

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018334.D
 Acq On : 10 Sep 2020 11:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:13:15 AM

Quant Time: Sep 11 06:59:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	409705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	619246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	284283	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	5.46	113	223480	52.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	8.70	98	766729	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.12	95	318118	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	252302	50.579	ug/l	99
3) Chloromethane	1.31	50	214566	40.800	ug/l	100
4) Vinyl Chloride	1.39	62	236965	45.265	ug/l	97
5) Bromomethane	1.62	94	133718	52.956	ug/l	99
6) Chloroethane	1.71	64	145760	51.839	ug/l	100
7) Trichlorofluoromethane	1.92	101	415546	58.213	ug/l	95
8) Diethyl Ether	2.17	74	122103	50.438	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	219563	56.893	ug/l	98
10) Methyl Iodide	2.49	142	173548	42.874	ug/l	98
11) Tert butyl alcohol	3.01	59	265237	239.837	ug/l	99
12) 1,1-Dichloroethene	2.35	96	201020	50.207	ug/l	96
13) Acrolein	2.27	56	136621	297.937	ug/l	99
14) Allyl chloride	2.70	41	364980	50.738	ug/l	97
15) Acrylonitrile	3.11	53	604489	240.965	ug/l	99
16) Acetone	2.42	43	594484	268.233	ug/l	95
17) Carbon Disulfide	2.55	76	544520	44.988	ug/l	99
18) Methyl Acetate	2.75	43	301886	56.446	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	731626	53.282	ug/l	97
20) Methylene Chloride	2.83	84	229379	50.632	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	221956	50.036	ug/l	98
22) Diisopropyl ether	3.82	45	741265	52.211	ug/l	96
23) Vinyl Acetate	3.78	43	3209693	254.069	ug/l	100
24) 1,1-Dichloroethane	3.67	63	409135	50.624	ug/l	98
25) 2-Butanone	4.63	43	879309	241.410	ug/l	97
26) 2,2-Dichloropropane	4.55	77	396801	60.343	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	246523	48.234	ug/l	98
28) Bromochloromethane	4.98	49	186771	47.877	ug/l	100
29) Tetrahydrofuran	5.09	42	535339	230.881	ug/l	97
30) Chloroform	5.17	83	446931	53.407	ug/l	96
31) Cyclohexane	5.54	56	325381	47.795	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	411562	53.591	ug/l	99
36) 1,1-Dichloropropene	5.77	75	311517	54.541	ug/l	99
37) Ethyl Acetate	4.79	43	322507	48.617	ug/l	99
38) Carbon Tetrachloride	5.75	117	384145	59.680	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344750	55.200	ug/l	97
40) Benzene	6.11	78	887001	52.852	ug/l	98
41) Methacrylonitrile	5.00	41	176077	48.341	ug/l	97
42) 1,2-Dichloroethane	6.16	62	369524	57.467	ug/l	98
43) Isopropyl Acetate	6.41	43	538951	50.301	ug/l	99
44) Trichloroethene	7.19	130	254339	53.634	ug/l	97
45) 1,2-Dichloropropane	7.49	63	240646	53.202	ug/l	98
46) Dibromomethane	7.63	93	173141	54.433	ug/l	98
47) Bromodichloromethane	7.87	83	368440	58.011	ug/l	99
48) Methyl methacrylate	7.74	41	277222	51.974	ug/l	98
49) 1,4-Dioxane	7.71	88	109687	1135.270	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1710254	258.405	ug/l	99
52) Toluene	8.76	92	575625	54.090	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	395462	56.181	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	408811	54.825	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	245300	54.046	ug/l	98
56) Ethyl methacrylate	9.16	69	357047	52.917	ug/l	98
57) 1,3-Dichloropropane	9.35	76	404667	54.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	854007	281.363	ug/l	99
59) 2-Hexanone	9.47	43	1341582	266.577	ug/l	99
60) Dibromochloromethane	9.56	129	304493	57.189	ug/l	99
61) 1,2-Dibromoethane	9.65	107	267520	54.291	ug/l	99
64) Tetrachloroethene	9.32	164	239354	54.053	ug/l	92
65) Chlorobenzene	10.12	112	634611	52.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	264460	55.754	ug/l	97
67) Ethyl Benzene	10.24	91	1130978	55.260	ug/l	99
68) m/p-Xylenes	10.34	106	861276	112.746	ug/l	97
69) o-Xylene	10.68	106	406198	54.853	ug/l	96
70) Styrene	10.69	104	730027	57.888	ug/l	98
71) Bromoform	10.84	173	238583	58.969	ug/l	# 99
73) Isopropylbenzene	11.00	105	1144563	50.873	ug/l	99
74) N-amyl acetate	10.88	43	492622	46.149	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	371785	46.844	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	352096m	46.404	ug/l	
77) Bromobenzene	11.24	156	305623	49.144	ug/l	97
78) n-propylbenzene	11.34	91	1349850	52.840	ug/l	100
79) 2-Chlorotoluene	11.40	91	803339	50.900	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1008389	54.543	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	134219	47.776	ug/l	94
82) 4-Chlorotoluene	11.49	91	976838	52.063	ug/l	99
83) tert-Butylbenzene	11.76	119	982403	53.844	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1028828	54.430	ug/l	99
85) sec-Butylbenzene	11.93	105	1158299	55.826	ug/l	99
86) p-Isopropyltoluene	12.05	119	1072381	56.267	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	555419	50.868	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	556527	50.905	ug/l	99
89) n-Butylbenzene	12.37	91	977570	56.197	ug/l	99
90) Hexachloroethane	12.58	117	205864	54.901	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	535213	52.073	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90506	45.607	ug/l	95

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VSTDCCC050

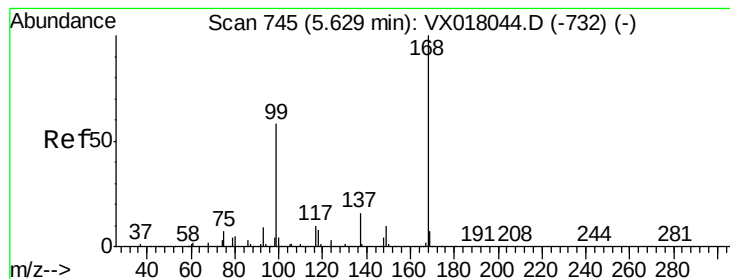
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	351692	51.314	ug/l	99
94) Hexachlorobutadiene	13.76	225	149479	55.294	ug/l	94
95) Naphthalene	13.82	128	1106099	49.038	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	357770	52.830	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 409705

Ion Ratio Lower Upper

168 100

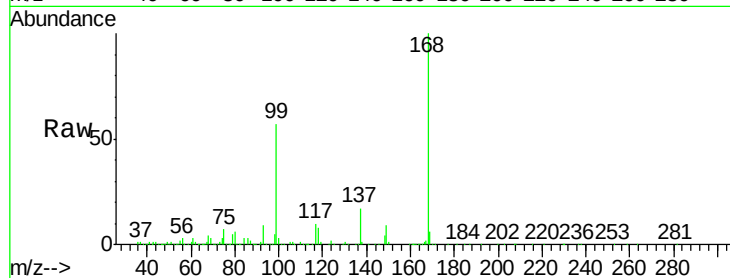
99 57.0 46.3 69.5

Manual Integrations

APPROVED

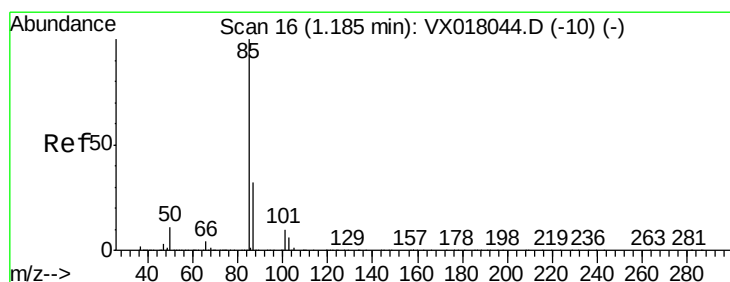
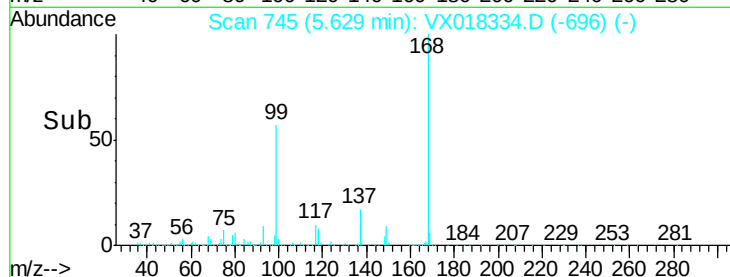
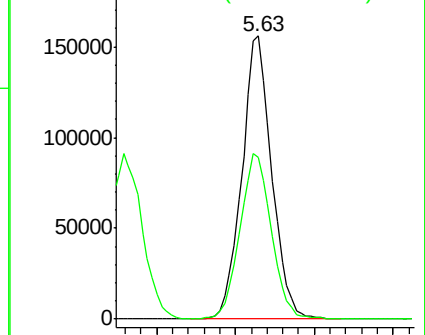
MMDadoda

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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: 50.579 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018334.D

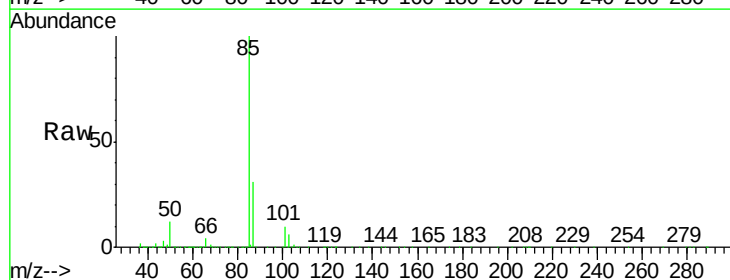
Acq: 10 Sep 2020 11:07

Tgt Ion: 85 Resp: 252302

Ion Ratio Lower Upper

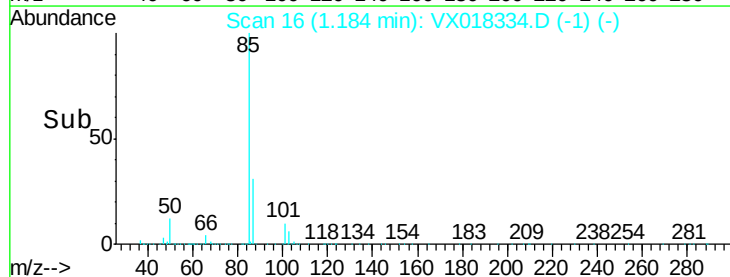
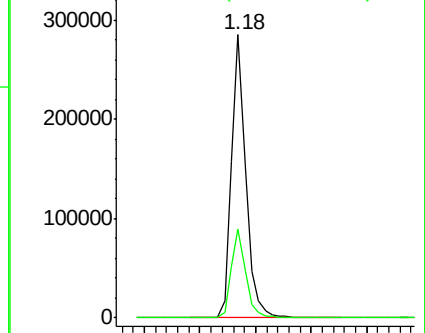
85 100

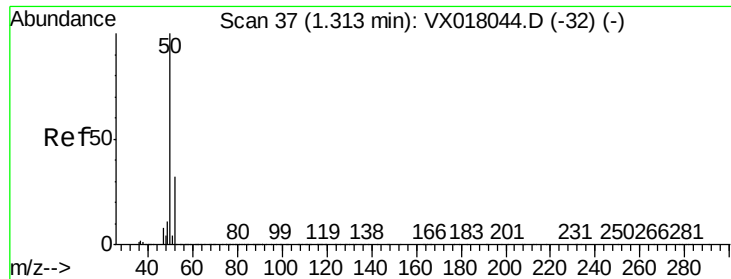
87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.800 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 214566

Ion Ratio Lower Upper

50 100

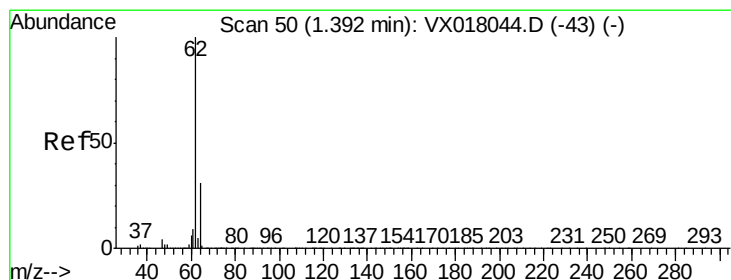
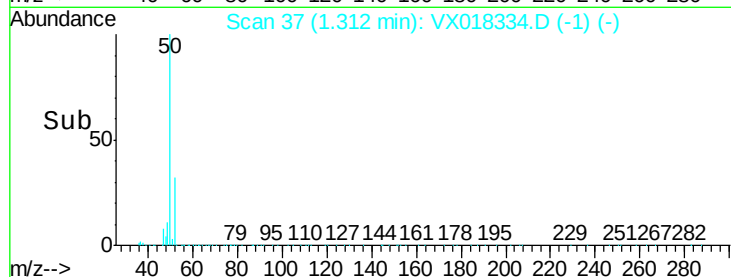
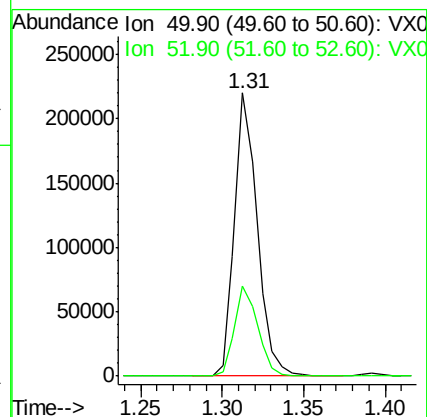
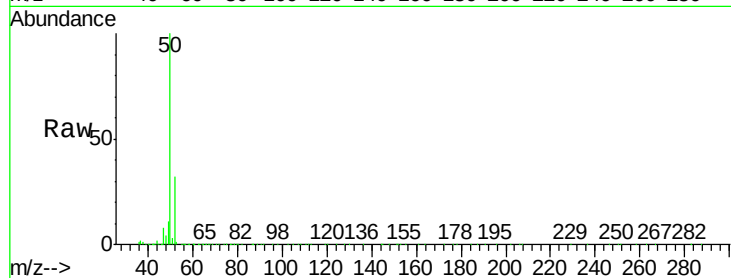
52 31.6 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.265 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018334.D

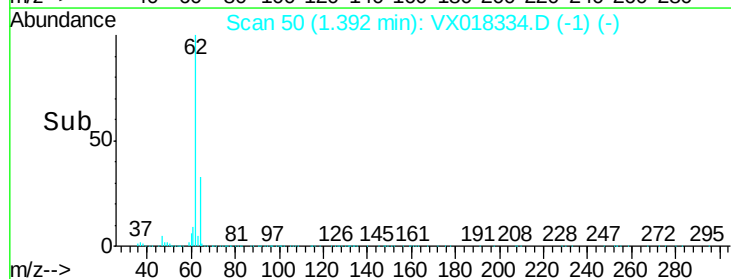
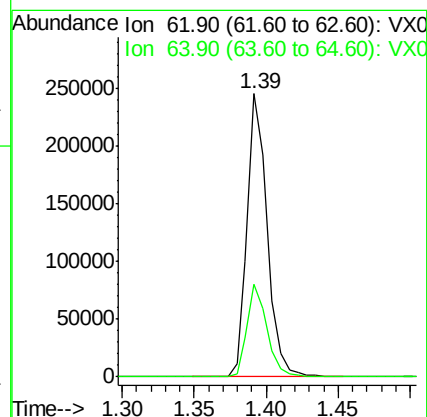
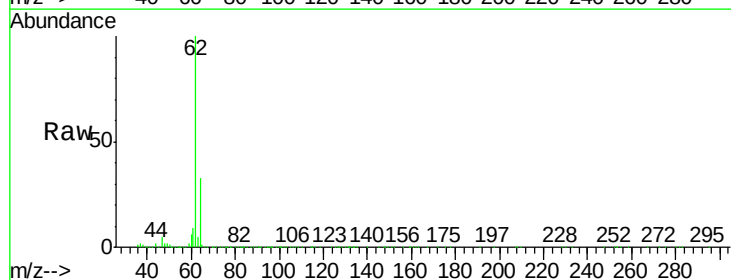
Acq: 10 Sep 2020 11:07

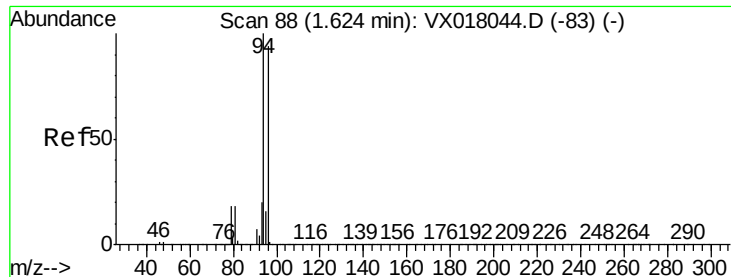
Tgt Ion: 62 Resp: 236965

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 52.956 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 133718

Ion Ratio Lower Upper

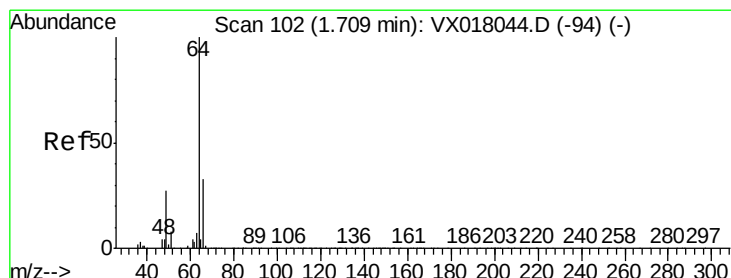
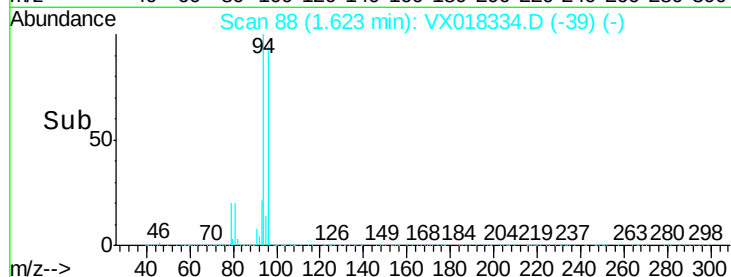
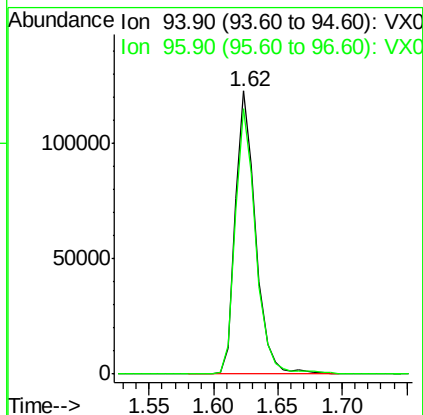
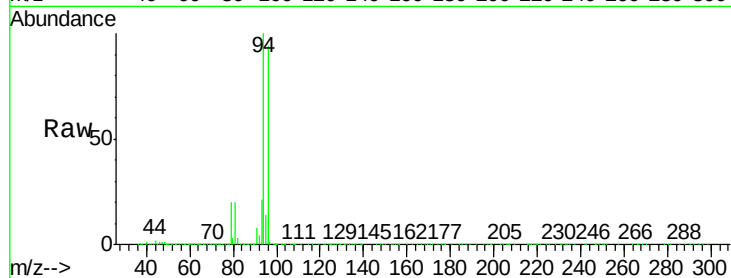
94 100

96 94.1 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 51.839 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018334.D

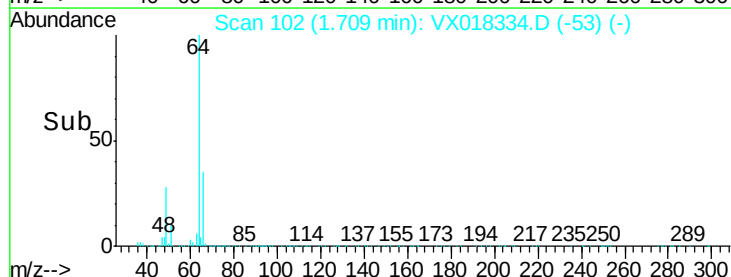
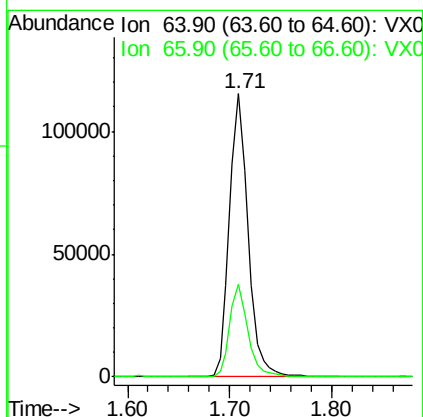
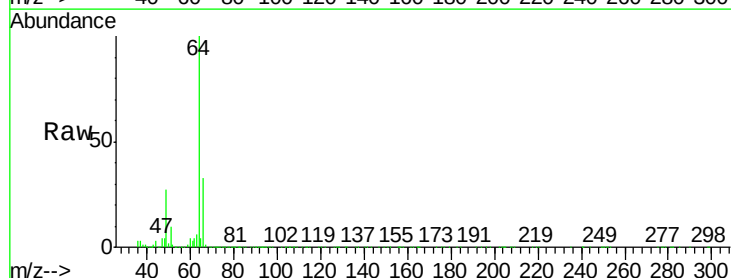
Acq: 10 Sep 2020 11:07

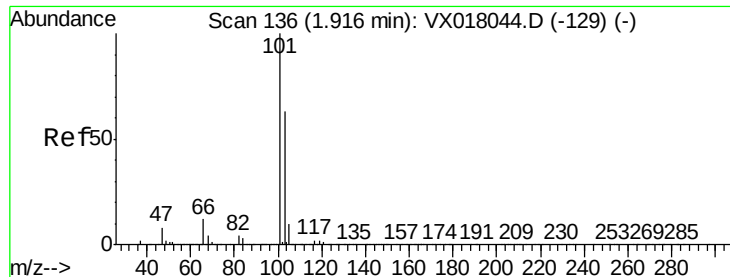
Tgt Ion: 64 Resp: 145760

Ion Ratio Lower Upper

64 100

66 32.9 26.6 39.8





#7

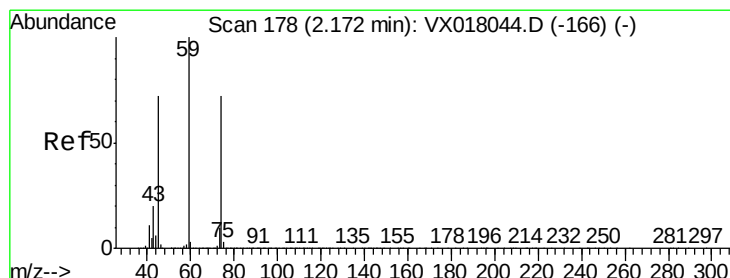
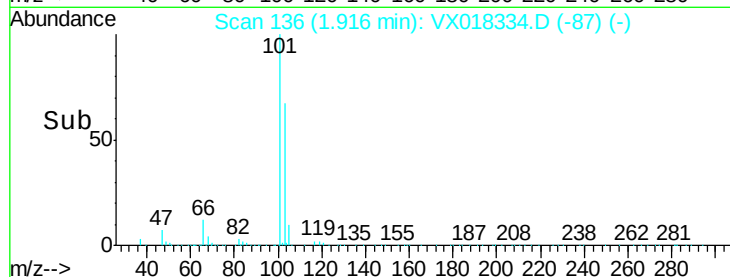
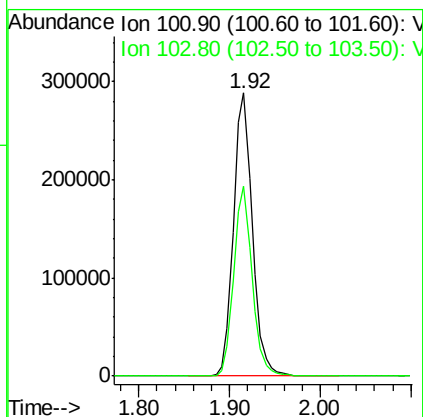
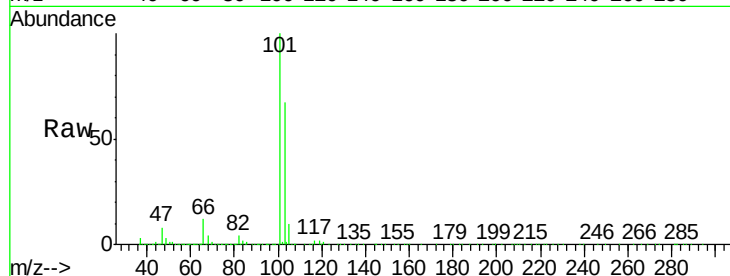
Trichlorofluoromethane
Concen: 58.213 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	50.7	76.1

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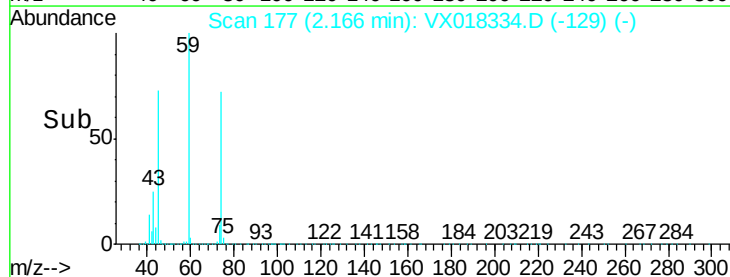
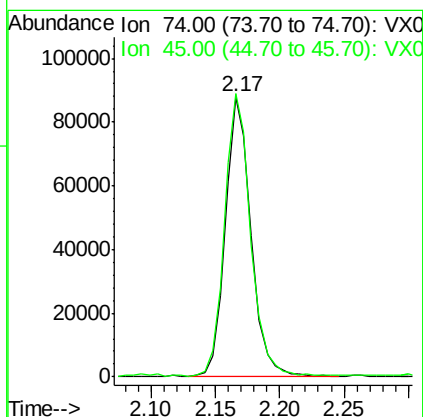
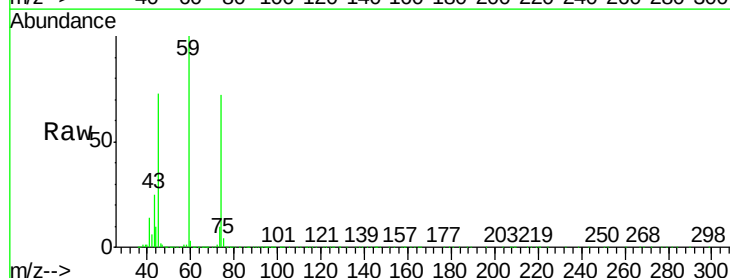
MMDadoda
9/11/2020 10:13:15 AM

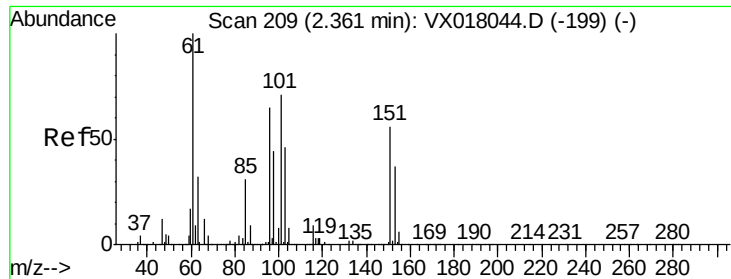


#8

Diethyl Ether
Concen: 50.438 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.893 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

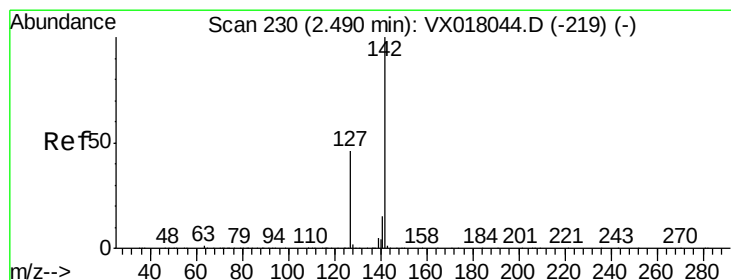
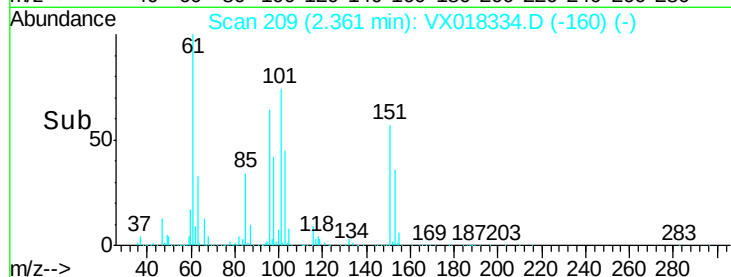
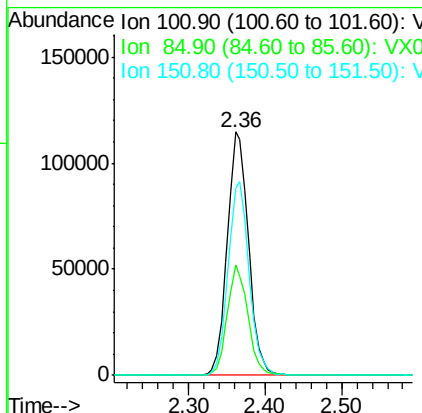
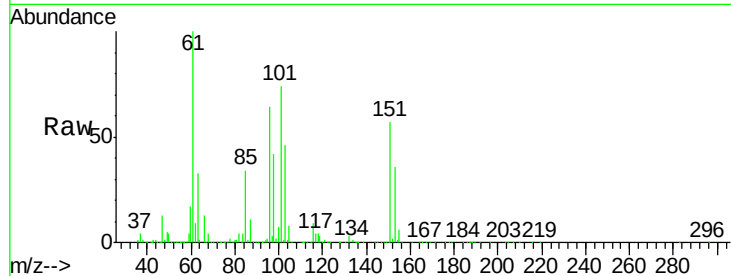
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	219563
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.0	51.0
151	79.2	65.2	97.8

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#10

Methyl Iodide

Concen: 42.874 ug/l

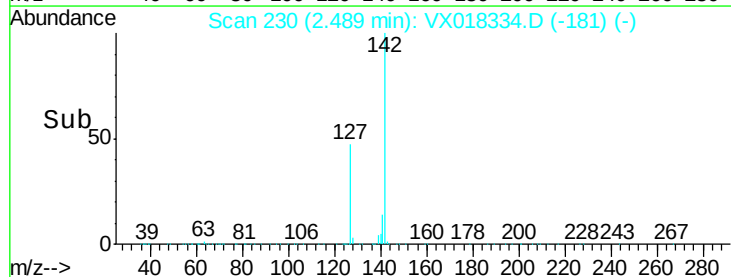
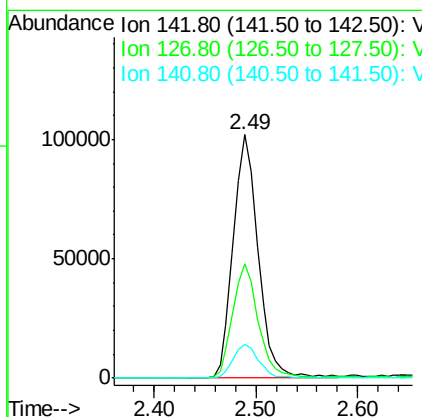
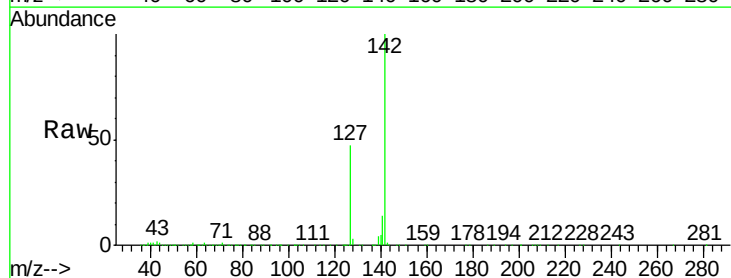
RT: 2.49 min Scan# 230

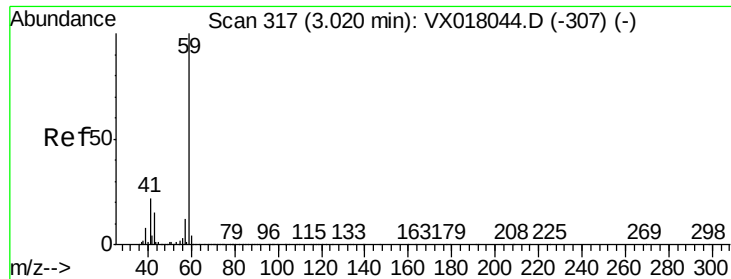
Delta R.T. 0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion:	142	Resp:	173548
Ion Ratio	Lower	Upper	
142	100		
127	48.1	37.0	55.6
141	14.5	11.5	17.3





