

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075631.D
 Acq On : 11 Apr 2023 20:37
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 12 03:00:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	188350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	328761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	167427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86044	55.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.380%	
35) Dibromofluoromethane	7.805	113	106130	55.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.160%	
50) Toluene-d8	10.269	98	408677	54.077	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.160%	
62) 4-Bromofluorobenzene	12.575	95	125632	53.653	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	59888	45.006	ug/l	97
3) Chloromethane	2.146	50	115671	55.464	ug/l	98
4) Vinyl Chloride	2.281	62	155823	48.101	ug/l	97
5) Bromomethane	2.687	94	115571	44.801	ug/l	96
6) Chloroethane	2.834	64	114060	50.193	ug/l	99
7) Trichlorofluoromethane	3.169	101	133181	48.194	ug/l	96
8) Diethyl Ether	3.593	74	44819	52.511	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.964	101	89650	49.286	ug/l	94
10) Methyl Iodide	4.158	142	107735	49.535	ug/l	93
11) Tert butyl alcohol	5.058	59	19212	263.003	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	84505	48.401	ug/l #	81
13) Acrolein	3.799	56	25995	254.404	ug/l	100
14) Allyl chloride	4.563	41	78765	49.987	ug/l #	80
15) Acrylonitrile	5.252	53	90355	276.251	ug/l	98
16) Acetone	4.016	43	77040	273.638	ug/l #	88
17) Carbon Disulfide	4.263	76	207514	45.921	ug/l	96
18) Methyl Acetate	4.558	43	46548	54.782	ug/l #	69
19) Methyl tert-butyl Ether	5.311	73	199129	53.964	ug/l	96
20) Methylene Chloride	4.805	84	127314	54.318	ug/l #	71
21) trans-1,2-Dichloroethene	5.311	96	102395	49.685	ug/l #	72
22) Diisopropyl ether	6.216	45	216078	55.902	ug/l #	86
23) Vinyl Acetate	6.152	43	520401	286.855	ug/l #	84
24) 1,1-Dichloroethane	6.110	63	167410	52.447	ug/l	96
25) 2-Butanone	7.081	43	101396	277.513	ug/l #	74
26) 2,2-Dichloropropane	7.075	77	144622	49.390	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	125123	51.565	ug/l	80
28) Bromochloromethane	7.428	49	59875	54.900	ug/l #	49
29) Tetrahydrofuran	7.446	42	56044	289.654	ug/l #	54
30) Chloroform	7.593	83	194871	53.665	ug/l	96
31) Cyclohexane	7.875	56	104244	46.373	ug/l #	69
32) 1,1,1-Trichloroethane	7.793	97	154436	51.105	ug/l	95
36) 1,1-Dichloropropene	8.010	75	126210	51.291	ug/l	93
37) Ethyl Acetate	7.163	43	42807	57.862	ug/l #	76
38) Carbon Tetrachloride	7.987	117	121913	51.664	ug/l	97
39) Methylcyclohexane	9.275	83	143442	48.955	ug/l	90
40) Benzene	8.252	78	427353	53.898	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22918	56.567	ug/l #	65
42) 1,2-Dichloroethane	8.322	62	102149	55.447	ug/l	89
43) Isopropyl Acetate	8.363	43	80505	57.004	ug/l #	78
44) Trichloroethene	9.028	130	113924	49.053	ug/l	91
45) 1,2-Dichloropropane	9.304	63	99386	53.732	ug/l	96
46) Dibromomethane	9.393	93	63285	55.106	ug/l	97
47) Bromodichloromethane	9.587	83	148780	53.571	ug/l	95
48) Methyl methacrylate	9.381	41	33209	51.888	ug/l #	54
49) 1,4-Dioxane	9.387	88	12145	1166.618	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	221134	290.869	ug/l #	79
52) Toluene	10.334	92	274938	51.341	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	136134	54.078	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	162174	52.984	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	94728	55.934	ug/l	90
56) Ethyl methacrylate	10.598	69	92808	56.855	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	138624	54.362	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	232998	295.221	ug/l #	88
59) 2-Hexanone	10.922	43	153552	286.696	ug/l	71
60) Dibromochloromethane	11.075	129	107395	53.112	ug/l	98
61) 1,2-Dibromoethane	11.181	107	84730	52.347	ug/l	96
64) Tetrachloroethene	10.810	164	97091	50.885	ug/l	94
65) Chlorobenzene	11.610	112	314494	51.072	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	111232	51.080	ug/l	93
67) Ethyl Benzene	11.687	91	525702	51.743	ug/l	98
68) m/p-Xylenes	11.793	106	439368	104.994	ug/l	90
69) o-Xylene	12.122	106	202091	49.666	ug/l	93
70) Styrene	12.134	104	368218	52.972	ug/l	93
71) Bromoform	12.298	173	62285	55.338	ug/l #	98
73) Isopropylbenzene	12.422	105	507999	48.895	ug/l	98
74) N-amyl acetate	12.234	43	76491	52.493	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.675	83	102841	52.919	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	69400m	52.965	ug/l	
77) Bromobenzene	12.704	156	128453	48.982	ug/l	89
78) n-propylbenzene	12.763	91	626672	50.166	ug/l	98
79) 2-Chlorotoluene	12.851	91	342721	49.605	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	434744	51.092	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	30346	53.079	ug/l #	70
82) 4-Chlorotoluene	12.951	91	362986	50.647	ug/l	93
83) tert-Butylbenzene	13.169	119	362597	49.079	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	440704	51.288	ug/l	95
85) sec-Butylbenzene	13.345	105	568316	50.337	ug/l	98
86) p-Isopropyltoluene	13.463	119	478011	50.366	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	272693	49.796	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	264679	48.870	ug/l	98
89) n-Butylbenzene	13.792	91	428678	49.679	ug/l	99
90) Hexachloroethane	14.057	117	87660	48.829	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	233086	49.378	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13197	54.287	ug/l	81
93) 1,2,4-Trichlorobenzene	15.104	180	125177	49.999	ug/l	98
94) Hexachlorobutadiene	15.204	225	56754	47.857	ug/l	97
95) Naphthalene	15.334	128	246801	51.917	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	112621	50.771	ug/l	97

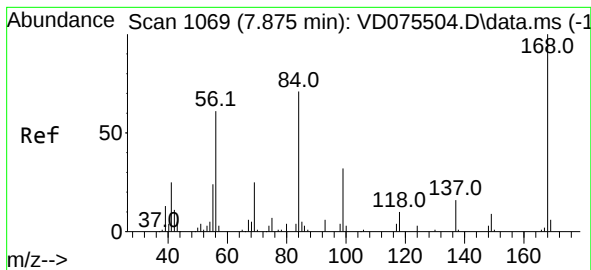
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

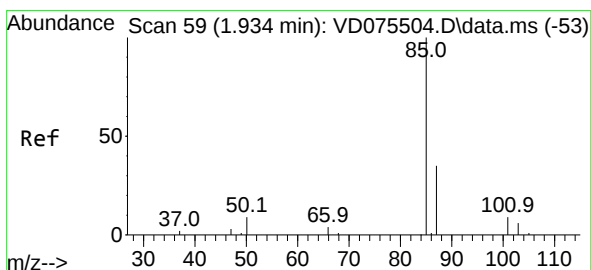
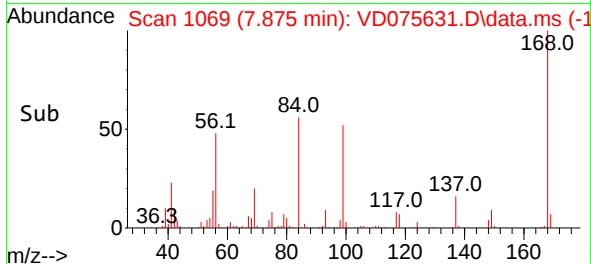
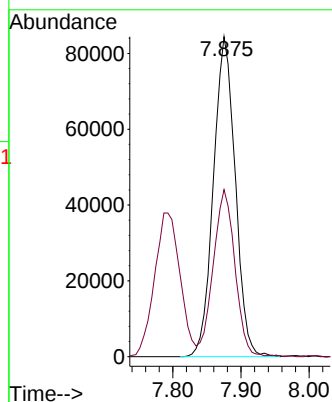
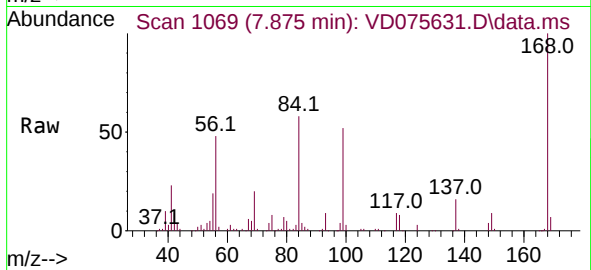
VSTDCCC050EC

Tgt Ion:168 Resp: 188350

Ion Ratio Lower Upper

168 100

99 51.8 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 45.006 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075631.D

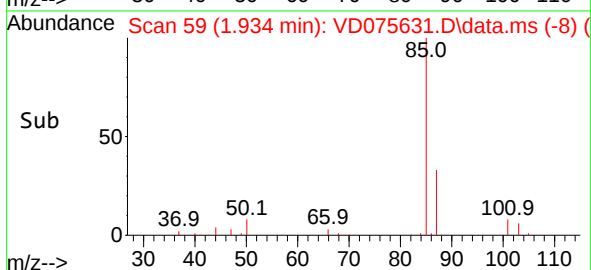
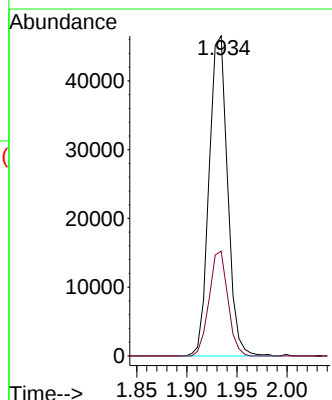
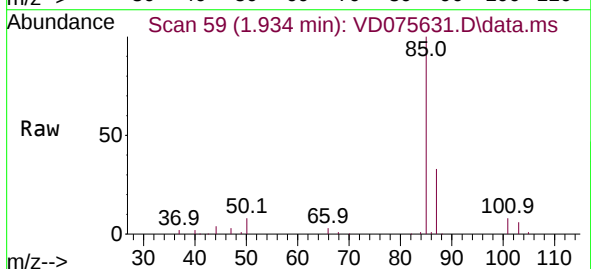
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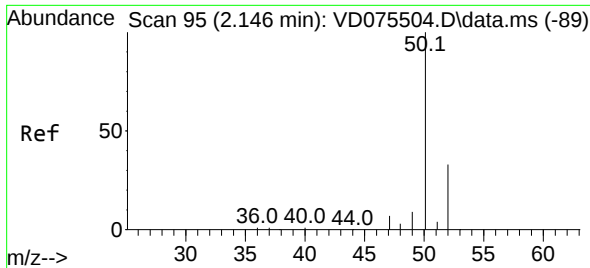
Tgt Ion: 85 Resp: 59888

Ion Ratio Lower Upper

85 100

87 32.7 17.3 51.7

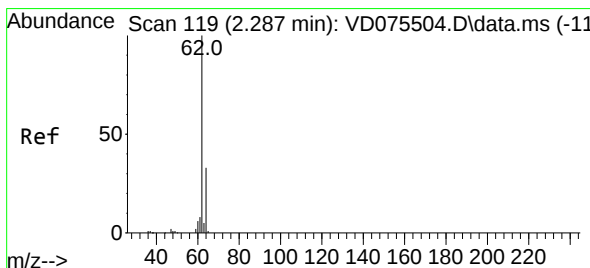
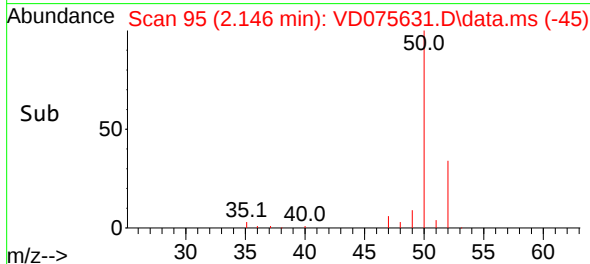
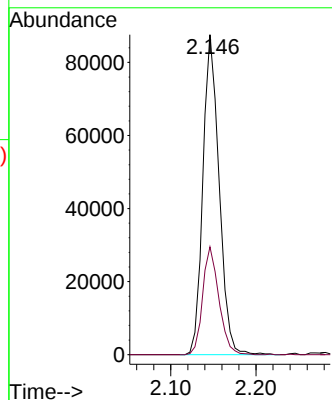
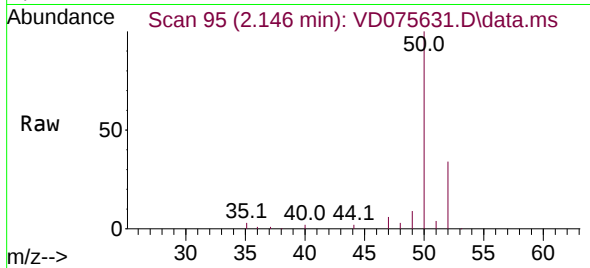




