

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090920\
 Data File : VX018332.D
 Acq On : 09 Sep 2020 19:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:03:24 PM

Quant Time: Sep 10 07:58:48 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	5.64	168	425325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	673071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	637047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	353373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	291226	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.46	113	223729	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.70	98	796414	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.12	95	324782	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	240192	46.383	ug/l	99
3) Chloromethane	1.31	50	213916	39.182	ug/l	98
4) Vinyl Chloride	1.39	62	236110	43.445	ug/l	100
5) Bromomethane	1.63	94	119828	45.712	ug/l	100
6) Chloroethane	1.71	64	140125	48.005	ug/l	98
7) Trichlorofluoromethane	1.92	101	391580	52.841	ug/l	99
8) Diethyl Ether	2.17	74	124346	49.478	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201619	50.325	ug/l	97
10) Methyl Iodide	2.49	142	122093	30.759	ug/l	96
11) Tert butyl alcohol	3.01	59	257689	224.455	ug/l	99
12) 1,1-Dichloroethene	2.36	96	197835	47.597	ug/l	98
13) Acrolein	2.28	56	170163	357.456	ug/l	98
14) Allyl chloride	2.71	41	355177	47.562	ug/l	96
15) Acrylonitrile	3.12	53	619572	237.907	ug/l	99
16) Acetone	2.42	43	545222	236.971	ug/l	95
17) Carbon Disulfide	2.55	76	524513	41.744	ug/l	98
18) Methyl Acetate	2.75	43	307826	55.443	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	724479	50.824	ug/l	100
20) Methylene Chloride	2.84	84	227551	48.331	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	214248	46.525	ug/l	94
22) Diisopropyl ether	3.82	45	723328	49.076	ug/l	90
23) Vinyl Acetate	3.79	43	3231808	246.425	ug/l	99
24) 1,1-Dichloroethane	3.67	63	409675	48.829	ug/l	98
25) 2-Butanone	4.64	43	864867	228.724	ug/l	99
26) 2,2-Dichloropropane	4.55	77	330688	48.442	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	248997	46.929	ug/l	99
28) Bromochloromethane	4.98	49	190608	47.066	ug/l	97
29) Tetrahydrofuran	5.09	42	556306	231.112	ug/l	99
30) Chloroform	5.18	83	438088	50.428	ug/l	99
31) Cyclohexane	5.55	56	323941	45.836	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	401388	50.347	ug/l	99
36) 1,1-Dichloropropene	5.78	75	301397	48.549	ug/l	99
37) Ethyl Acetate	4.79	43	336699	46.697	ug/l	99
38) Carbon Tetrachloride	5.76	117	377686	53.985	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	324545	47.809	ug/l	97
40) Benzene	6.12	78	864752	47.405	ug/l	98
41) Methacrylonitrile	5.00	41	182922	46.204	ug/l	96
42) 1,2-Dichloroethane	6.17	62	368108	52.669	ug/l	98
43) Isopropyl Acetate	6.42	43	553730	47.547	ug/l	99
44) Trichloroethene	7.19	130	253820	49.244	ug/l	96
45) 1,2-Dichloropropane	7.49	63	237577	48.323	ug/l	98
46) Dibromomethane	7.64	93	169376	48.991	ug/l	99
47) Bromodichloromethane	7.88	83	360450	52.215	ug/l	97
48) Methyl methacrylate	7.75	41	276720	47.731	ug/l	99
49) 1,4-Dioxane	7.71	88	88942	846.941	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1743383	242.345	ug/l	100
52) Toluene	8.77	92	568329	49.134	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	382554	50.001	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	400813	49.454	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	242255	49.107	ug/l	97
56) Ethyl methacrylate	9.16	69	360394	49.142	ug/l	99
57) 1,3-Dichloropropane	9.35	76	396985	48.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	861010	260.985	ug/l	98
59) 2-Hexanone	9.48	43	1352970	247.341	ug/l	99
60) Dibromochloromethane	9.57	129	295563	51.072	ug/l	100
61) 1,2-Dibromoethane	9.65	107	266965	49.846	ug/l	95
64) Tetrachloroethene	9.32	164	223083	47.653	ug/l	93
65) Chlorobenzene	10.12	112	630243	49.535	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	259037	51.656	ug/l	99
67) Ethyl Benzene	10.24	91	1105659	51.100	ug/l	100
68) m/p-Xylenes	10.34	106	825222	102.183	ug/l	97
69) o-Xylene	10.68	106	391926	50.062	ug/l	96
70) Styrene	10.70	104	708462	53.139	ug/l	99
71) Bromoform	10.84	173	229954	53.761	ug/l #	100
73) Isopropylbenzene	11.00	105	1112400	47.724	ug/l	100
74) N-amyl acetate	10.88	43	498123	45.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	377551	45.917	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	350919m	44.641	ug/l	
77) Bromobenzene	11.24	156	295083	45.799	ug/l	97
78) n-propylbenzene	11.34	91	1263508	47.741	ug/l	98
79) 2-Chlorotoluene	11.40	91	761276	46.557	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	969391	50.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	130083	44.694	ug/l	99
82) 4-Chlorotoluene	11.49	91	930993	47.894	ug/l	99
83) tert-Butylbenzene	11.76	119	941587	49.813	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	976720	49.876	ug/l	100
85) sec-Butylbenzene	11.93	105	1073504	49.940	ug/l	99
86) p-Isopropyltoluene	12.05	119	1026798	52.002	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	532393	47.064	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	540623	47.731	ug/l	98
89) n-Butylbenzene	12.37	91	891989	49.494	ug/l	99
90) Hexachloroethane	12.58	117	202785	52.199	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	514906	48.355	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	95401	46.402	ug/l	95

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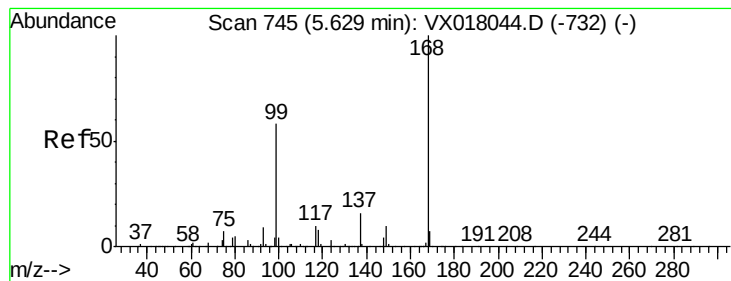
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	344636	48.536	ug/l	100
94) Hexachlorobutadiene	13.77	225	151015	53.920	ug/l	96
95) Naphthalene	13.82	128	1114992	47.714	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	340742	48.565	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 425325

Ion Ratio Lower Upper

168 100

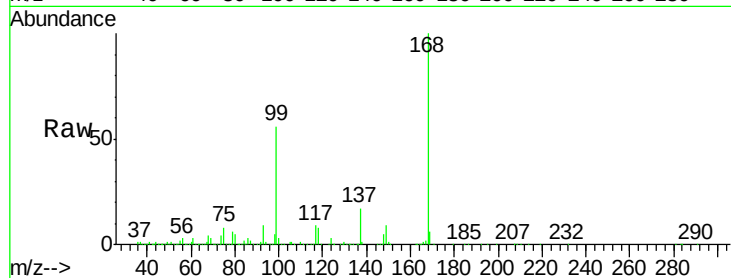
99 55.4 46.3 69.5

Manual Integrations

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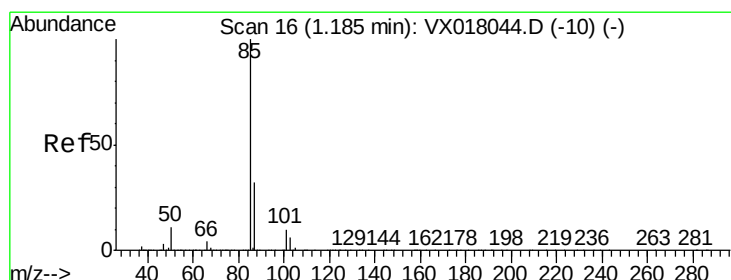
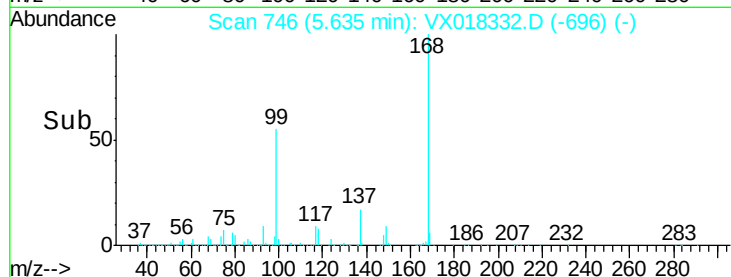
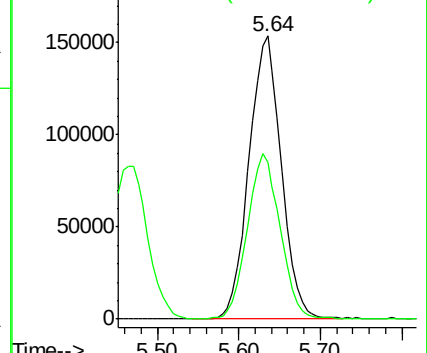
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.383 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018332.D

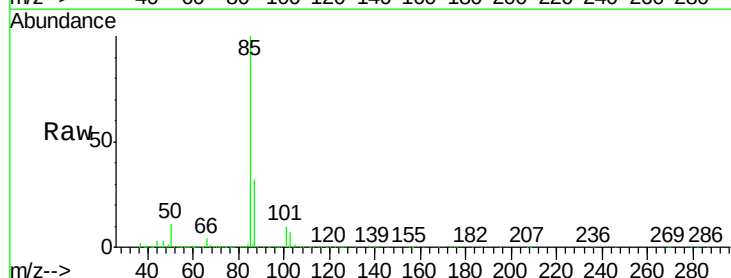
Acq: 09 Sep 2020 19:39

Tgt Ion: 85 Resp: 240192

Ion Ratio Lower Upper

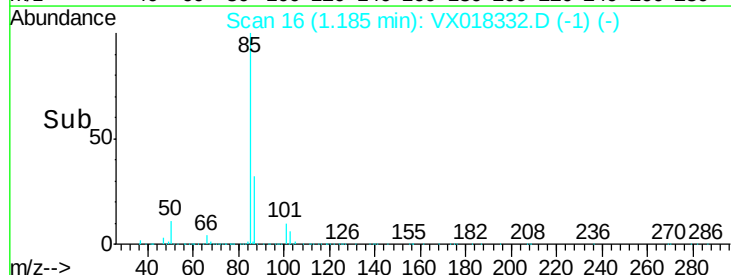
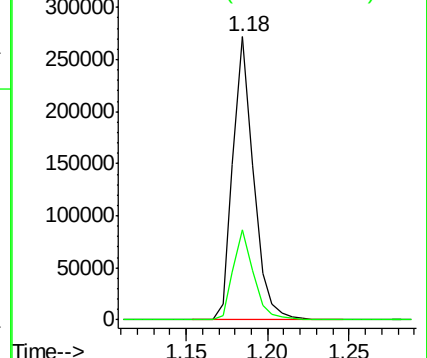
85 100

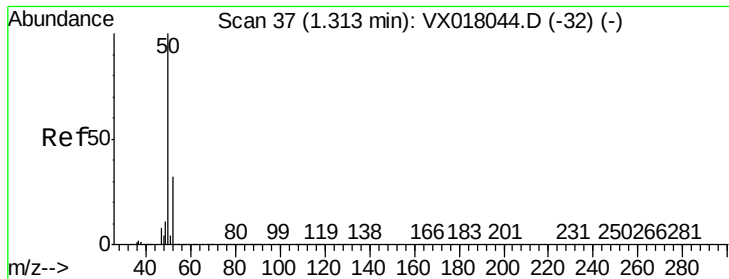
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.182 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 213916

Ion Ratio Lower Upper

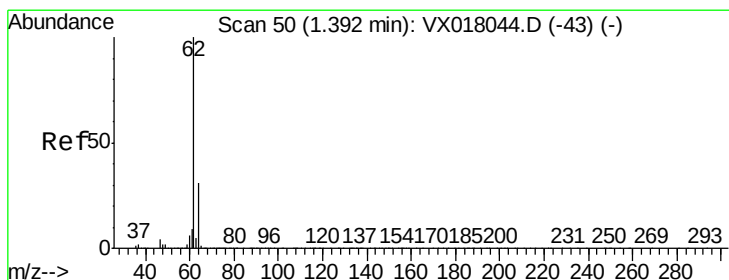
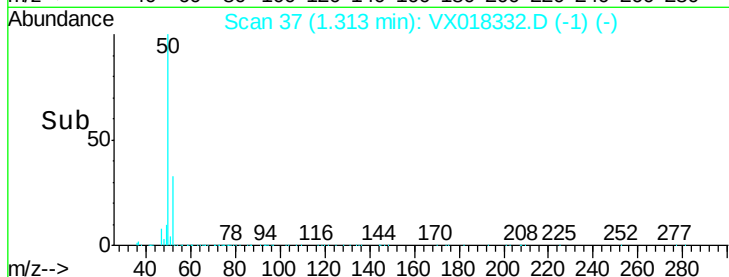
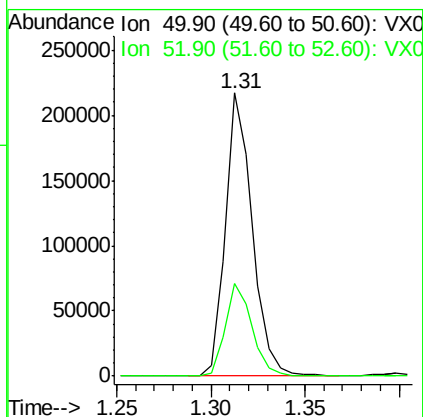
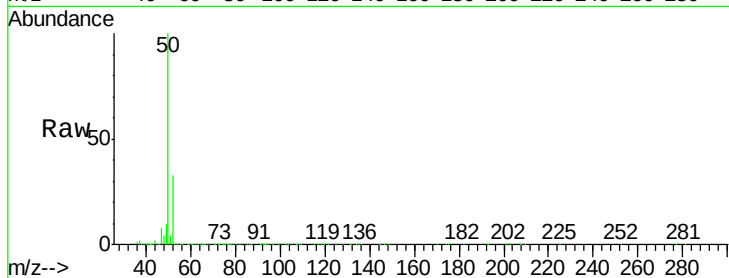
50 100

52 32.9 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 43.445 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018332.D

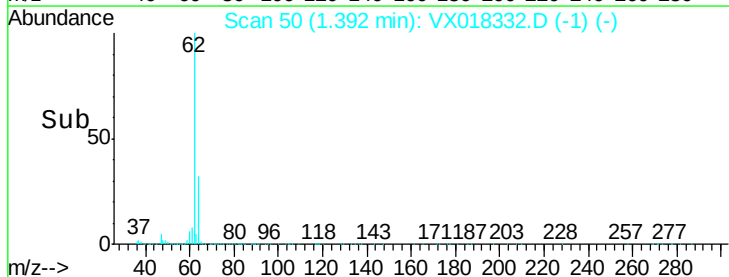
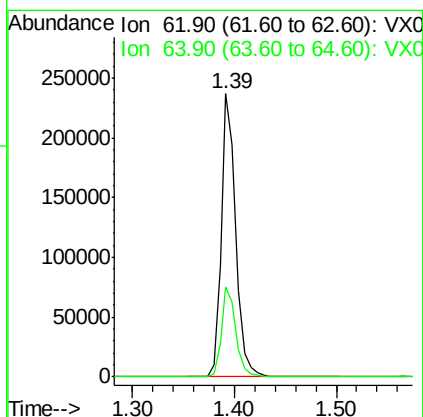
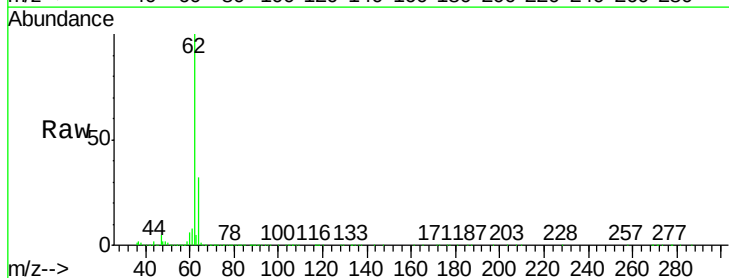
Acq: 09 Sep 2020 19:39

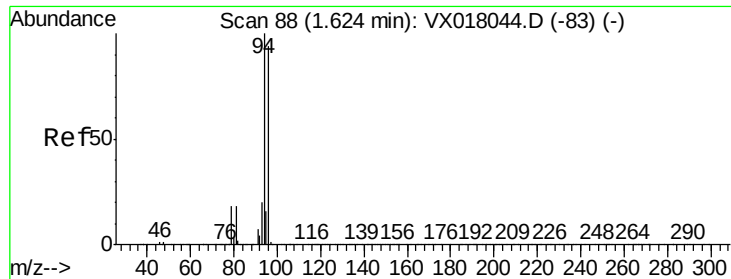
Tgt Ion: 62 Resp: 236110

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 45.712 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 119828

Ion Ratio Lower Upper

94 100

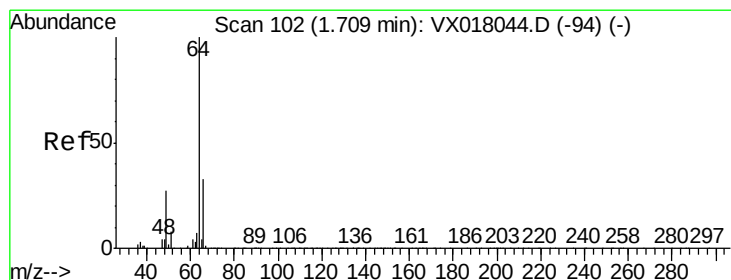
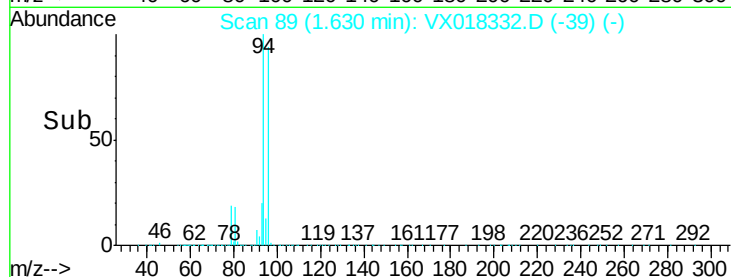
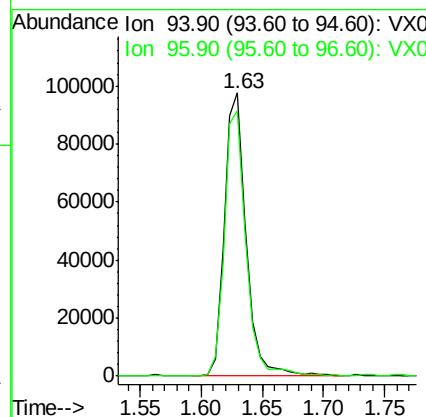
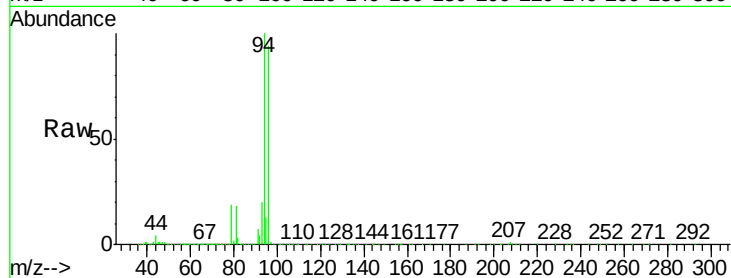
96 93.8 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 48.005 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018332.D

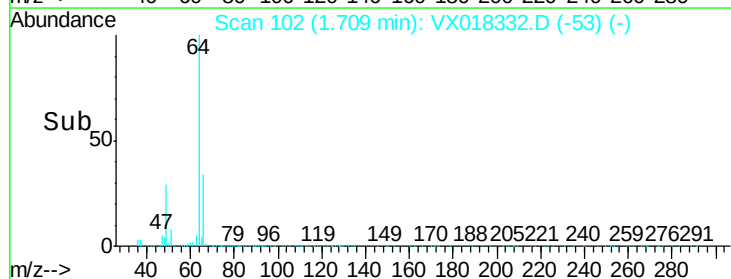
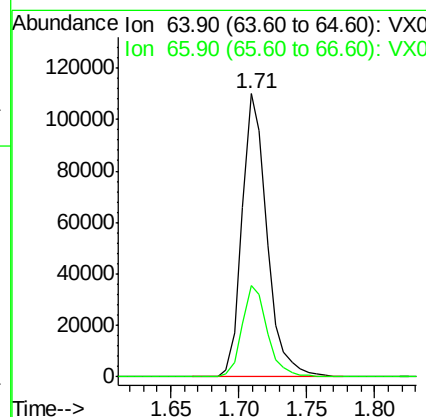
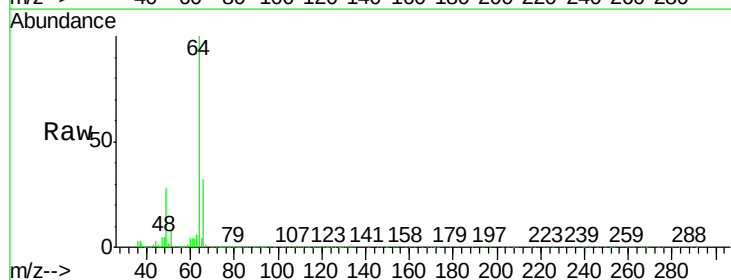
Acq: 09 Sep 2020 19:39

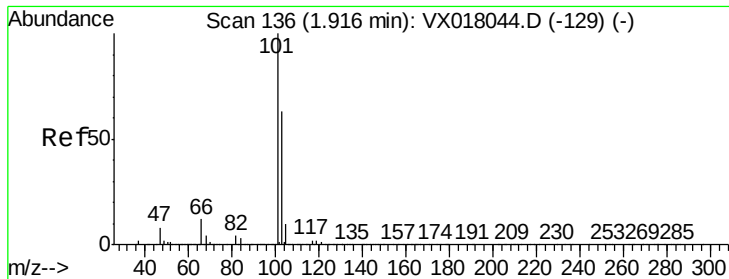
Tgt Ion: 64 Resp: 140125

Ion Ratio Lower Upper

64 100

66 32.3 26.6 39.8





#7

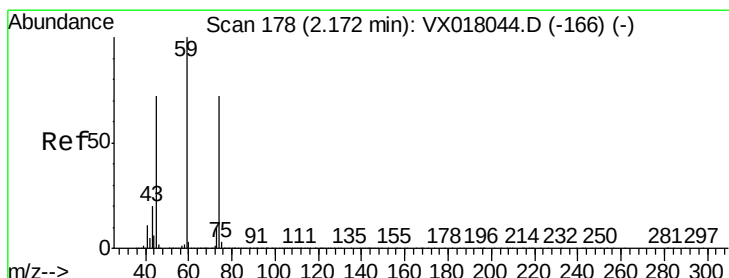
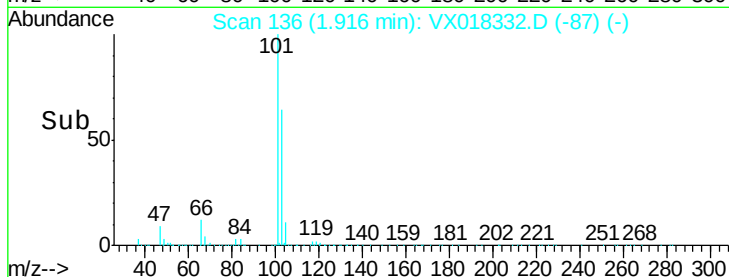
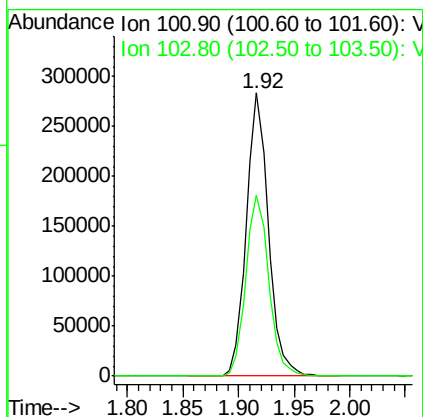
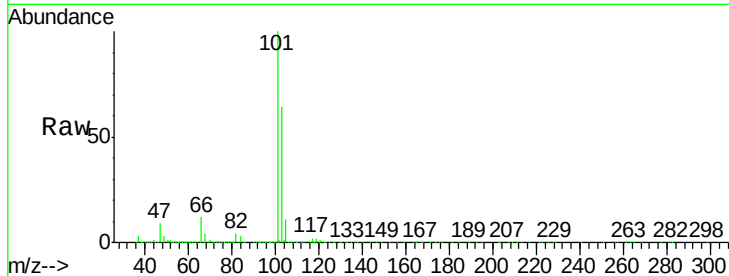
Trichlorofluoromethane
Concen: 52.841 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.7	76.1

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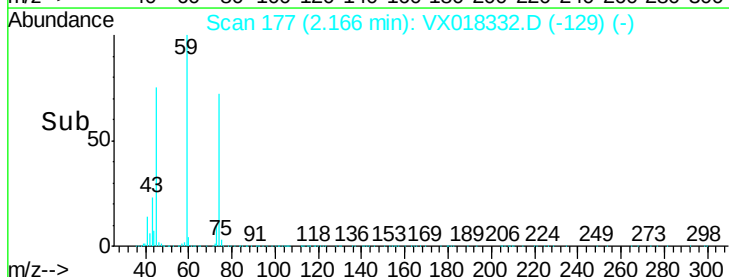
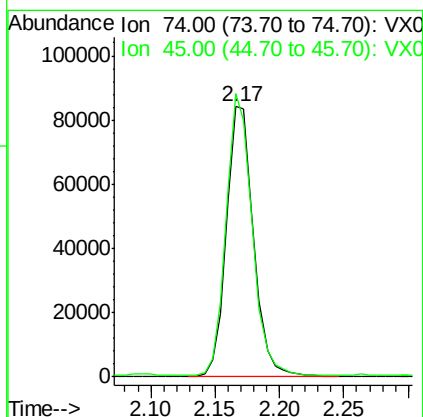
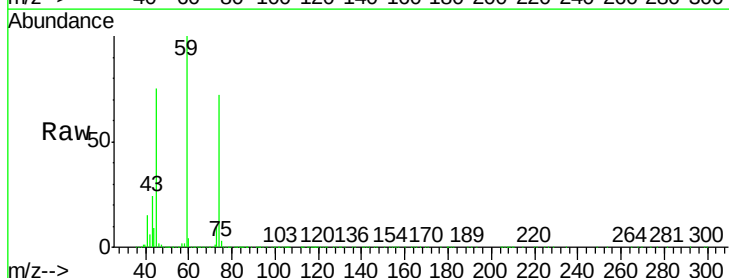
MMDadoda
9/10/2020 4:03:24 PM

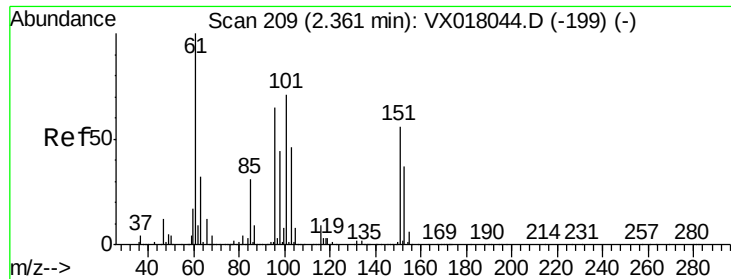


#8

Diethyl Ether
Concen: 49.478 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.0	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.325 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

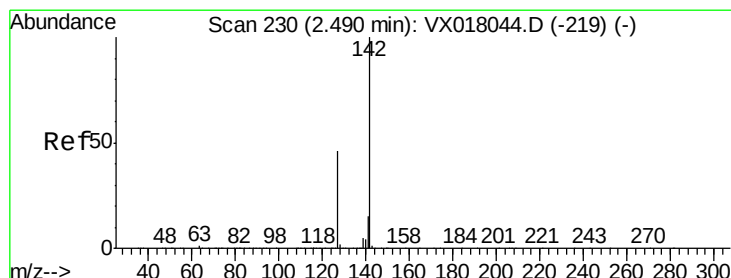
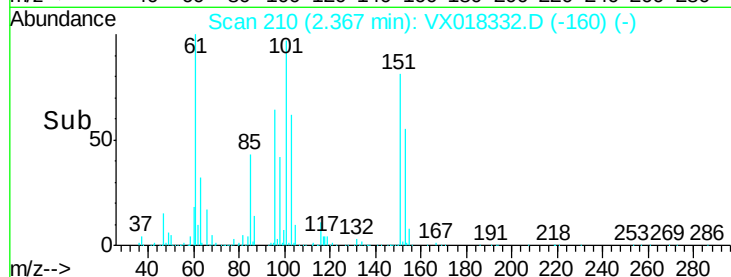
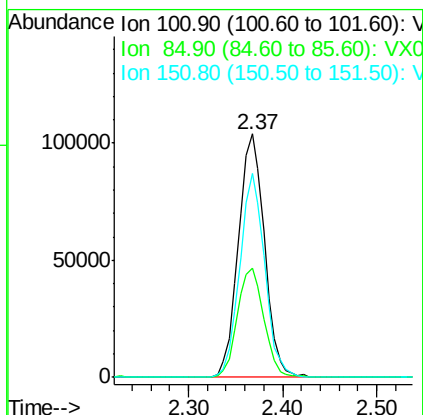
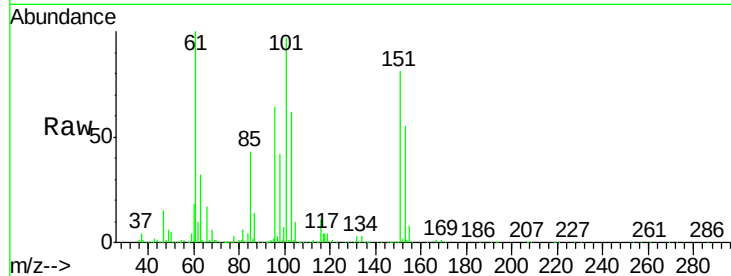
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	201619
Ion Ratio	Lower	Upper	
101	100		
85	45.6	34.0	51.0
151	80.1	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 30.759 ug/l

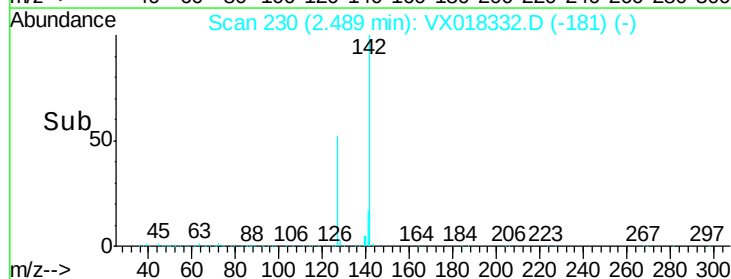
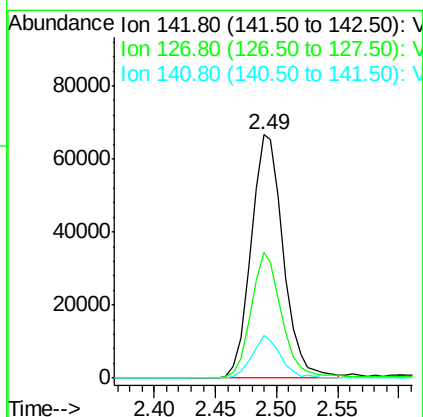
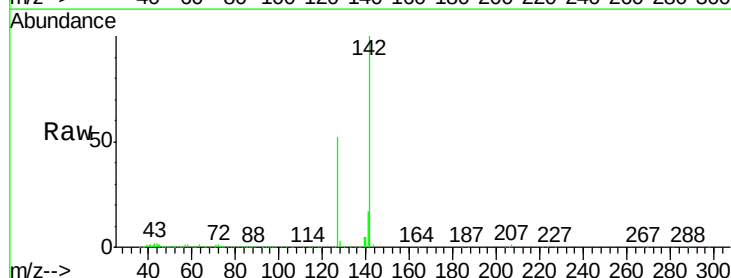
RT: 2.49 min Scan# 230