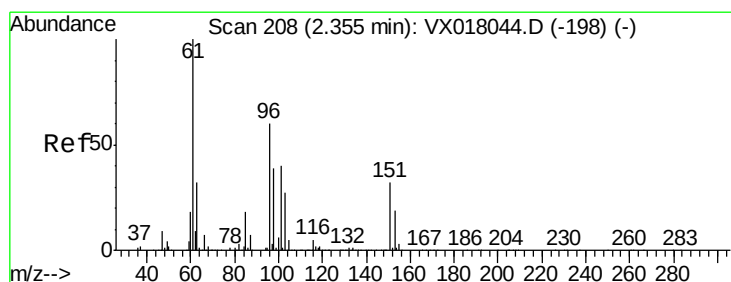
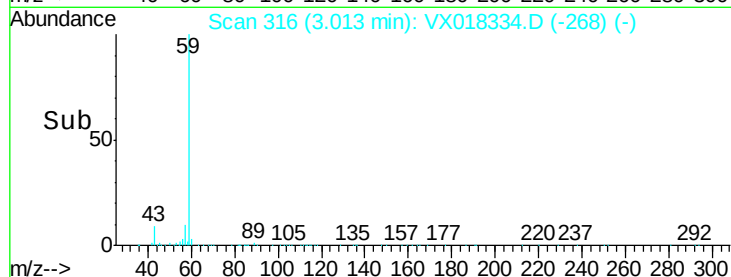
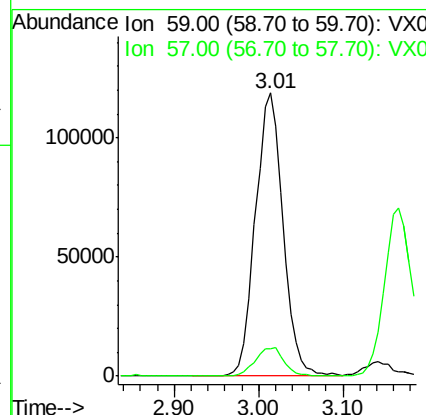
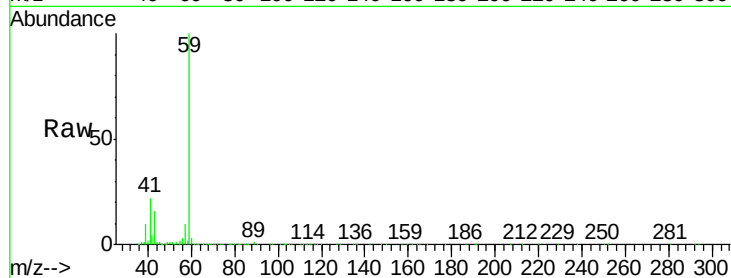
#11
Tert butyl alcohol
Concen: 239.837 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.9	13.3

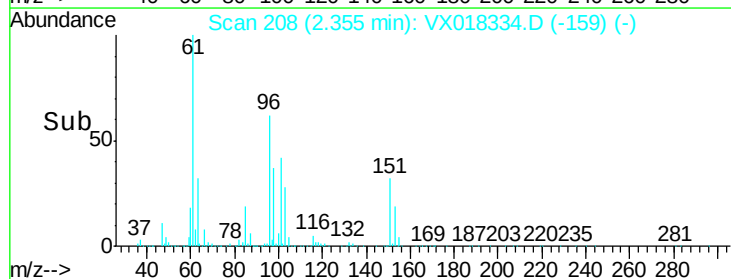
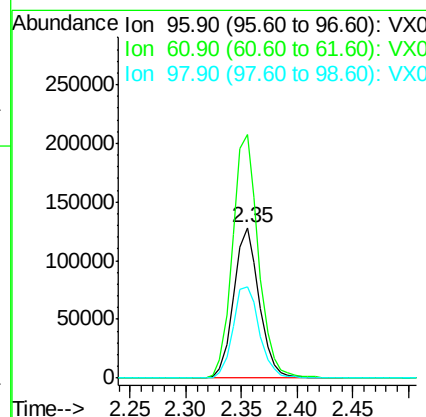
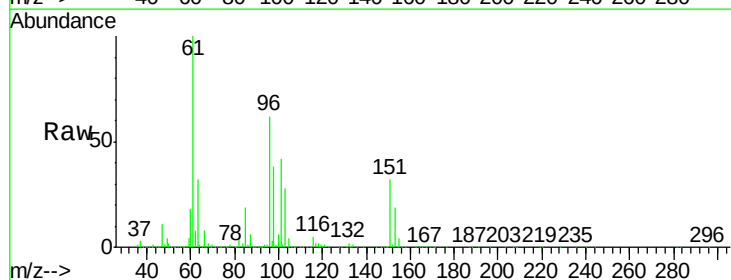
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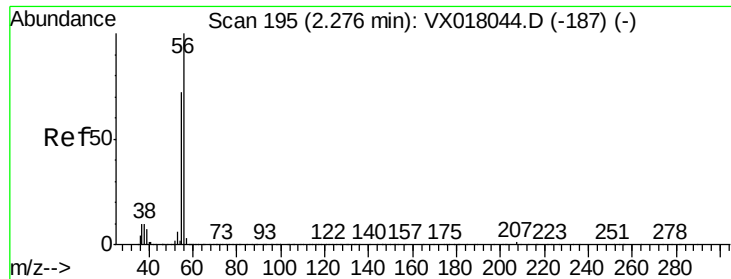
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.207 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	133.0	199.4
98	60.8	51.6	77.4





#13

Acrolein

Concen: 297.937 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 136621

Ion Ratio Lower Upper

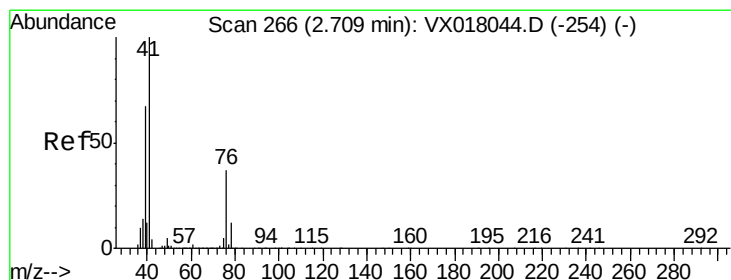
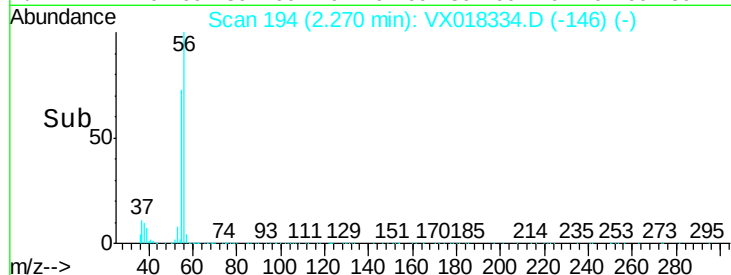
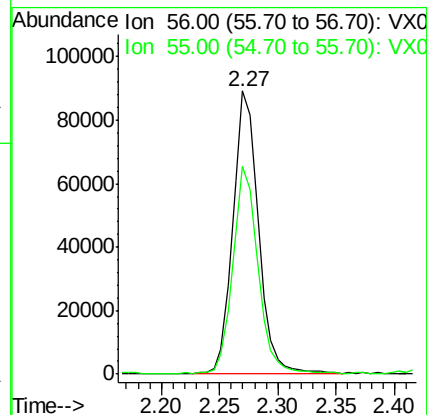
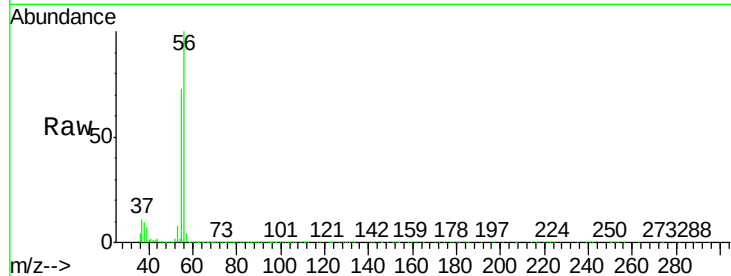
56 100

55 71.9 57.0 85.6

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#14

Allyl chloride

Concen: 50.738 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

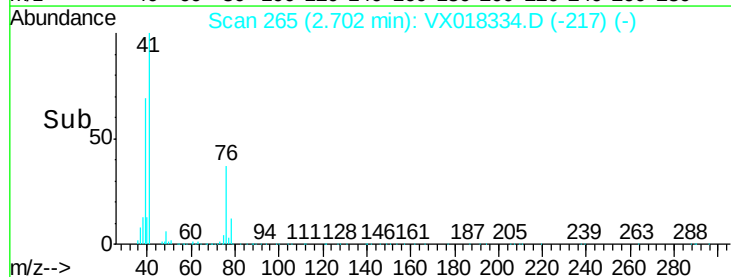
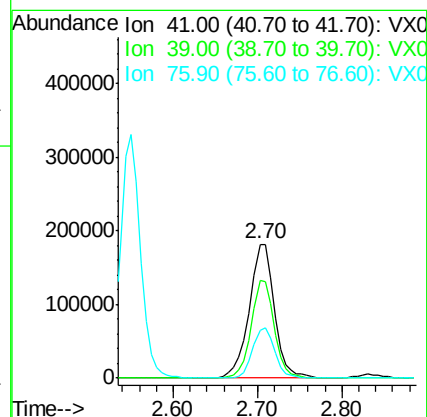
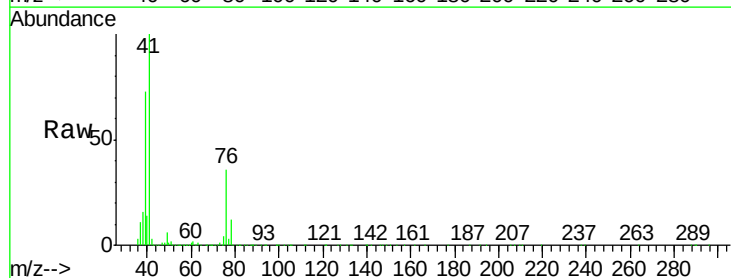
Tgt Ion: 41 Resp: 364980

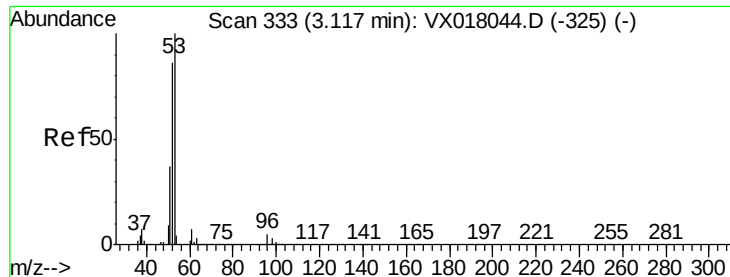
Ion Ratio Lower Upper

41 100

39 66.5 50.6 76.0

76 33.1 26.2 39.2





#15

Acrylonitrile

Concen: 240.965 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

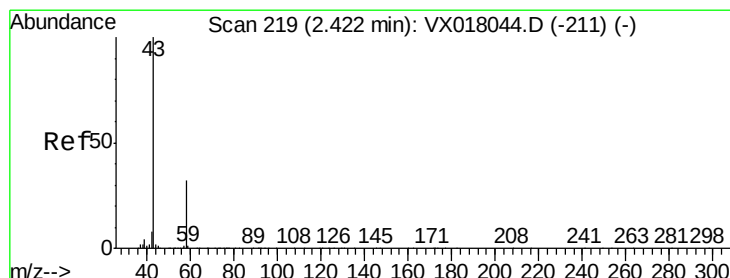
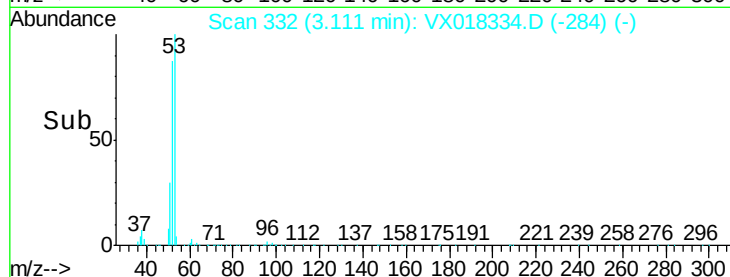
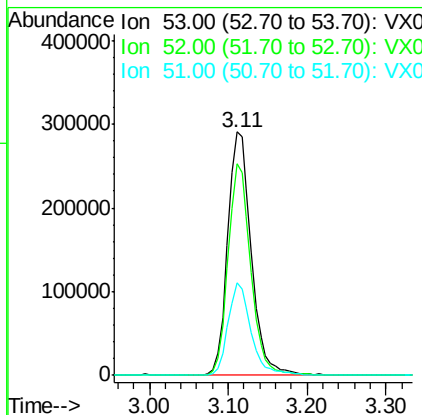
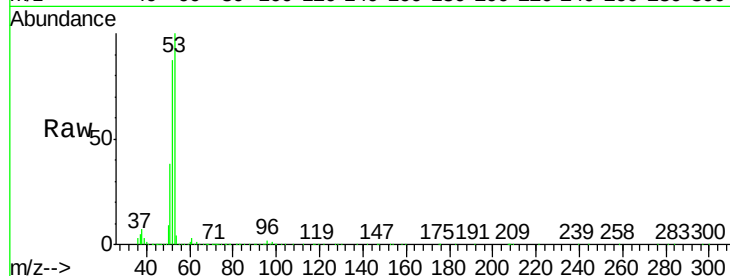
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	604489
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.9	100.3
51	37.2	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 268.233 ug/l

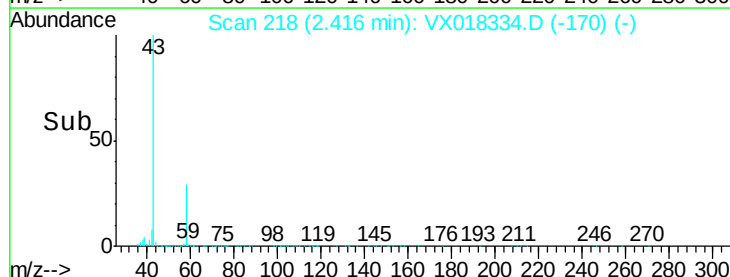
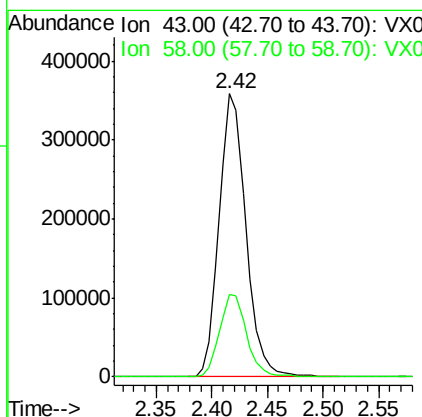
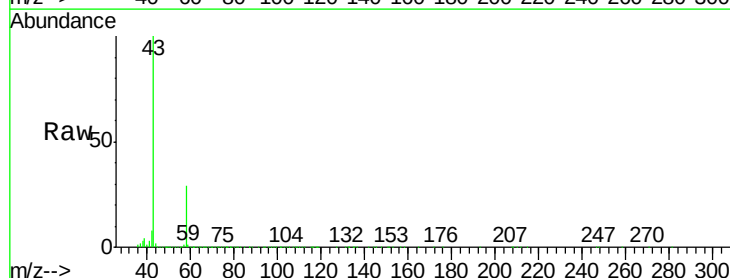
RT: 2.42 min Scan# 218

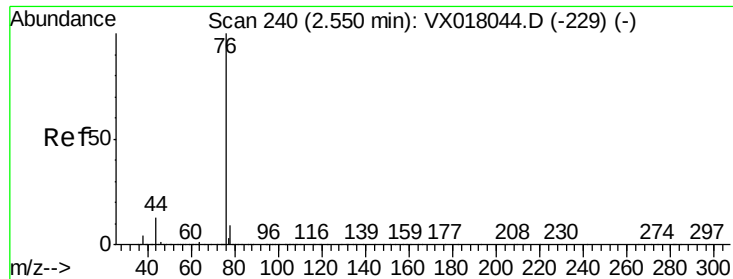
Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion:	43	Resp:	594484
Ion Ratio		Lower	Upper
43	100		
58	29.1	25.5	38.3





#17

Carbon Disulfide

Concen: 44.988 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 544520

Ion Ratio Lower Upper

76 100

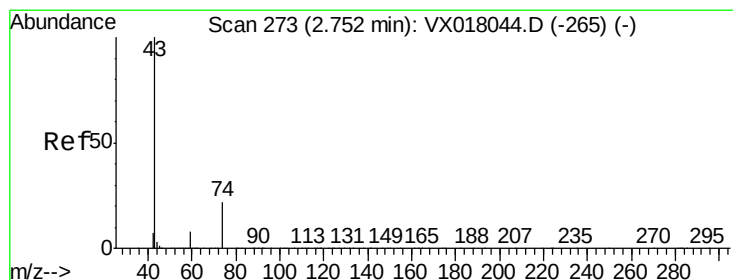
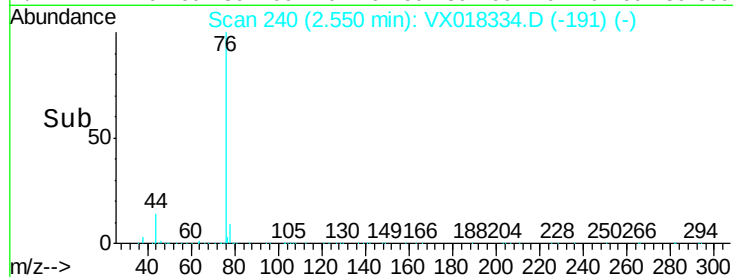
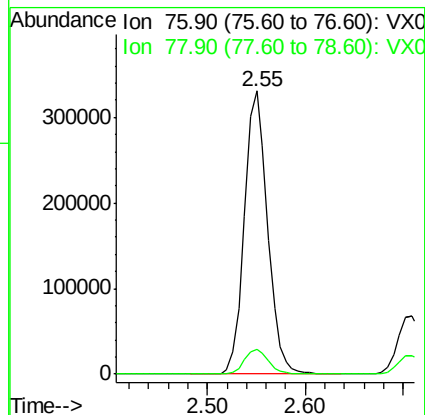
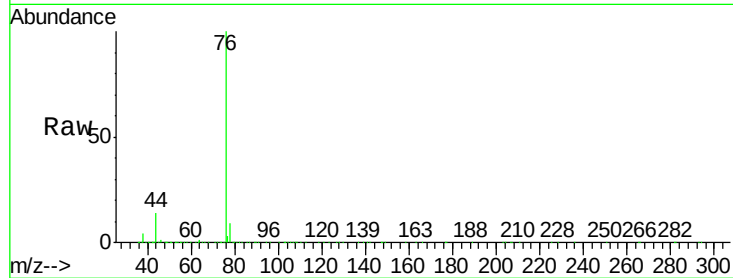
78 8.7 7.4 11.0

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#18

Methyl Acetate

Concen: 56.446 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018334.D

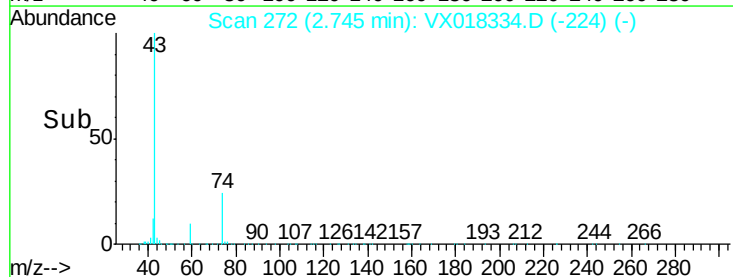
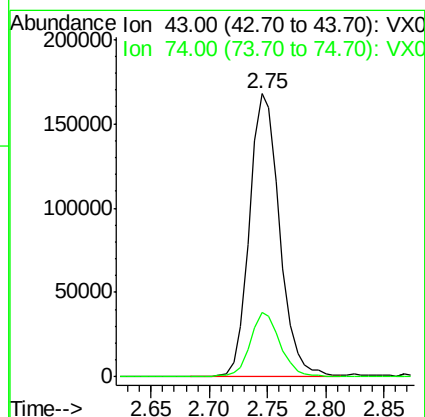
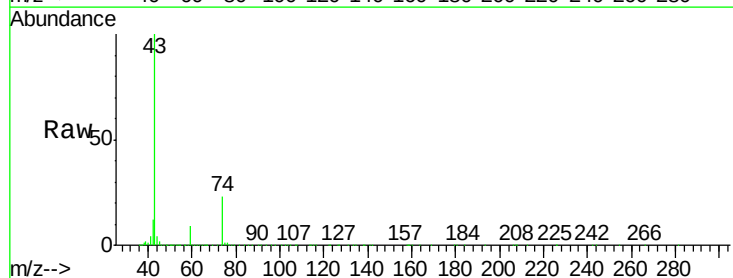
Acq: 10 Sep 2020 11:07

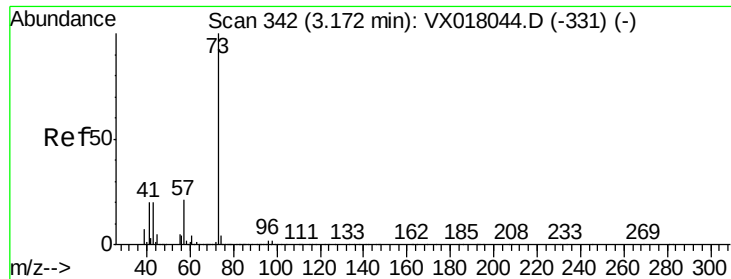
Tgt Ion: 43 Resp: 301886

Ion Ratio Lower Upper

43 100

74 22.9 18.2 27.4





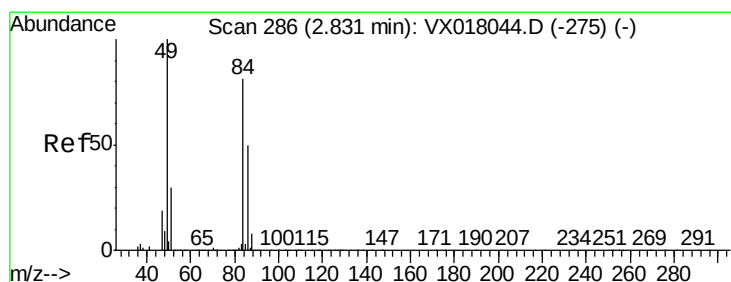
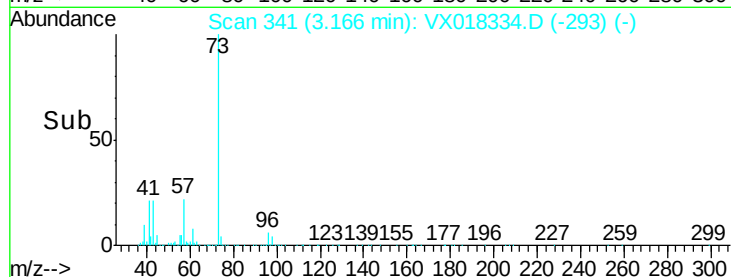
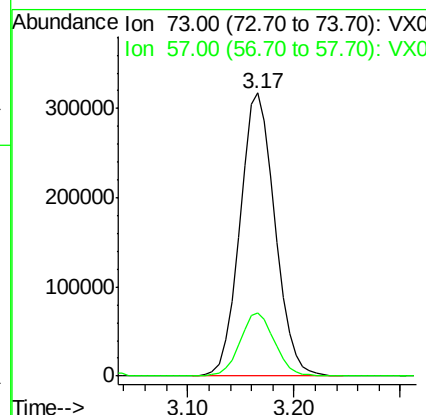
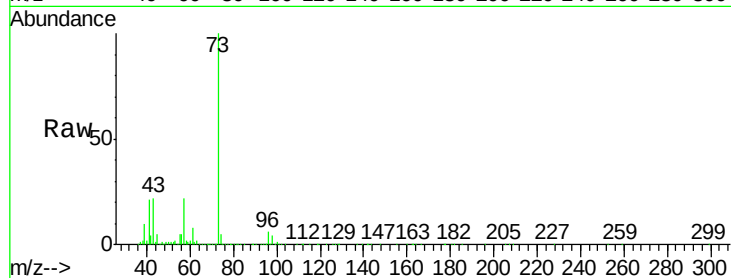
#19
Methyl tert-butyl Ether
Concen: 53.282 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

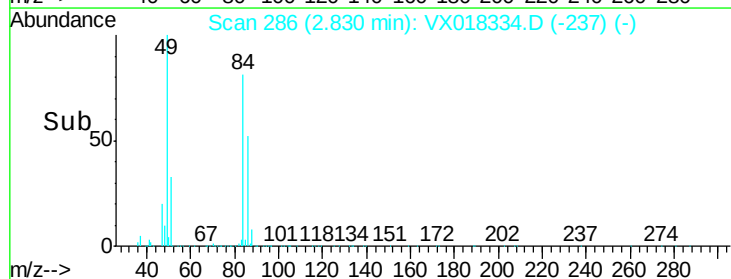
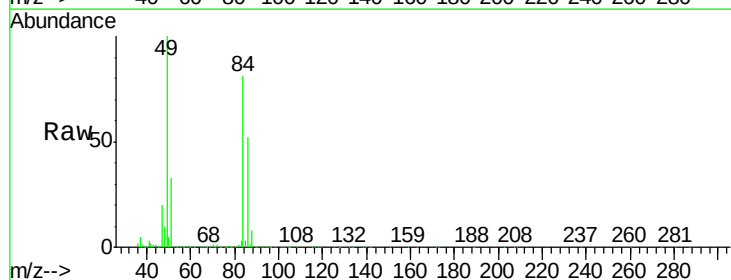
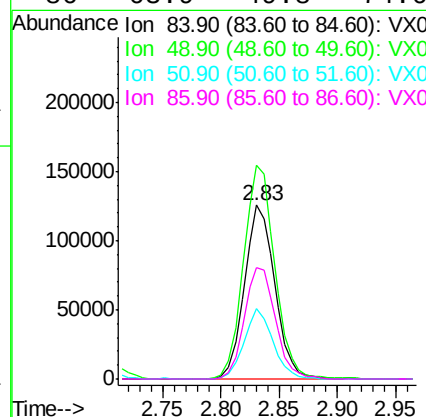
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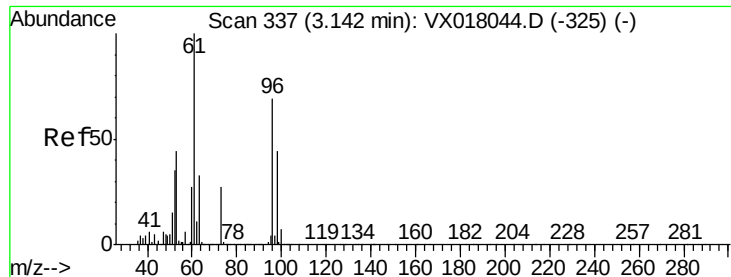
MMDadoda
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#20
Methylene Chloride
Concen: 50.632 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	98.6	148.0
51	40.2	29.6	44.4
86	63.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 50.036 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

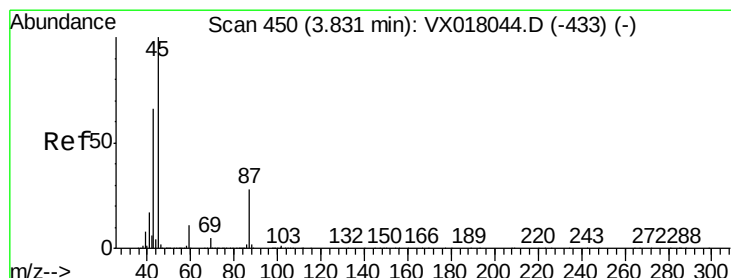
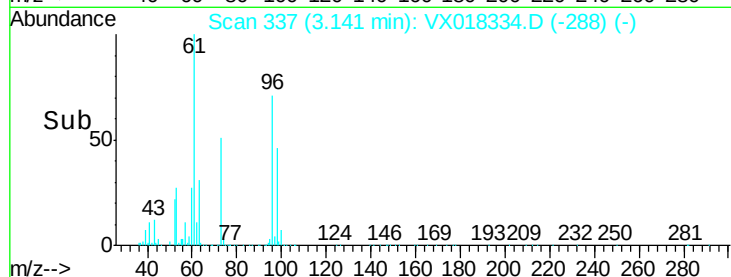
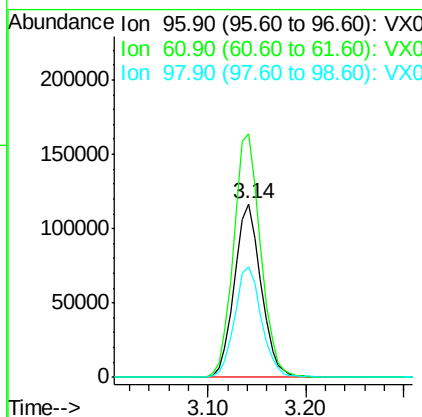
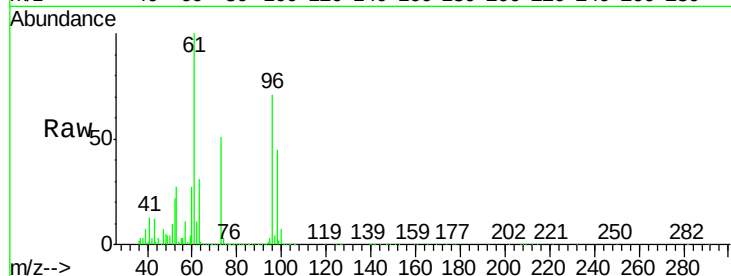
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	221956
Ion	Ratio	Lower	Upper
96	100		
61	140.1	115.4	173.0
98	63.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 52.211 ug/l

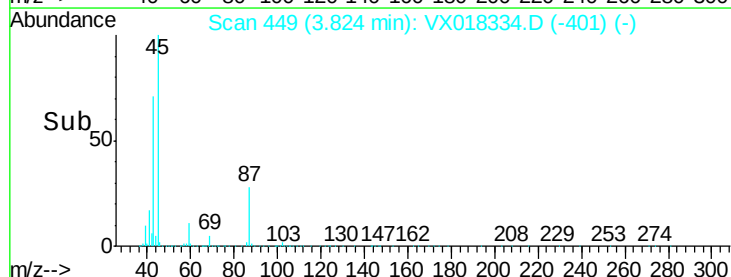
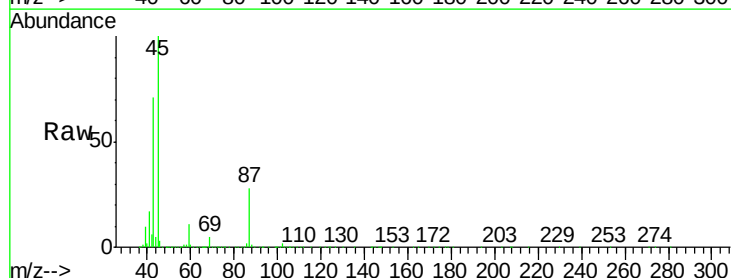
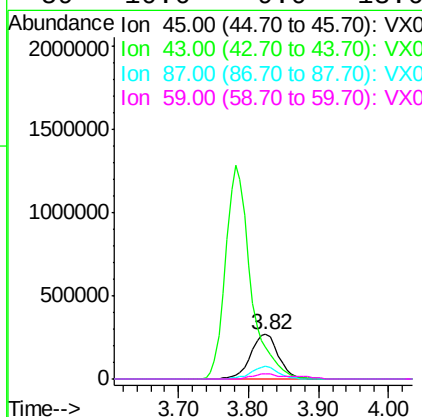
RT: 3.82 min Scan# 449

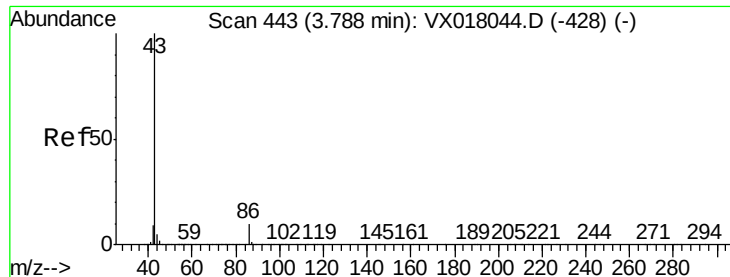
Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion:	45	Resp:	741265
Ion	Ratio	Lower	Upper
45	100		
43	70.8	52.8	79.2
87	28.0	22.5	33.7
59	10.6	9.0	13.6