#3
Chloromethane
Concen: 55.464 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

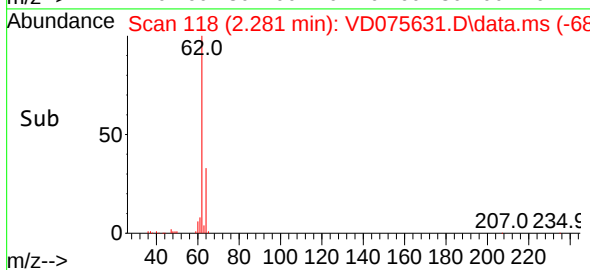
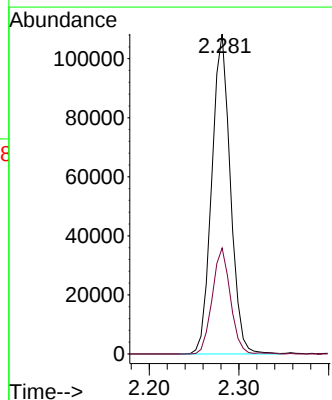
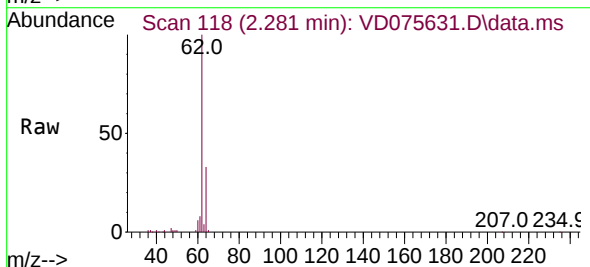
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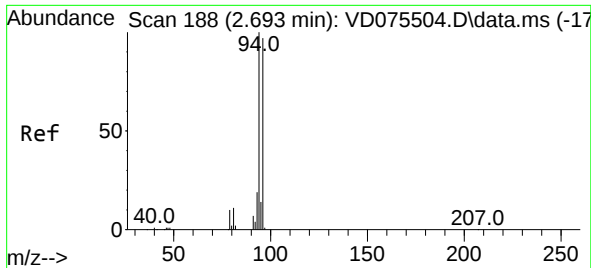
Tgt Ion: 50 Resp: 115671
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.8



#4
Vinyl Chloride
Concen: 48.101 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 62 Resp: 155823
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

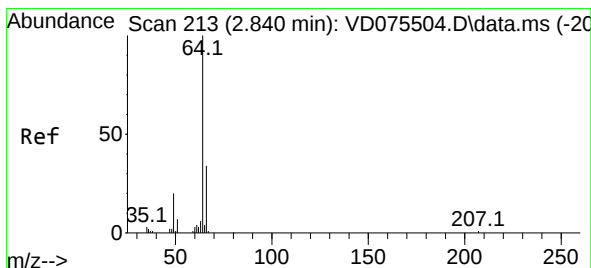
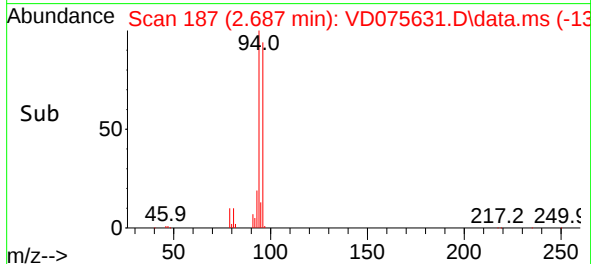
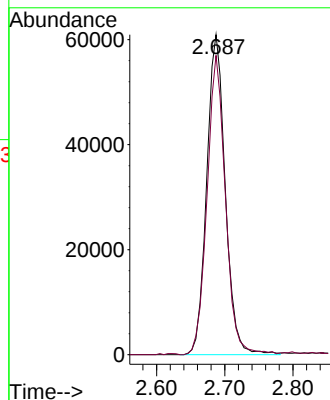
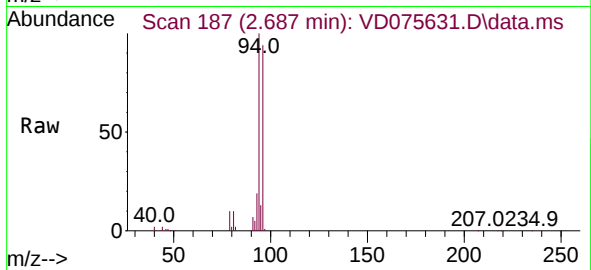




#5
Bromomethane
Concen: 44.801 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

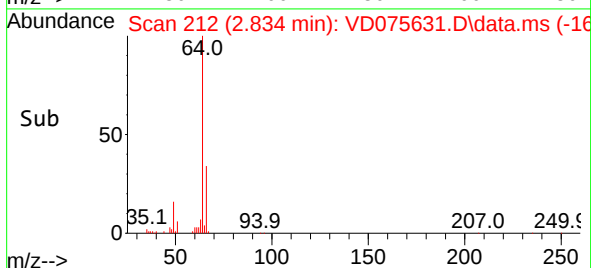
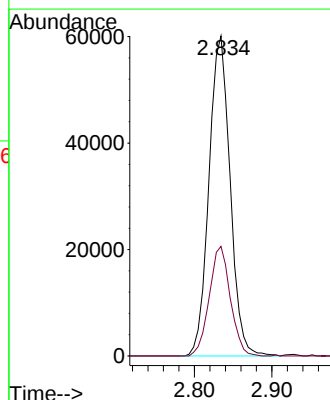
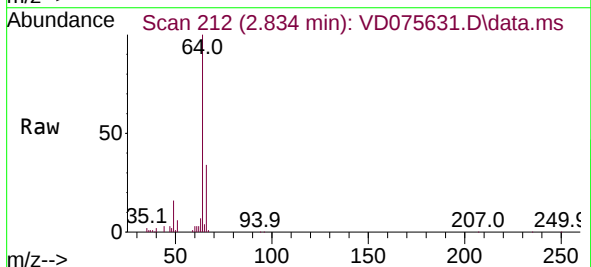
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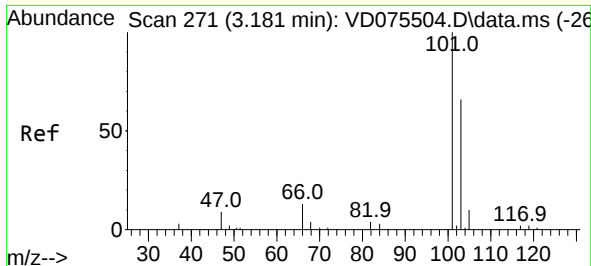
Tgt Ion: 94 Resp: 115571
Ion Ratio Lower Upper
94 100
96 92.8 77.5 116.3



#6
Chloroethane
Concen: 50.193 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 64 Resp: 114060
Ion Ratio Lower Upper
64 100
66 34.3 27.7 41.5

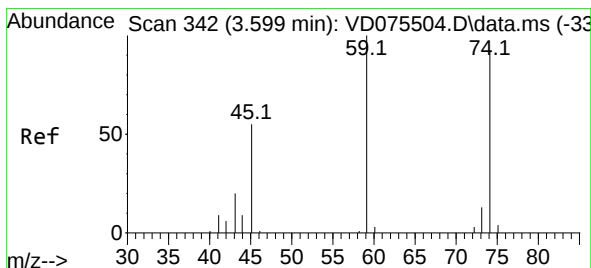
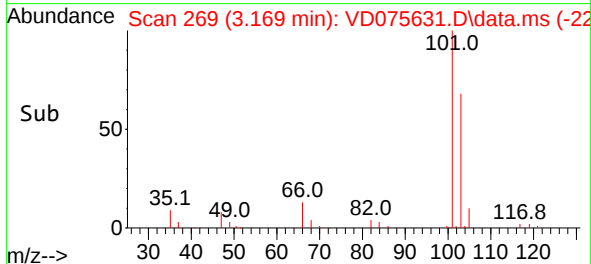
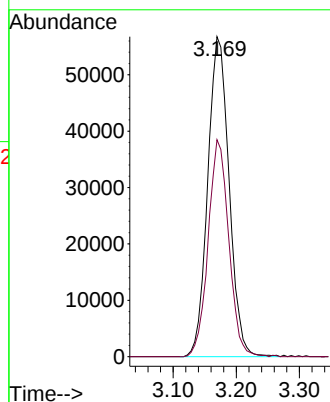
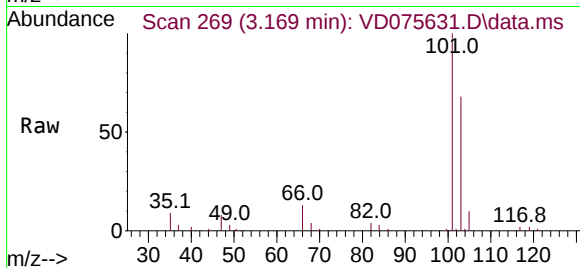




#7
Trichlorofluoromethane
Concen: 48.194 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.012 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

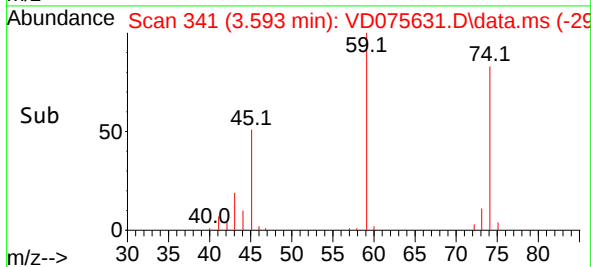
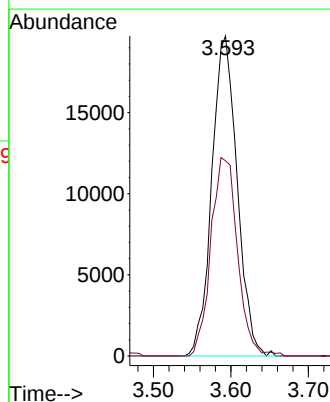
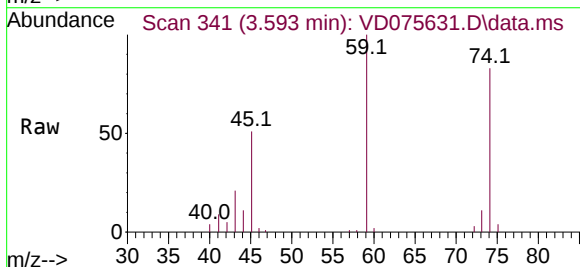
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ClientSampleId :
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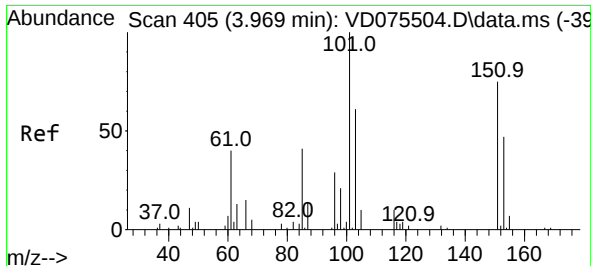
Tgt Ion:101 Resp: 133181
Ion Ratio Lower Upper
101 100
103 67.8 51.9 77.9



#8
Diethyl Ether
Concen: 52.511 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 74 Resp: 44819
Ion Ratio Lower Upper
74 100
45 65.1 50.9 152.7