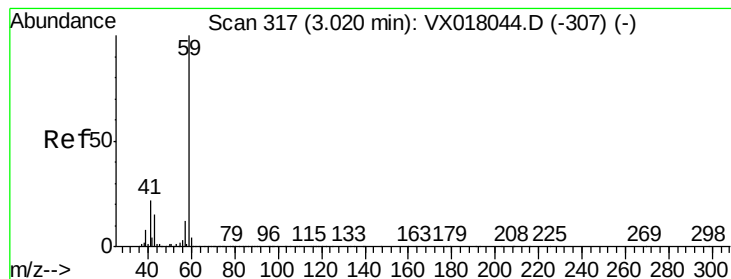
Delta R.T. 0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tgt Ion:	142	Resp:	122093
Ion Ratio	Lower	Upper	
142	100		
127	49.4	37.0	55.6
141	15.6	11.5	17.3





#11

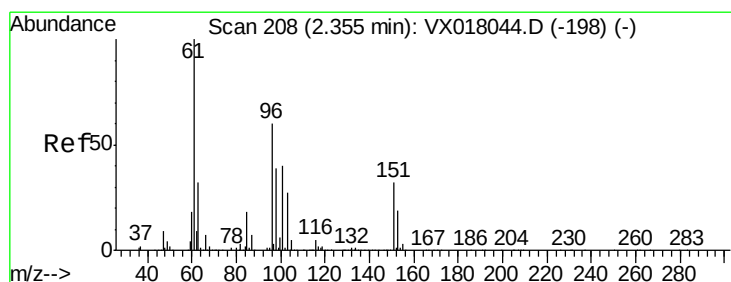
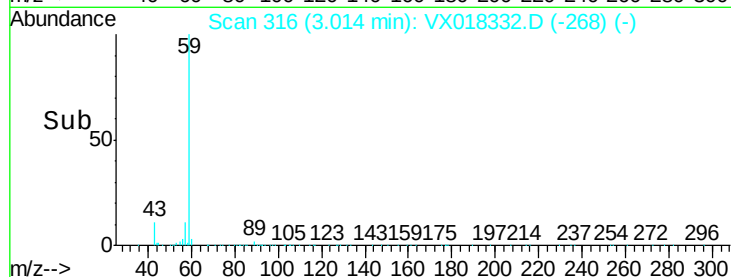
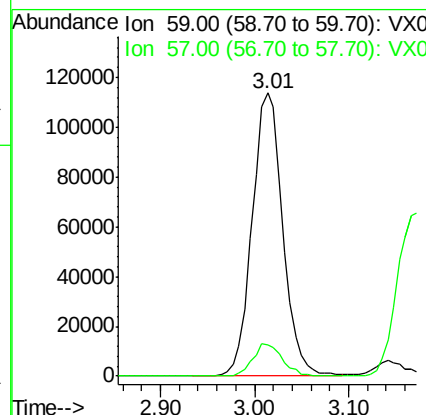
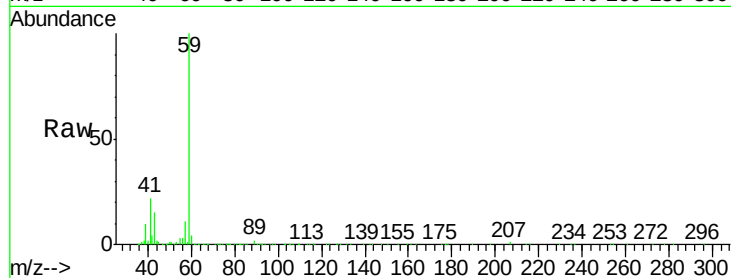
Tert butyl alcohol
Concen: 224.455 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.9	13.3

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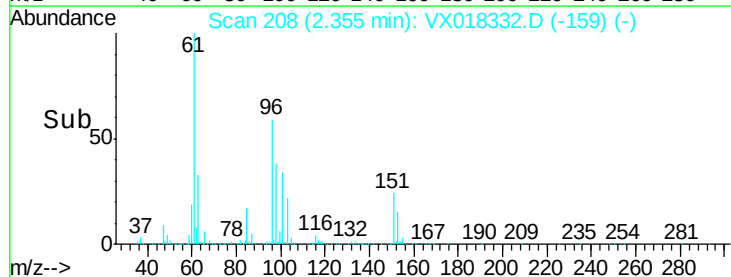
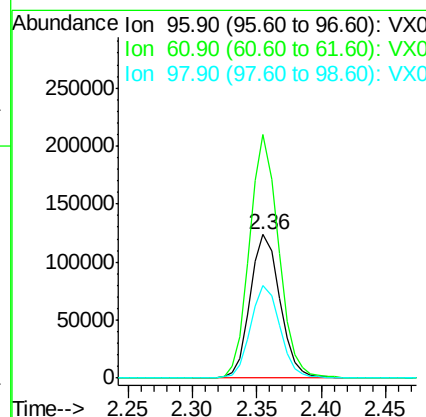
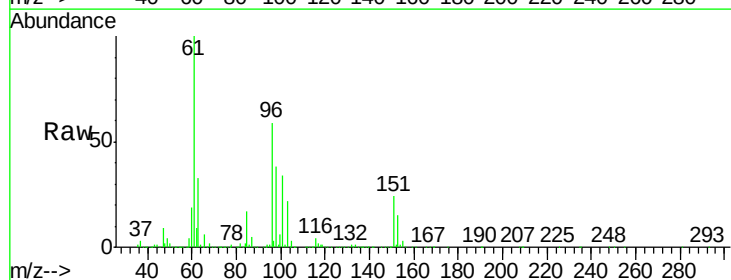
MMDadoda
9/10/2020 4:03:24 PM

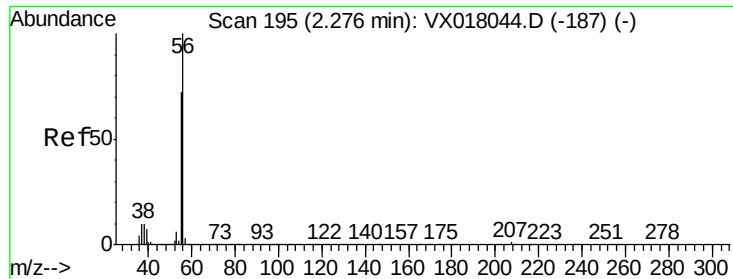


#12

1,1-Dichloroethene
Concen: 47.597 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.3	133.0	199.4
98	64.7	51.6	77.4





#13

Acrolein

Concen: 357.456 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 170163

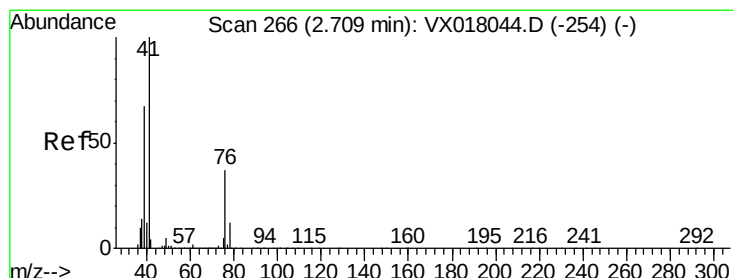
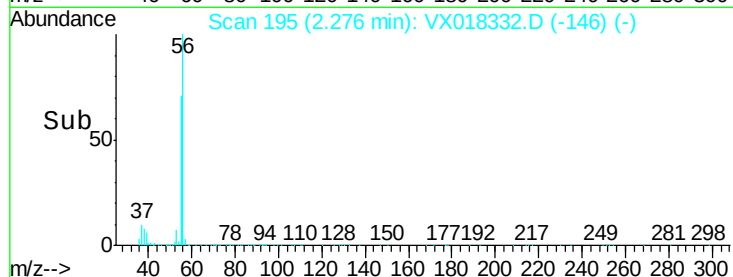
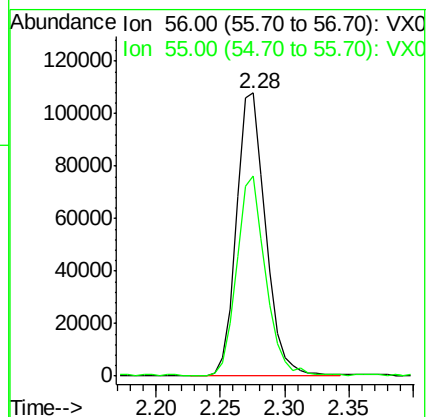
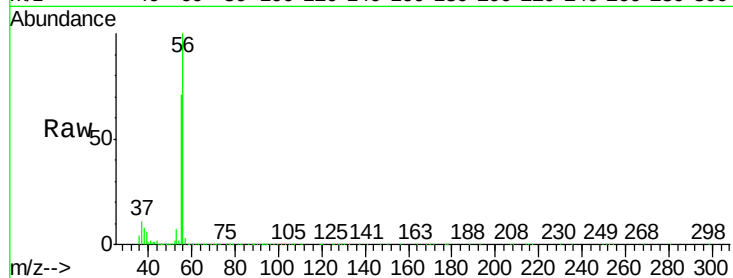
Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.6

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#14

Allyl chloride

Concen: 47.562 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

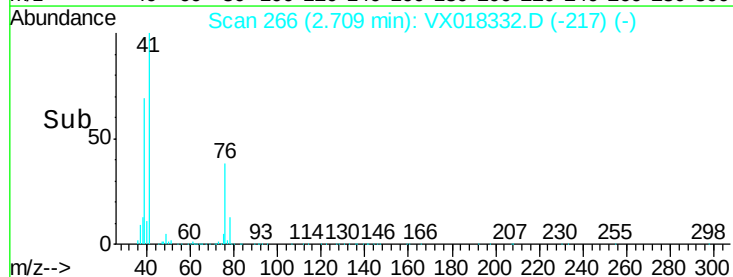
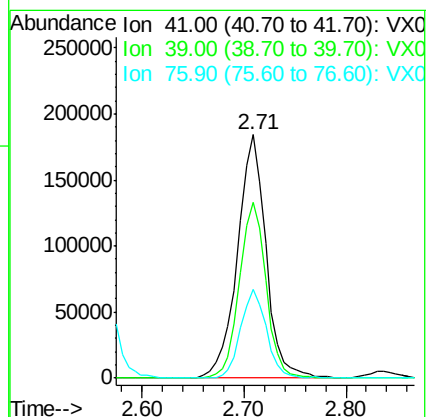
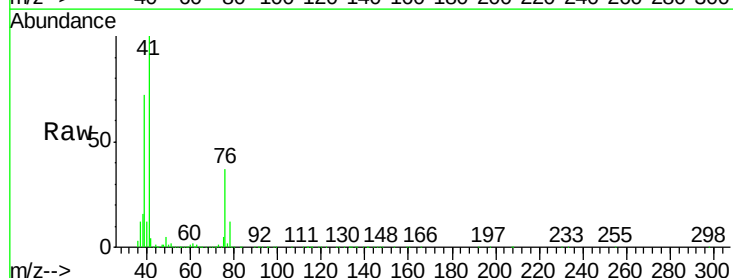
Tgt Ion: 41 Resp: 355177

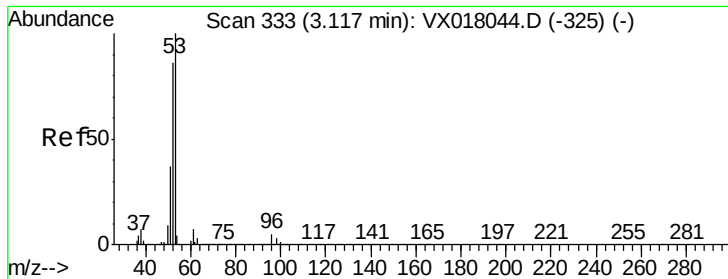
Ion Ratio Lower Upper

41 100

39 67.8 50.6 76.0

76 33.1 26.2 39.2





#15

Acrylonitrile

Concen: 237.907 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

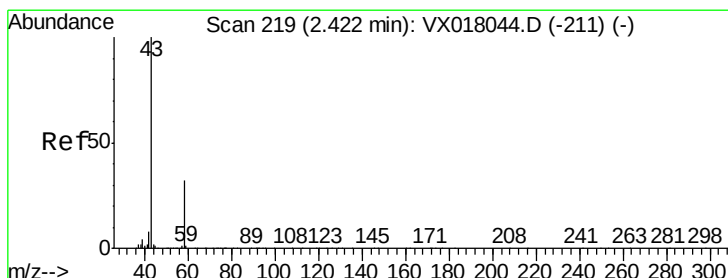
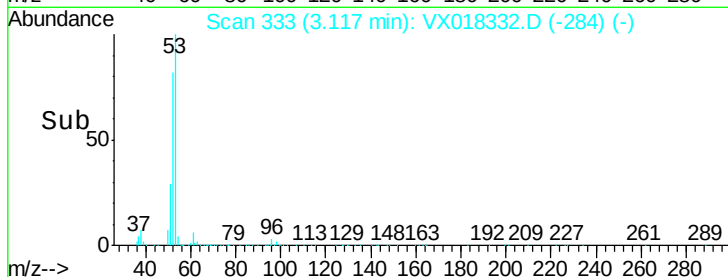
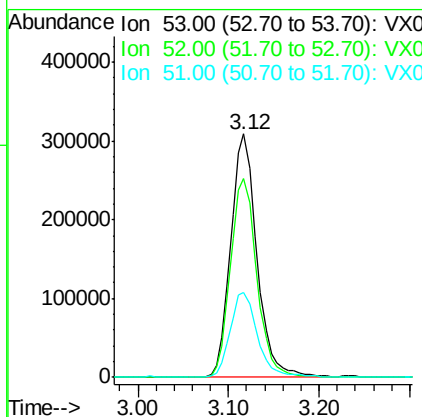
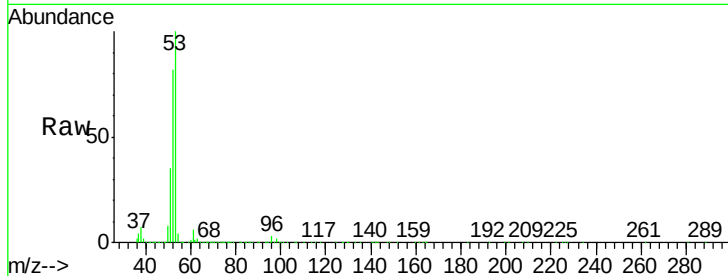
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	619572
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.9	100.3
51	36.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 236.971 ug/l

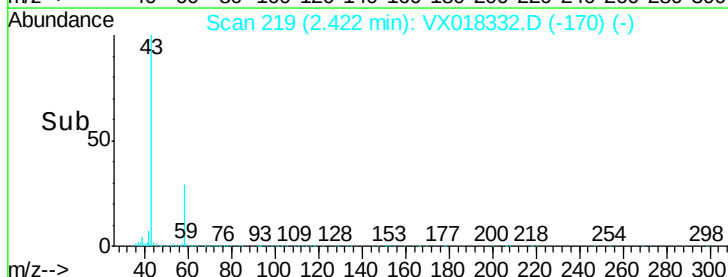
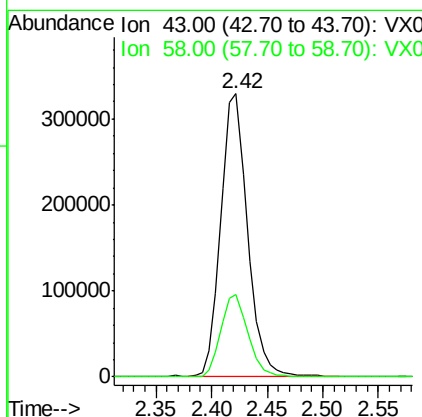
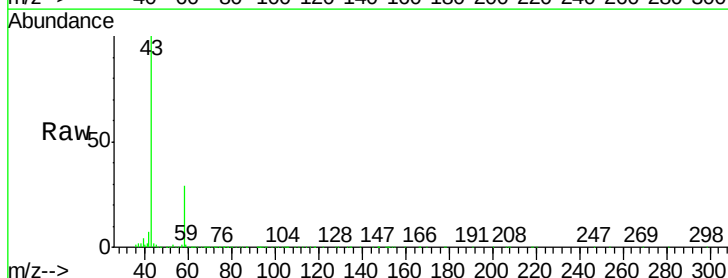
RT: 2.42 min Scan# 219

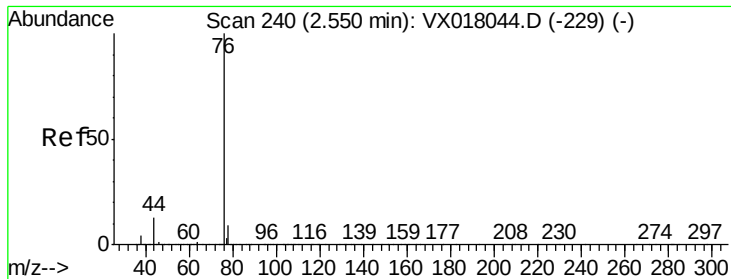
Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tgt Ion:	43	Resp:	545222
Ion Ratio	Lower	Upper	
43	100		
58	29.3	25.5	38.3





#17

Carbon Disulfide

Concen: 41.744 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 524513

Ion Ratio Lower Upper

76 100

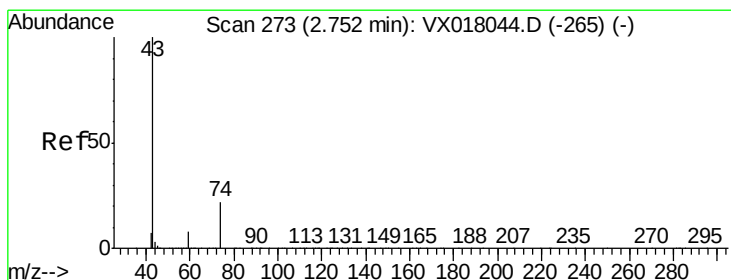
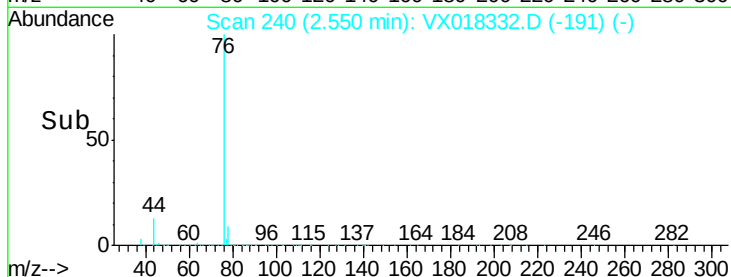
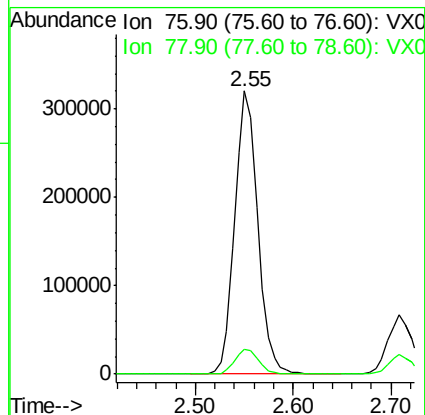
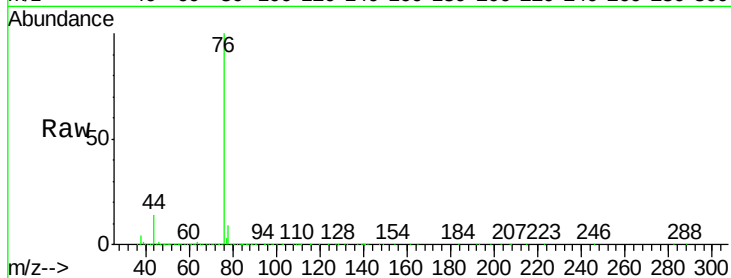
78 8.6 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 55.443 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018332.D

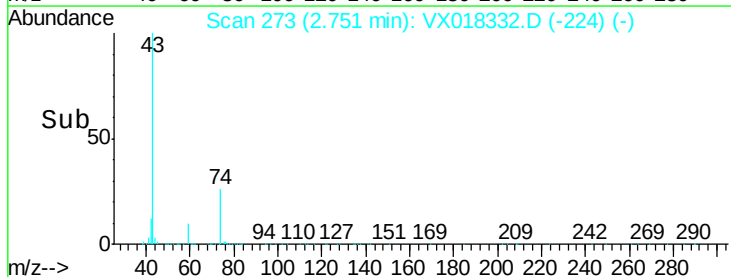
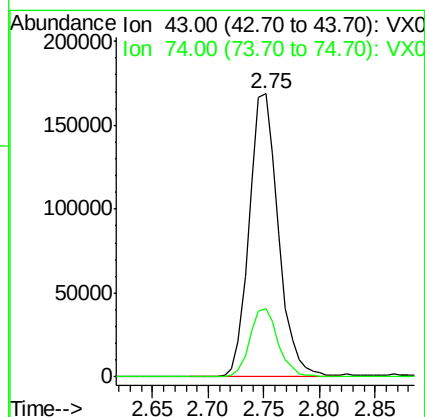
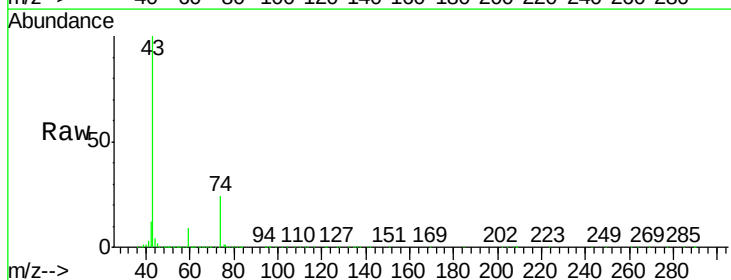
Acq: 09 Sep 2020 19:39

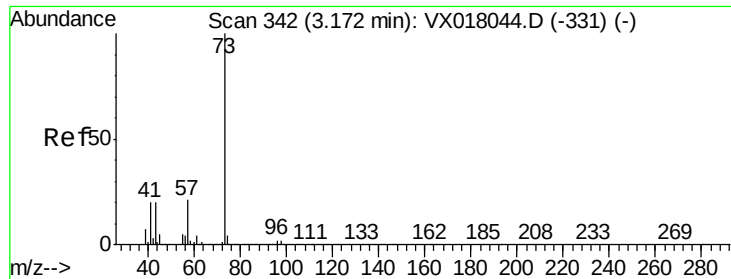
Tgt Ion: 43 Resp: 307826

Ion Ratio Lower Upper

43 100

74 23.6 18.2 27.4





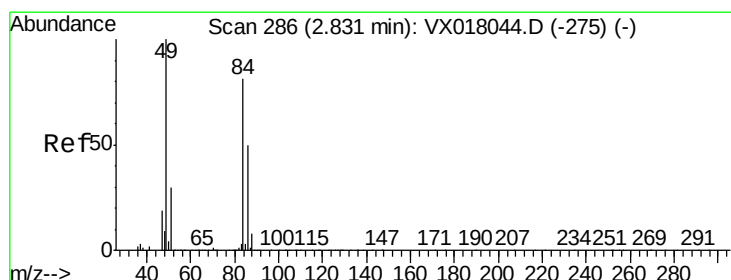
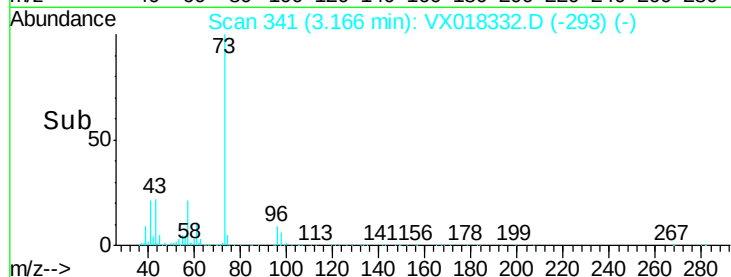
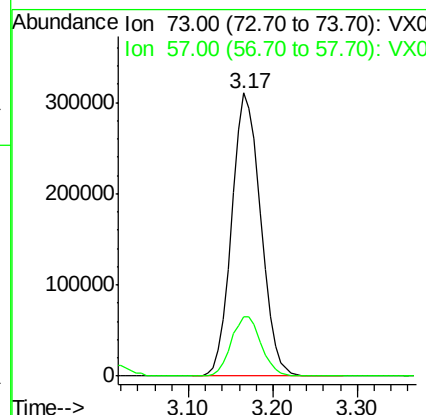
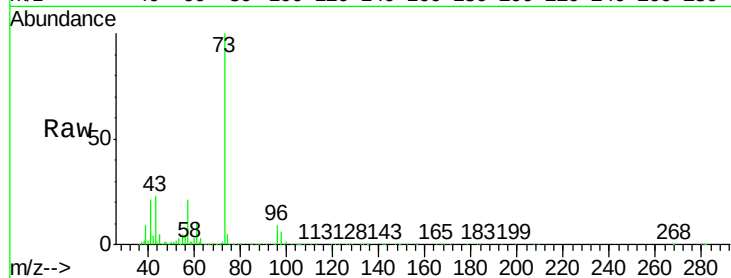
#19
Methyl tert-butyl Ether
Concen: 50.824 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.8	25.2

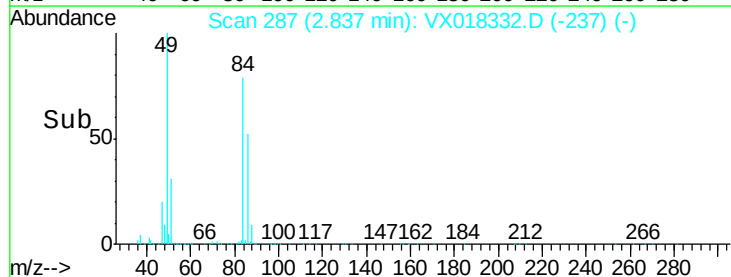
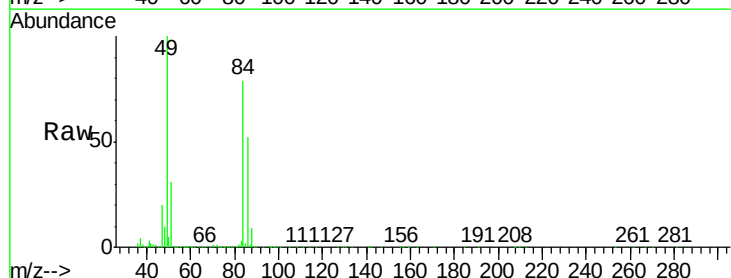
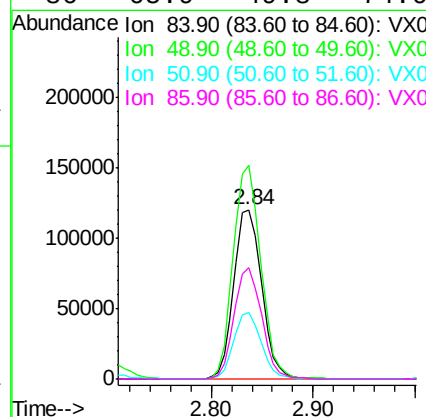
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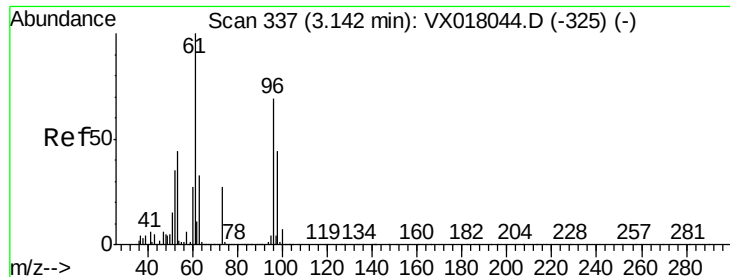
MMDadoda
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#20
Methylene Chloride
Concen: 48.331 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	98.6	148.0
51	39.6	29.6	44.4
86	65.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 46.525 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

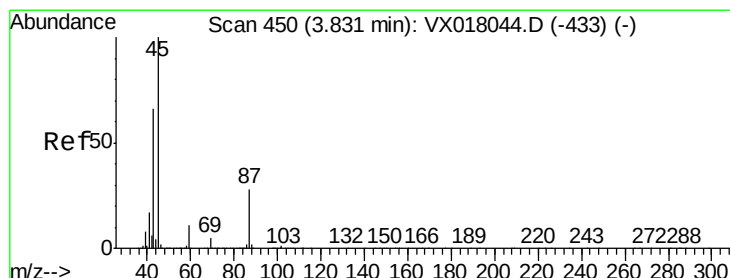
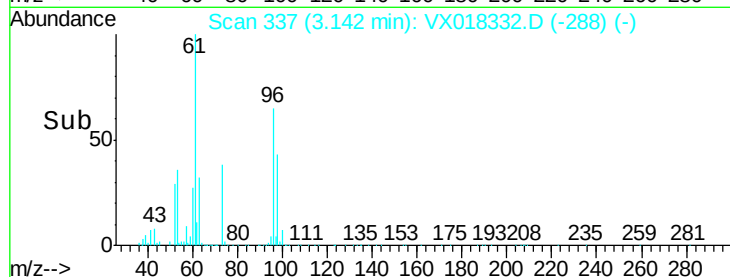
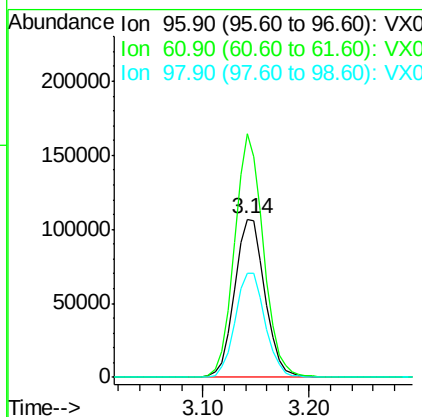
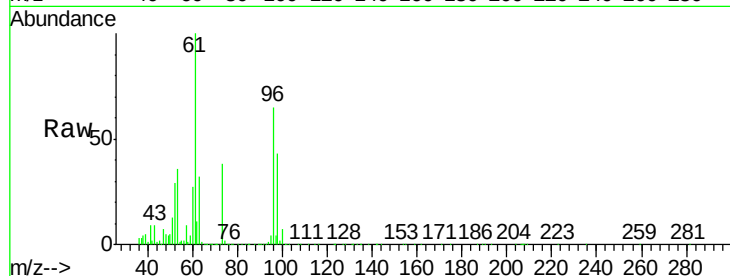
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	214248
Ion	Ratio	Lower	Upper
96	100		
61	153.9	115.4	173.0
98	66.2	51.1	76.7

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#22

Diisopropyl ether

Concen: 49.076 ug/l

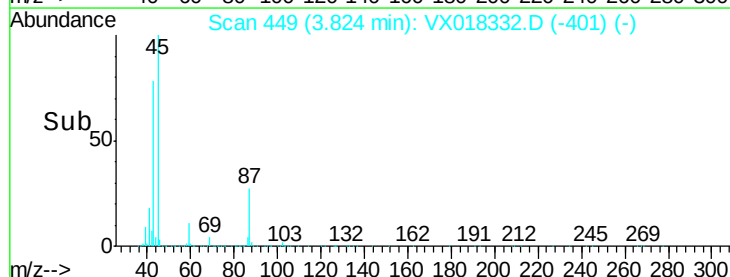
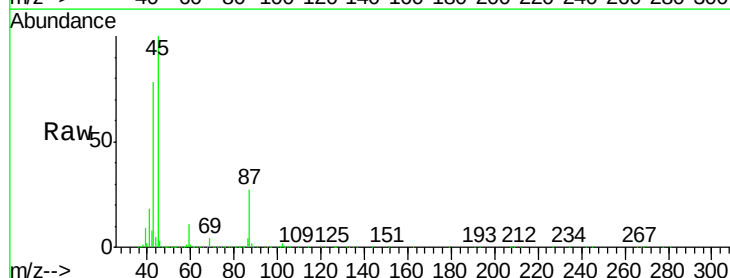
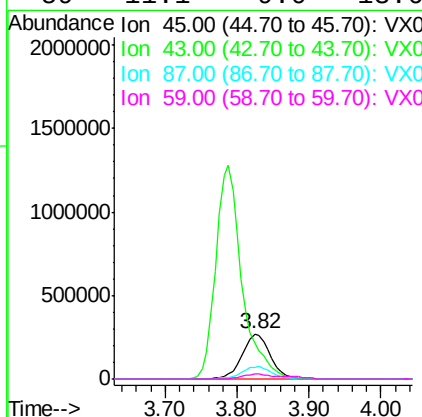
RT: 3.82 min Scan# 449