#23

Vinyl Acetate

Concen: 254.069 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3209693

Ion Ratio Lower Upper

43 100

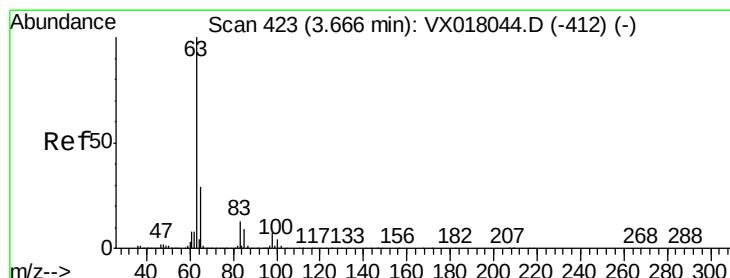
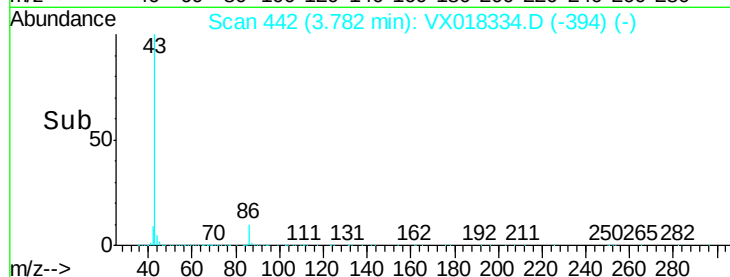
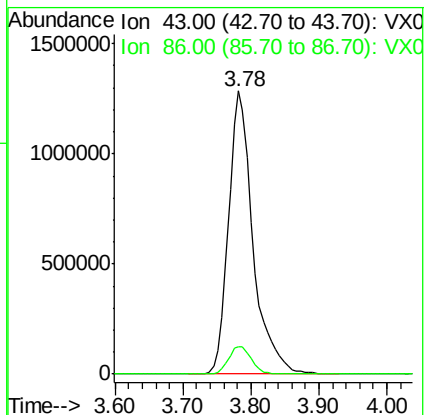
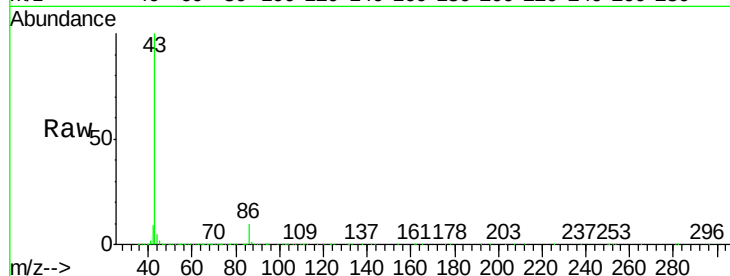
86 9.8 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 50.624 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

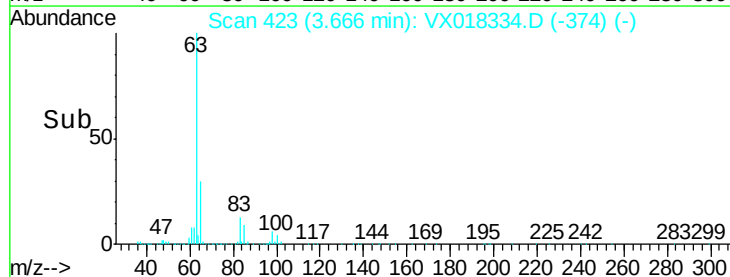
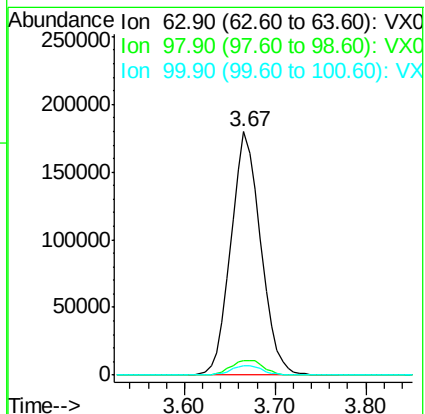
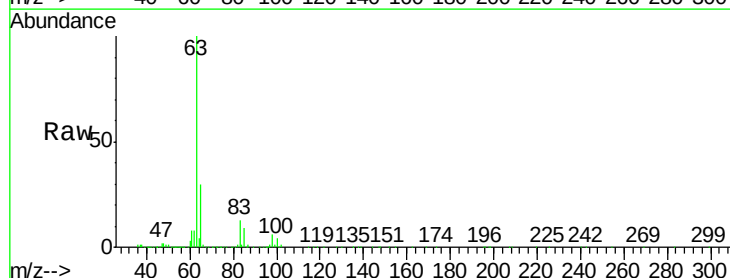
Tgt Ion: 63 Resp: 409135

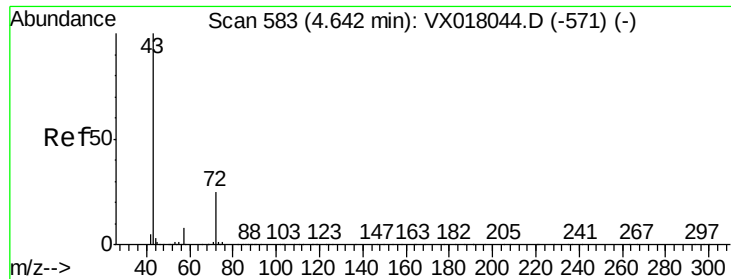
Ion Ratio Lower Upper

63 100

98 5.9 3.6 10.8

100 3.9 2.0 6.0





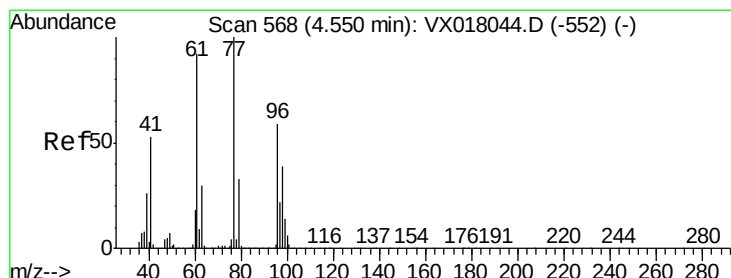
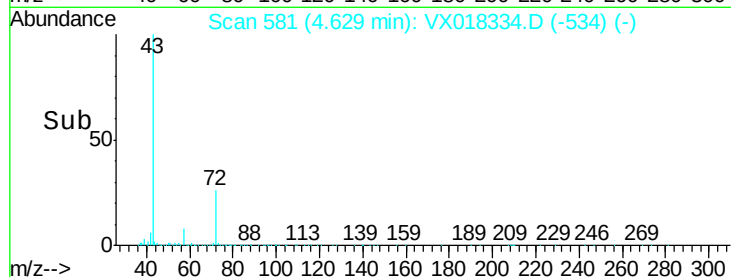
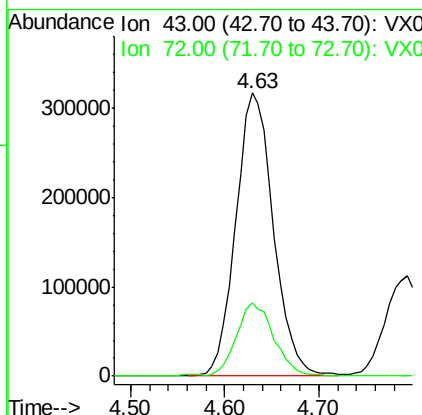
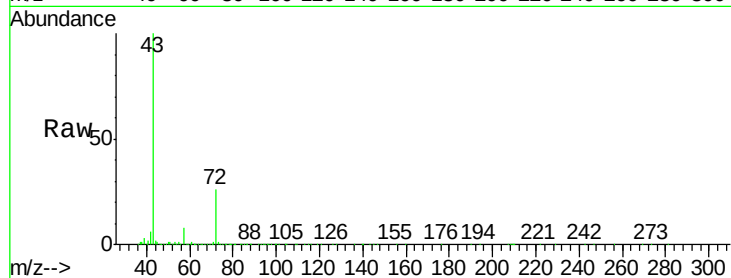
#25
2-Butanone
Concen: 241.410 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 879309
Ion Ratio Lower Upper
43 100
72 25.9 19.8 29.6

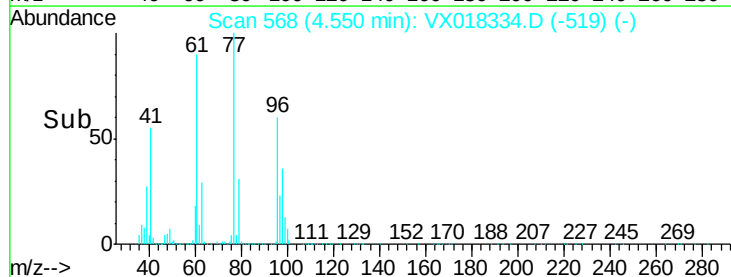
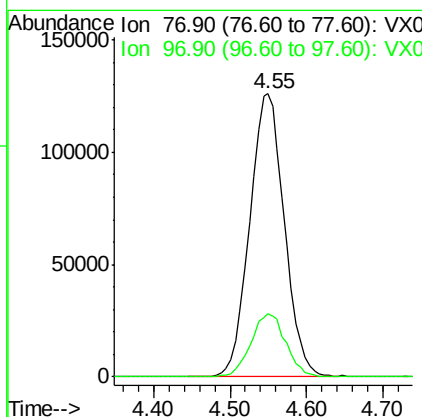
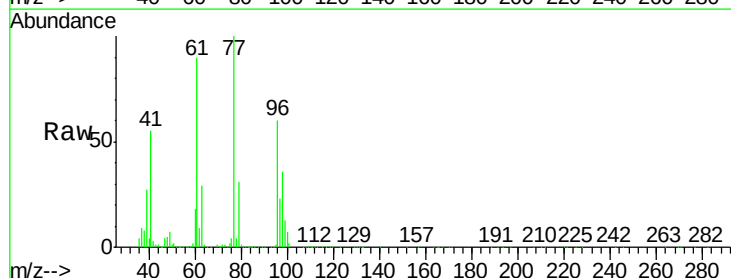
Manual Integrations
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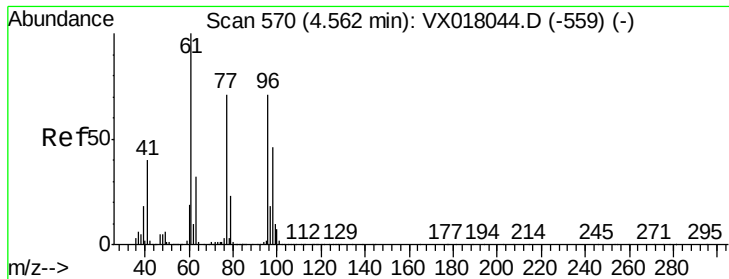
MMDadoda
9/11/2020 10:13:15 AM



#26
2,2-Dichloropropane
Concen: 60.343 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion: 77 Resp: 396801
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





#27

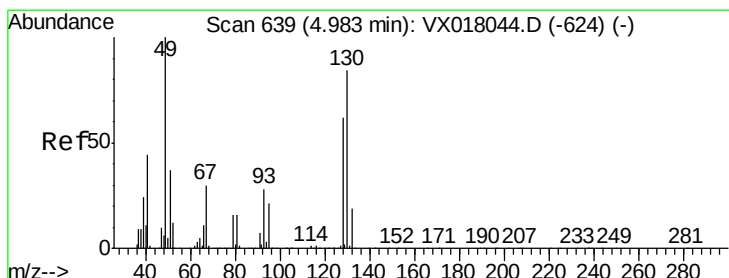
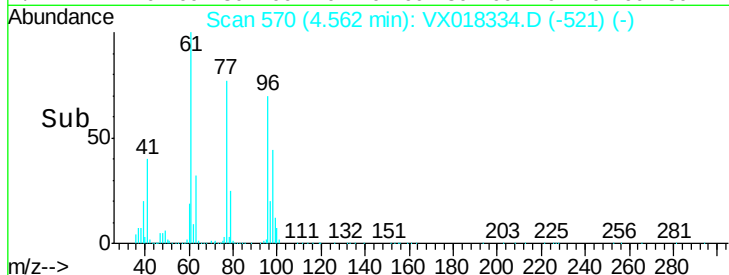
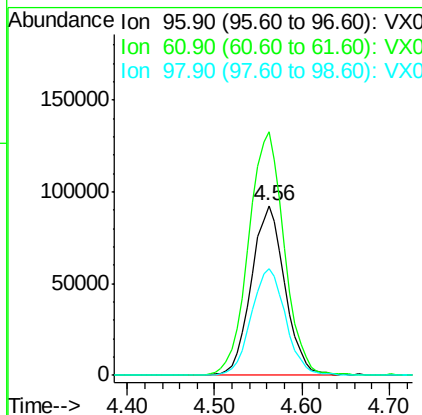
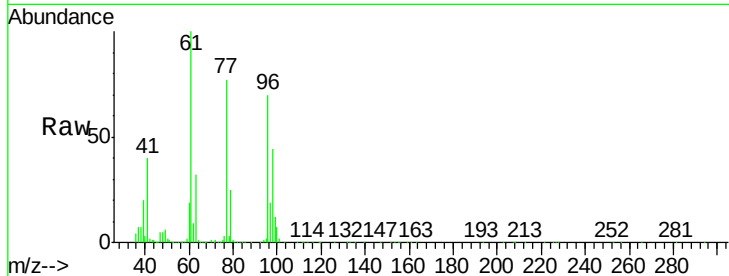
cis-1,2-Dichloroethene
Concen: 48.234 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	246523		
61	152.0	0.0	296.6	
98	65.0	0.0	130.2	

Manual Integrations
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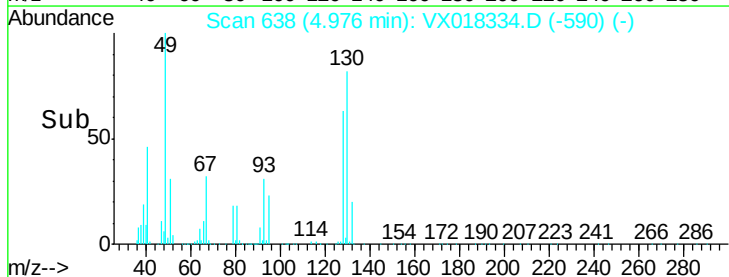
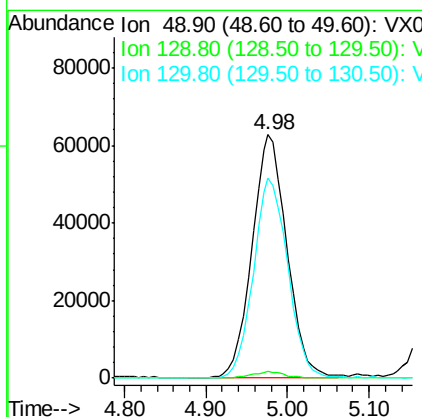
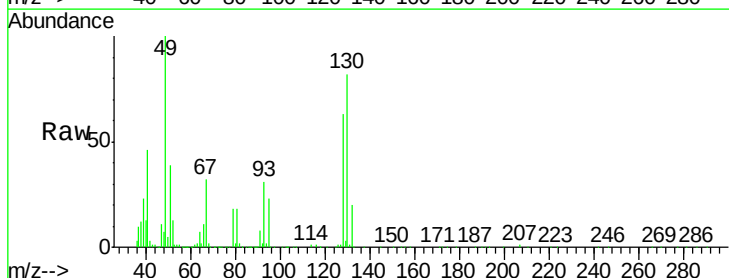
MMDadoda
9/11/2020 10:13:15 AM

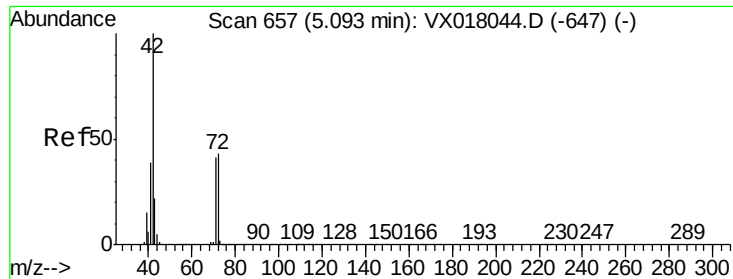


#28

Bromochloromethane
Concen: 47.877 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	186771		
129	2.5	0.0	4.6	
130	80.8	64.6	96.8	





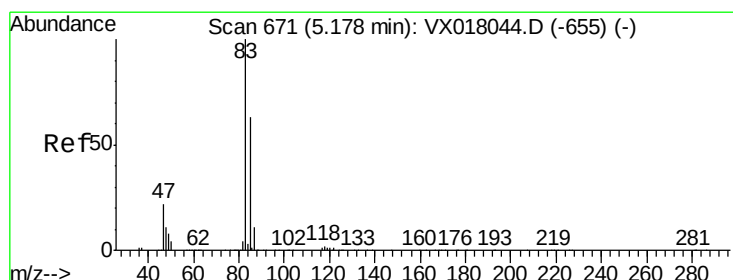
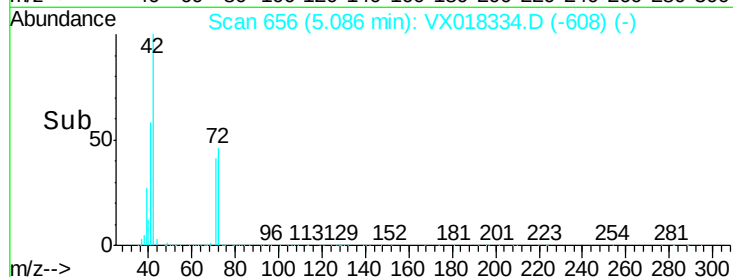
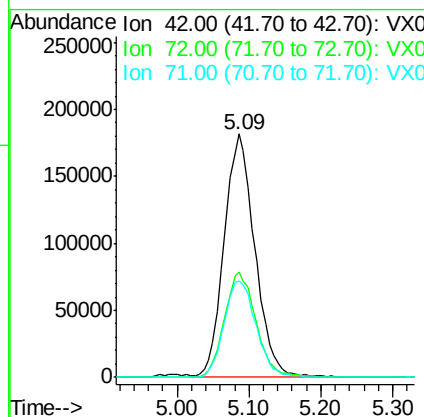
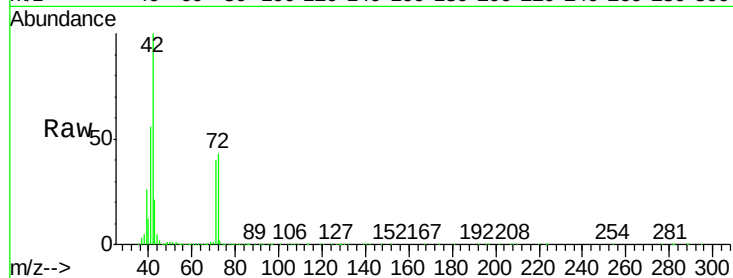
#29
Tetrahydrofuran
Concen: 230.881 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.2	51.4
71	41.5	32.1	48.1

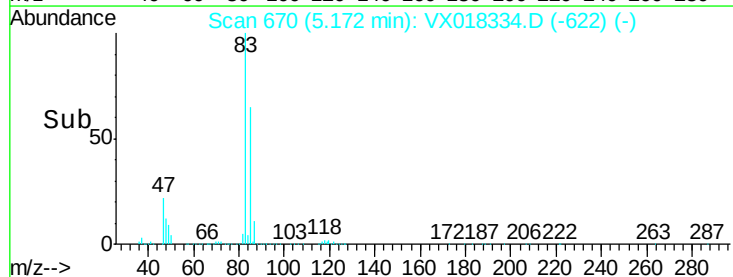
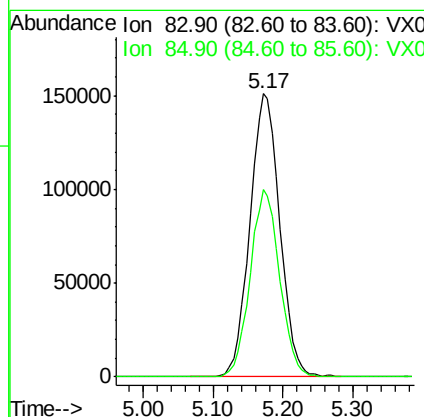
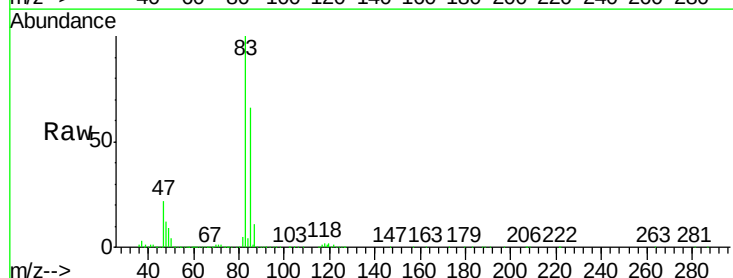
Manual Integrations
APPROVED

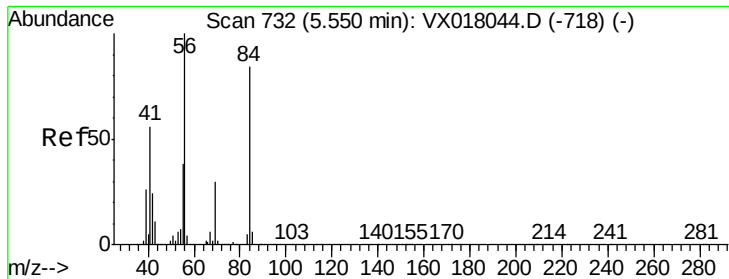
MMDadoda
9/11/2020 10:13:15 AM



#30
Chloroform
Concen: 53.407 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.7	76.1





#31

Cyclohexane

Concen: 47.795 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

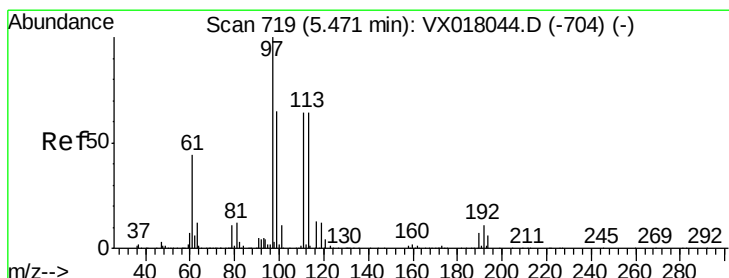
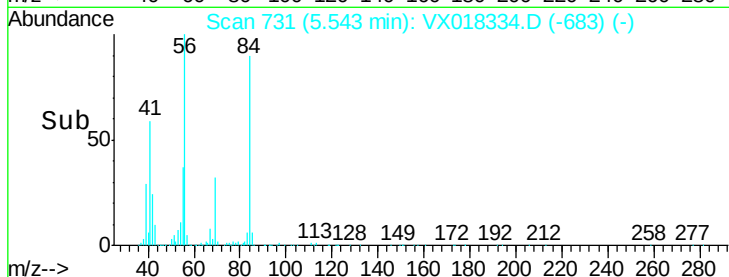
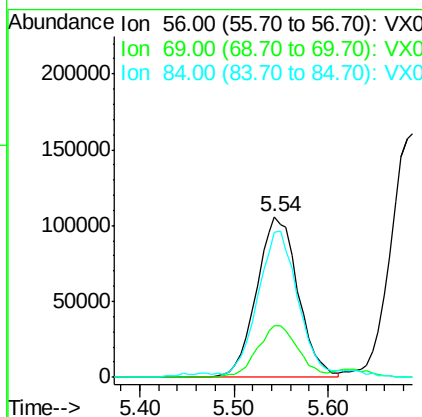
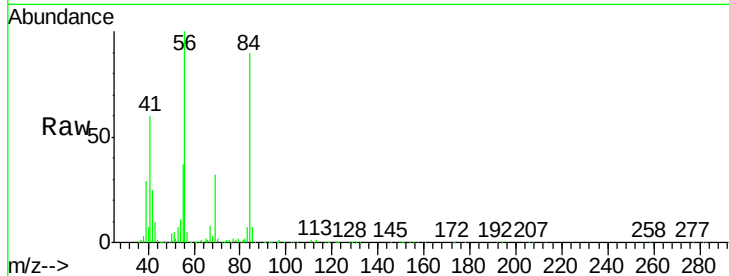
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.3	23.9	35.9	
84	88.7	67.0	100.4	

Manual Integrations
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MMDadoda
9/11/2020 10:13:15 AM



#32

1,1,1-Trichloroethane

Concen: 53.591 ug/l

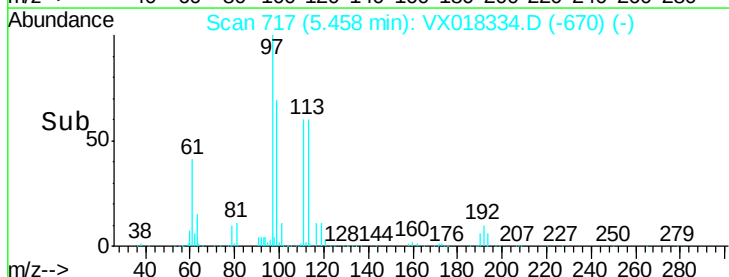
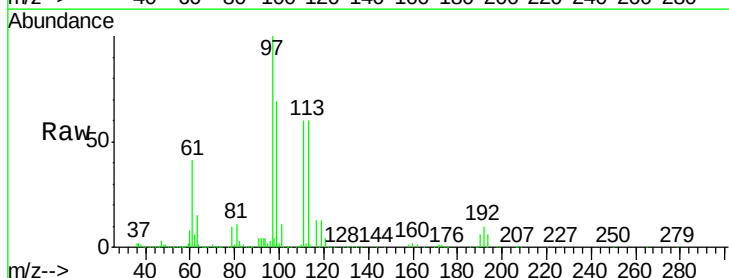
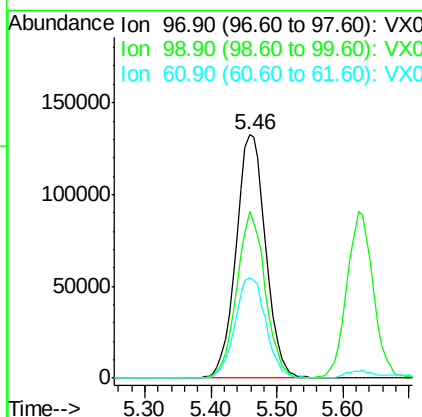
RT: 5.46 min Scan# 717

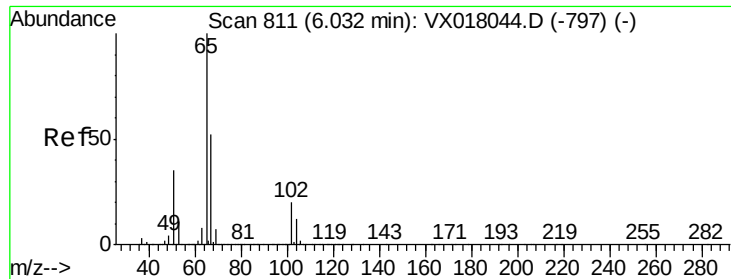
Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.6	51.4	77.0	
61	42.7	34.2	51.4	





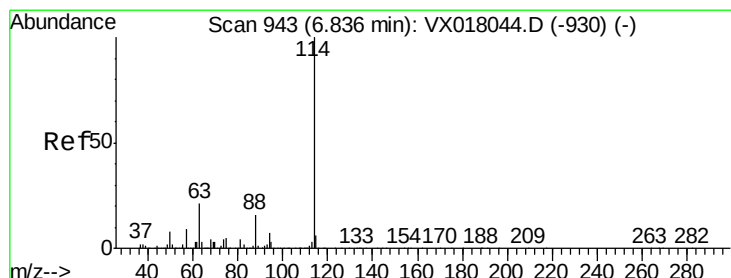
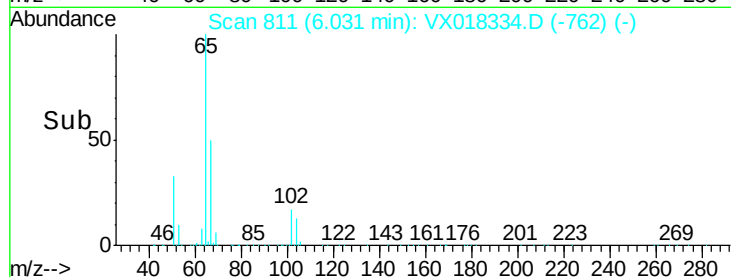
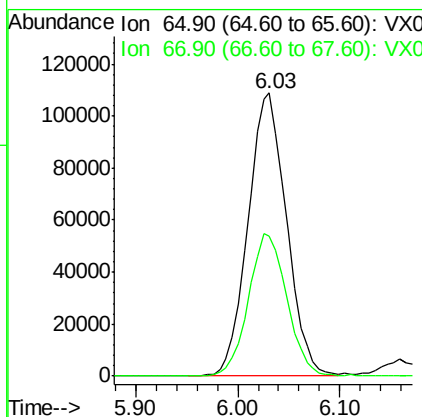
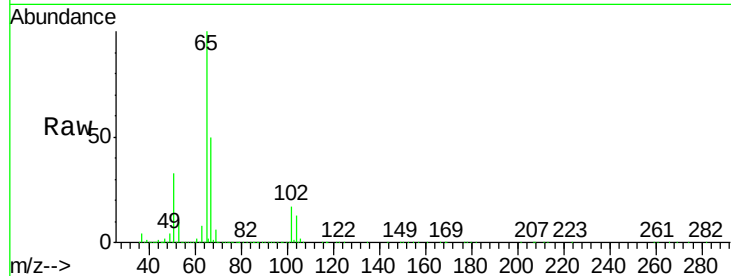
#33
 1,2-Dichloroethane-d4
 Concen: 49.982 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	284283		
67	50.6	0.0	105.8	

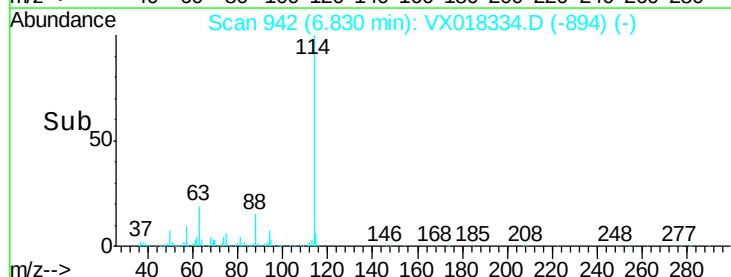
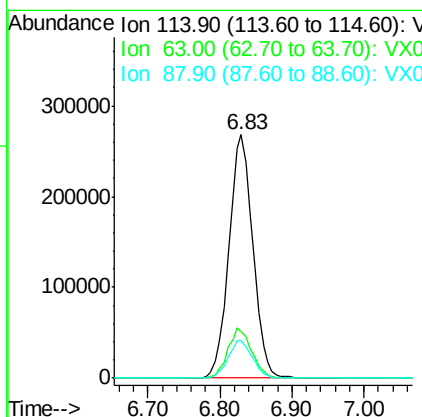
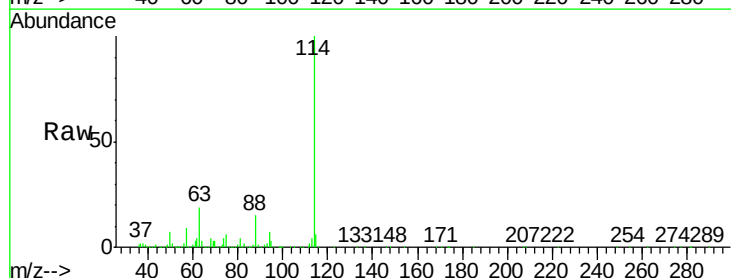
Manual Integrations
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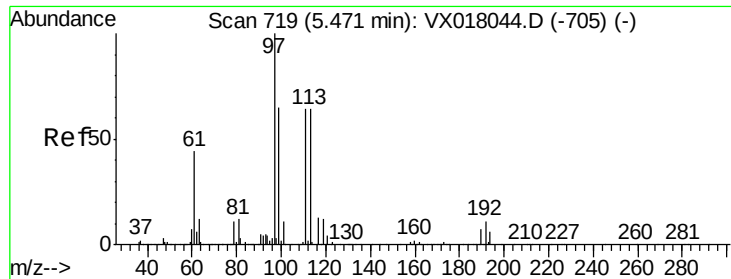
MMDadoda
 9/11/2020 10:13:15 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	619246		
63	18.8	0.0	42.6	
88	15.2	0.0	31.8	