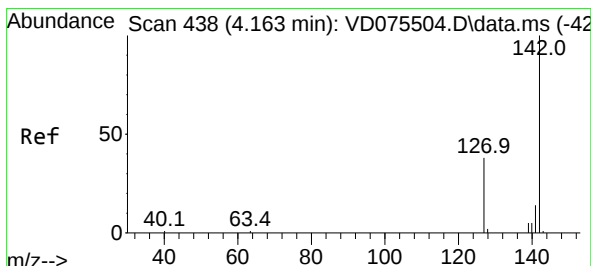
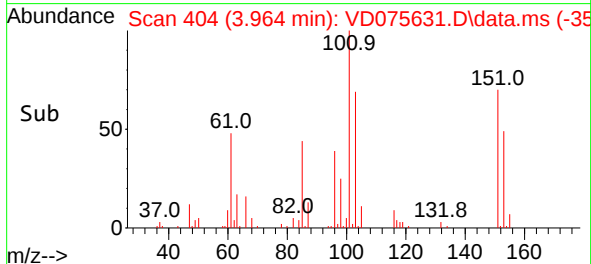
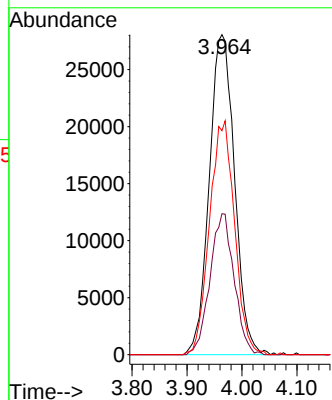
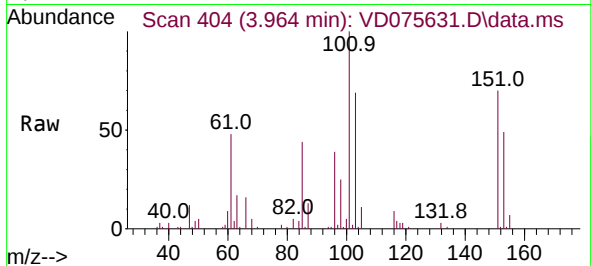




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.286 ug/l
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
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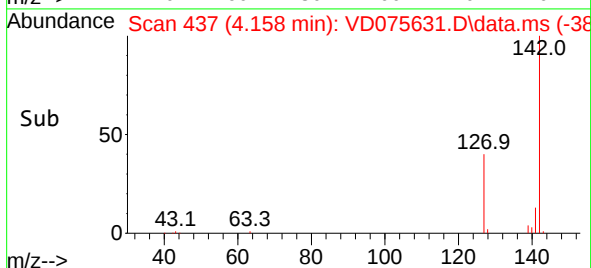
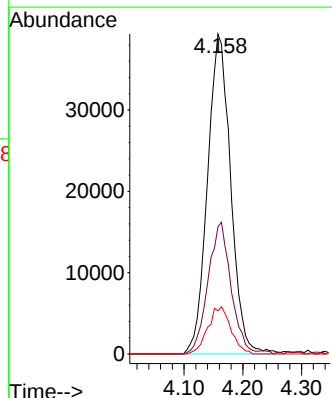
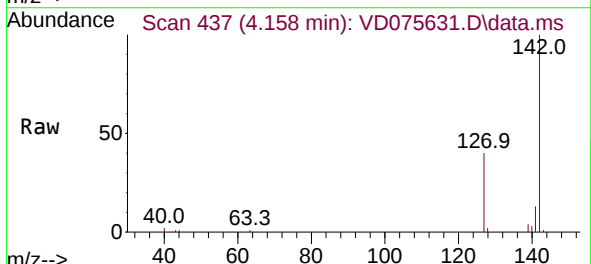
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

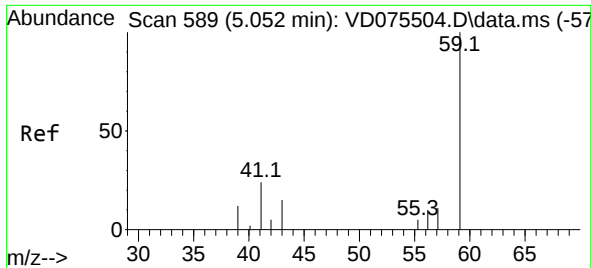
Tgt Ion:101 Resp: 89650
 Ion Ratio Lower Upper
 101 100
 85 42.0 38.3 57.5
 151 72.4 60.4 90.6



#10
 Methyl Iodide
 Concen: 49.535 ug/l
 RT: 4.158 min Scan# 437
 Delta R.T. -0.006 min
 Lab File: VD075631.D
 Acq: 11 Apr 2023 20:37

Tgt Ion:142 Resp: 107735
 Ion Ratio Lower Upper
 142 100
 127 40.7 37.1 55.7
 141 14.6 11.3 16.9

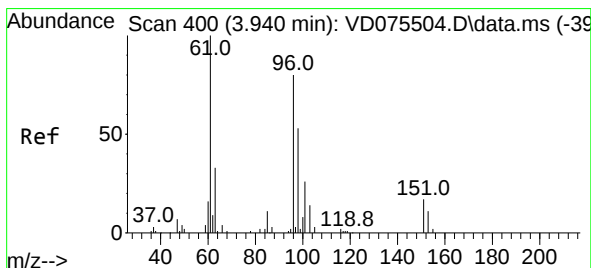
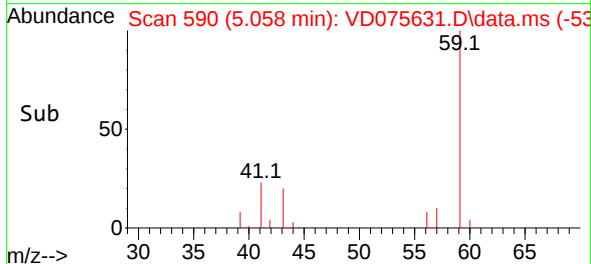
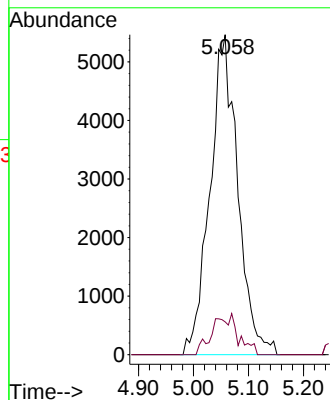
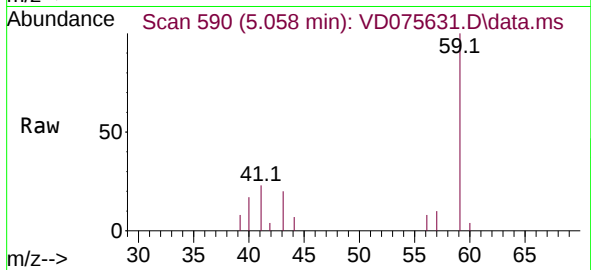




#11
Tert butyl alcohol
Concen: 263.003 ug/l
RT: 5.058 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

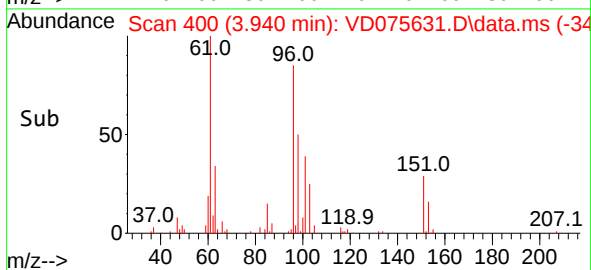
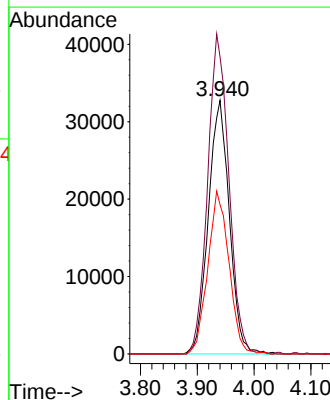
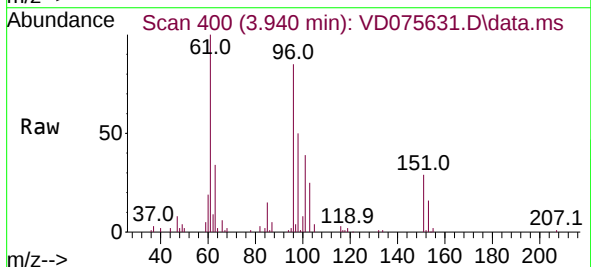
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

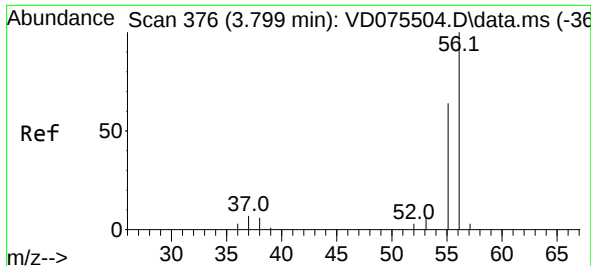
Tgt Ion: 59 Resp: 19212
Ion Ratio Lower Upper
59 100
57 11.8 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 48.401 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 96 Resp: 84505
Ion Ratio Lower Upper
96 100
61 117.2 118.6 177.8#
98 58.9 49.7 74.5





#13

Acrolein

Concen: 254.404 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

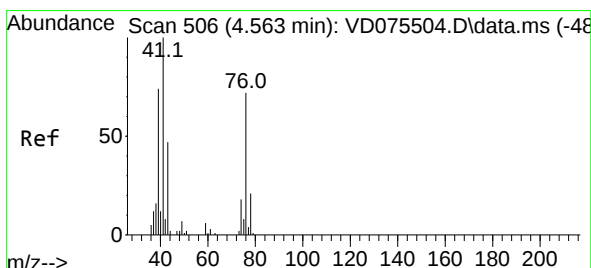
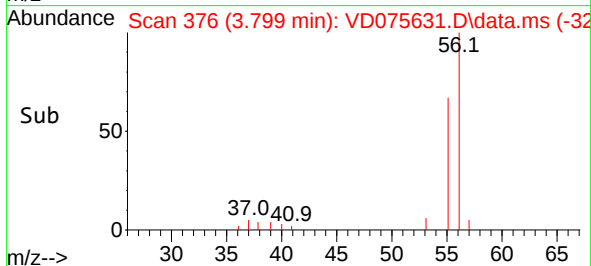
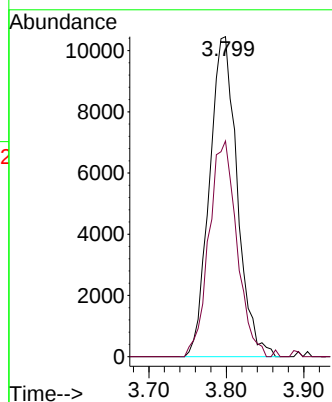
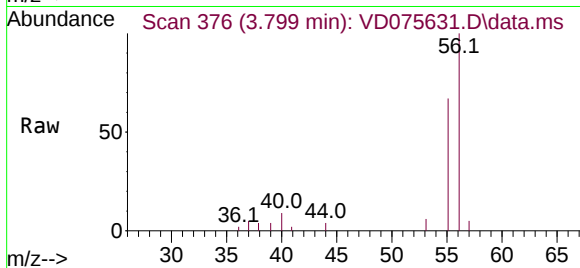
VSTDCCC050EC

Tgt Ion: 56 Resp: 25995

Ion Ratio Lower Upper

56 100

55 67.8 53.9 80.9



#14

Allyl chloride

Concen: 49.987 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

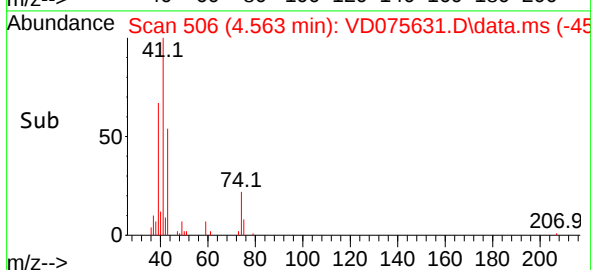
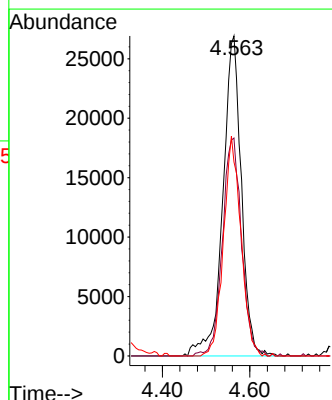
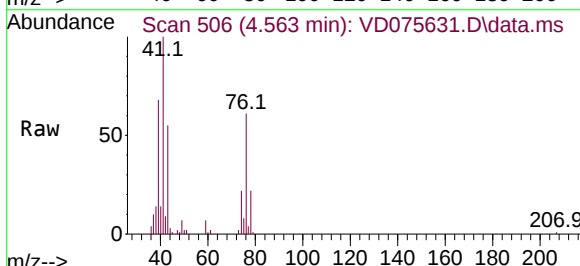
Tgt Ion: 41 Resp: 78765