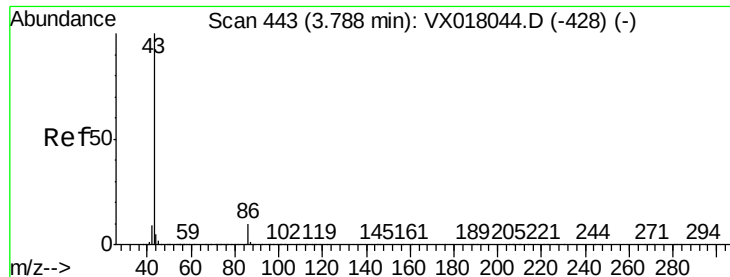
Delta R.T. -0.01 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tgt Ion:	45	Resp:	723328
Ion	Ratio	Lower	Upper
45	100		
43	77.5	52.8	79.2
87	26.8	22.5	33.7
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 246.425 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3231808

Ion Ratio Lower Upper

43 100

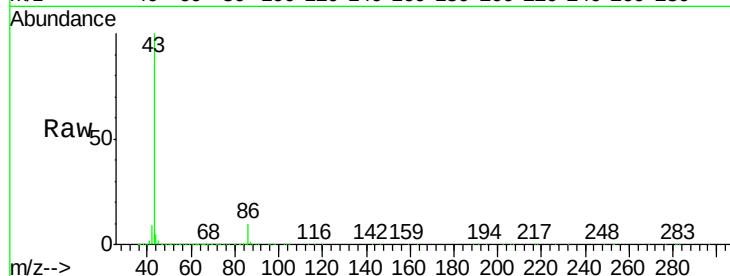
86 10.2 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

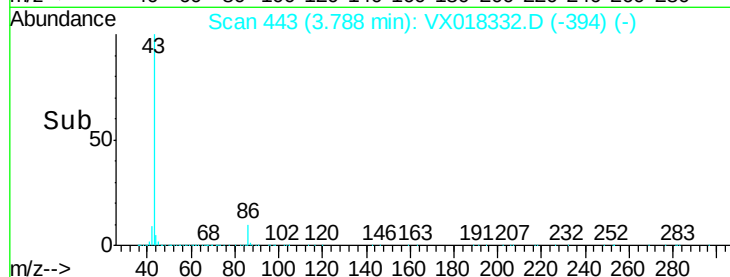
1500000

1000000

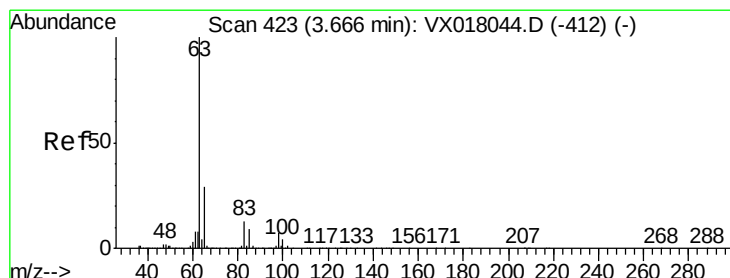
500000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 48.829 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

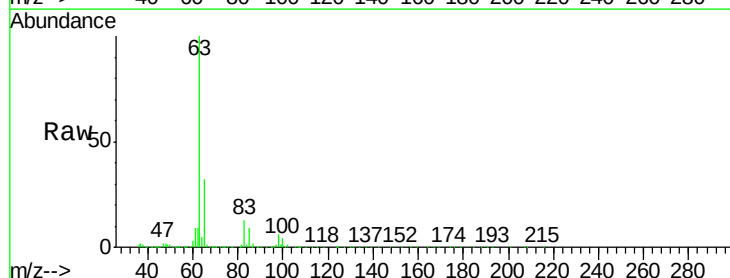
Tgt Ion: 63 Resp: 409675

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.3 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

200000

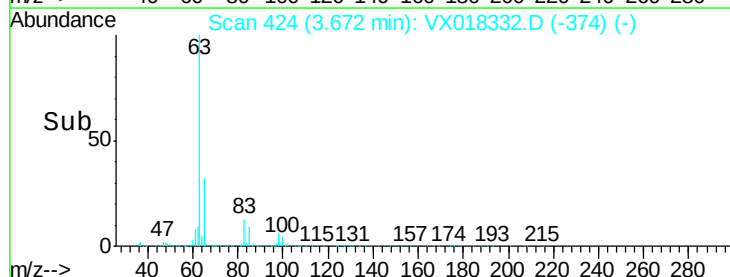
150000

100000

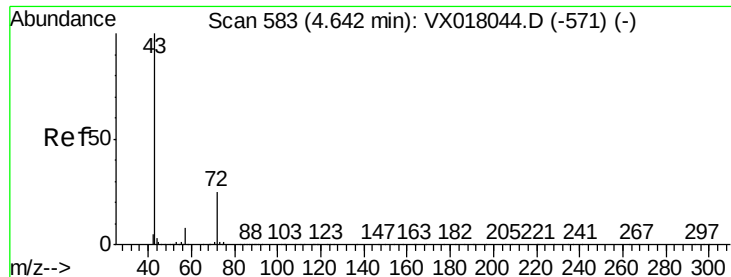
50000

0

Time-->



Time-->



#25

2-Butanone

Concen: 228.724 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tot Ion: 43 Resp: 864867

Ion Ratio Lower Upper

43 100

72 25.4 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

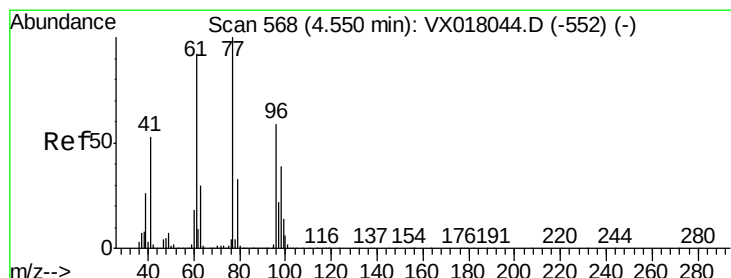
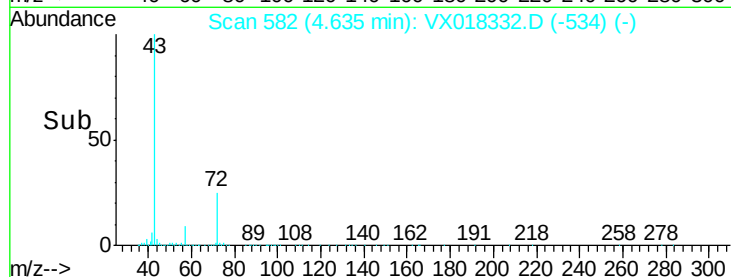
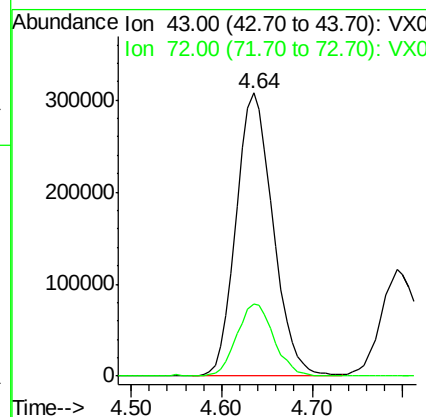
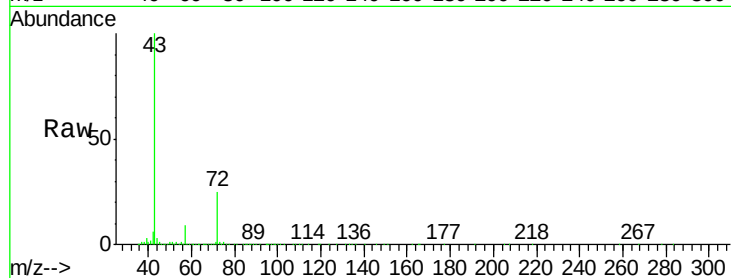
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.442 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018332.D

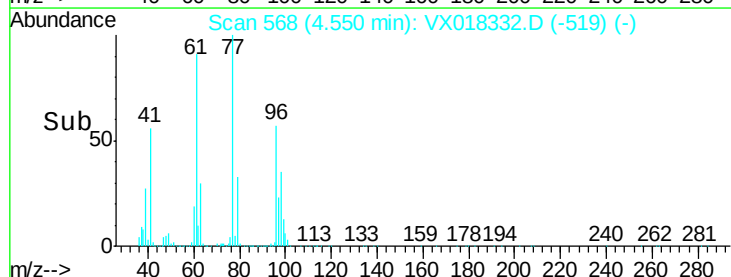
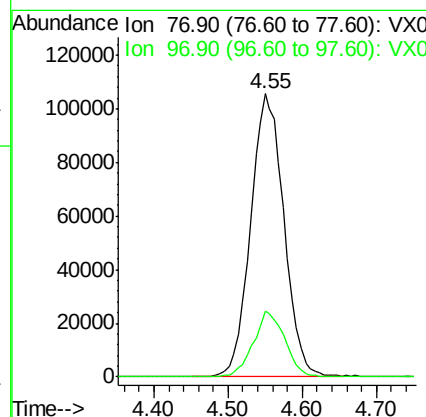
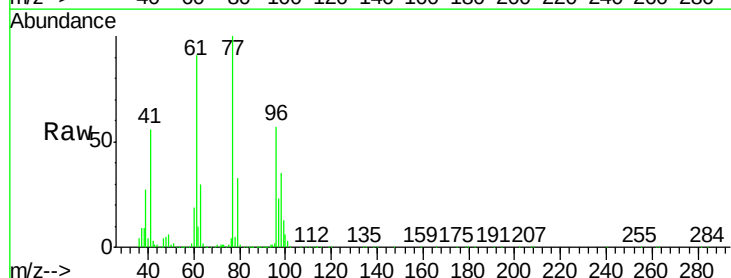
Acq: 09 Sep 2020 19:39

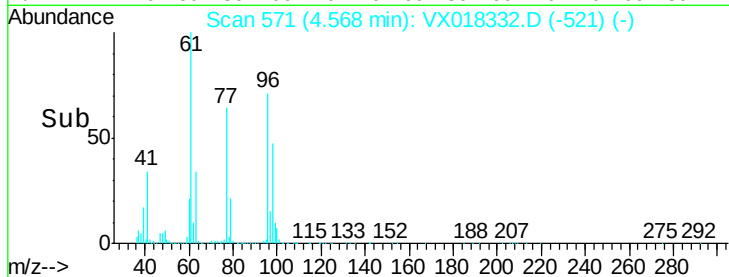
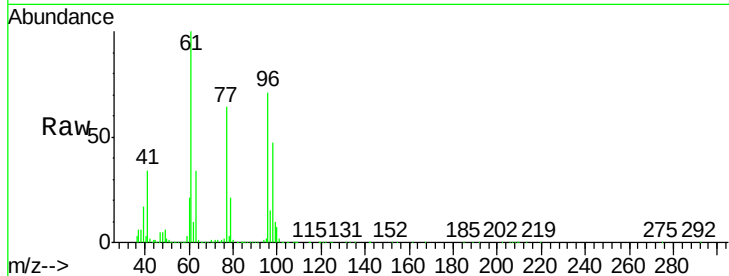
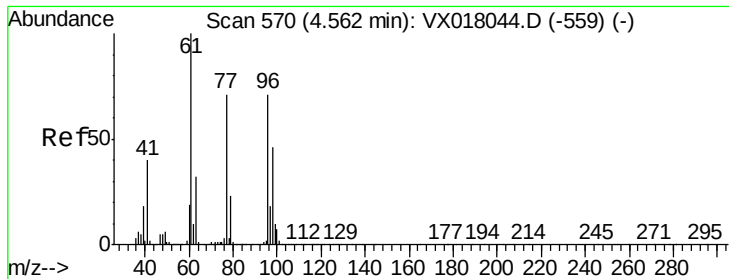
Tgt Ion: 77 Resp: 330688

Ion Ratio Lower Upper

77 100

97 22.0 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 46.929 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX018332.D

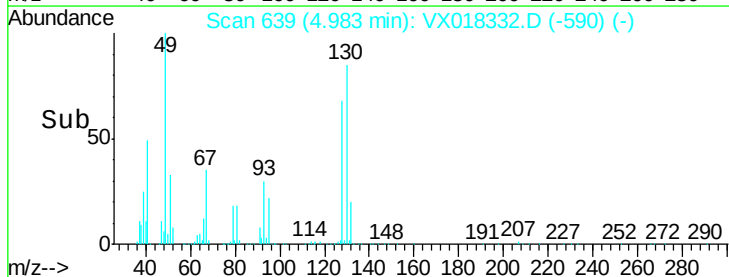
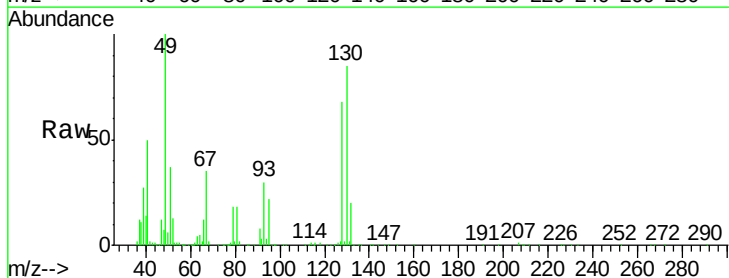
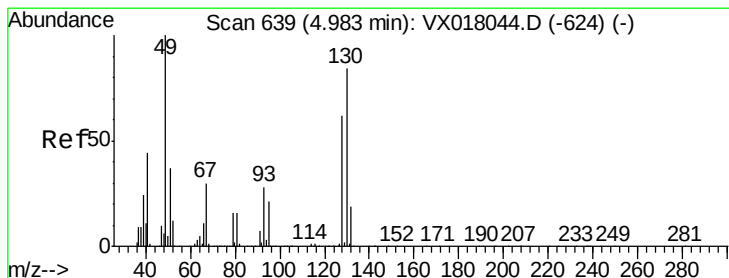
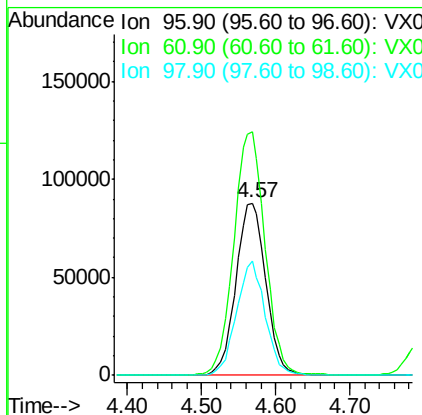
Acq: 09 Sep 2020 19:39

Tot Ion	Ratio	Resp	Lower	Upper
96	100	248997		
61	146.8	0.0	296.6	
98	63.5	0.0	130.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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MMDadoda
9/10/2020 4:03:24 PM



#28

Bromochloromethane

Concen: 47.066 ug/l

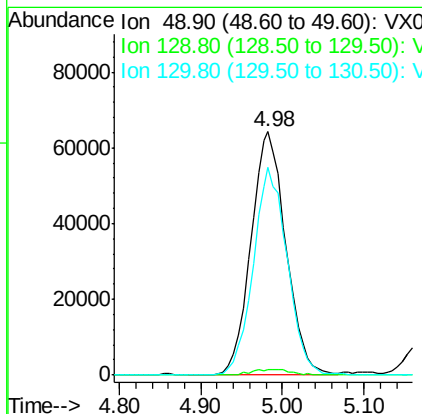
RT: 4.98 min Scan# 639

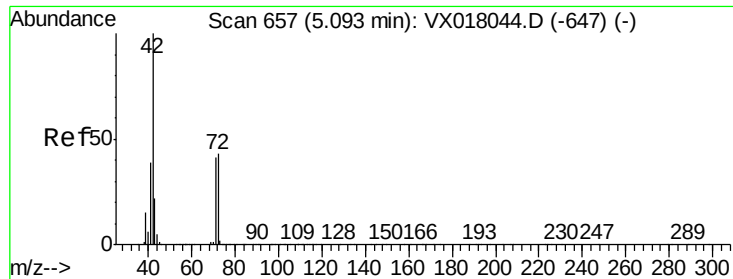
Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	190608		
129	1.0	0.0	4.6	
130	83.5	64.6	96.8	





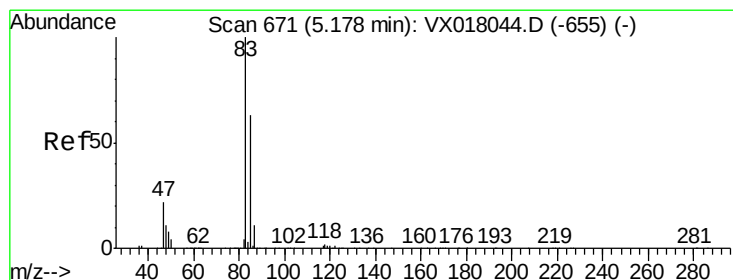
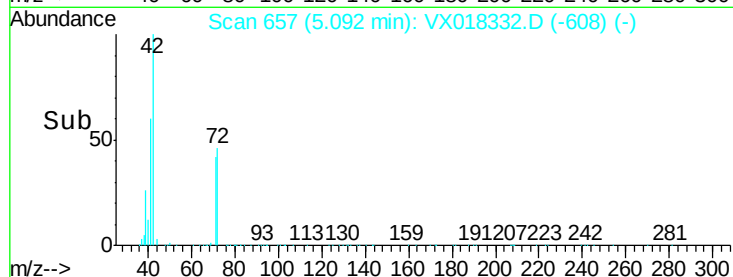
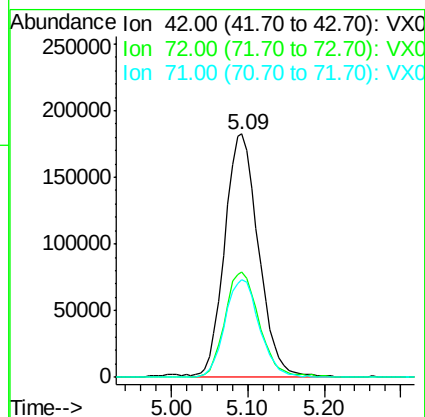
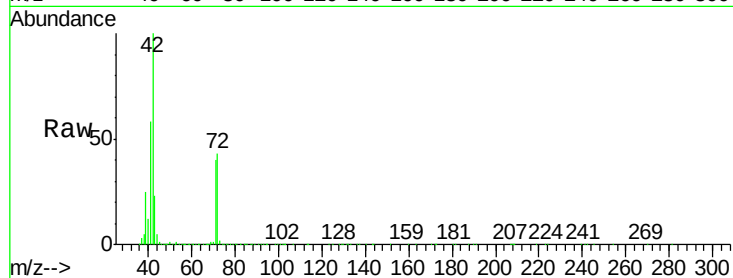
#29
Tetrahydrofuran
Concen: 231.112 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.2	51.4
71	40.9	32.1	48.1

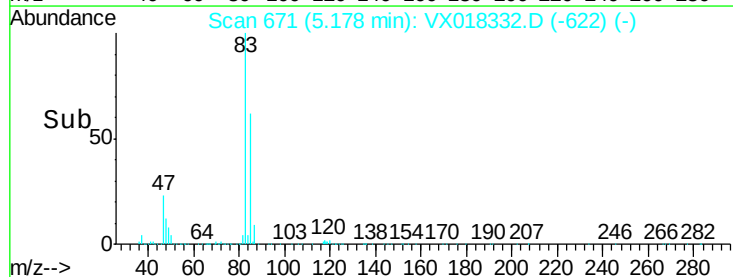
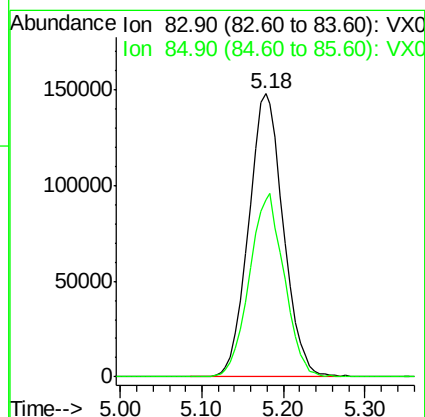
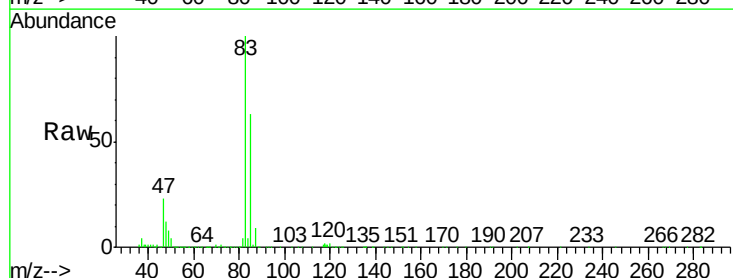
Manual Integrations
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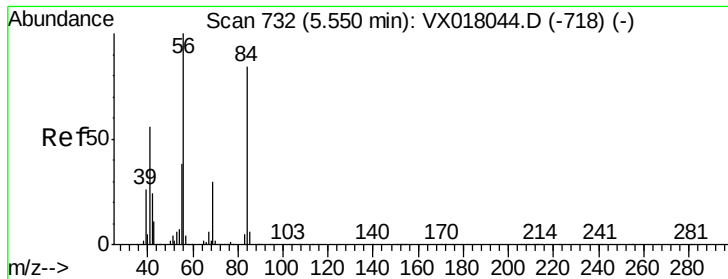
MMDadoda
9/10/2020 4:03:24 PM



#30
Chloroform
Concen: 50.428 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.7	76.1





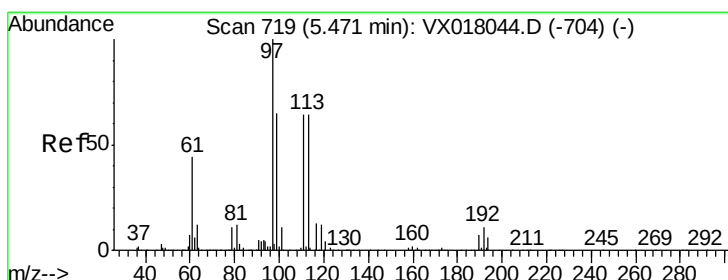
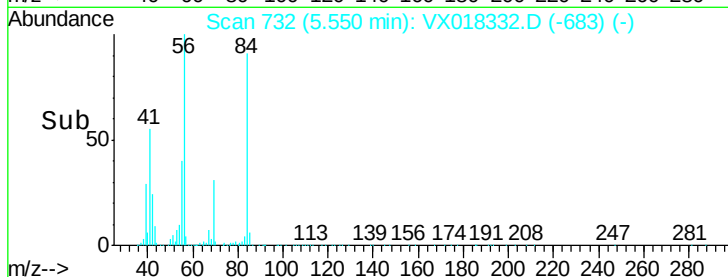
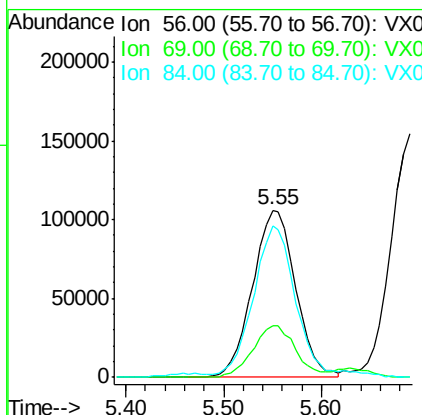
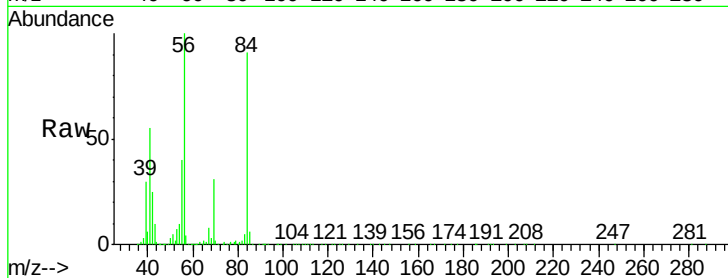
#31
Cyclohexane
Concen: 45.836 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.9	35.9
84	88.9	67.0	100.4

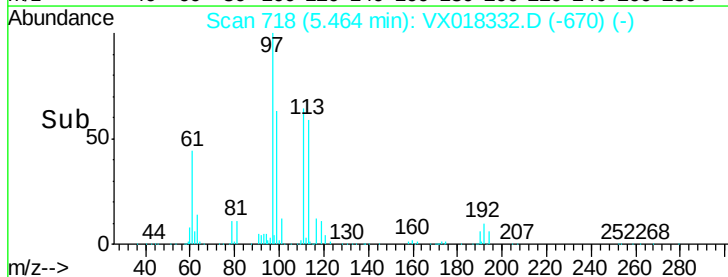
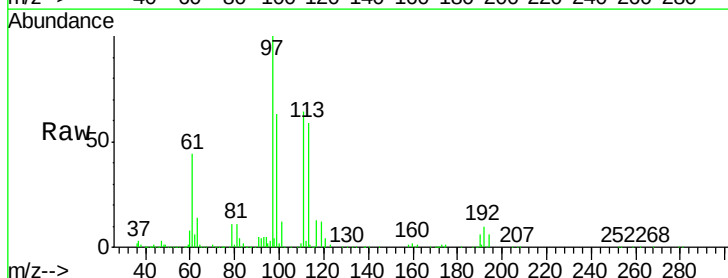
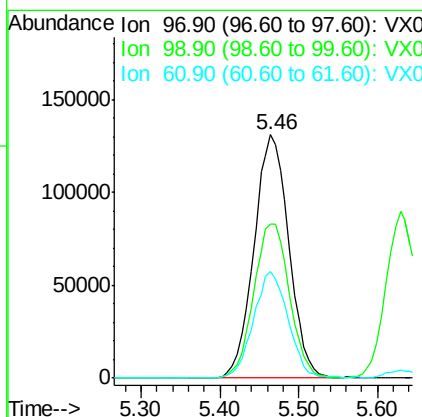
Manual Integrations
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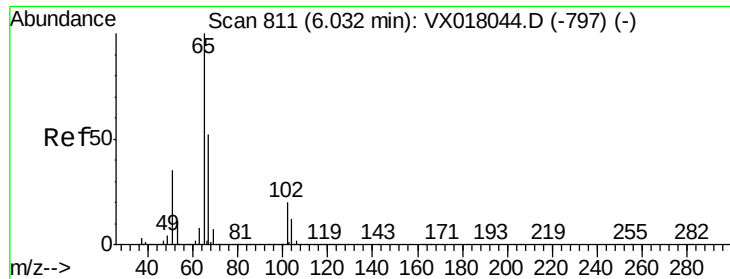
MMDadoda
9/10/2020 4:03:24 PM



#32
1,1,1-Trichloroethane
Concen: 50.347 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.0
61	43.6	34.2	51.4





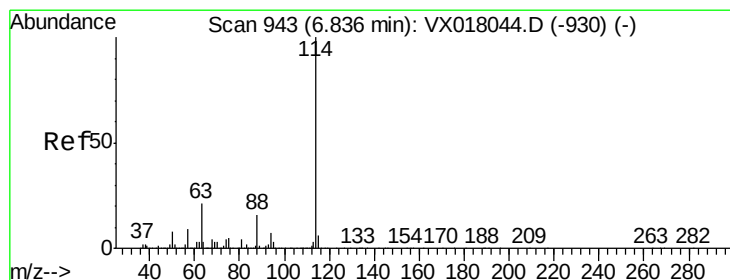
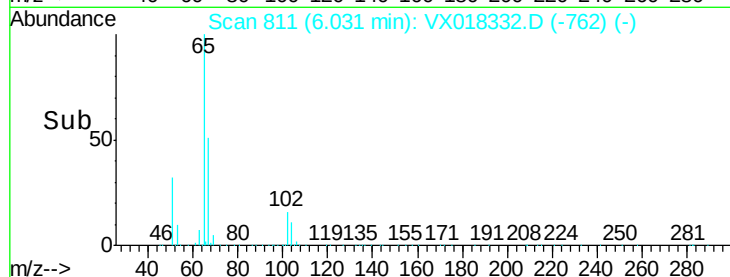
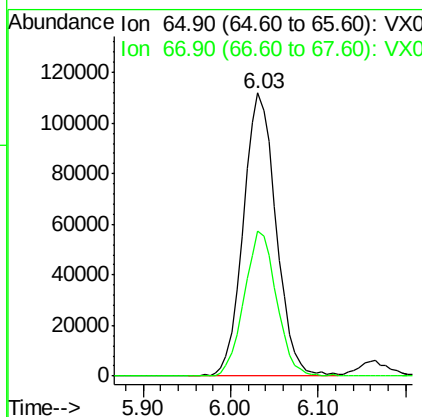
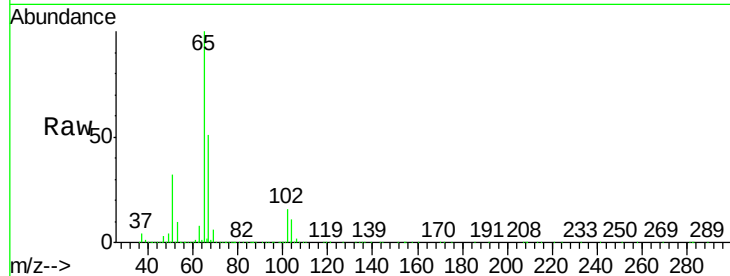
#33
 1,2-Dichloroethane-d4
 Concen: 49.322 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	105.8

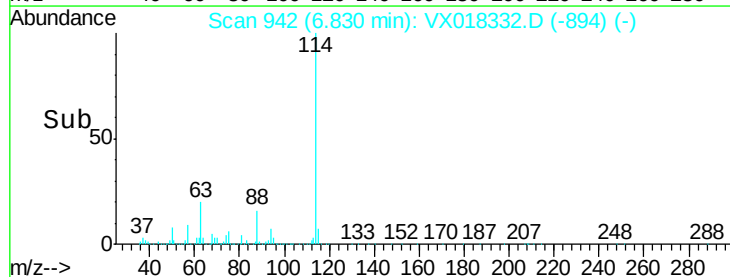
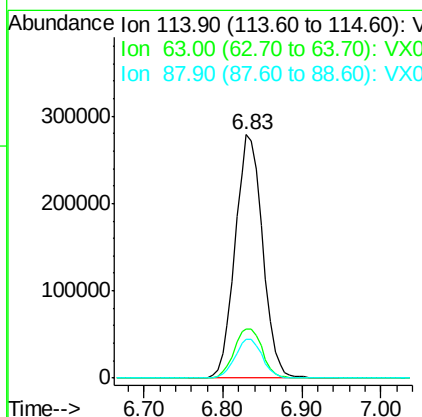
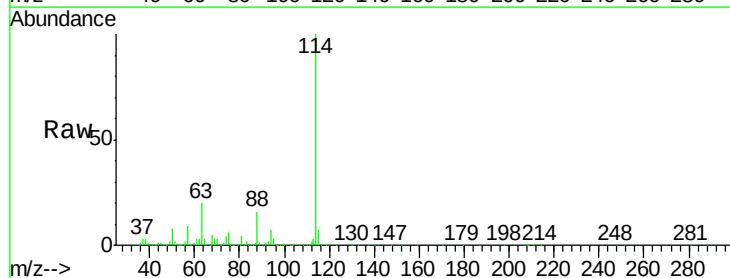
Manual Integrations
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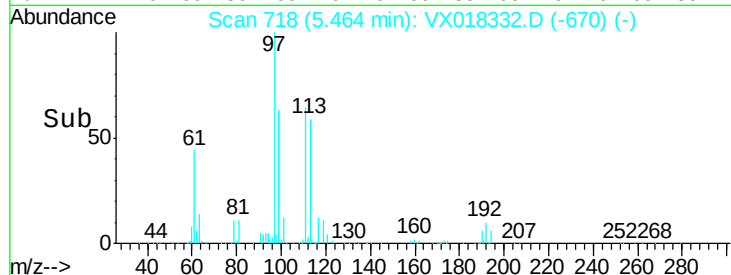
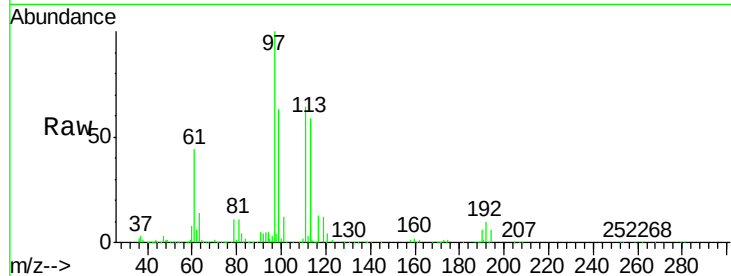
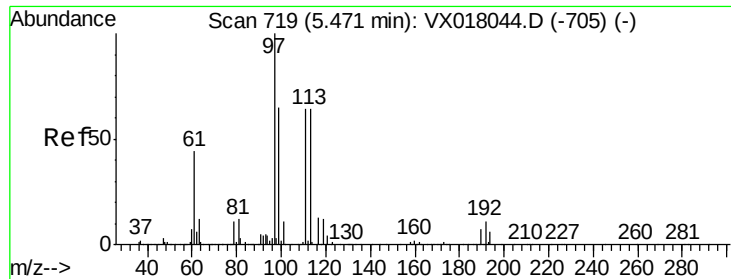
MMDadoda
 9/10/2020 4:03:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	15.8	0.0	31.8





