

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091620\
 Data File : VX018455.D
 Acq On : 16 Sep 2020 21:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:24:09 AM

Quant Time: Sep 17 05:20:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	457083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	743802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	724640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	391300	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	333432	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	5.46	113	266021	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	8.70	98	929616	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.12	95	386390	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	239573	43.049	ug/l	98
3) Chloromethane	1.31	50	231376	39.436	ug/l	99
4) Vinyl Chloride	1.39	62	263443	45.106	ug/l	99
5) Bromomethane	1.62	94	168473	59.804	ug/l	96
6) Chloroethane	1.71	64	156607	49.924	ug/l	100
7) Trichlorofluoromethane	1.92	101	418583	52.560	ug/l	98
8) Diethyl Ether	2.17	74	141364	52.341	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	225440	52.361	ug/l	98
10) Methyl Iodide	2.49	142	222928	48.564	ug/l	99
11) Tert butyl alcohol	3.01	59	305659	247.740	ug/l	97
12) 1,1-Dichloroethene	2.35	96	223004	49.925	ug/l	100
13) Acrolein	2.27	56	139749	273.170	ug/l	100
14) Allyl chloride	2.71	41	420298	52.372	ug/l	99
15) Acrylonitrile	3.12	53	742172	265.183	ug/l	100
16) Acetone	2.42	43	629502	254.592	ug/l	94
17) Carbon Disulfide	2.55	76	554345	41.053	ug/l	100
18) Methyl Acetate	2.75	43	395011	66.203	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	853514	55.716	ug/l	98
20) Methylene Chloride	2.84	84	269563	53.398	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	238967	48.287	ug/l	98
22) Diisopropyl ether	3.82	45	858448	54.197	ug/l	91
23) Vinyl Acetate	3.79	43	3736362	265.102	ug/l	100
24) 1,1-Dichloroethane	3.67	63	480766	53.321	ug/l	98
25) 2-Butanone	4.63	43	1033221	254.262	ug/l	98
26) 2,2-Dichloropropane	4.56	77	376597	51.334	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	291647	51.148	ug/l	99
28) Bromochloromethane	4.98	49	216011	49.633	ug/l	99
29) Tetrahydrofuran	5.09	42	658086	254.401	ug/l	99
30) Chloroform	5.18	83	496435	53.173	ug/l	96
31) Cyclohexane	5.55	56	373574	49.186	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	459182	53.595	ug/l	100
36) 1,1-Dichloropropene	5.77	75	345107	50.304	ug/l	100
37) Ethyl Acetate	4.79	43	402465	50.510	ug/l	99
38) Carbon Tetrachloride	5.76	117	411329	53.202	ug/l	99

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MMDadoda
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Quant Time: Sep 17 05:20:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	368210	49.084	ug/l	99
40) Benzene	6.12	78	1013500	50.276	ug/l	97
41) Methacrylonitrile	5.00	41	224641	51.346	ug/l	97
42) 1,2-Dichloroethane	6.17	62	415583	53.807	ug/l	98
43) Isopropyl Acetate	6.42	43	679188	52.774	ug/l	100
44) Trichloroethene	7.19	130	289903	50.896	ug/l	98
45) 1,2-Dichloropropane	7.49	63	286136	52.665	ug/l	96
46) Dibromomethane	7.64	93	195365	51.134	ug/l	99
47) Bromodichloromethane	7.88	83	412408	54.060	ug/l	99
48) Methyl methacrylate	7.74	41	336331	52.497	ug/l	99
49) 1,4-Dioxane	7.71	88	94583	815.010	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	2110251	265.448	ug/l	100
52) Toluene	8.77	92	655069	51.247	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	449583	53.174	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	462005	51.583	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	284024	52.099	ug/l	97
56) Ethyl methacrylate	9.16	69	435146	53.692	ug/l	99
57) 1,3-Dichloropropane	9.35	76	464893	51.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	1079823	296.186	ug/l	100
59) 2-Hexanone	9.48	43	1606787	265.809	ug/l	100
60) Dibromochloromethane	9.57	129	336943	52.686	ug/l	100
61) 1,2-Dibromoethane	9.65	107	302652	51.135	ug/l	99
64) Tetrachloroethene	9.32	164	268052	50.338	ug/l	93
65) Chlorobenzene	10.12	112	737837	50.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	298294	52.294	ug/l	98
67) Ethyl Benzene	10.24	91	1294115	52.580	ug/l	100
68) m/p-Xylenes	10.34	106	966968	105.261	ug/l	97
69) o-Xylene	10.68	106	469006	52.666	ug/l	97
70) Styrene	10.69	104	821073	54.141	ug/l	99
71) Bromoform	10.84	173	272783	56.066	ug/l #	98
73) Isopropylbenzene	11.00	105	1293794	50.127	ug/l	99
74) N-amyl acetate	10.88	43	612978	50.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	438049	48.110	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	410535m	47.163	ug/l	
77) Bromobenzene	11.24	156	346352	48.546	ug/l	99
78) n-propylbenzene	11.35	91	1461083	49.855	ug/l	99
79) 2-Chlorotoluene	11.40	91	908100	50.154	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1106237	52.157	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	152250	47.239	ug/l	100
82) 4-Chlorotoluene	11.49	91	1071883	49.797	ug/l	100
83) tert-Butylbenzene	11.76	119	1079772	51.586	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1127820	52.010	ug/l	99
85) sec-Butylbenzene	11.93	105	1260884	52.971	ug/l	99
86) p-Isopropyltoluene	12.05	119	1179193	53.931	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	615657	49.149	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	617953	49.270	ug/l	98
89) n-Butylbenzene	12.37	91	1037046	51.966	ug/l	99
90) Hexachloroethane	12.58	117	225158	52.341	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	601981	51.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105566	46.370	ug/l	97

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ClientSampleId :
VSTDCCC050EC

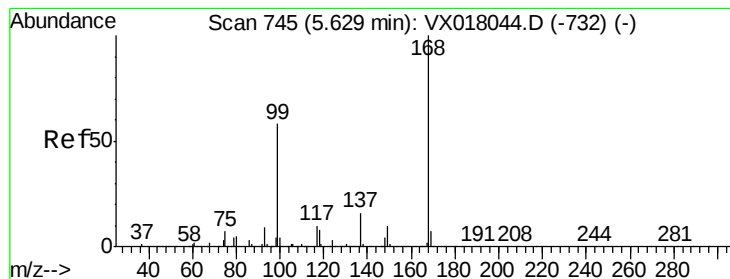
Manual Integrations
APPROVED

MMDadoda
9/17/2020 11:24:09 AM

Quant Time: Sep 17 05:20:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	418749	53.257	ug/l	100
94) Hexachlorobutadiene	13.77	225	165530	53.374	ug/l	98
95) Naphthalene	13.82	128	1398825	54.058	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	400154	51.505	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 457083

Ion Ratio Lower Upper

168 100

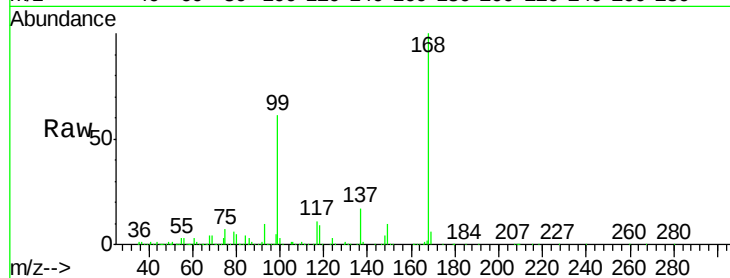
99 61.1 46.3 69.5

Manual Integrations

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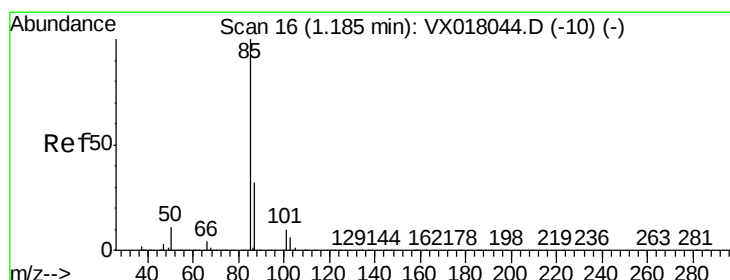
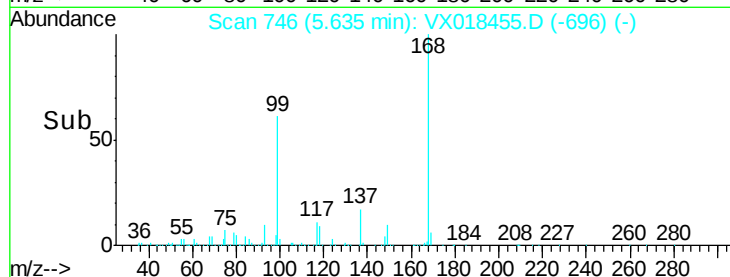
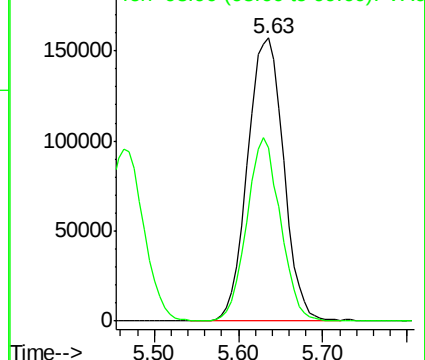
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.049 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018455.D

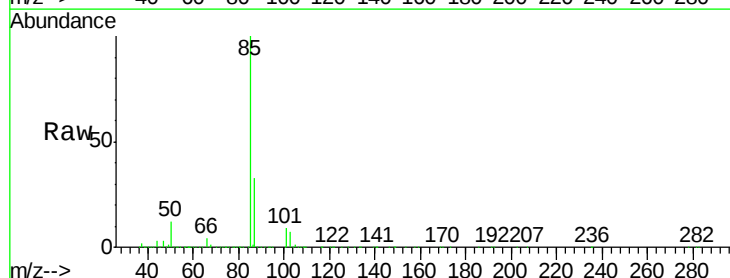
Acq: 16 Sep 2020 21:01

Tgt Ion: 85 Resp: 239573

Ion Ratio Lower Upper

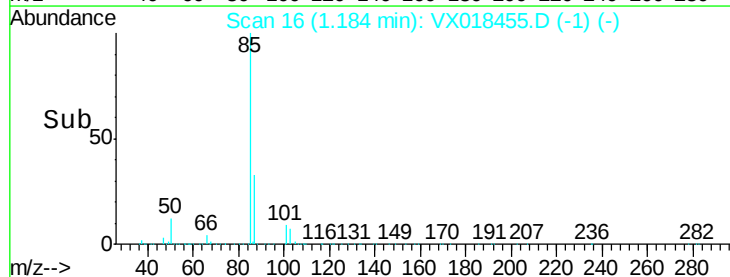
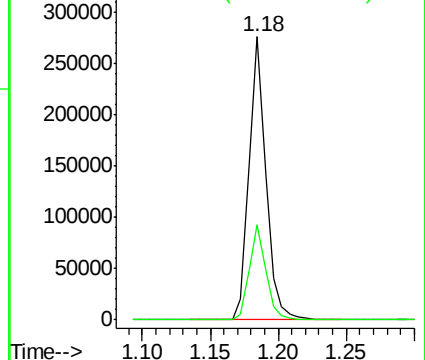
85 100

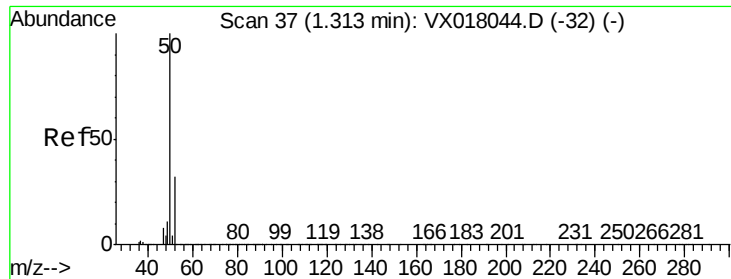
87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.436 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 231376

Ion Ratio Lower Upper

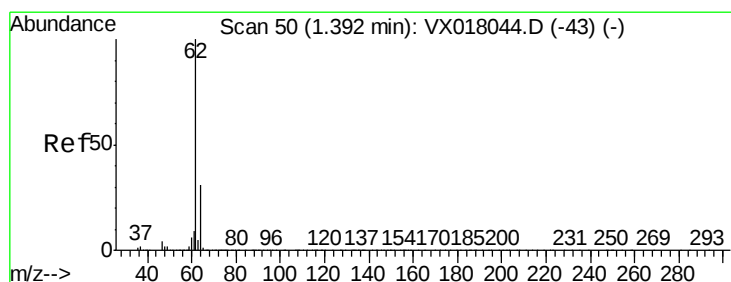
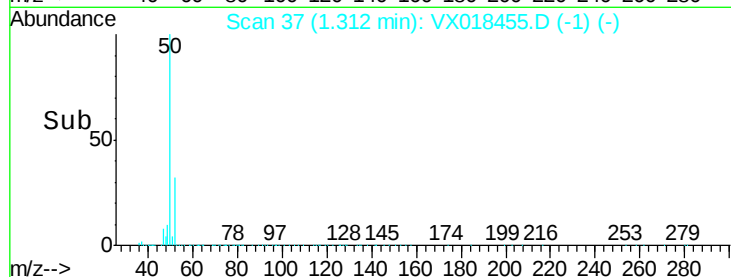
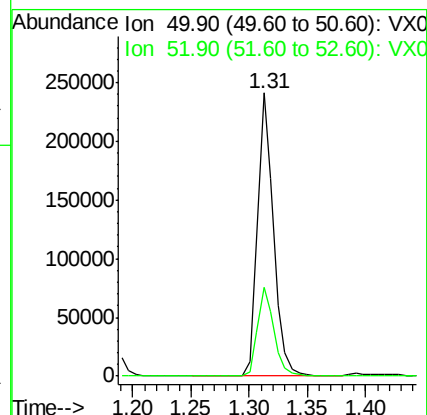
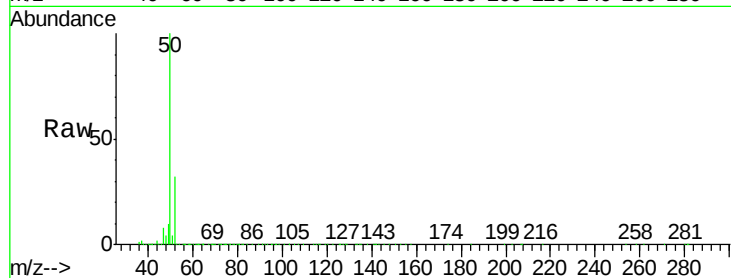
50 100

52 31.5 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.106 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018455.D

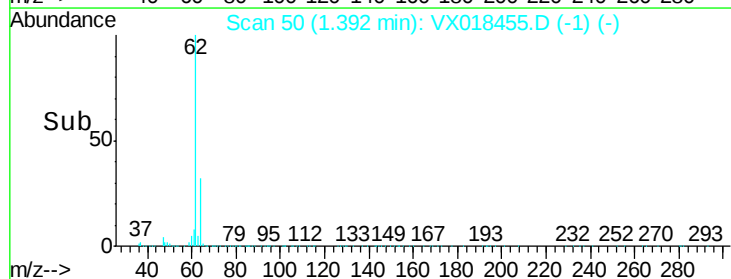
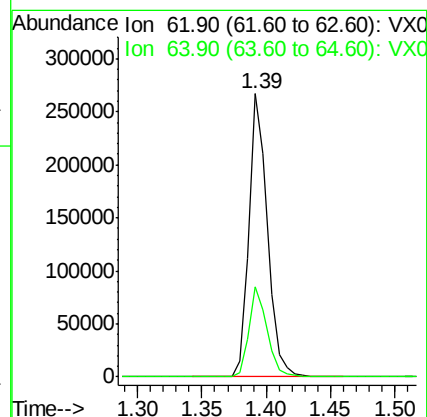
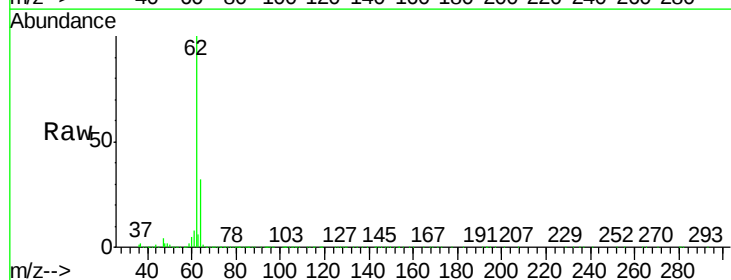
Acq: 16 Sep 2020 21:01

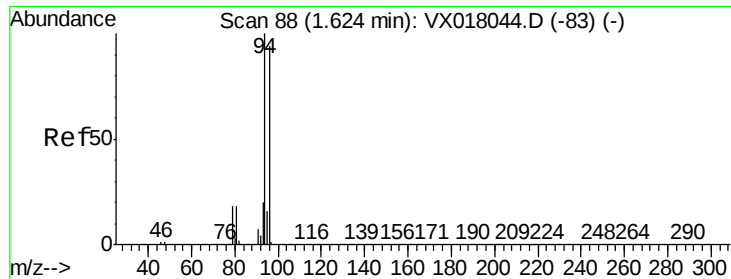
Tgt Ion: 62 Resp: 263443

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 59.804 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 168473

Ion Ratio Lower Upper

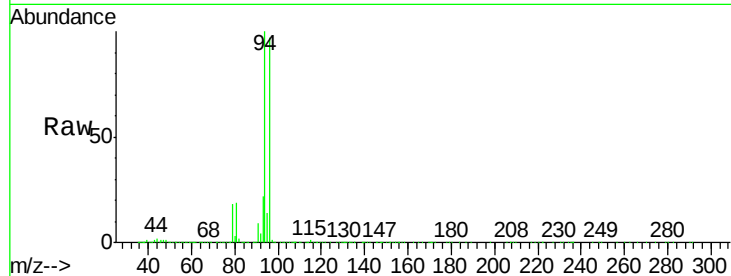
94 100

96 97.2 74.8 112.2

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

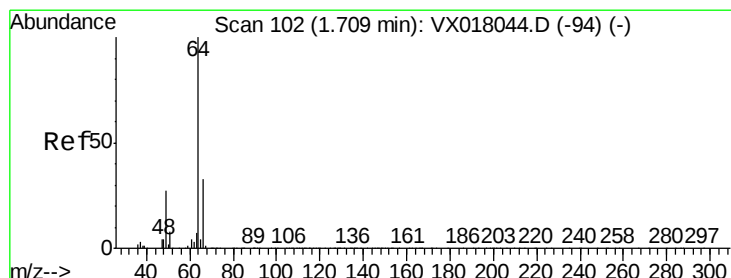
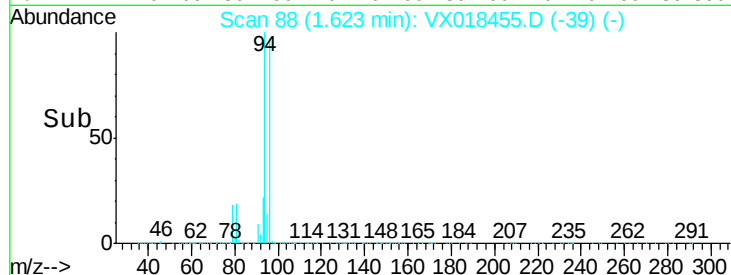
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 49.924 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018455.D

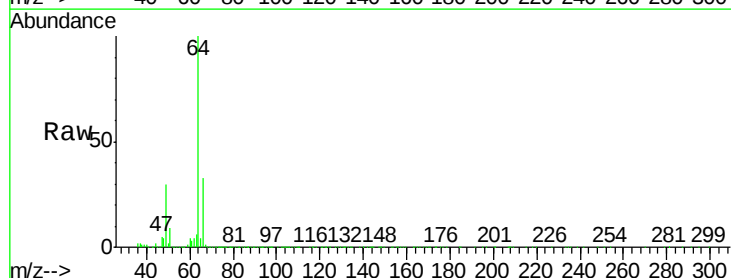
Acq: 16 Sep 2020 21:01

Tgt Ion: 64 Resp: 156607

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

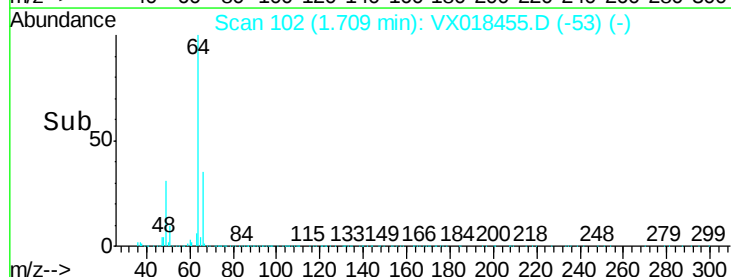
1.71

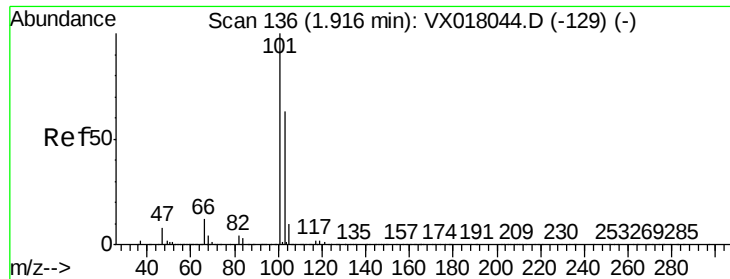
100000

50000

0

Time-->





#7

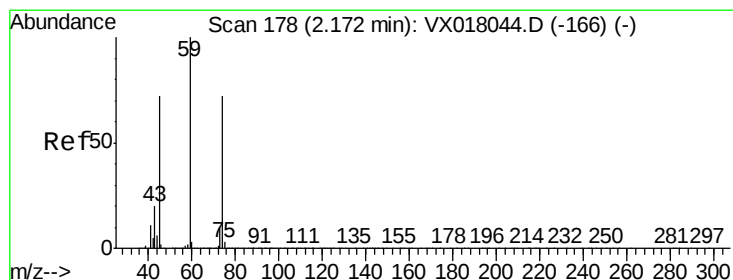
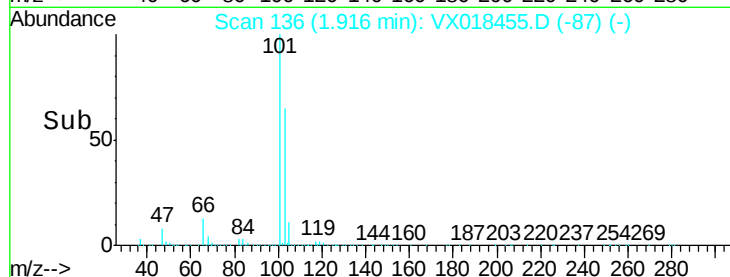
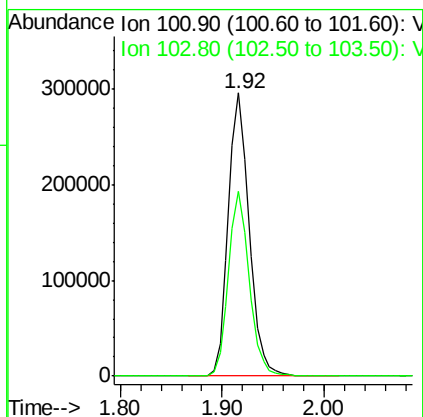
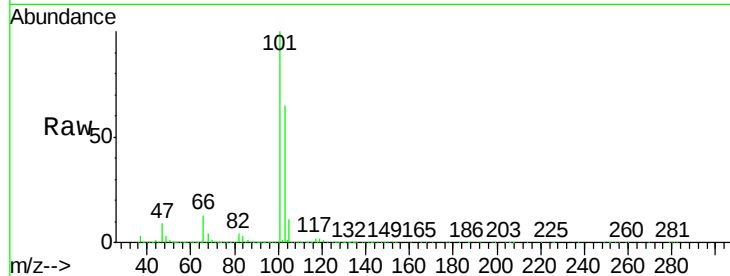
Trichlorofluoromethane
Concen: 52.560 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
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VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		418583		
103	65.1	50.7	76.1		

Manual Integrations
APPROVED

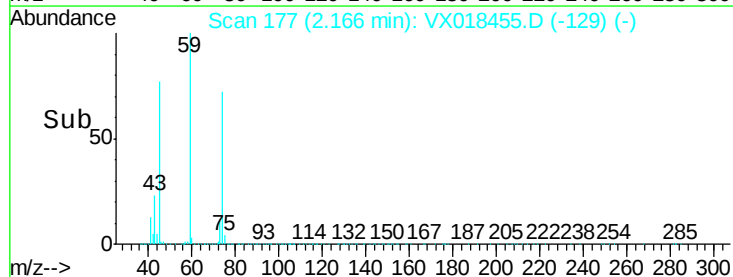
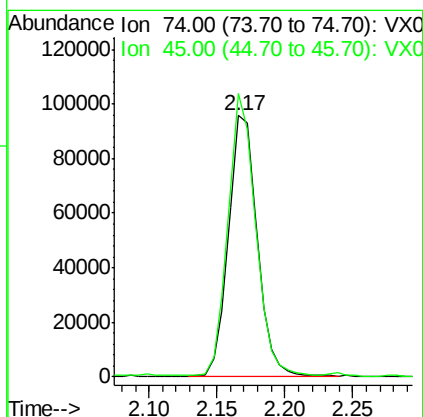
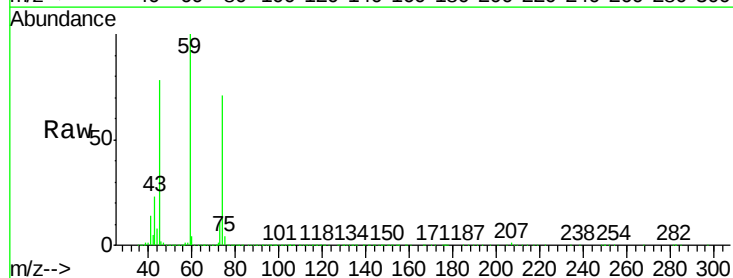
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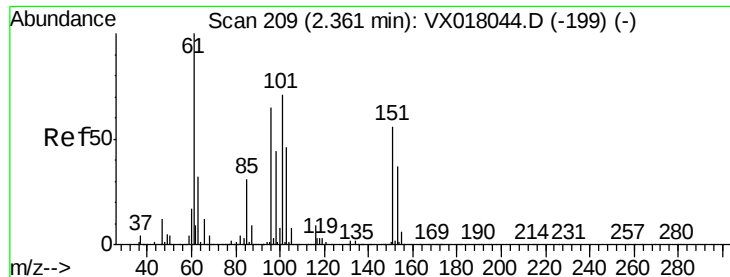


#8

Diethyl Ether
Concen: 52.341 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		141364		
45	103.0	50.7	152.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.361 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

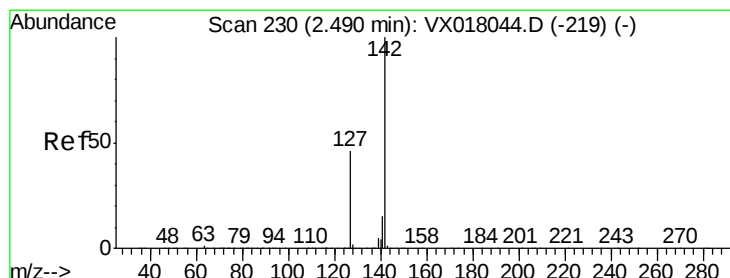
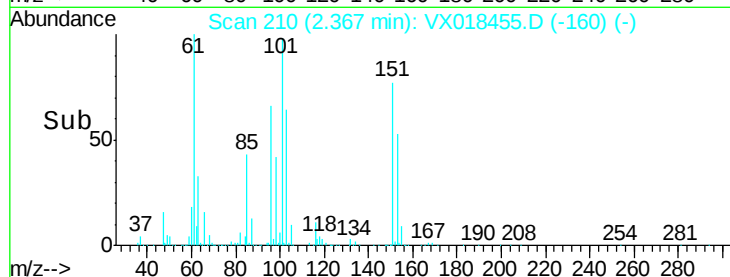
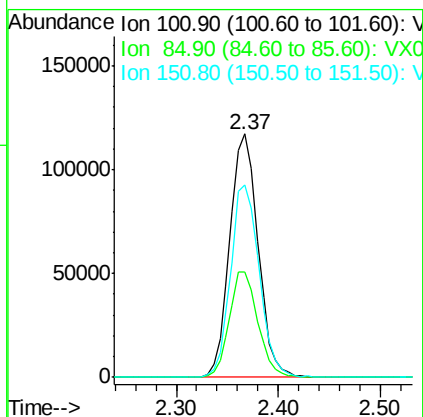
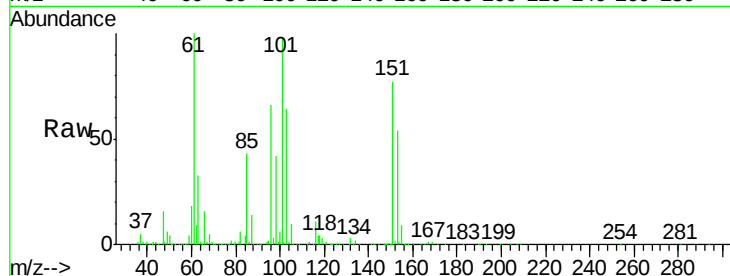
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	225440
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.0	51.0
151	79.9	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 48.564 ug/l

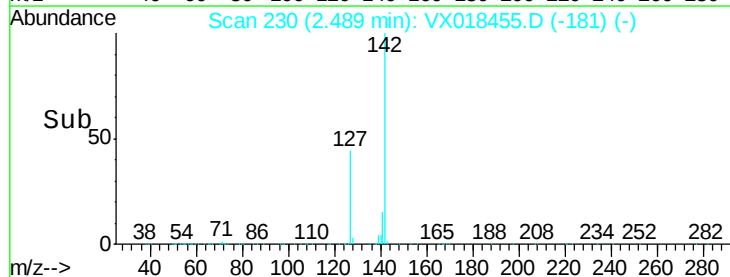
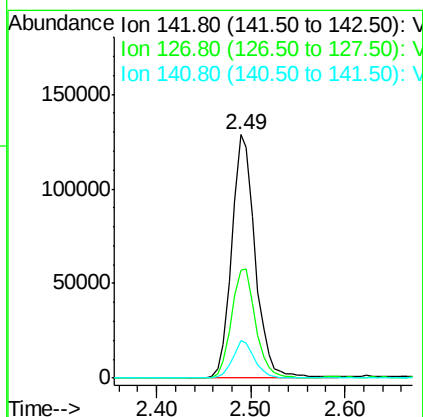
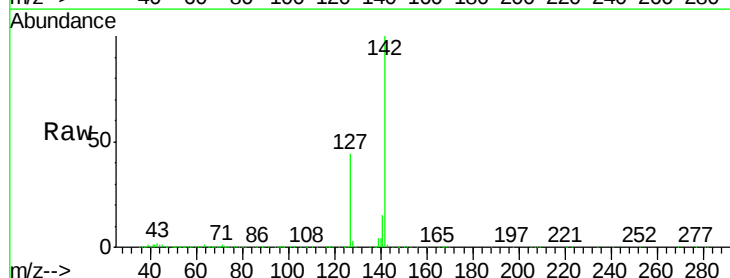
RT: 2.49 min Scan# 230

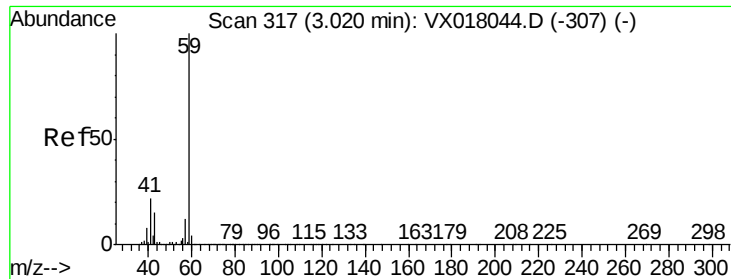
Delta R.T. 0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Tgt Ion:	142	Resp:	222928
Ion Ratio	Lower	Upper	
142	100		
127	45.9	37.0	55.6
141	14.6	11.5	17.3