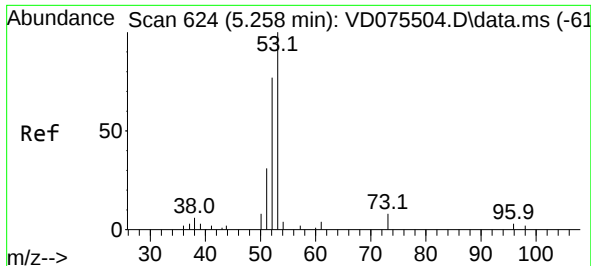
Ion Ratio Lower Upper

41 100

39 70.6 60.6 90.8

76 64.8 28.6 43.0#

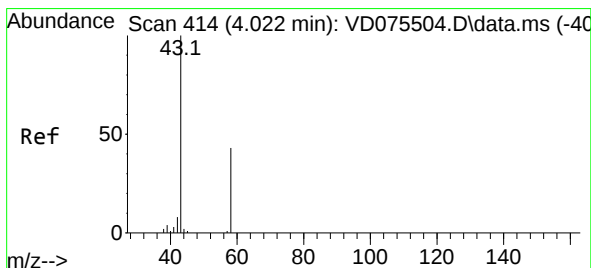
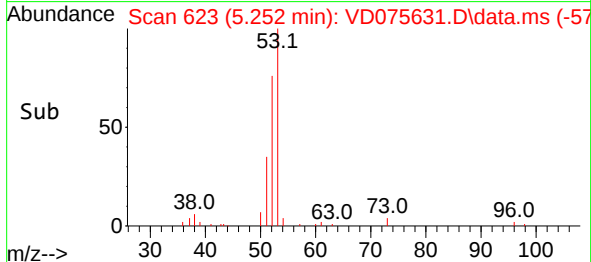
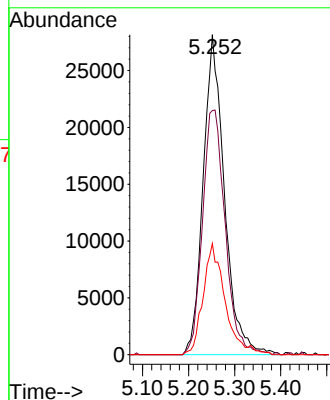
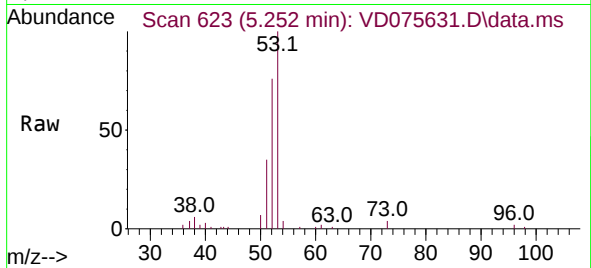




#15
Acrylonitrile
Concen: 276.251 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

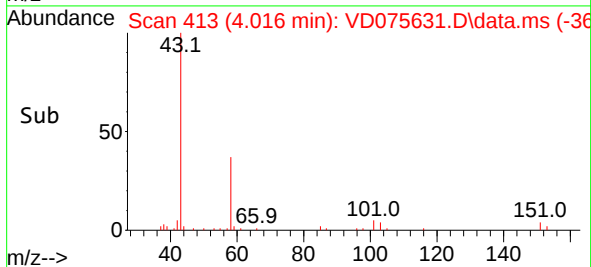
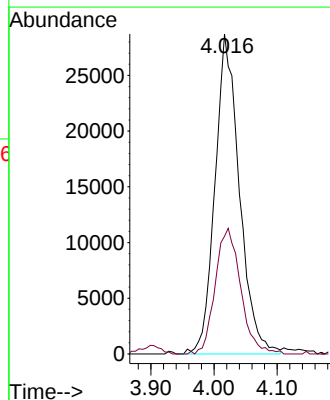
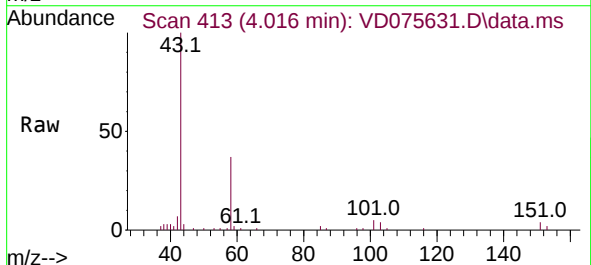
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

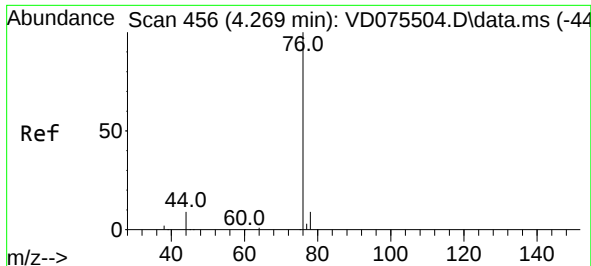
Tgt Ion: 53 Resp: 90355
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.4
51 36.0 30.7 46.1



#16
Acetone
Concen: 273.638 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 43 Resp: 77040
Ion Ratio Lower Upper
43 100
58 36.8 24.4 36.6#

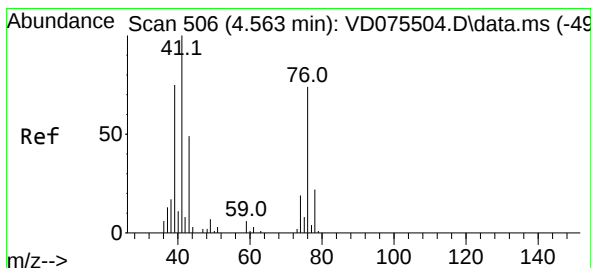
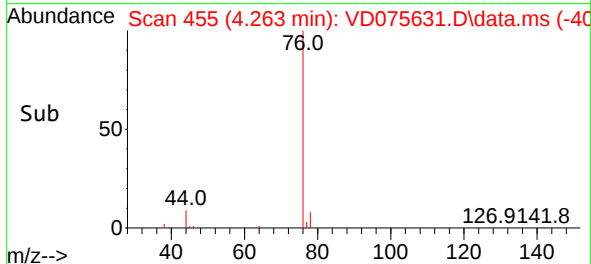
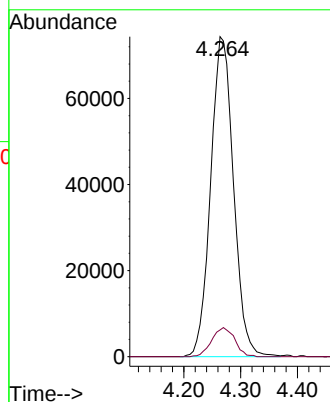
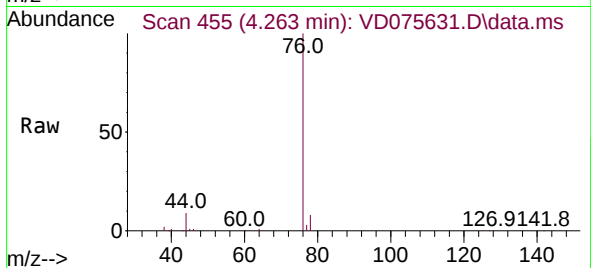




#17
Carbon Disulfide
Concen: 45.921 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

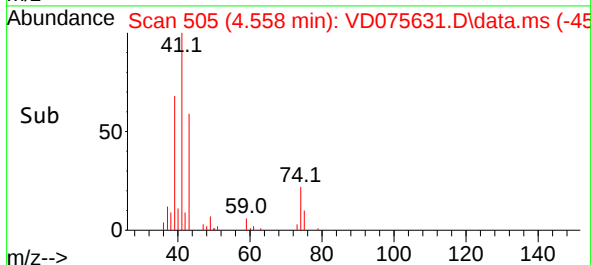
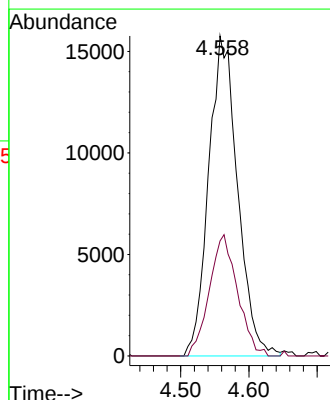
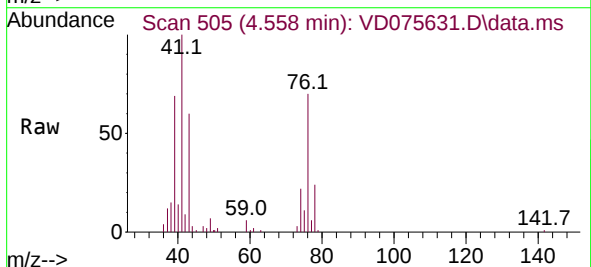
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

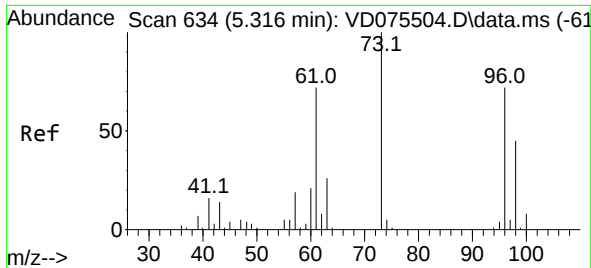
Tgt Ion: 76 Resp: 207514
Ion Ratio Lower Upper
76 100
78 8.4 8.0 12.0



#18
Methyl Acetate
Concen: 54.782 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.011 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 43 Resp: 46548
Ion Ratio Lower Upper
43 100
74 36.9 17.8 26.6#

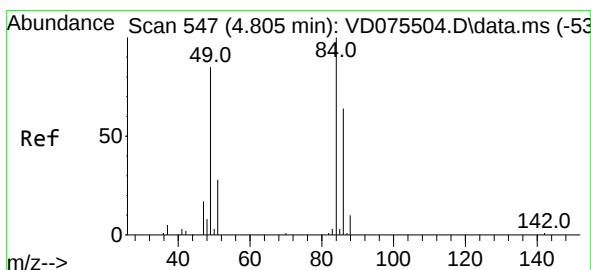
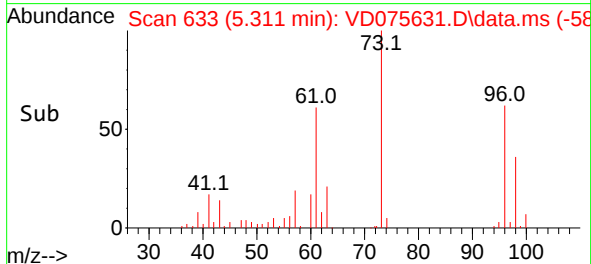
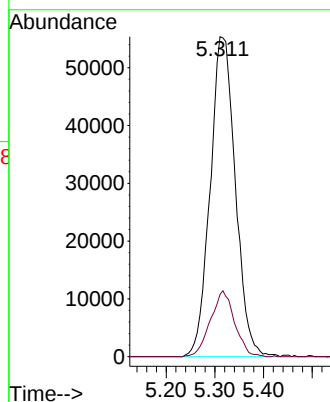
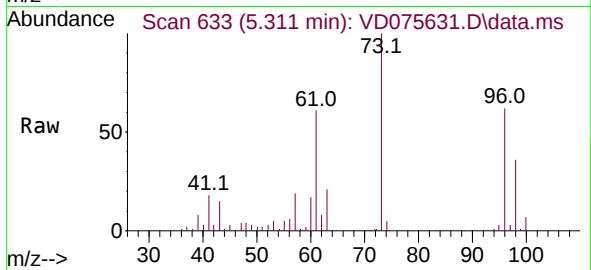




#19
Methyl tert-butyl Ether
Concen: 53.964 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

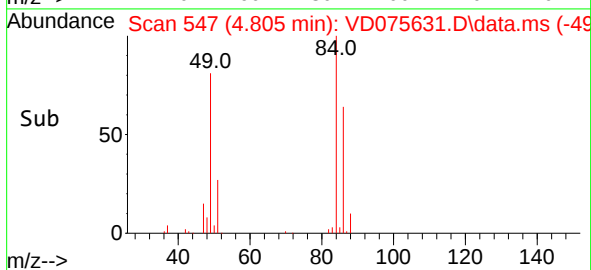
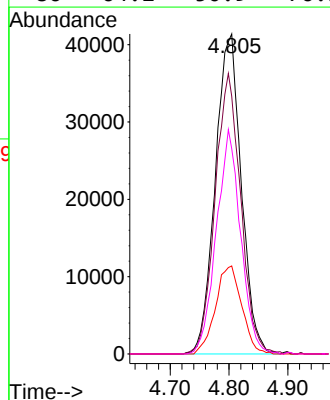
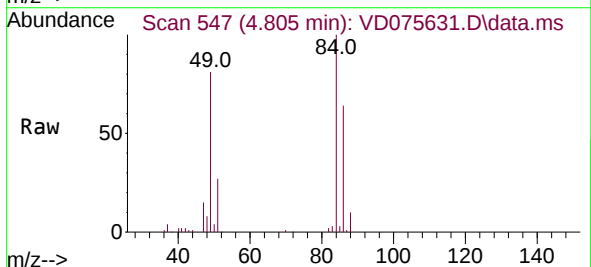
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