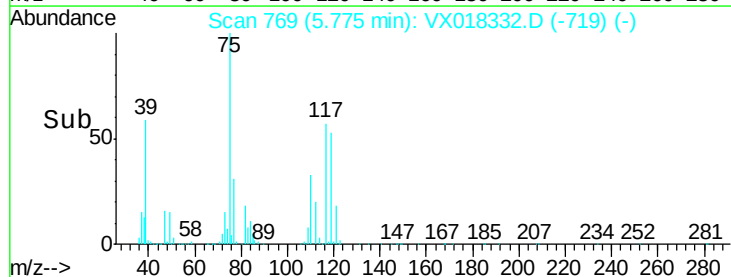
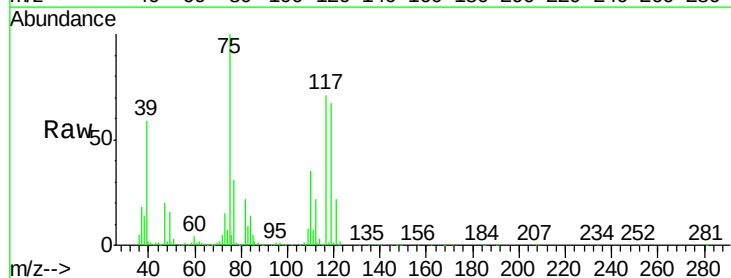
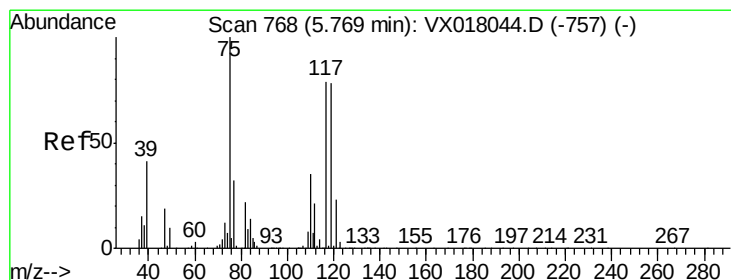
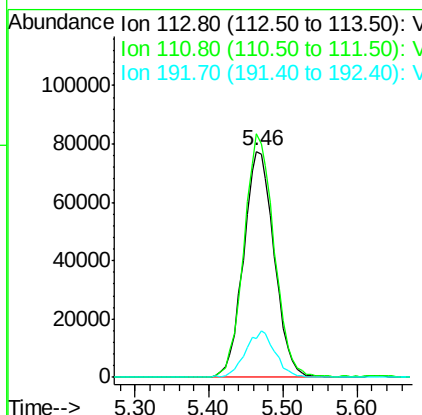
#35
Dibromofluoromethane
Concen: 48.807 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tot Ion	Ratio	Resp	Lower	Upper
113	100	223729		
111	105.9		81.6	122.4
192	20.0		15.8	23.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

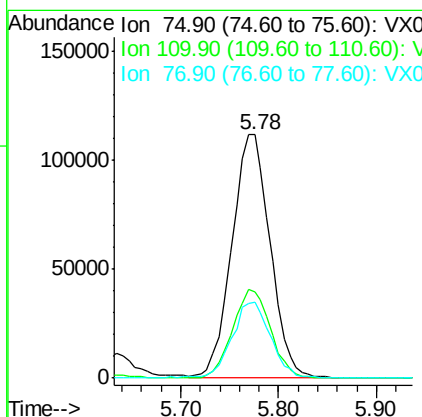
Manual Integrations
APPROVED

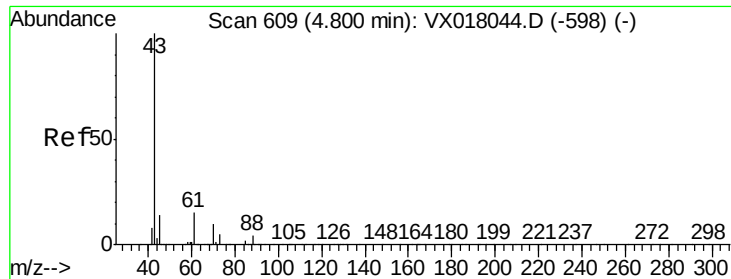
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.549 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	301397		
110	36.2		18.0	54.0
77	31.7		24.4	36.6





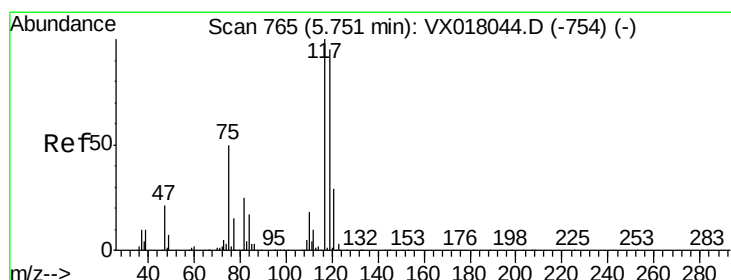
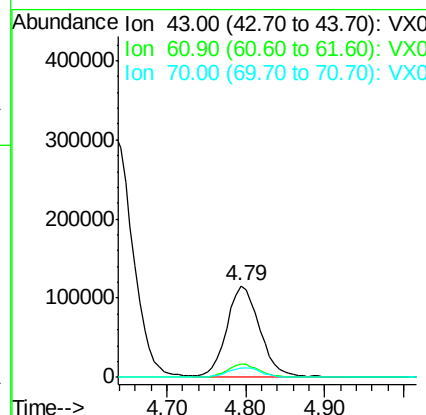
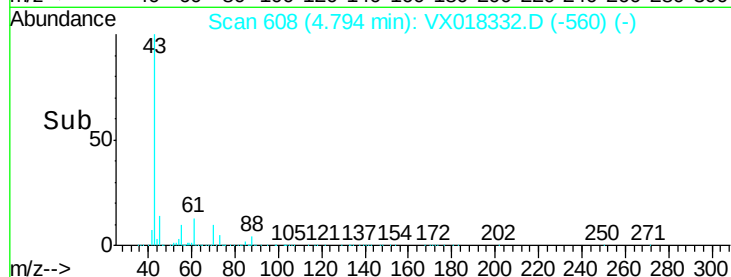
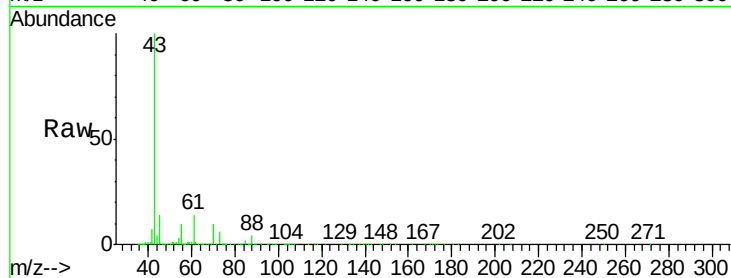
#37
Ethyl Acetate
Concen: 46.697 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	336699
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.3	16.9
70	10.8	8.2	12.4

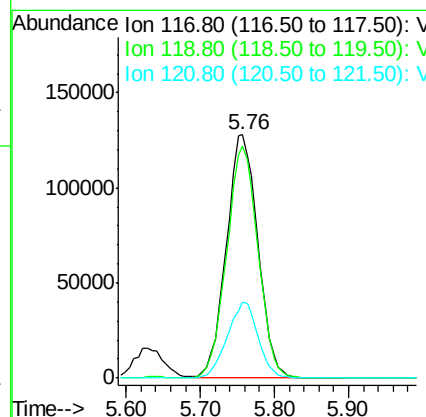
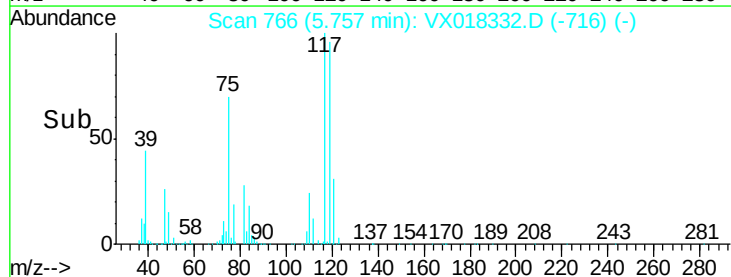
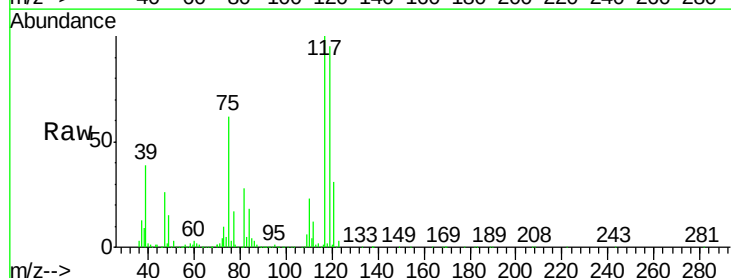
Manual Integrations
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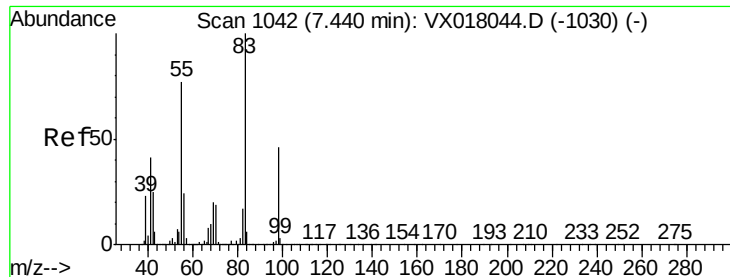
MMDadoda
9/10/2020 4:03:24 PM



#38
Carbon Tetrachloride
Concen: 53.985 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	117	Resp	377686
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.8	113.6
121	31.4	23.4	35.0





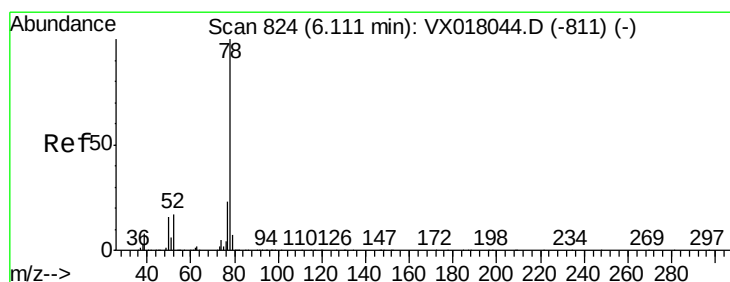
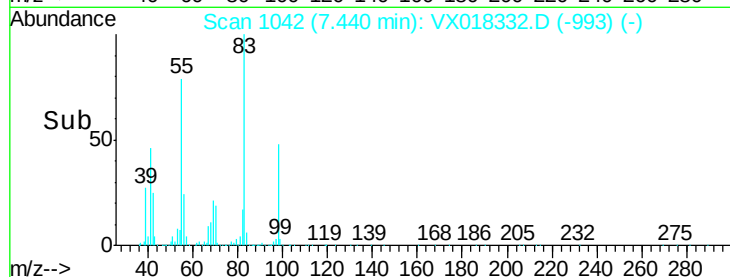
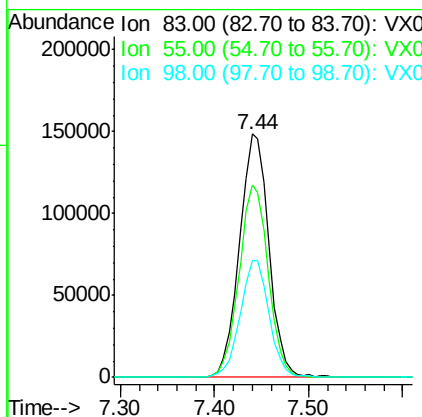
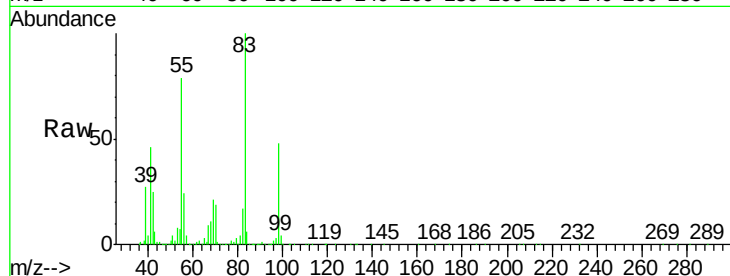
#39
Methylvlcyclohexane
Concen: 47.809 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	324545
Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.8	92.6
98	48.1	36.6	55.0

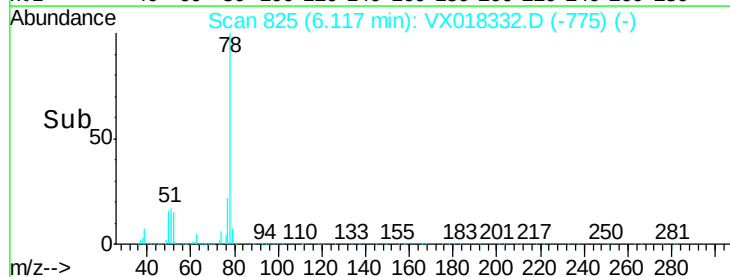
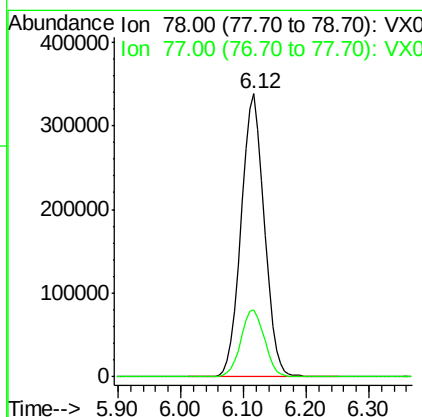
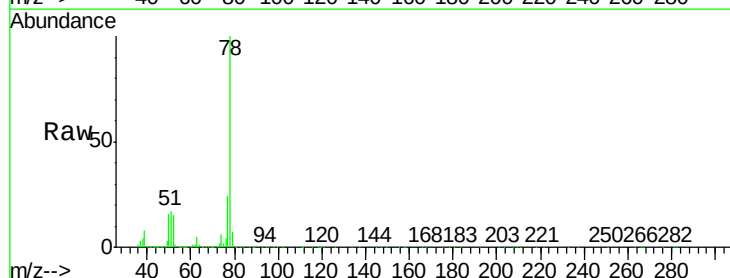
Manual Integrations
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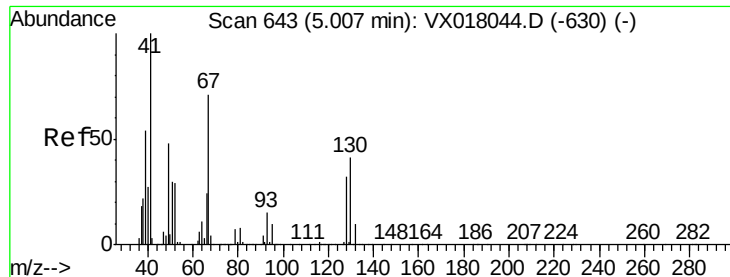
MMDadoda
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#40
Benzene
Concen: 47.405 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	78	Resp	864752
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2





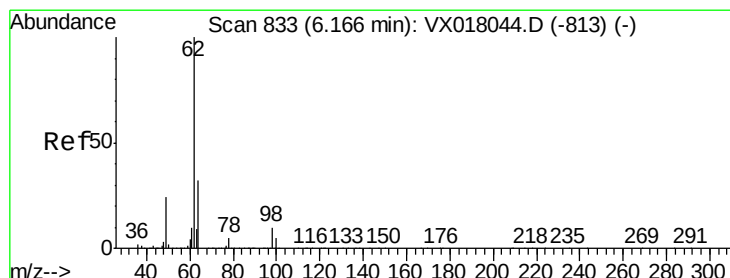
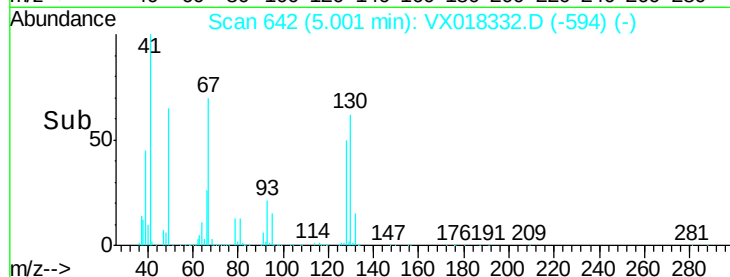
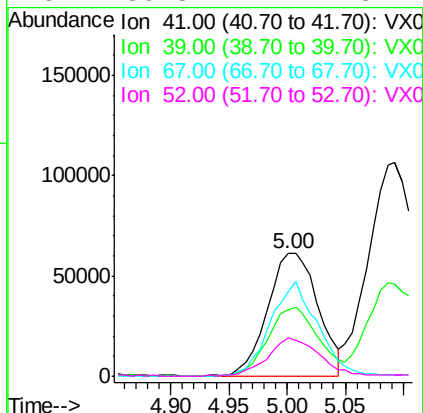
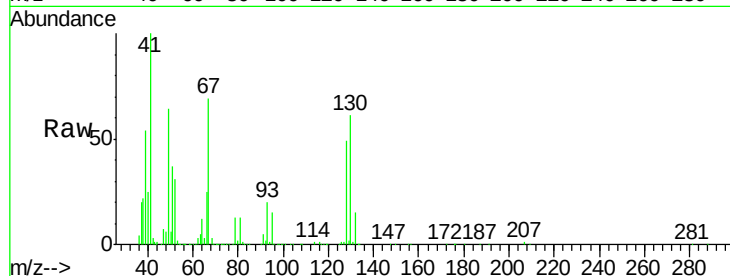
#41
Methacrylonitrile
Concen: 46.204 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		182922		
39	56.7	43.1	64.7		
67	73.0	56.0	84.0		
52	30.8	22.7	34.1		

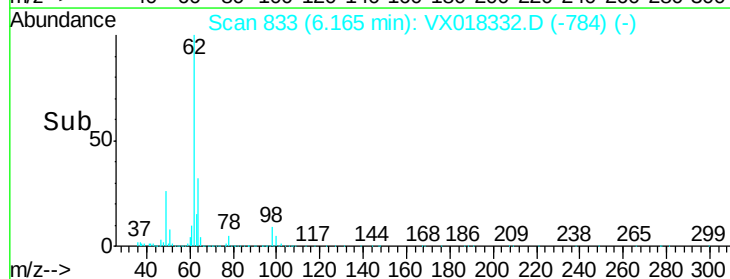
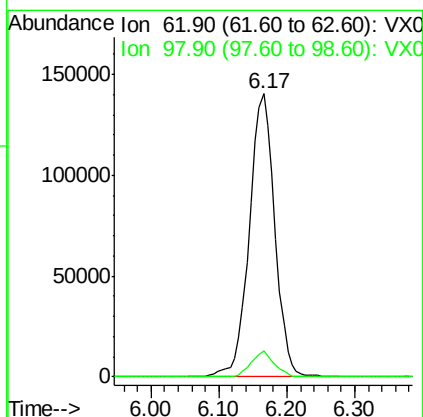
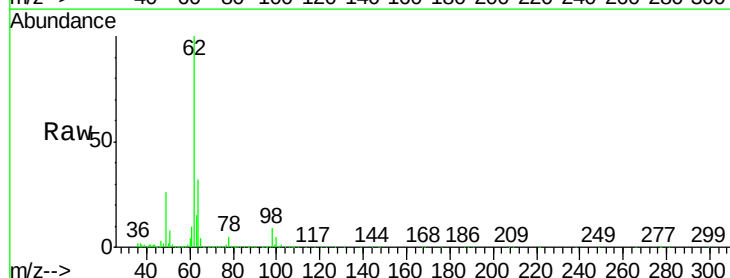
Manual Integrations
APPROVED

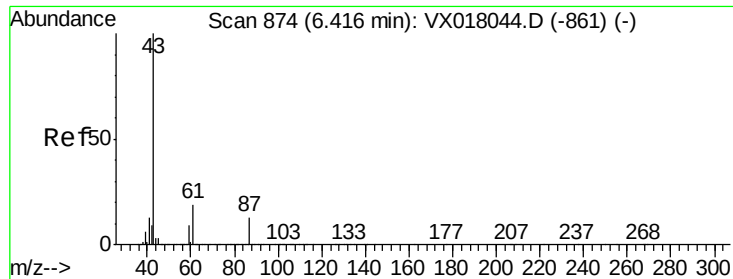
MMDadoda
9/10/2020 4:03:24 PM



#42
1,2-Dichloroethane
Concen: 52.669 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		368108		
98	8.2	0.0	18.2		





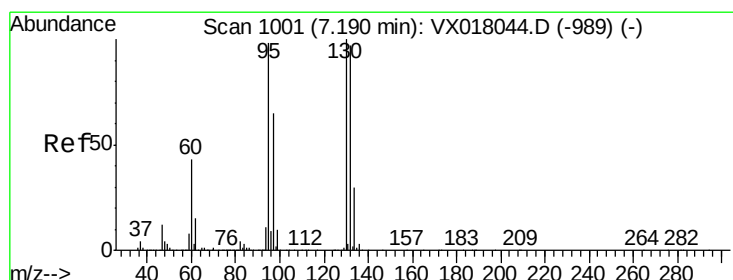
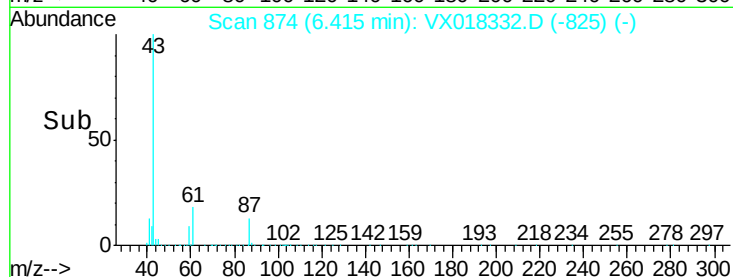
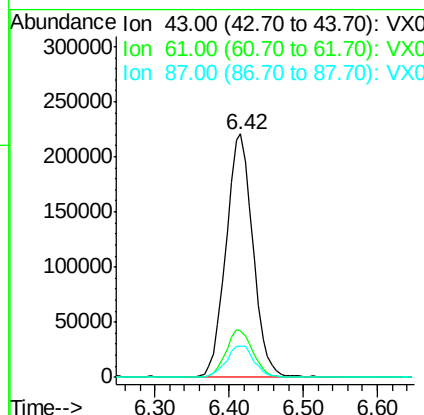
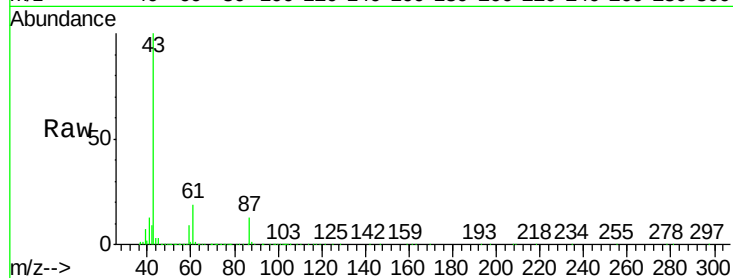
#43
Isopropyl Acetate
Concen: 47.547 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.5	10.3	15.5

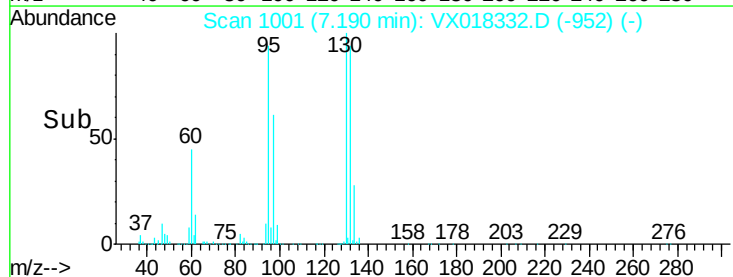
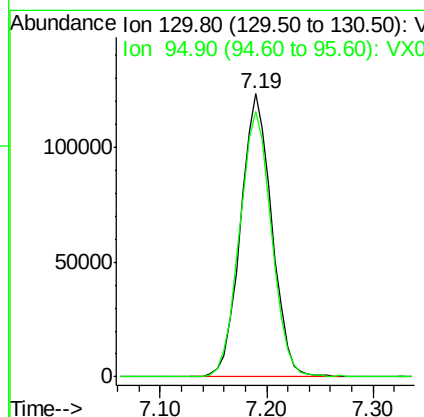
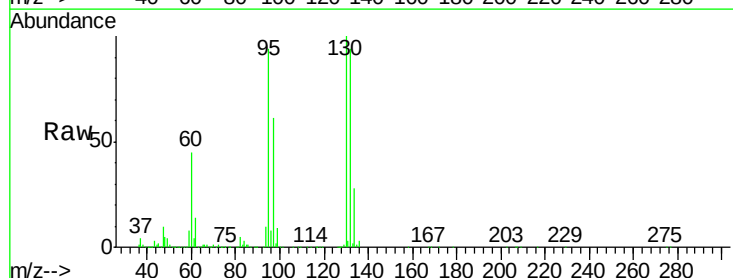
Manual Integrations
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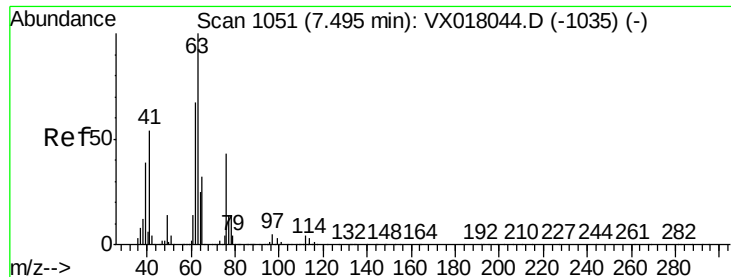
MMDadoda
9/10/2020 4:03:24 PM



#44
Trichloroethene
Concen: 49.244 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	196.4





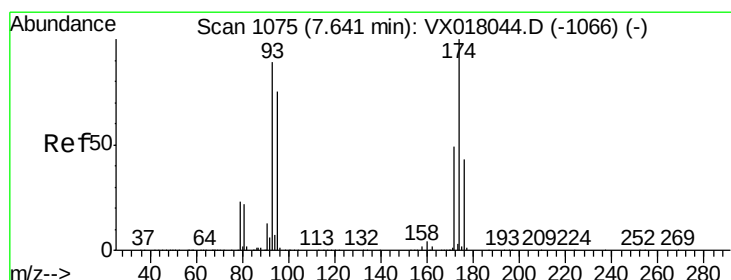
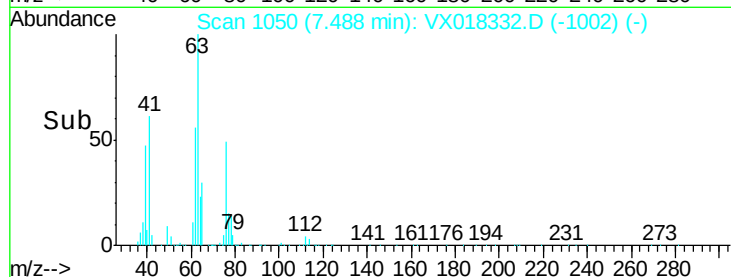
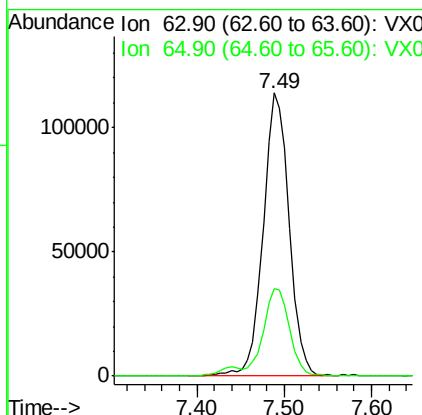
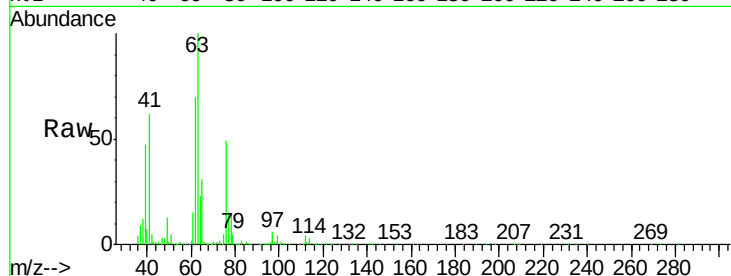
#45
 1,2-Dichloropropane
 Concen: 48.323 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.7	38.5

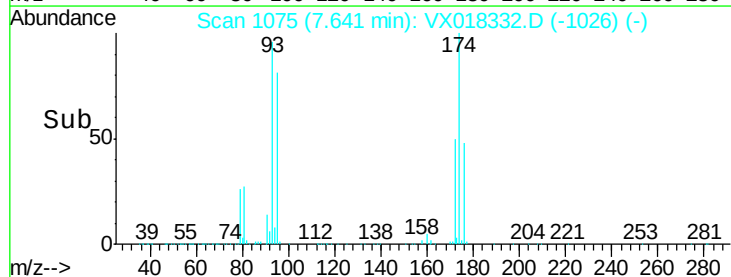
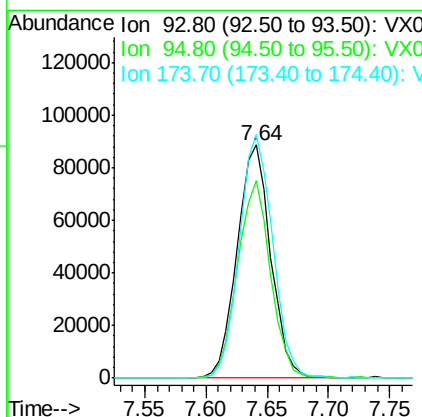
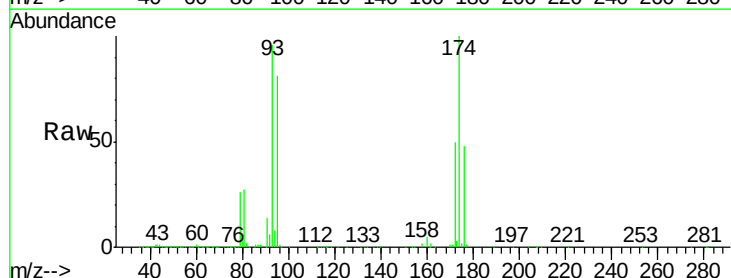
Manual Integrations
 APPROVED

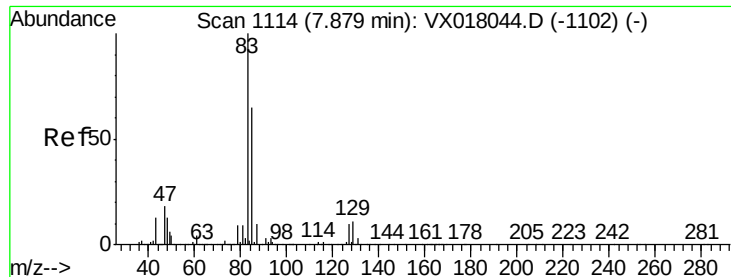
MMDadoda
 9/10/2020 4:03:24 PM



#46
 Dibromomethane
 Concen: 48.991 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.3	100.9
174	104.0	82.2	123.2