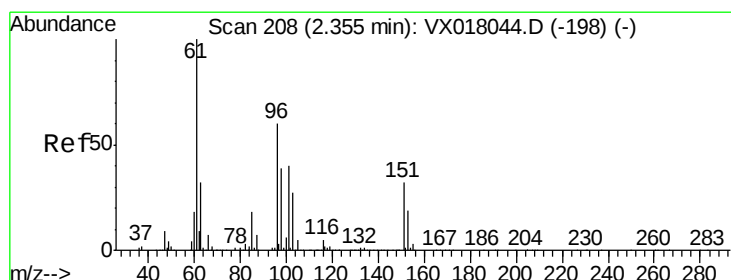
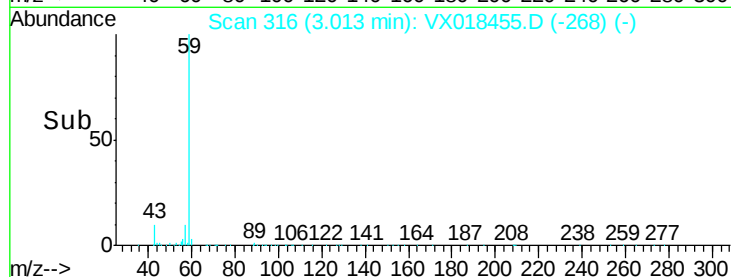
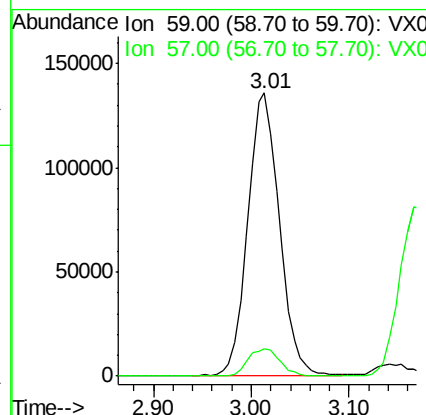
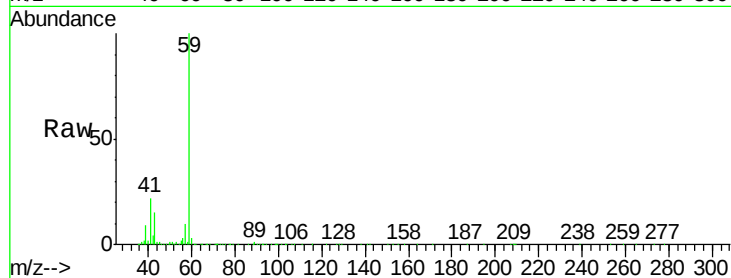
#11
Tert butyl alcohol
Concen: 247.740 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.9	13.3

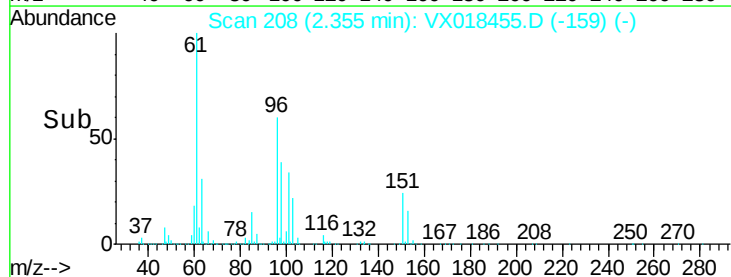
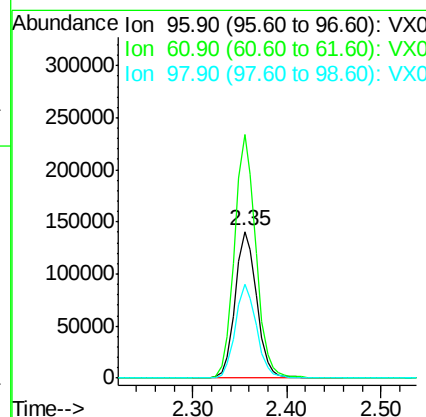
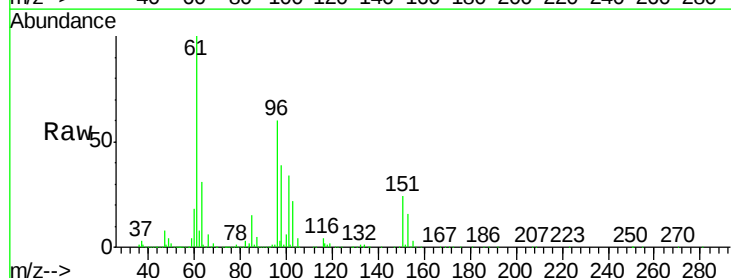
Manual Integrations
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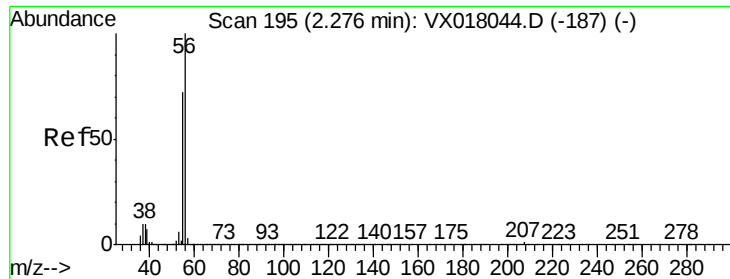
MMDadoda
9/17/2020 11:24:09 AM



#12
1,1-Dichloroethene
Concen: 49.925 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.8	133.0	199.4
98	64.3	51.6	77.4





#13

Acrolein

Concen: 273.170 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 139749

Ion Ratio Lower Upper

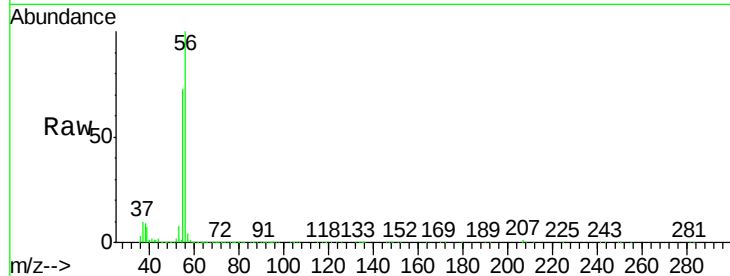
56 100

55 71.5 57.0 85.6

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

100000

80000

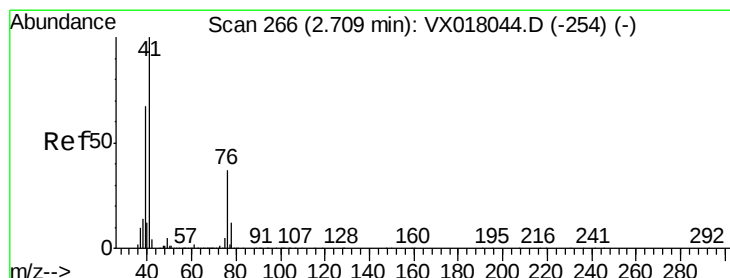
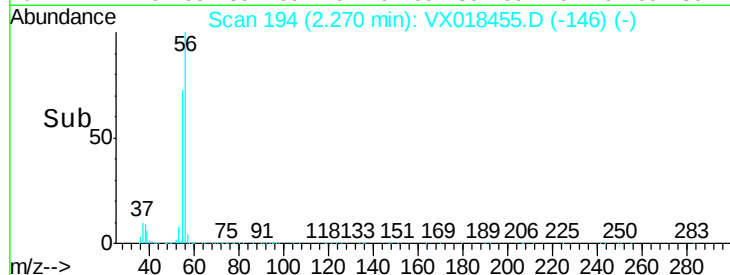
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 52.372 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

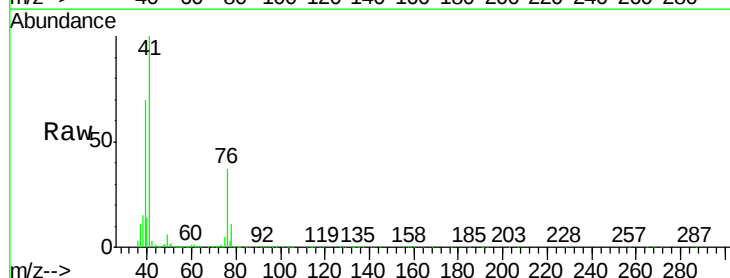
Tgt Ion: 41 Resp: 420298

Ion Ratio Lower Upper

41 100

39 64.4 50.6 76.0

76 31.9 26.2 39.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

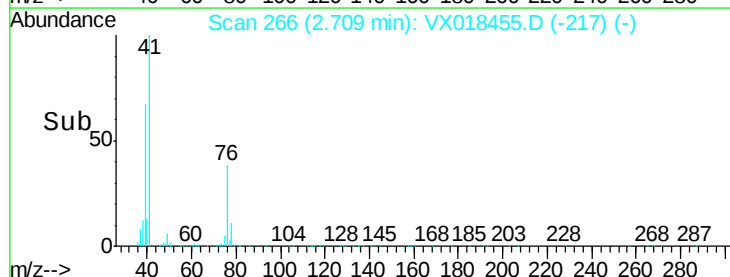
300000

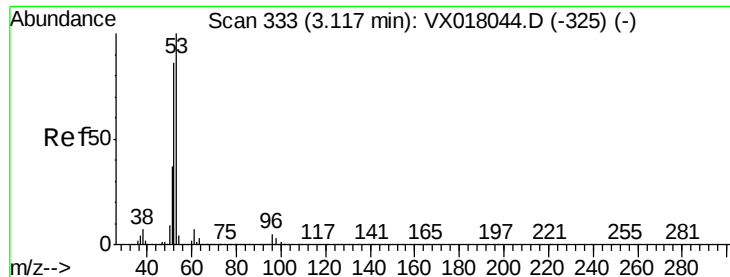
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 265.183 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

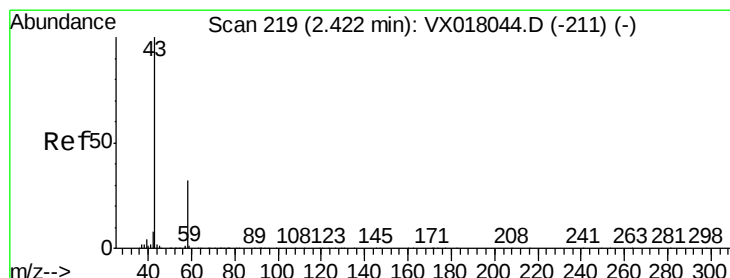
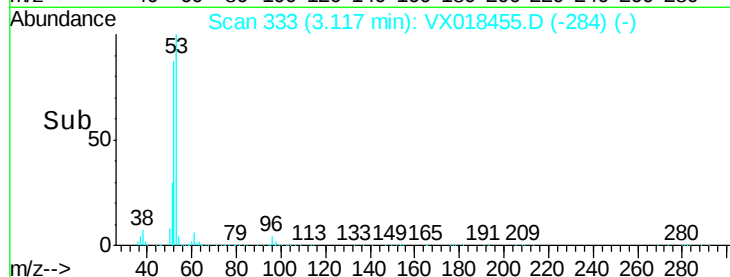
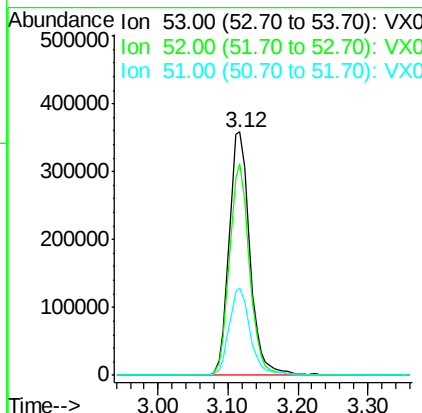
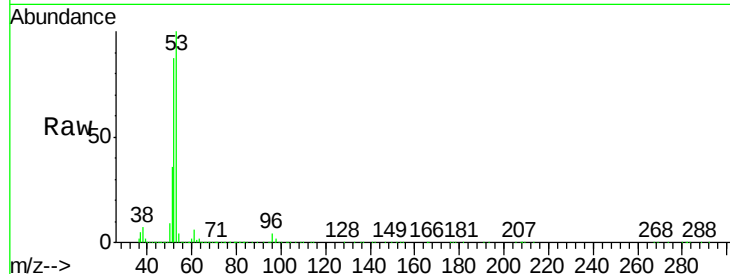
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	742172
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.9	100.3
51	36.1	28.7	43.1

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#16

Acetone

Concen: 254.592 ug/l

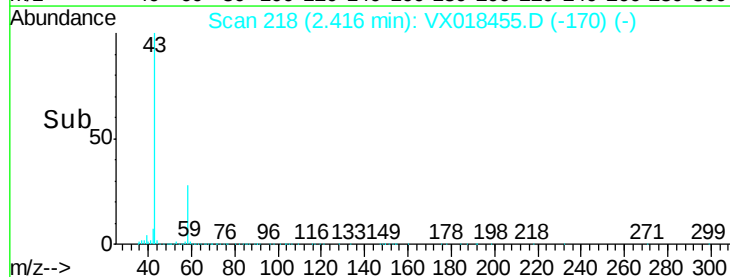
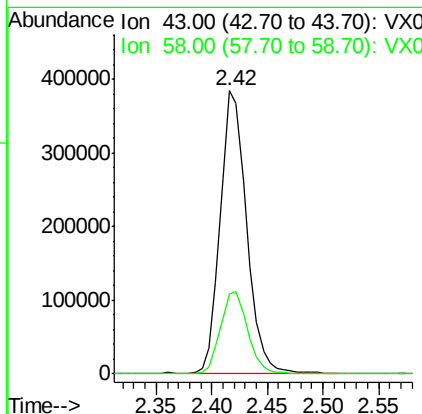
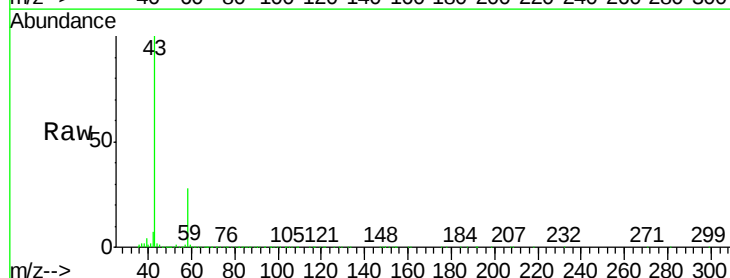
RT: 2.42 min Scan# 218

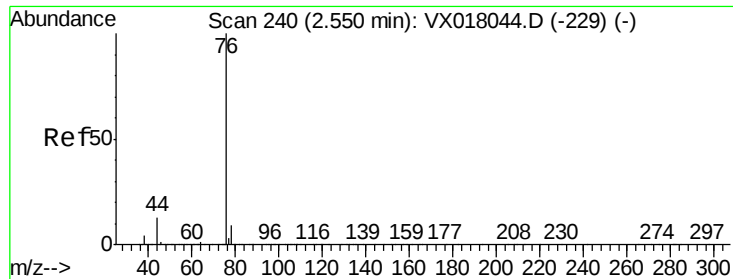
Delta R.T. -0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Tgt Ion:	43	Resp:	629502
Ion Ratio	Lower	Upper	
43	100		
58	28.3	25.5	38.3





#17

Carbon Disulfide

Concen: 41.053 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 554345

Ion Ratio Lower Upper

76 100

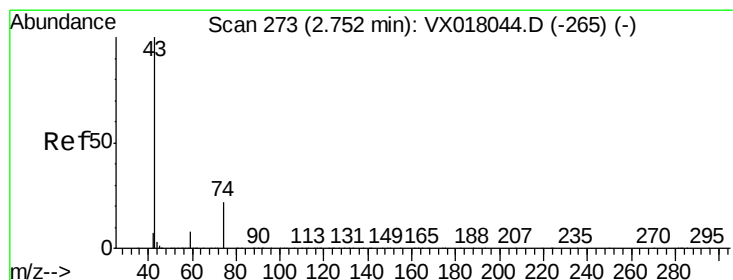
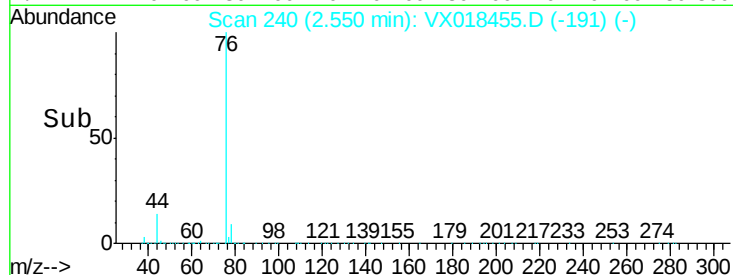
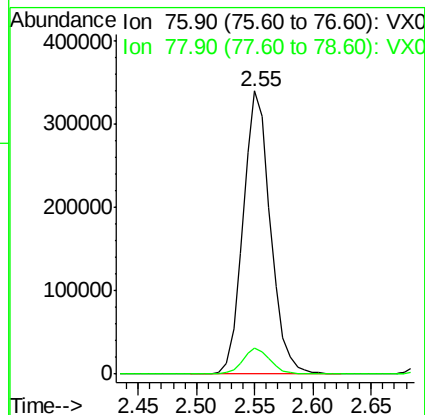
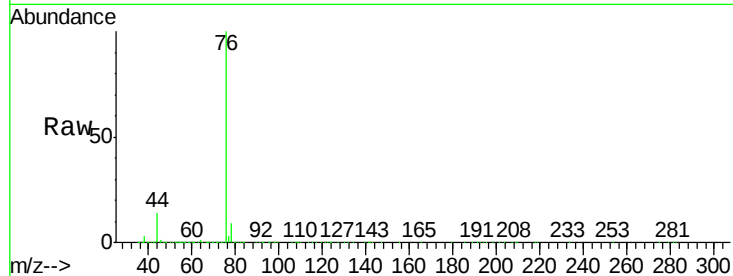
78 9.3 7.4 11.0

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#18

Methyl Acetate

Concen: 66.203 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018455.D

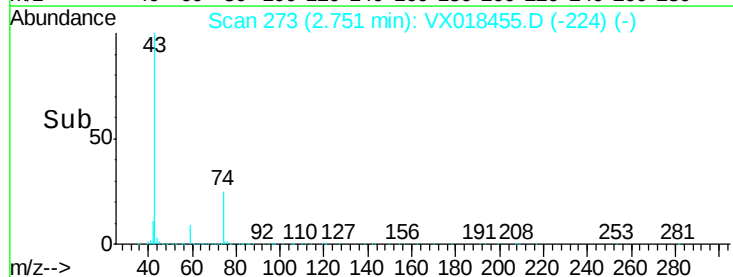
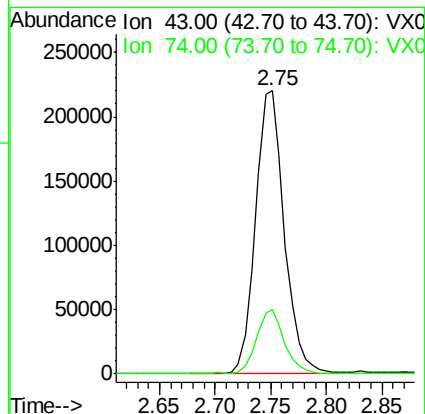
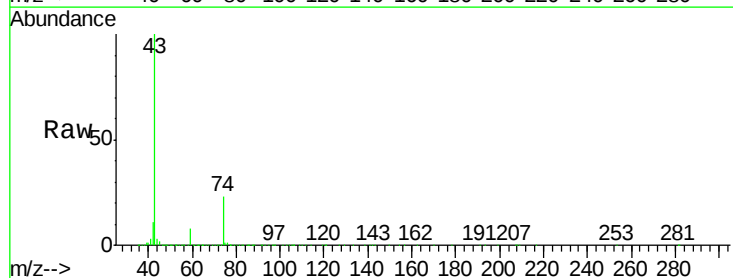
Acq: 16 Sep 2020 21:01

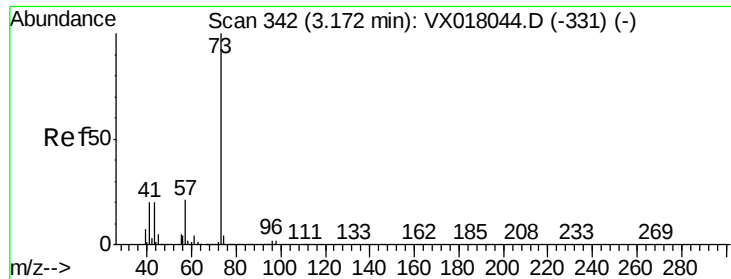
Tgt Ion: 43 Resp: 395011

Ion Ratio Lower Upper

43 100

74 22.5 18.2 27.4





#19

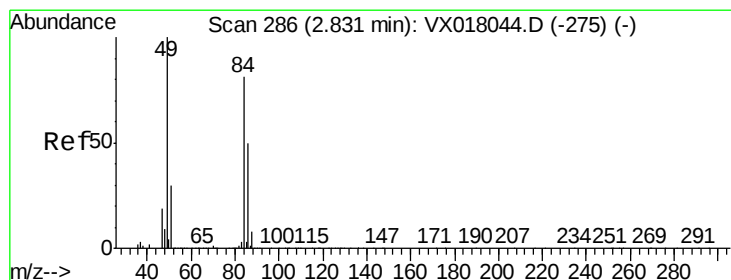
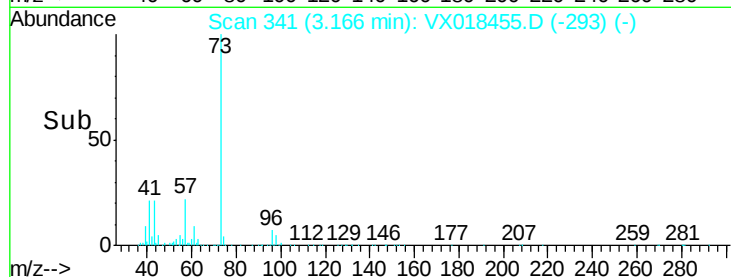
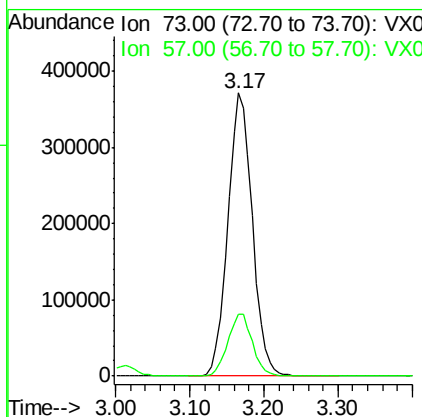
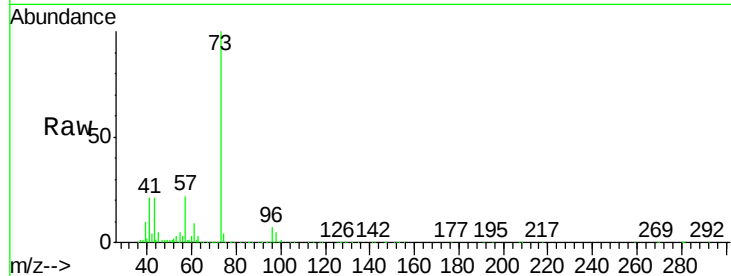
Methyl tert-butyl Ether
 Concen: 55.716 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018455.D
 Acq: 16 Sep 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.8	25.2

Manual Integrations
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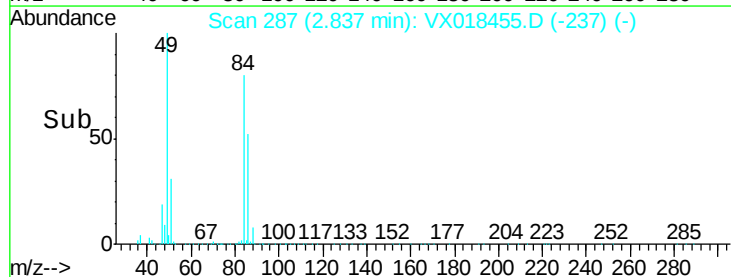
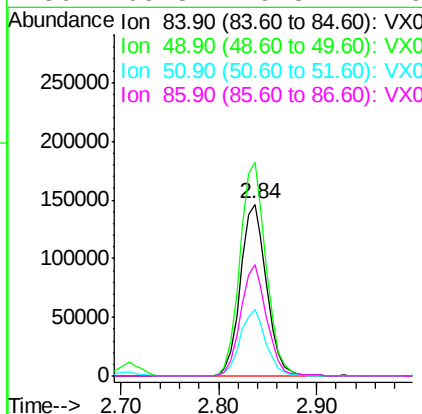
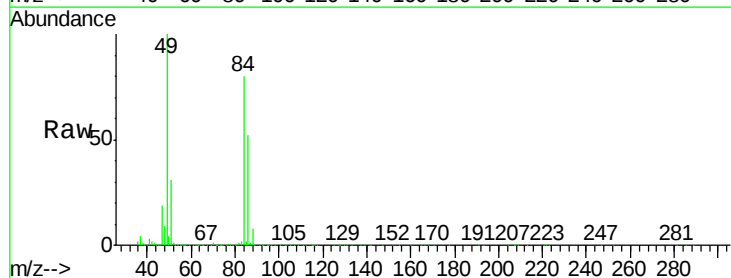
MMDadoda
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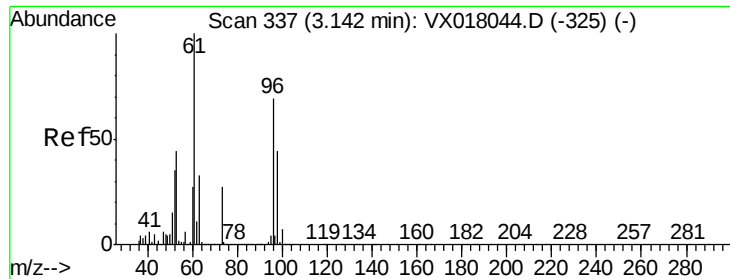


#20

Methylene Chloride
 Concen: 53.398 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018455.D
 Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	98.6	148.0
51	38.3	29.6	44.4
86	65.3	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 48.287 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

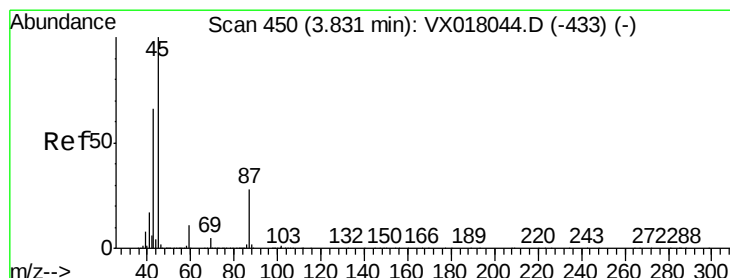
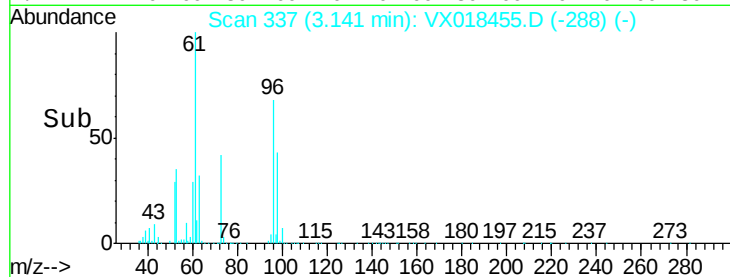
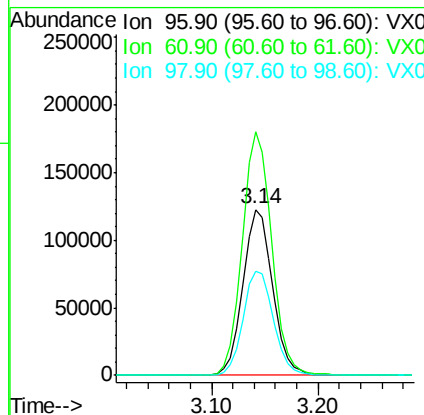
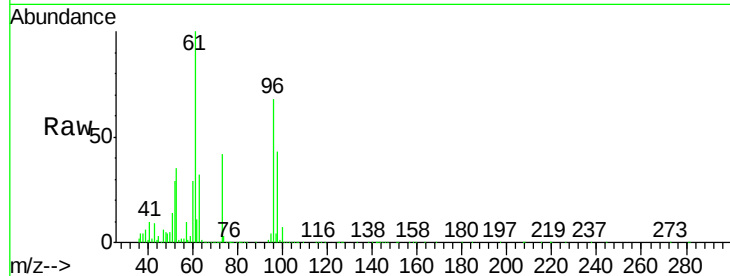
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	238967
Ion Ratio	Lower	Upper	
96	100		
61	146.7	115.4	173.0
98	62.6	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.197 ug/l

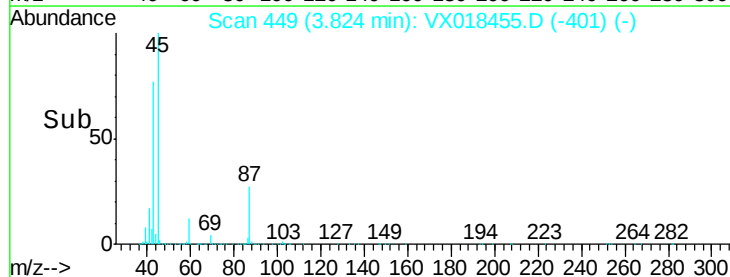
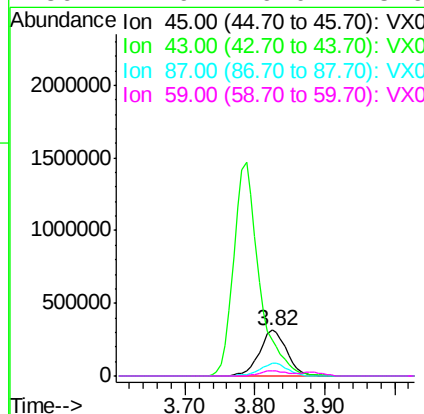
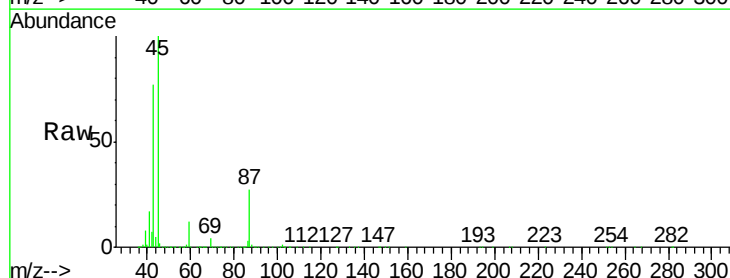
RT: 3.82 min Scan# 449

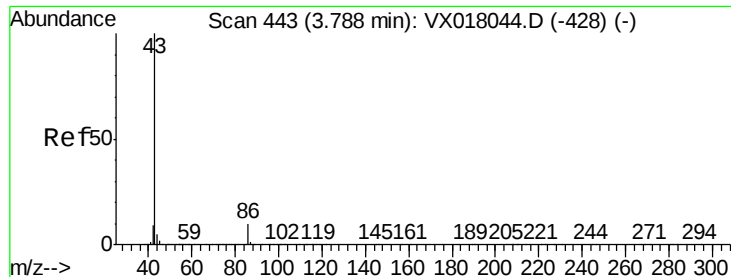
Delta R.T. -0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Tgt Ion:	45	Resp:	858448
Ion Ratio	Lower	Upper	
45	100		
43	77.3	52.8	79.2
87	27.4	22.5	33.7
59	11.9	9.0	13.6