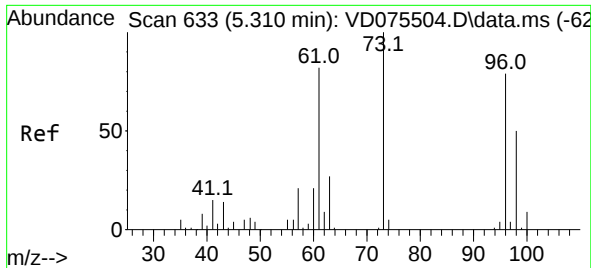
Tgt Ion: 73 Resp: 199129
Ion Ratio Lower Upper
73 100
57 19.5 17.2 25.8



#20
Methylene Chloride
Concen: 54.318 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 84 Resp: 127314
Ion Ratio Lower Upper
84 100
49 80.6 106.4 159.6#
51 27.5 32.4 48.6#
86 64.2 50.9 76.3

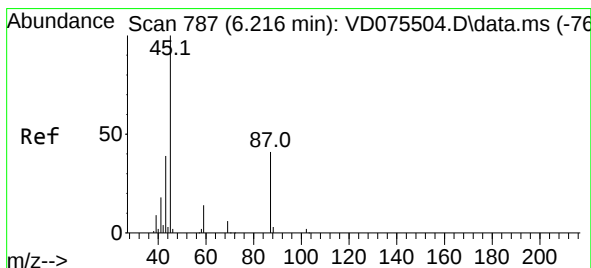
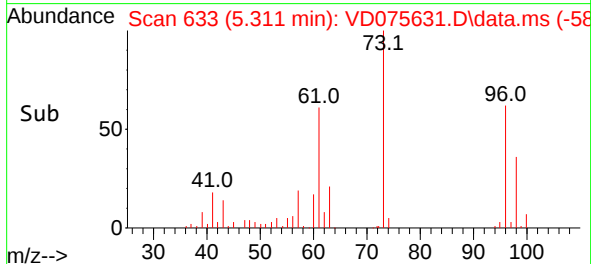
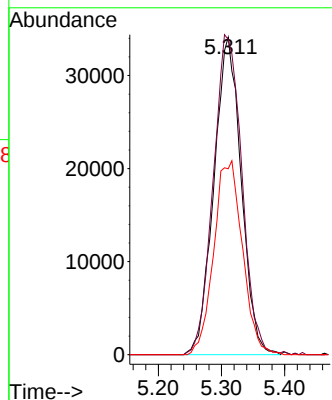
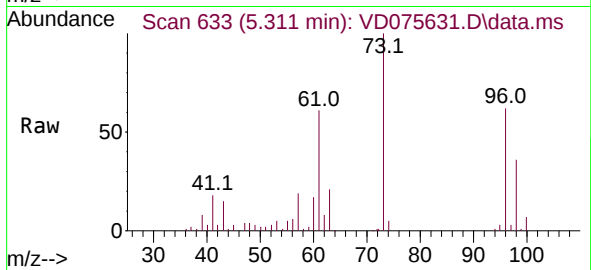




#21
trans-1,2-Dichloroethene
Concen: 49.685 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

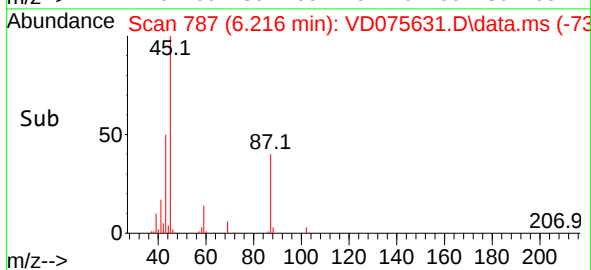
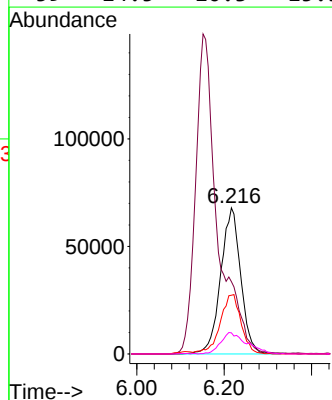
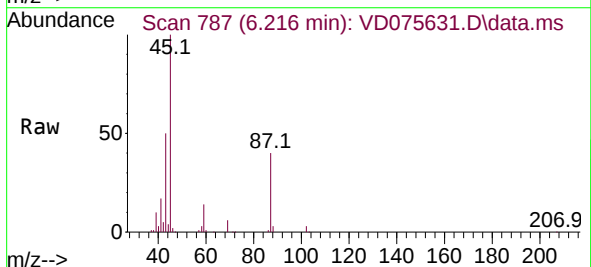
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

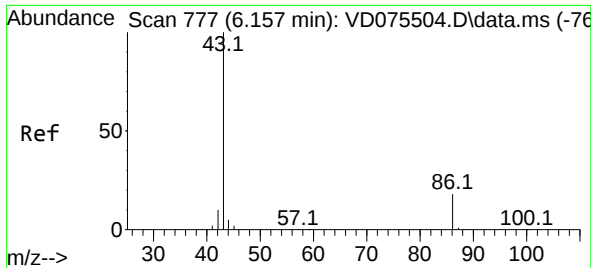
Tgt Ion: 96 Resp: 102395
Ion Ratio Lower Upper
96 100
61 99.3 117.2 175.8#
98 58.6 50.6 76.0



#22
Diisopropyl ether
Concen: 55.902 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 45 Resp: 216078
Ion Ratio Lower Upper
45 100
43 48.9 44.4 66.6
87 40.2 20.9 31.3#
59 14.5 10.3 15.5

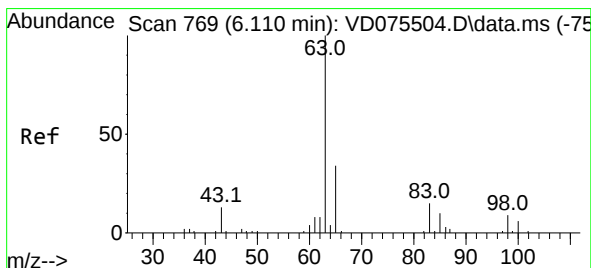
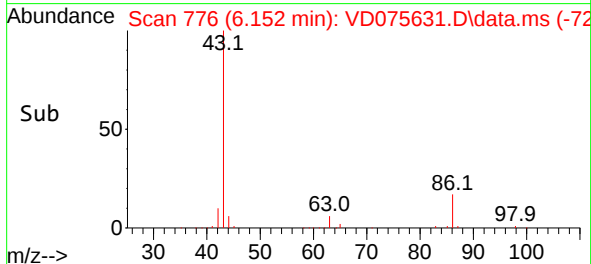
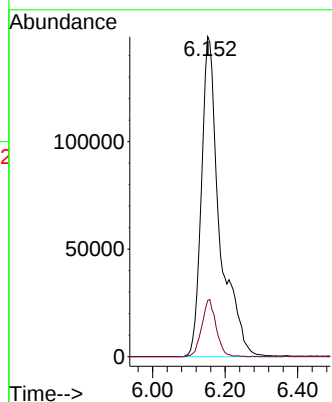
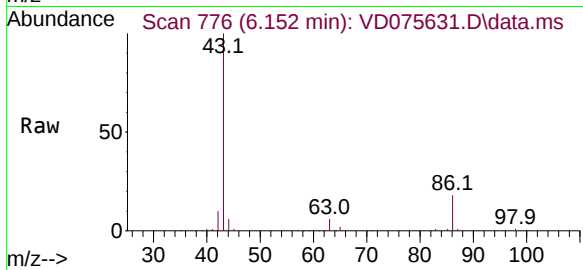




#23
 Vinyl Acetate
 Concen: 286.855 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD075631.D
 Acq: 11 Apr 2023 20:37

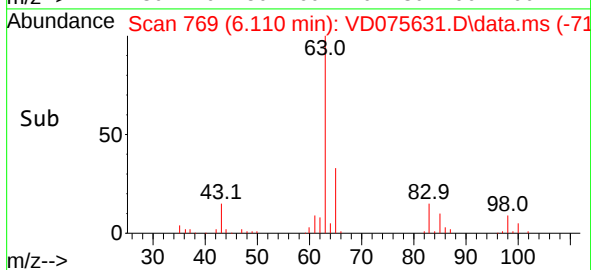
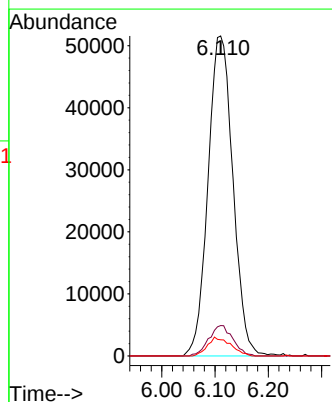
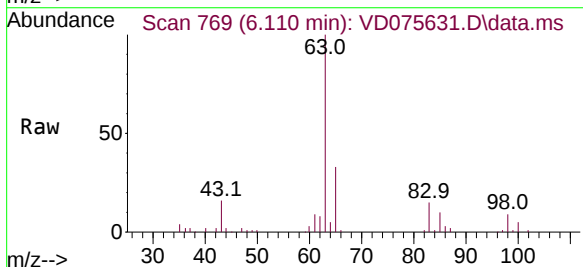
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

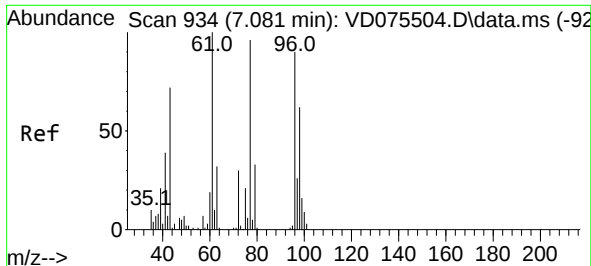
Tgt Ion: 43 Resp: 520401
 Ion Ratio Lower Upper
 43 100
 86 17.6 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 52.447 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075631.D
 Acq: 11 Apr 2023 20:37

Tgt Ion: 63 Resp: 167410
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.9 11.7
 100 5.1 2.0 6.0

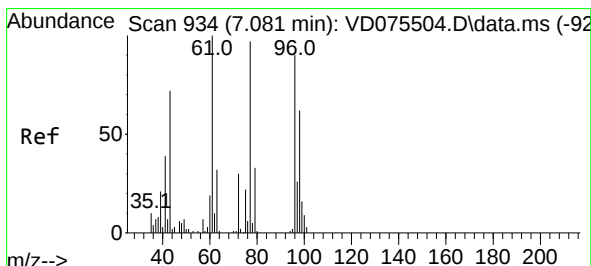
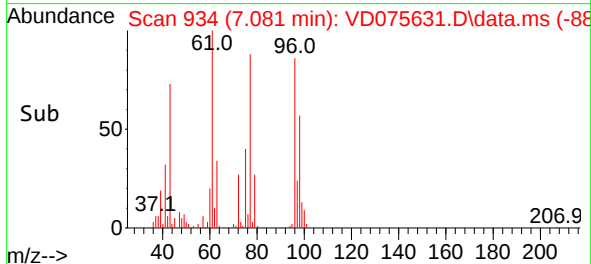
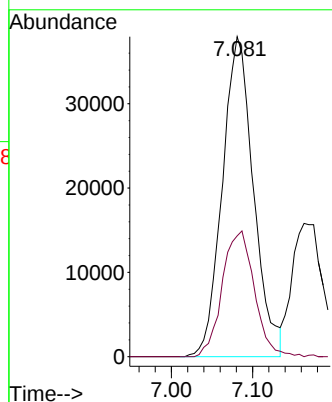
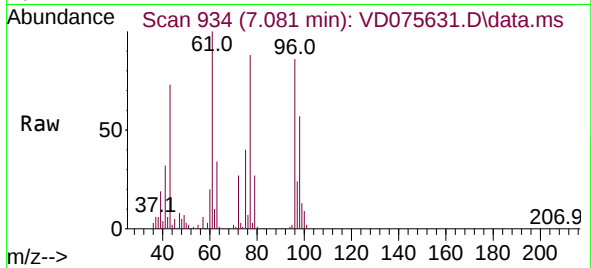