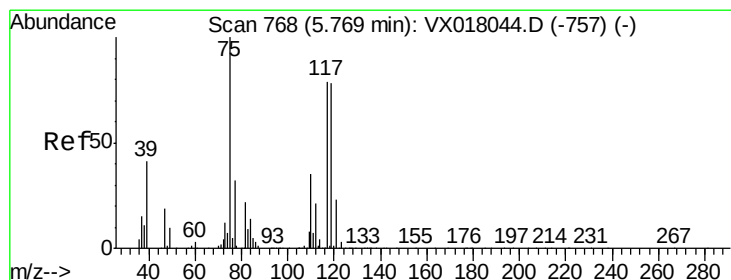
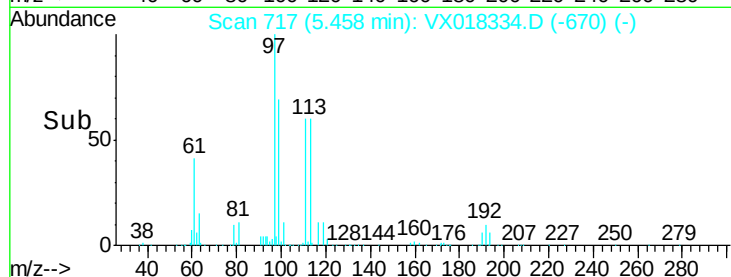
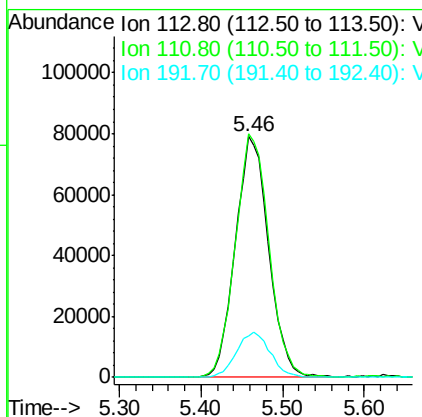
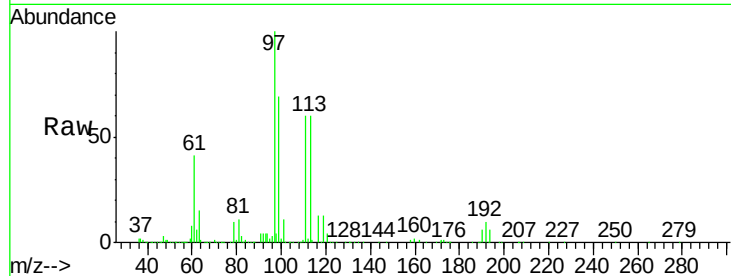
#35
Dibromofluoromethane
Concen: 52.990 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	223480		
111	102.2	81.6	122.4	
192	19.0	15.8	23.8	

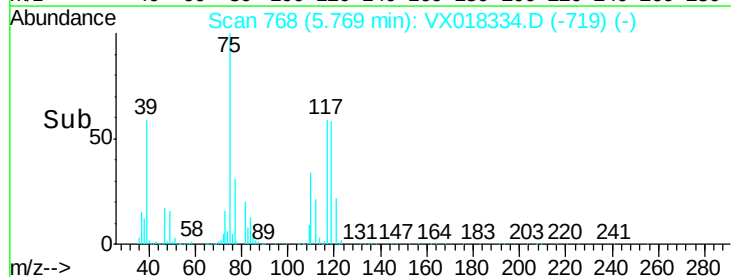
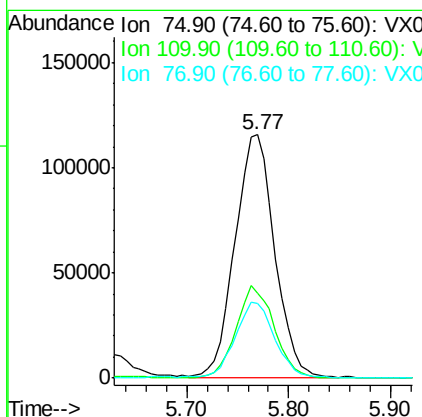
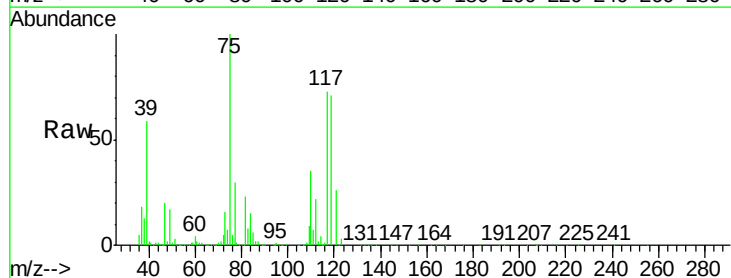
Manual Integrations
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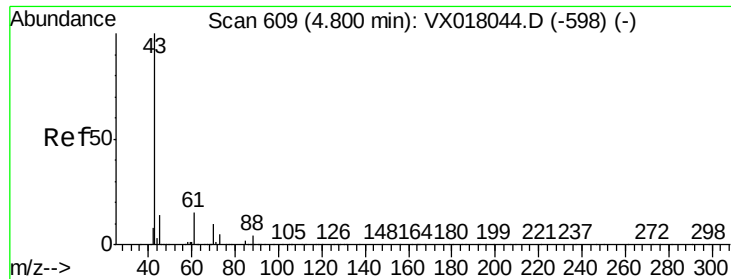
MMDadoda
9/11/2020 10:13:15 AM



#36
1,1-Dichloropropene
Concen: 54.541 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	311517		
110	36.6	18.0	54.0	
77	30.6	24.4	36.6	





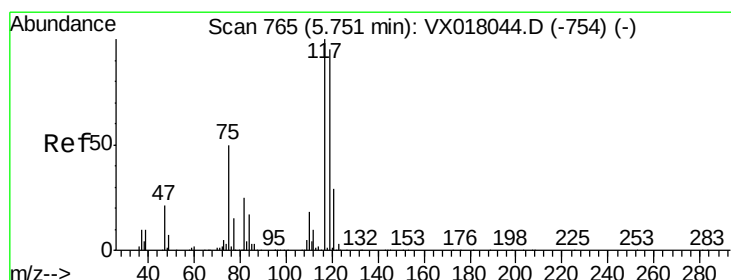
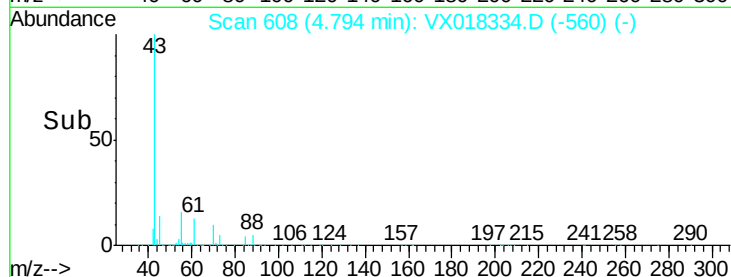
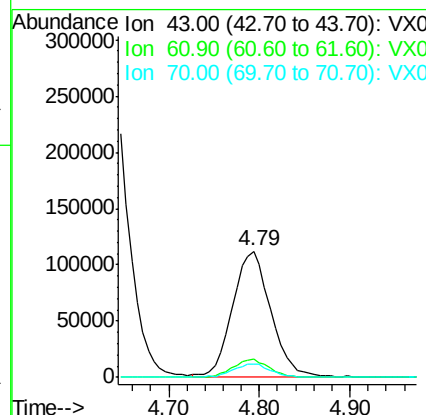
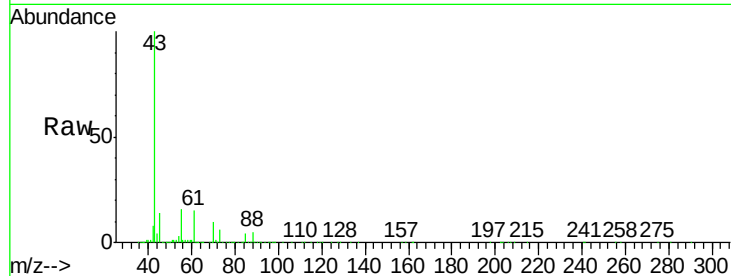
#37
Ethyl Acetate
Concen: 48.617 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	322507
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.3	16.9
70	10.7	8.2	12.4

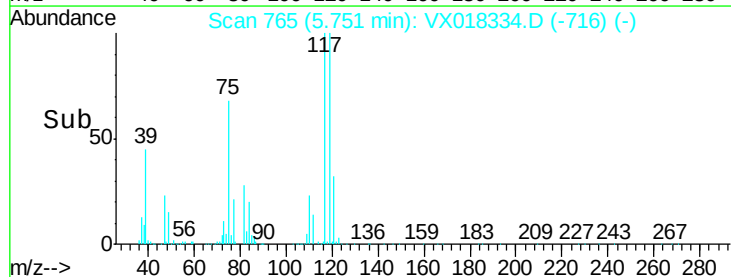
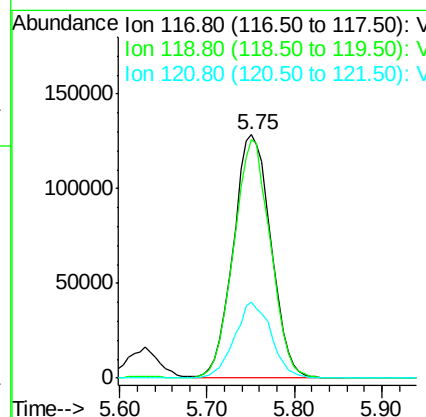
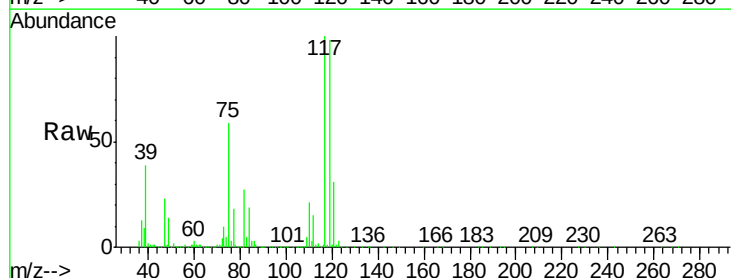
Manual Integrations
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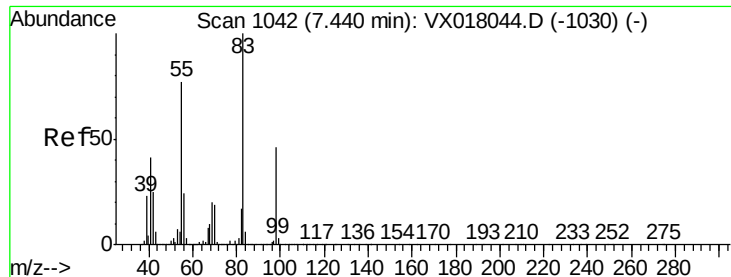
MMDadoda
9/11/2020 10:13:15 AM



#38
Carbon Tetrachloride
Concen: 59.680 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	117	Resp	384145
Ion Ratio	Lower	Upper	
117	100		
119	98.0	75.8	113.6
121	31.4	23.4	35.0





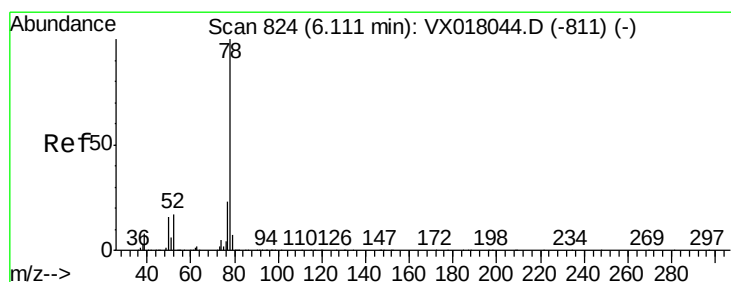
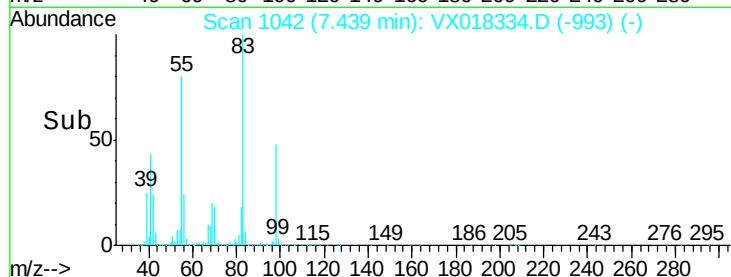
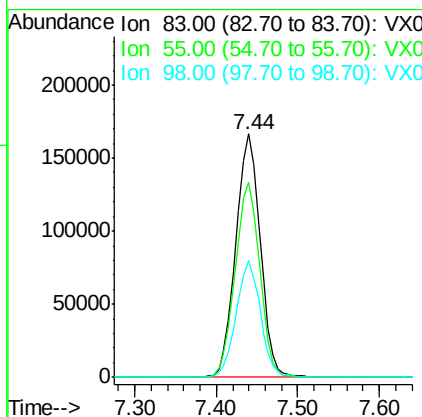
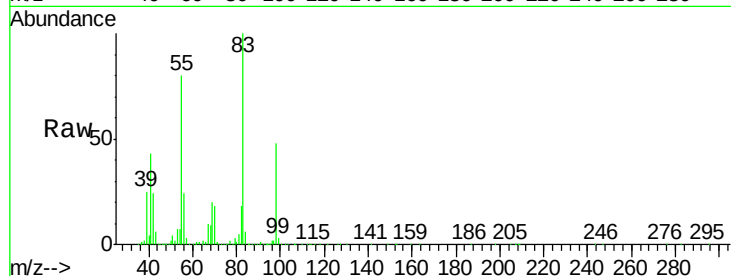
#39
Methylvlcyclohexane
Concen: 55.200 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	344750		
55	80.1	61.8	92.6	
98	47.9	36.6	55.0	

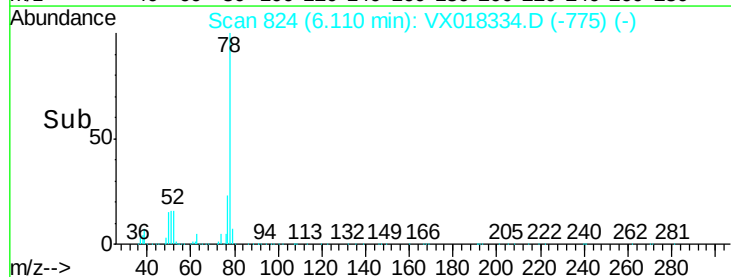
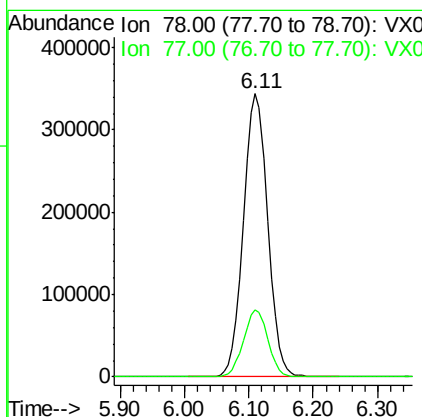
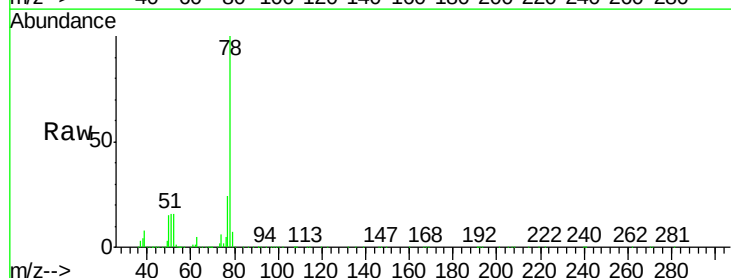
Manual Integrations
APPROVED

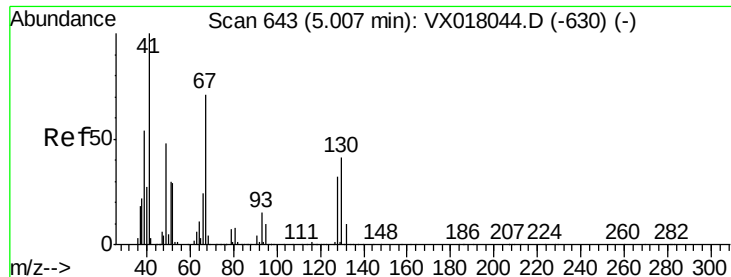
MMDadoda
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#40
Benzene
Concen: 52.852 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	887001		
77	23.7	18.2	27.2	





#41

Methacrylonitrile

Concen: 48.341 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 176077

Ion Ratio Lower Upper

41 100

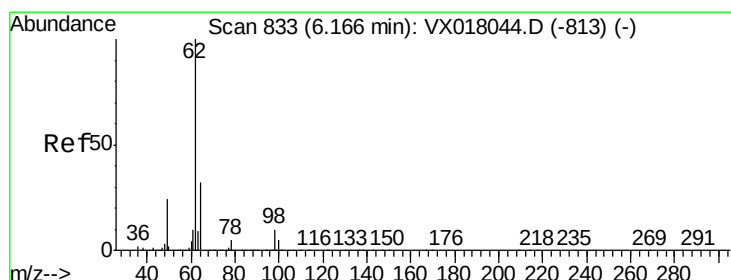
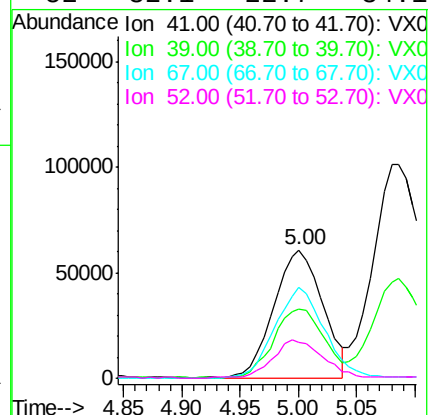
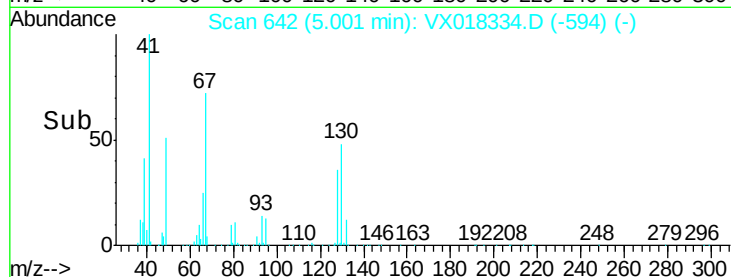
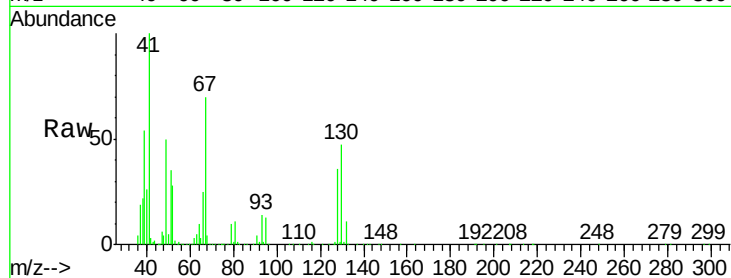
39 55.3 43.1 64.7

67 72.4 56.0 84.0

52 32.1 22.7 34.1

Manual Integrations
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9/11/2020 10:13:15 AM



#42

1,2-Dichloroethane

Concen: 57.467 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018334.D

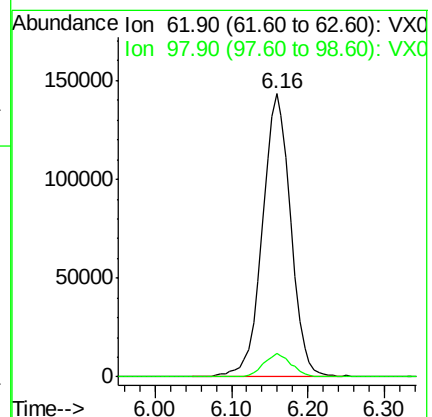
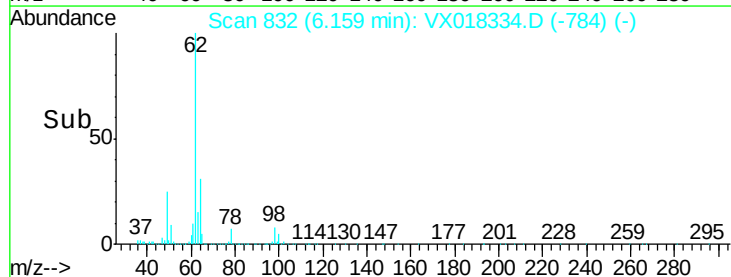
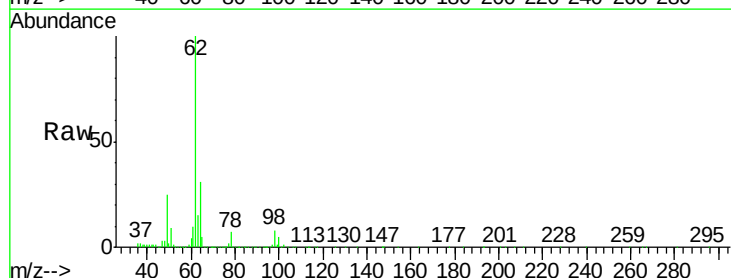
Acq: 10 Sep 2020 11:07

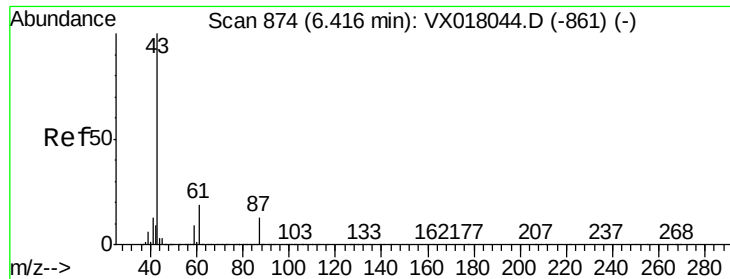
Tgt Ion: 62 Resp: 369524

Ion Ratio Lower Upper

62 100

98 8.3 0.0 18.2





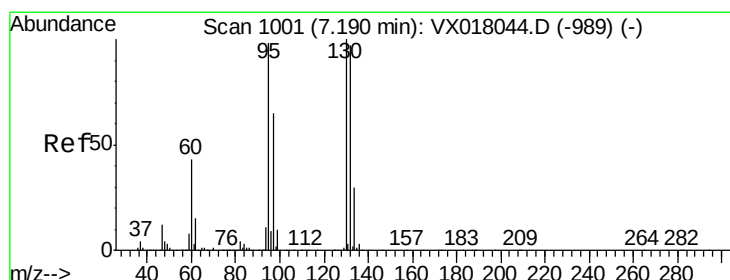
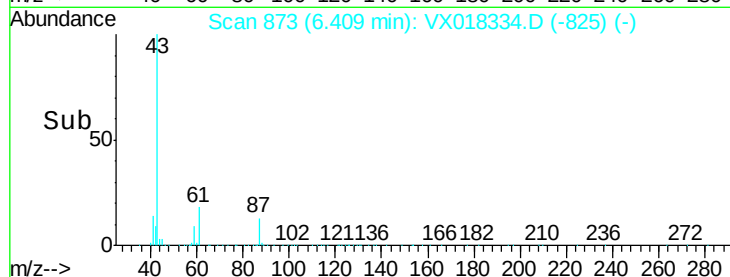
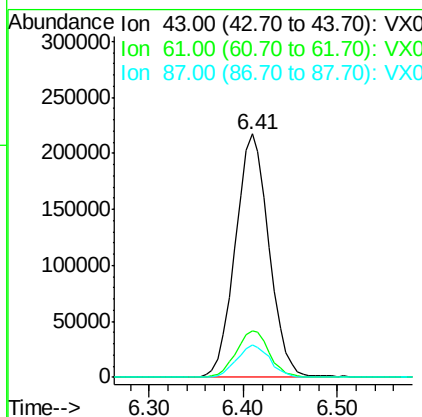
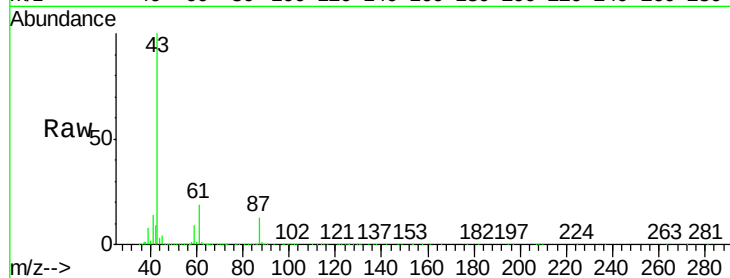
#43
Isopropyl Acetate
Concen: 50.301 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		538951		
61	19.1	15.7	23.5		
87	13.5	10.3	15.5		

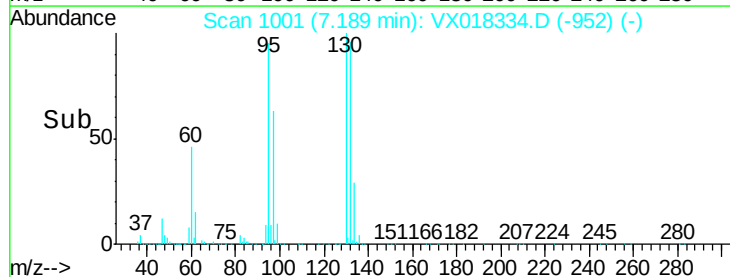
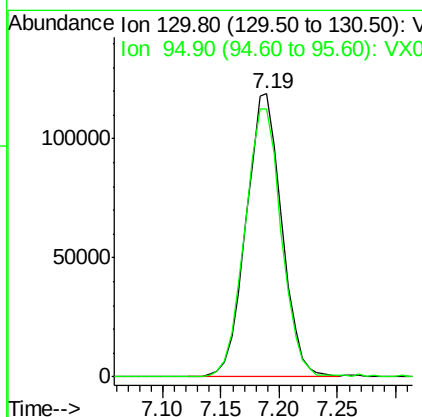
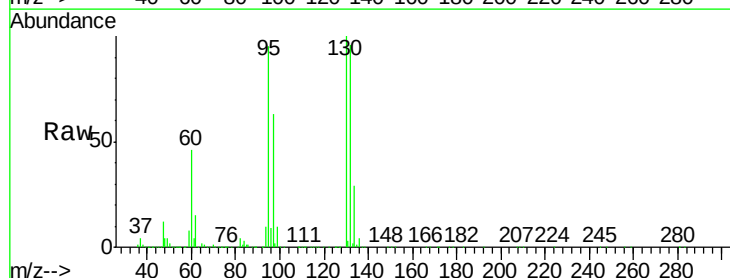
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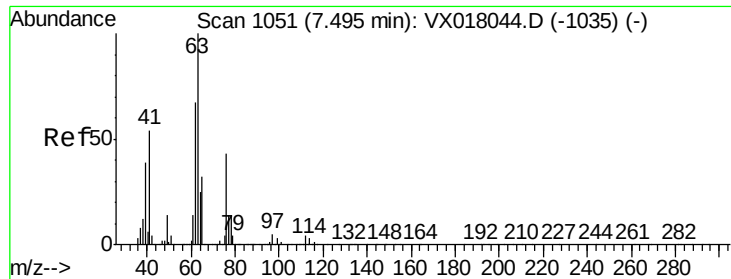
MMDadoda
9/11/2020 10:13:15 AM



#44
Trichloroethene
Concen: 53.634 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
130	100		254339		
95	94.8	0.0	196.4		





#45

1,2-Dichloropropane

Concen: 53.202 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 240646

Ion Ratio Lower Upper

63 100

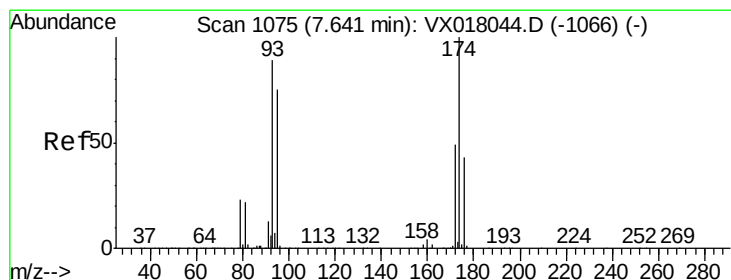
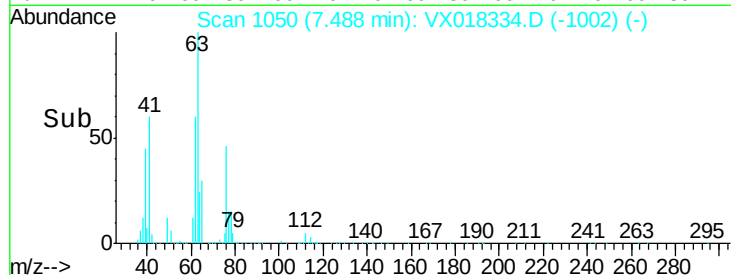
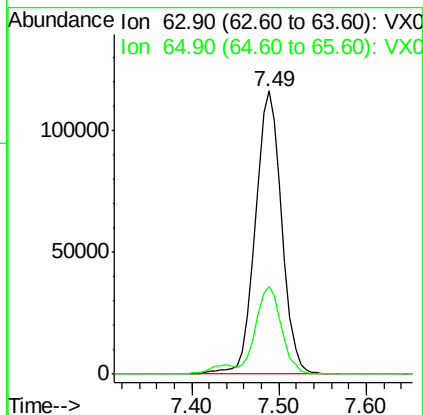
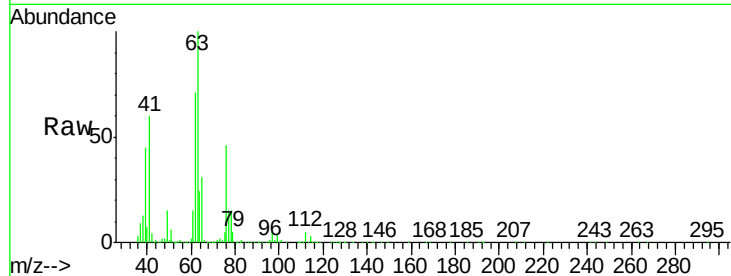
65 30.8 25.7 38.5

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#46

Dibromomethane

Concen: 54.433 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

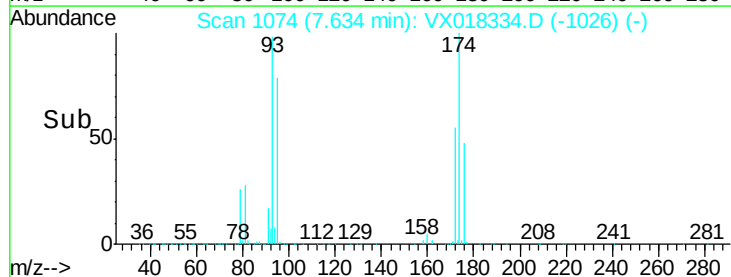
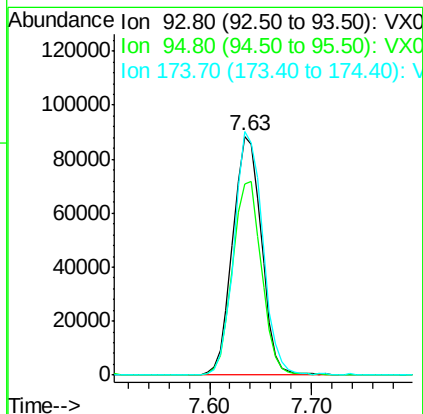
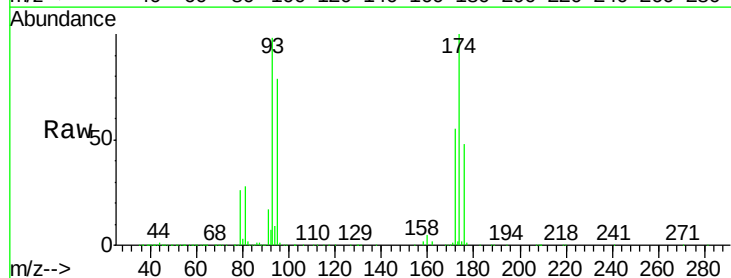
Tgt Ion: 93 Resp: 173141