#23

Vinyl Acetate

Concen: 265.102 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3736362

Ion Ratio Lower Upper

43 100

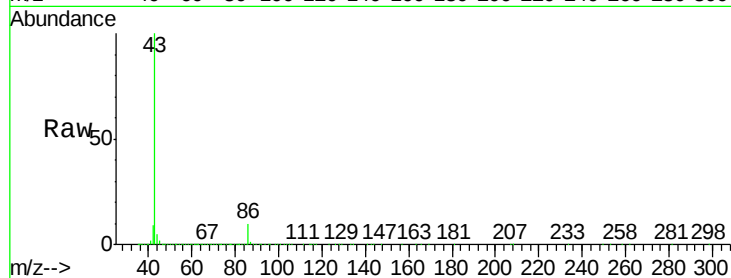
86 10.1 7.9 11.9

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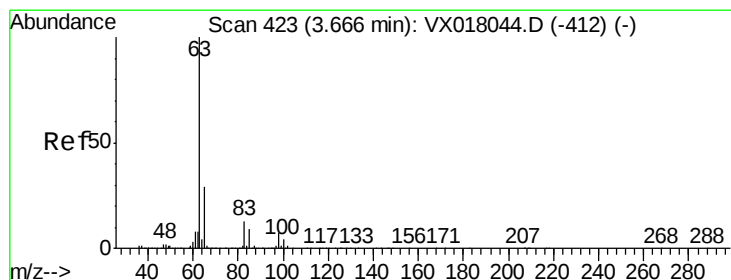
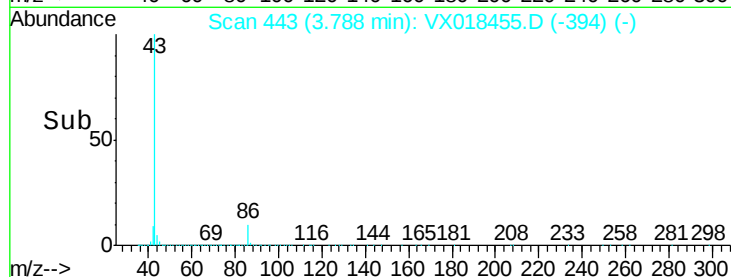
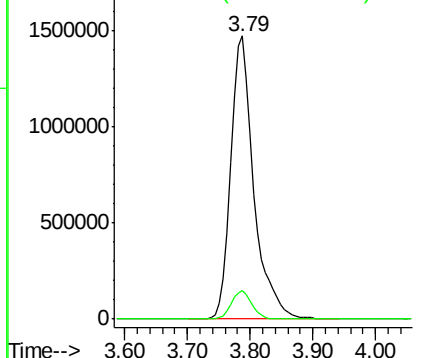
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.321 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

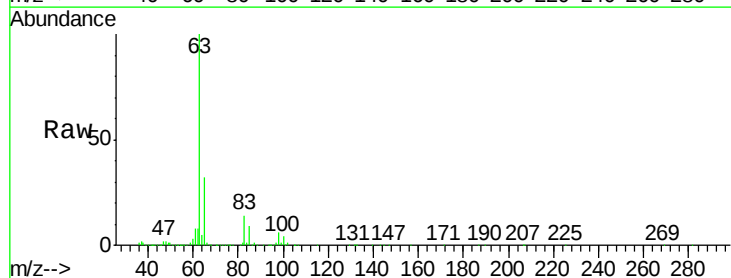
Tgt Ion: 63 Resp: 480766

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

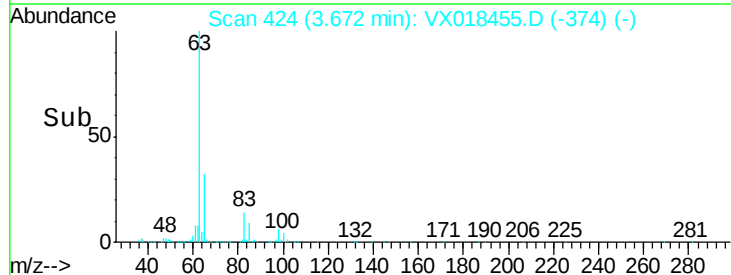
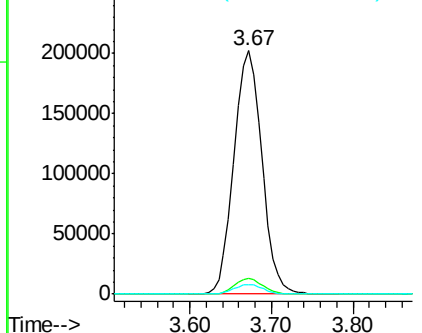
100 4.1 2.0 6.0

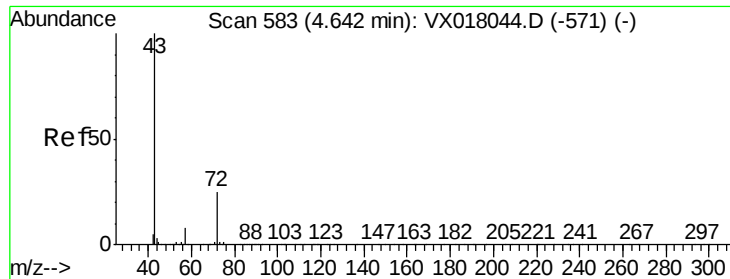


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





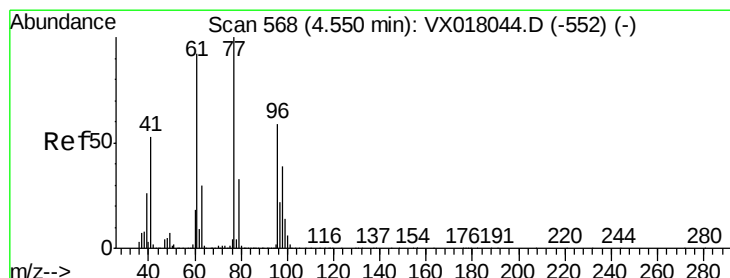
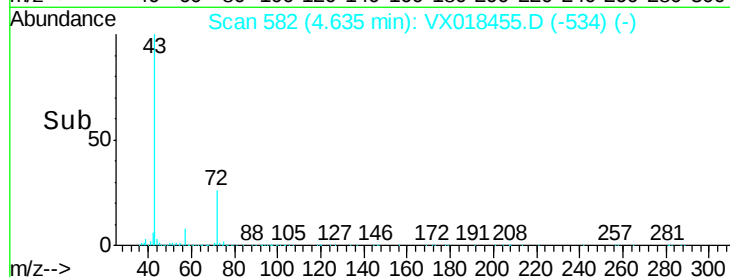
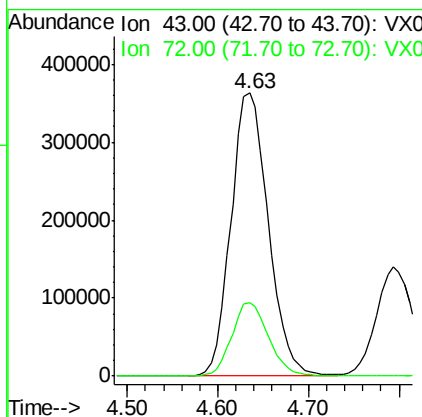
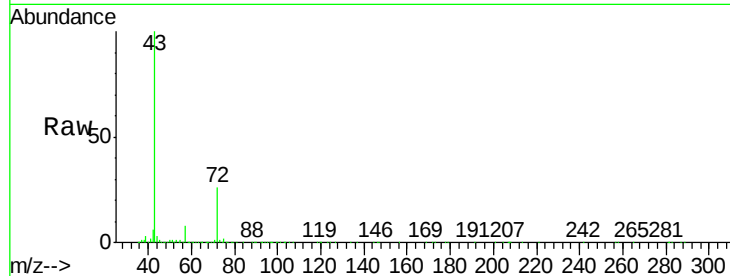
#25
2-Butanone
Concen: 254.262 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1033221
Ion Ratio Lower Upper
43 100
72 25.9 19.8 29.6

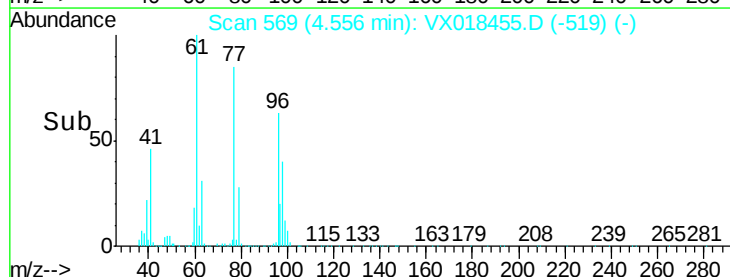
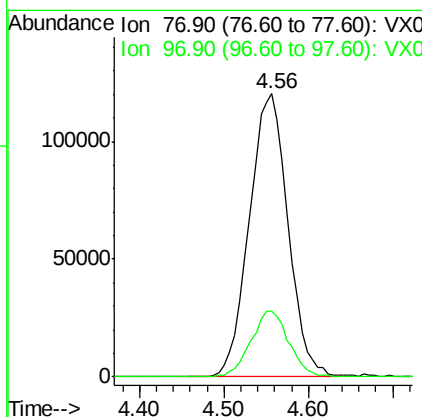
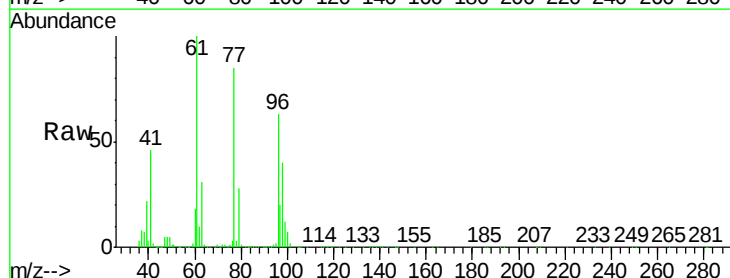
Manual Integrations
APPROVED

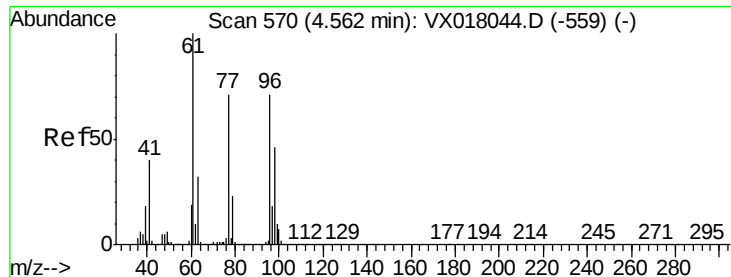
MMDadoda
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#26
2,2-Dichloropropane
Concen: 51.334 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion: 77 Resp: 376597
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5





#27

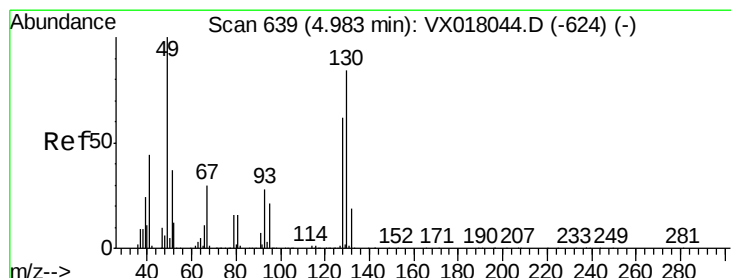
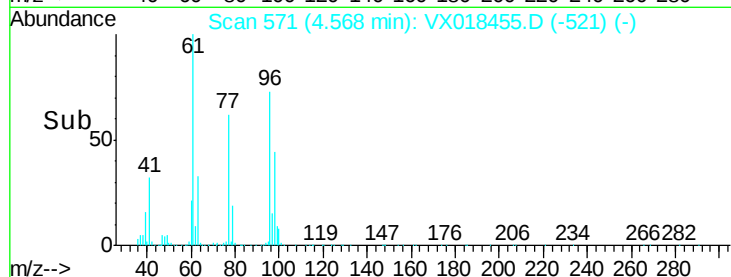
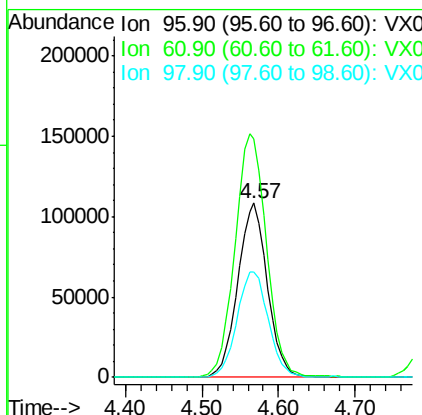
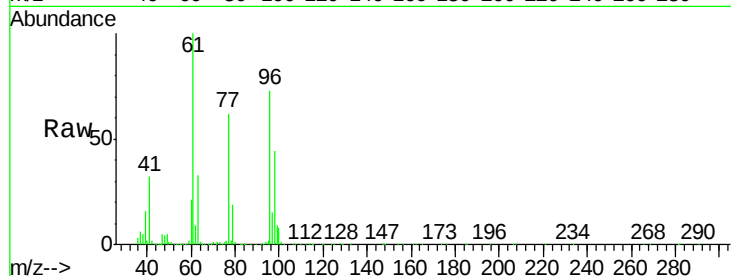
cis-1,2-Dichloroethene
Concen: 51.148 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	291647		
61	148.6	0.0	296.6	
98	64.0	0.0	130.2	

Manual Integrations
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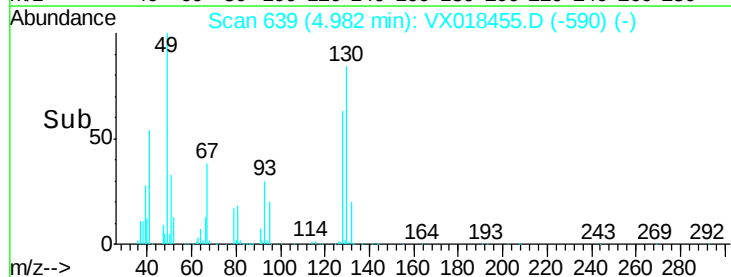
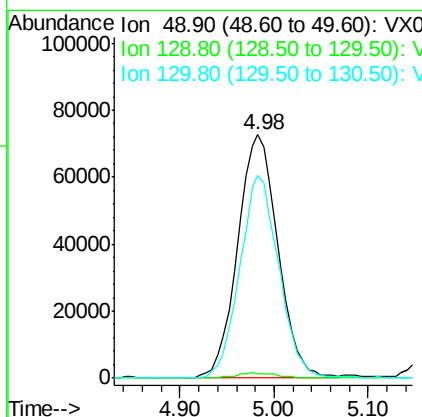
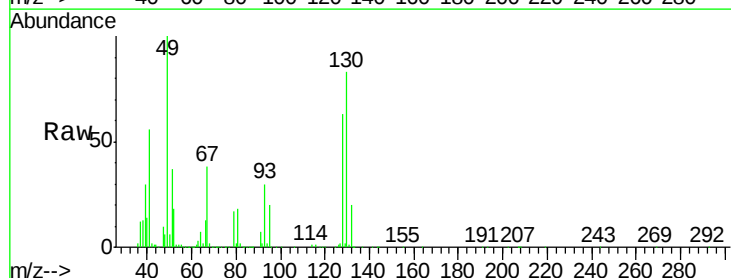
MMDadoda
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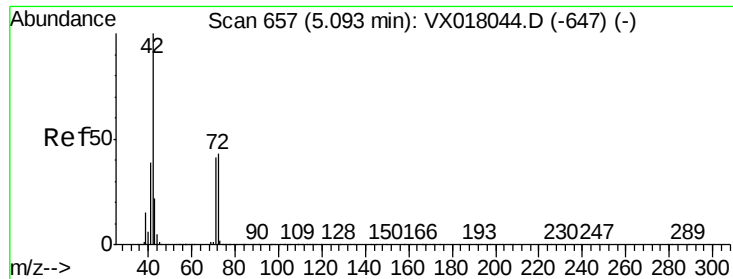


#28

Bromochloromethane
Concen: 49.633 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	216011		
129	2.2	0.0	4.6	
130	81.7	64.6	96.8	





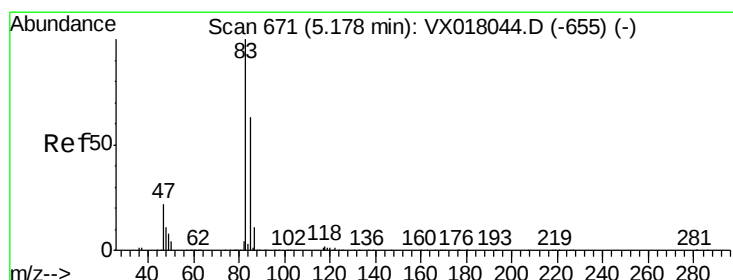
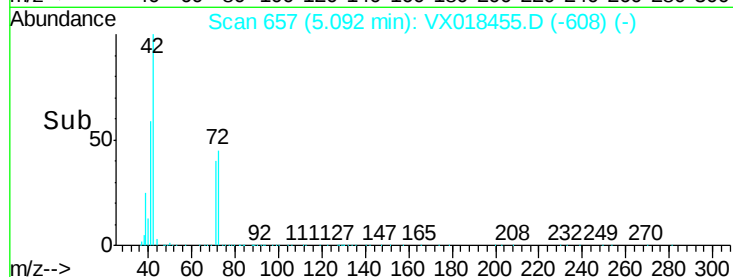
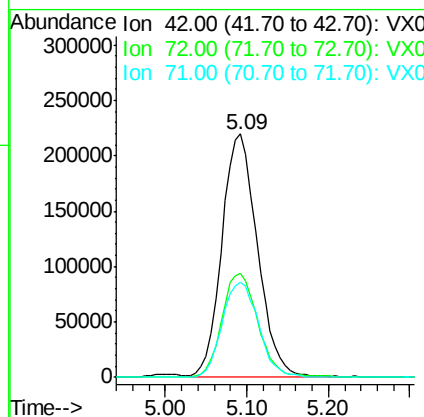
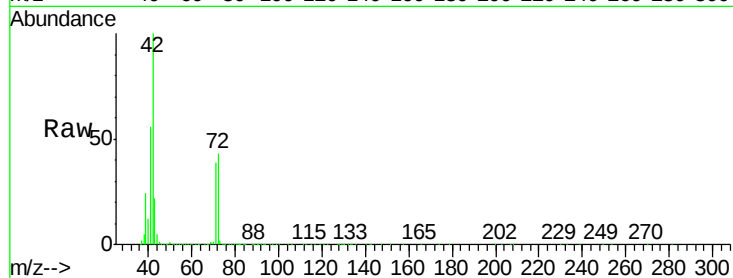
#29
Tetrahydrofuran
Concen: 254.401 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.2	51.4
71	40.3	32.1	48.1

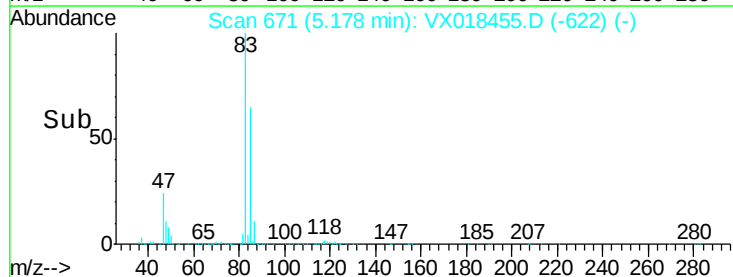
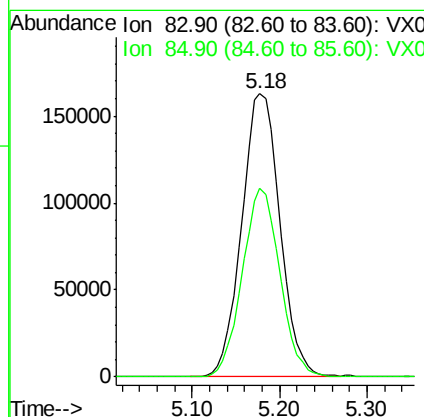
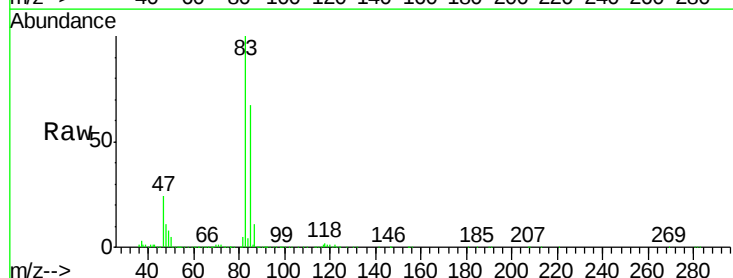
Manual Integrations
APPROVED

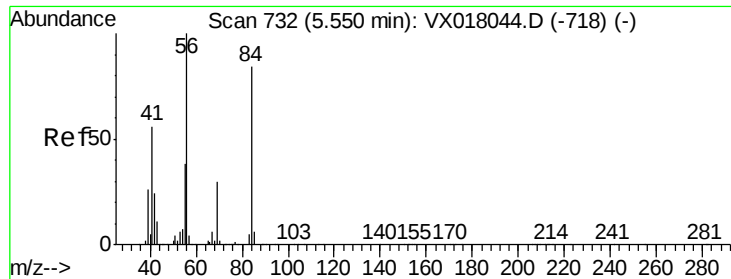
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#30
Chloroform
Concen: 53.173 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.7	76.1





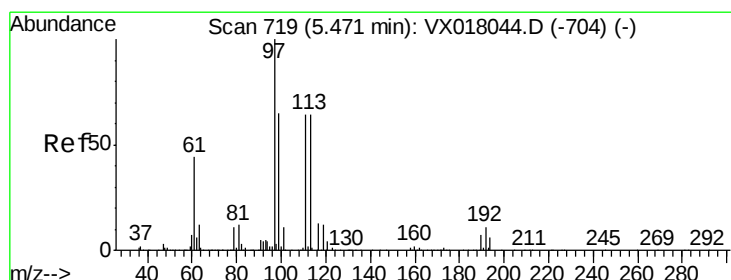
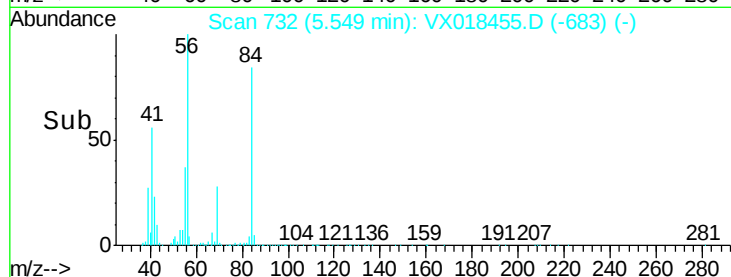
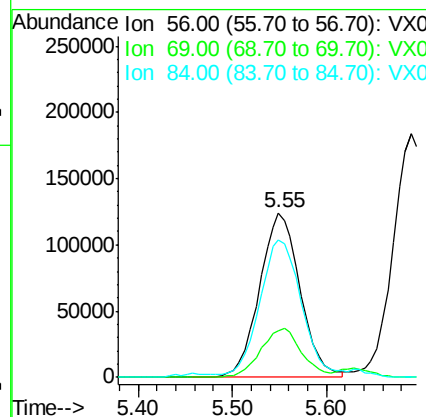
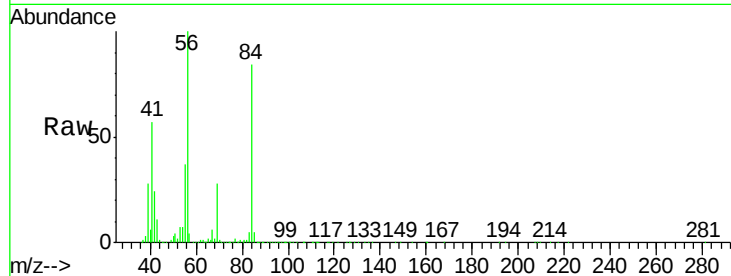
#31
Cyclohexane
Concen: 49.186 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.9	35.9
84	81.2	67.0	100.4

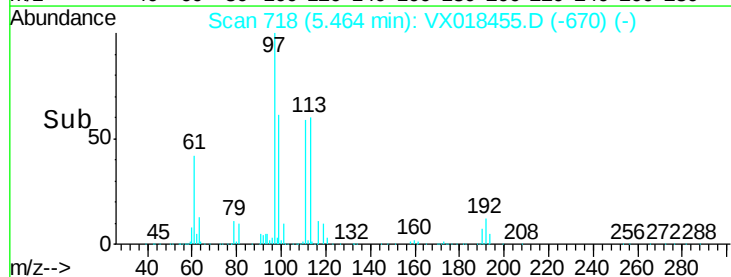
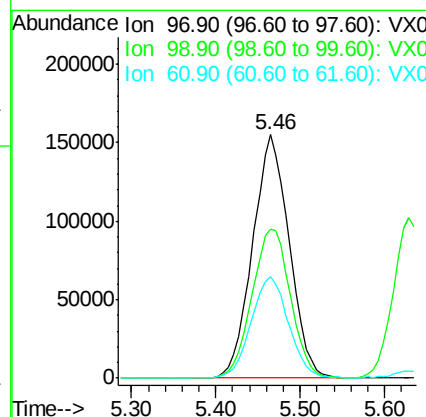
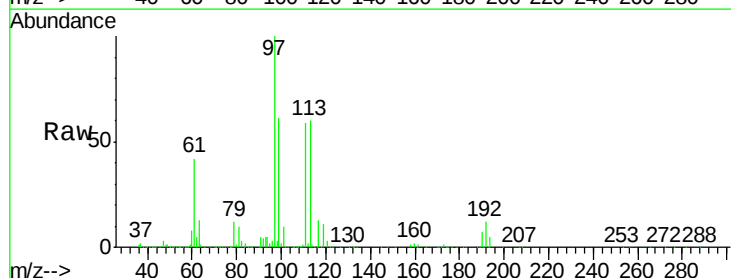
Manual Integrations
APPROVED

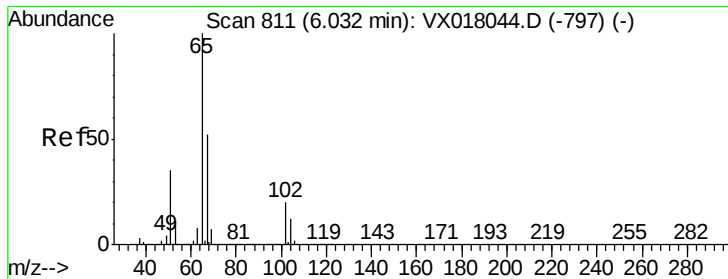
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#32
1,1,1-Trichloroethane
Concen: 53.595 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	42.5	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 52.546 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 333432

Ion Ratio Lower Upper

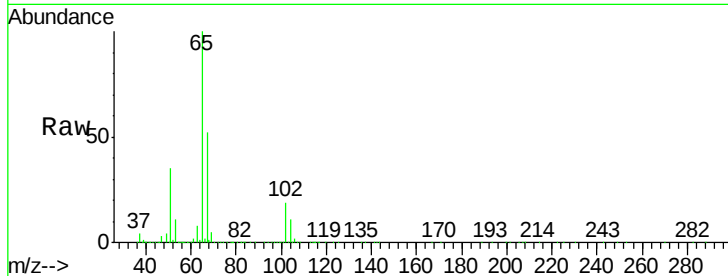
65 100

67 51.3 0.0 105.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

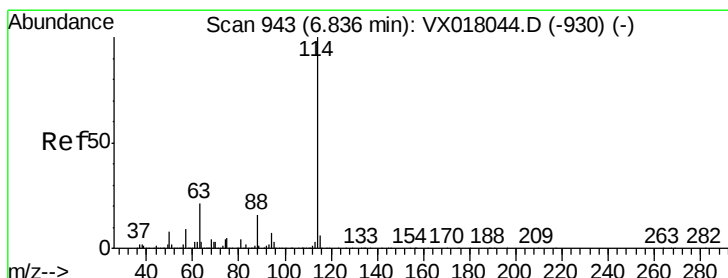
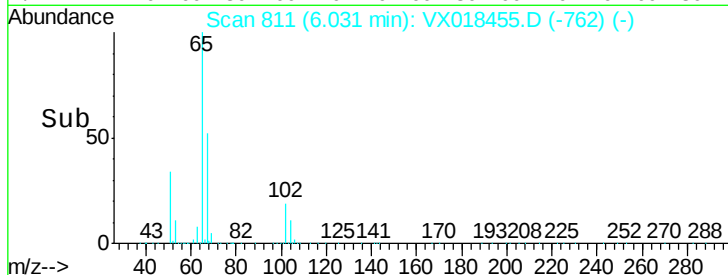
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

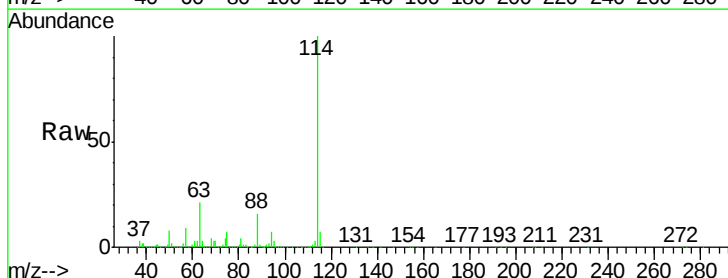
Tgt Ion: 114 Resp: 743802

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 16.4 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

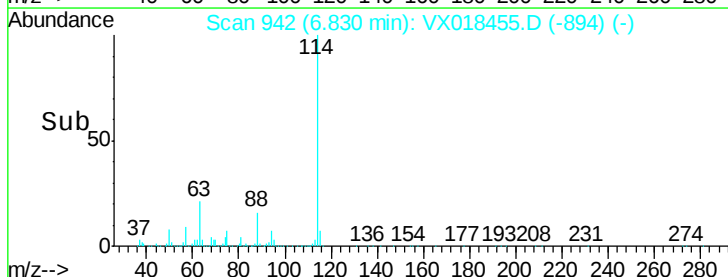
300000

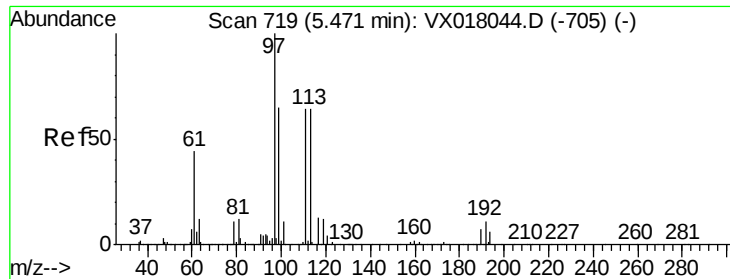
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.515 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

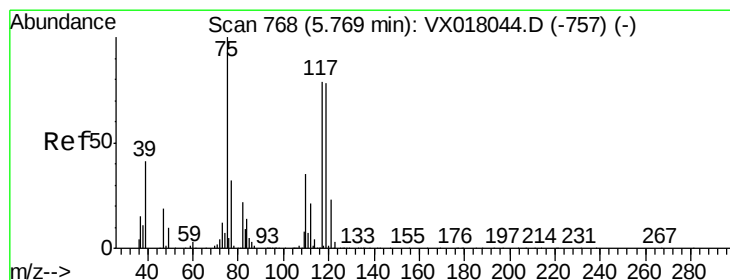
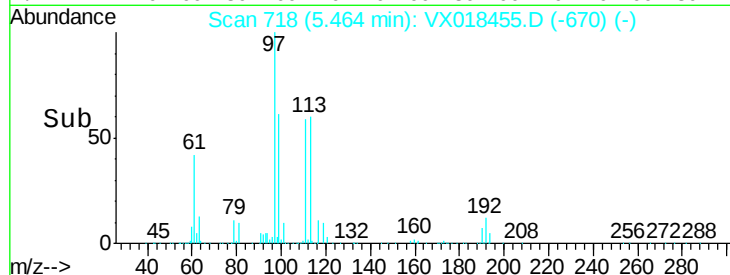
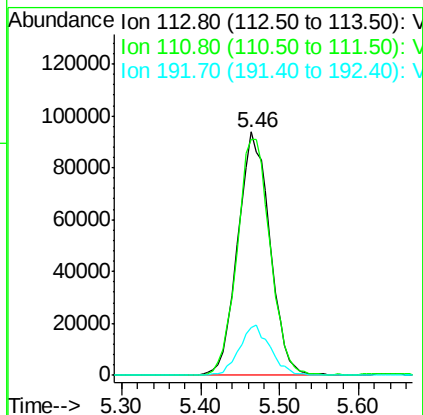
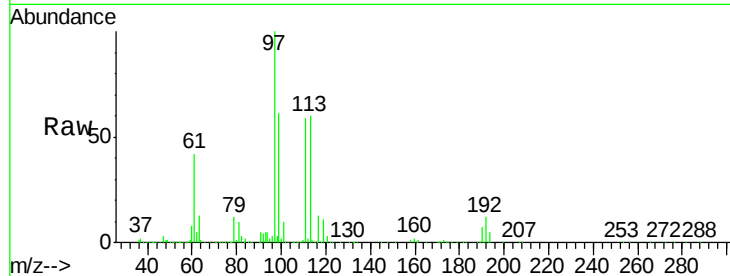
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	266021
Ion Ratio	Lower	Upper	
113	100		
111	99.7	81.6	122.4
192	19.9	15.8	23.8