#25
2-Butanone
Concen: 277.513 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

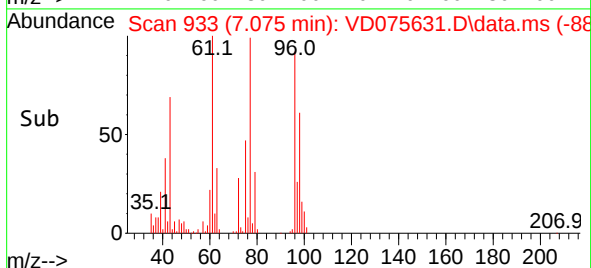
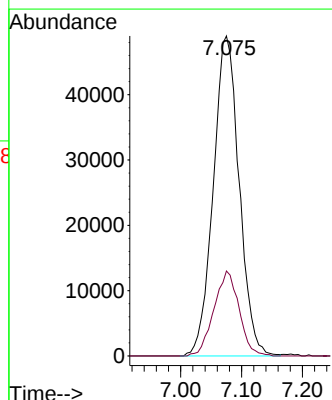
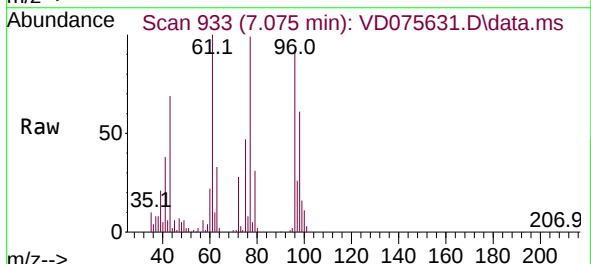
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

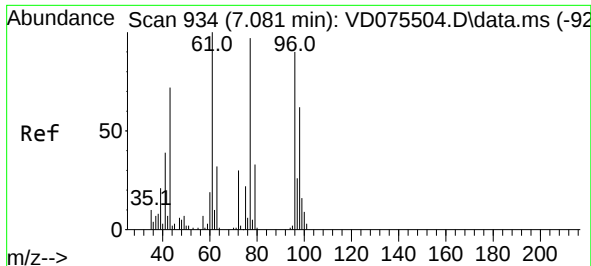
Tgt Ion: 43 Resp: 101396
Ion Ratio Lower Upper
43 100
72 37.7 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 49.390 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 77 Resp: 144622
Ion Ratio Lower Upper
77 100
97 25.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.565 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

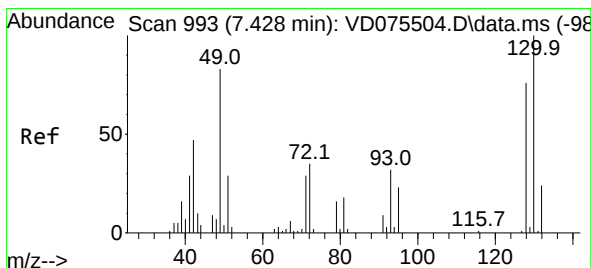
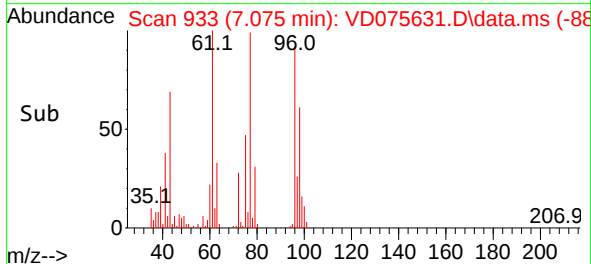
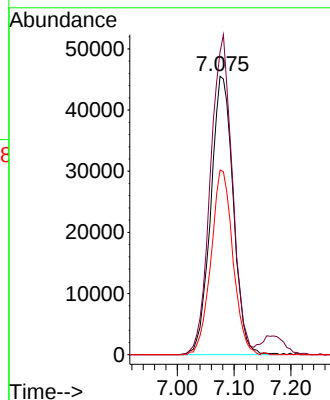
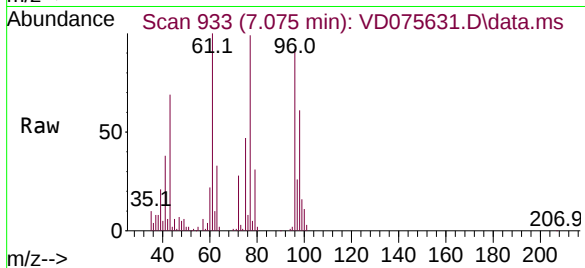
Tgt Ion: 96 Resp: 125123

Ion Ratio Lower Upper

96 100

61 112.1 0.0 295.2

98 64.5 0.0 129.2



#28

Bromochloromethane

Concen: 54.900 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

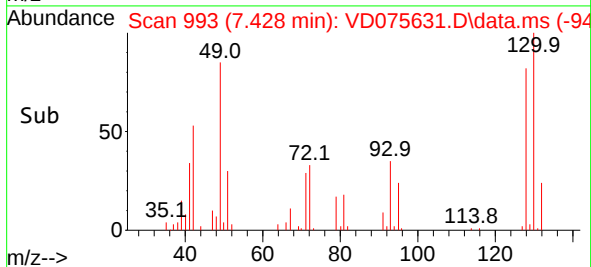
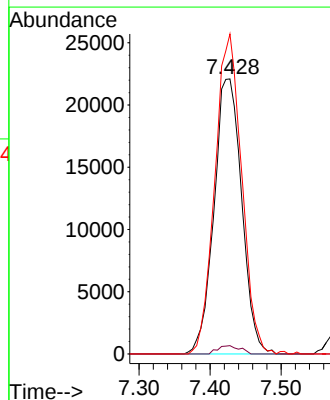
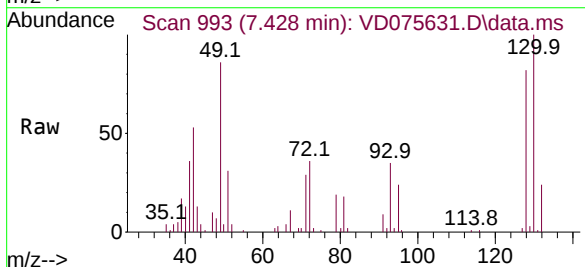
Tgt Ion: 49 Resp: 59875

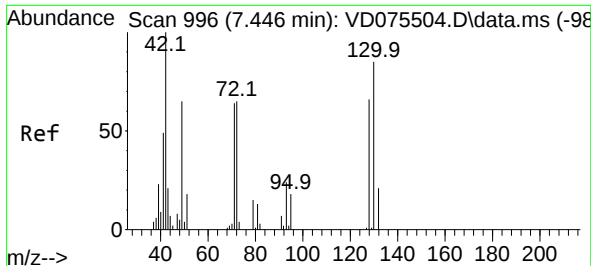
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 112.3 56.0 84.0#





#29

Tetrahydrofuran

Concen: 289.654 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

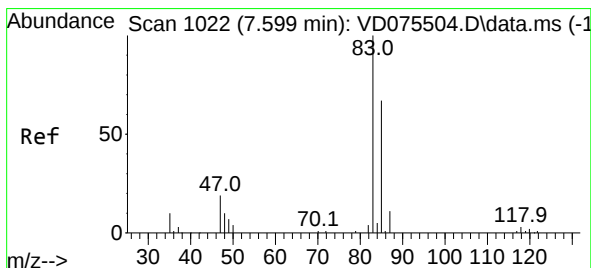
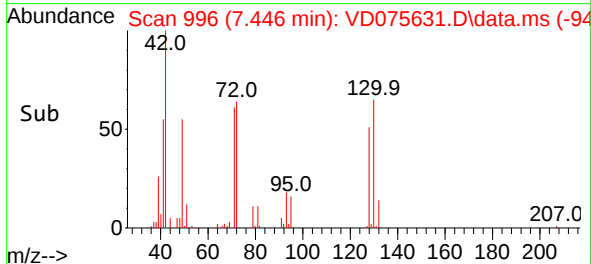
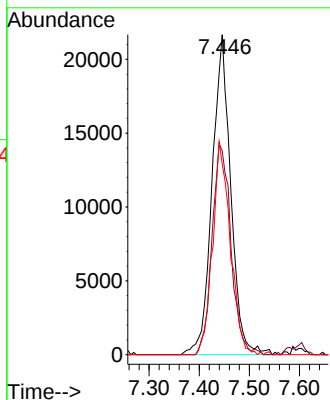
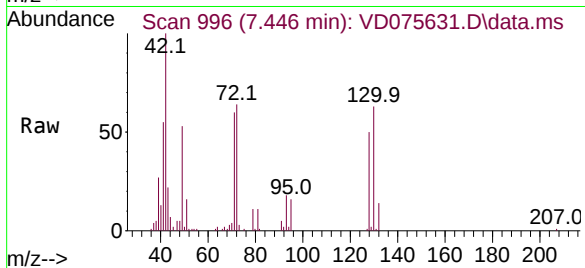
Tgt Ion: 42 Resp: 56044

Ion Ratio Lower Upper

42 100

72 65.8 31.8 47.6#

71 63.1 27.6 41.4#



#30

Chloroform

Concen: 53.665 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075631.D

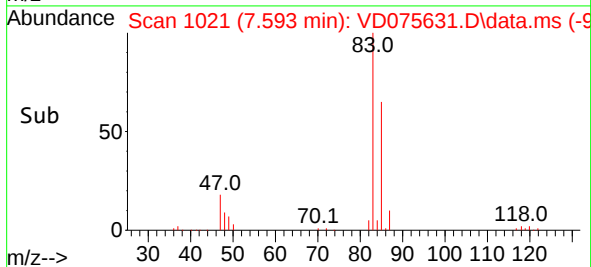
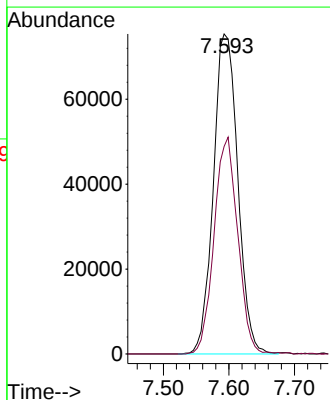
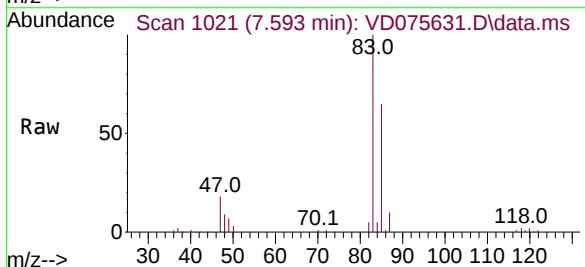
Acq: 11 Apr 2023 20:37

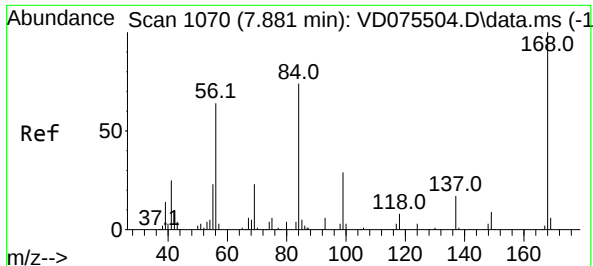
Tgt Ion: 83 Resp: 194871

Ion Ratio Lower Upper

83 100

85 64.9 49.4 74.2

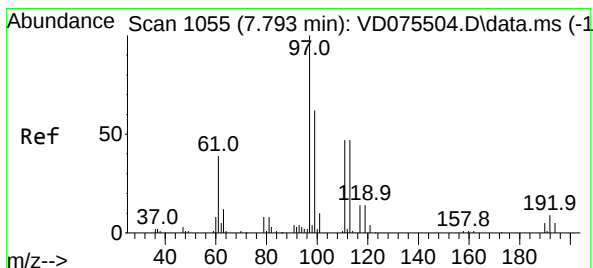
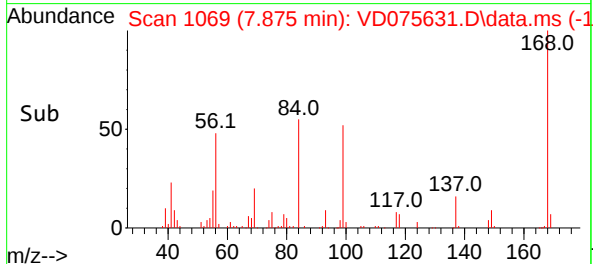
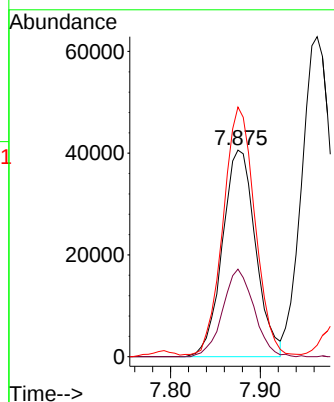
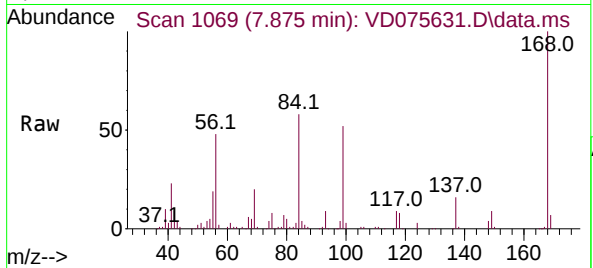