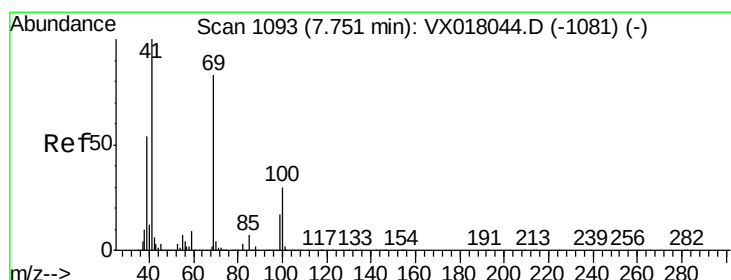
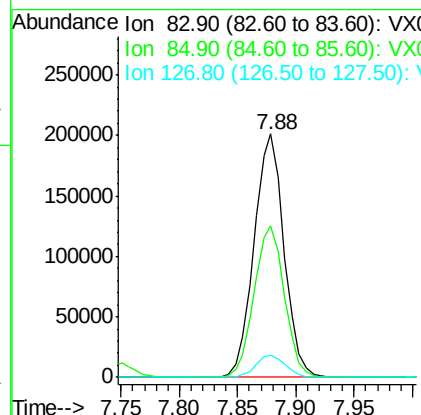
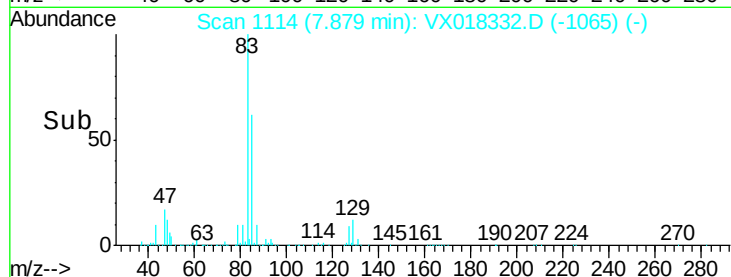
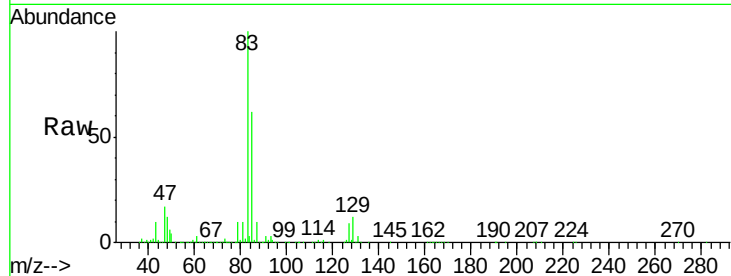
#47
Bromodichloromethane
Concen: 52.215 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	360450		
85	62.1		51.8	77.6
127	9.3		7.7	11.5

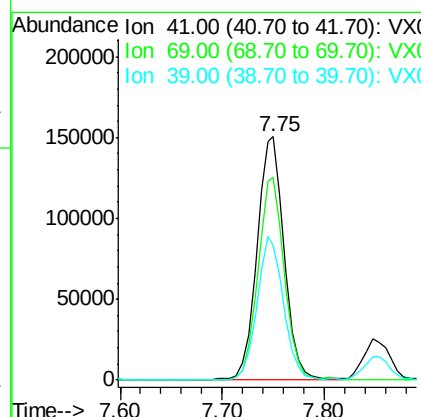
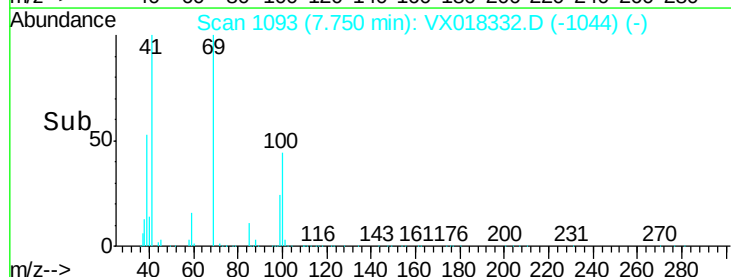
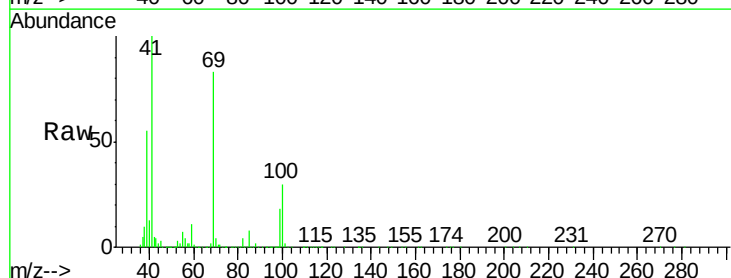
Manual Integrations
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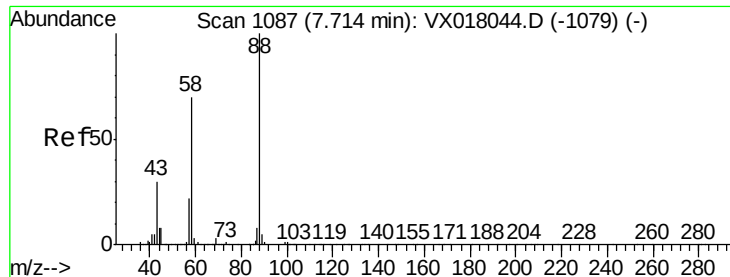
MMDadoda
9/10/2020 4:03:24 PM



#48
Methyl methacrylate
Concen: 47.731 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	276720		
69	82.2		65.5	98.3
39	57.8		44.5	66.7





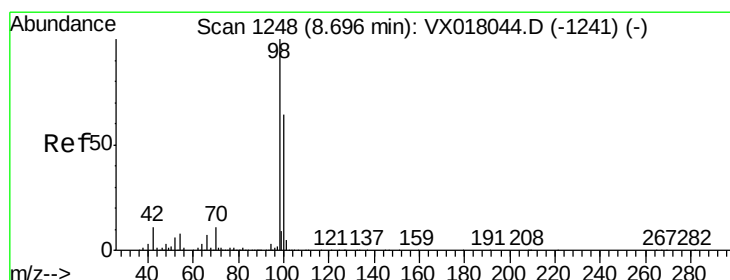
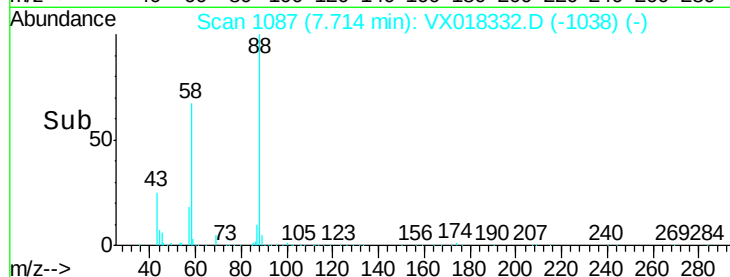
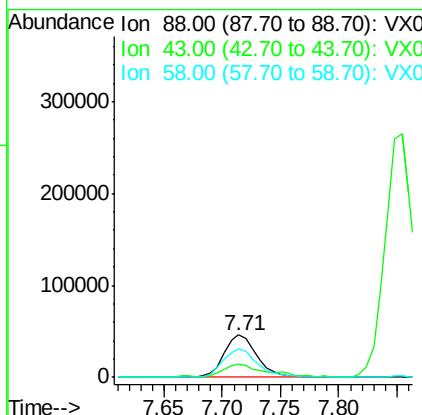
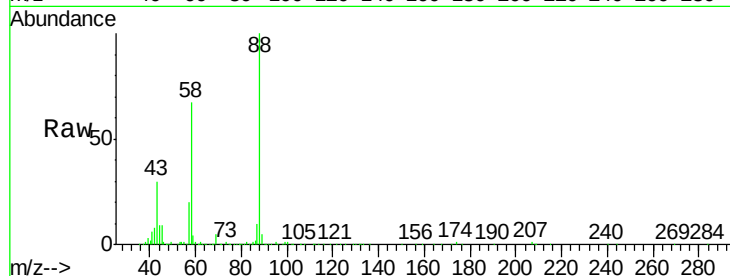
#49
1,4-Dioxane
Concen: 846.941 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	27.4	41.0
58	72.7	56.4	84.6

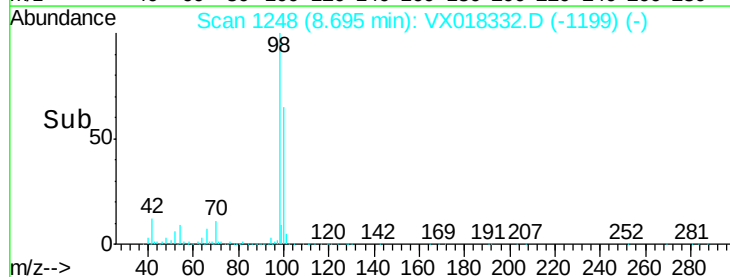
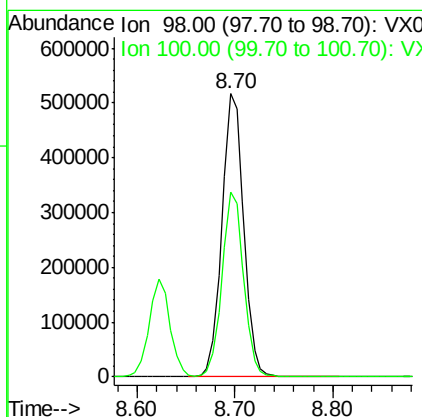
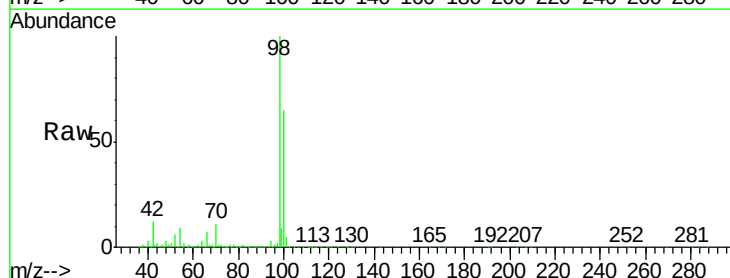
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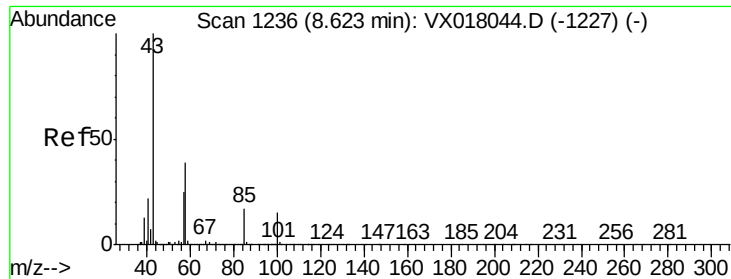
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#50
Toluene-d8
Concen: 46.647 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4





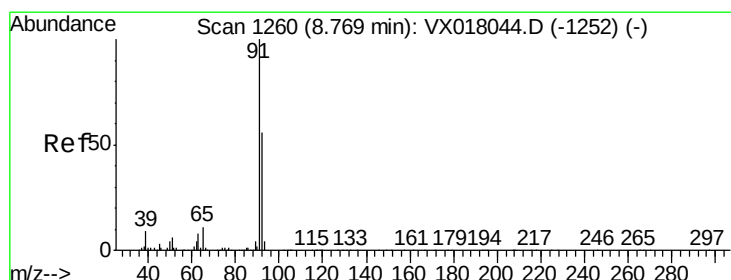
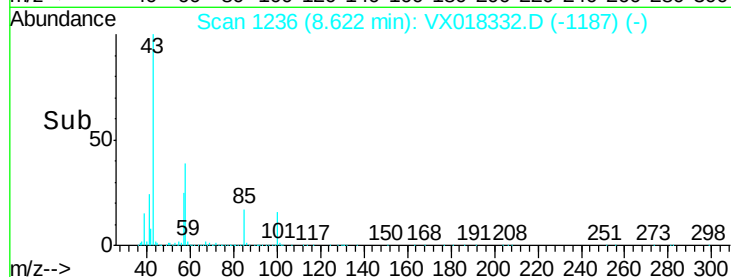
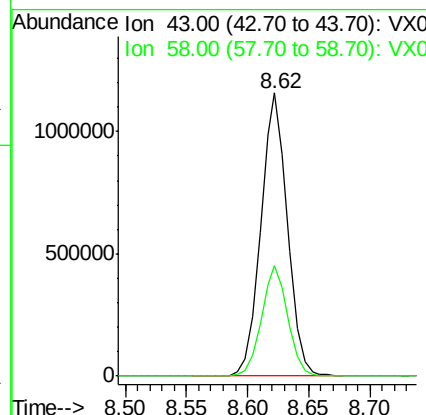
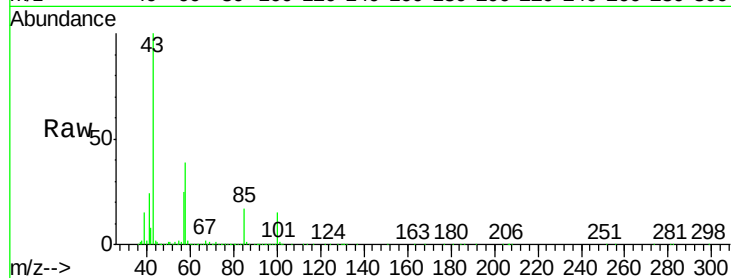
#51
4-Methyl-2-Pentanone
Concen: 242.345 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1743383
Ion Ratio Lower Upper
43 100
58 38.7 30.7 46.1

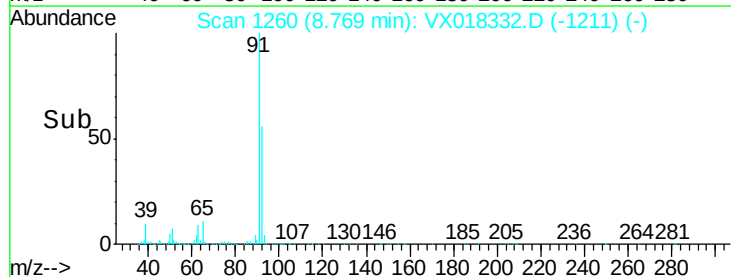
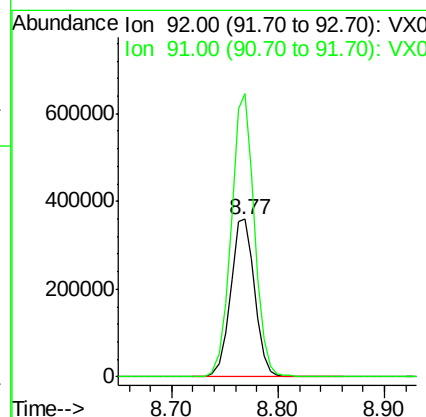
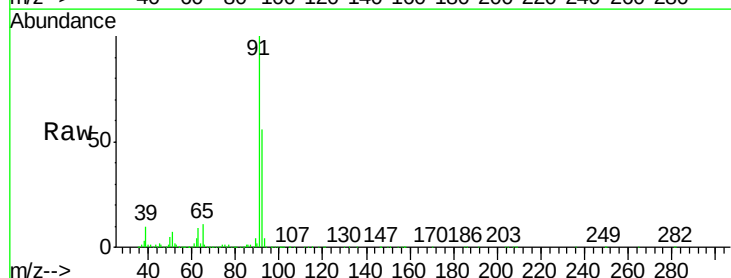
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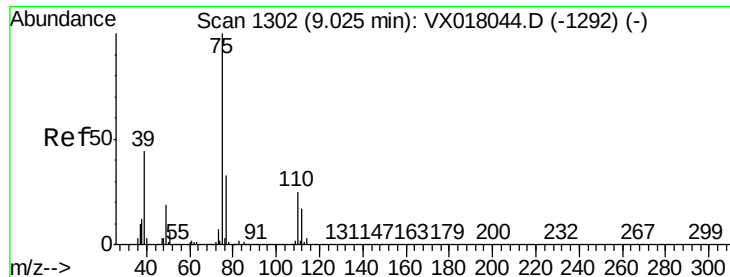
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#52
Toluene
Concen: 49.134 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion: 92 Resp: 568329
Ion Ratio Lower Upper
92 100
91 172.8 140.3 210.5





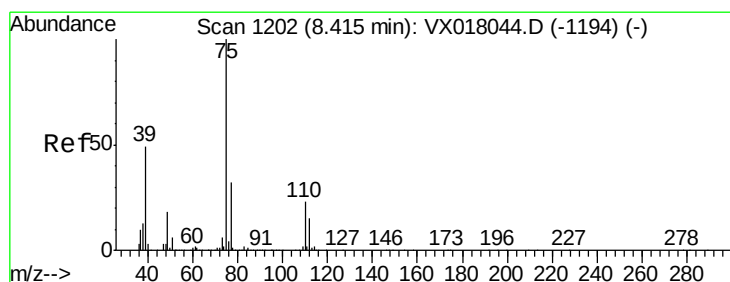
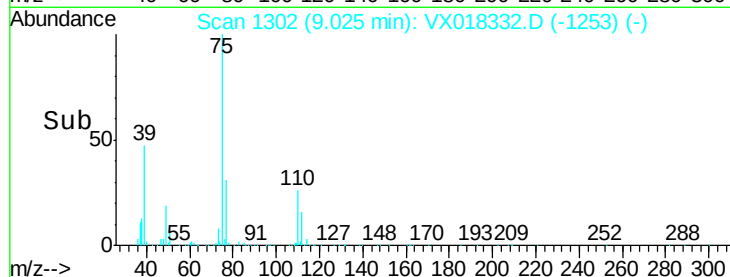
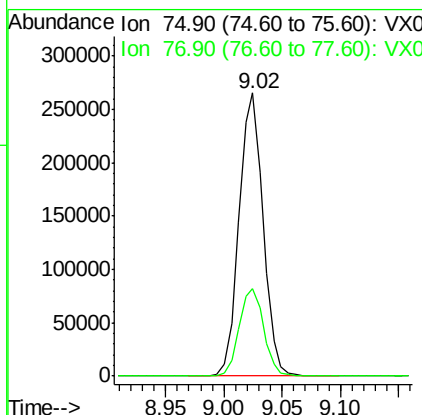
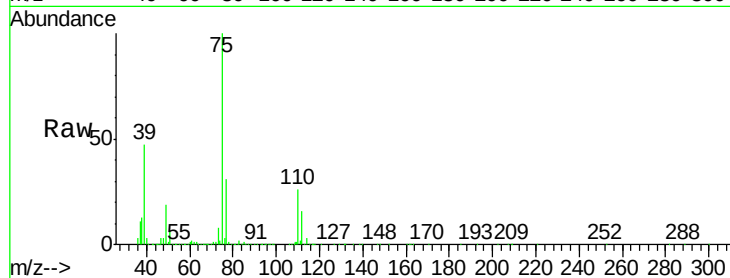
#53
t-1,3-Dichloropropene
Concen: 50.001 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.6	39.8

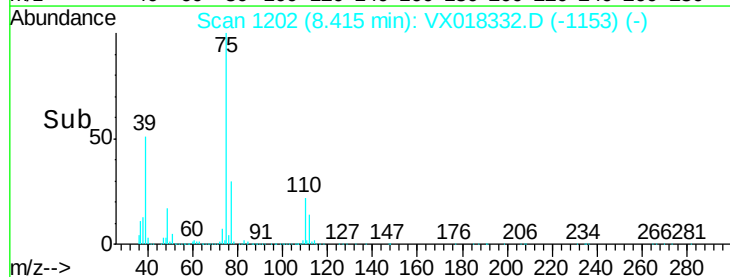
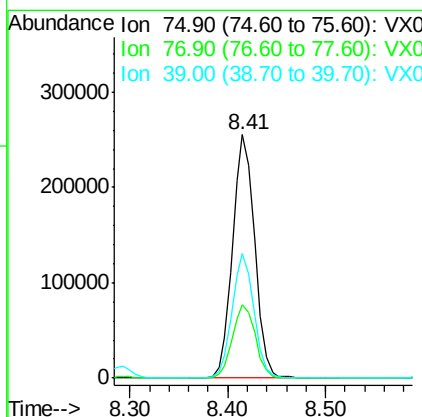
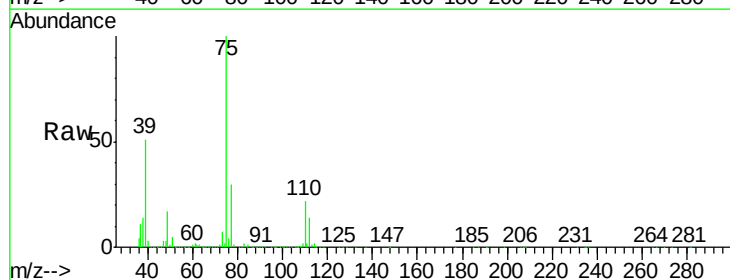
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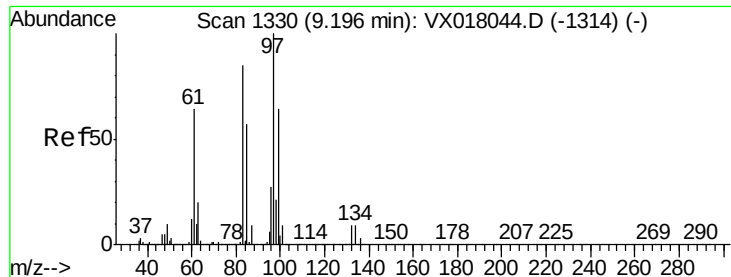
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#54
cis-1,3-Dichloropropene
Concen: 49.454 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.8
39	51.2	38.8	58.2





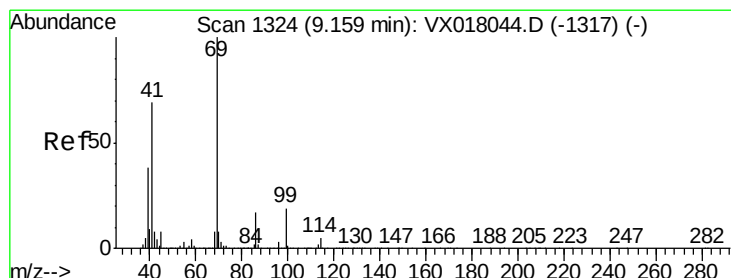
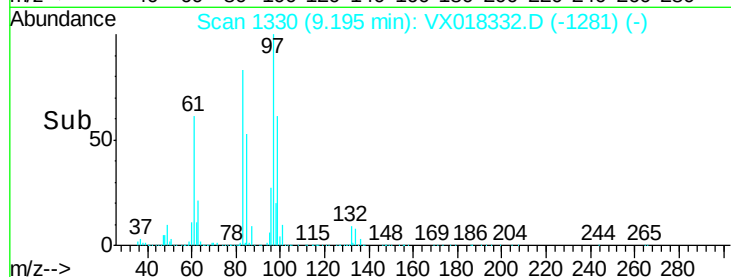
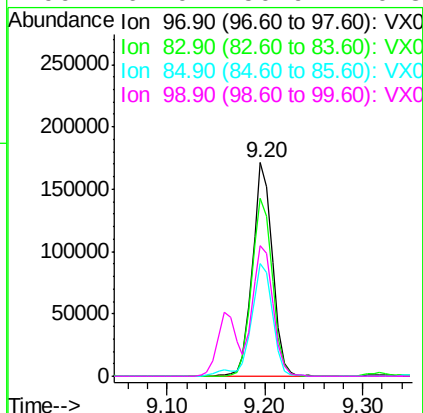
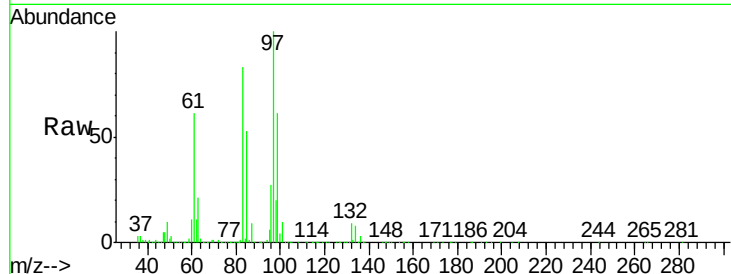
#55
 1,1,2-Trichloroethane
 Concen: 49.107 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		242255		
83	83.3	67.8	101.6		
85	52.7	45.3	67.9		
99	61.0	50.9	76.3		

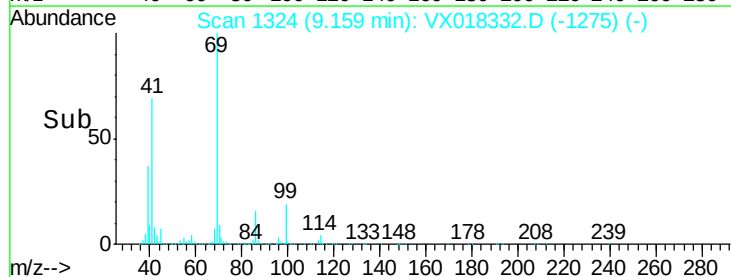
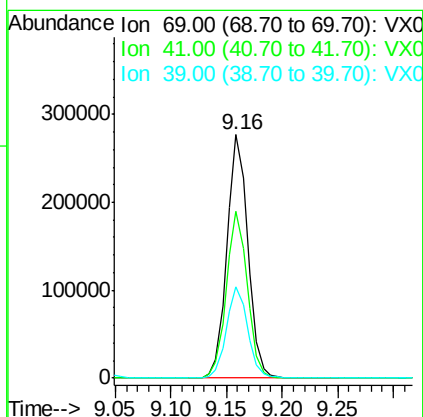
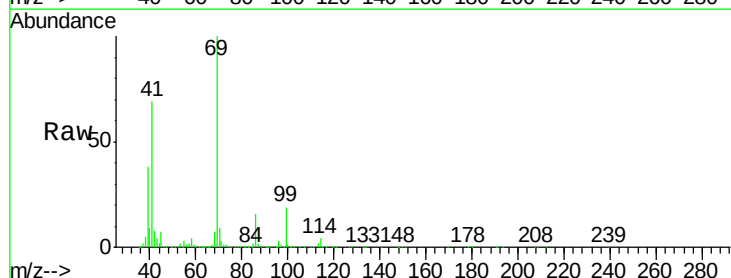
Manual Integrations
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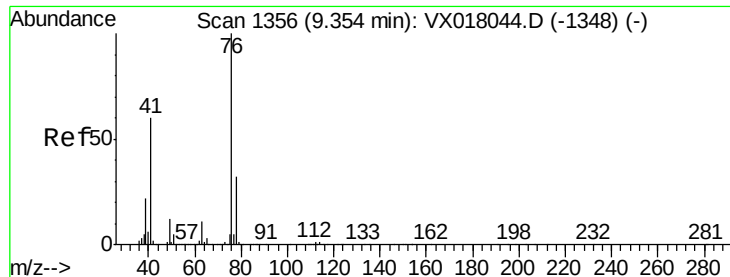
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#56
 Ethyl methacrylate
 Concen: 49.142 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		360394		
41	68.7	54.6	81.8		
39	38.0	29.1	43.7		





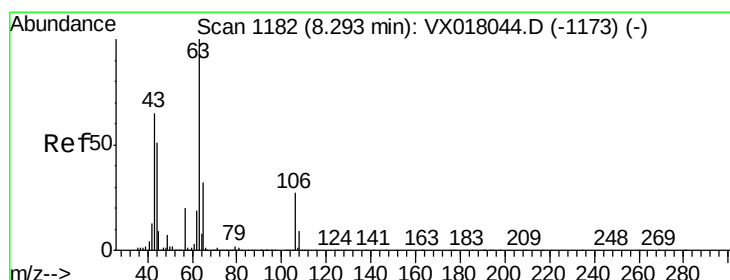
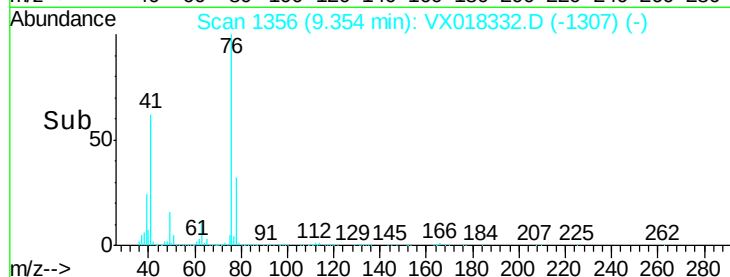
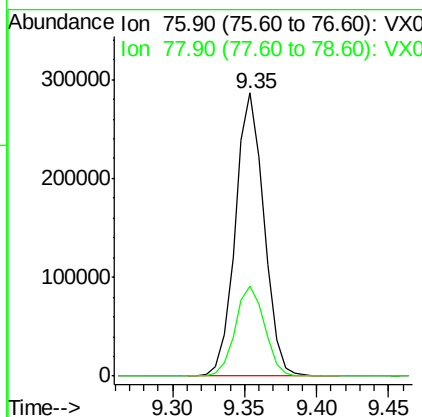
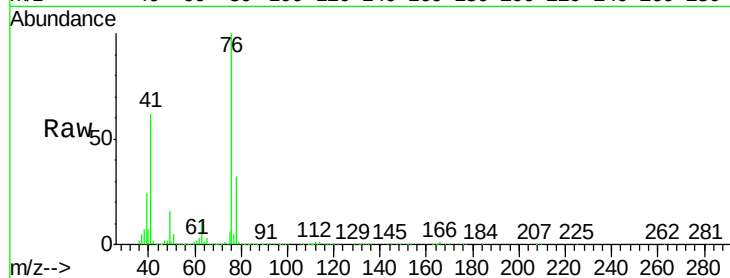
#57
 1,3-Dichloropropane
 Concen: 48.790 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

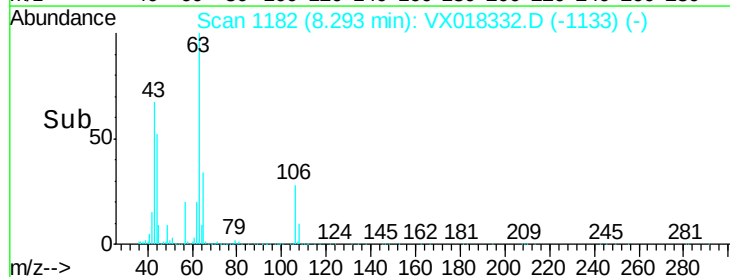
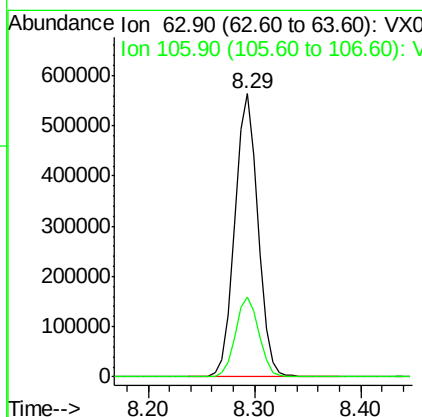
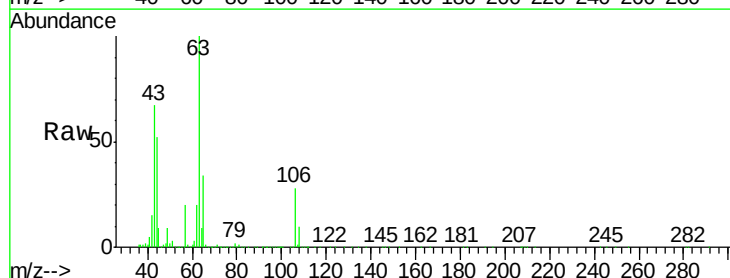
Manual Integrations
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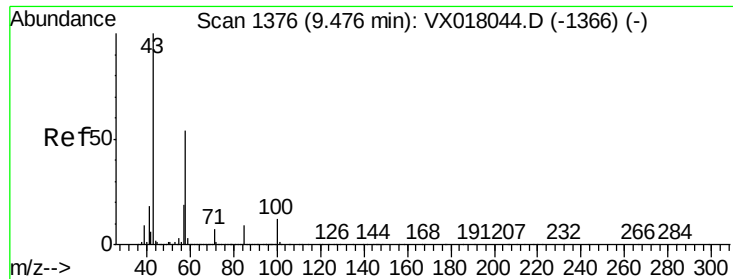
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#58
 2-Chloroethyl Vinyl ether
 Concen: 260.985 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.1	33.1