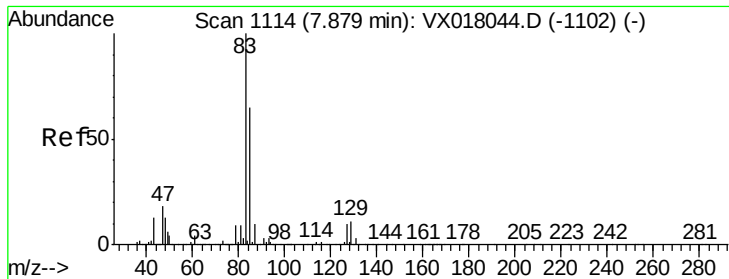
Ion Ratio Lower Upper

93 100

95 81.3 67.3 100.9

174 100.9 82.2 123.2





#47

Bromodichloromethane

Concen: 58.011 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

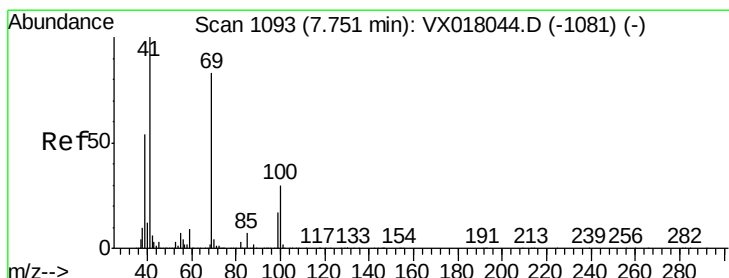
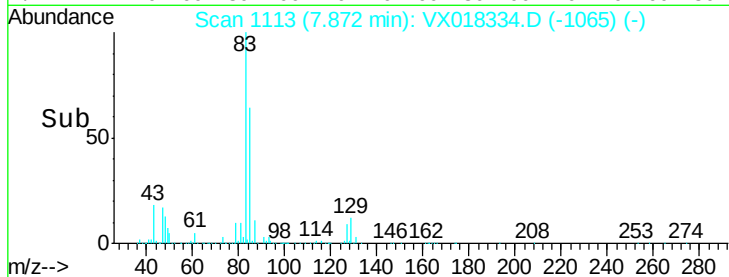
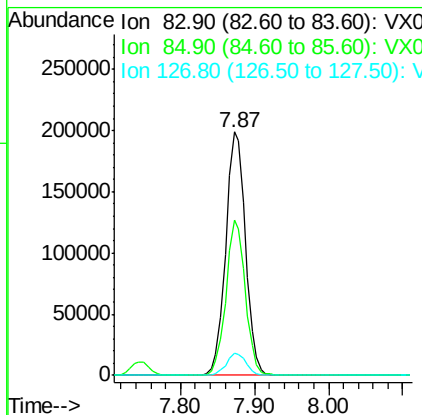
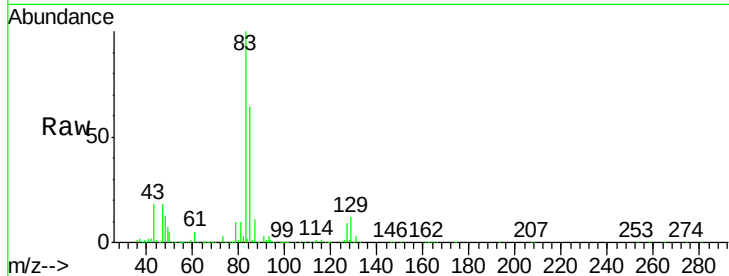
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	368440
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.8	77.6
127	9.1	7.7	11.5

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#48

Methyl methacrylate

Concen: 51.974 ug/l

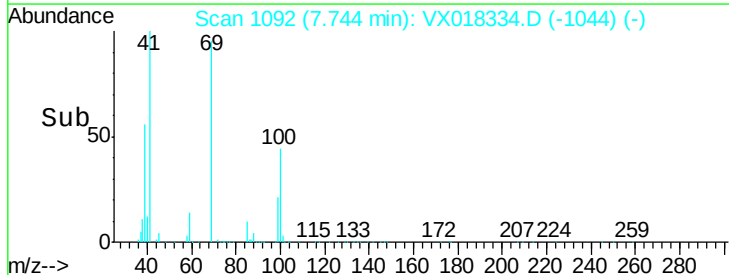
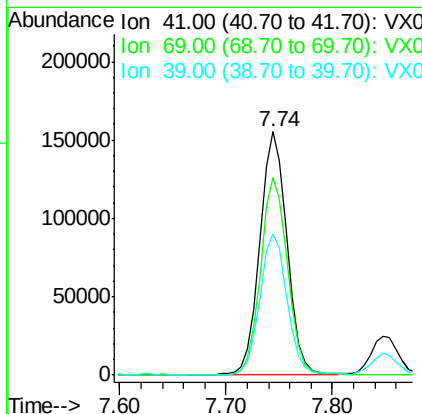
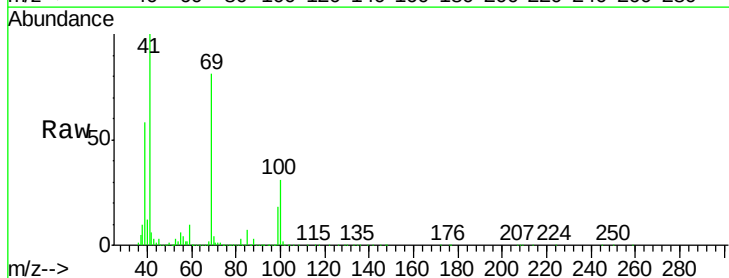
RT: 7.74 min Scan# 1092

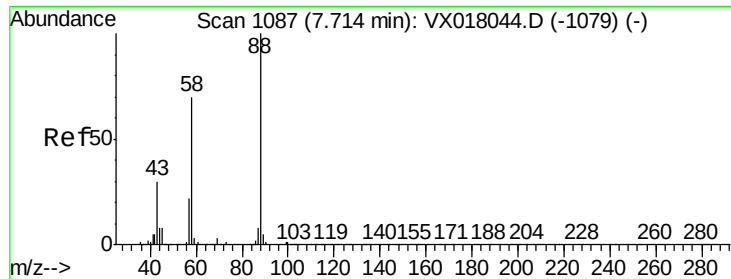
Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion:	41	Resp:	277222
Ion Ratio	Lower	Upper	
41	100		
69	81.0	65.5	98.3
39	58.2	44.5	66.7





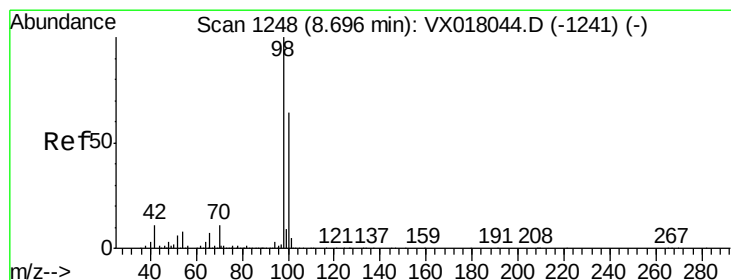
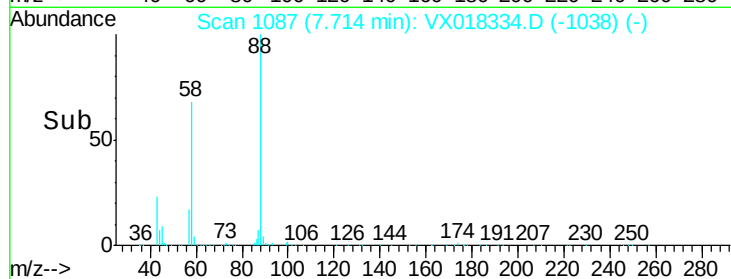
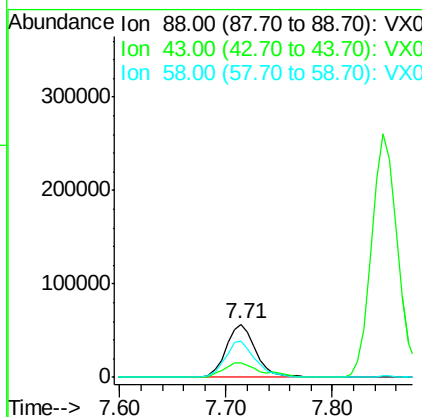
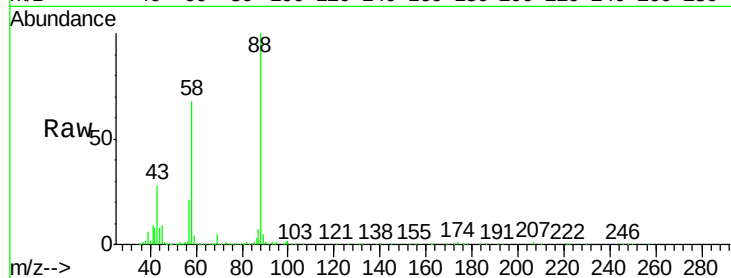
#49
1,4-Dioxane
Concen: 1135.270 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.4	41.0
58	70.1	56.4	84.6

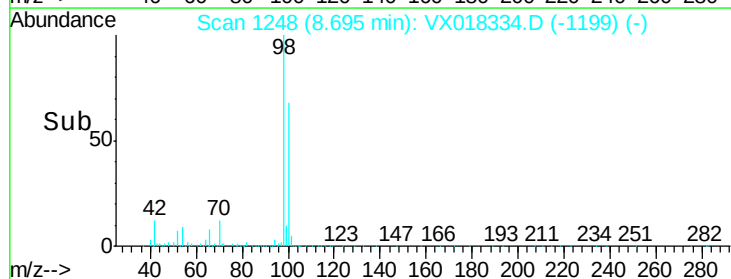
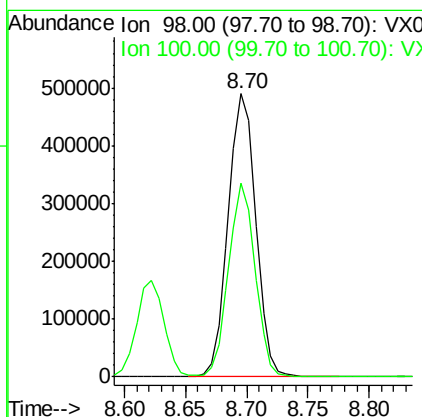
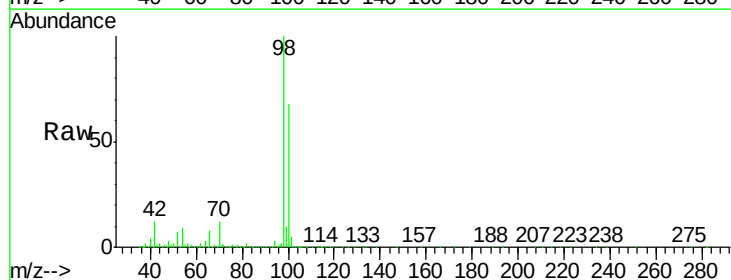
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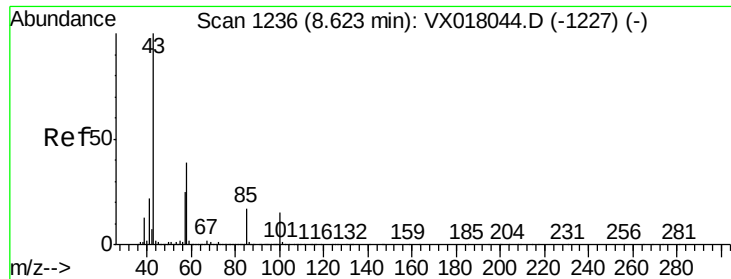
MMDadoda
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#50
Toluene-d8
Concen: 48.812 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.4





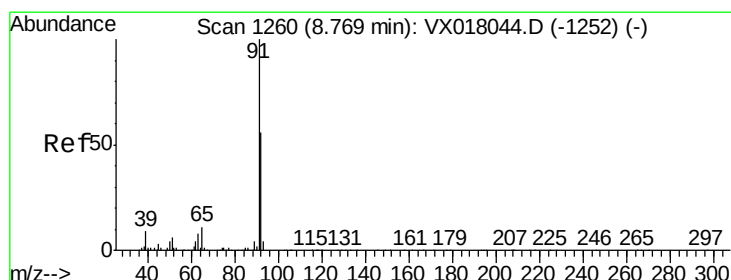
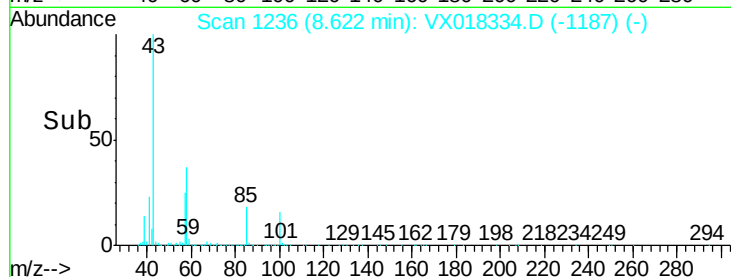
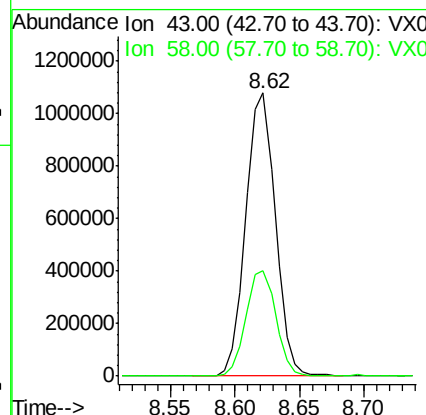
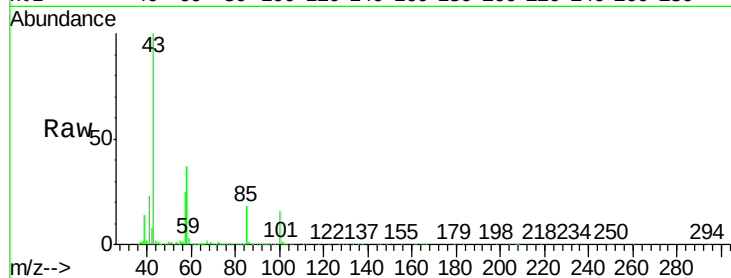
#51
4-Methyl-2-Pentanone
Concen: 258.405 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1710254
Ion Ratio Lower Upper
43 100
58 37.8 30.7 46.1

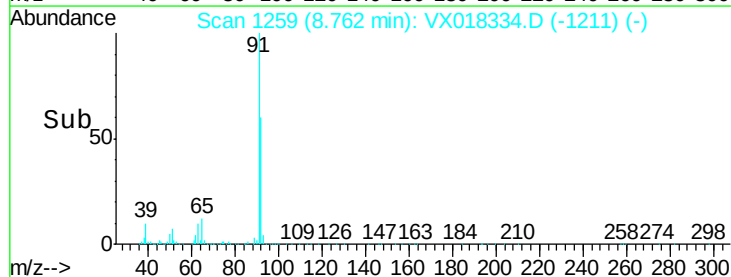
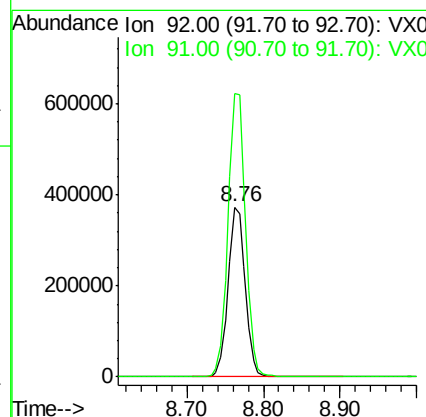
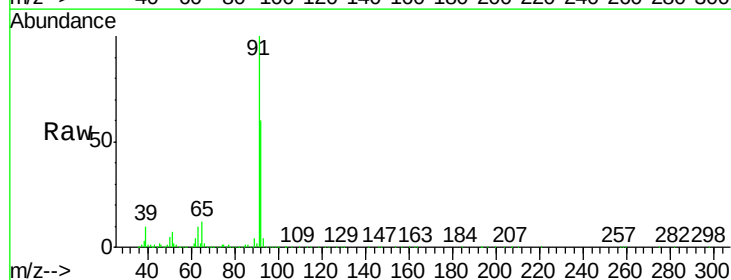
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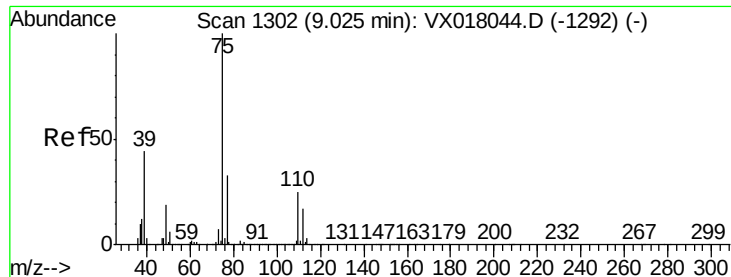
MMDadoda
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#52
Toluene
Concen: 54.090 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion: 92 Resp: 575625
Ion Ratio Lower Upper
92 100
91 170.9 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 56.181 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 395462

Ion Ratio Lower Upper

75 100

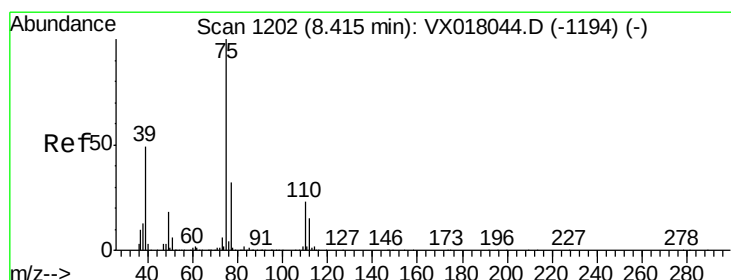
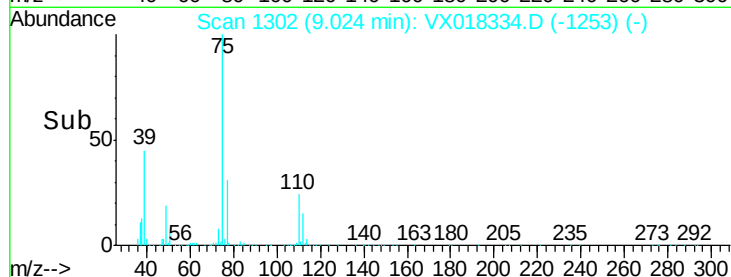
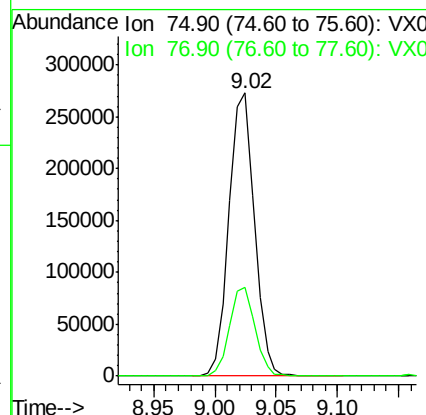
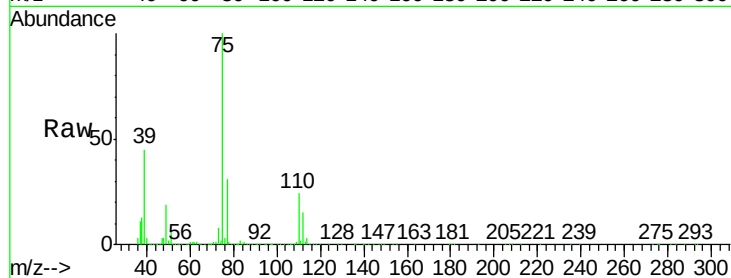
77 31.5 26.6 39.8

Manual Integrations

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9/11/2020 10:13:15 AM



#54

cis-1,3-Dichloropropene

Concen: 54.825 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

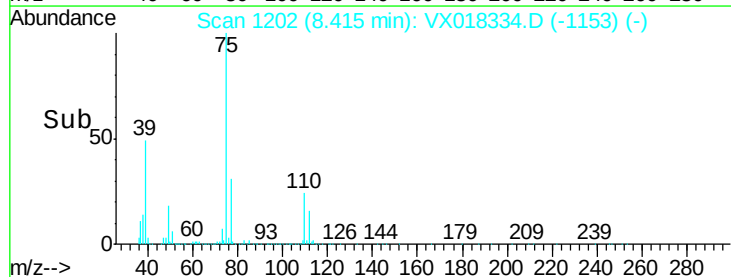
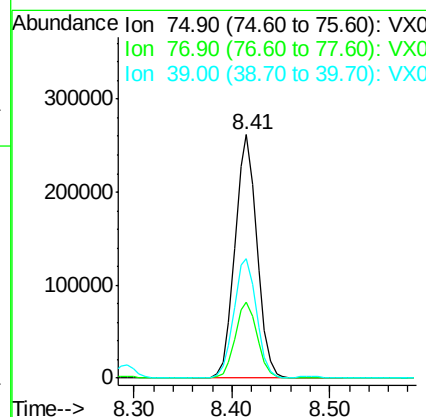
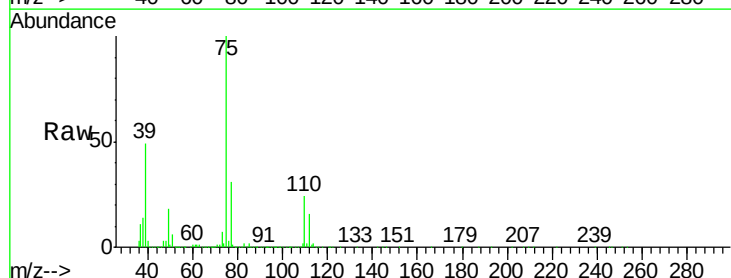
Tgt Ion: 75 Resp: 408811

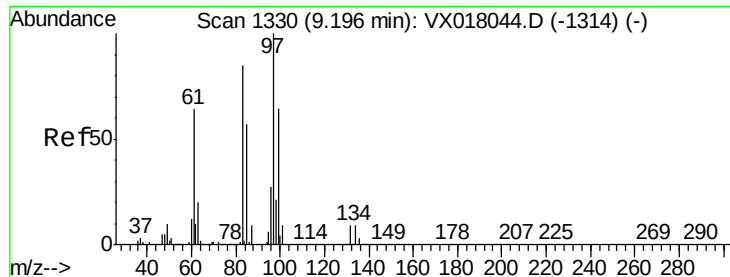
Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.8

39 48.8 38.8 58.2





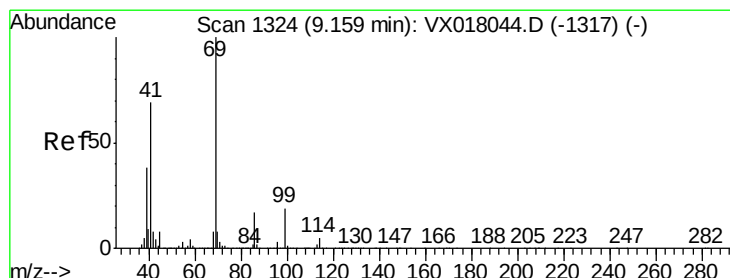
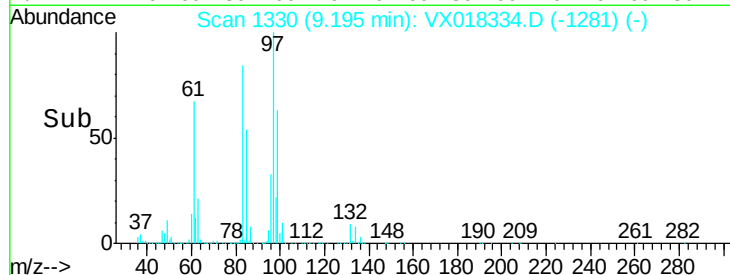
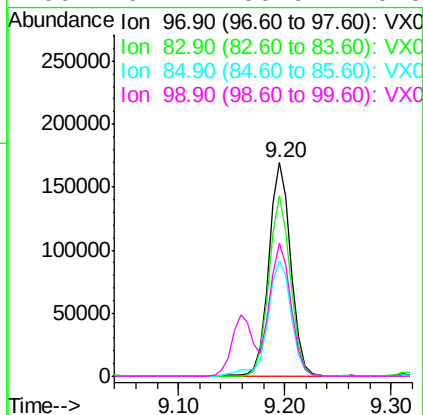
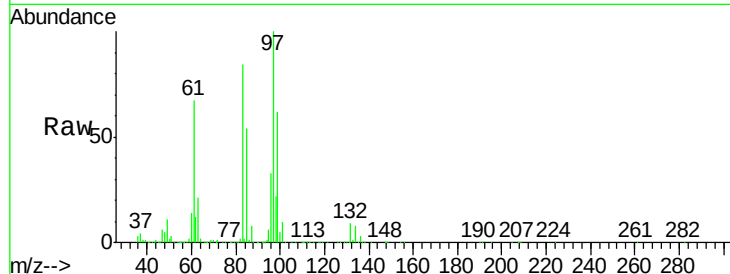
#55
 1,1,2-Trichloroethane
 Concen: 54.046 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		245300		
83	84.2	67.8	101.6		
85	53.8	45.3	67.9		
99	62.4	50.9	76.3		

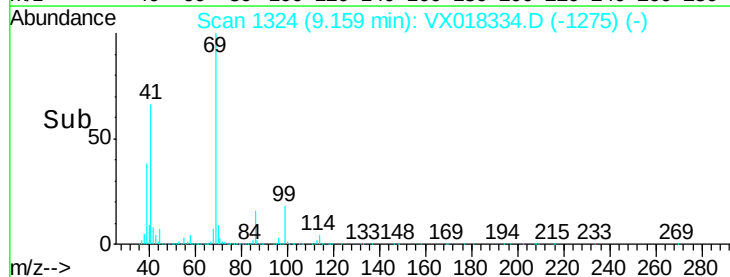
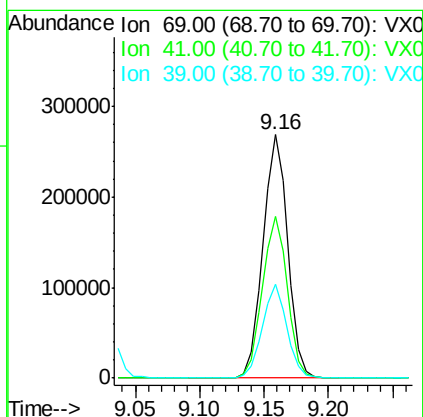
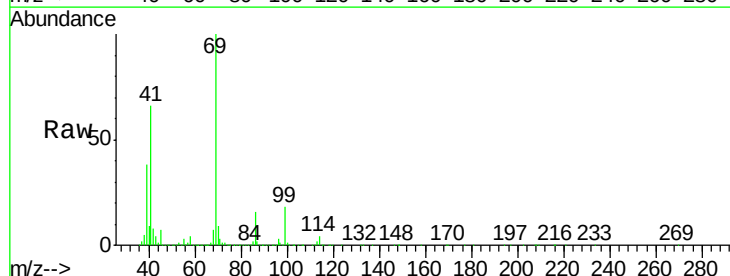
Manual Integrations
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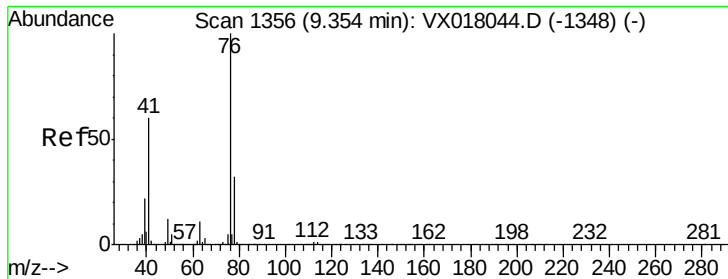
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#56
 Ethyl methacrylate
 Concen: 52.917 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		357047		
41	67.1	54.6	81.8		
39	38.2	29.1	43.7		





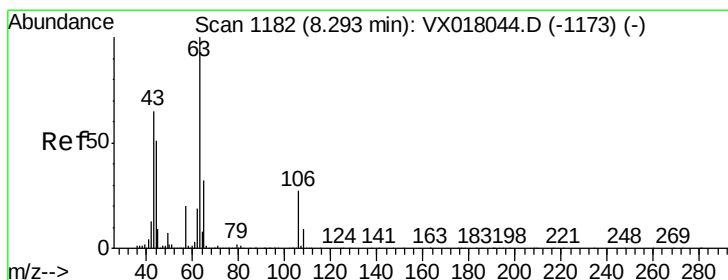
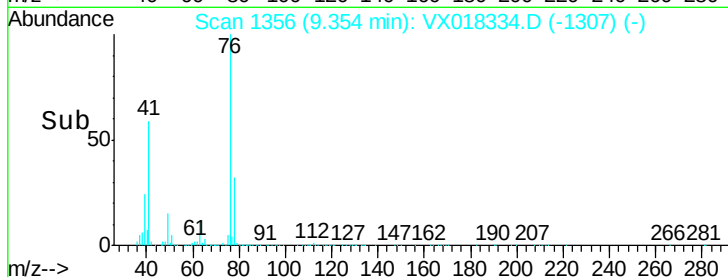
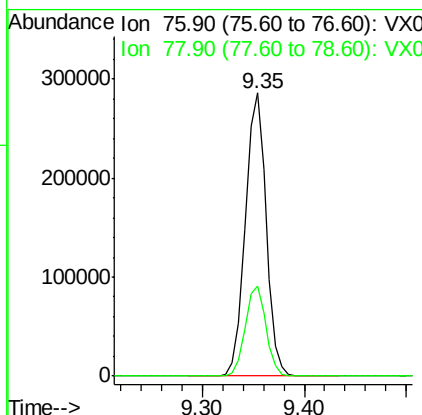
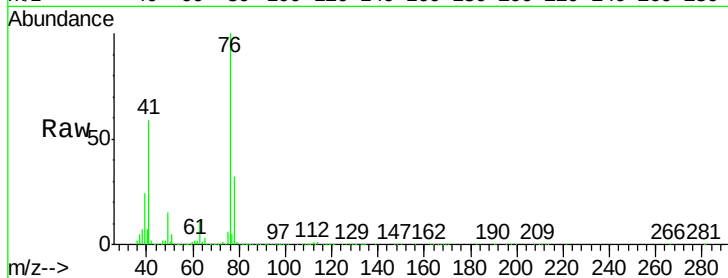
#57
 1,3-Dichloropropane
 Concen: 54.057 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.6

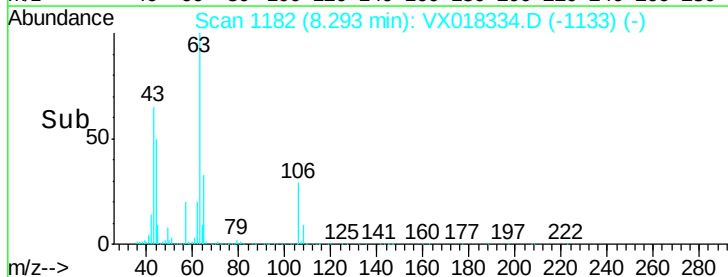
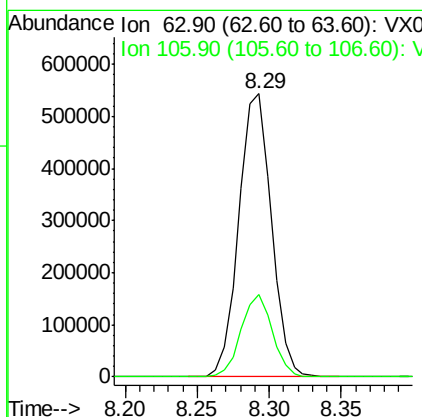
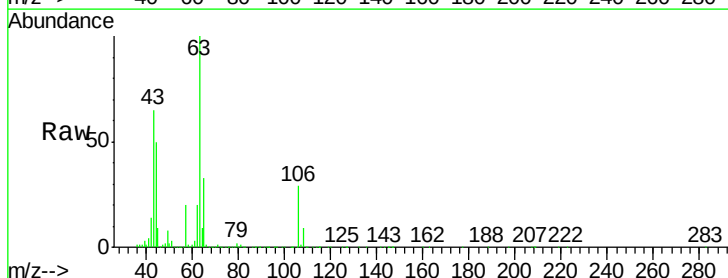
Manual Integrations
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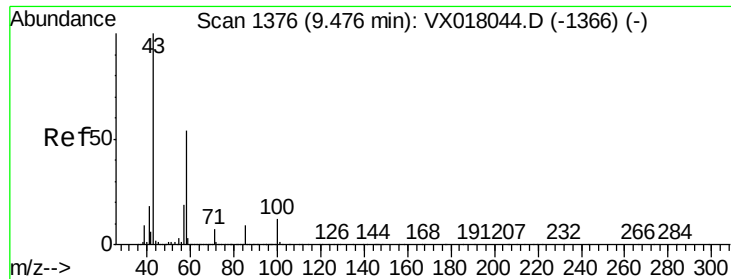
MMDadoda
 9/11/2020 10:13:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.363 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.1	33.1