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#36

1,1-Dichloropropene

Concen: 50.304 ug/l

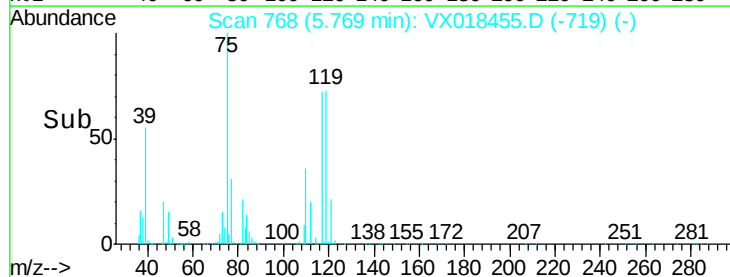
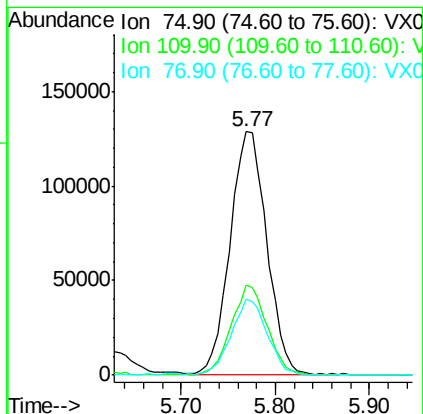
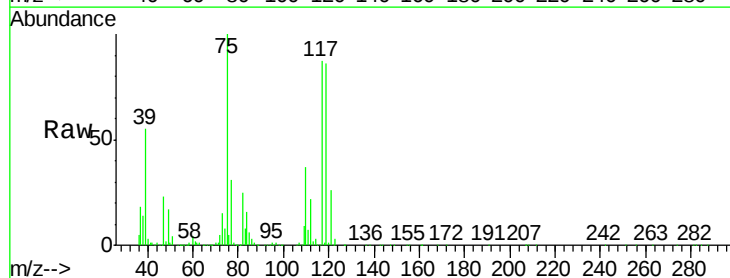
RT: 5.77 min Scan# 768

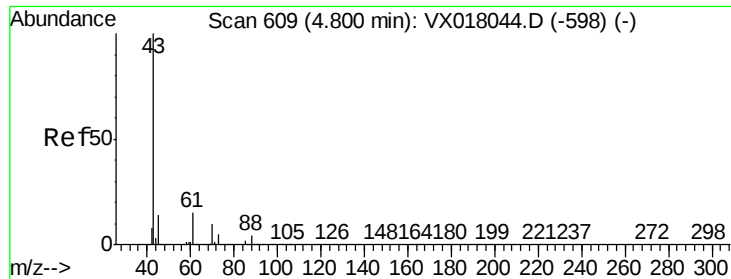
Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Tgt Ion:	75	Resp:	345107
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.0	54.0
77	30.7	24.4	36.6





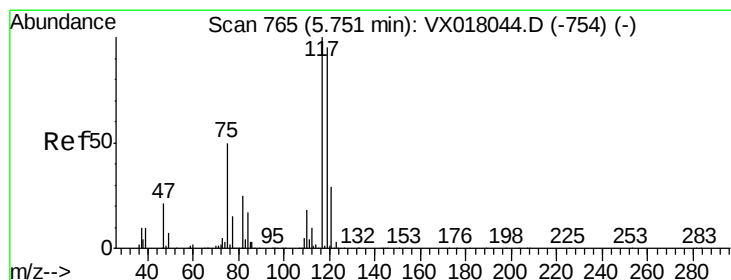
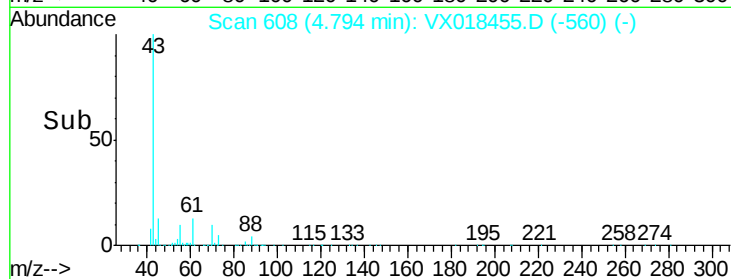
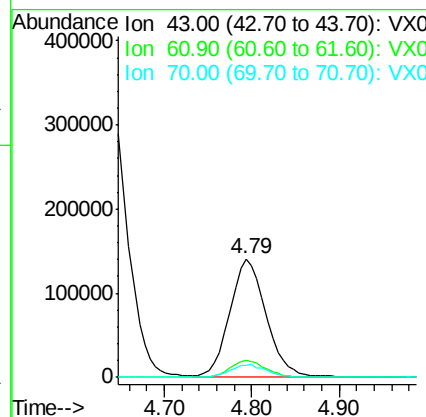
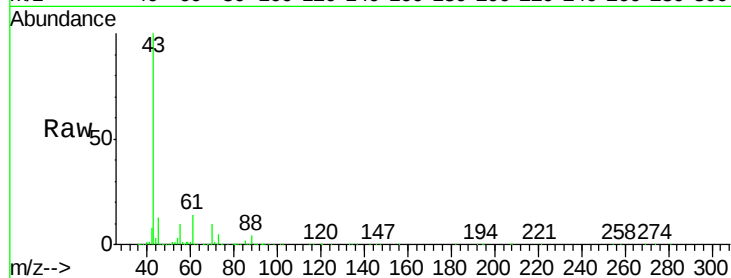
#37
Ethyl Acetate
Concen: 50.510 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	402465
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.3	16.9
70	10.5	8.2	12.4

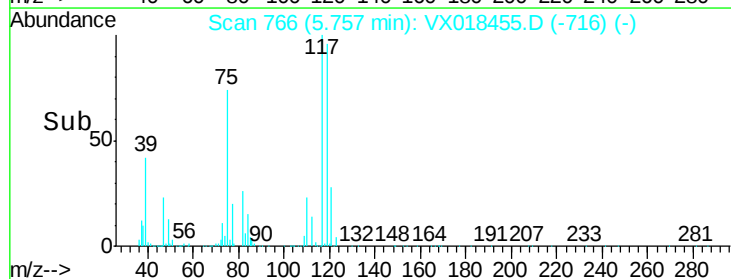
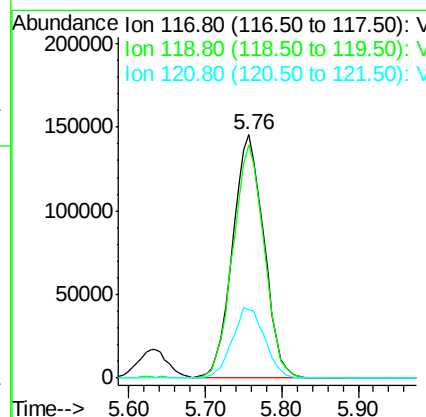
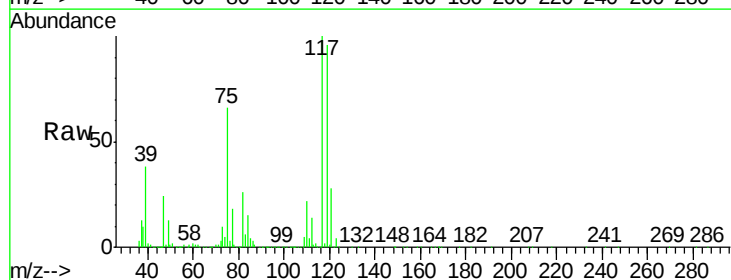
Manual Integrations
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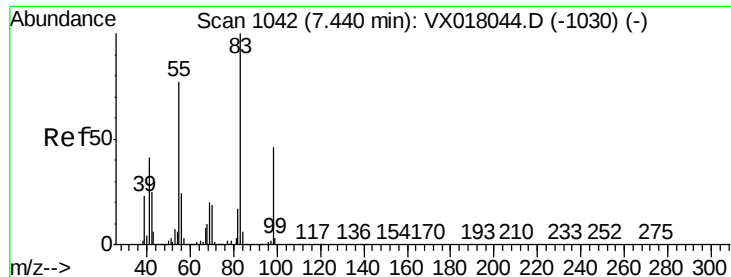
MMDadoda
9/17/2020 11:24:09 AM



#38
Carbon Tetrachloride
Concen: 53.202 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion:	117	Resp:	411329
Ion Ratio	Lower	Upper	
117	100		
119	95.7	75.8	113.6
121	28.2	23.4	35.0





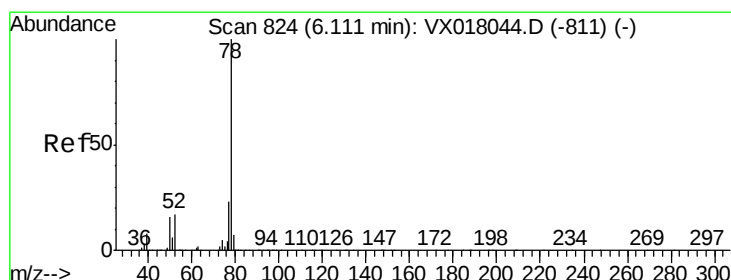
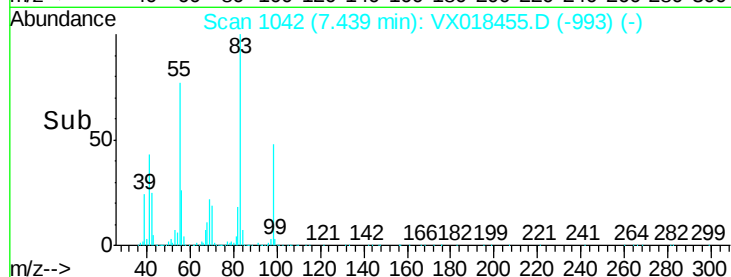
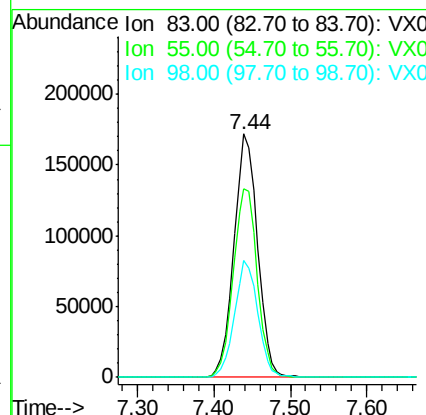
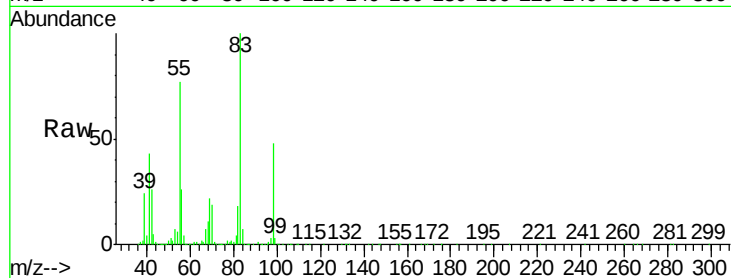
#39
Methvlcvclohexane
Concen: 49.084 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.8	92.6
98	47.6	36.6	55.0

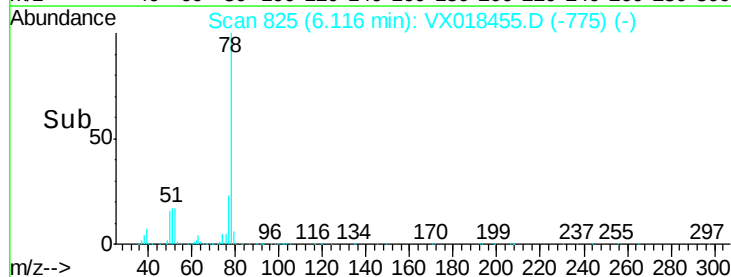
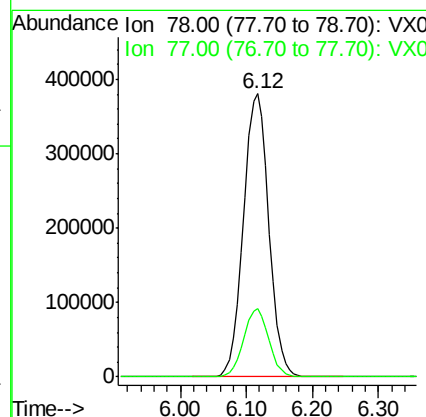
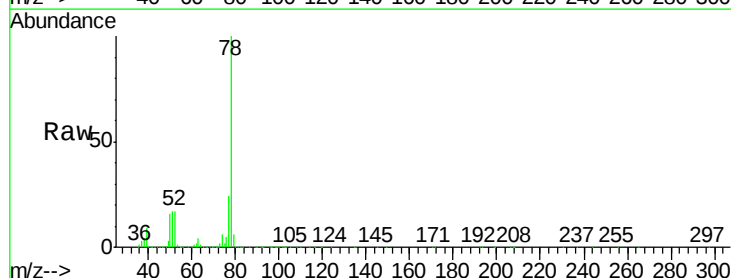
Manual Integrations
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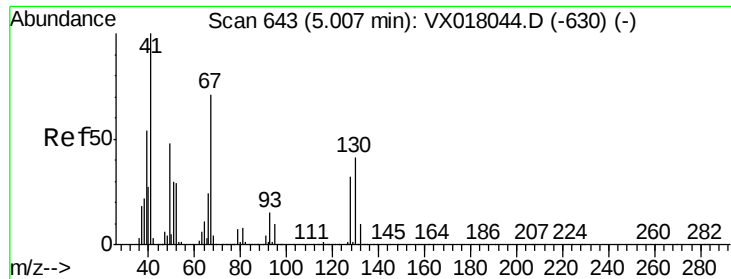
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#40
Benzene
Concen: 50.276 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2





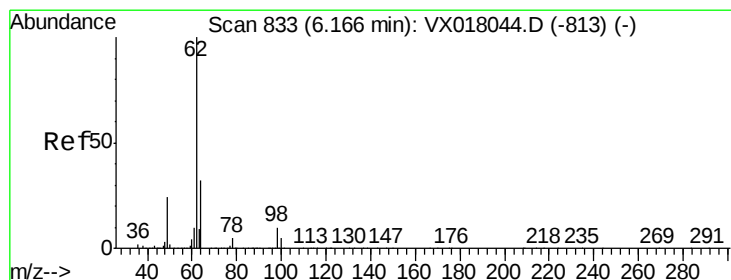
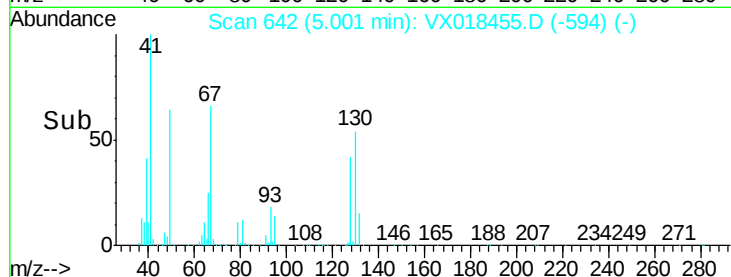
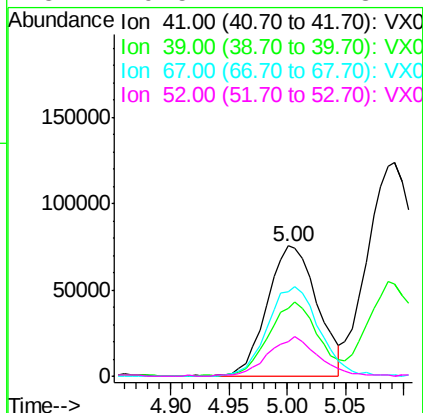
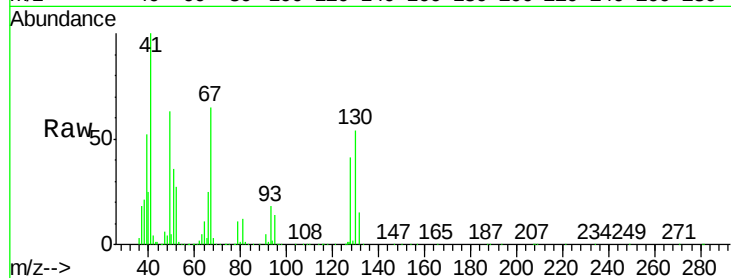
#41
Methacrylonitrile
Concen: 51.346 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.4	43.1	64.7
67	70.7	56.0	84.0
52	29.5	22.7	34.1

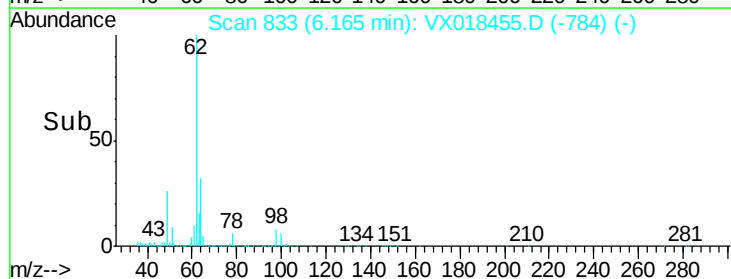
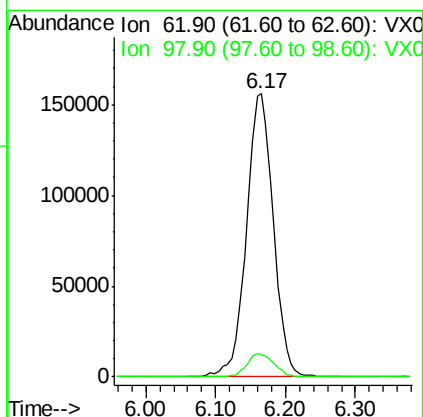
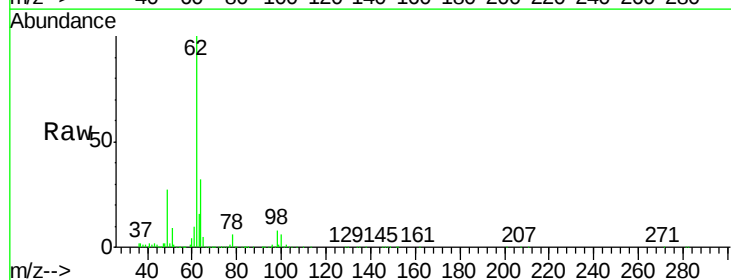
Manual Integrations
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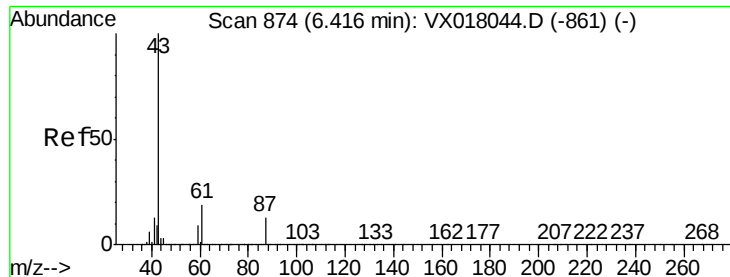
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.807 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.2





#43

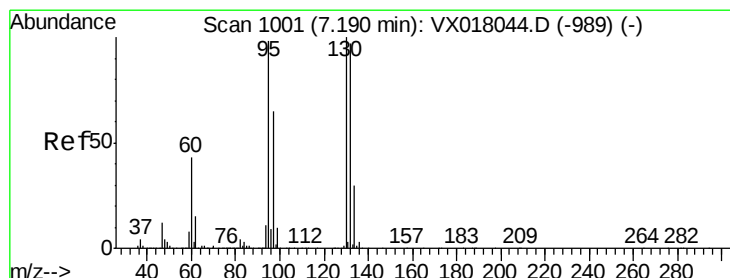
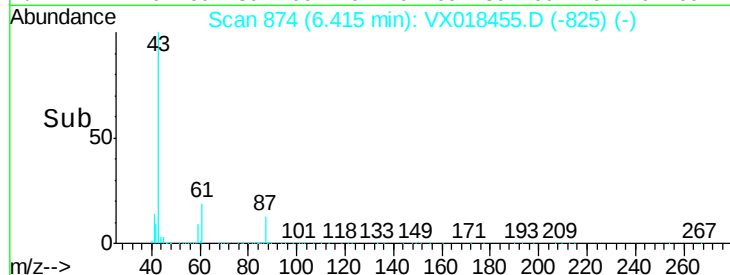
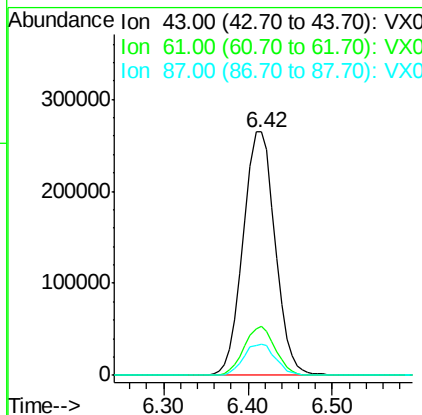
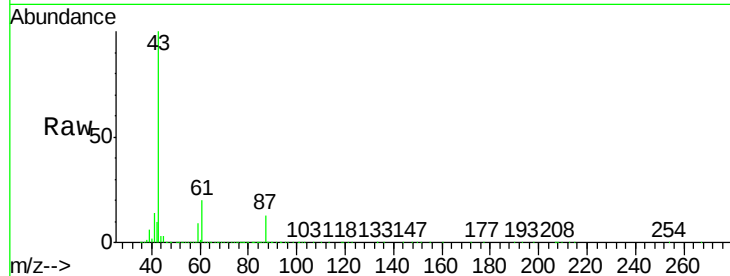
Isopropyl Acetate
 Concen: 52.774 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018455.D
 Acq: 16 Sep 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	12.8	10.3	15.5

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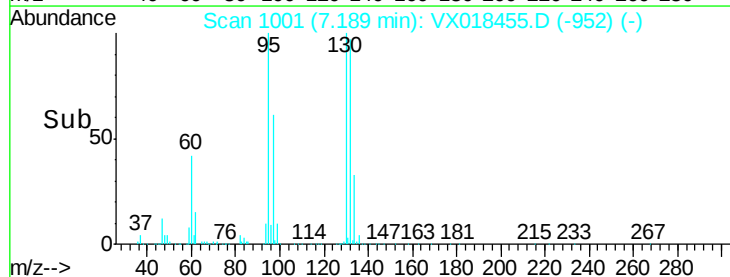
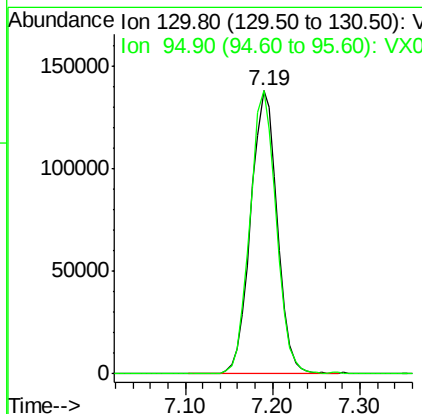
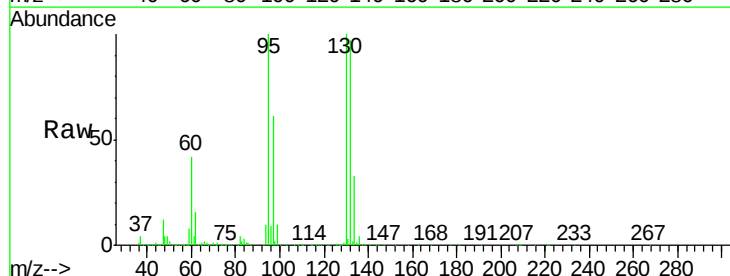
MMDadoda
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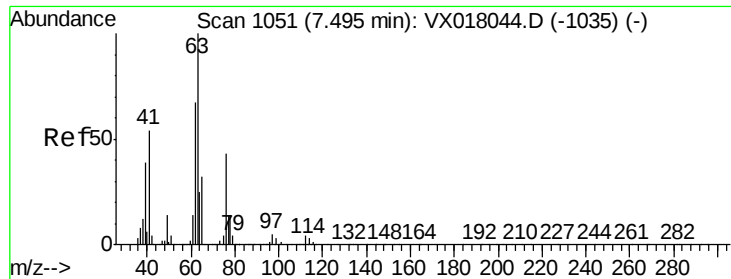


#44

Trichloroethene
 Concen: 50.896 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018455.D
 Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	196.4





#45

1,2-Dichloropropane

Concen: 52.665 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 286136

Ion Ratio Lower Upper

63 100

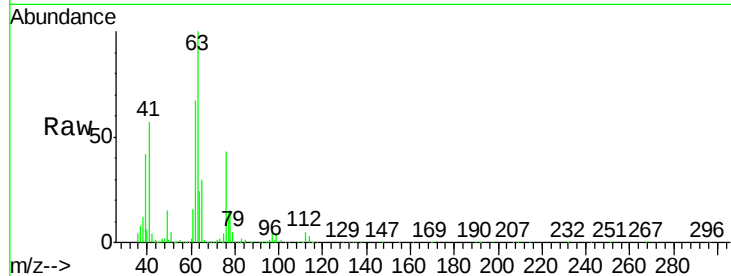
65 30.1 25.7 38.5

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

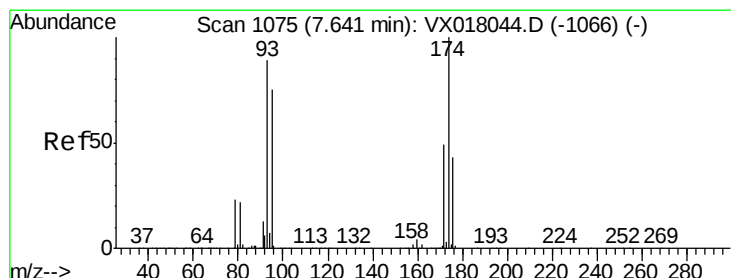
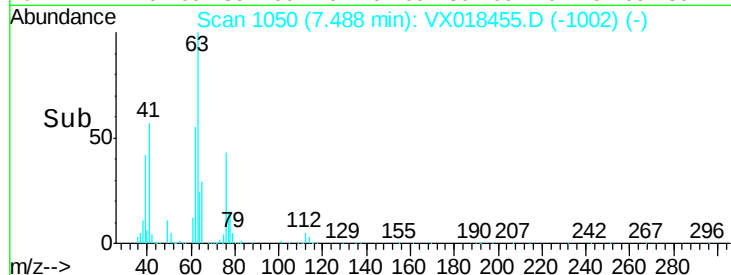
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 51.134 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

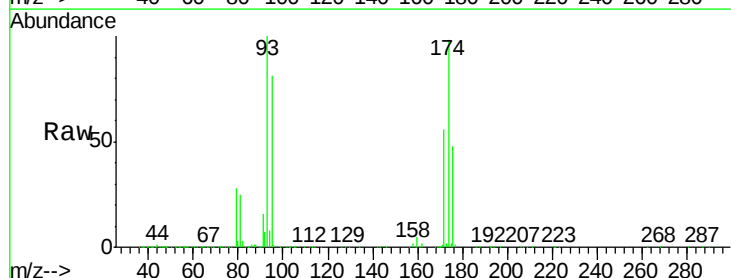
Tgt Ion: 93 Resp: 195365

Ion Ratio Lower Upper

93 100

95 81.8 67.3 100.9

174 102.7 82.2 123.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

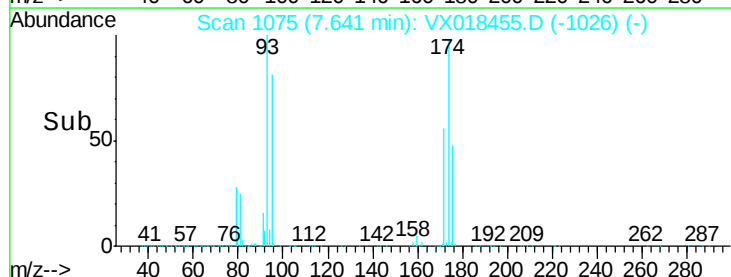
7.64

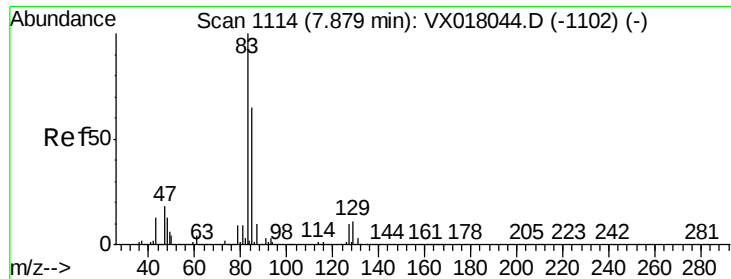
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 54.060 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

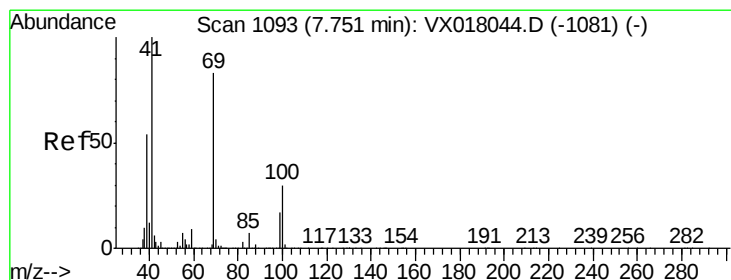
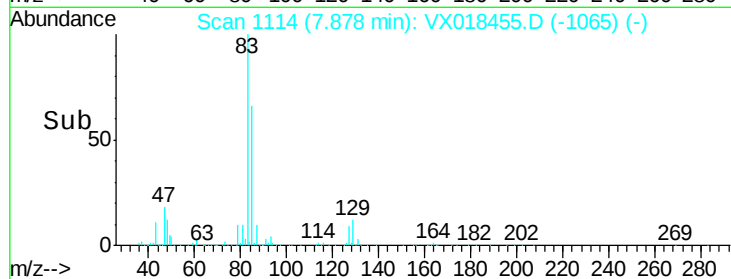
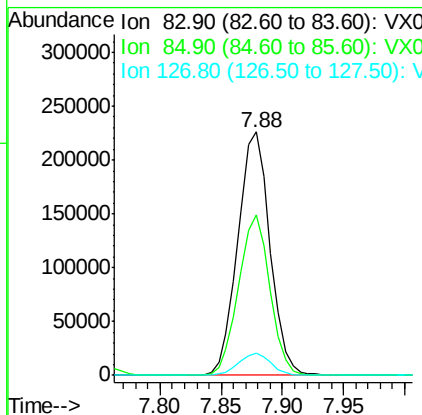
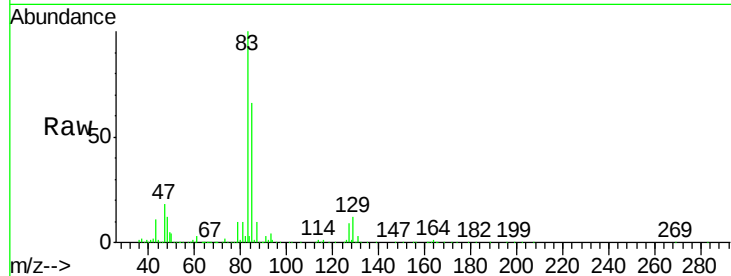
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	412408
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.8	77.6
127	8.9	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.497 ug/l