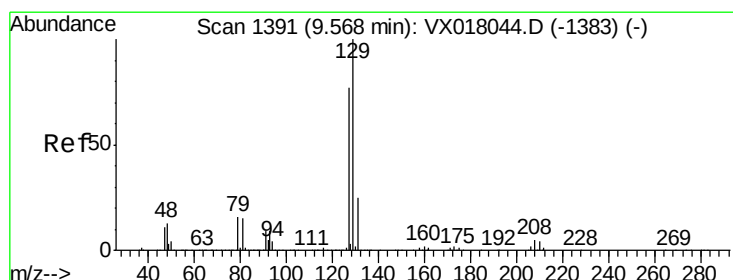
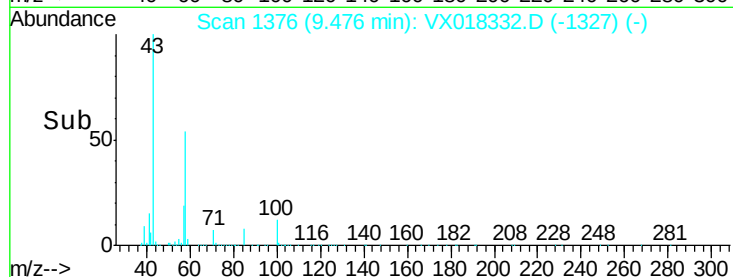
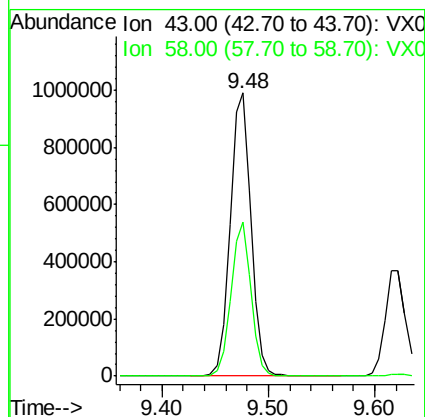
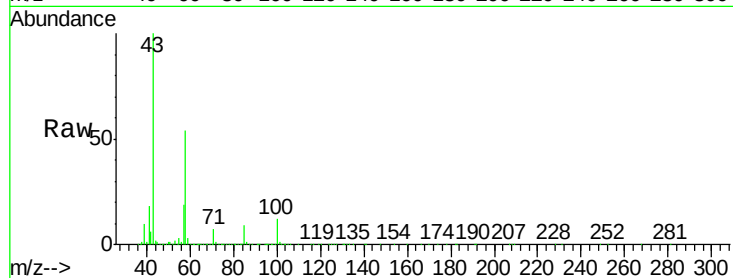
#59
2-Hexanone
Concen: 247.341 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1352970
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7

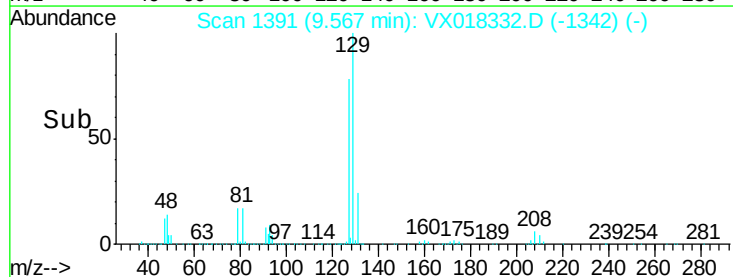
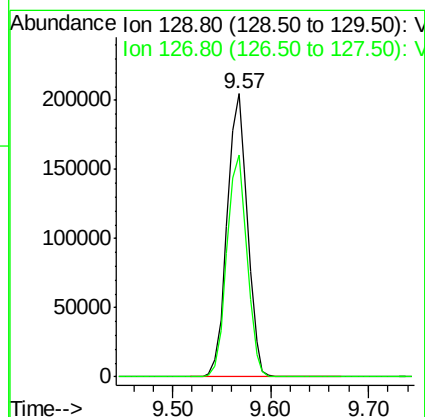
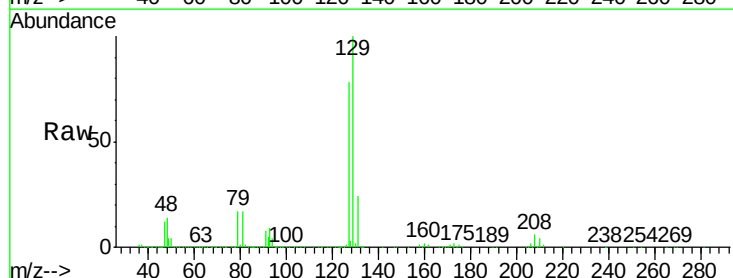
Manual Integrations
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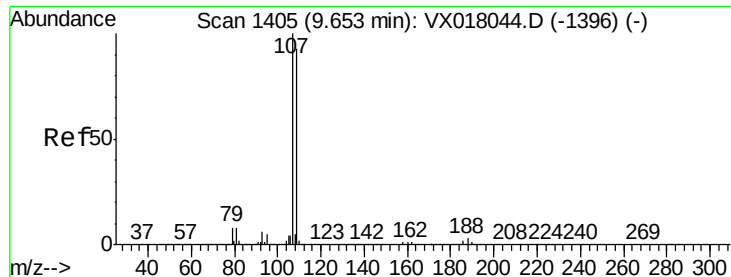
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#60
Dibromochloromethane
Concen: 51.072 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion: 129 Resp: 295563
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.846 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 266965

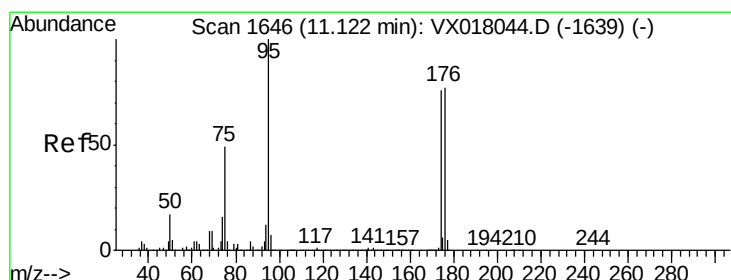
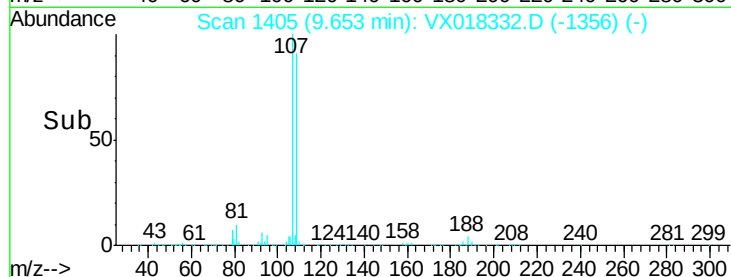
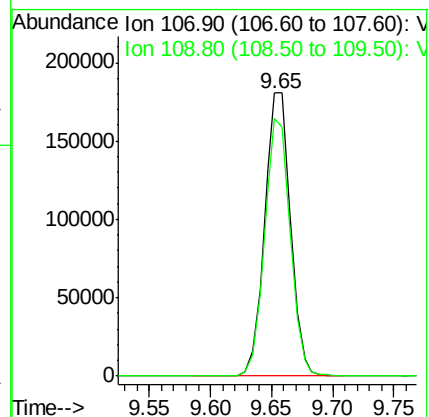
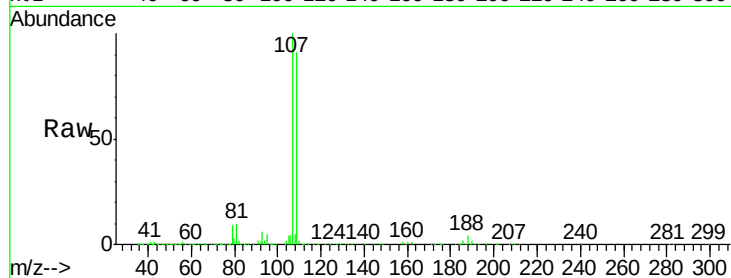
Ion Ratio Lower Upper

107 100

109 90.1 75.9 113.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.350 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

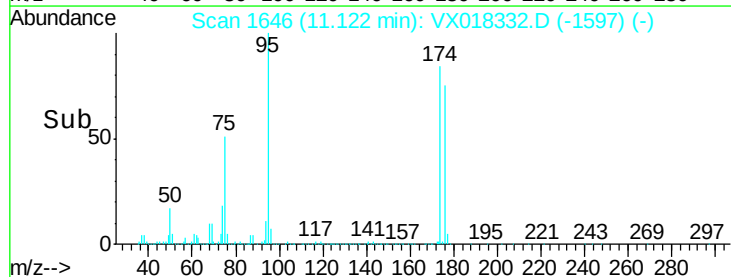
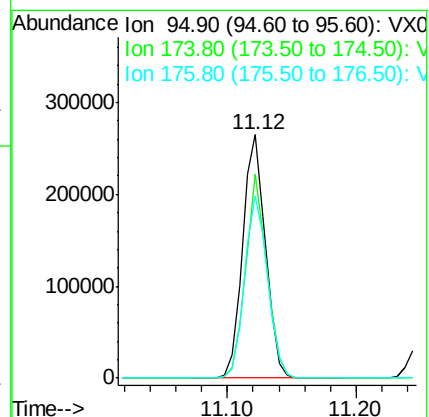
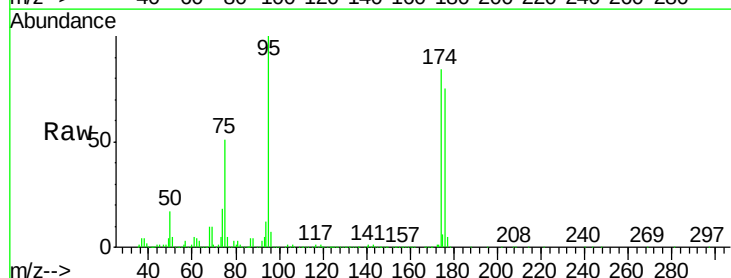
Tgt Ion: 95 Resp: 324782

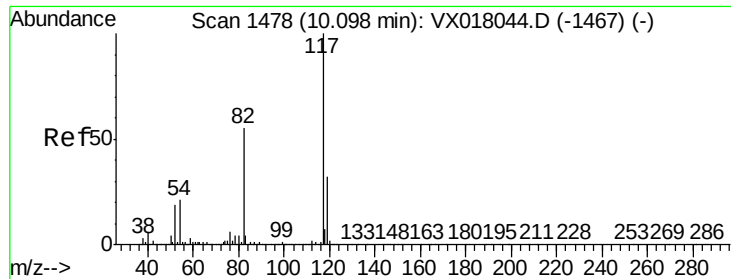
Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.2

176 74.9 0.0 155.8





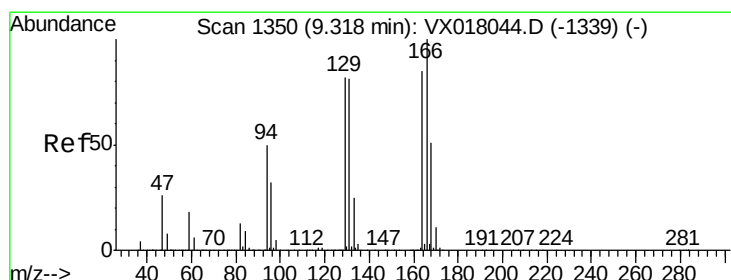
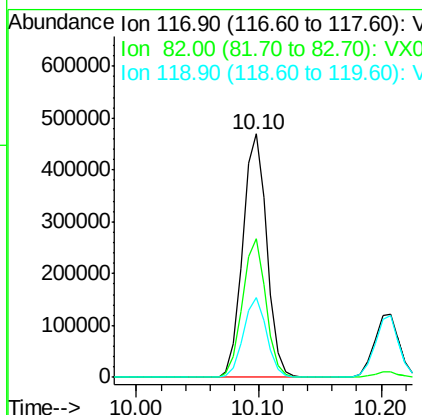
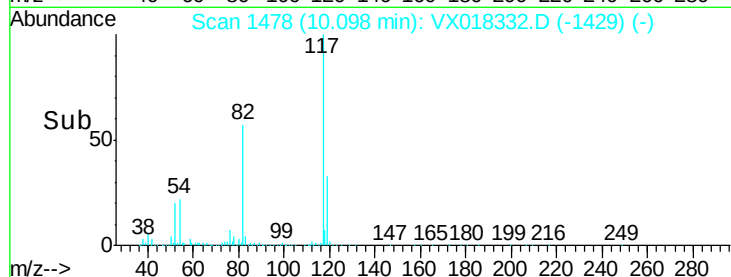
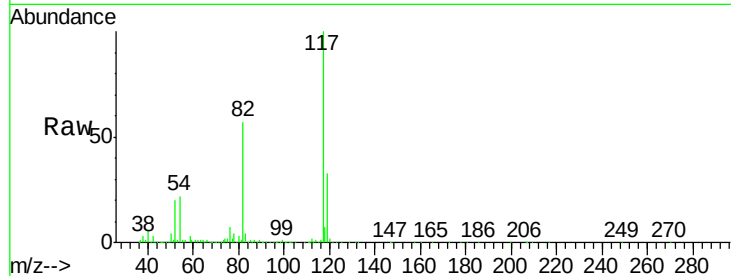
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.2	66.2
119	32.9	25.7	38.5

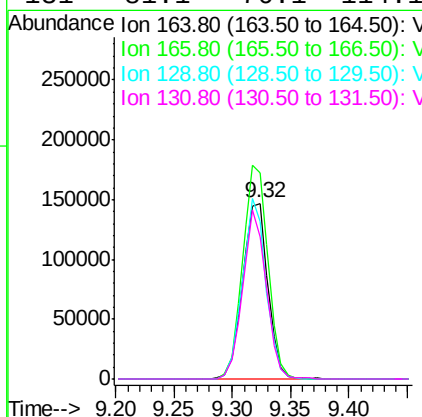
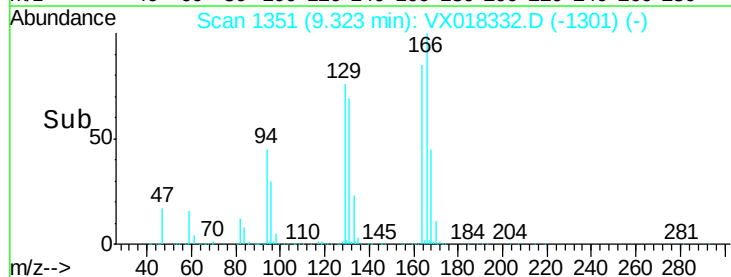
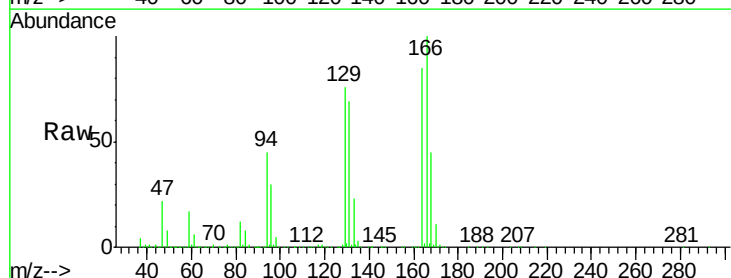
Manual Integrations
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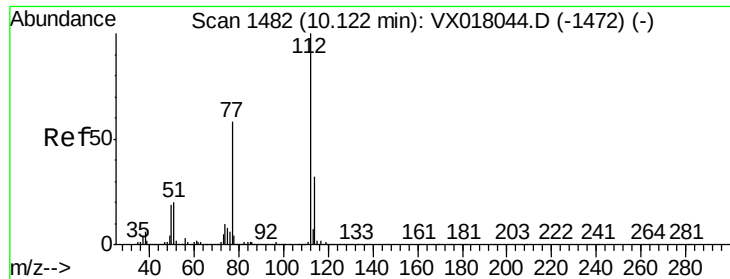
MMDadoda
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#64
Tetrachloroethene
Concen: 47.653 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.5	94.2	141.2
129	89.7	76.9	115.3
131	81.1	76.1	114.1





#65

Chlorobenzene

Concen: 49.535 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 630243

Ion Ratio Lower Upper

112 100

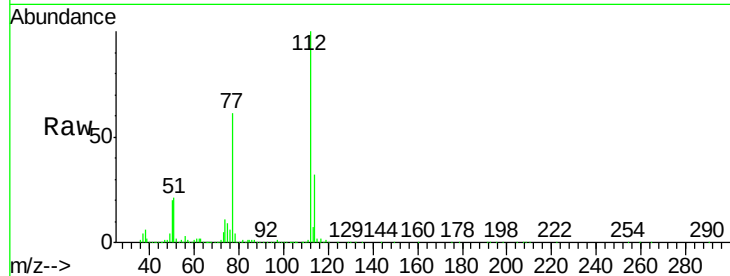
114 32.3 25.7 38.5

Manual Integrations

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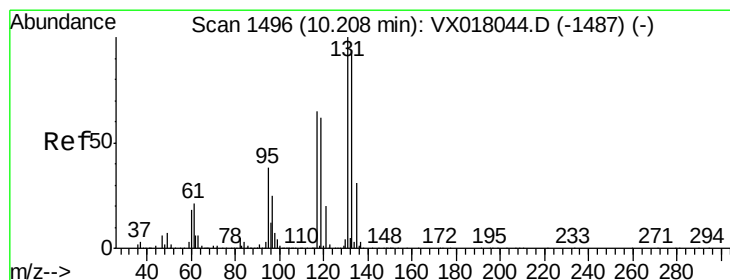
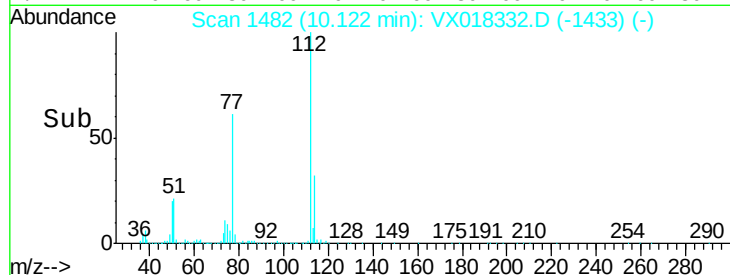
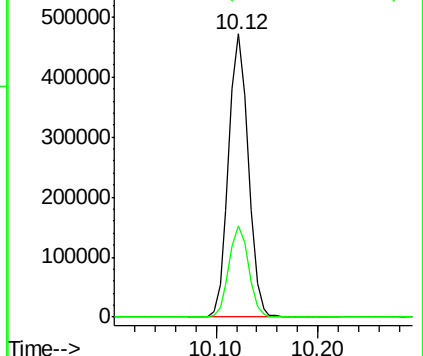
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.656 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

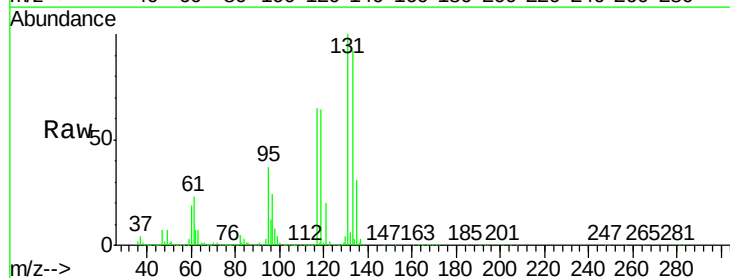
Tgt Ion:131 Resp: 259037

Ion Ratio Lower Upper

131 100

133 94.2 46.7 140.1

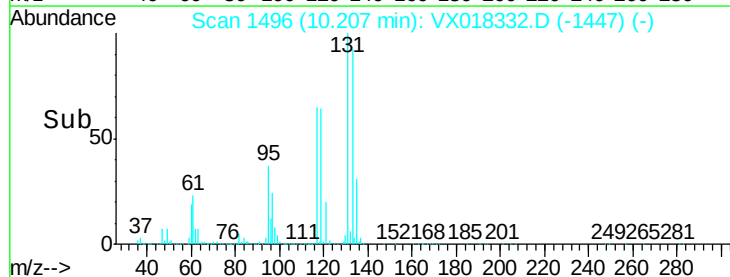
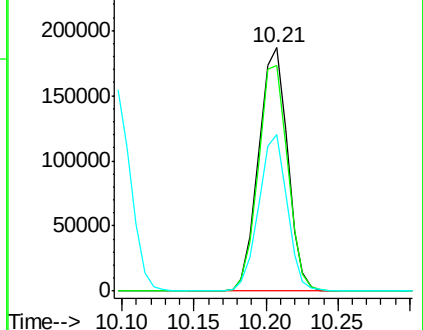
119 62.6 31.8 95.4

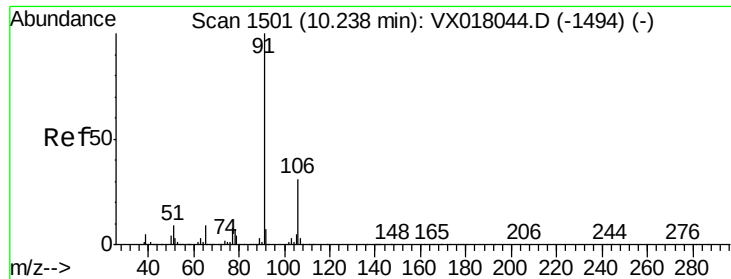


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





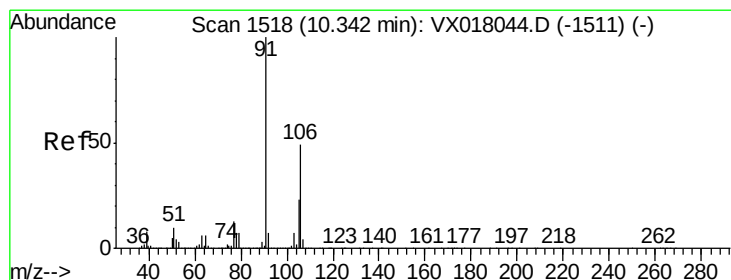
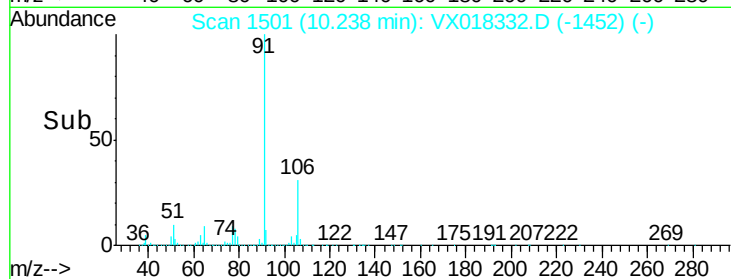
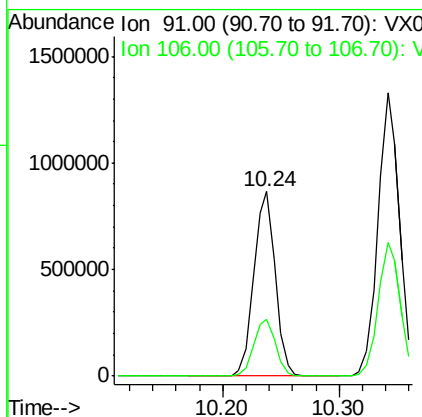
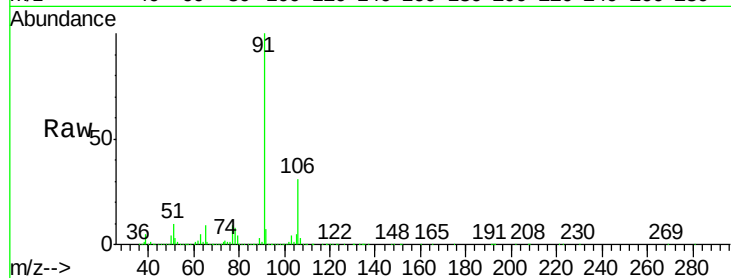
#67
Ethyl Benzene
Concen: 51.100 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1105659
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

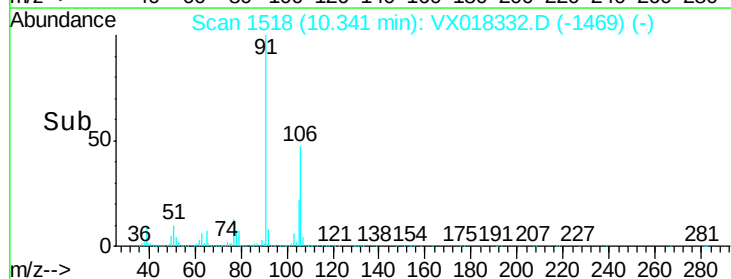
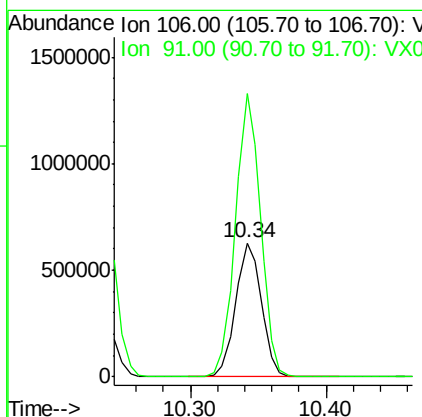
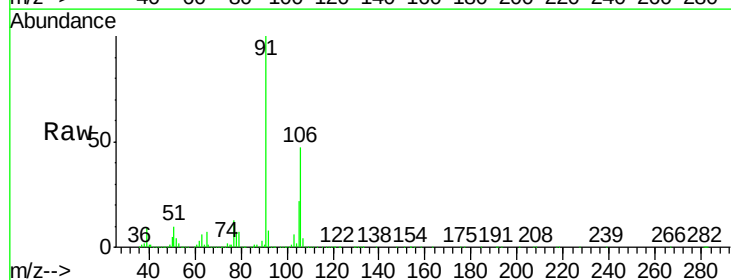
Manual Integrations
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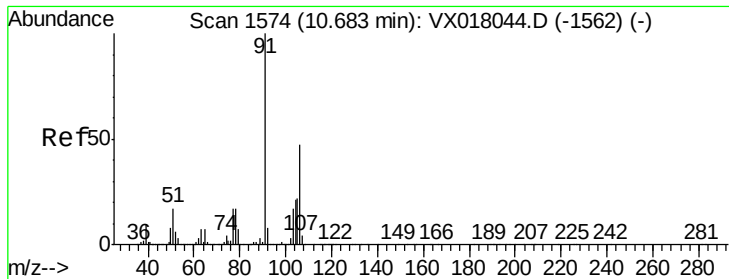
MMDadoda
9/10/2020 4:03:24 PM



#68
m/p-Xylenes
Concen: 102.183 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion: 106 Resp: 825222
Ion Ratio Lower Upper
106 100
91 206.7 162.2 243.2





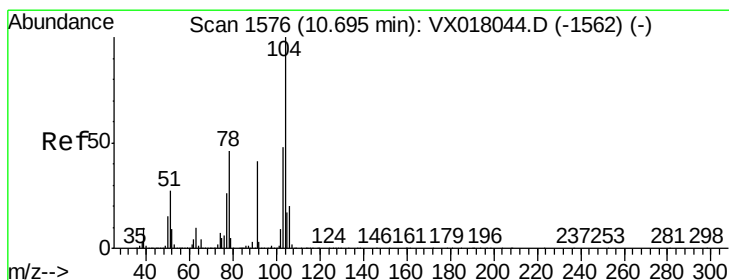
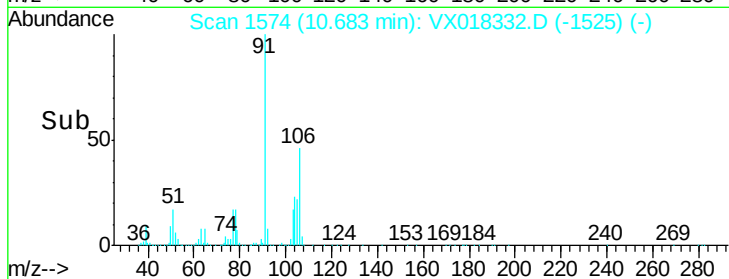
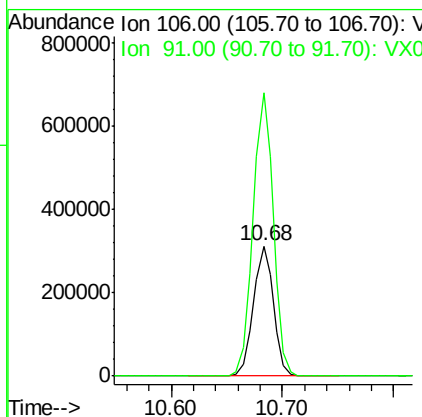
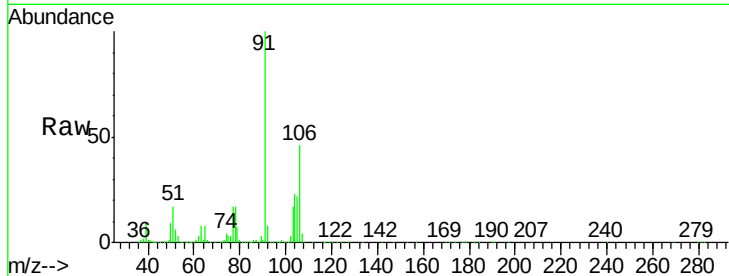
#69
o-Xylene
Concen: 50.062 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.8	107.1	321.3

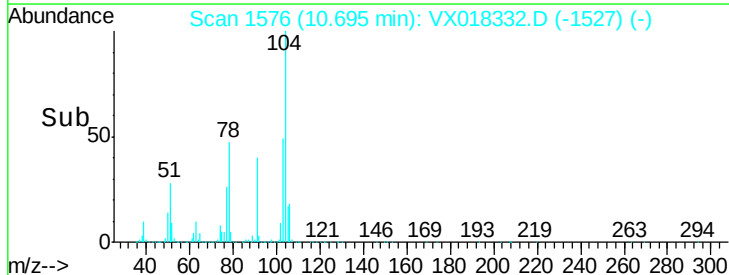
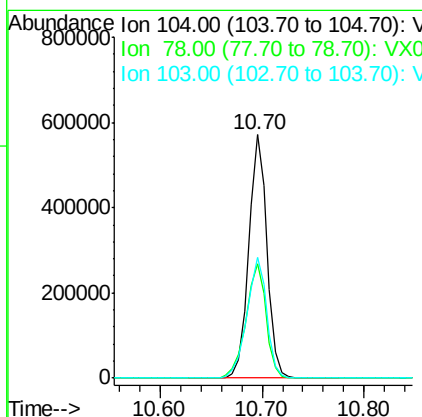
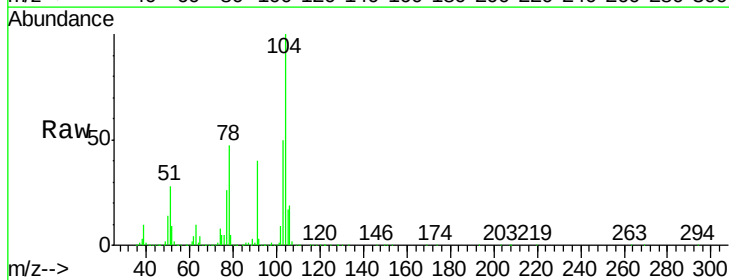
Manual Integrations
APPROVED

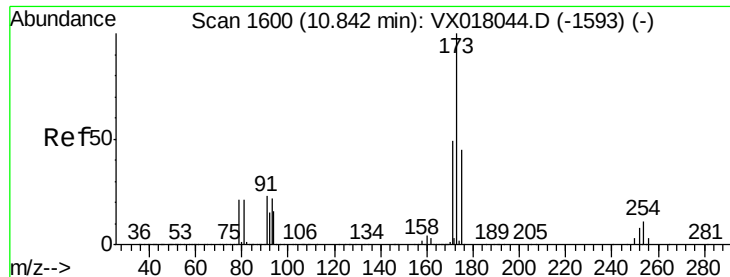
MMDadoda
9/10/2020 4:03:24 PM



#70
Styrene
Concen: 53.139 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	40.9	61.3
103	54.3	43.6	65.4





#71

Bromoform

Concen: 53.761 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

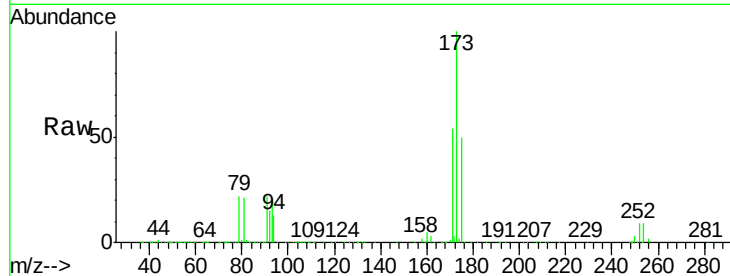
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.9	71.8
254	0.1	0.2	0.2