#31
Cyclohexane
Concen: 46.373 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

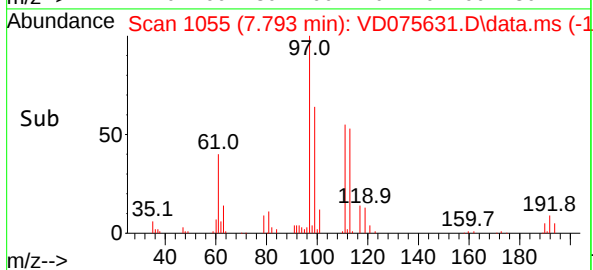
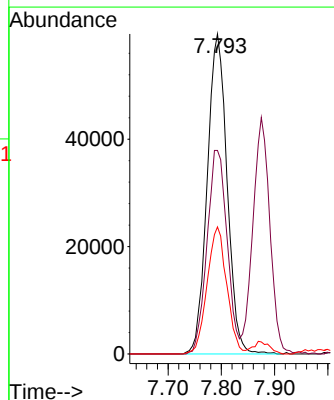
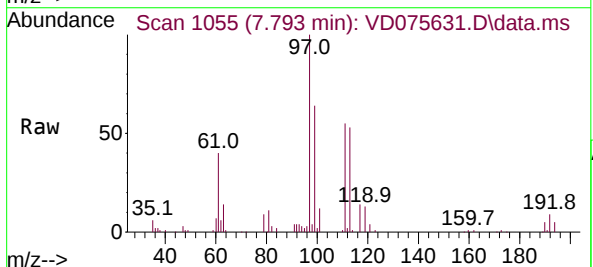
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

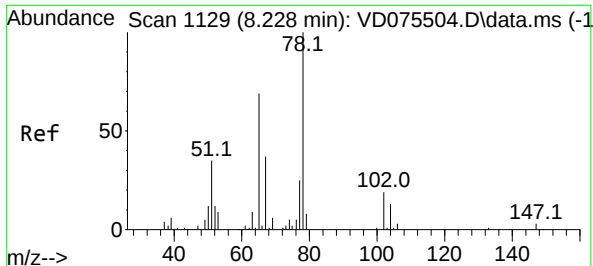
Tgt Ion: 56 Resp: 104244
Ion Ratio Lower Upper
56 100
69 42.4 25.5 38.3#
84 120.1 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 51.105 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 97 Resp: 154436
Ion Ratio Lower Upper
97 100
99 64.3 50.5 75.7
61 39.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 55.687 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

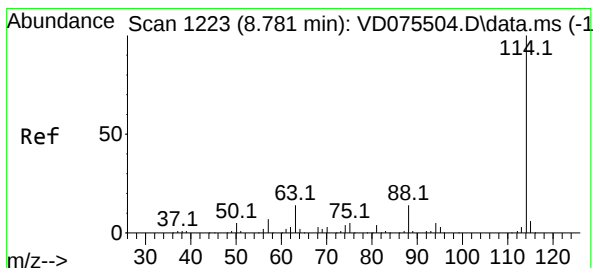
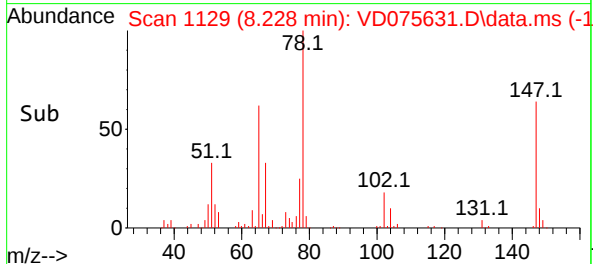
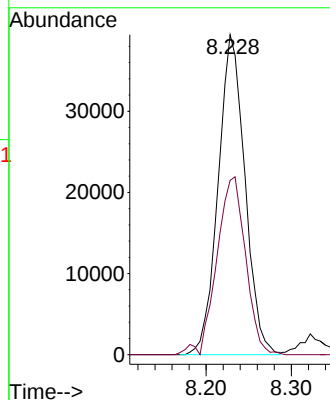
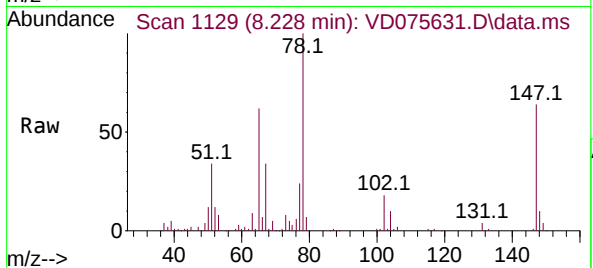
VSTDCCC050EC

Tgt Ion: 65 Resp: 86044

Ion Ratio Lower Upper

65 100

67 59.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

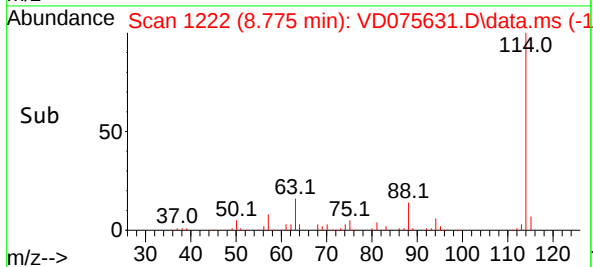
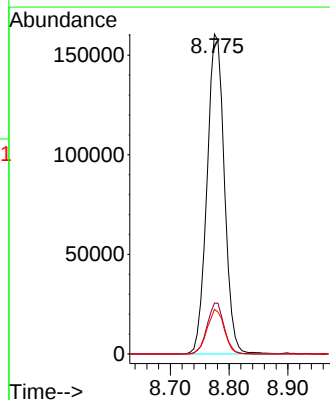
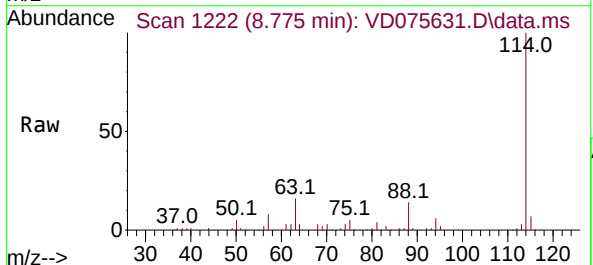
Tgt Ion: 114 Resp: 328761

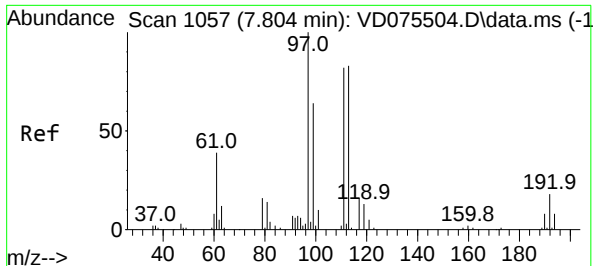
Ion Ratio Lower Upper

114 100

63 15.9 0.0 41.6

88 13.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.083 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

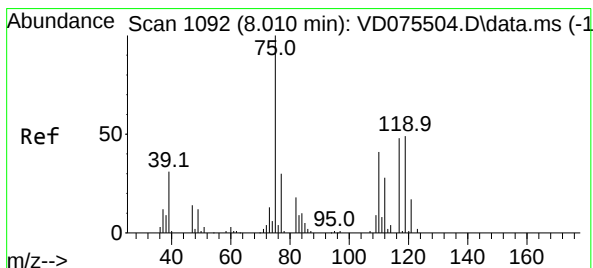
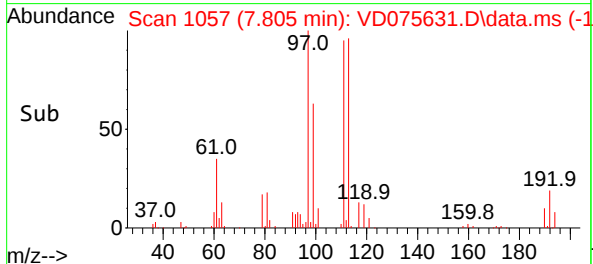
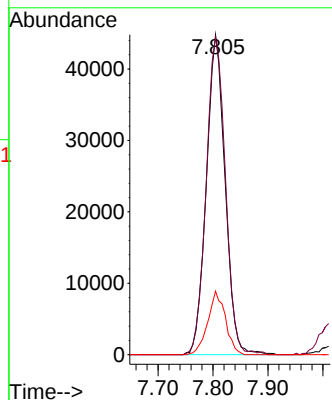
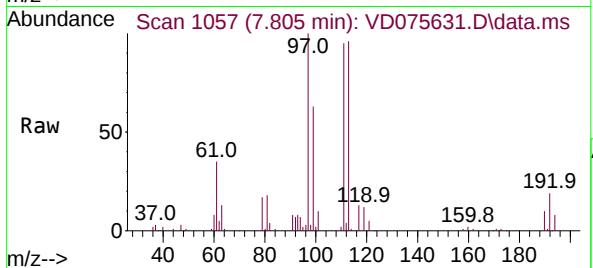
Tgt Ion:113 Resp: 106130

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 18.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 51.291 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

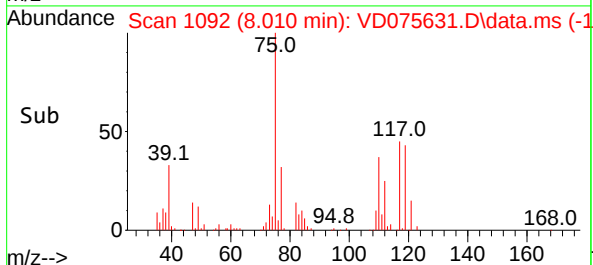
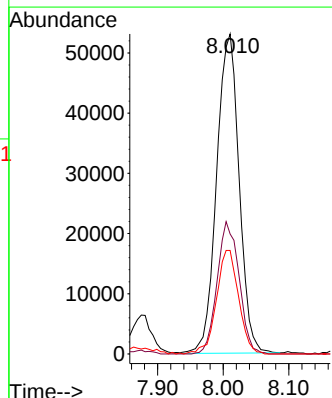
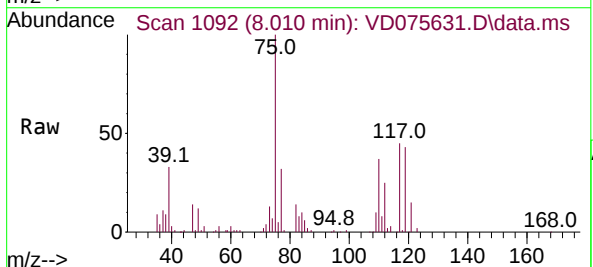
Tgt Ion: 75 Resp: 126210