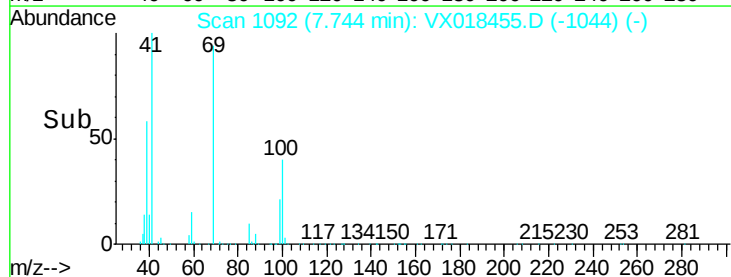
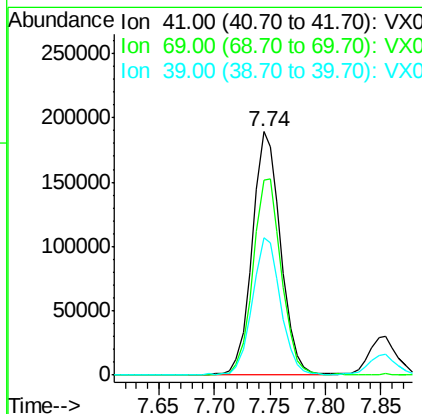
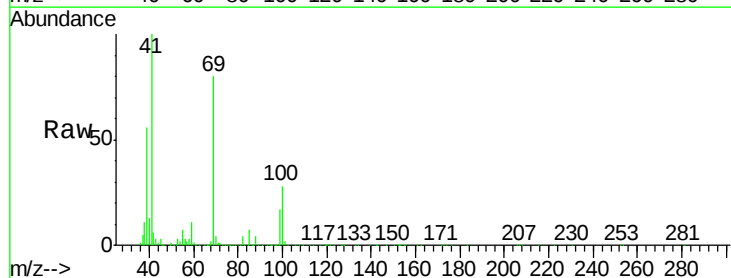
RT: 7.74 min Scan# 1092

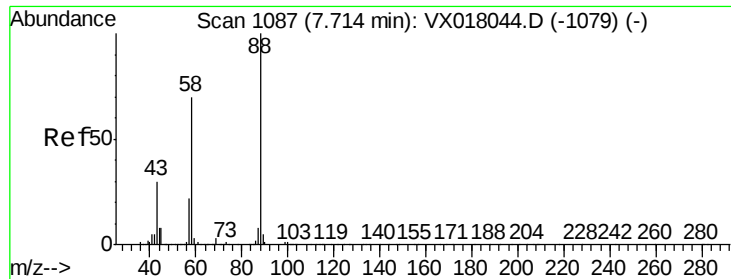
Delta R.T. -0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Tgt Ion:	41	Resp:	336331
Ion	Ratio	Lower	Upper
41	100		
69	81.3	65.5	98.3
39	56.1	44.5	66.7





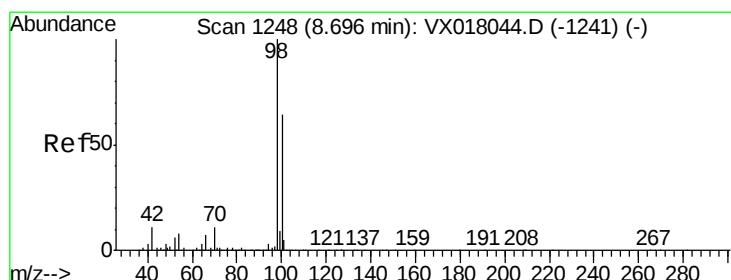
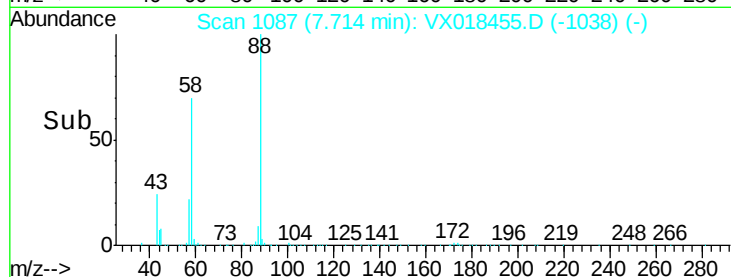
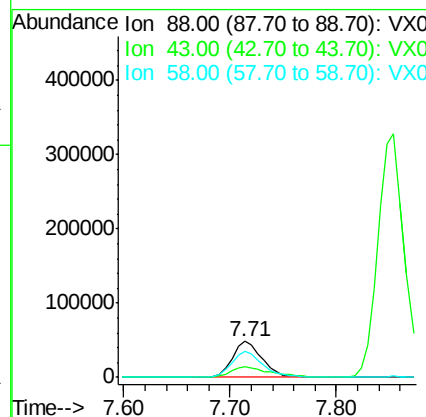
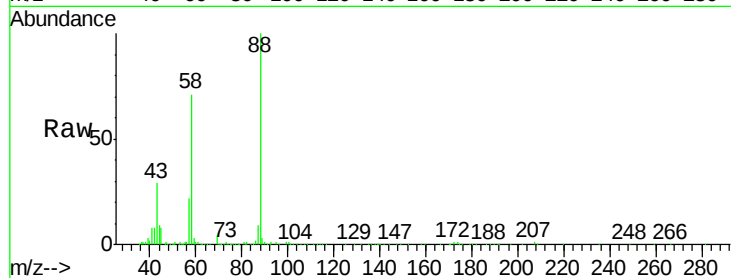
#49
1,4-Dioxane
Concen: 815.010 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	27.4	41.0
58	75.2	56.4	84.6

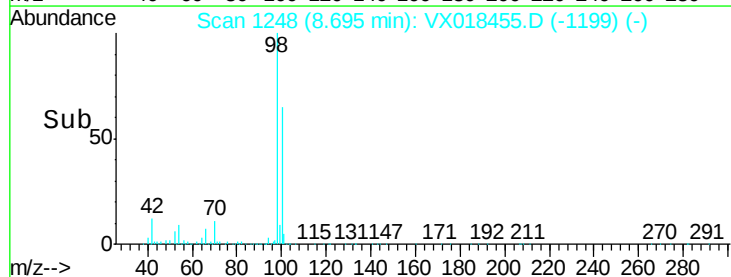
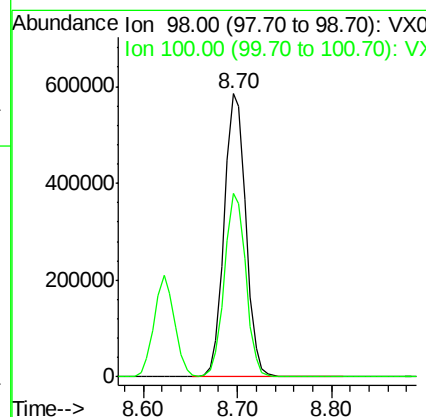
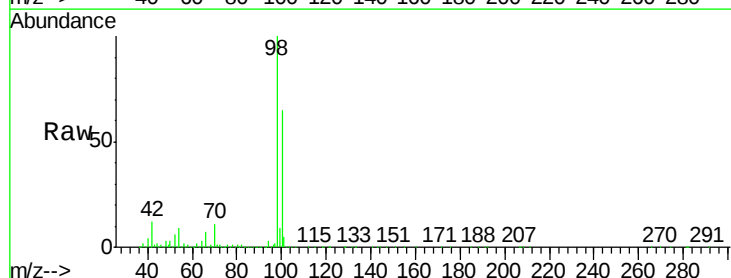
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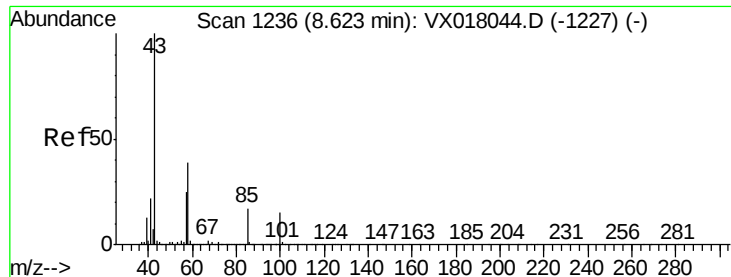
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#50
Toluene-d8
Concen: 49.271 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 265.448 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2110251

Ion Ratio Lower Upper

43 100

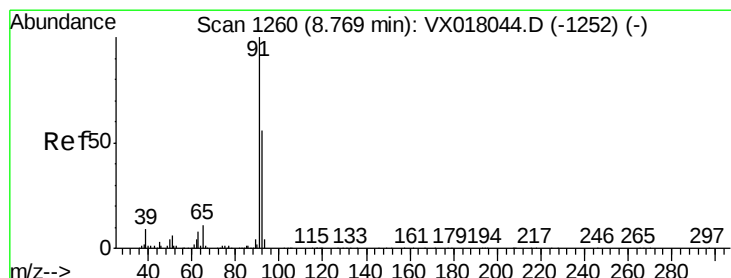
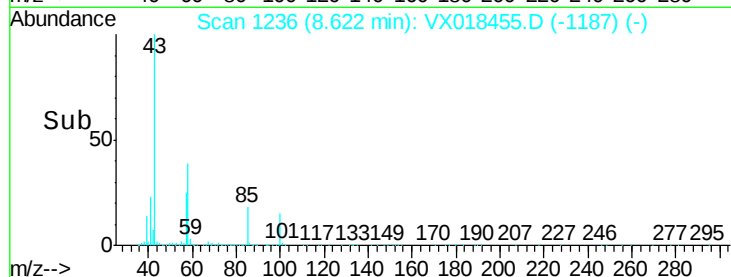
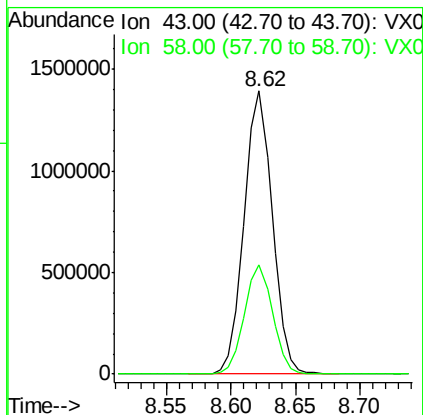
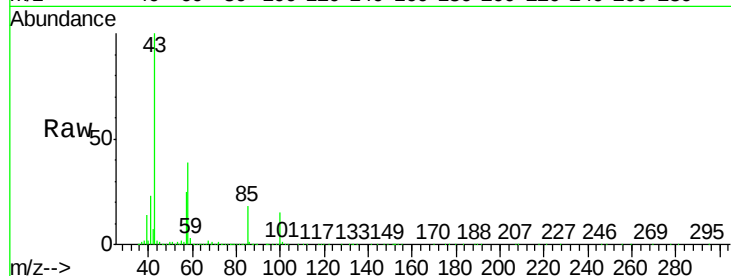
58 38.5 30.7 46.1

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#52

Toluene

Concen: 51.247 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018455.D

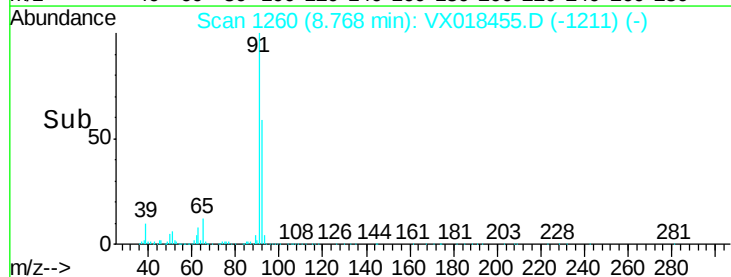
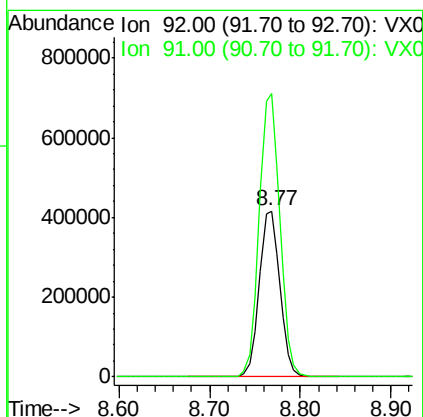
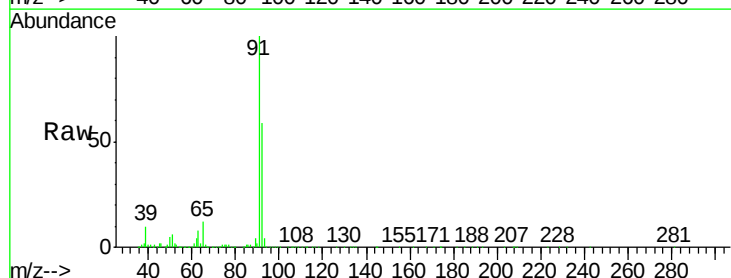
Acq: 16 Sep 2020 21:01

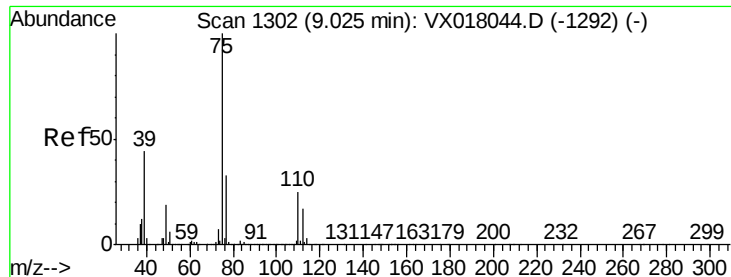
Tgt Ion: 92 Resp: 655069

Ion Ratio Lower Upper

92 100

91 171.4 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 53.174 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 449583

Ion Ratio Lower Upper

75 100

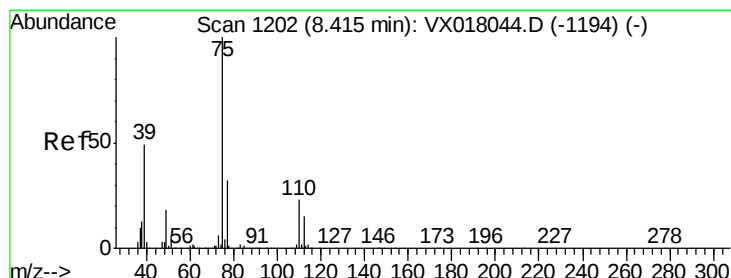
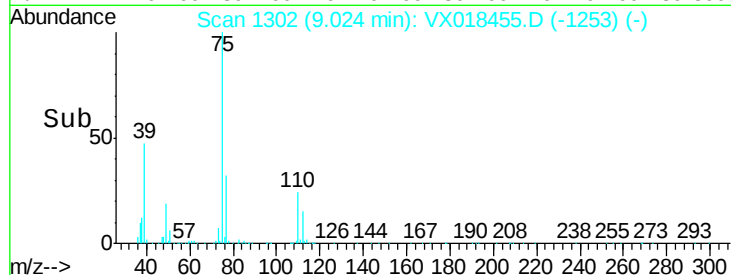
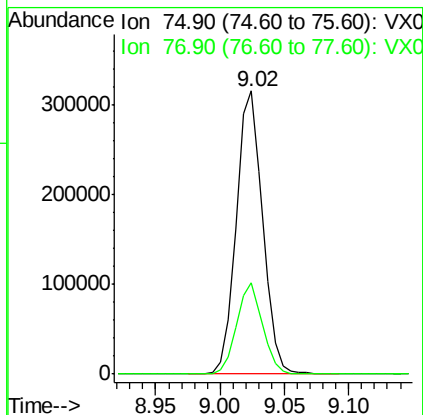
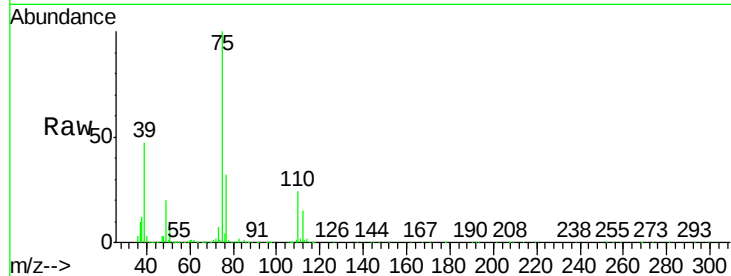
77 32.3 26.6 39.8

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#54

cis-1,3-Dichloropropene

Concen: 51.583 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

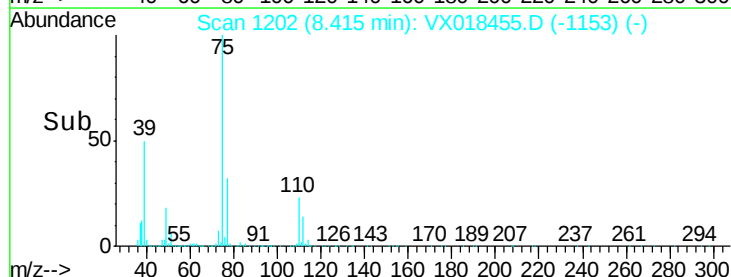
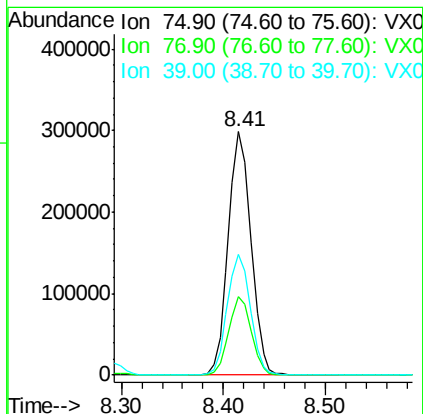
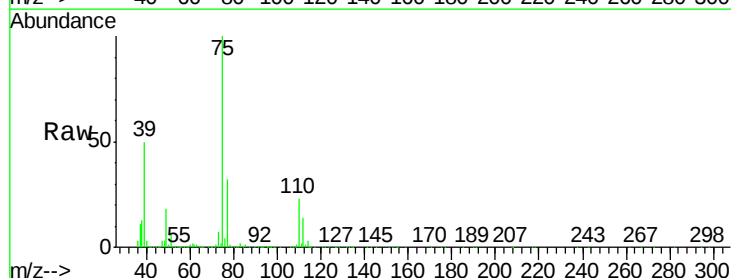
Tgt Ion: 75 Resp: 462005

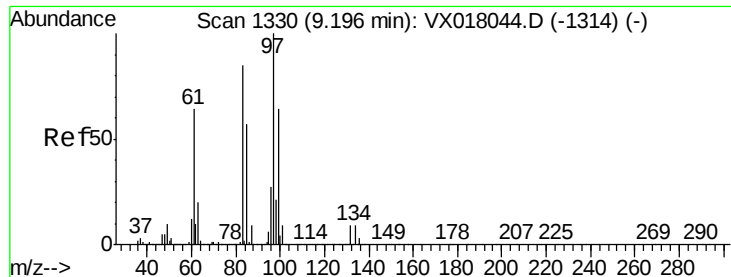
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.8

39 49.5 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 52.099 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

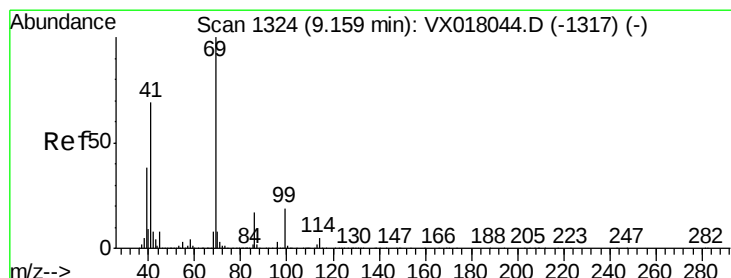
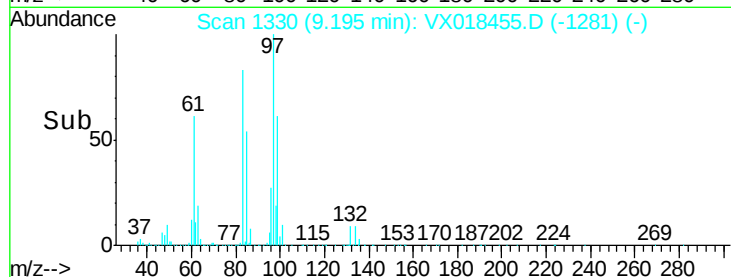
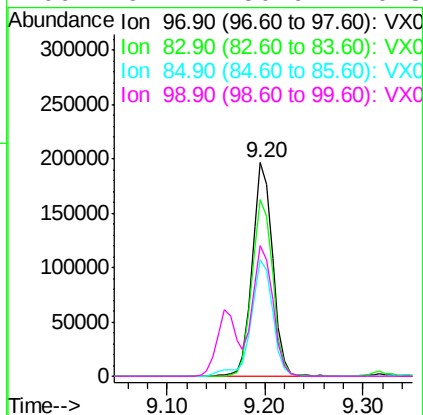
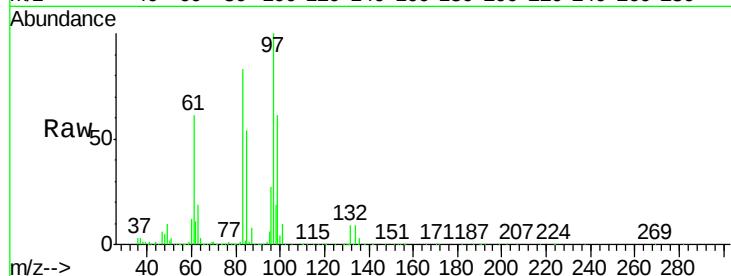
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		284024		
83	82.8	67.8	101.6		
85	54.5	45.3	67.9		
99	61.1	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 53.692 ug/l

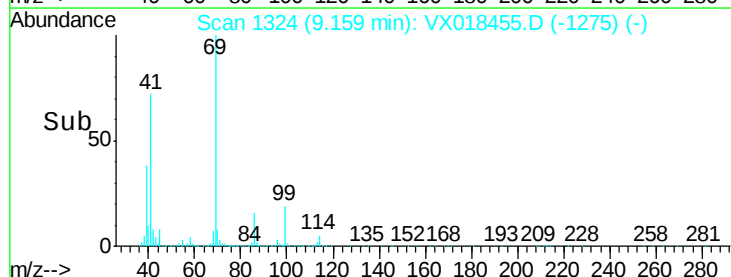
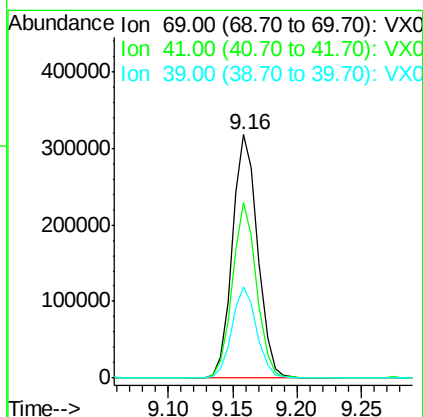
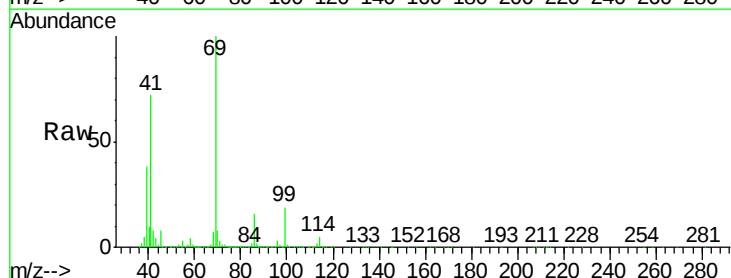
RT: 9.16 min Scan# 1324

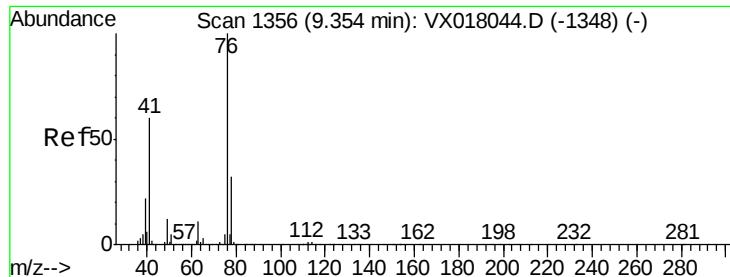
Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		435146		
41	68.9	54.6	81.8		
39	37.1	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 51.702 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 464893

Ion Ratio Lower Upper

76 100

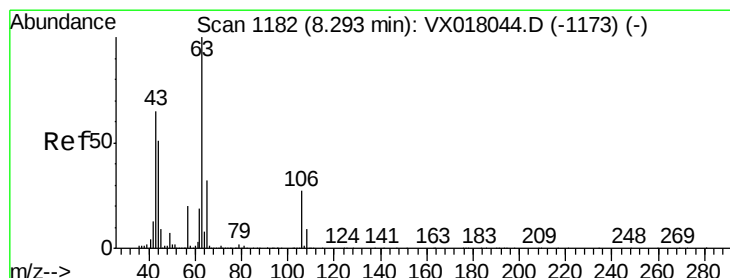
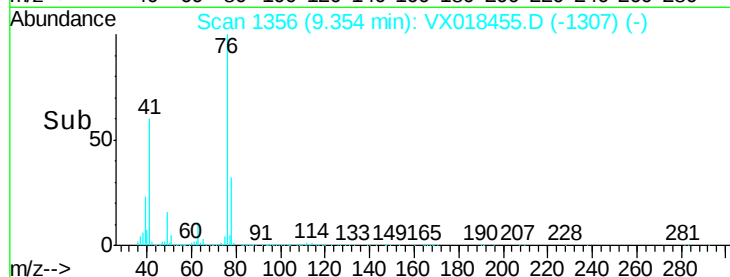
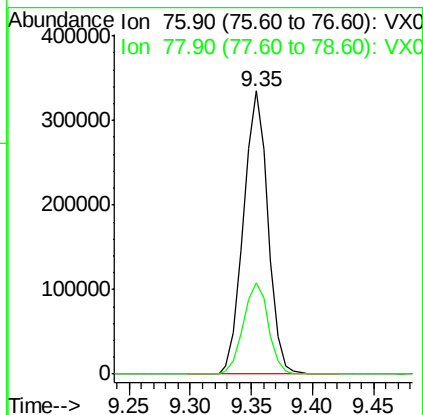
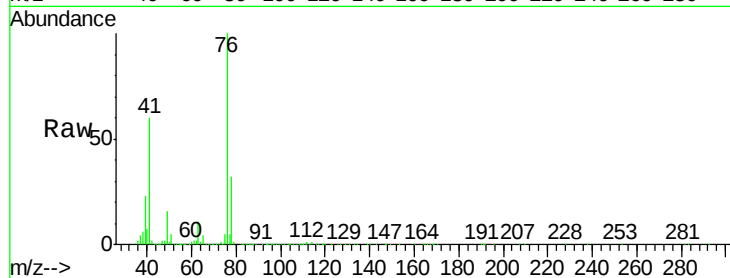
78 33.1 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 296.186 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018455.D

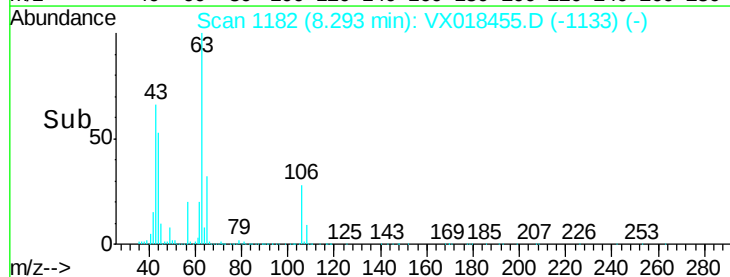
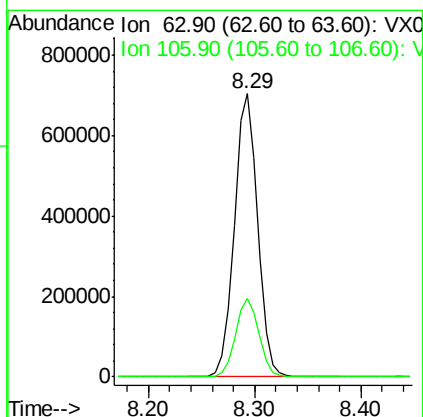
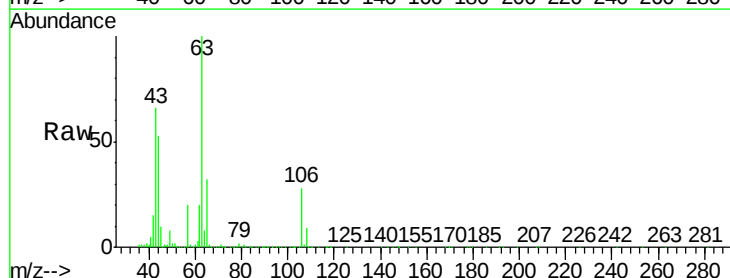
Acq: 16 Sep 2020 21:01

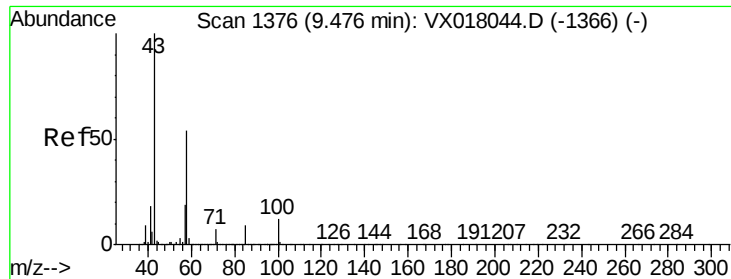
Tgt Ion: 63 Resp: 1079823

Ion Ratio Lower Upper

63 100

106 27.7 22.1 33.1





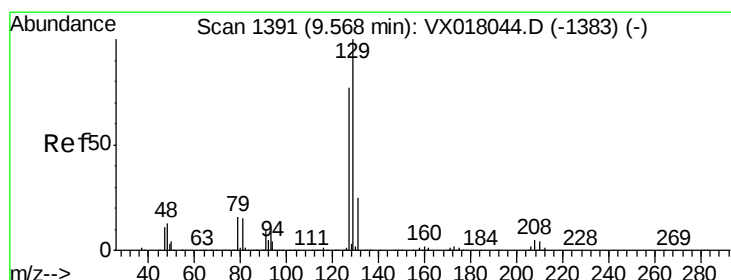
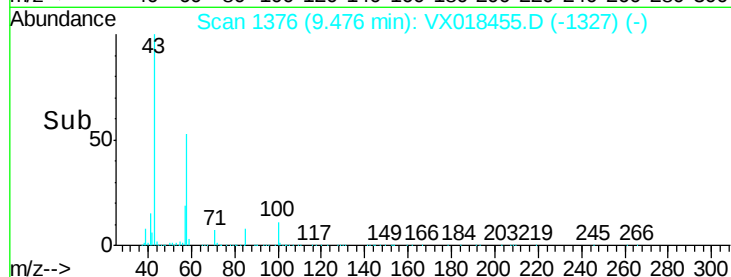
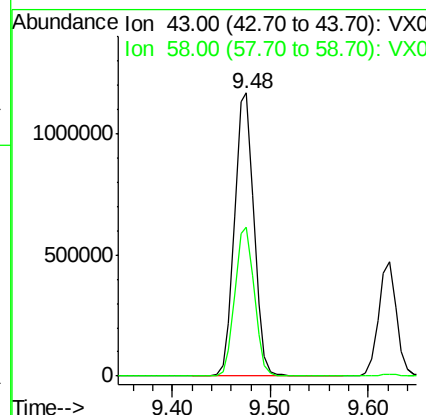
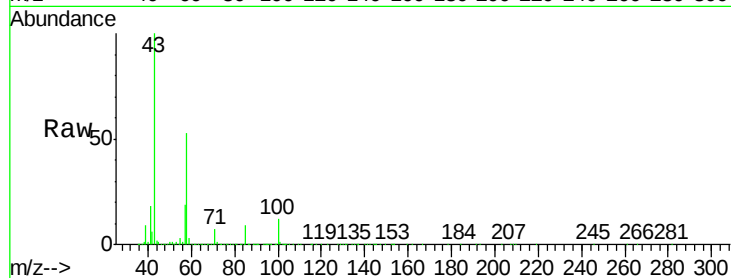
#59
2-Hexanone
Concen: 265.809 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1606787
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7