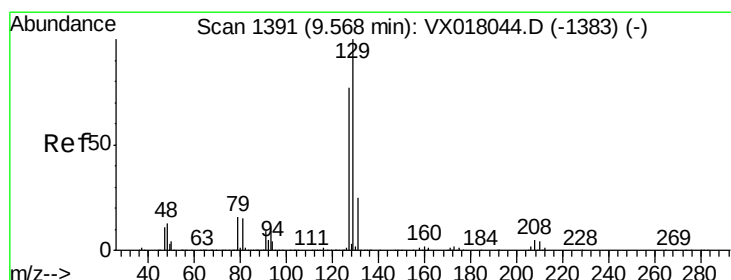
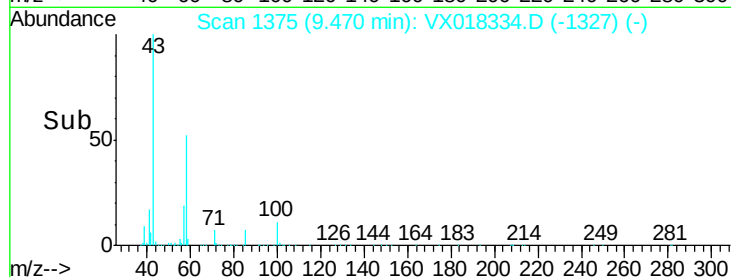
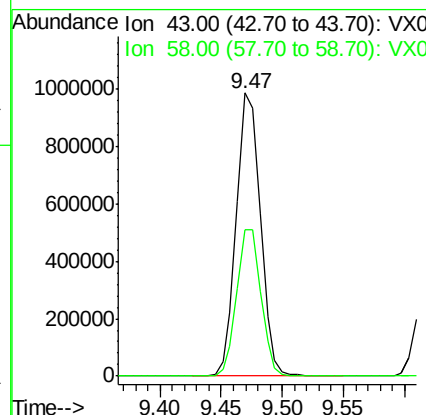
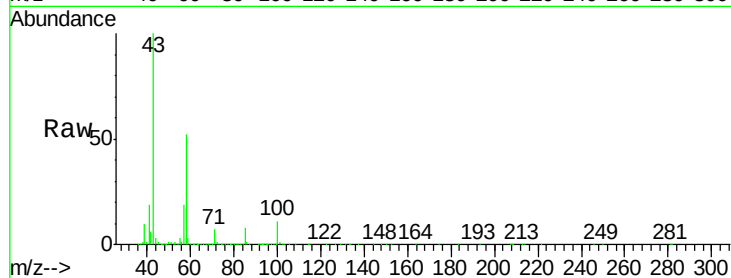
#59
2-Hexanone
Concen: 266.577 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion: 43 Resp: 1341582
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7

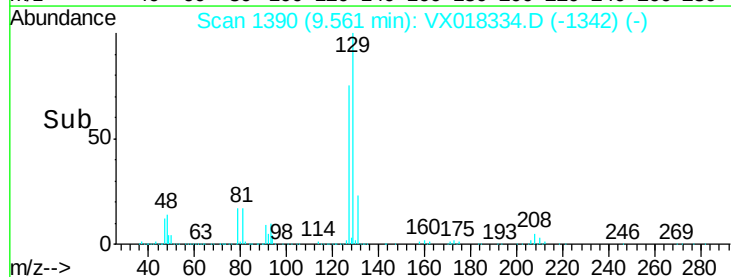
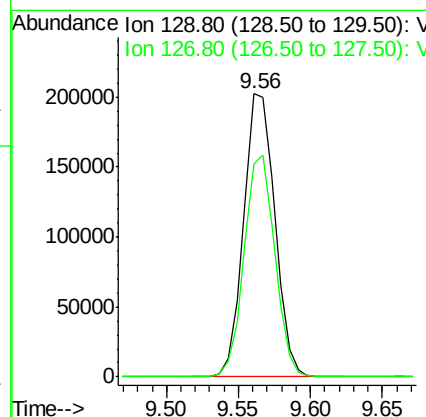
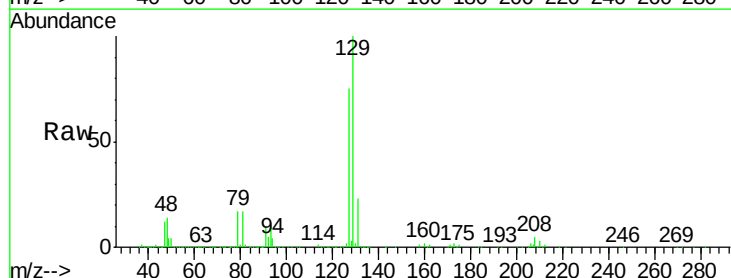
Manual Integrations
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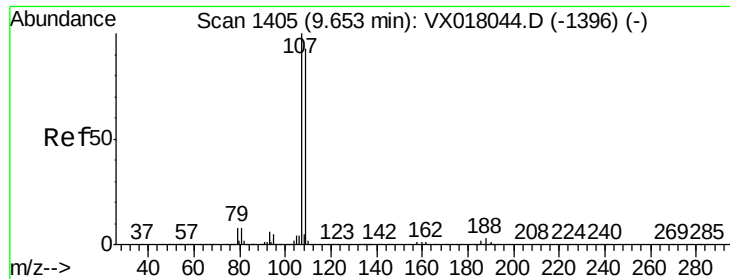
MMDadoda
9/11/2020 10:13:15 AM



#60
Dibromochloromethane
Concen: 57.189 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion: 129 Resp: 304493
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





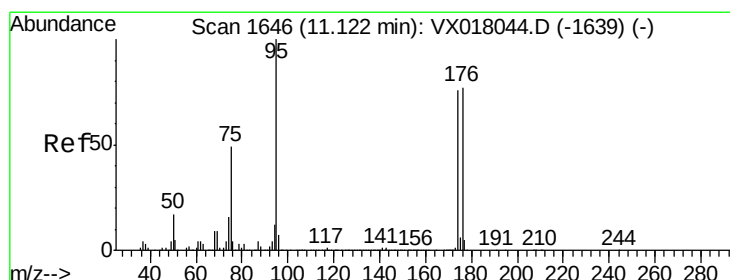
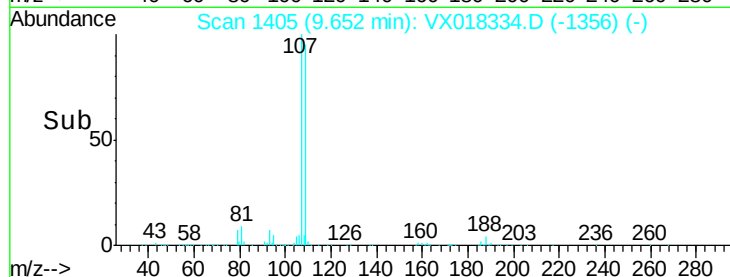
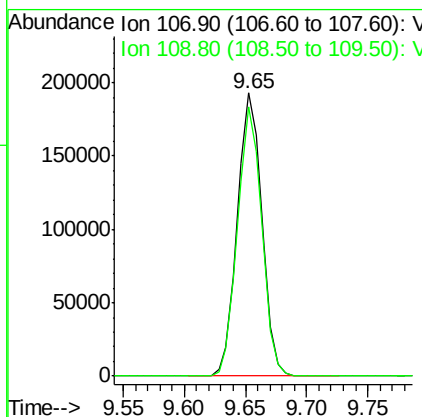
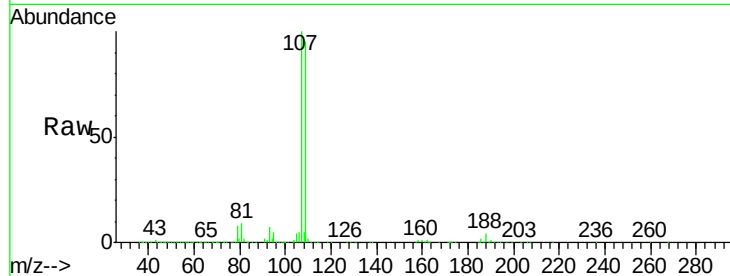
#61
 1,2-Dibromoethane
 Concen: 54.291 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	267520		
109	94.1	75.9	113.9	

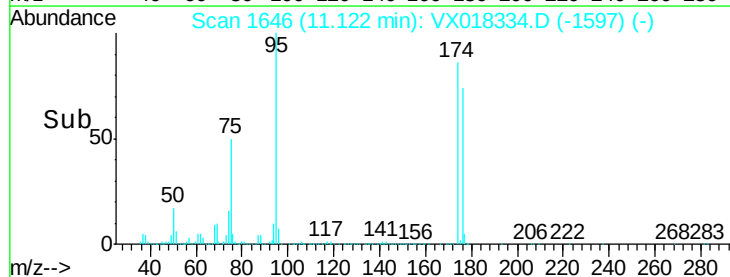
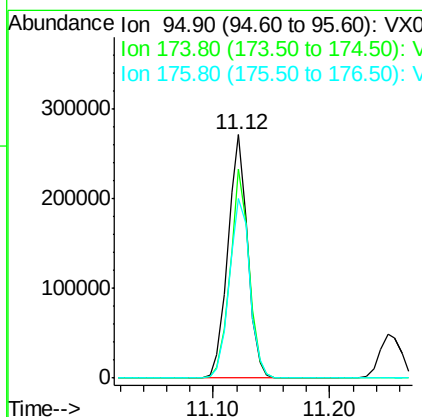
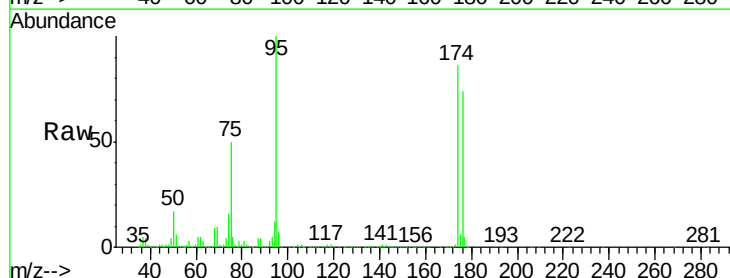
Manual Integrations
 APPROVED

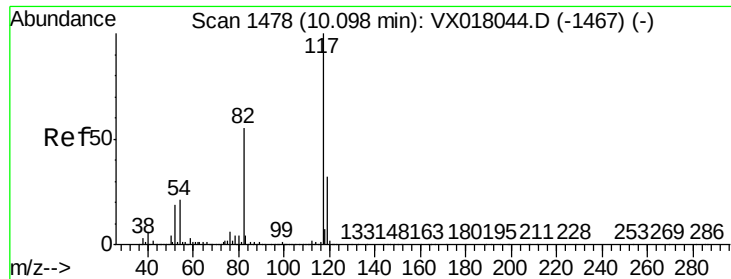
MMDadoda
 9/11/2020 10:13:15 AM



#62
 4-Bromofluorobenzene
 Concen: 51.475 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	318118		
174	82.4	0.0	160.2	
176	77.1	0.0	155.8	





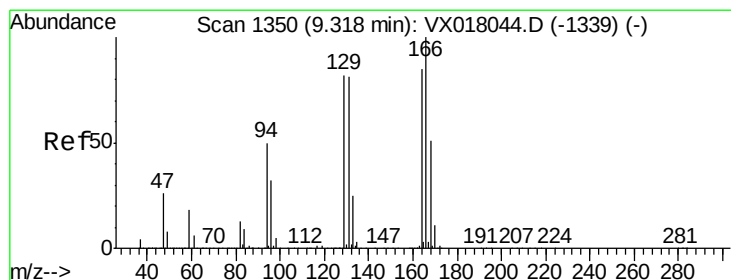
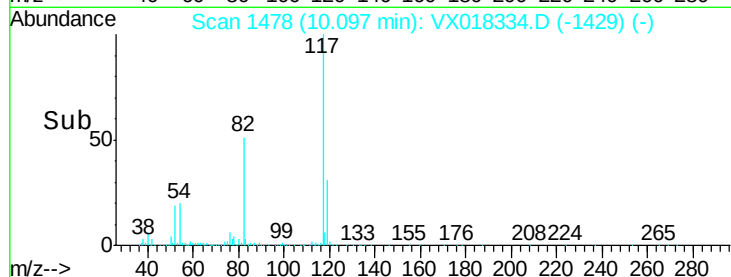
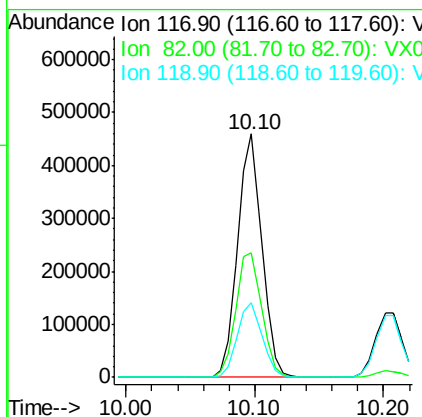
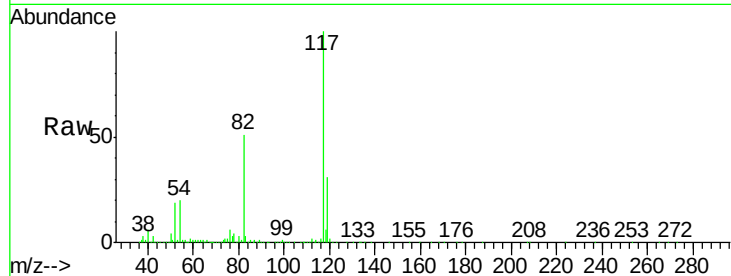
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	602584		
82	51.3		44.2	66.2
119	30.8		25.7	38.5

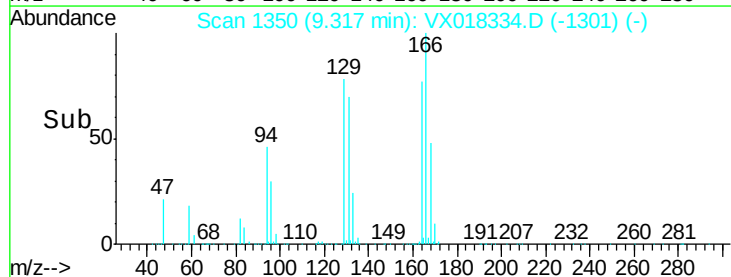
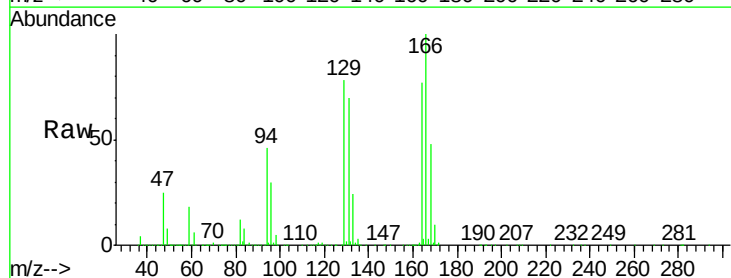
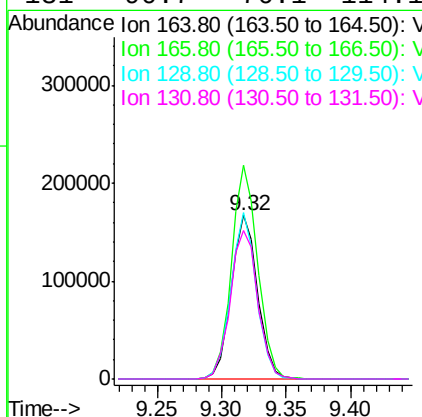
Manual Integrations
APPROVED

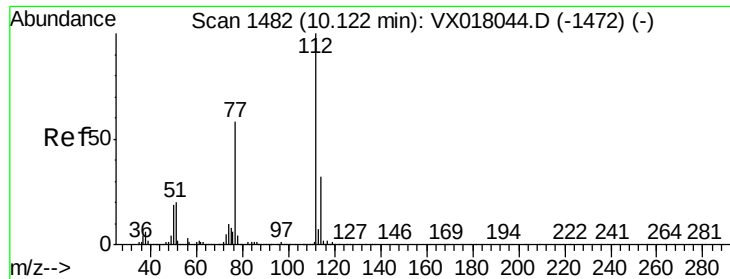
MMDadoda
9/11/2020 10:13:15 AM



#64
Tetrachloroethene
Concen: 54.053 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	239354		
166	130.4		94.2	141.2
129	101.9		76.9	115.3
131	90.7		76.1	114.1





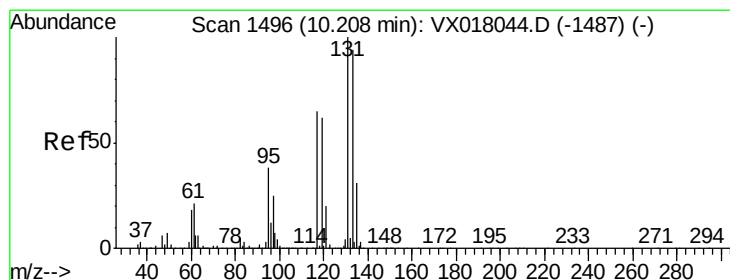
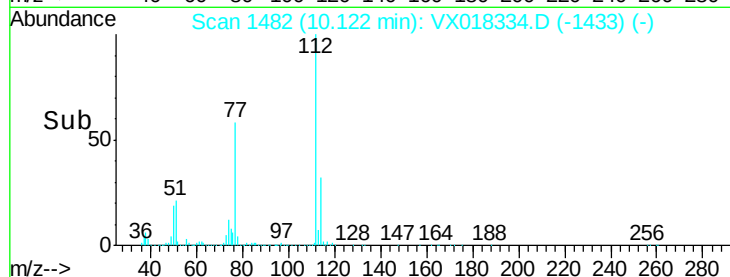
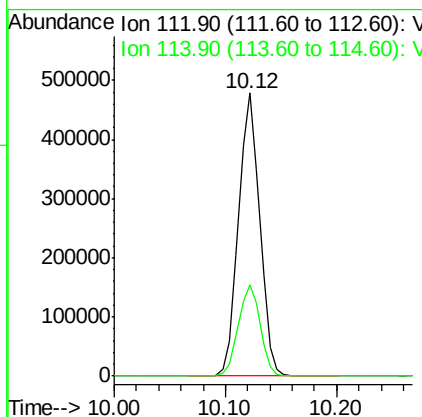
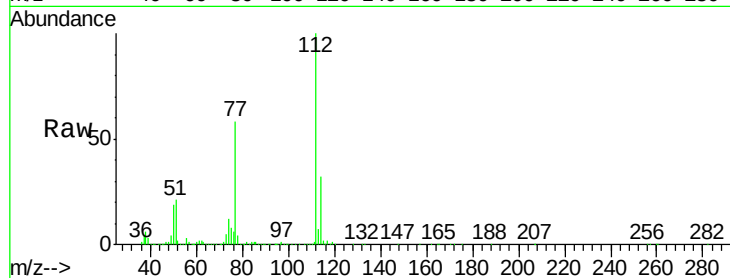
#65
Chlorobenzene
Concen: 52.731 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5

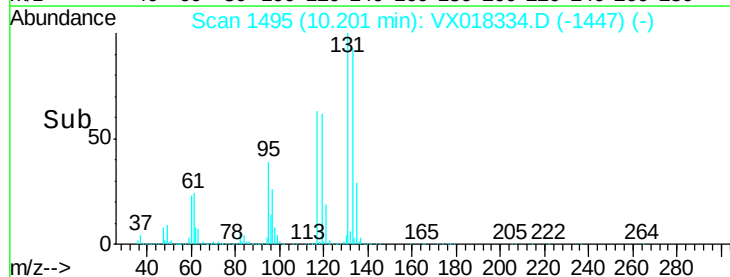
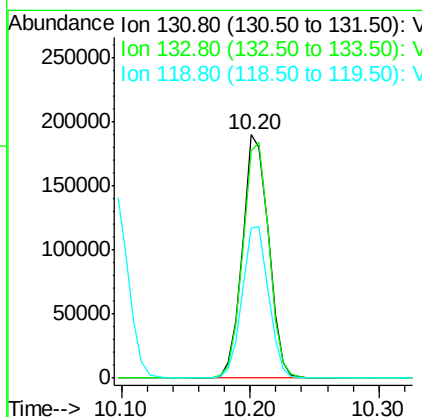
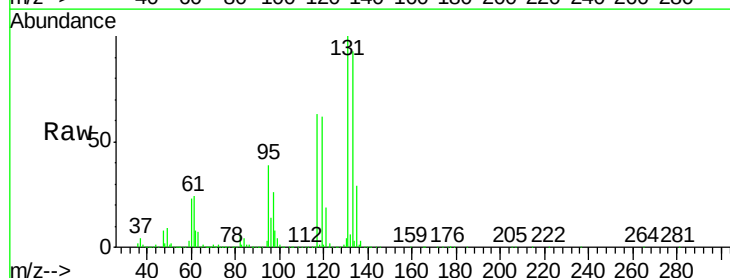
Manual Integrations
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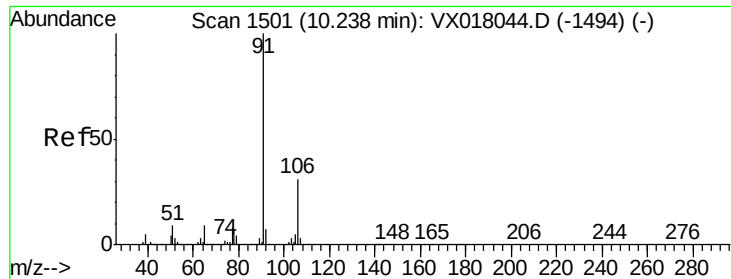
MMDadoda
9/11/2020 10:13:15 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.754 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	46.7	140.1
119	63.1	31.8	95.4





#67

Ethyl Benzene

Concen: 55.260 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1130978

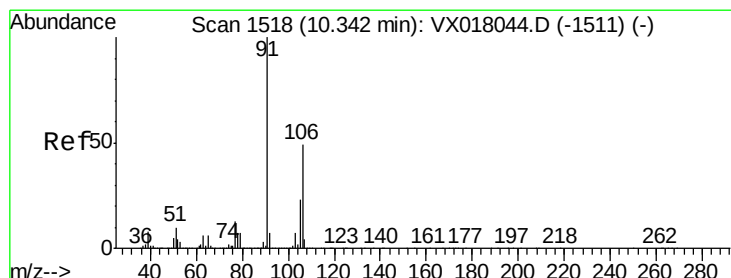
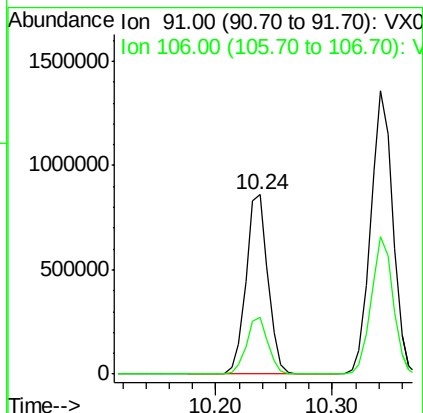
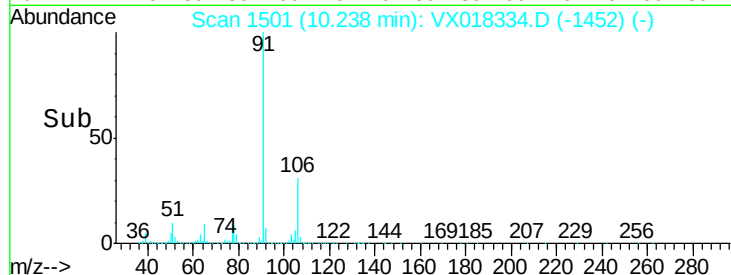
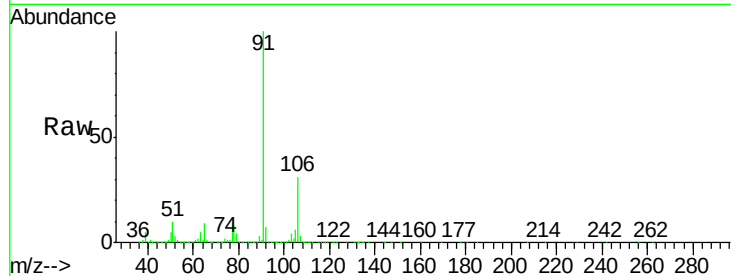
Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:15 AM



#68

m/p-Xylenes

Concen: 112.746 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018334.D

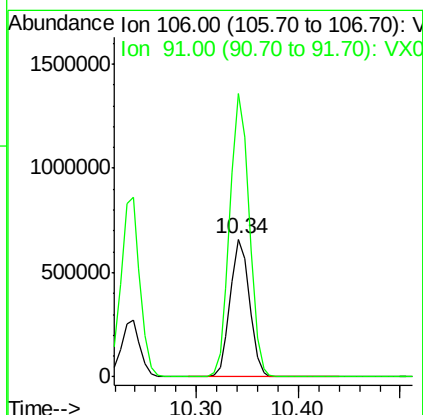
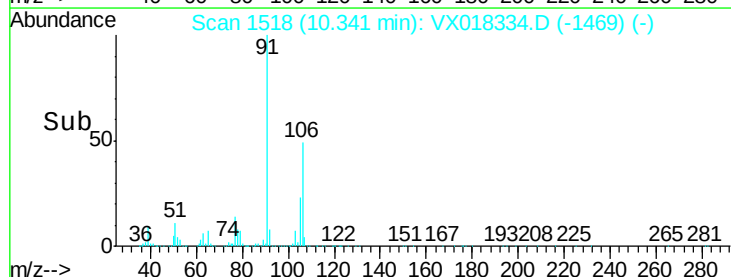
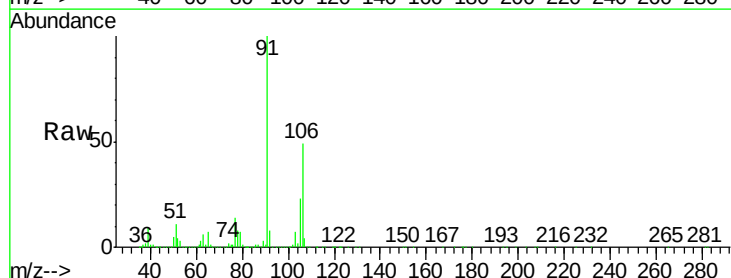
Acq: 10 Sep 2020 11:07

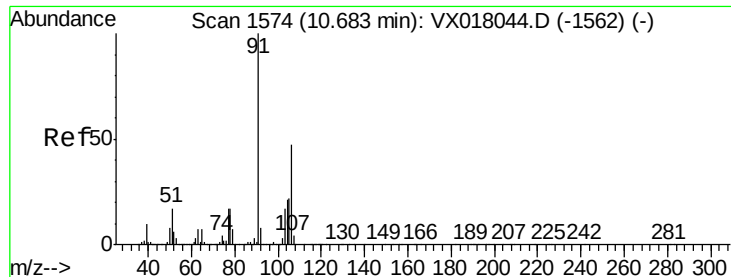
Tgt Ion: 106 Resp: 861276

Ion Ratio Lower Upper

106 100

91 207.7 162.2 243.2





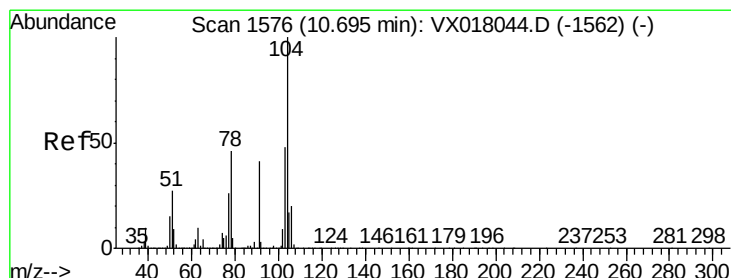
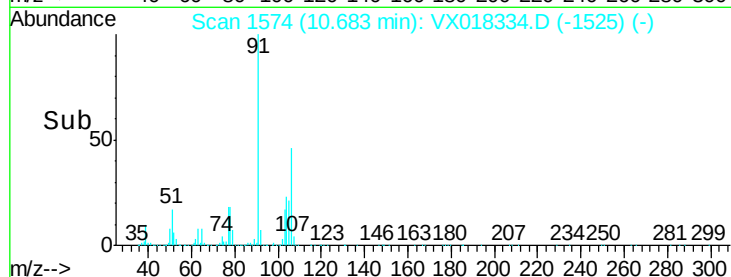
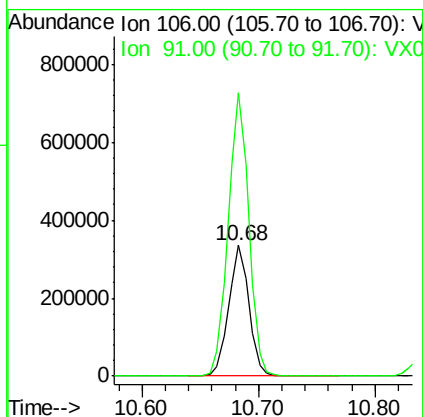
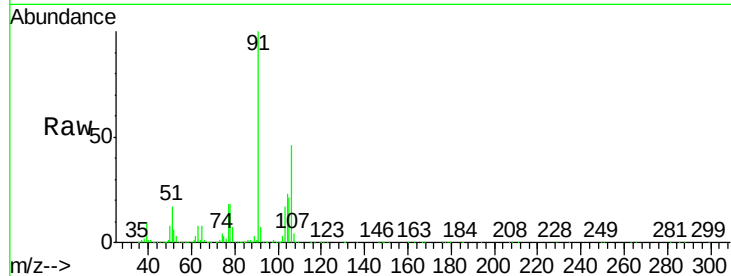
#69
o-Xylene
Concen: 54.853 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	406198		
91	219.8	107.1	321.3	

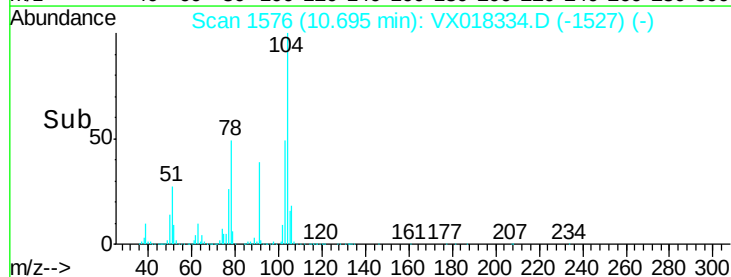
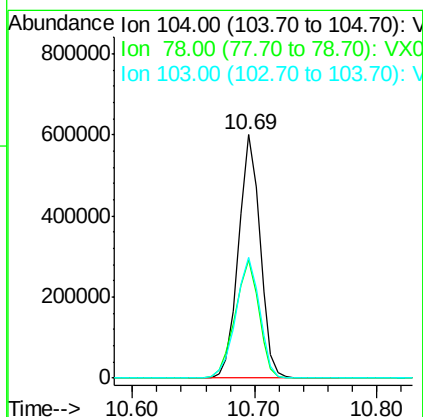
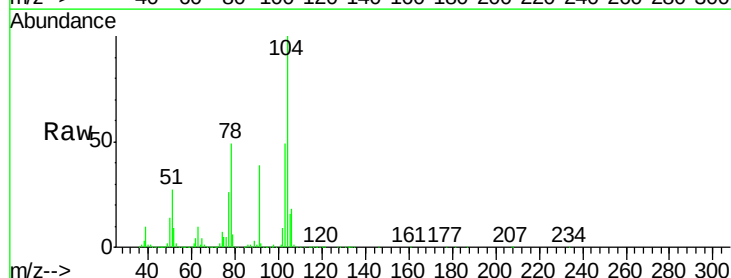
Manual Integrations
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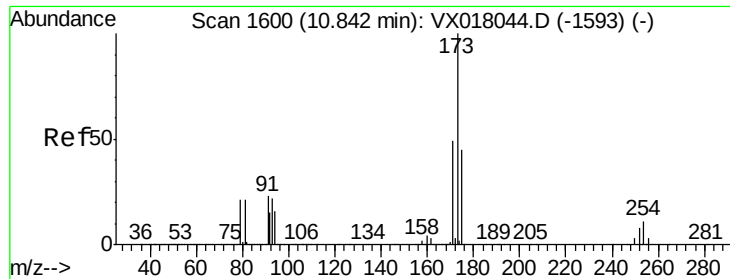
MMDadoda
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#70
Styrene
Concen: 57.888 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	730027		
78	53.9	40.9	61.3	
103	54.6	43.6	65.4	