Manual Integrations
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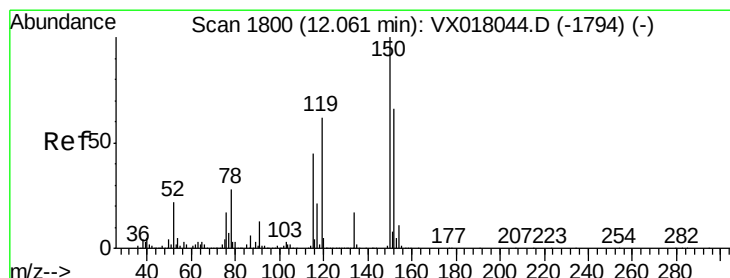
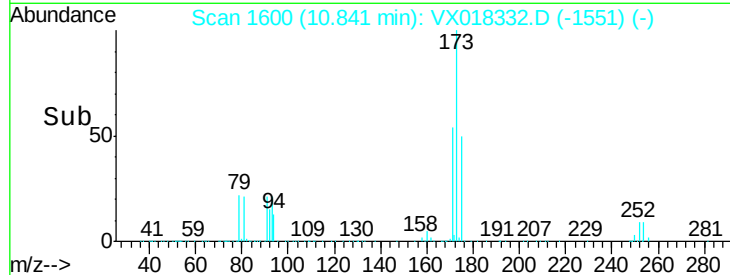
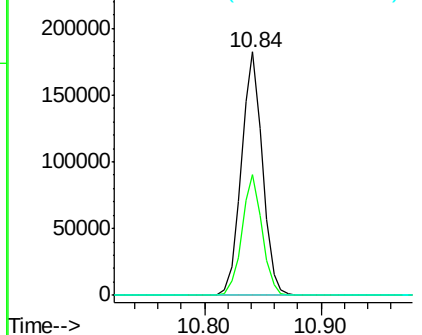


Abundance

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

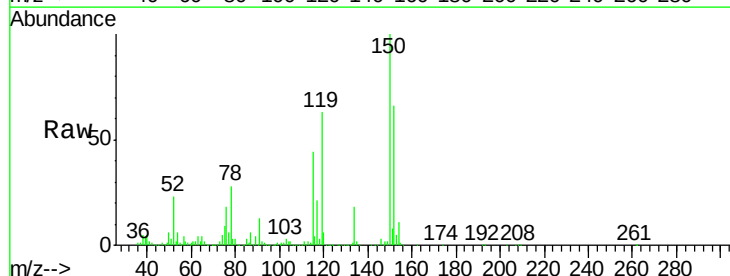
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.6	41.5	124.5
150	173.7	0.0	343.8

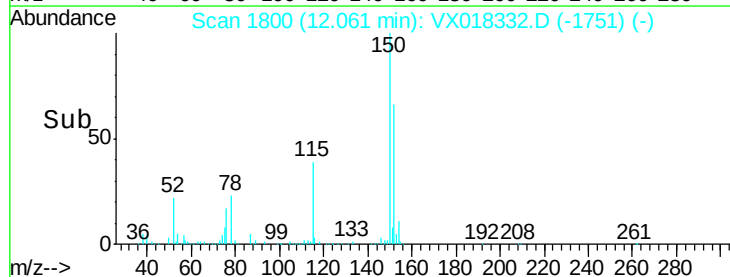
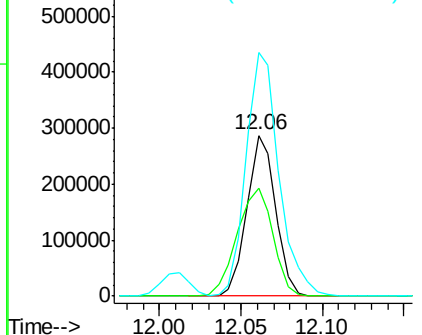


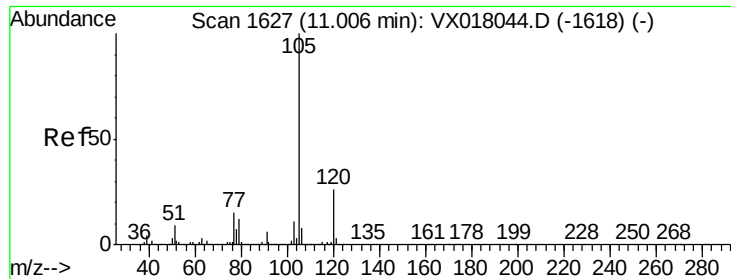
Abundance

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: 47.724 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1112400

Ion Ratio Lower Upper

105 100

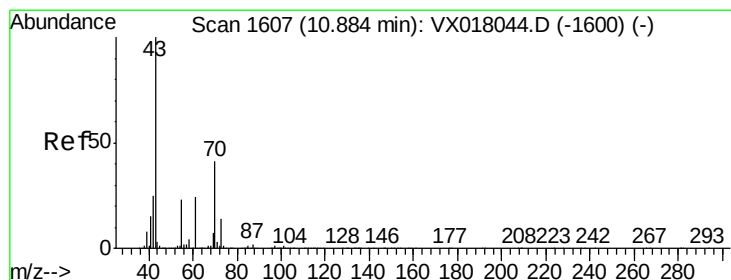
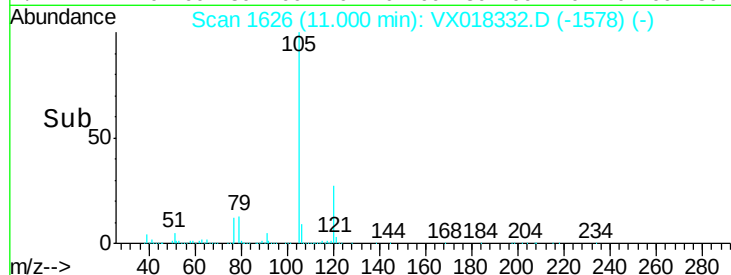
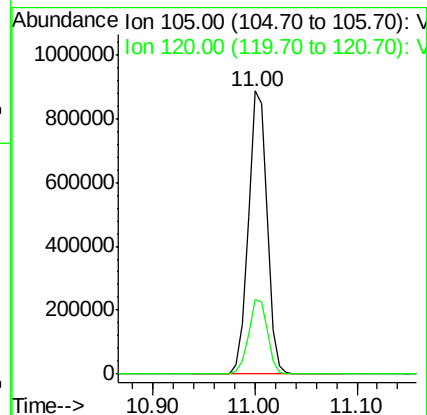
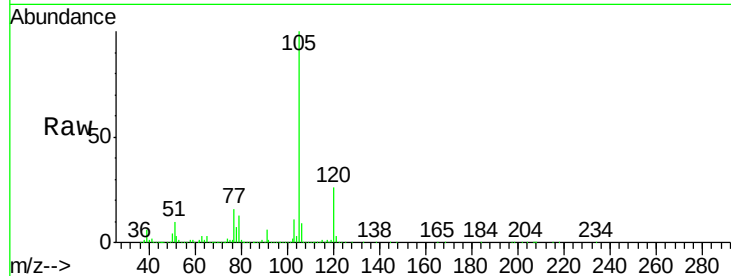
120 26.5 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 45.041 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tgt Ion: 43 Resp: 498123

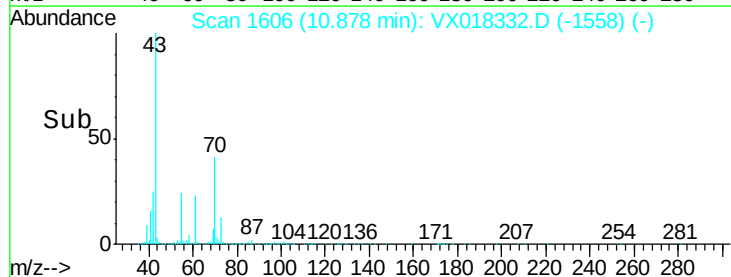
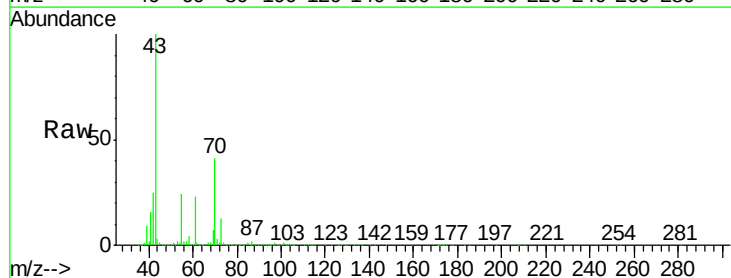
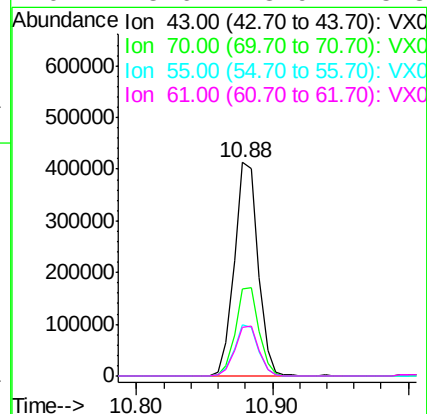
Ion Ratio Lower Upper

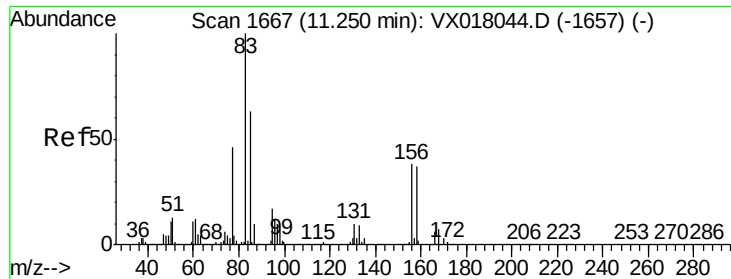
43 100

70 41.0 32.3 48.5

55 24.3 18.2 27.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.917 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

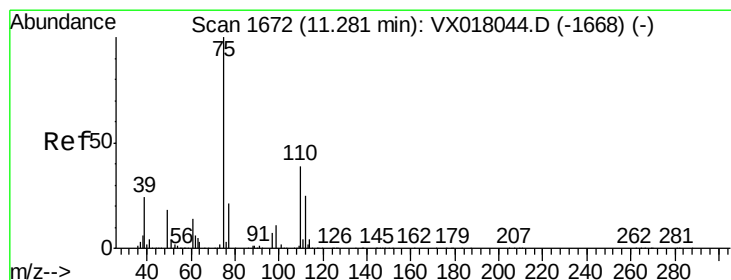
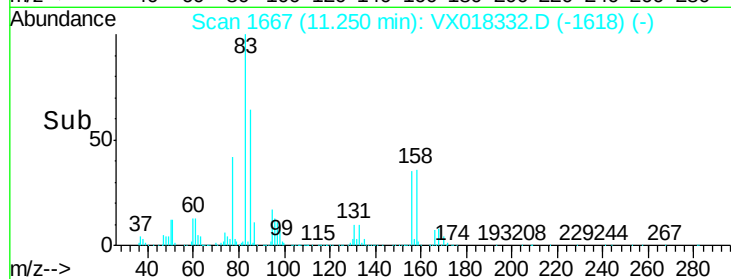
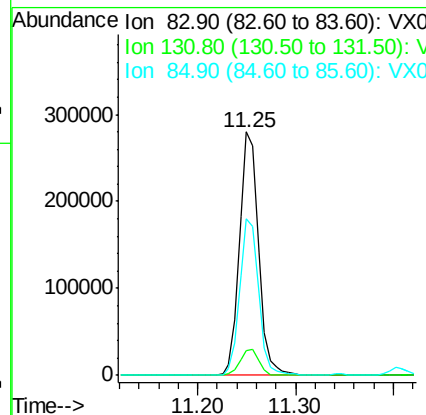
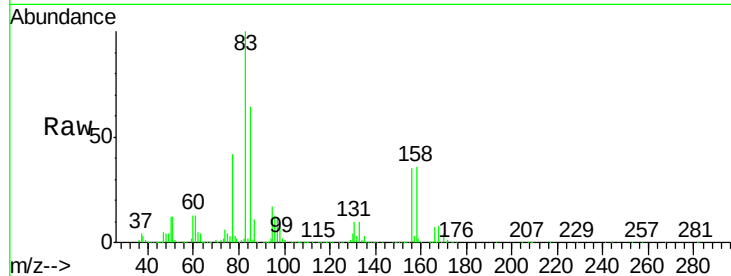
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	377551
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	64.3	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.641 ug/l m

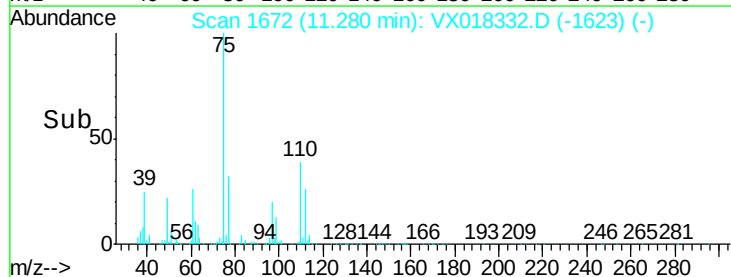
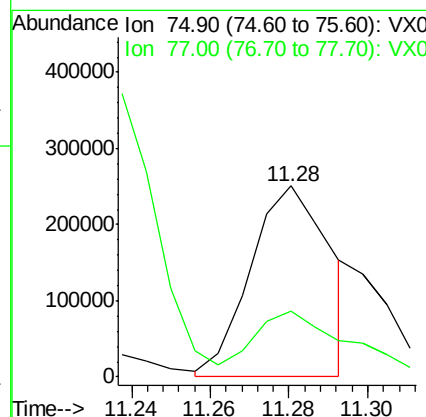
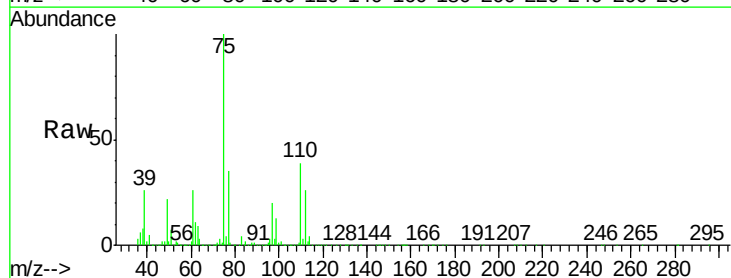
RT: 11.28 min Scan# 1672

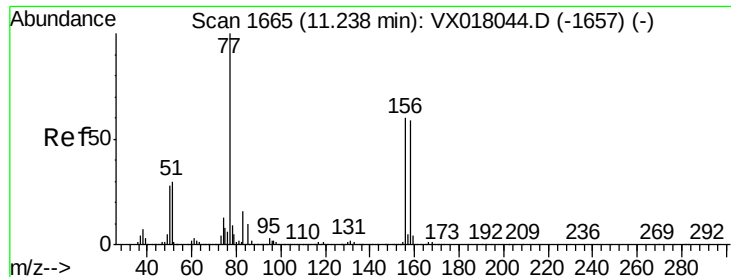
Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tgt Ion:	75	Resp:	350919
Ion Ratio	Lower	Upper	
75	100		
77	41.2	20.8	62.2





#77

Bromobenzene

Concen: 45.799 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Instrument :

MSVOA_X

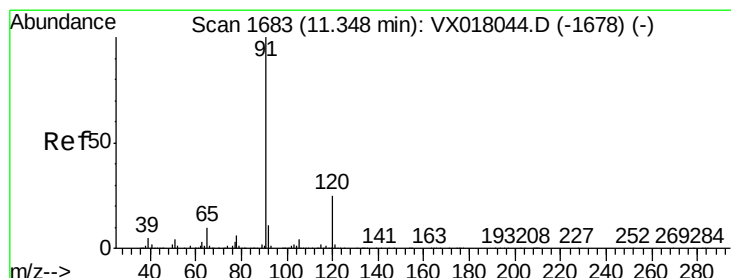
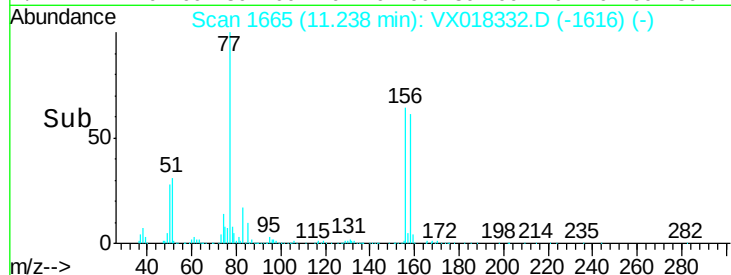
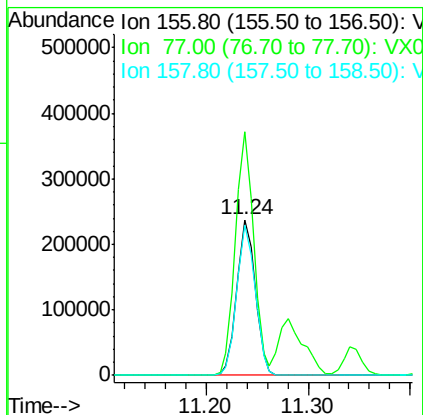
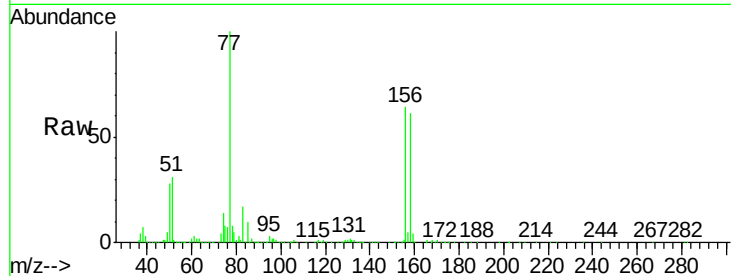
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	295083
Ion Ratio	Lower	Upper	
156	100		
77	155.8	80.0	240.2
158	96.6	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 47.741 ug/l

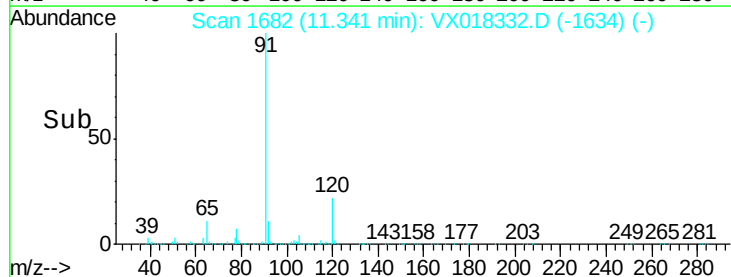
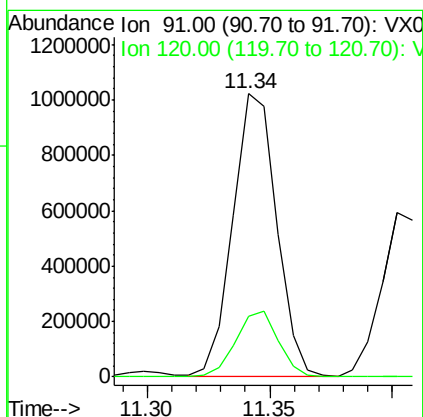
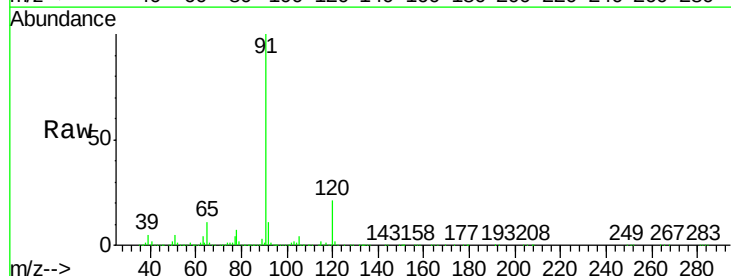
RT: 11.34 min Scan# 1682

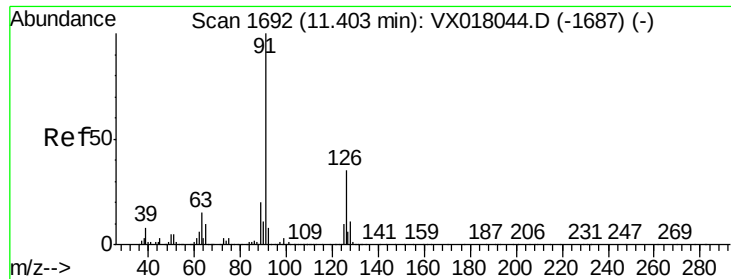
Delta R.T. -0.01 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tgt Ion:	91	Resp:	1263508
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.9	35.9





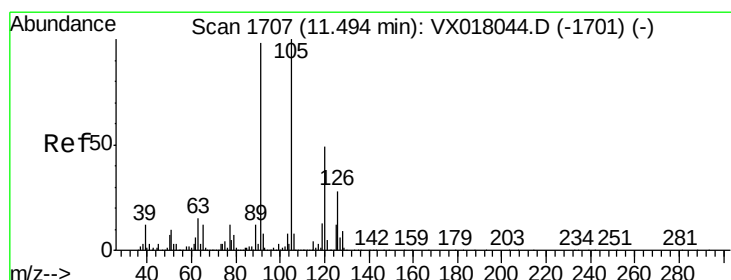
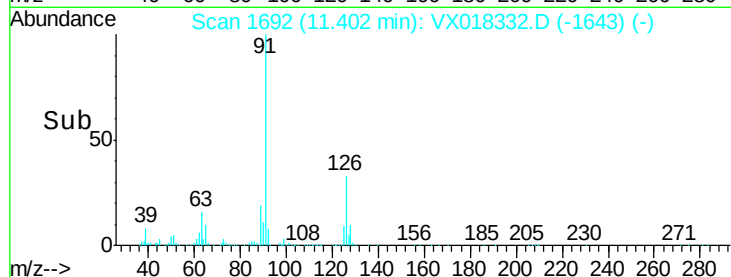
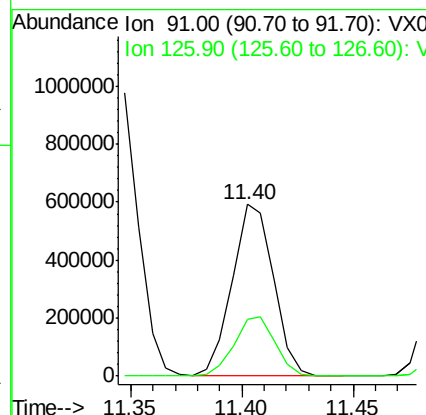
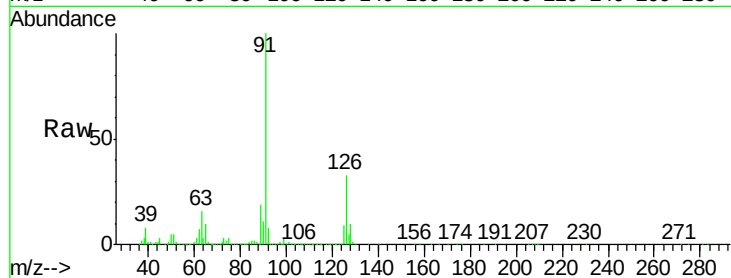
#79
 2-Chlorotoluene
 Concen: 46.557 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 761276
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.4 52.2

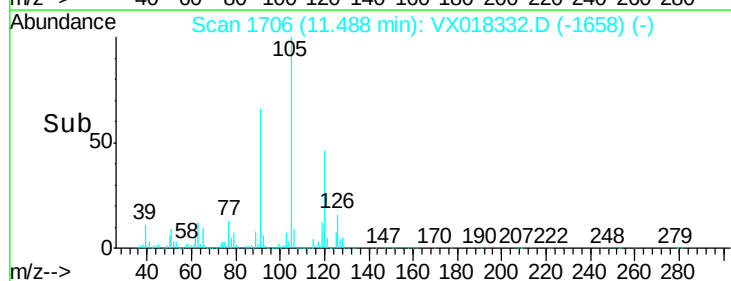
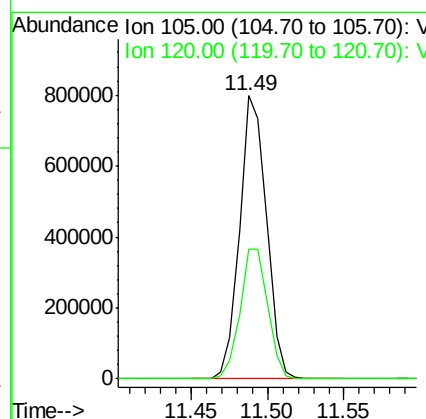
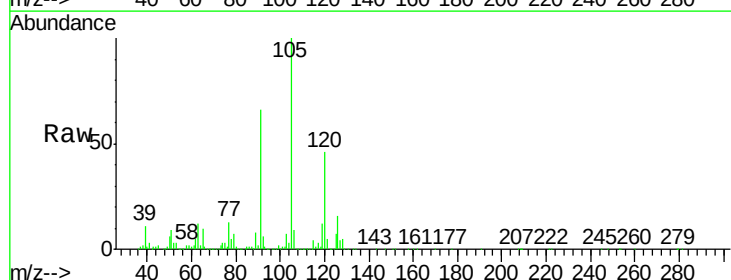
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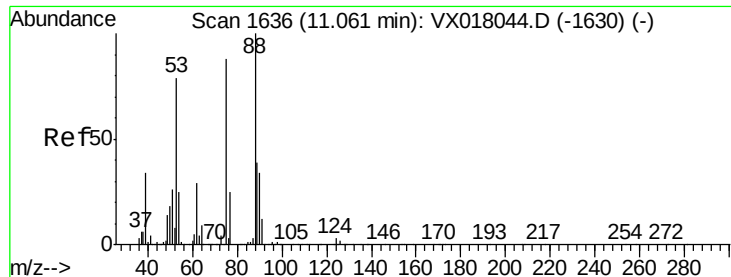
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.610 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Tgt Ion: 105 Resp: 969391
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.2





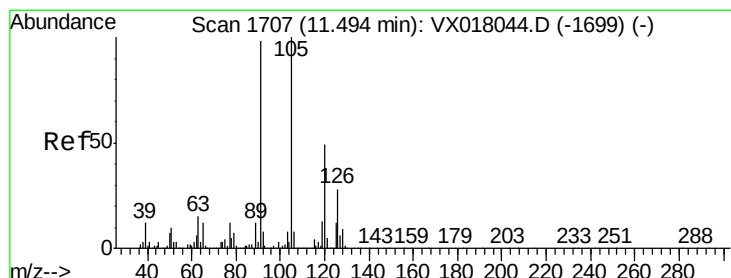
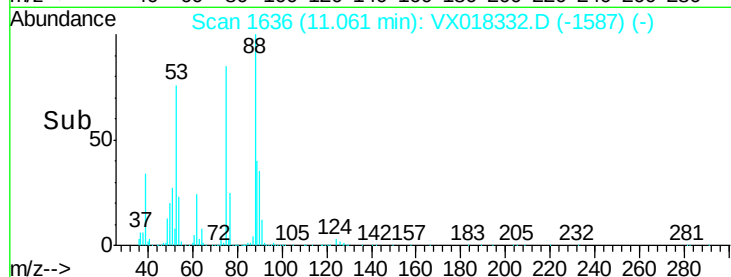
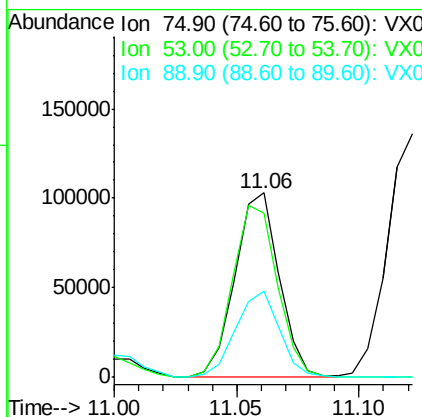
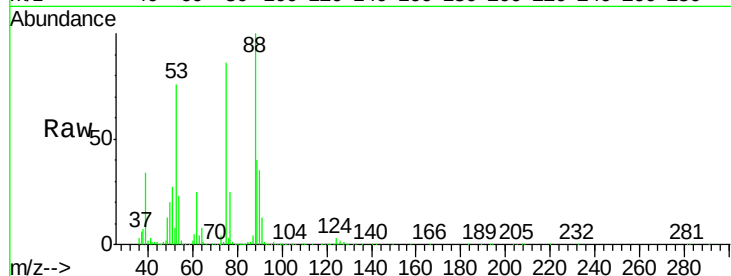
#81
trans-1,4-Dichloro-2-butene
Concen: 44.694 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.9	74.7	112.1
89	46.5	36.6	54.8

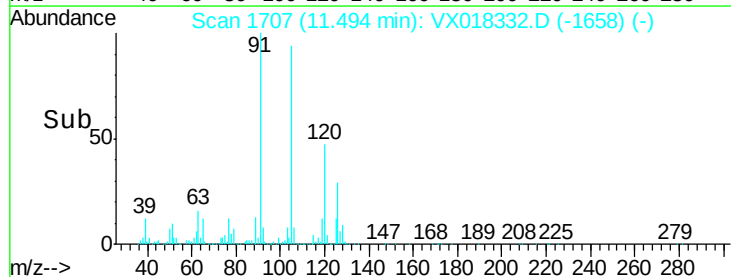
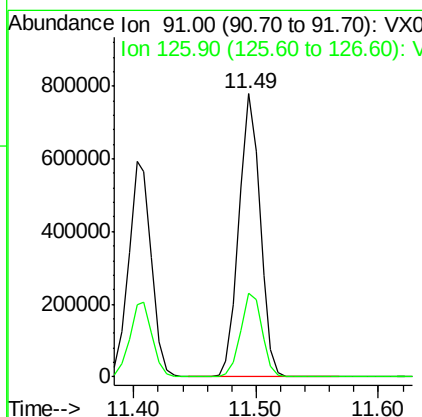
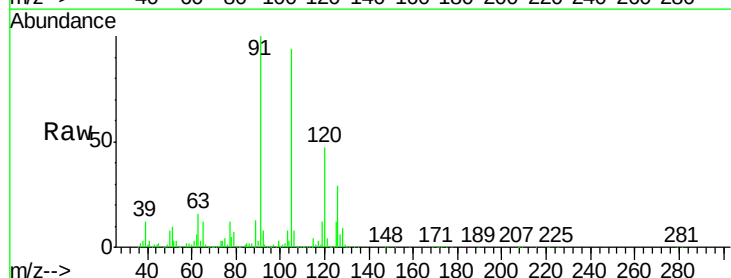
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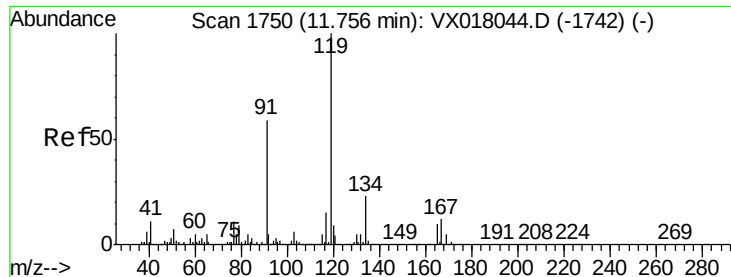
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#82
4-Chlorotoluene
Concen: 47.894 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.1	45.3





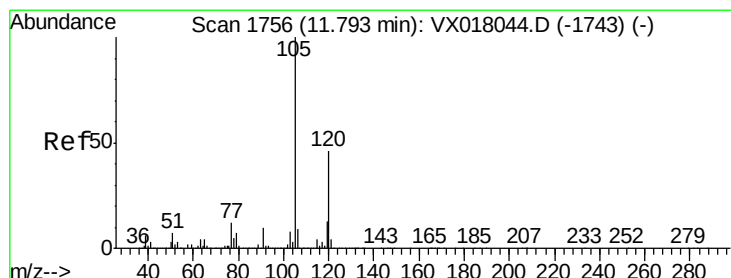
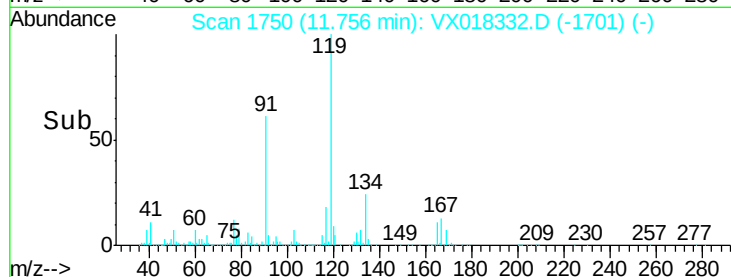
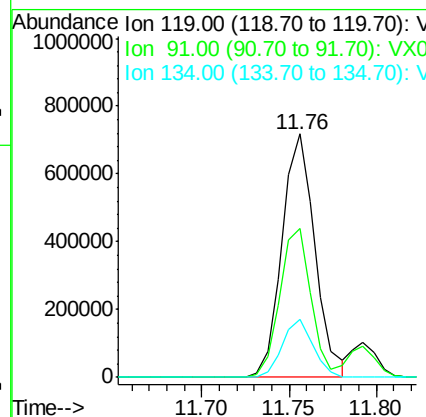
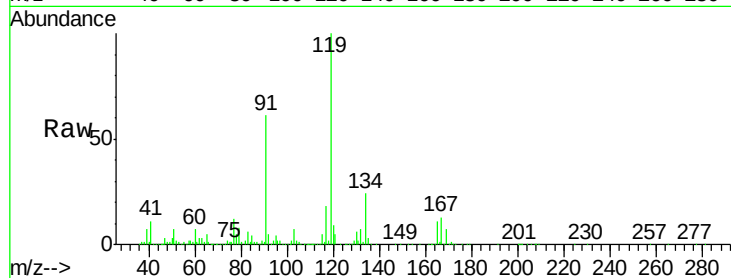
#83
 tert-Butylbenzene
 Concen: 49.813 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	941587		
91	57.9	28.2	84.7	
134	22.5	11.3	33.8	