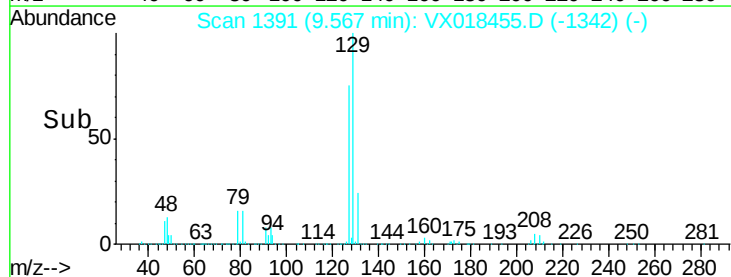
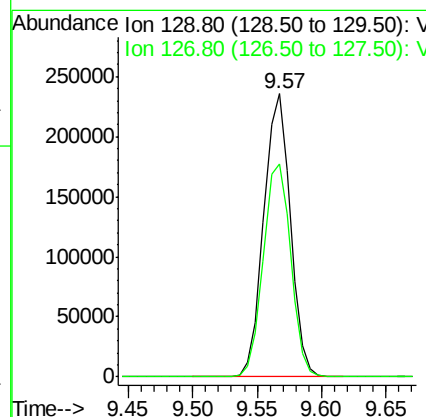
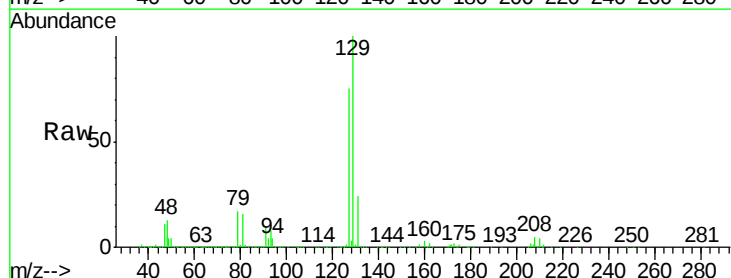
Manual Integrations
APPROVED

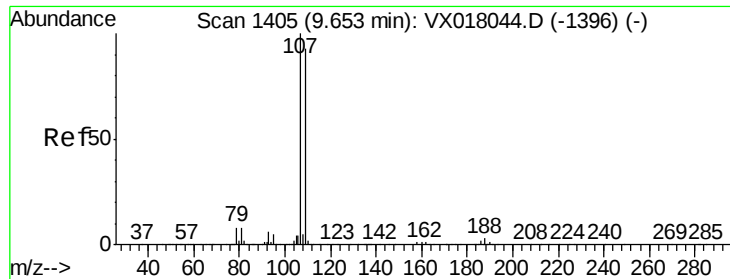
MMDadoda
9/17/2020 11:24:09 AM



#60
Dibromochloromethane
Concen: 52.686 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion: 129 Resp: 336943
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6





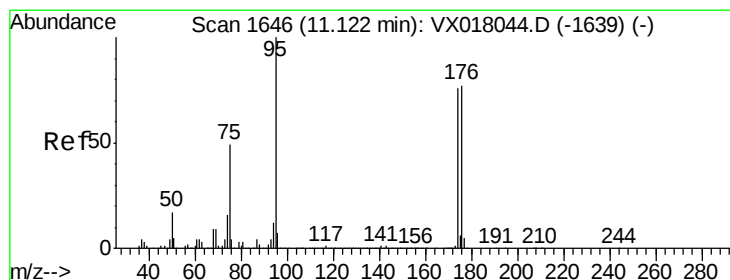
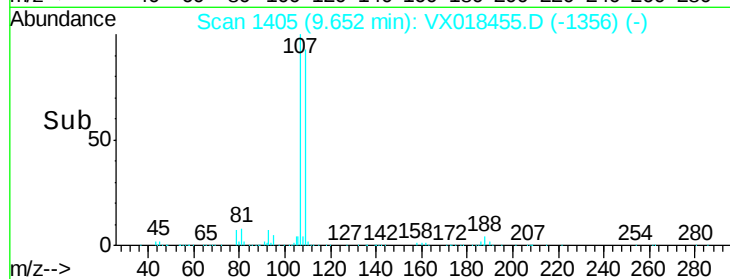
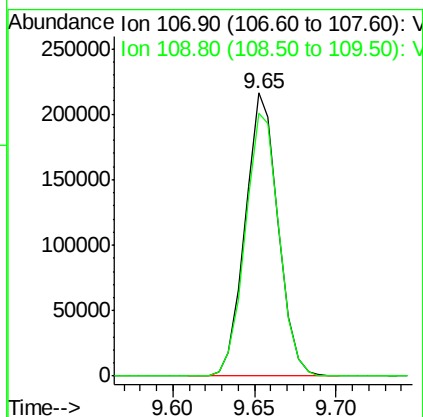
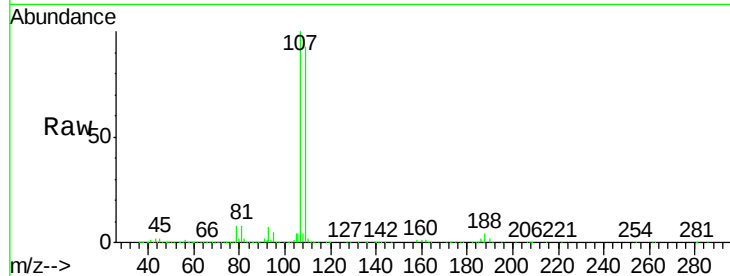
#61
 1,2-Dibromoethane
 Concen: 51.135 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018455.D
 Acq: 16 Sep 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.9	113.9

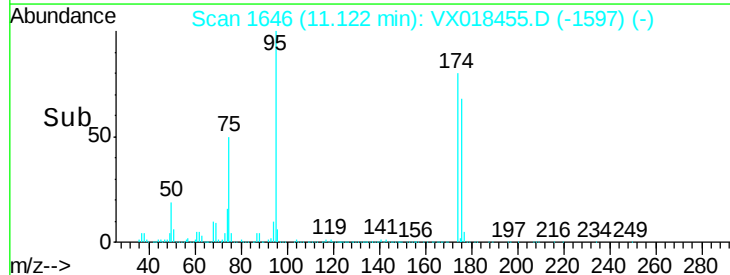
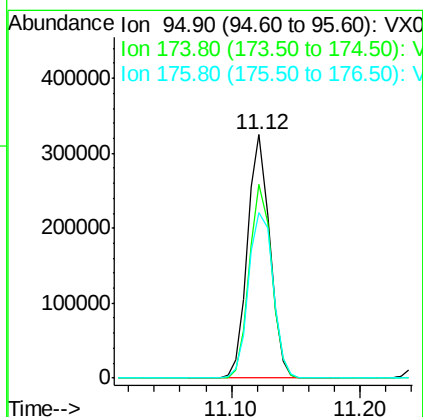
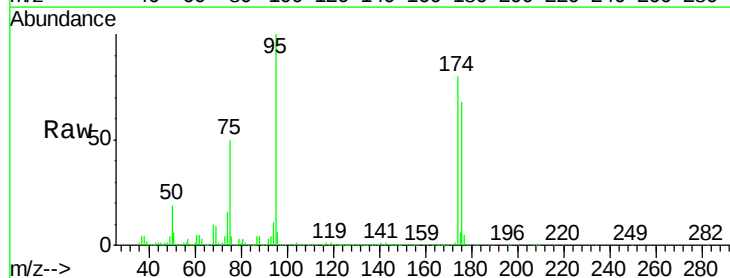
Manual Integrations
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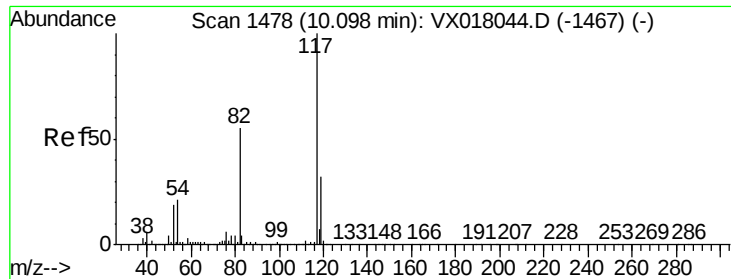
MMDadoda
 9/17/2020 11:24:09 AM



#62
 4-Bromofluorobenzene
 Concen: 52.052 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018455.D
 Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	160.2
176	75.1	0.0	155.8





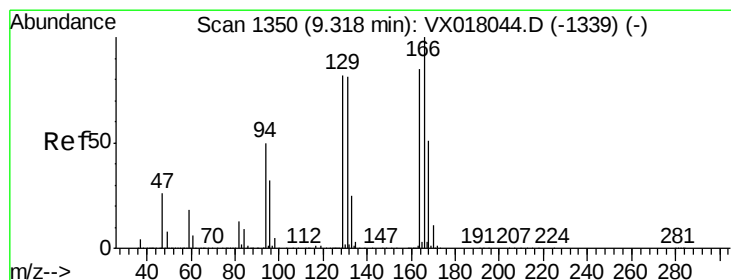
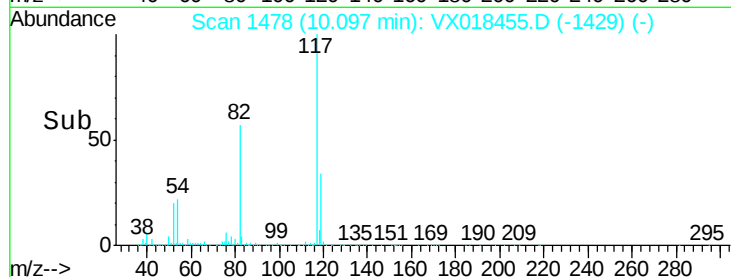
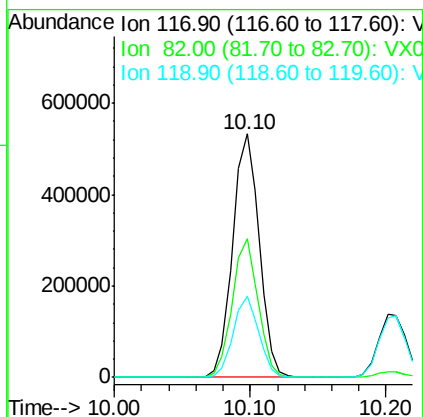
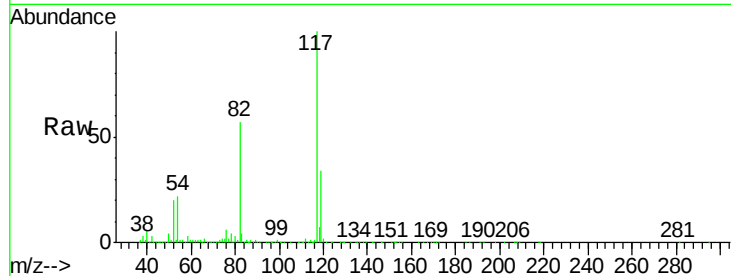
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	724640		
82	56.9	44.2	66.2	
119	33.6	25.7	38.5	

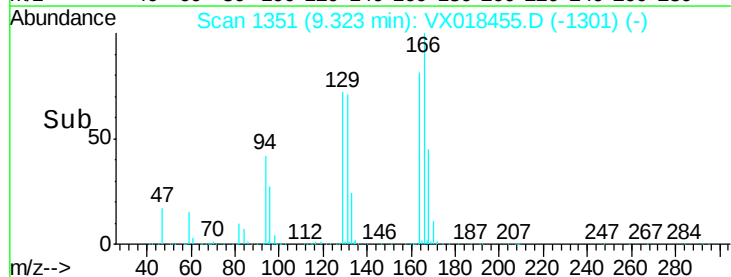
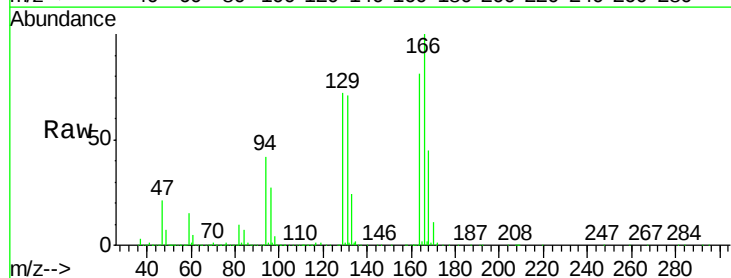
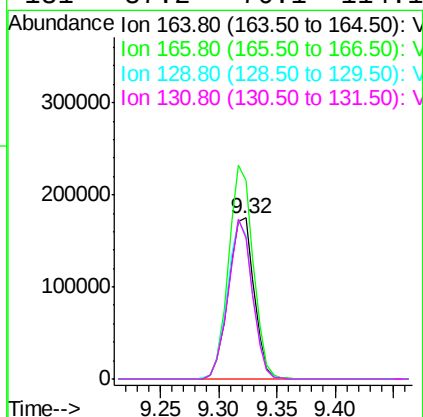
Manual Integrations
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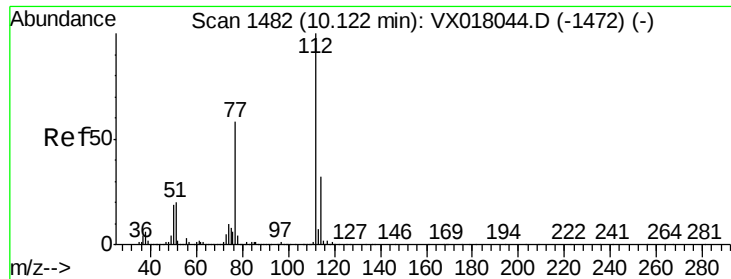
MMDadoda
9/17/2020 11:24:09 AM



#64
Tetrachloroethene
Concen: 50.338 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	268052		
166	122.9	94.2	141.2	
129	88.6	76.9	115.3	
131	87.2	76.1	114.1	





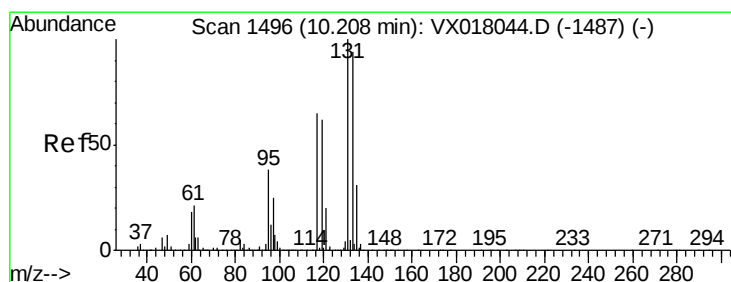
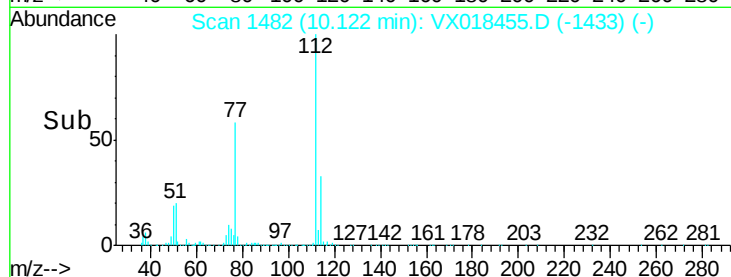
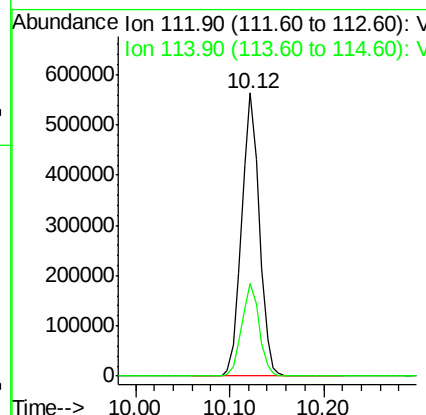
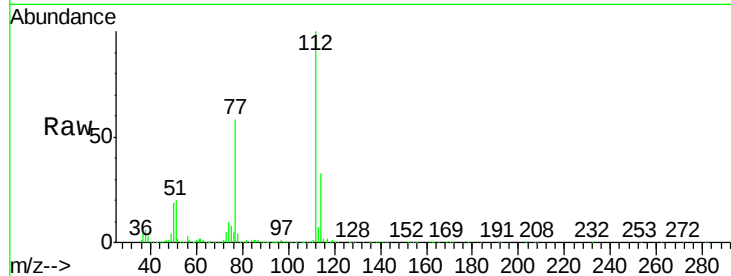
#65
Chlorobenzene
Concen: 50.982 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 737837
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

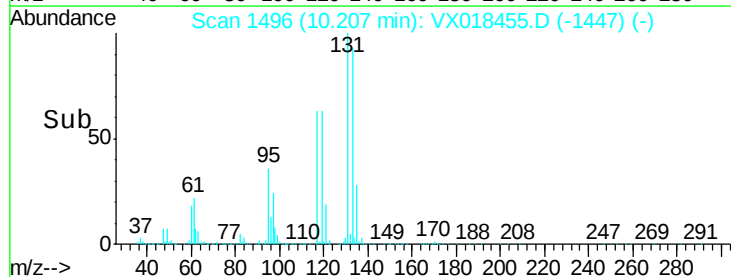
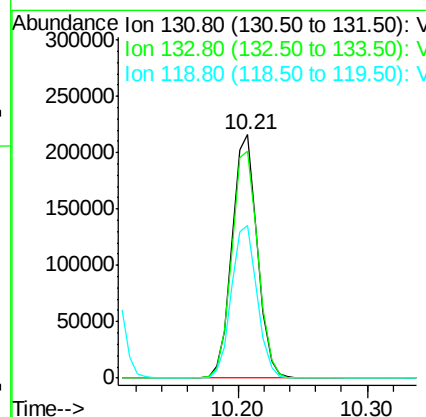
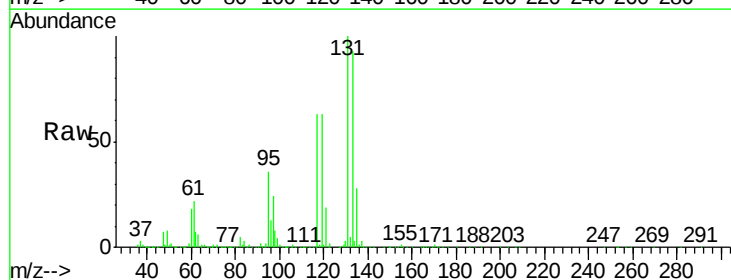
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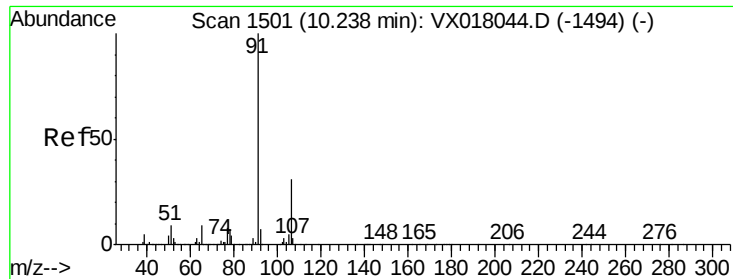
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.294 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion:131 Resp: 298294
Ion Ratio Lower Upper
131 100
133 96.3 46.7 140.1
119 63.7 31.8 95.4





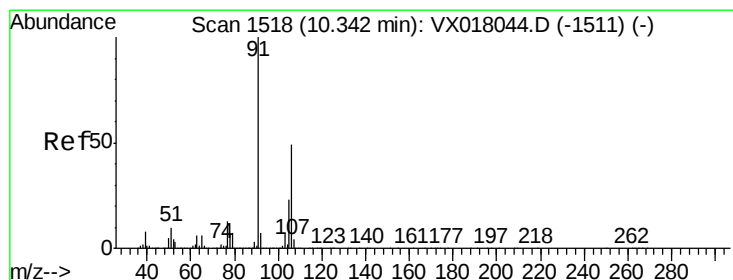
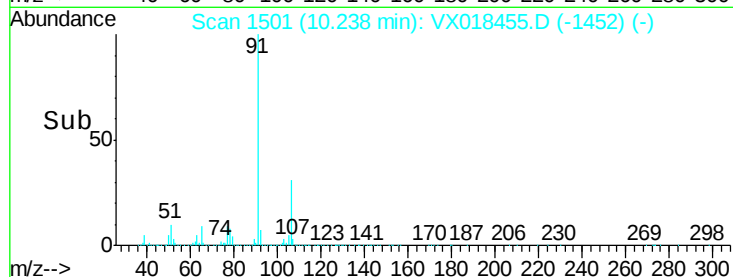
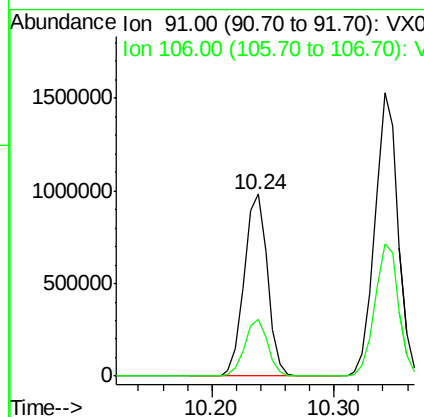
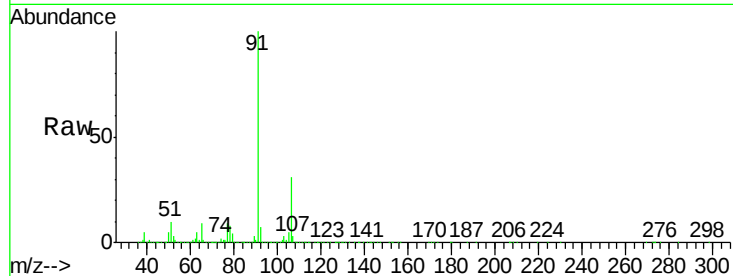
#67
Ethyl Benzene
Concen: 52.580 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1294115
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

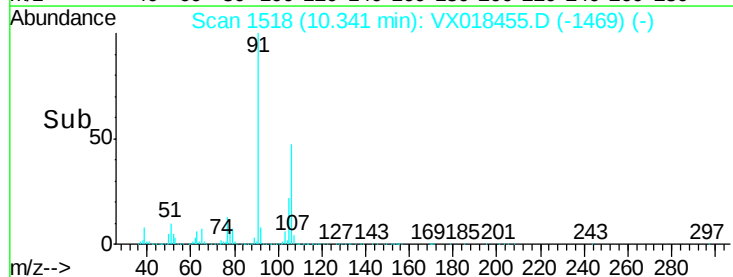
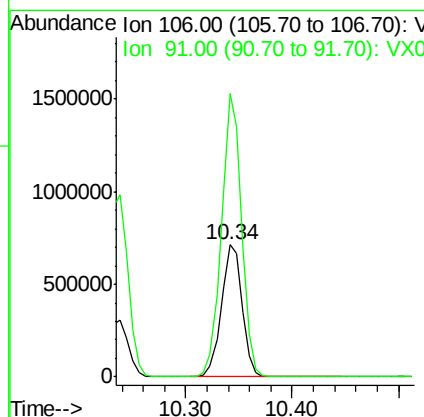
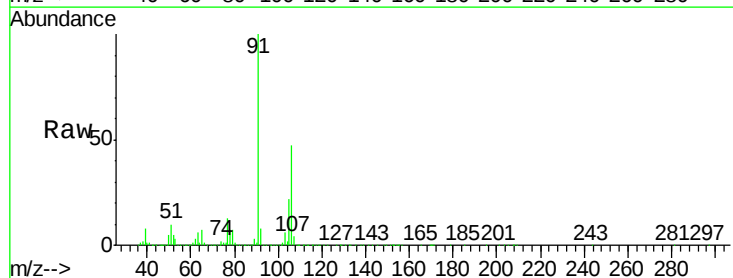
Manual Integrations
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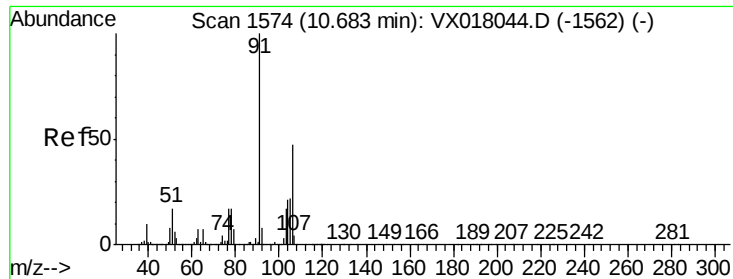
MMDadoda
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#68
m/p-Xylenes
Concen: 105.261 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion: 106 Resp: 966968
Ion Ratio Lower Upper
106 100
91 207.1 162.2 243.2





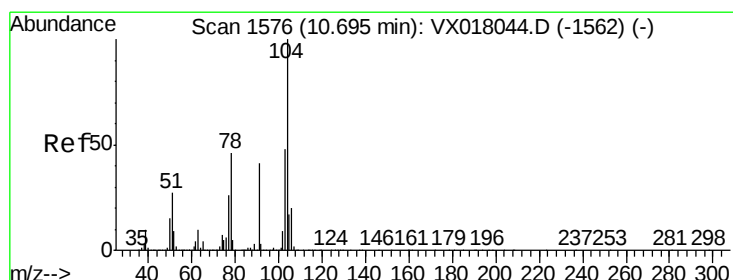
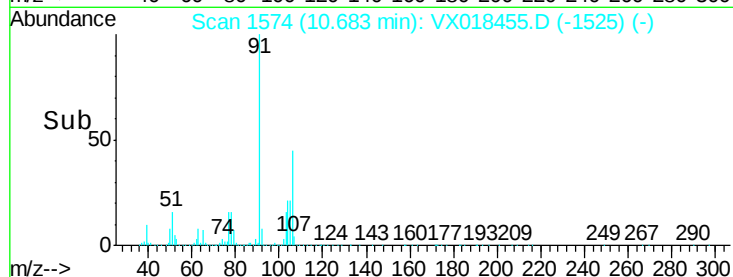
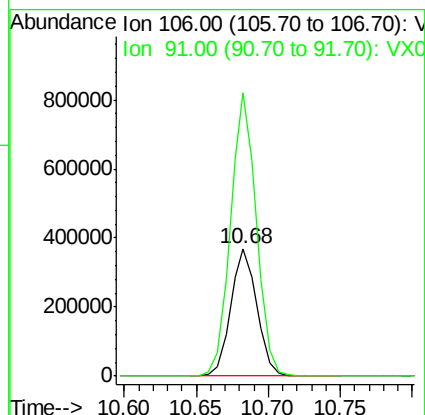
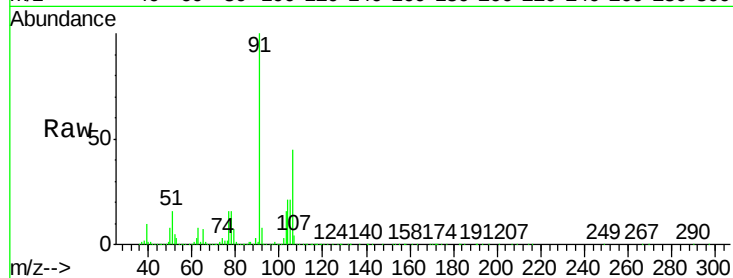
#69
o-Xylene
Concen: 52.666 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	469006		
91	219.1	107.1	321.3	

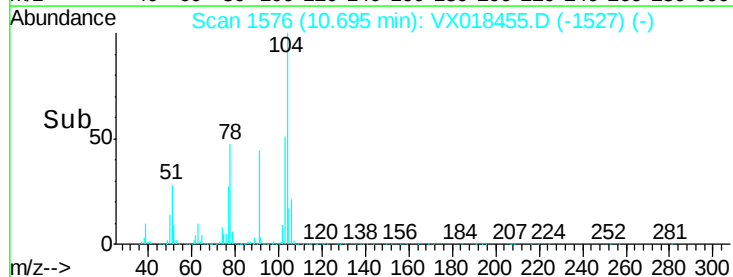
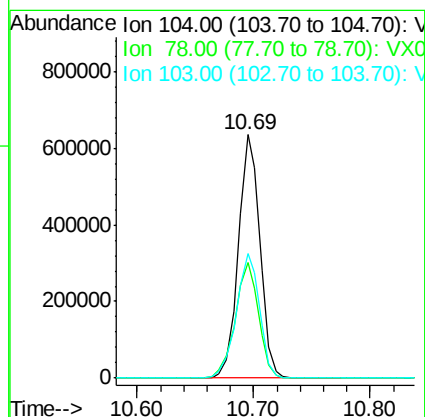
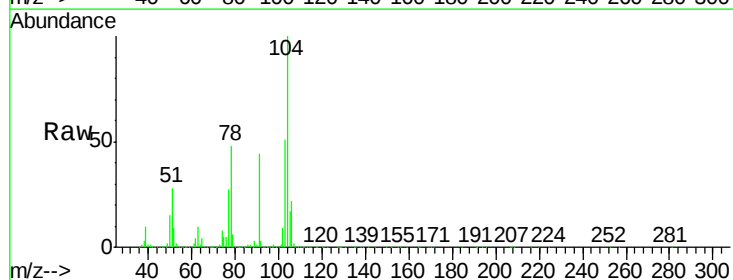
Manual Integrations
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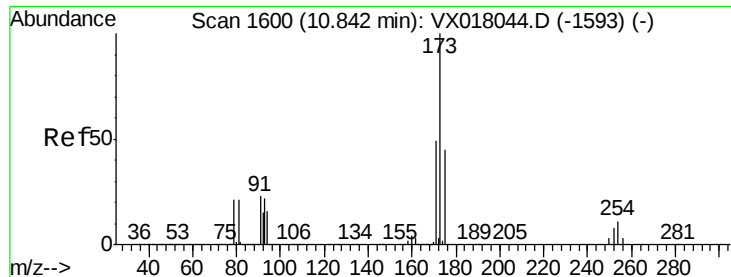
MMDadoda
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#70
Styrene
Concen: 54.141 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	821073		
78	51.7	40.9	61.3	
103	55.4	43.6	65.4	





#71

Bromoform

Concen: 56.066 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 272783

Ion Ratio Lower Upper

173 100

175 46.3 23.9 71.8

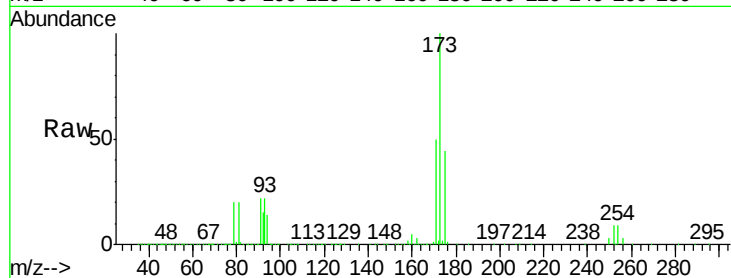
254 0.1 0.2 0.2#

Manual Integrations

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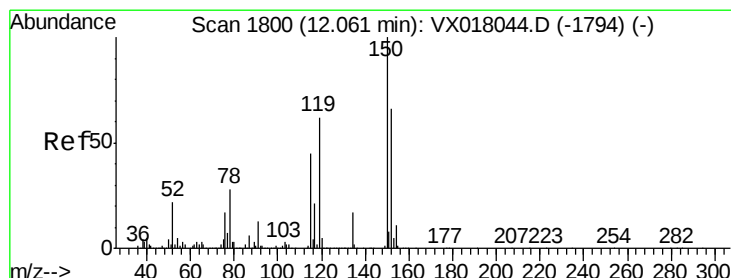
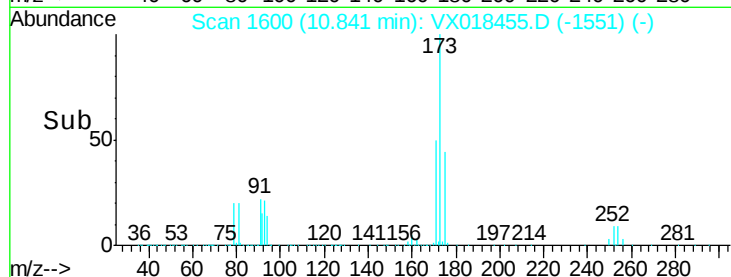
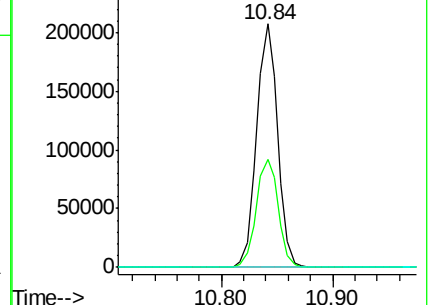
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