#71

Bromoform

Concen: 58.969 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 238583

Ion Ratio Lower Upper

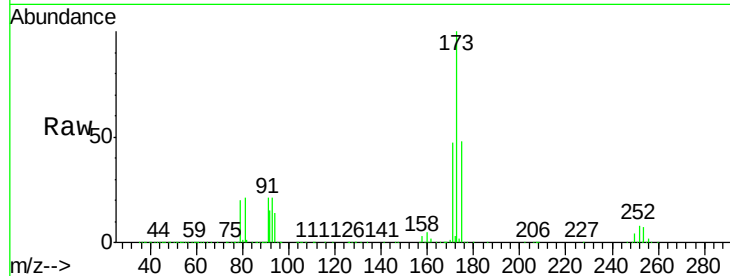
173 100

175 47.0 23.9 71.8

254 0.2 0.2 0.2#

Manual Integrations
APPROVED

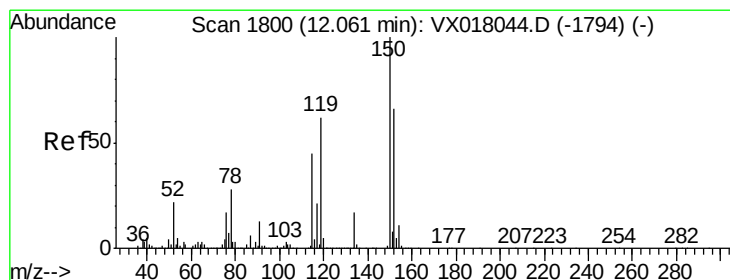
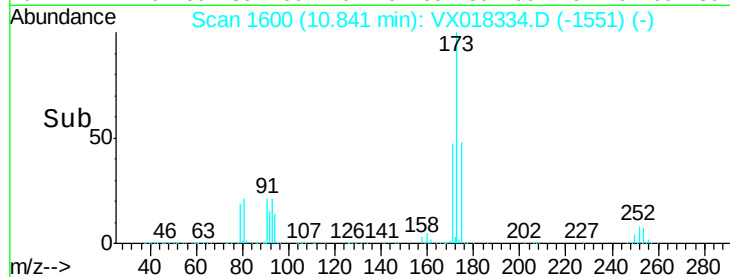
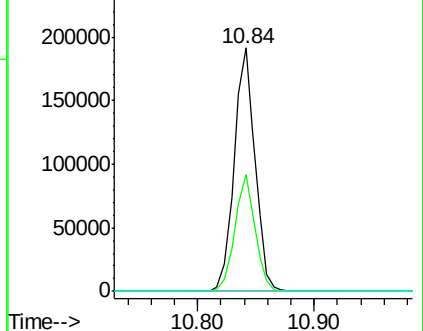
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX018334.D

Acq: 10 Sep 2020 11:07

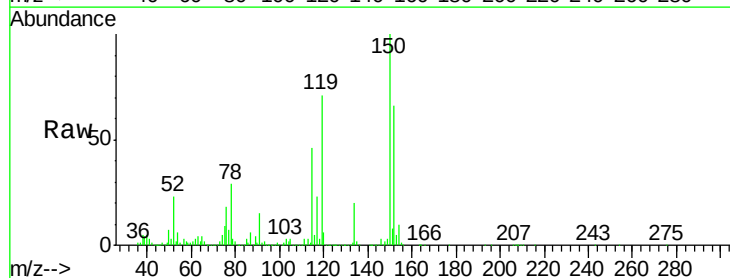
Tgt Ion:152 Resp: 341084

Ion Ratio Lower Upper

152 100

115 85.5 41.5 124.5

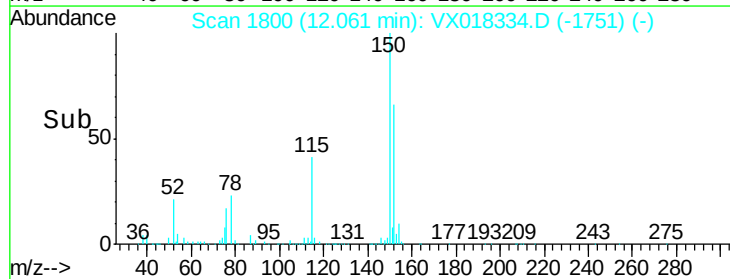
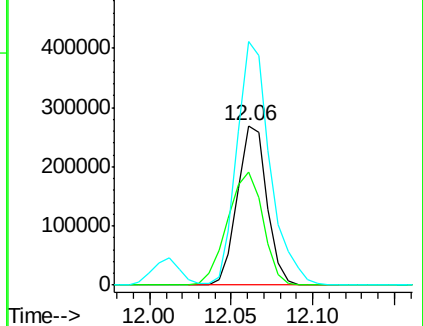
150 170.6 0.0 343.8

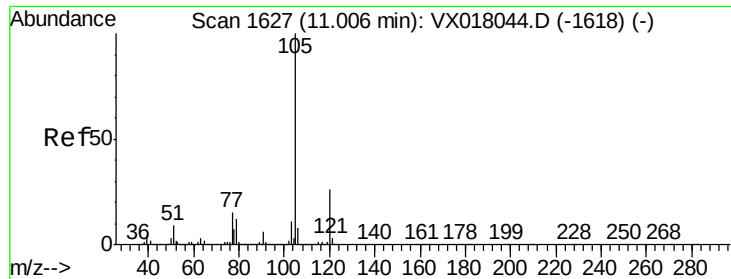


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.873 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1144563

Ion Ratio Lower Upper

105 100

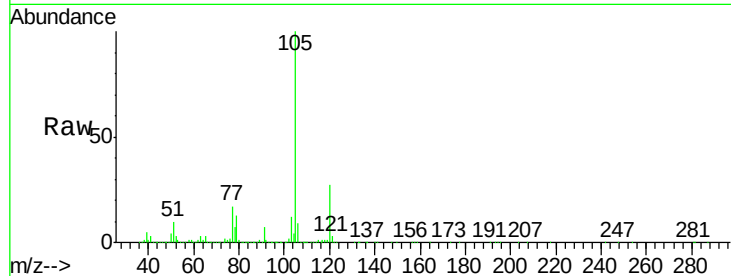
120 26.7 13.2 39.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

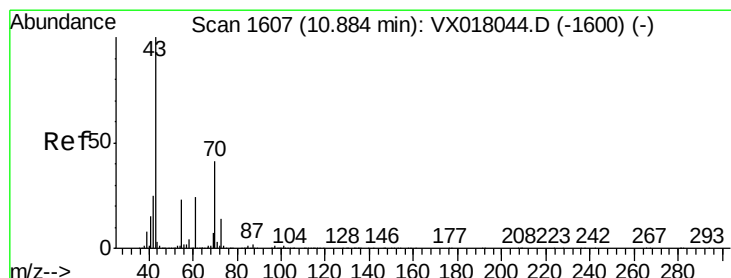
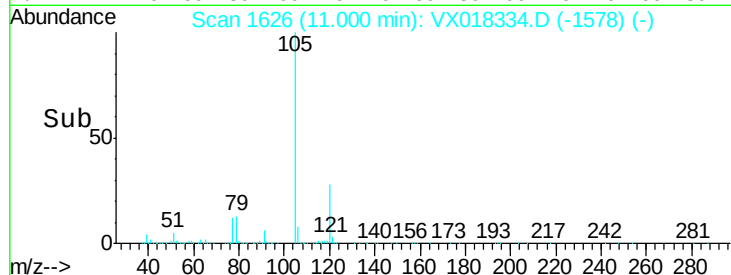
600000

400000

200000

0

Time--> 10.90 10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 46.149 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion: 43 Resp: 492622

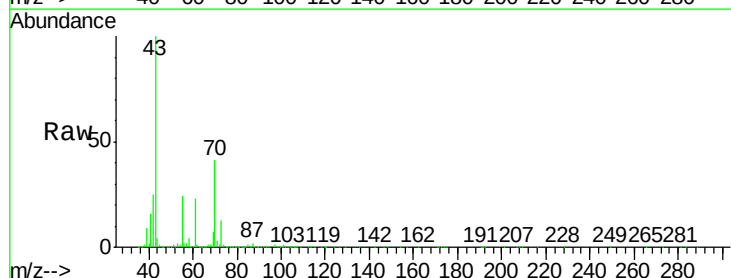
Ion Ratio Lower Upper

43 100

70 41.2 32.3 48.5

55 24.2 18.2 27.2

61 24.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

500000

400000

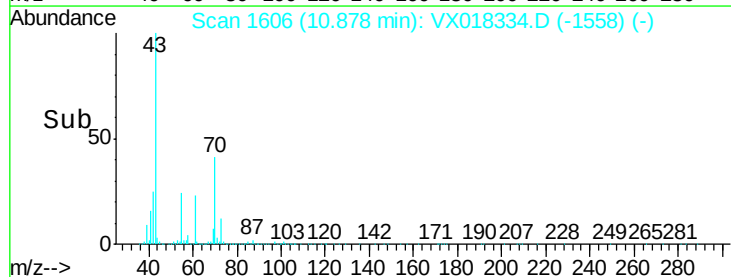
300000

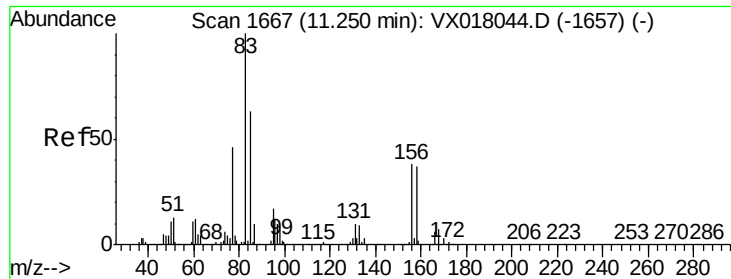
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.844 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

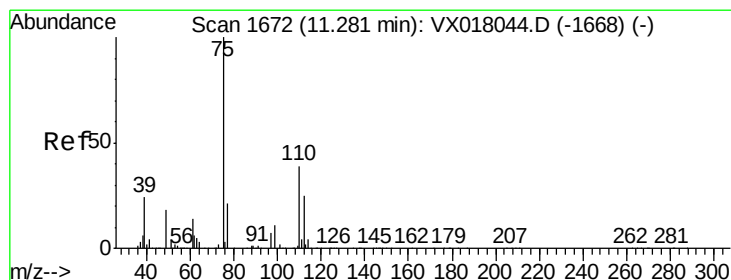
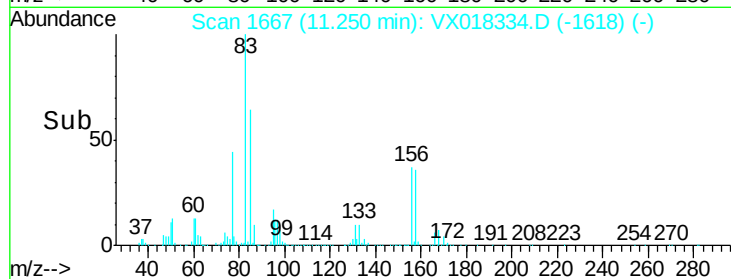
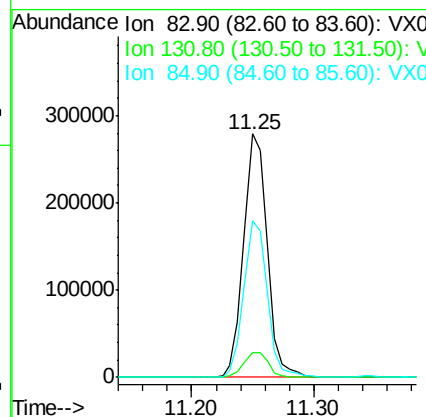
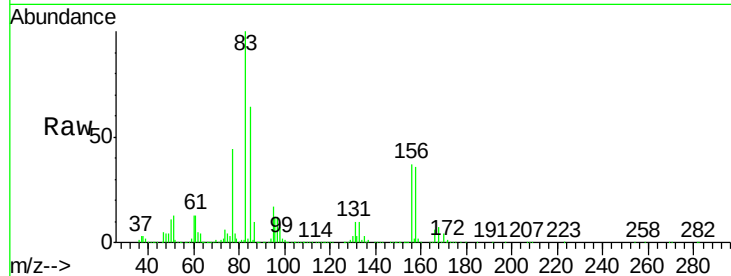
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	371785
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	64.4	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.404 ug/l m

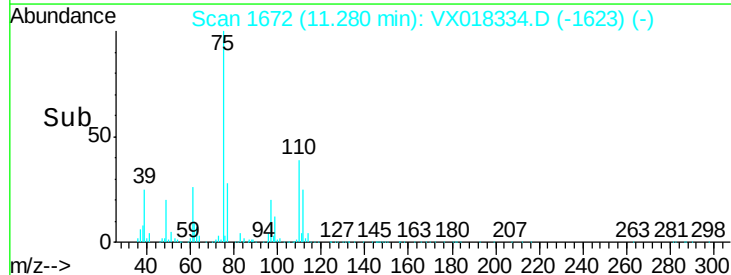
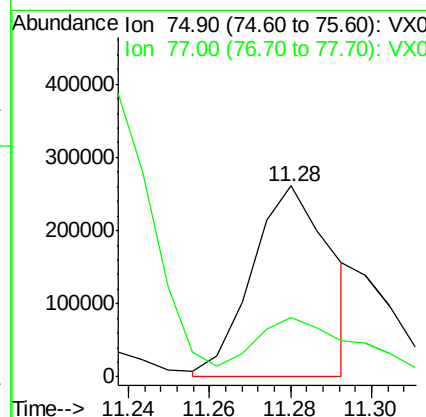
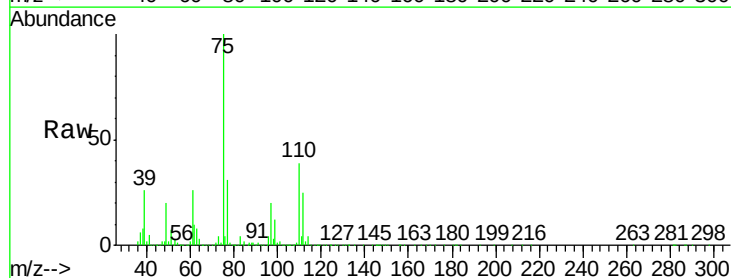
RT: 11.28 min Scan# 1672

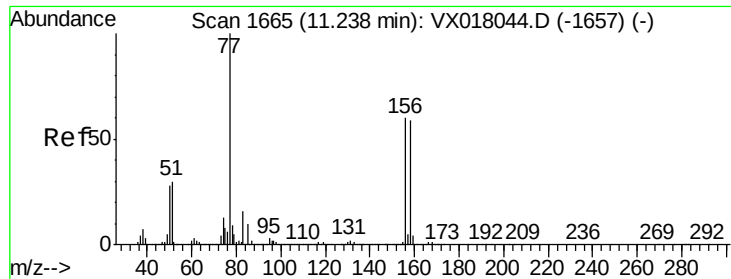
Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion:	75	Resp:	352096
Ion Ratio	Lower	Upper	
75	100		
77	40.5	20.8	62.2





#77

Bromobenzene

Concen: 49.144 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

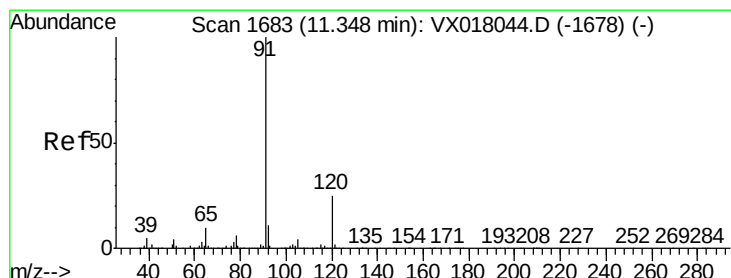
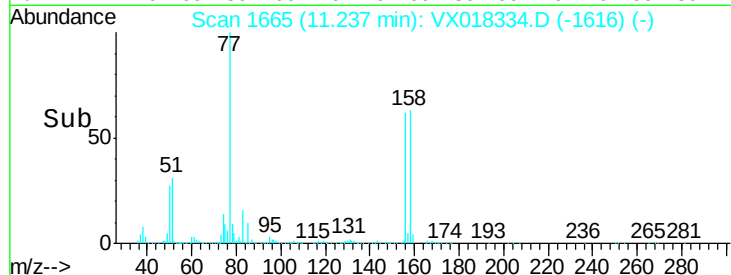
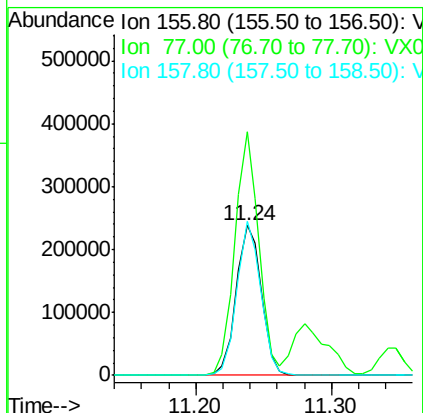
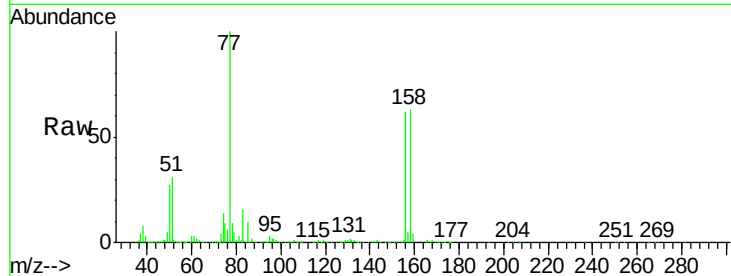
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	305623
Ion Ratio	Lower	Upper	
156	100		
77	155.0	80.0	240.2
158	97.2	49.5	148.7

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#78

n-propylbenzene

Concen: 52.840 ug/l

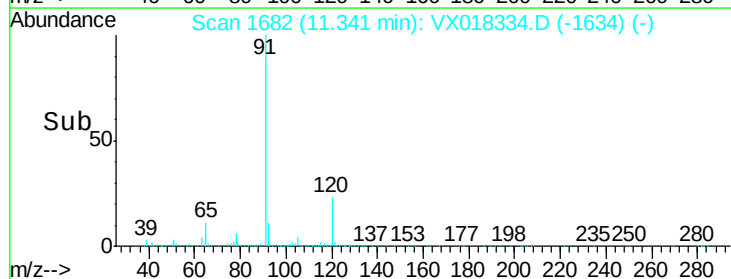
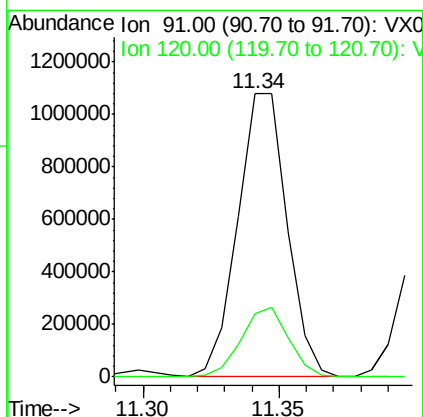
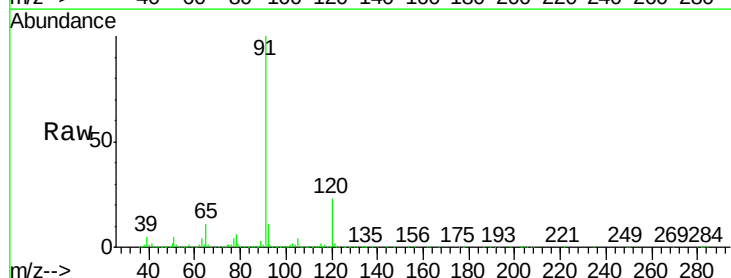
RT: 11.34 min Scan# 1682

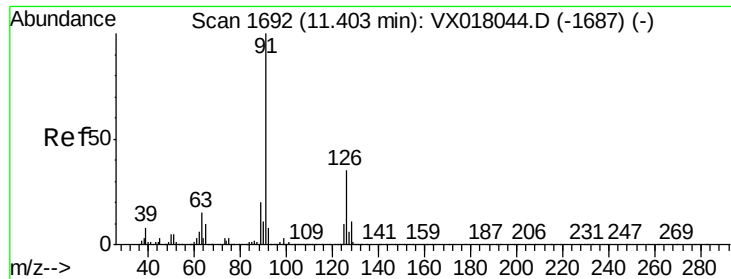
Delta R.T. -0.01 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion:	91	Resp:	1349850
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.900 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 803339

Ion Ratio Lower Upper

91 100

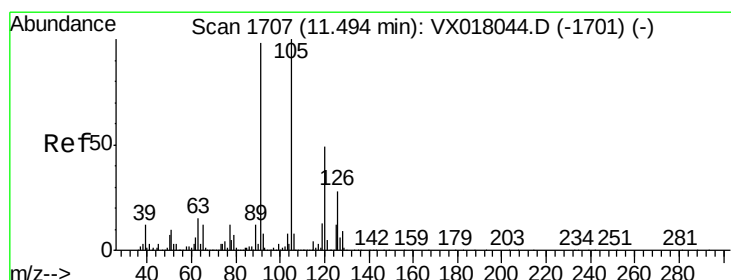
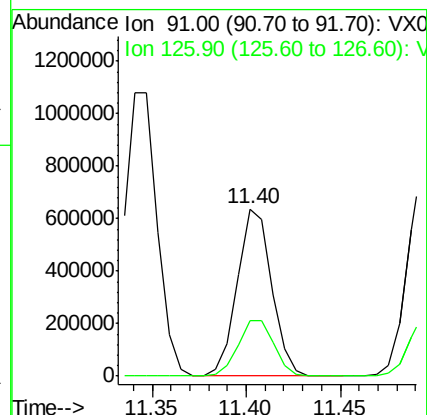
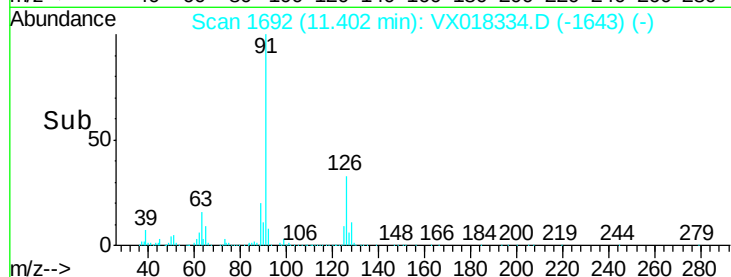
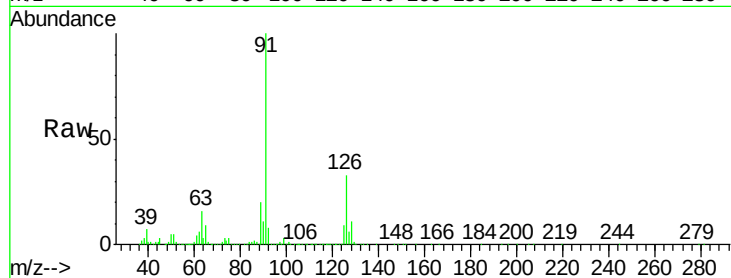
126 34.9 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 54.543 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018334.D

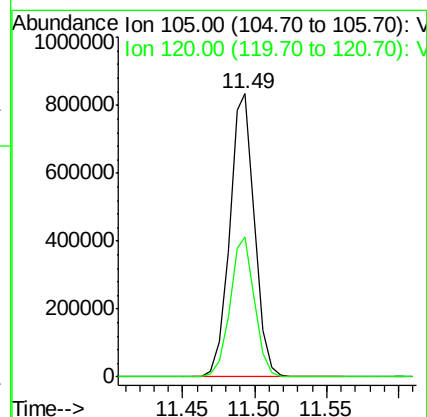
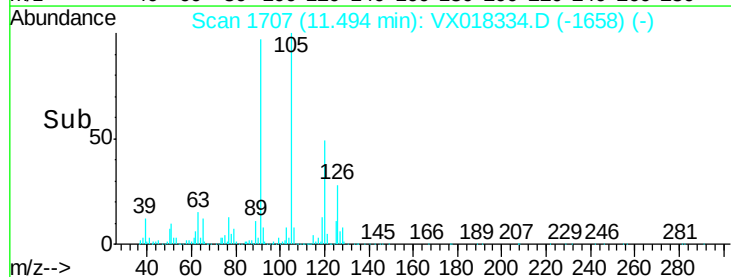
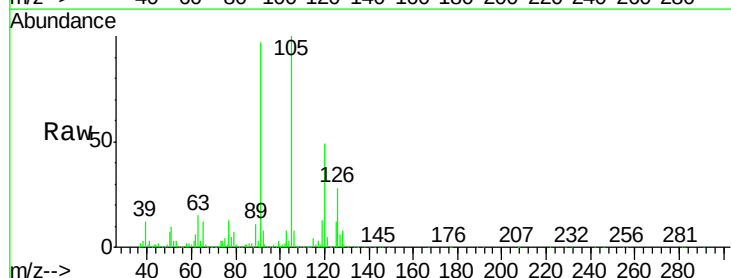
Acq: 10 Sep 2020 11:07

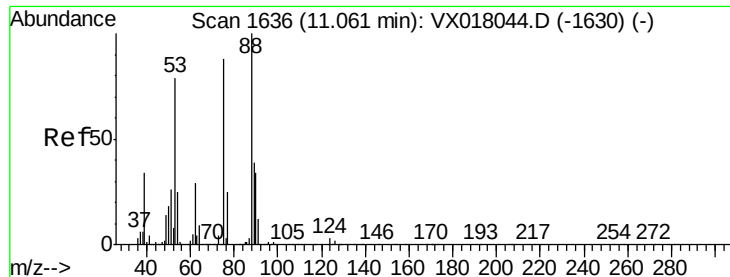
Tgt Ion: 105 Resp: 1008389

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.776 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 134219

Ion Ratio Lower Upper

75 100

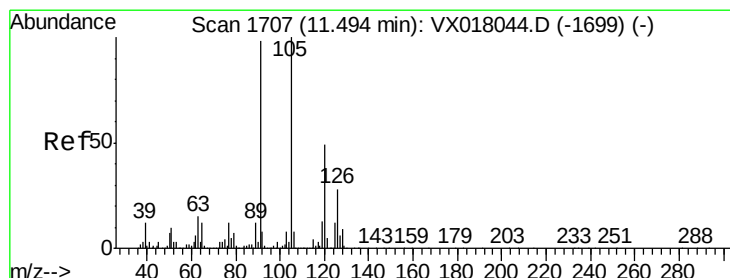
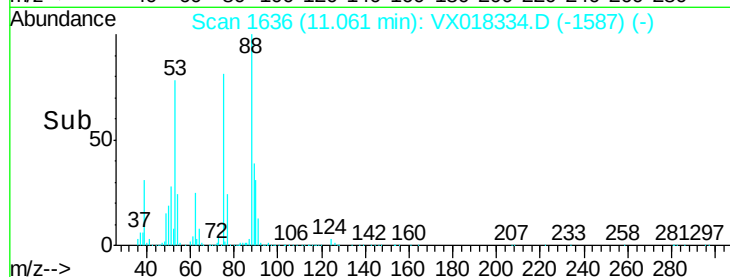
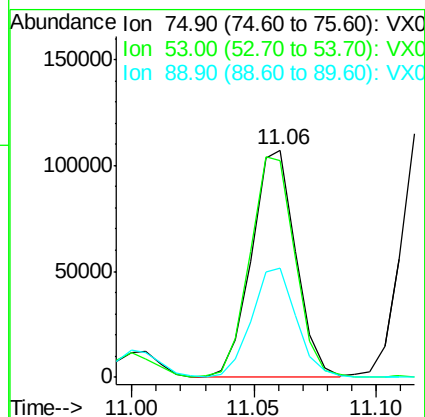
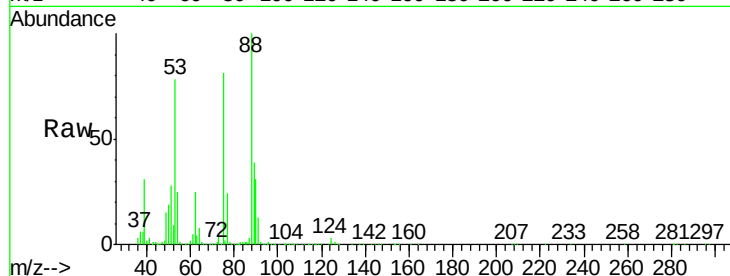
53 99.1 74.7 112.1

89 49.5 36.6 54.8

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#82

4-Chlorotoluene

Concen: 52.063 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018334.D

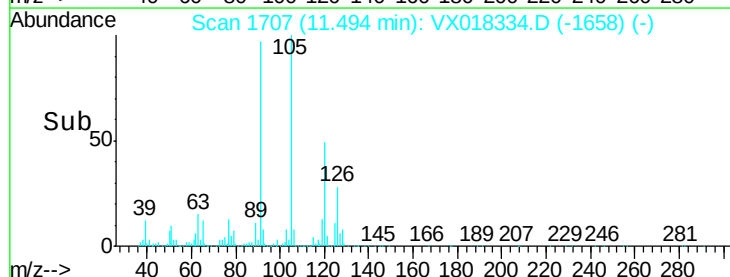
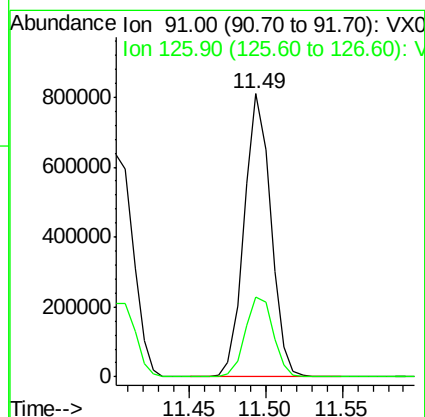
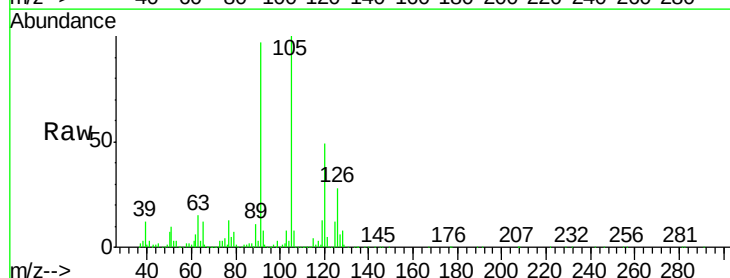
Acq: 10 Sep 2020 11:07

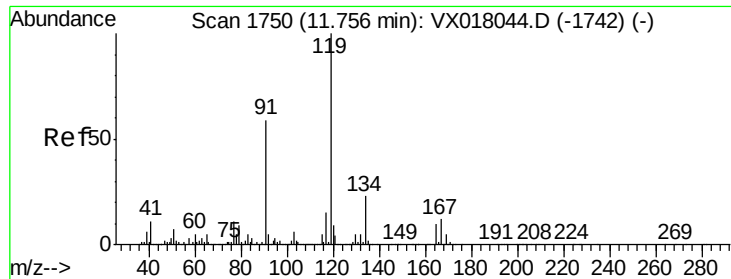
Tgt Ion: 91 Resp: 976838

Ion Ratio Lower Upper

91 100

126 29.7 15.1 45.3





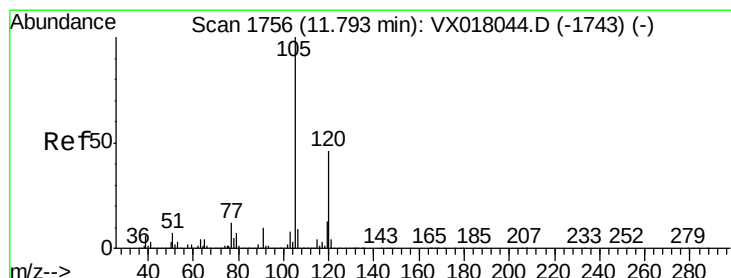
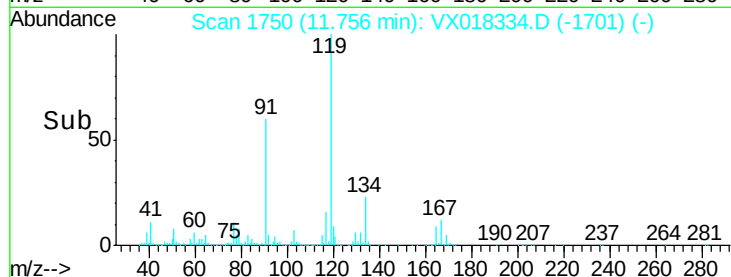
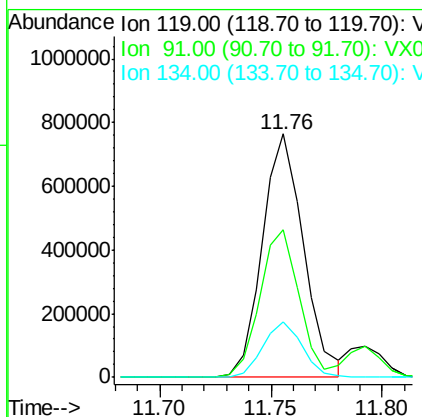
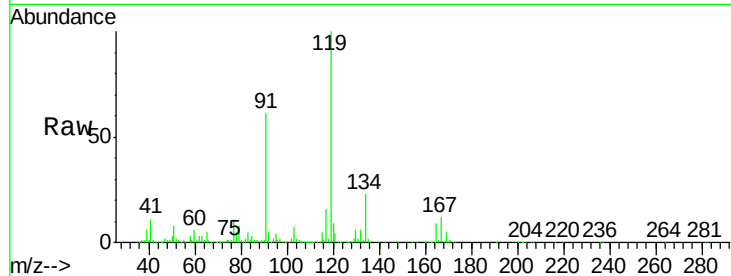
#83
 tert-Butylbenzene
 Concen: 53.844 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	982403		
91	57.5		28.2	84.7
134	21.9		11.3	33.8