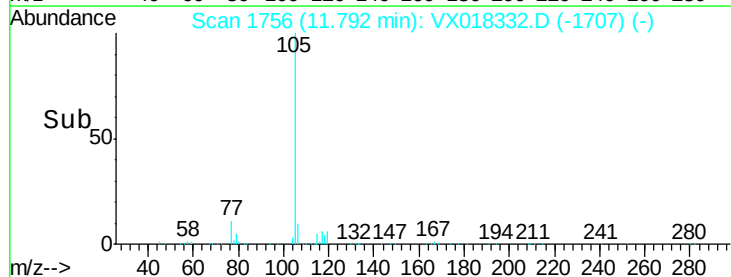
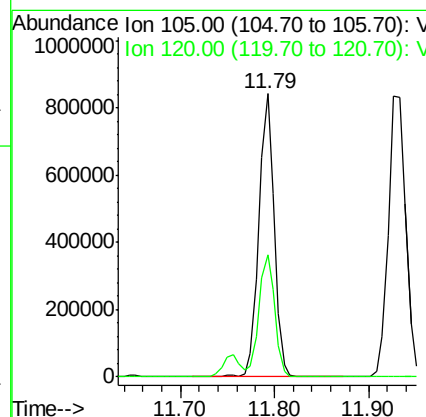
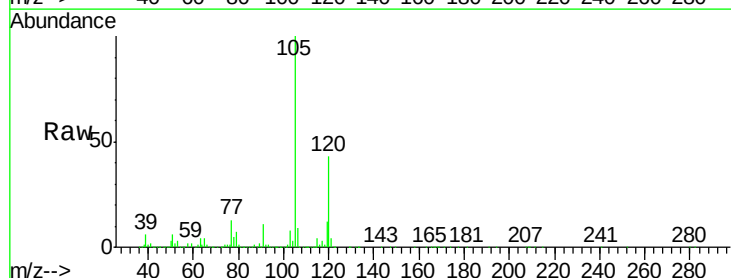
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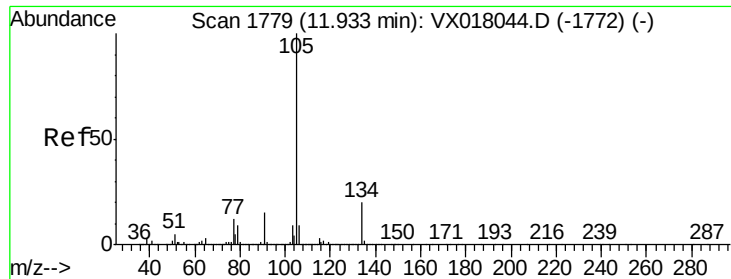
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.876 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	976720		
120	44.4	22.3	66.9	





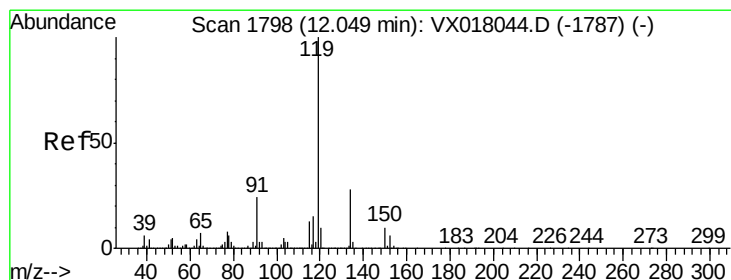
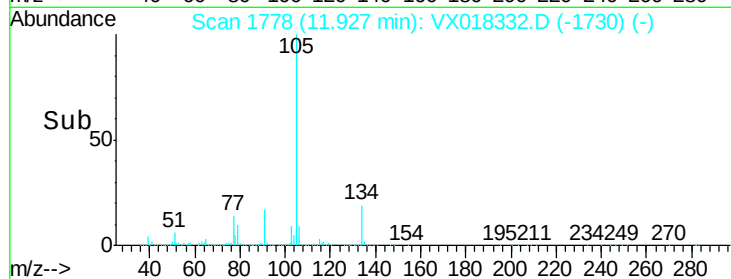
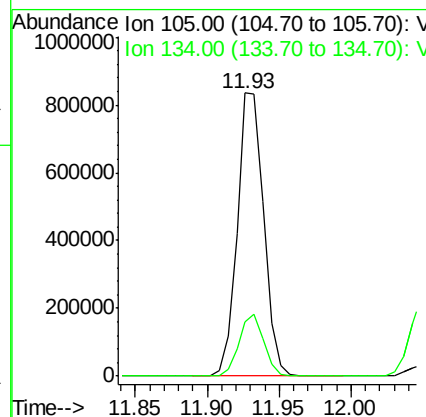
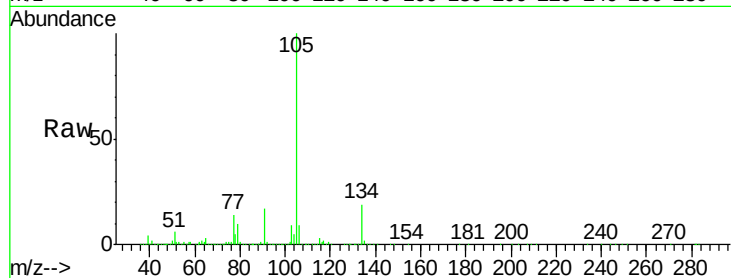
#85
 sec-Butylbenzene
 Concen: 49.940 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.1	30.3

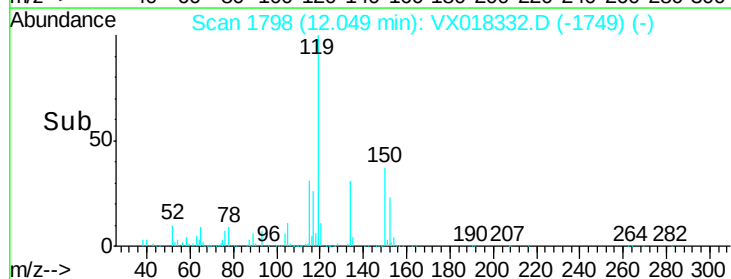
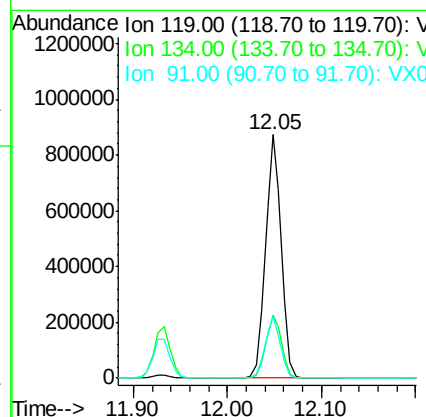
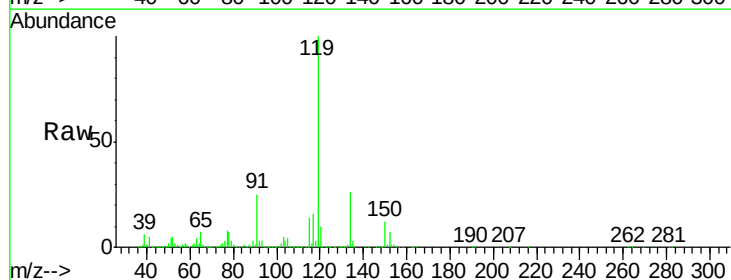
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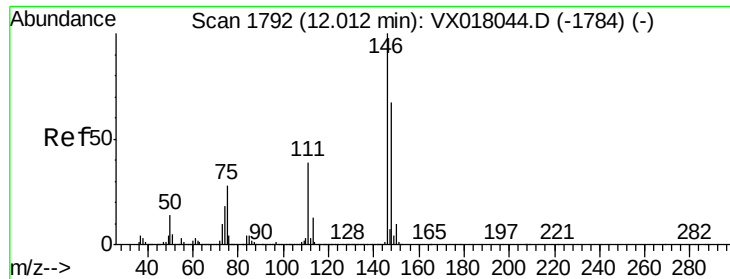
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#86
 p-Isopropyltoluene
 Concen: 52.002 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.2	39.5
91	24.7	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 47.064 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

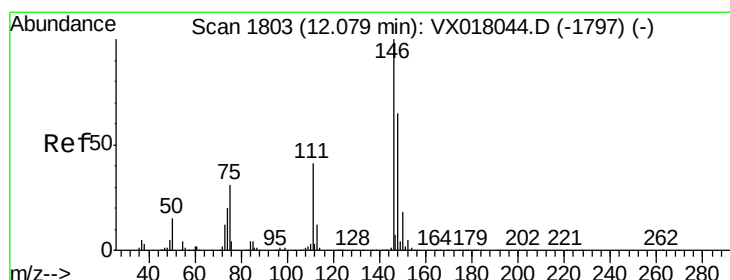
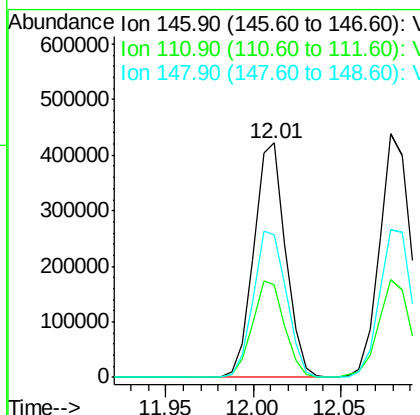
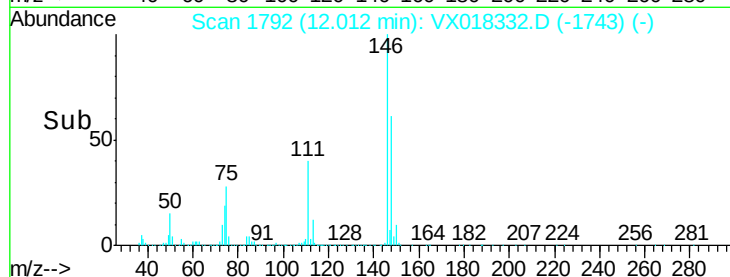
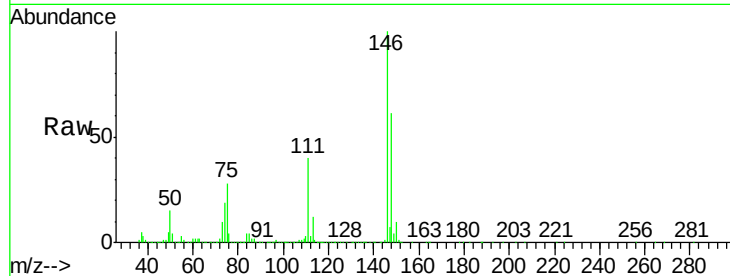
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	532393		
111	41.4	20.6	61.8	
148	64.9	33.1	99.2	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.731 ug/l

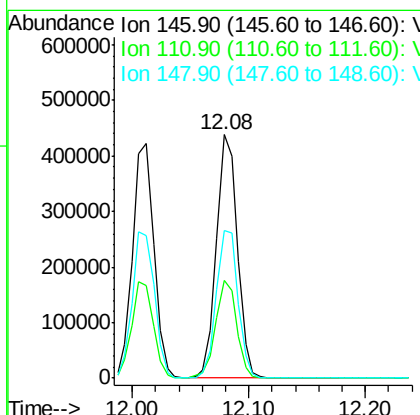
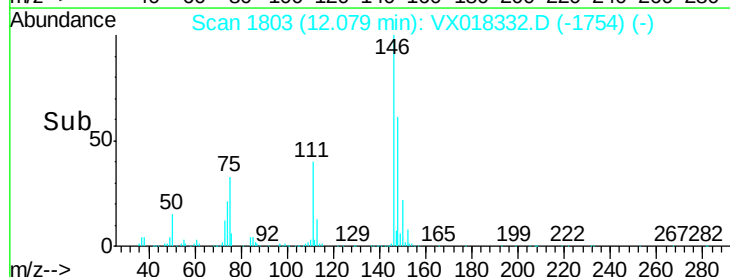
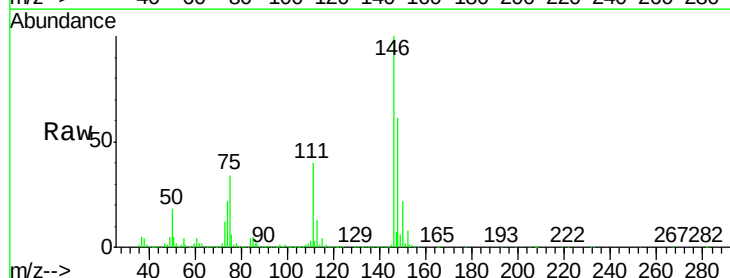
RT: 12.08 min Scan# 1803

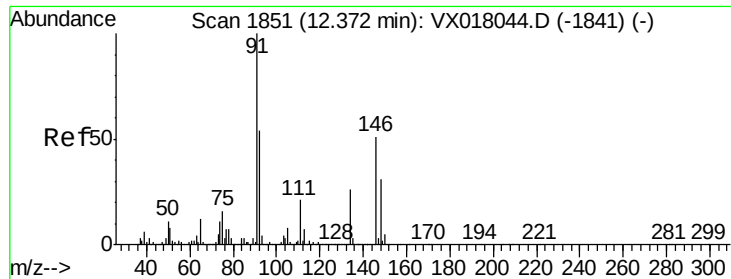
Delta R.T. -0.00 min

Lab File: VX018332.D

Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	540623		
111	40.4	20.3	60.8	
148	63.1	33.1	99.2	





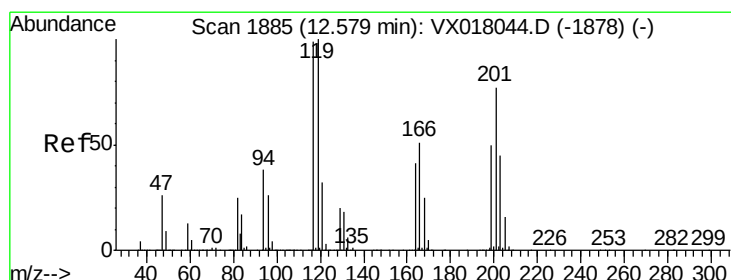
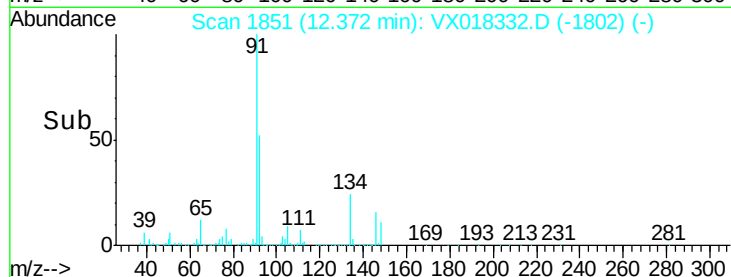
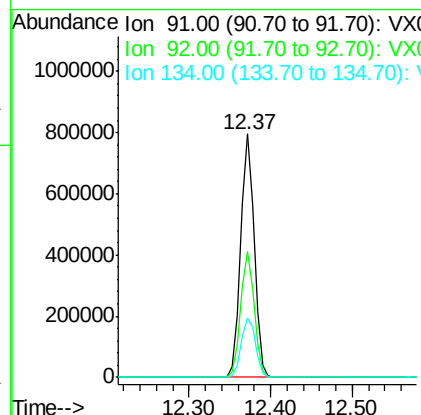
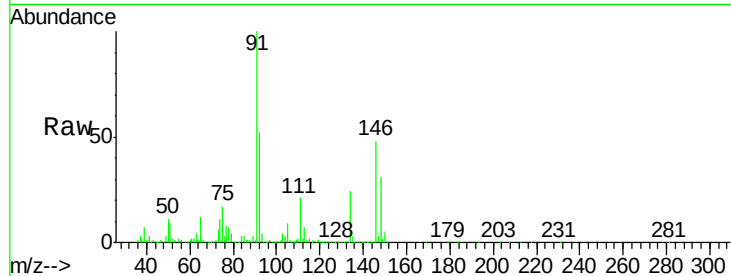
#89
n-Butylbenzene
Concen: 49.494 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.4	79.2
134	25.7	12.9	38.7

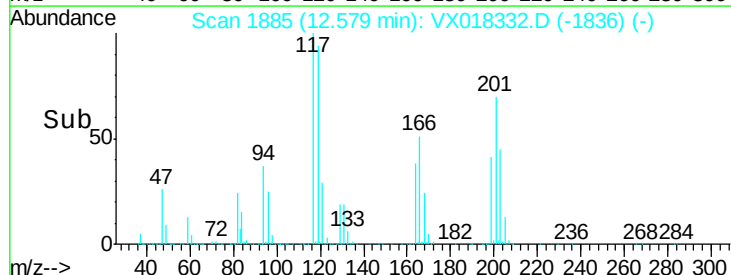
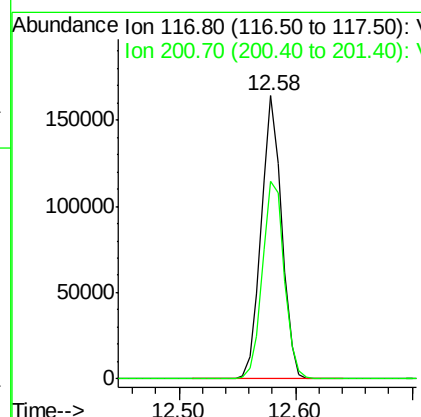
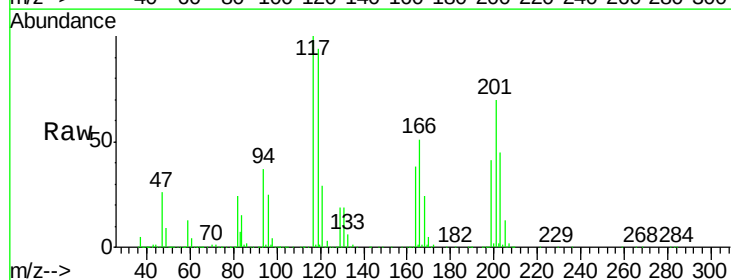
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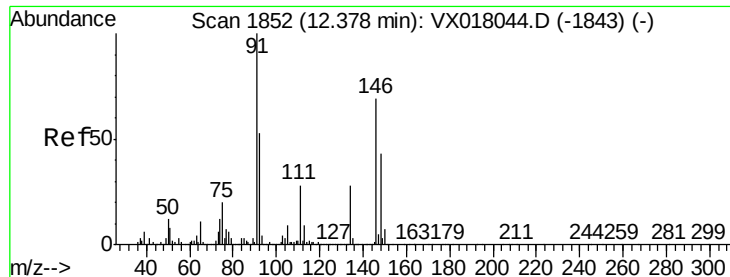
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#90
Hexachloroethane
Concen: 52.199 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	38.5	115.3





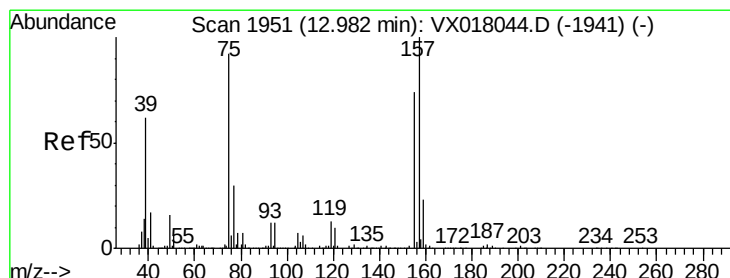
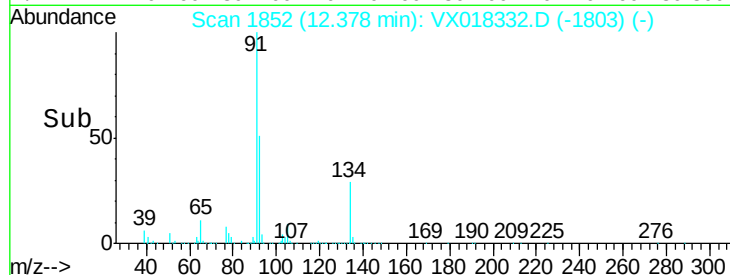
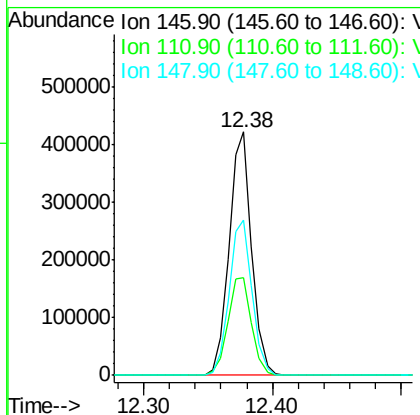
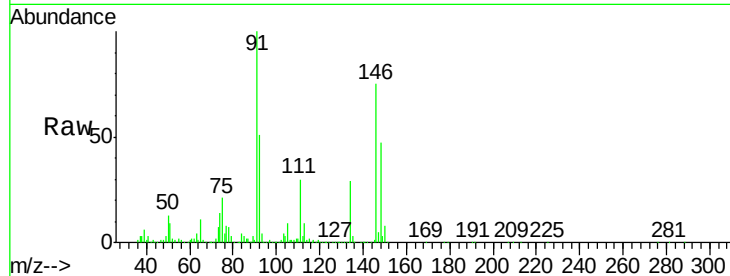
#91
 1,2-Dichlorobenzene
 Concen: 48.355 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	514906		
111	42.3	20.8	62.5	
148	64.9	31.6	95.0	

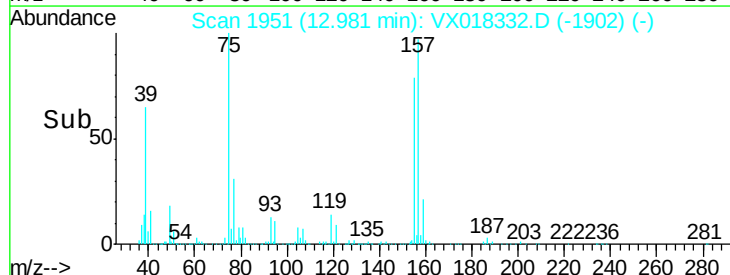
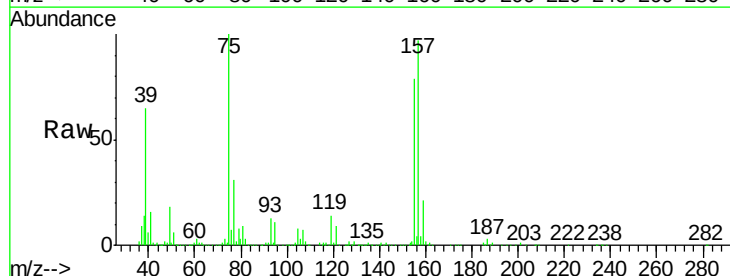
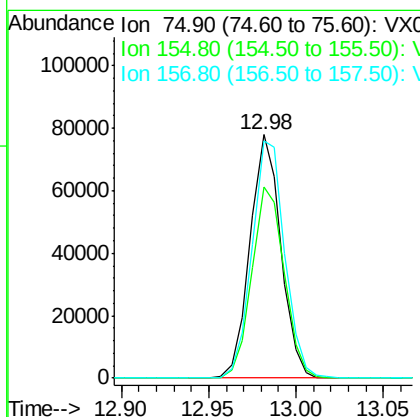
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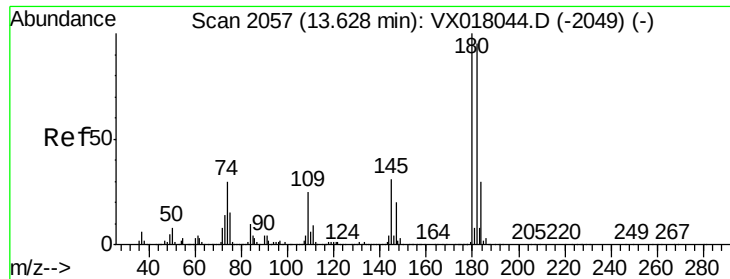
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.402 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	95401		
155	82.7	40.2	120.6	
157	103.2	55.0	165.2	





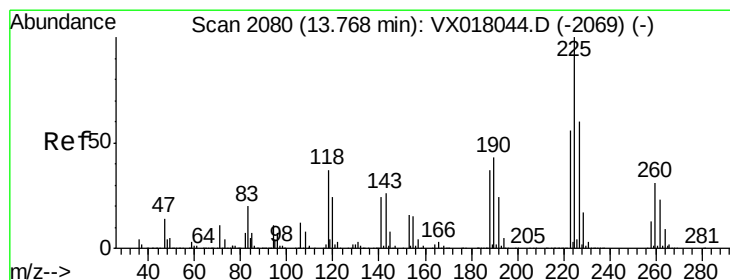
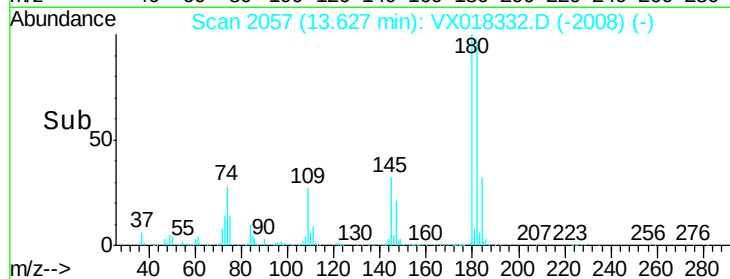
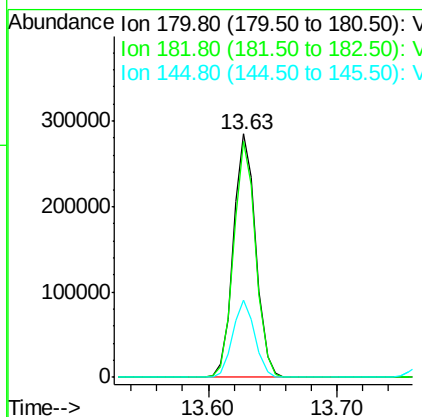
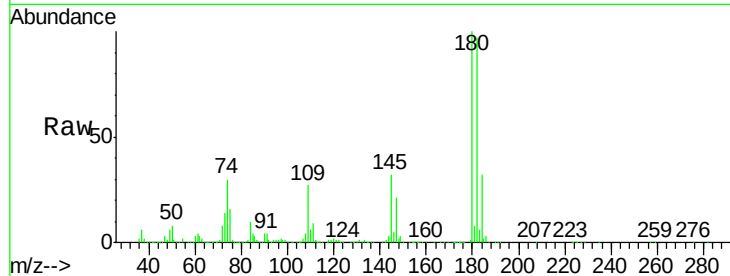
#93
 1,2,4-Trichlorobenzene
 Concen: 48.536 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	344636		
182	95.6	47.5	142.6	
145	31.3	15.7	47.1	

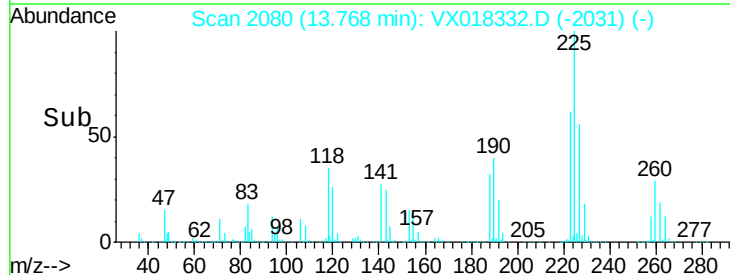
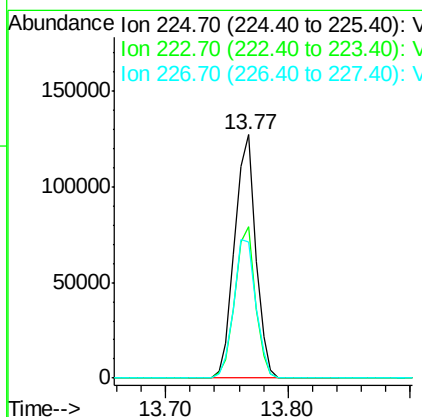
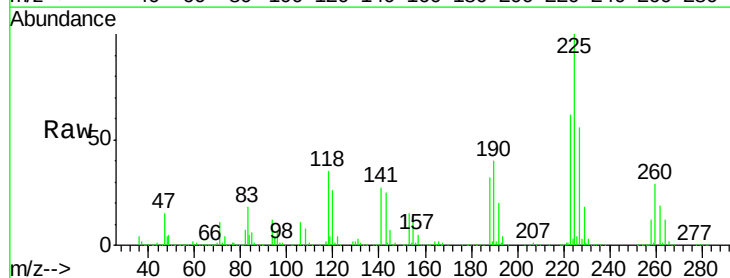
Manual Integrations
 APPROVED

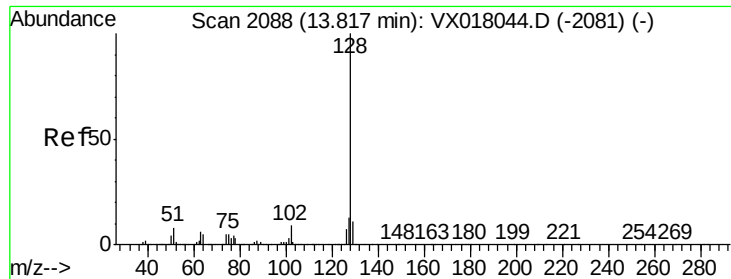
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 53.920 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018332.D
 Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	151015		
223	60.4	30.7	92.1	
227	59.5	32.6	97.8	





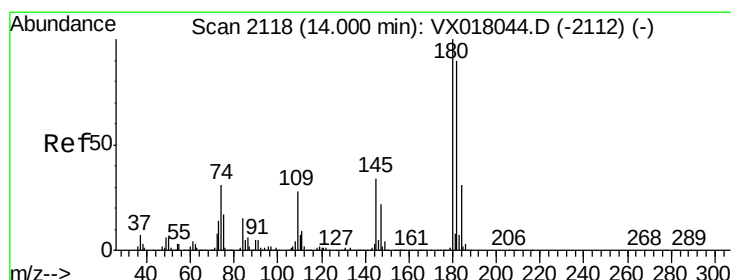
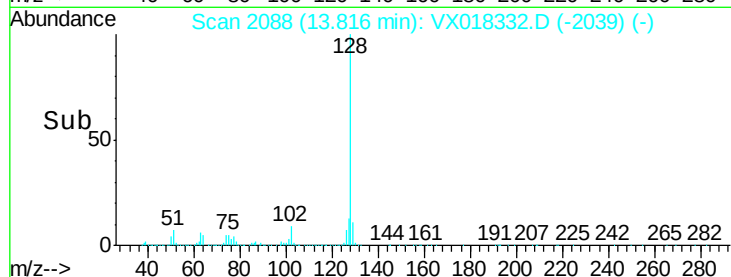
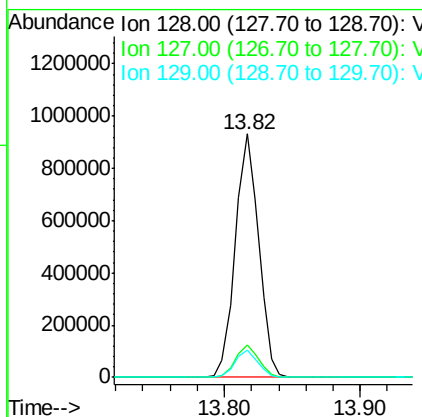
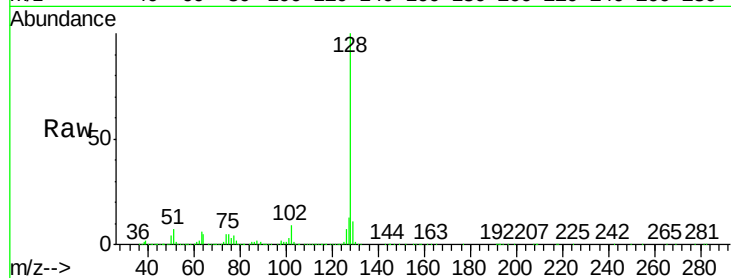
#95
Naphthalene
Concen: 47.714 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/10/2020 4:03:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.565 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018332.D
Acq: 09 Sep 2020 19:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	142.0
145	33.0	17.5	52.6