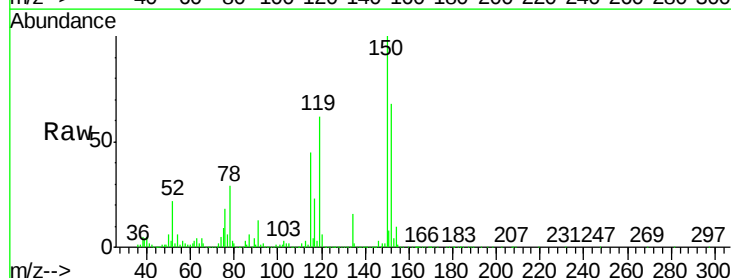
Tgt Ion:152 Resp: 391300

Ion Ratio Lower Upper

152 100

115 81.7 41.5 124.5

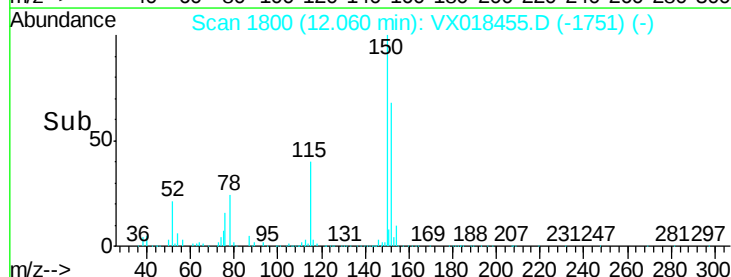
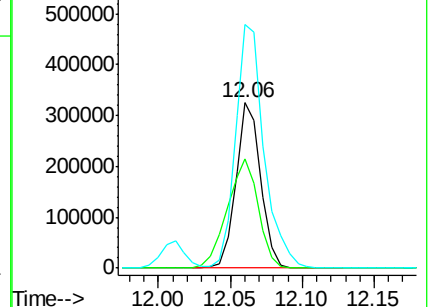
150 168.8 0.0 343.8

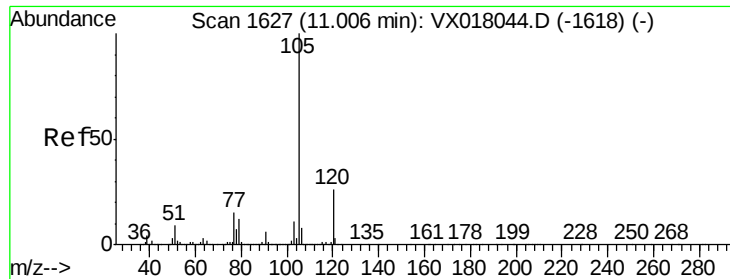


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.127 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1293794

Ion Ratio Lower Upper

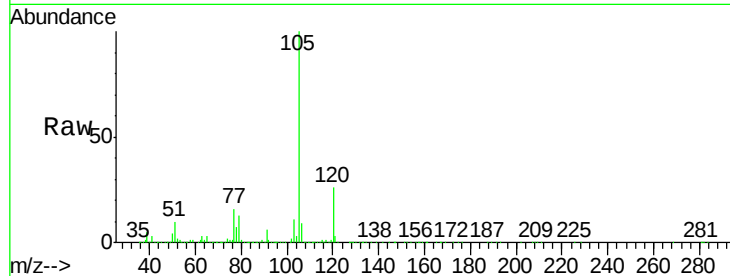
105 100

120 26.6 13.2 39.5

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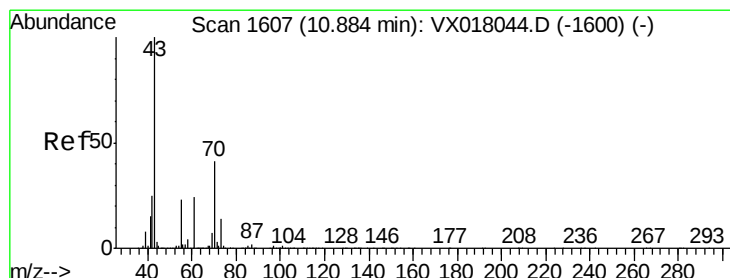
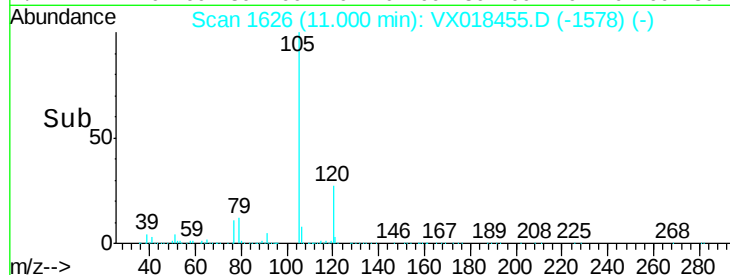
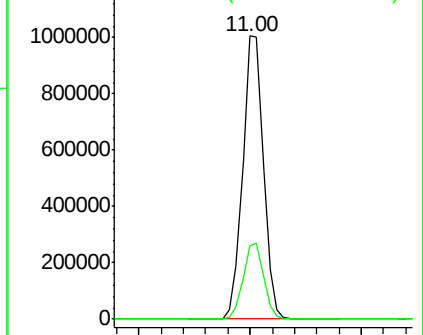
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.054 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Tgt Ion: 43 Resp: 612978

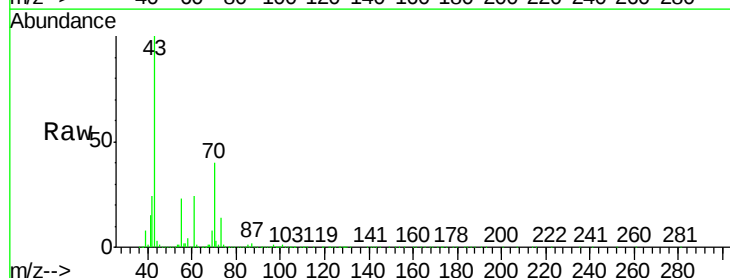
Ion Ratio Lower Upper

43 100

70 39.7 32.3 48.5

55 23.3 18.2 27.2

61 23.6 18.9 28.3

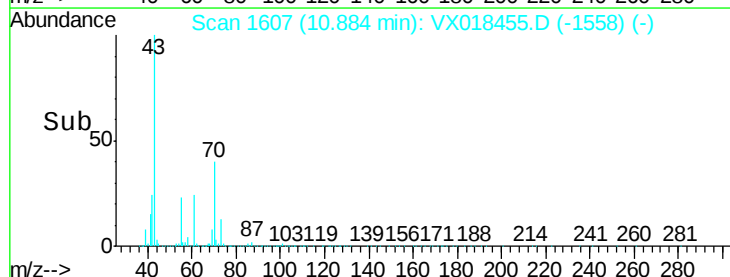
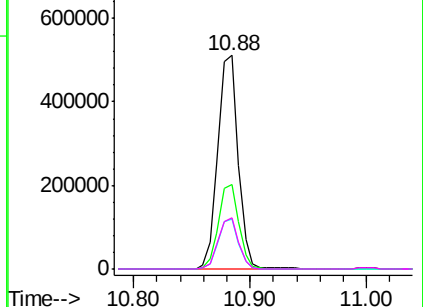


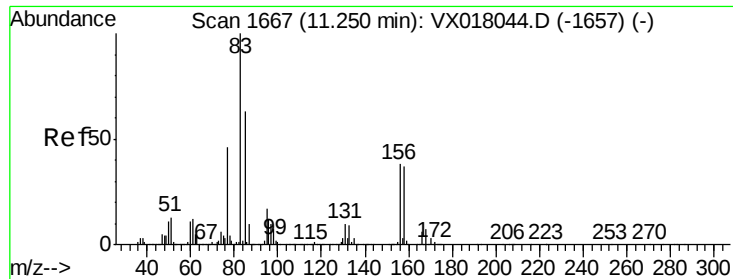
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.110 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 438049

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

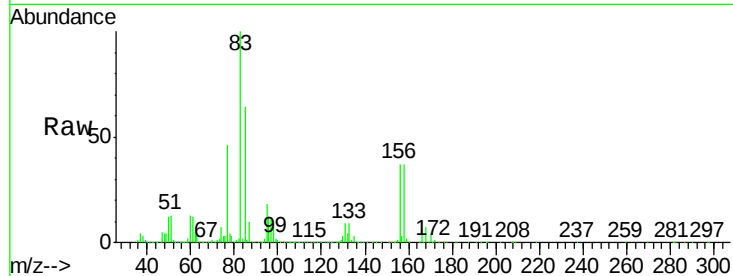
85 63.9 32.2 96.6

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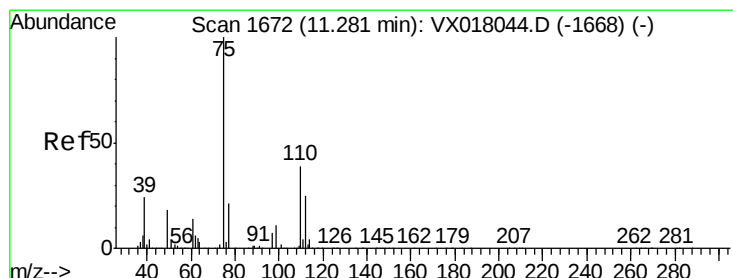
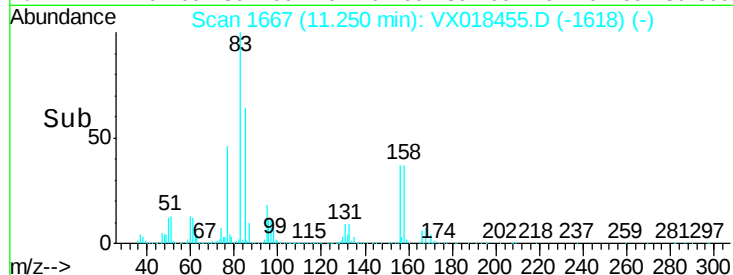
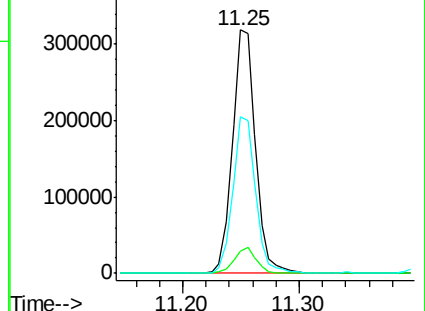
9/17/2020 11:24:09 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.163 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018455.D

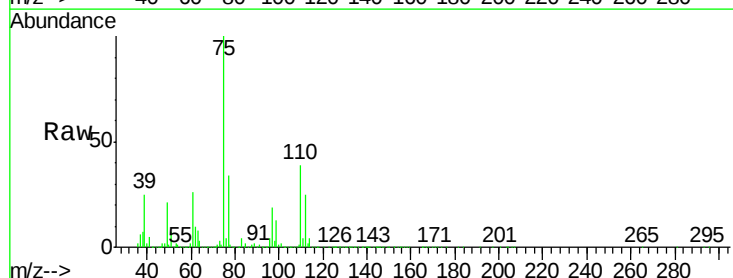
Acq: 16 Sep 2020 21:01

Tgt Ion: 75 Resp: 410535

Ion Ratio Lower Upper

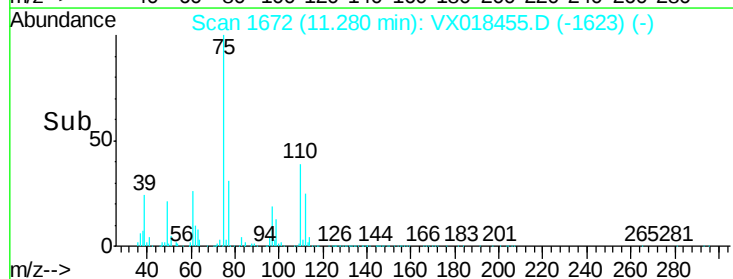
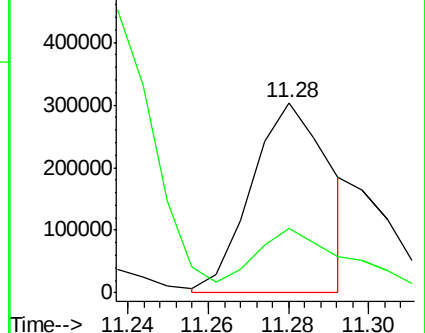
75 100

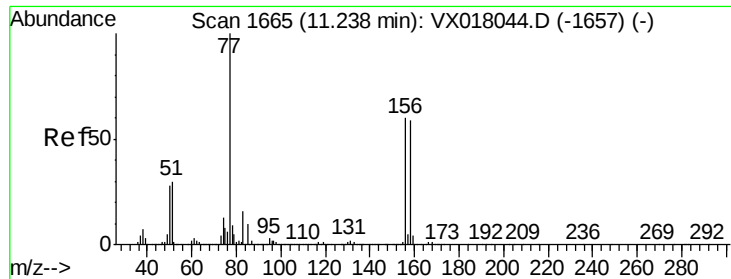
77 41.1 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.546 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

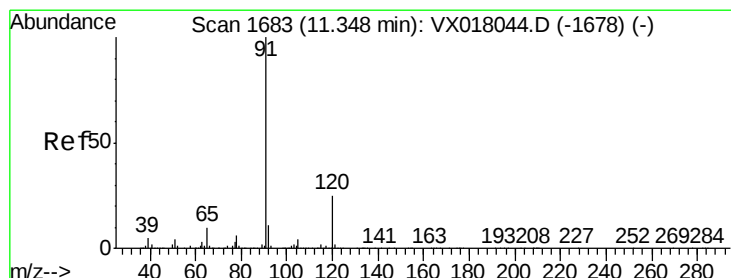
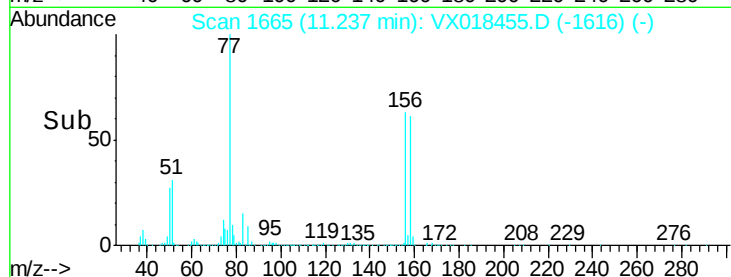
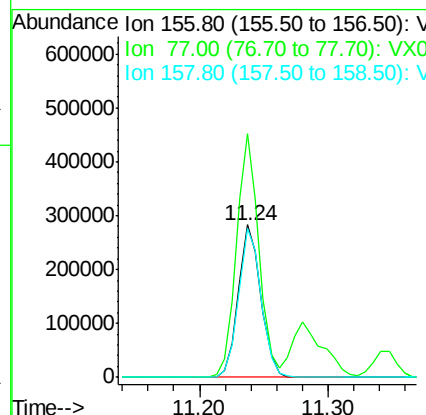
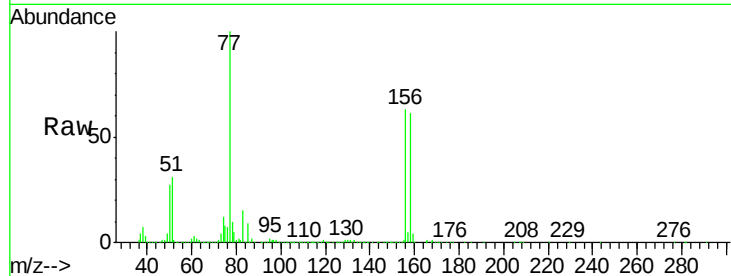
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	346352
Ion Ratio	Lower	Upper	
156	100		
77	158.3	80.0	240.2
158	97.9	49.5	148.7

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#78

n-propylbenzene

Concen: 49.855 ug/l

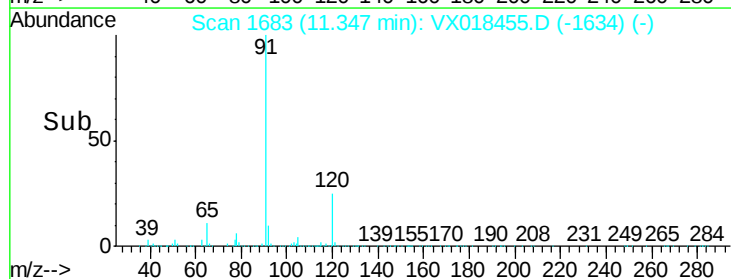
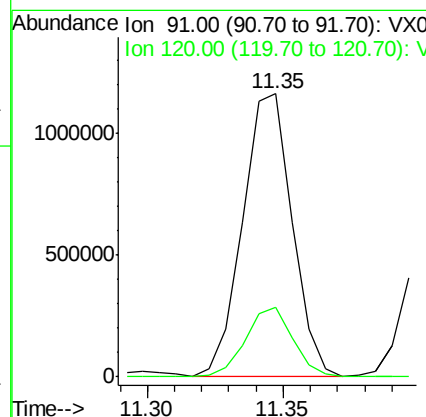
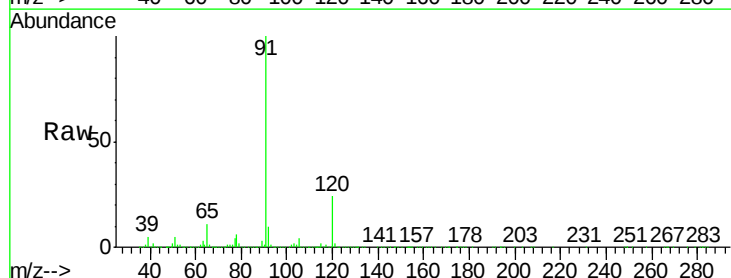
RT: 11.35 min Scan# 1683

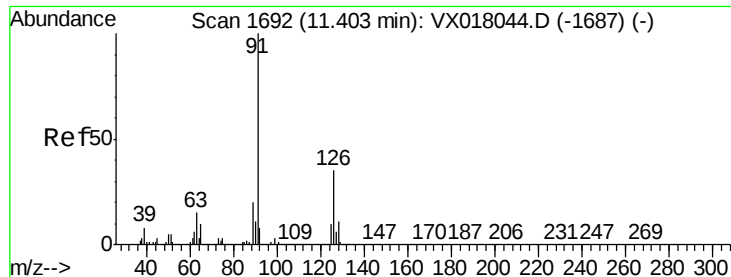
Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Tgt Ion:	91	Resp:	1461083
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.154 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 908100

Ion Ratio Lower Upper

91 100

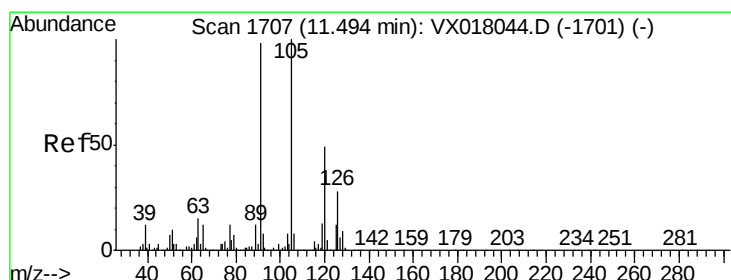
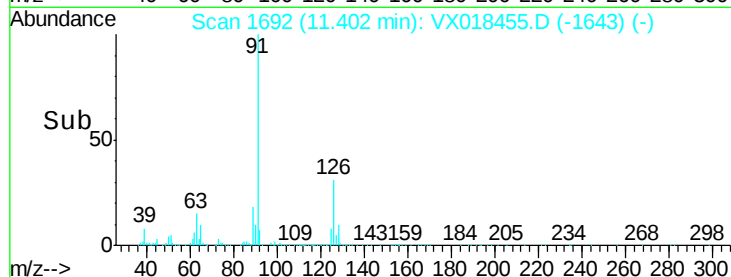
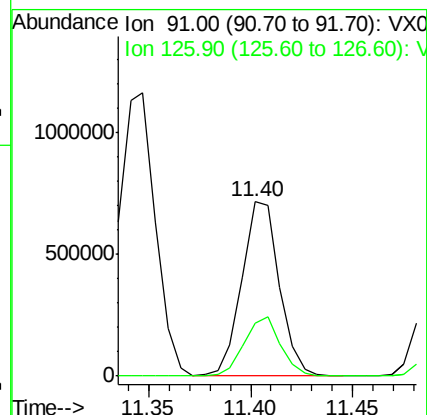
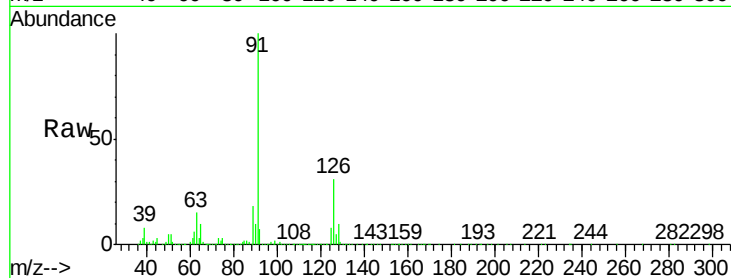
126 33.5 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 52.157 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018455.D

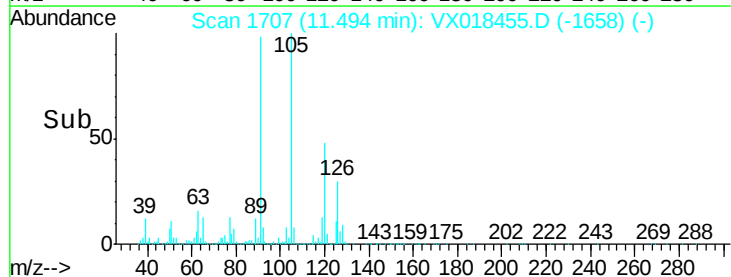
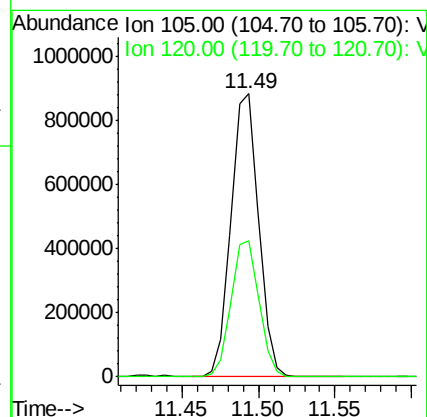
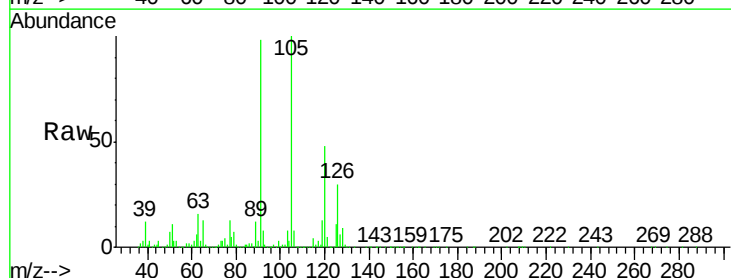
Acq: 16 Sep 2020 21:01

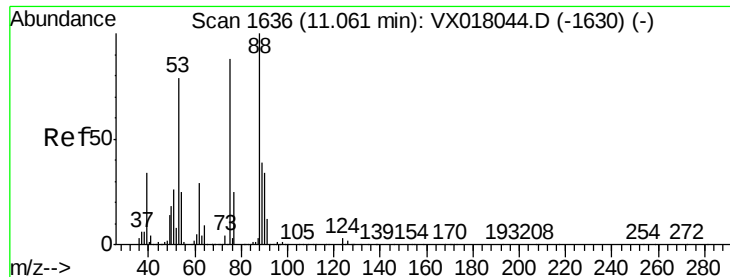
Tgt Ion: 105 Resp: 1106237

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.239 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 152250

Ion Ratio Lower Upper

75 100

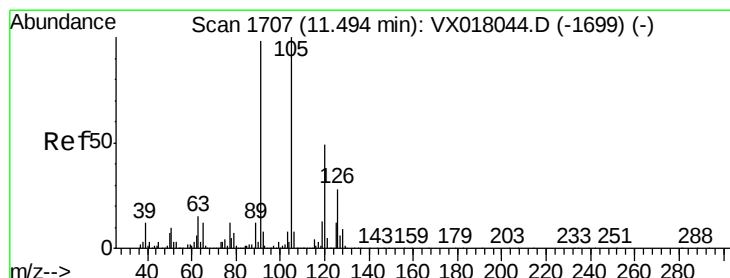
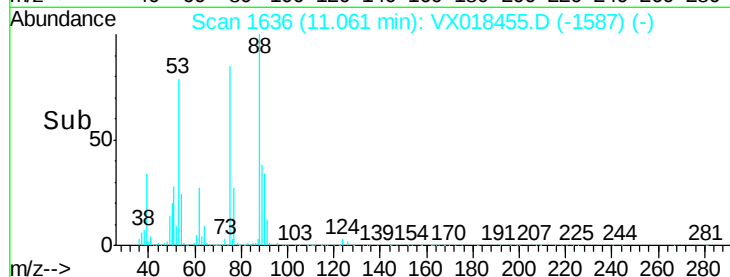
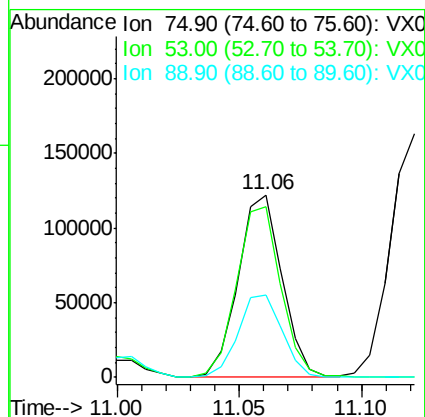
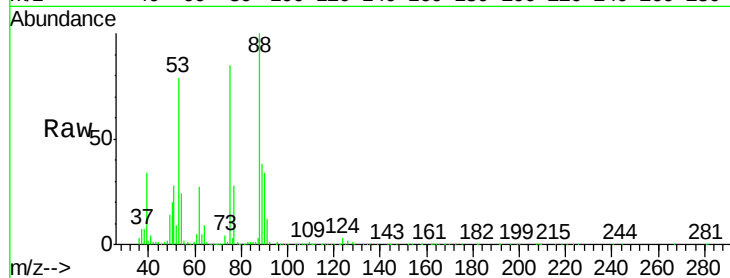
53 93.7 74.7 112.1

89 45.8 36.6 54.8

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#82

4-Chlorotoluene

Concen: 49.797 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018455.D

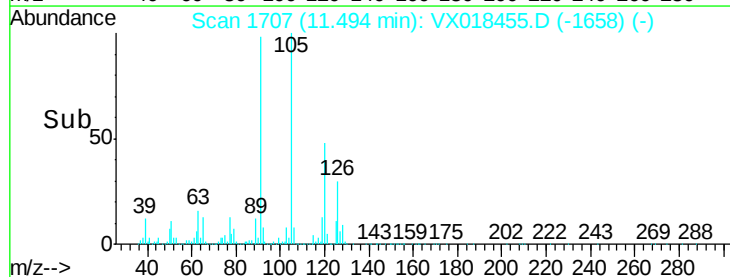
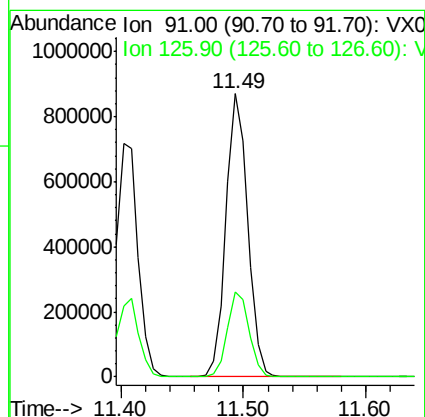
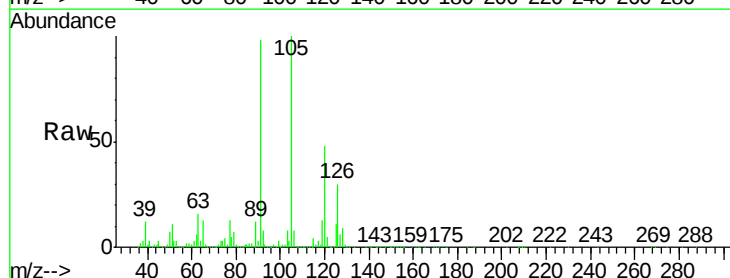
Acq: 16 Sep 2020 21:01

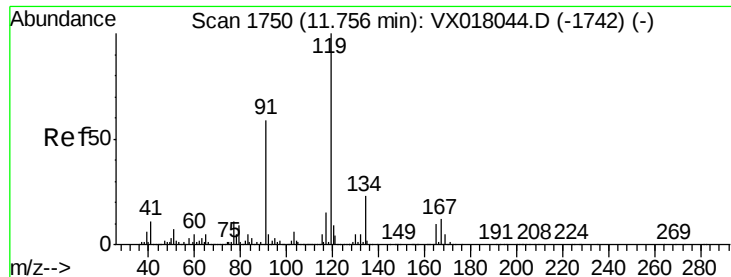
Tgt Ion: 91 Resp: 1071883

Ion Ratio Lower Upper

91 100

126 30.1 15.1 45.3





#83

tert-Butylbenzene

Concen: 51.586 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1079772

Ion Ratio Lower Upper

119 100

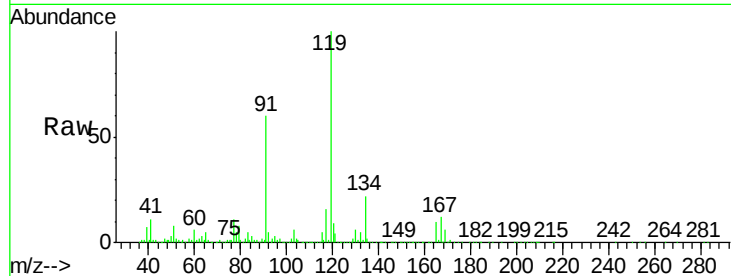
91 58.1 28.2 84.7

134 22.1 11.3 33.8

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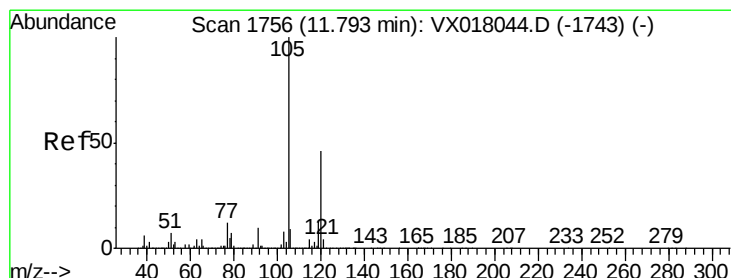
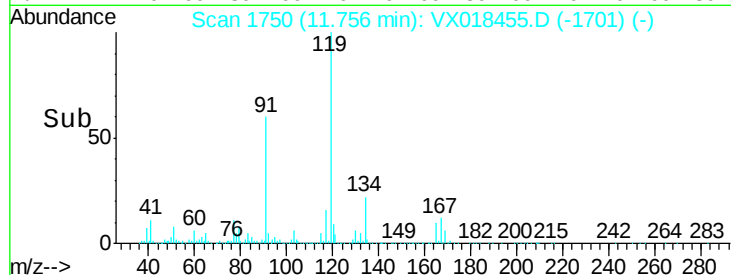
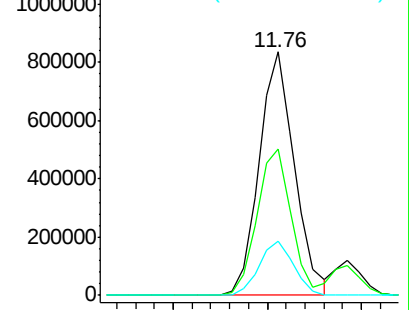
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.010 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018455.D

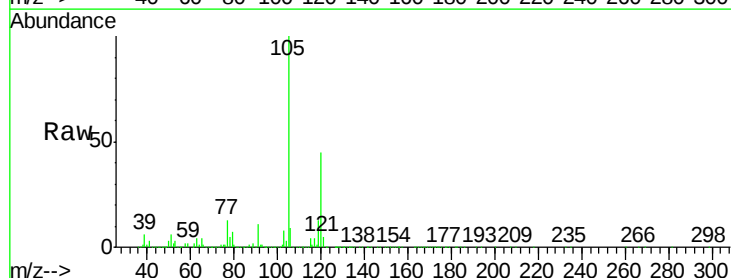
Acq: 16 Sep 2020 21:01

Tgt Ion:105 Resp: 1127820

Ion Ratio Lower Upper

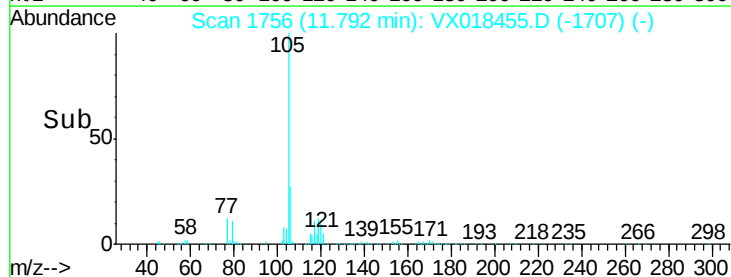
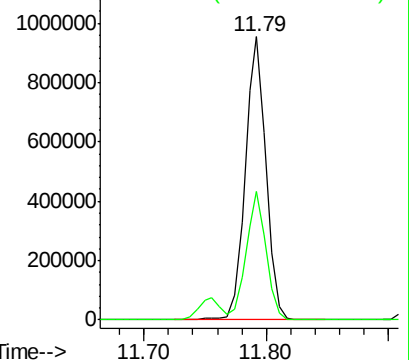
105 100