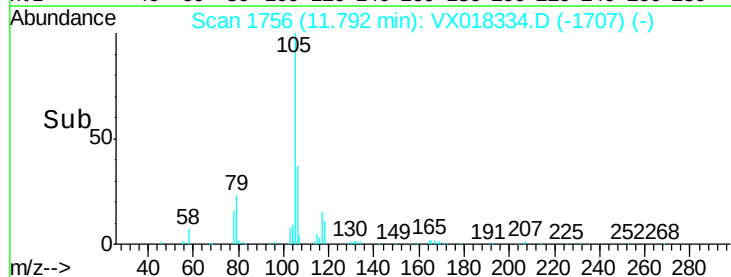
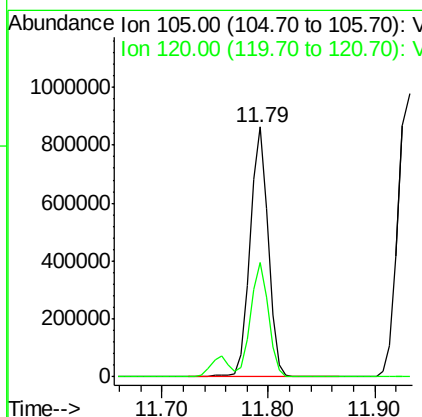
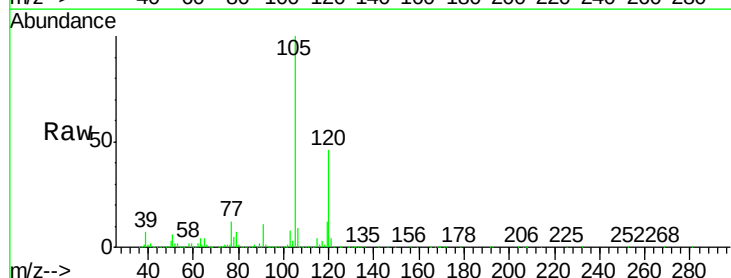
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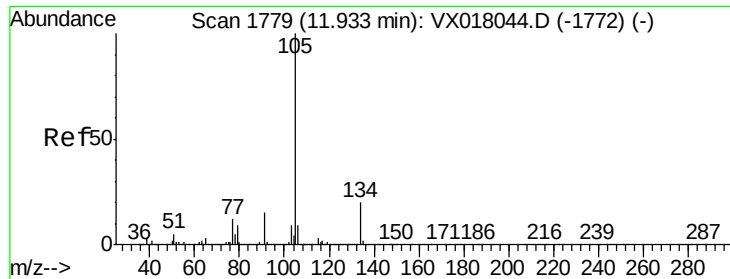
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.430 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1028828		
120	45.0		22.3	66.9





#85

sec-Butylbenzene

Concen: 55.826 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1158299

Ion Ratio Lower Upper

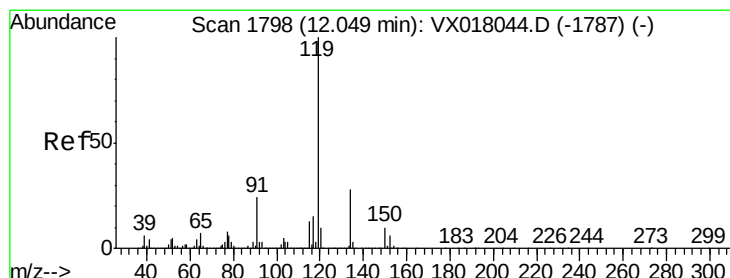
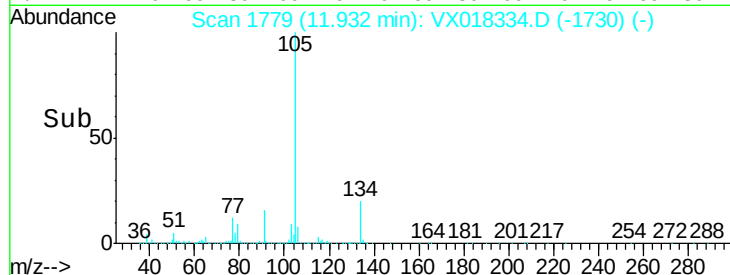
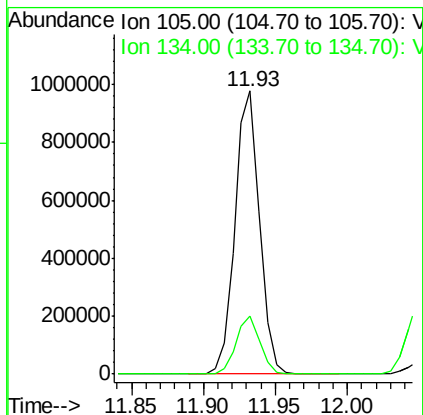
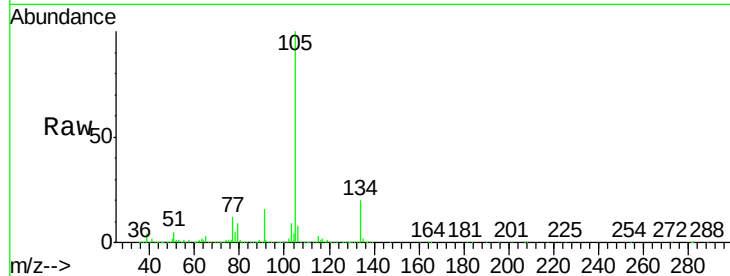
105 100

134 20.0 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 56.267 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

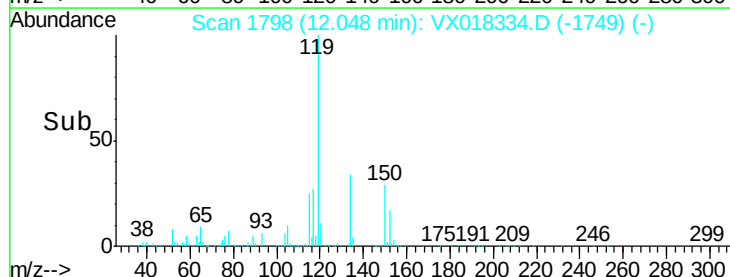
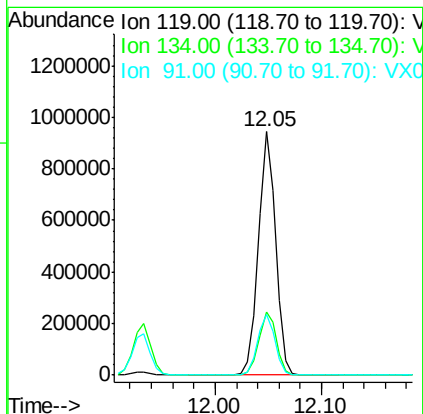
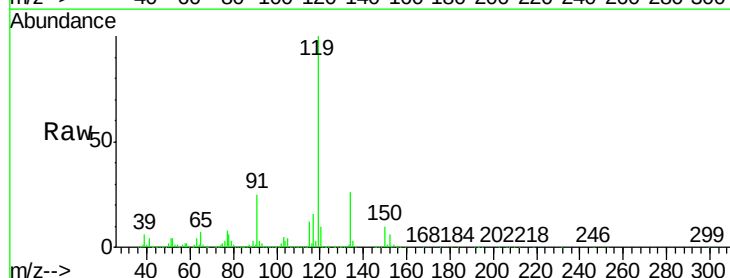
Tgt Ion:119 Resp: 1072381

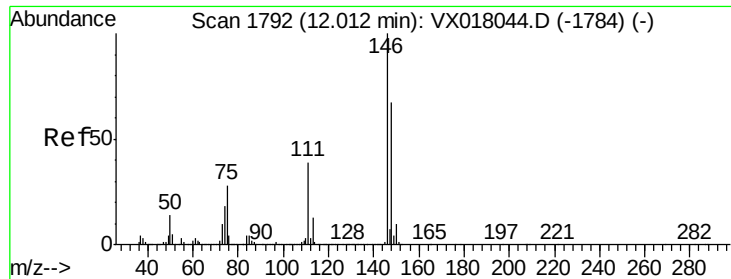
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 25.2 11.8 35.4





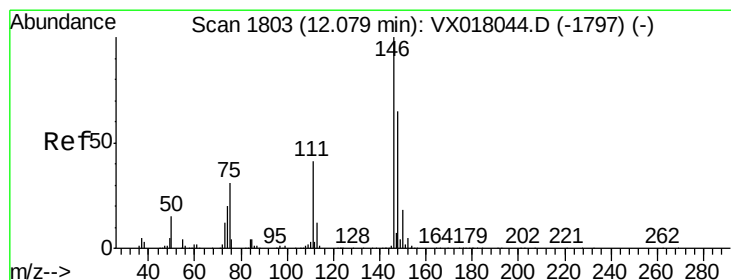
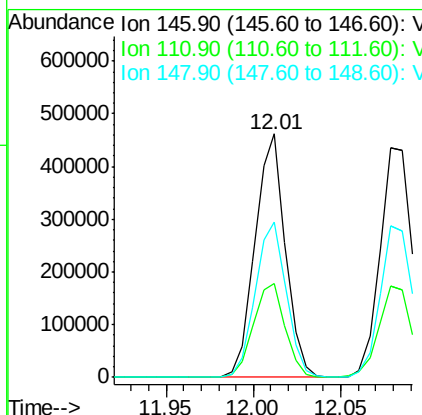
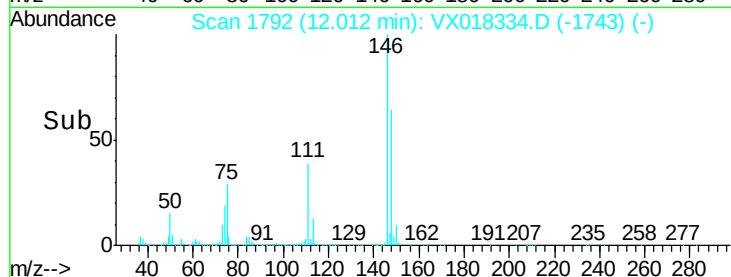
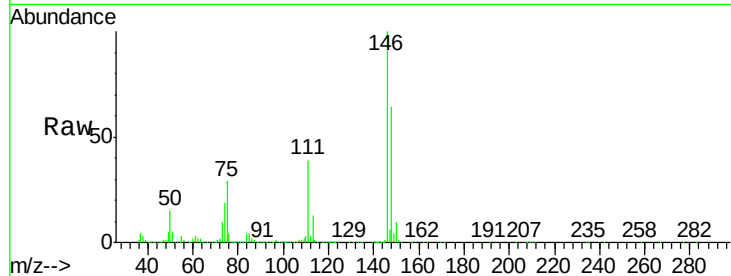
#87
 1,3-Dichlorobenzene
 Concen: 50.868 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	555419		
111	40.5		20.6	61.8
148	65.1		33.1	99.2

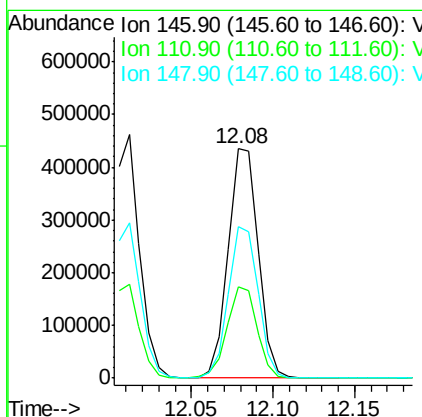
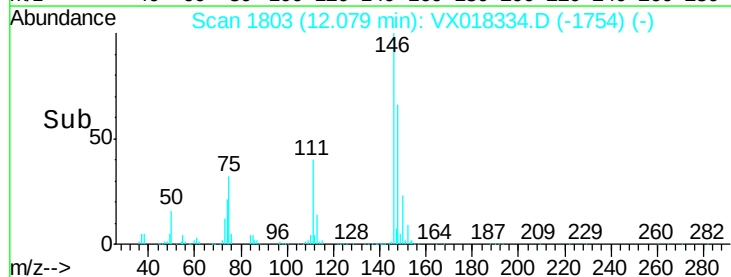
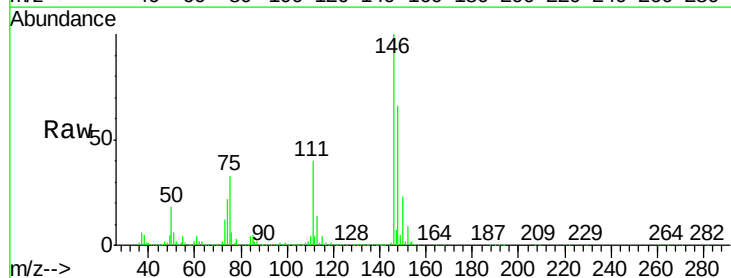
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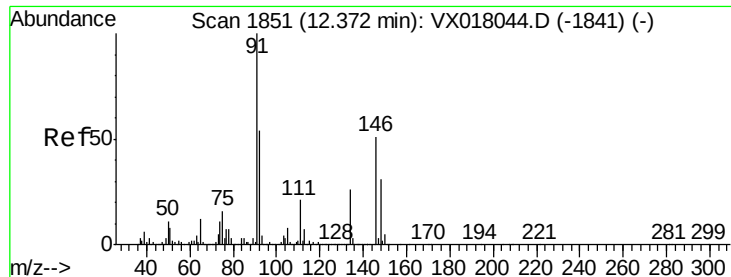
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#88
 1,4-Dichlorobenzene
 Concen: 50.905 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	556527		
111	39.6		20.3	60.8
148	65.5		33.1	99.2





#89

n-Butylbenzene

Concen: 56.197 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Instrument :

MSVOA_X

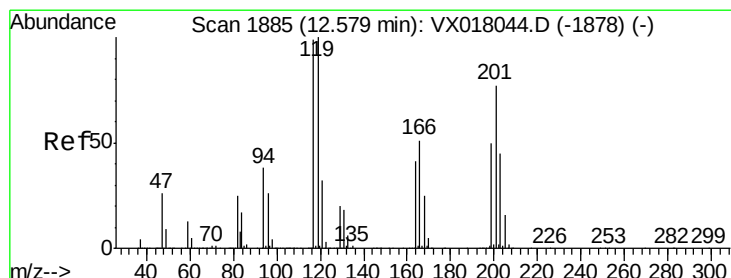
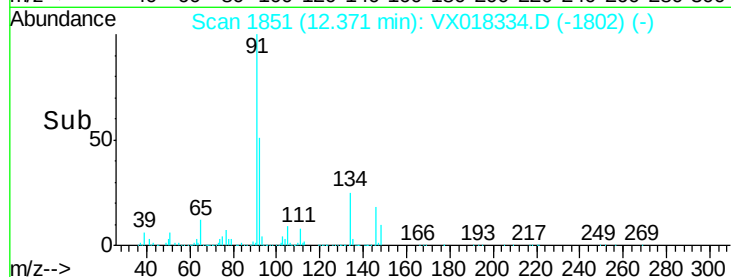
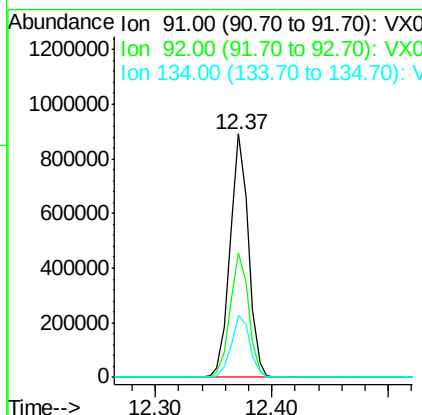
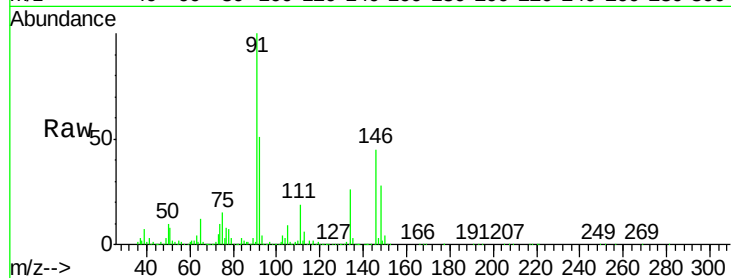
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	977570
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.4	79.2
134	26.1	12.9	38.7

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#90

Hexachloroethane

Concen: 54.901 ug/l

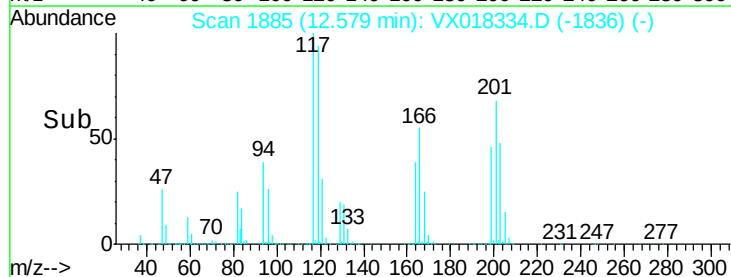
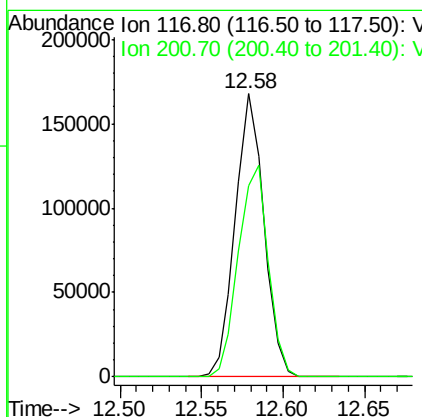
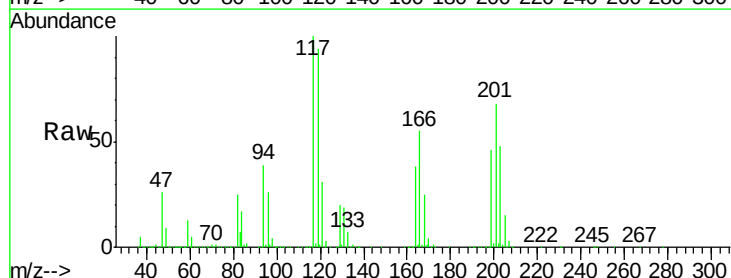
RT: 12.58 min Scan# 1885

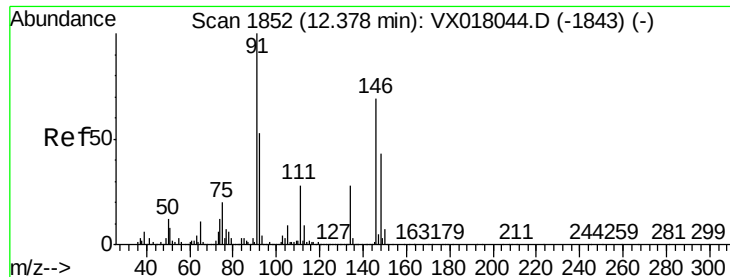
Delta R.T. -0.00 min

Lab File: VX018334.D

Acq: 10 Sep 2020 11:07

Tgt Ion:	117	Resp:	205864
Ion	Ratio	Lower	Upper
117	100		
201	78.4	38.5	115.3





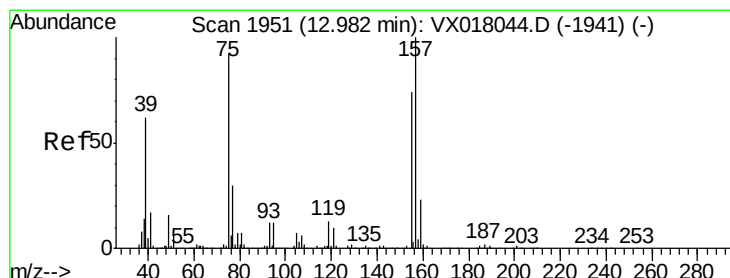
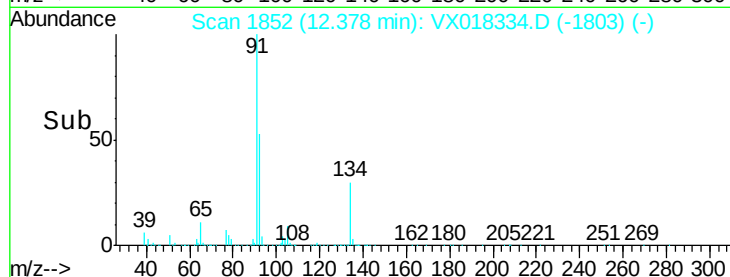
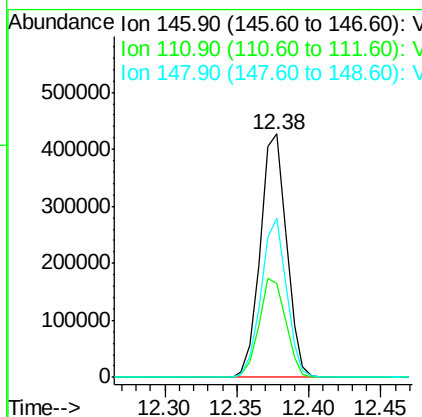
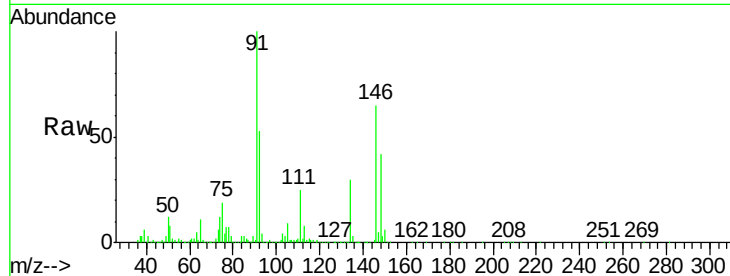
#91
 1,2-Dichlorobenzene
 Concen: 52.073 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	535213		
111	41.5	20.8	62.5	
148	63.4	31.6	95.0	

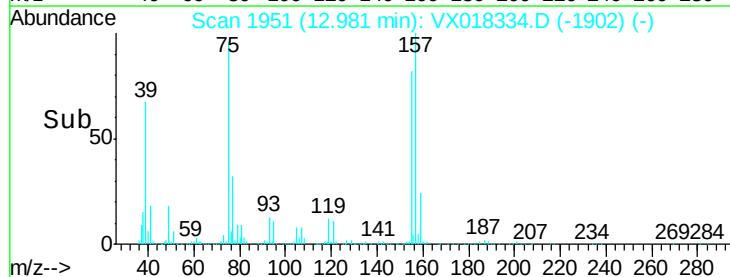
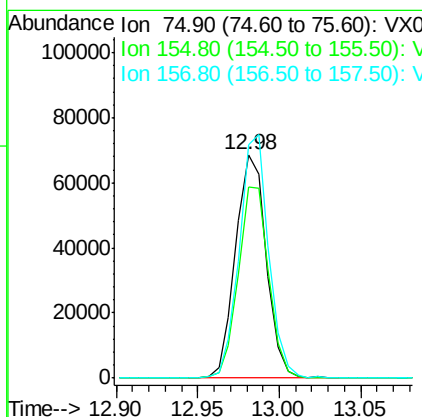
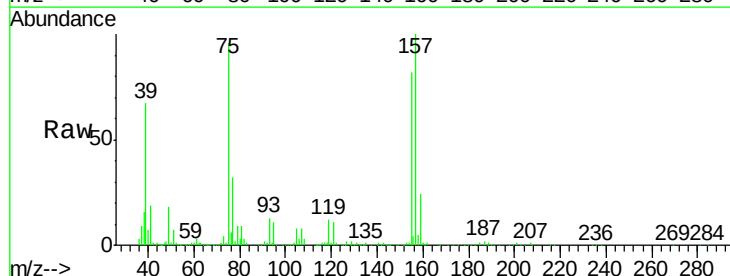
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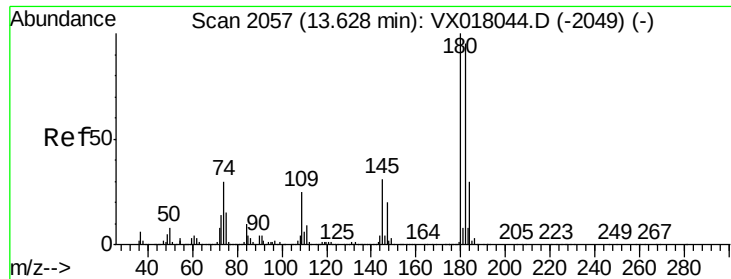
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.607 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018334.D
 Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90506		
155	84.4	40.2	120.6	
157	103.6	55.0	165.2	





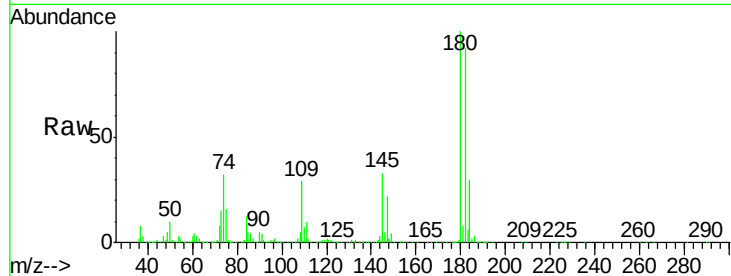
#93
1,2,4-Trichlorobenzene
Concen: 51.314 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

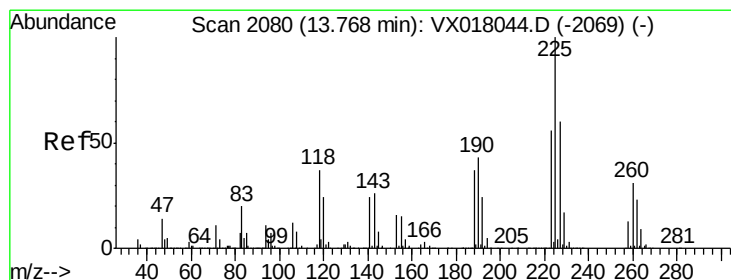
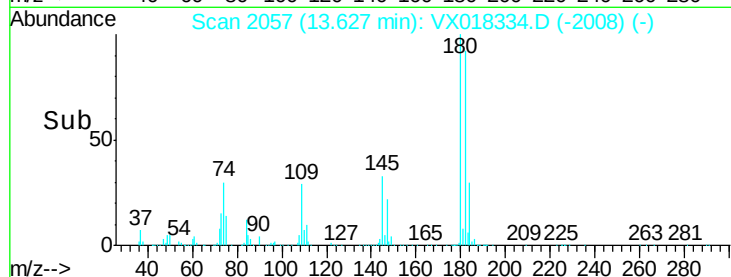
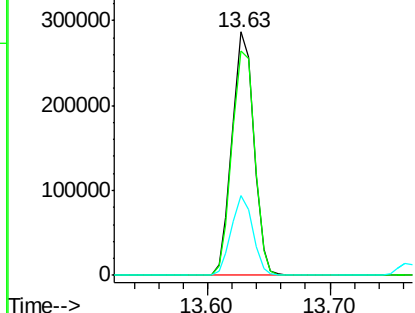
Tot Ion	Ratio	Resp	Lower	Upper
180	100	351692		
182	96.1	47.5	142.6	
145	32.5	15.7	47.1	

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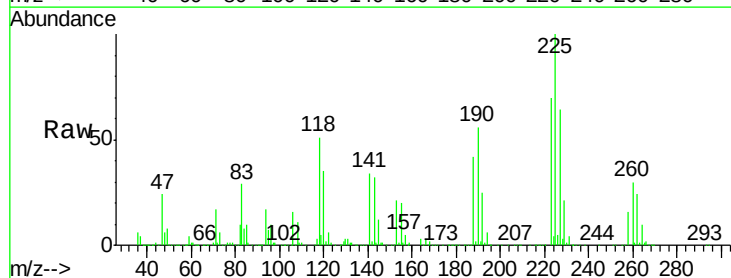


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

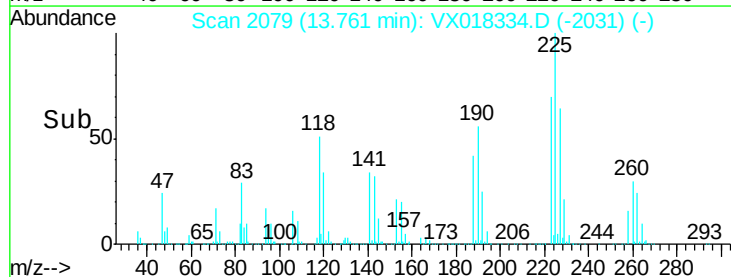
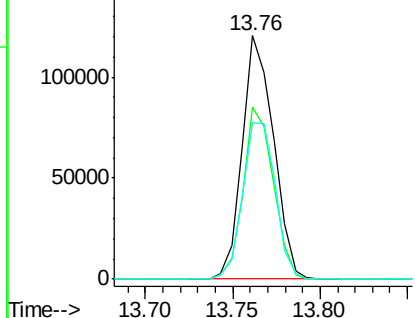


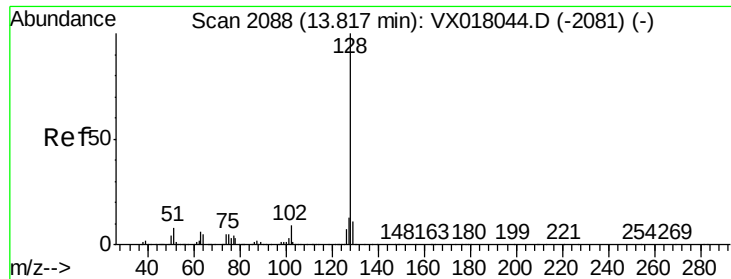
#94
Hexachlorobutadiene
Concen: 55.294 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149479		
223	68.1	30.7	92.1	
227	67.3	32.6	97.8	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





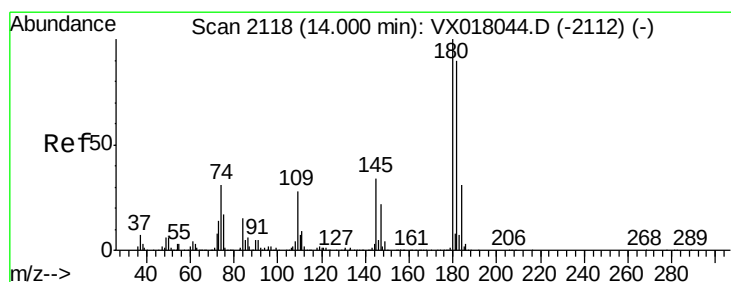
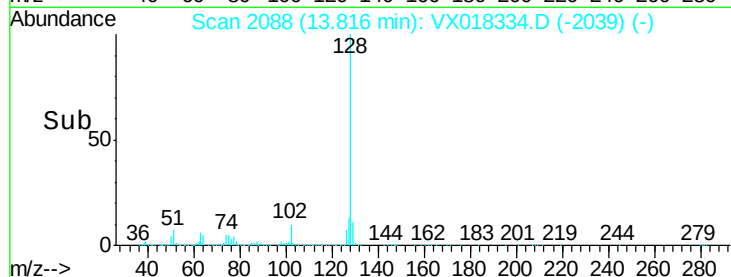
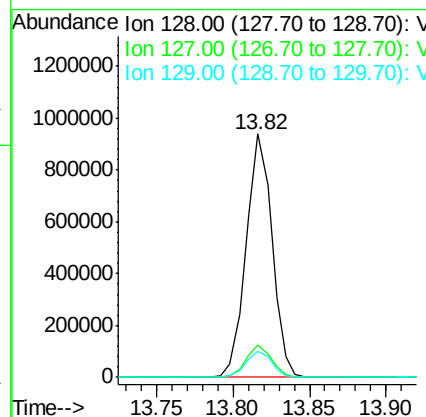
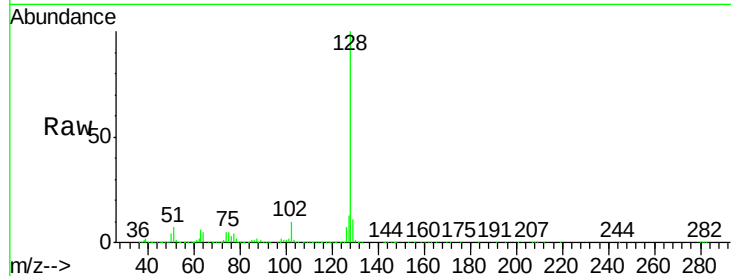
#95
Naphthalene
Concen: 49.038 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.830 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018334.D
Acq: 10 Sep 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	142.0
145	32.5	17.5	52.6