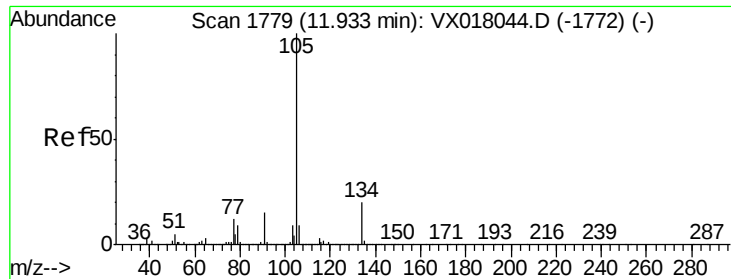
120 43.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.971 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1260884

Ion Ratio Lower Upper

105 100

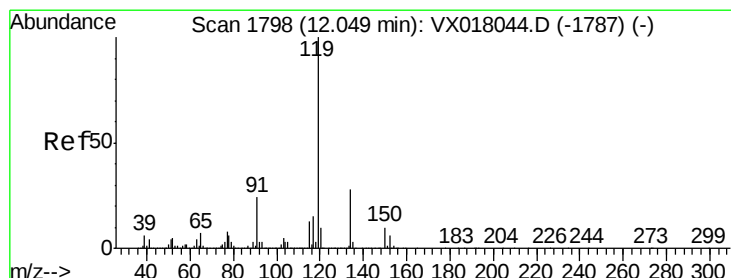
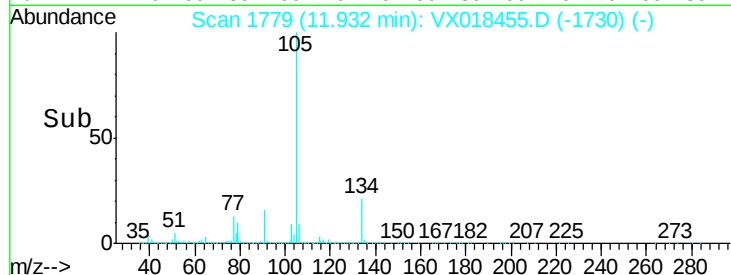
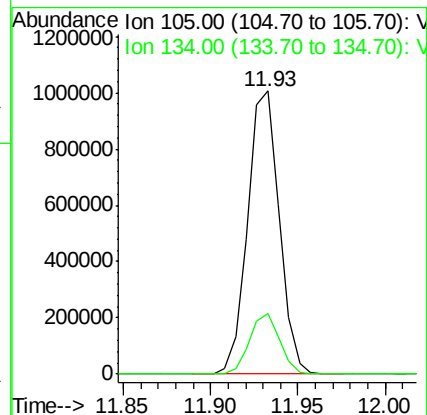
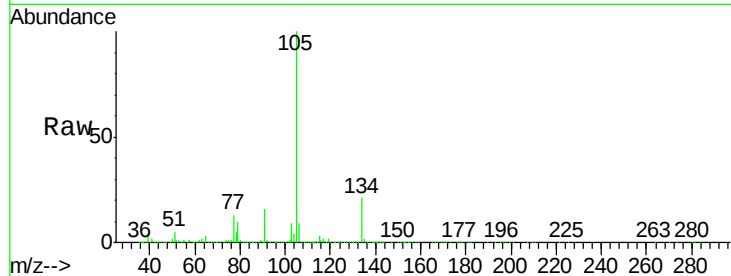
134 20.5 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 53.931 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

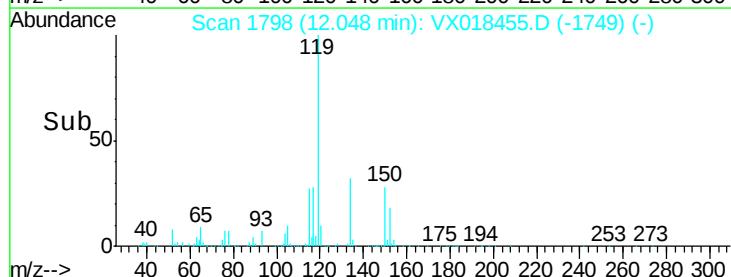
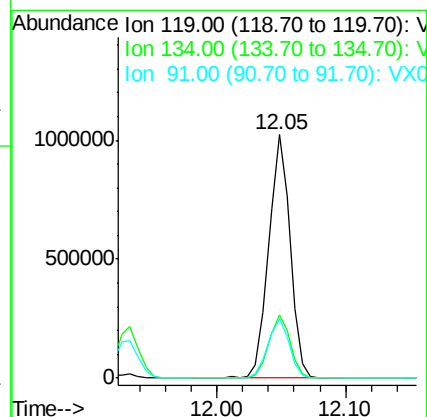
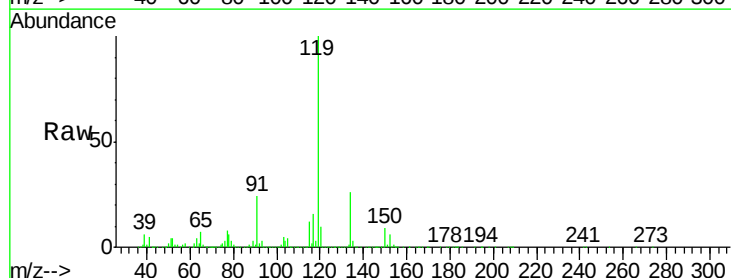
Tgt Ion:119 Resp: 1179193

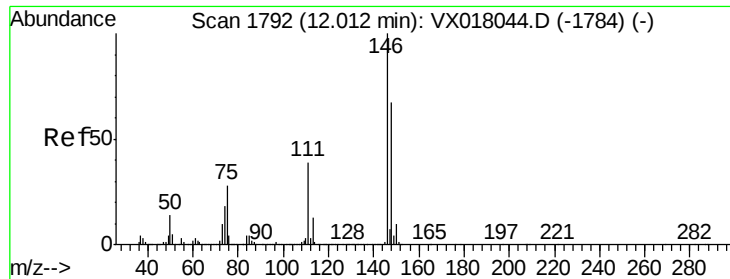
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 24.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.149 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

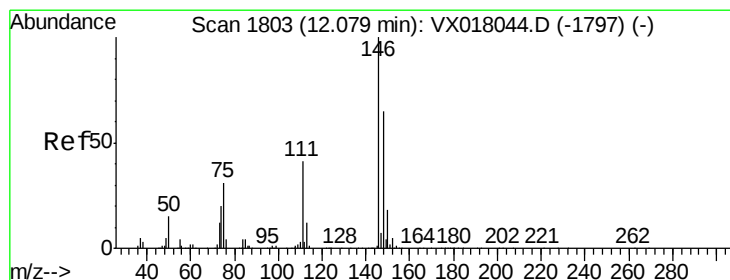
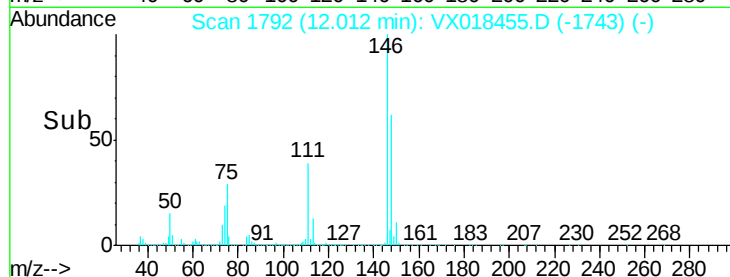
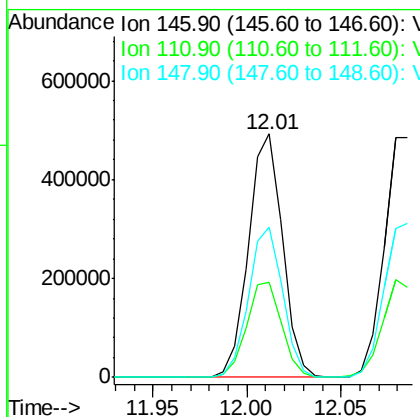
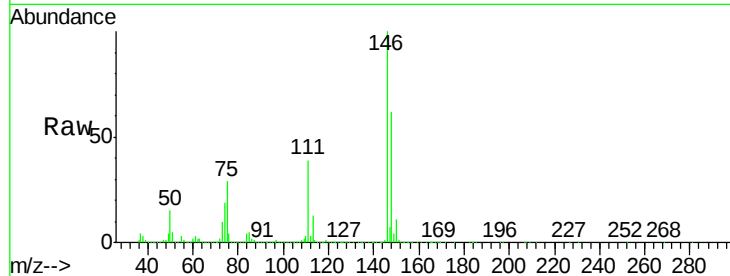
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	615657
Ion Ratio		Lower	Upper
146	100		
111	40.2	20.6	61.8
148	62.1	33.1	99.2

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#88

1,4-Dichlorobenzene

Concen: 49.270 ug/l

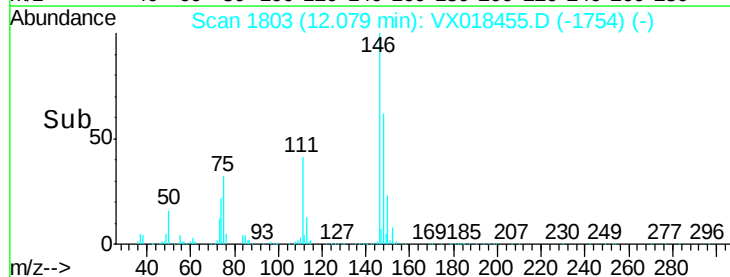
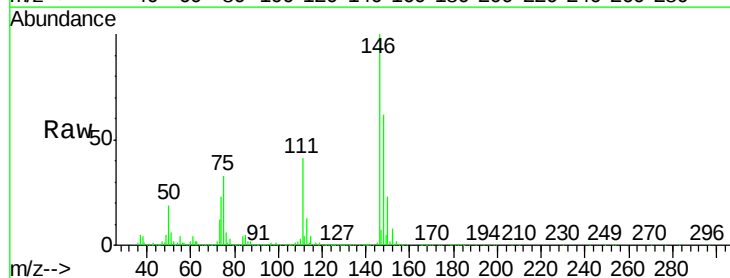
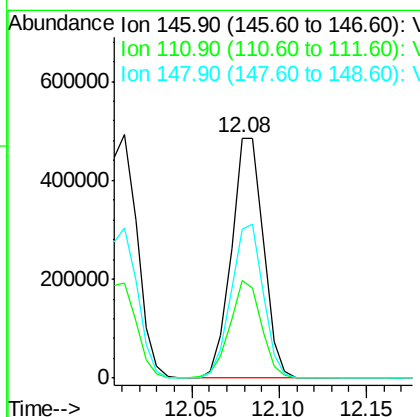
RT: 12.08 min Scan# 1803

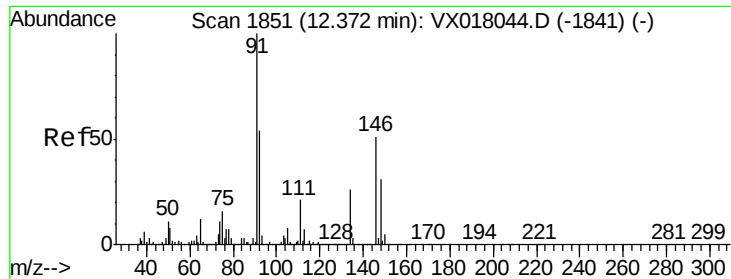
Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Tgt Ion:	146	Resp:	617953
Ion Ratio		Lower	Upper
146	100		
111	40.1	20.3	60.8
148	64.4	33.1	99.2





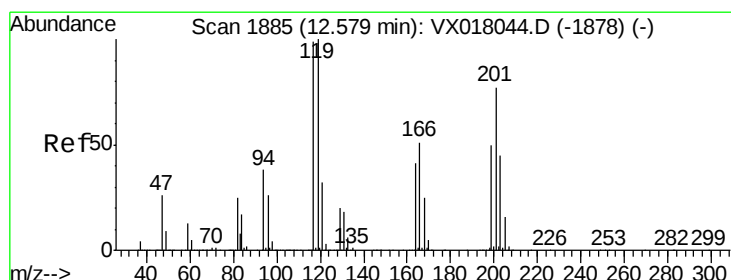
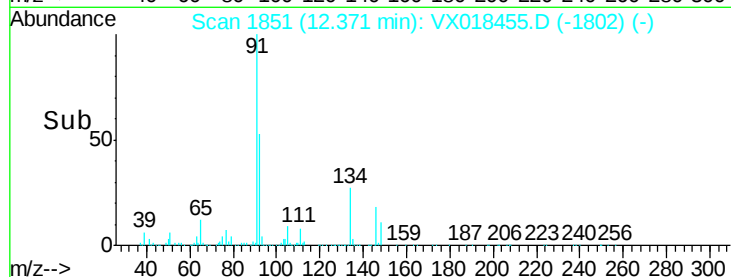
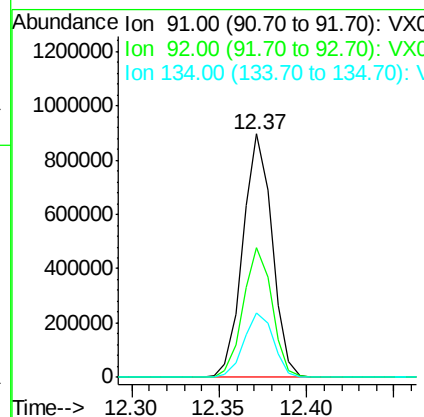
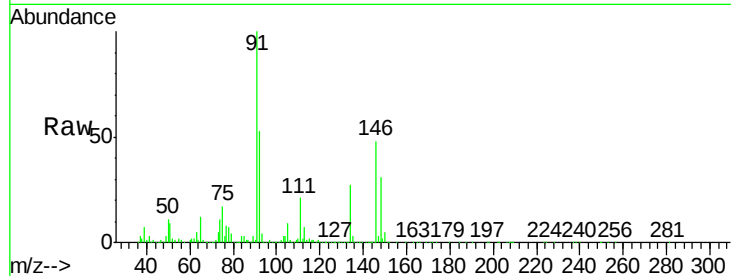
#89
n-Butylbenzene
Concen: 51.966 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1037046
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 27.2 12.9 38.7

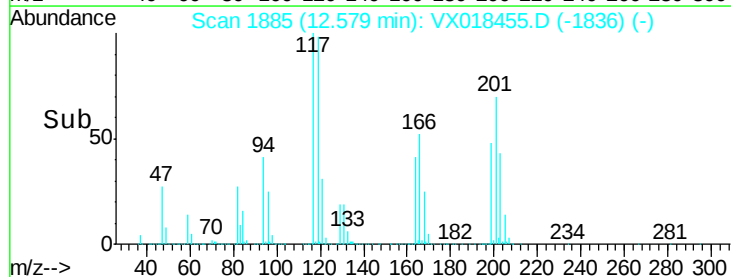
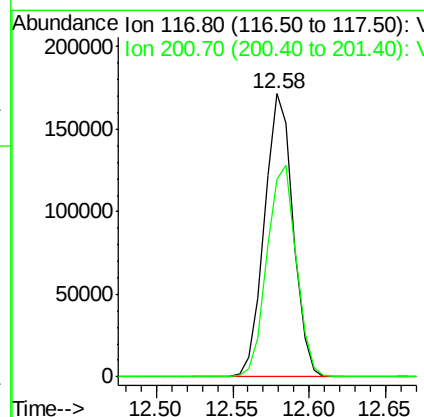
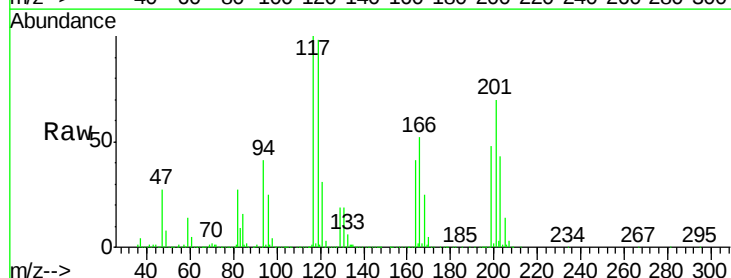
Manual Integrations
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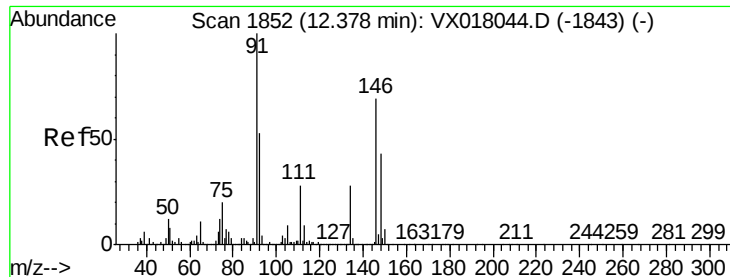
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9/17/2020 11:24:09 AM



#90
Hexachloroethane
Concen: 52.341 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion: 117 Resp: 225158
Ion Ratio Lower Upper
117 100
201 76.2 38.5 115.3





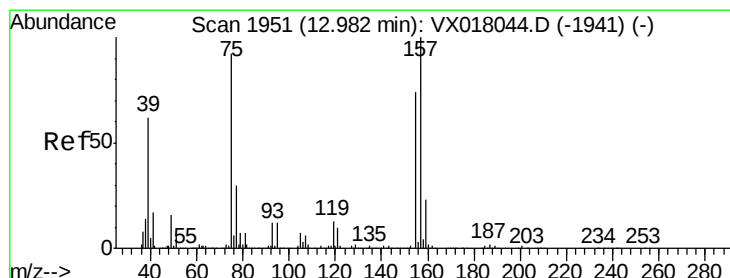
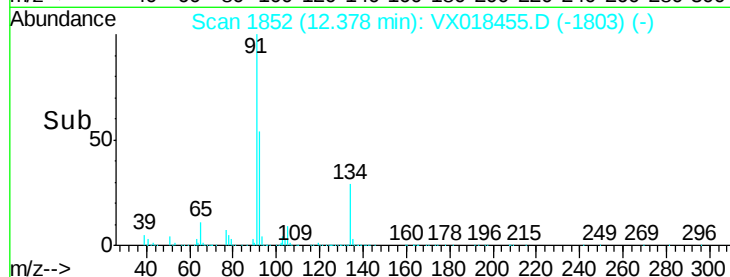
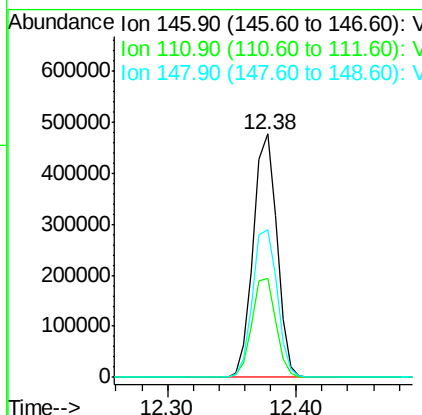
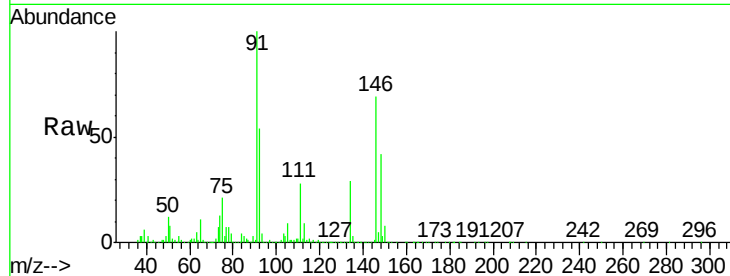
#91
 1,2-Dichlorobenzene
 Concen: 51.053 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018455.D
 Acq: 16 Sep 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	601981		
111	40.8	20.8	62.5	
148	63.1	31.6	95.0	

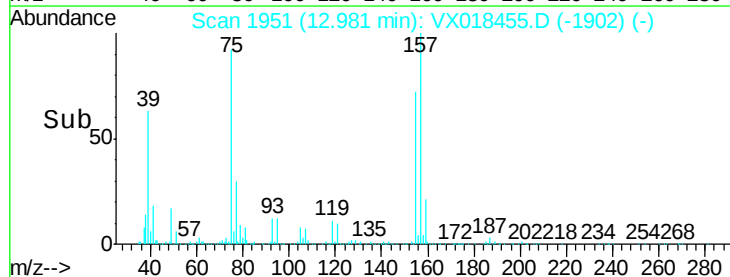
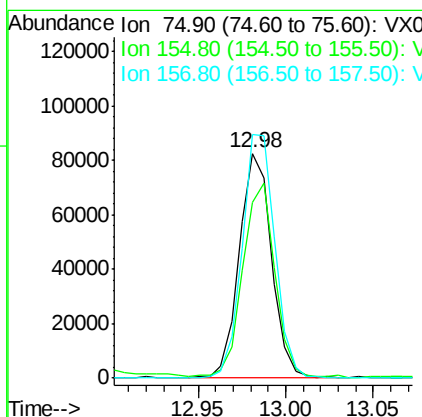
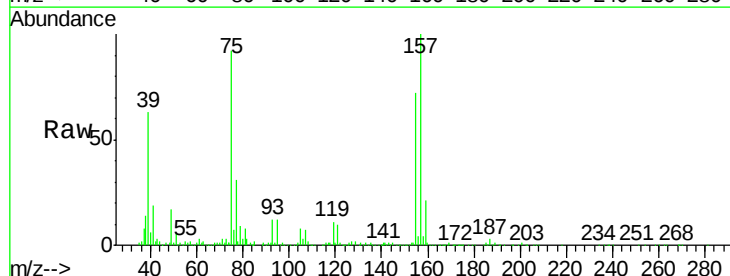
Manual Integrations
 APPROVED

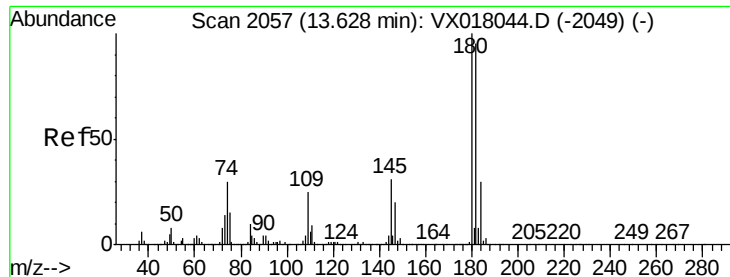
MMDadoda
 9/17/2020 11:24:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.370 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018455.D
 Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	105566		
155	86.3	40.2	120.6	
157	110.6	55.0	165.2	





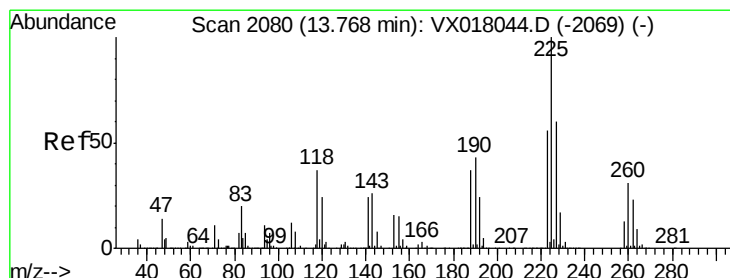
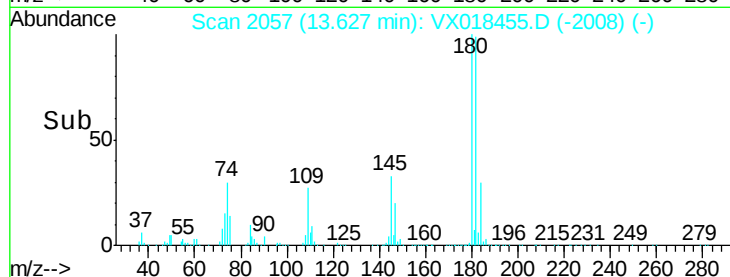
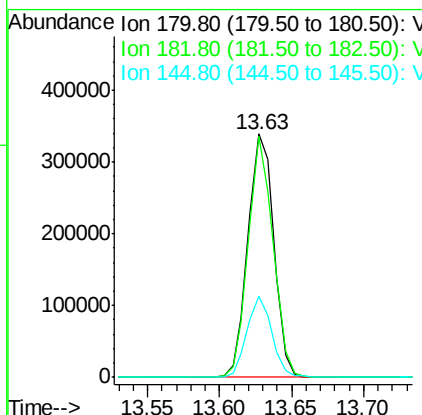
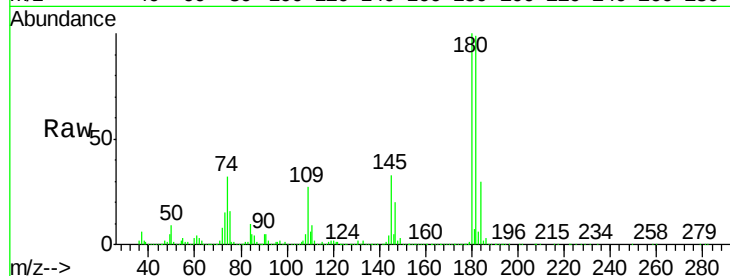
#93
1,2,4-Trichlorobenzene
Concen: 53.257 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	418749		
182	95.0	47.5	142.6	
145	31.7	15.7	47.1	

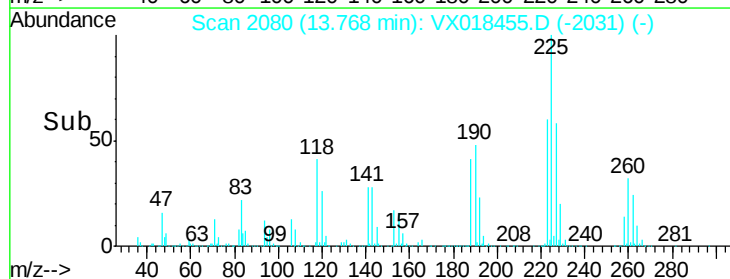
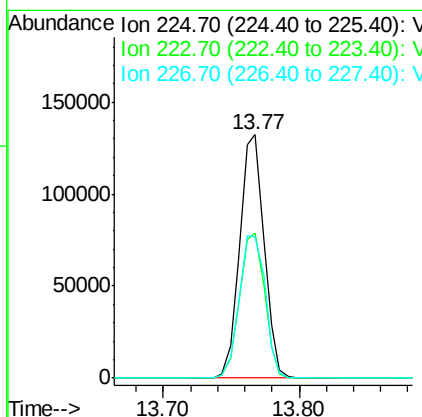
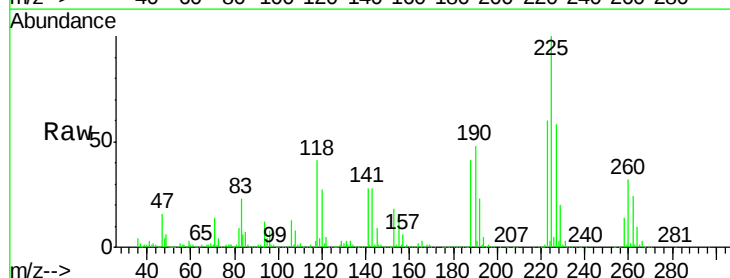
Manual Integrations
APPROVED

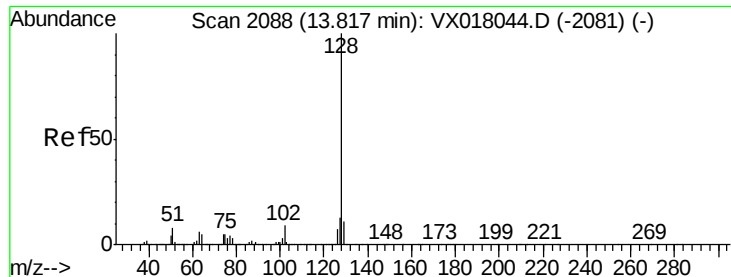
MMDadoda
9/17/2020 11:24:09 AM



#94
Hexachlorobutadiene
Concen: 53.374 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018455.D
Acq: 16 Sep 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165530		
223	61.3	30.7	92.1	
227	62.8	32.6	97.8	





#95

Naphthalene

Concen: 54.058 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1398825

Ion Ratio Lower Upper

128 100

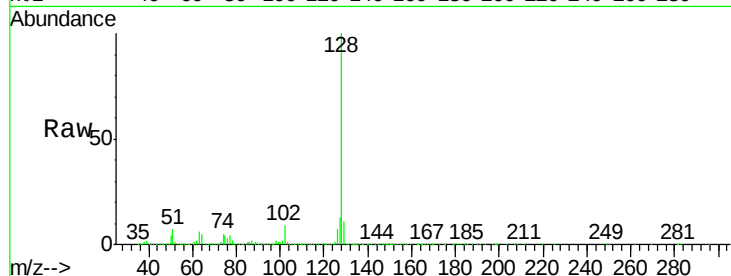
127 12.7 10.2 15.2

129 11.1 8.7 13.1

Manual Integrations
APPROVED

MMDadoda

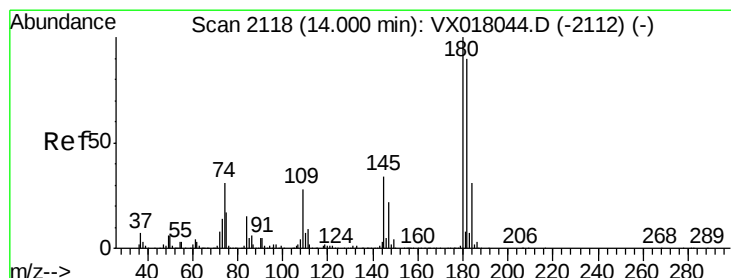
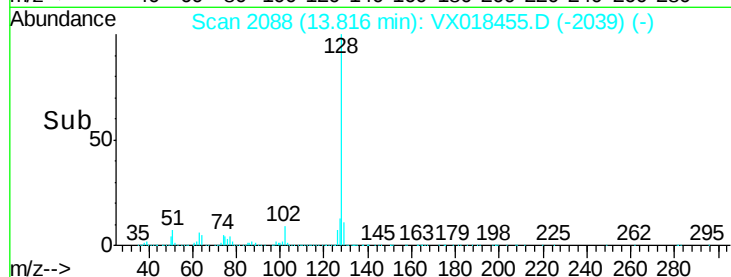
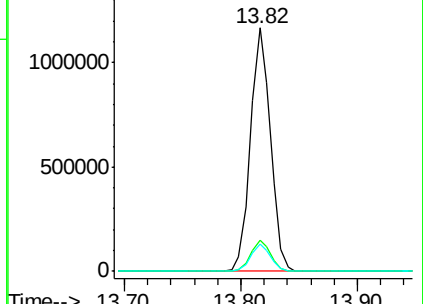
9/17/2020 11:24:09 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.505 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018455.D

Acq: 16 Sep 2020 21:01

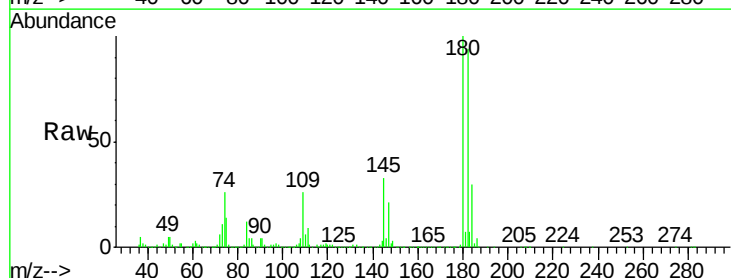
Tgt Ion:180 Resp: 400154

Ion Ratio Lower Upper

180 100

182 98.5 47.3 142.0

145 34.9 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