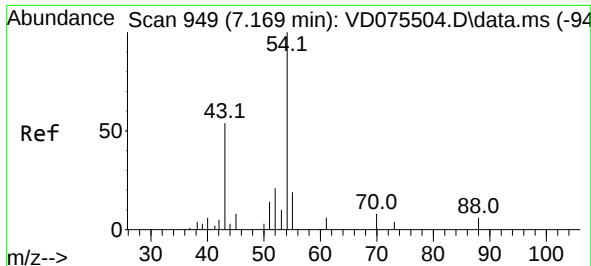
Ion Ratio Lower Upper

75 100

110 40.4 17.1 51.2

77 32.0 24.6 36.8





#37

Ethyl Acetate

Concen: 57.862 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

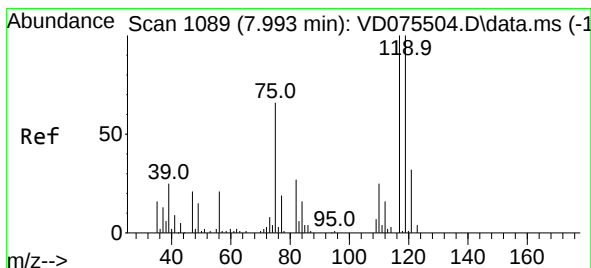
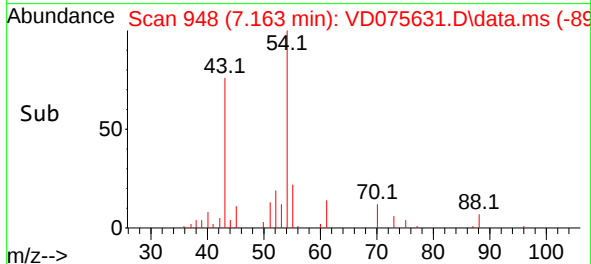
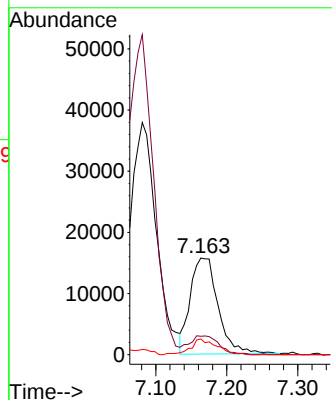
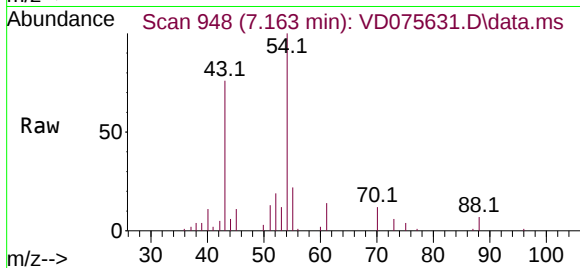
Tgt Ion: 43 Resp: 42807

Ion Ratio Lower Upper

43 100

61 21.1 0.0 0.0#

70 15.1 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 51.664 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

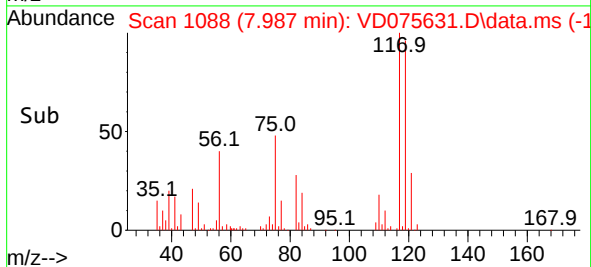
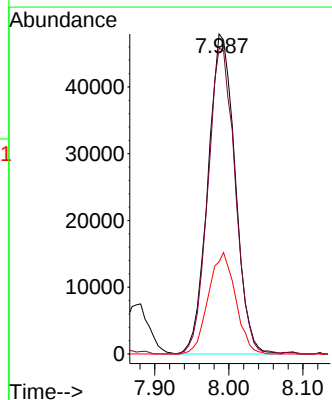
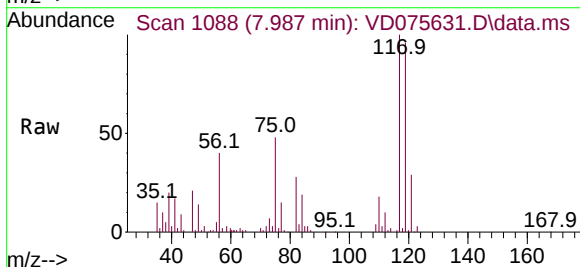
Tgt Ion: 117 Resp: 121913

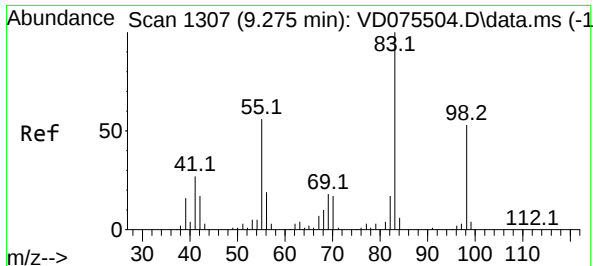
Ion Ratio Lower Upper

117 100

119 95.2 74.7 112.1

121 28.8 25.9 38.9





#39

Methylcyclohexane

Concen: 48.955 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

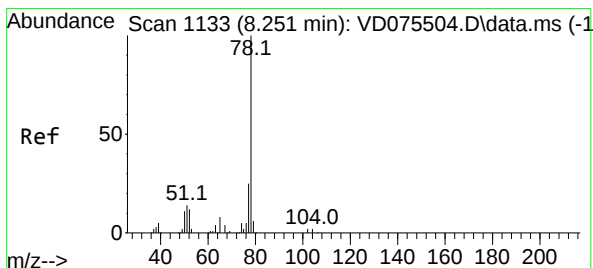
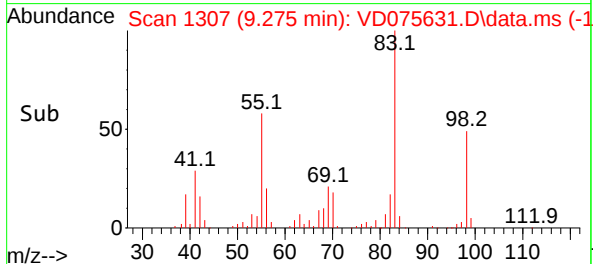
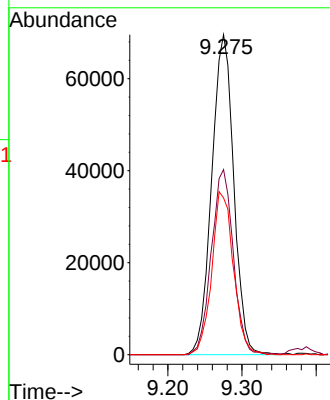
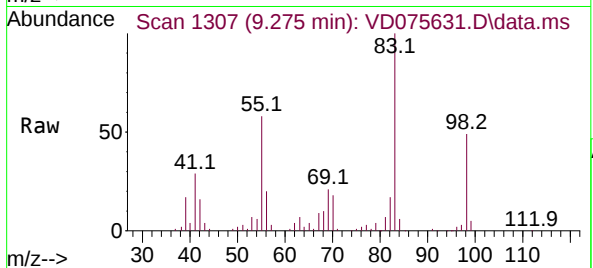
Tgt Ion: 83 Resp: 143442

Ion Ratio Lower Upper

83 100

55 57.8 56.8 85.2

98 49.0 38.9 58.3



#40

Benzene

Concen: 53.898 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075631.D

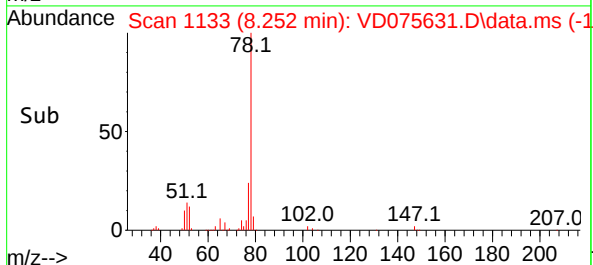
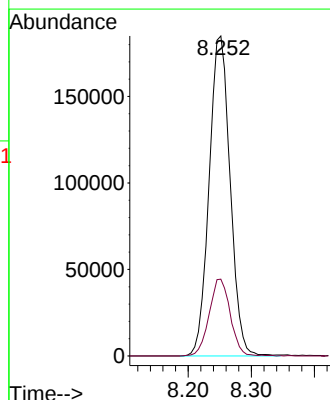
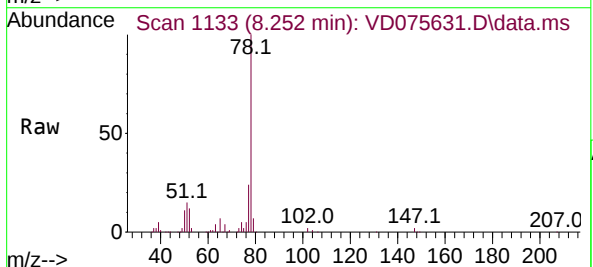
Acq: 11 Apr 2023 20:37

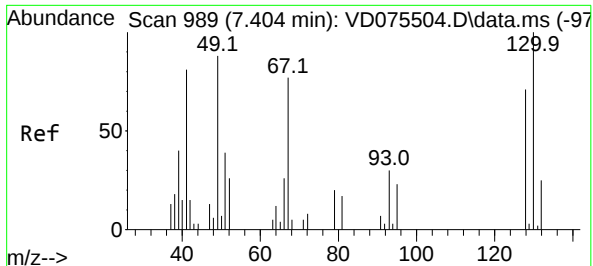
Tgt Ion: 78 Resp: 427353

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

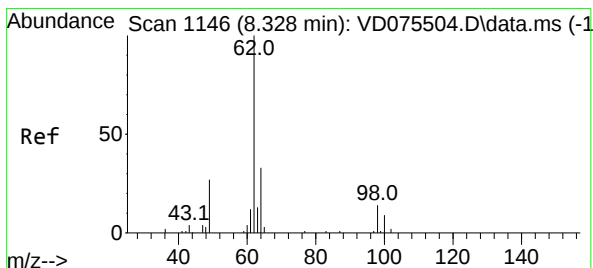
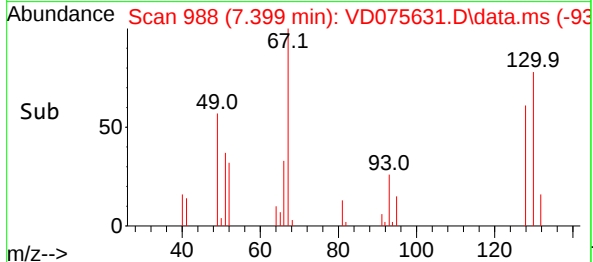
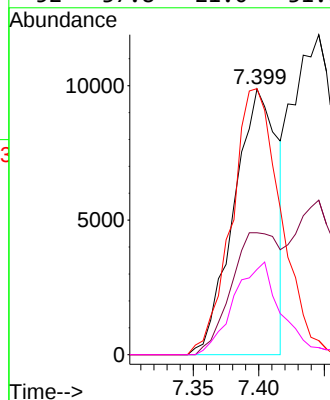
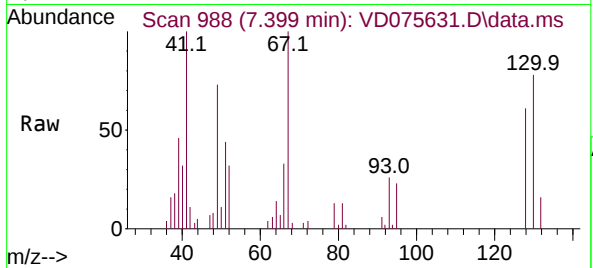




#41
Methacrylonitrile
Concen: 56.567 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

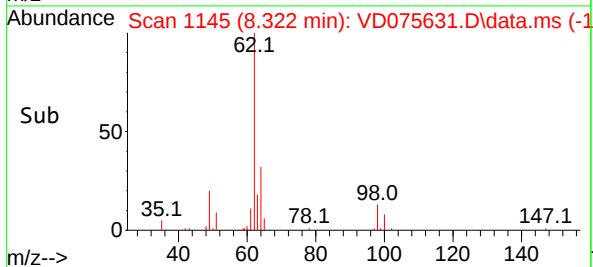
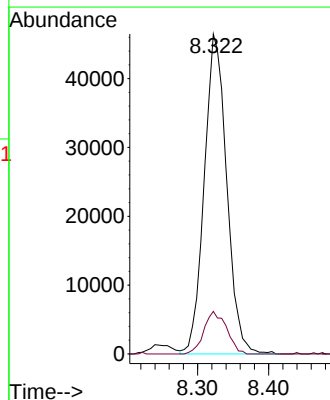
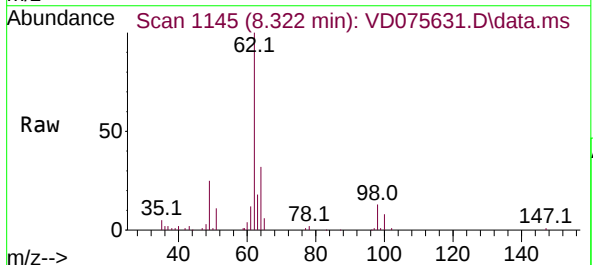
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

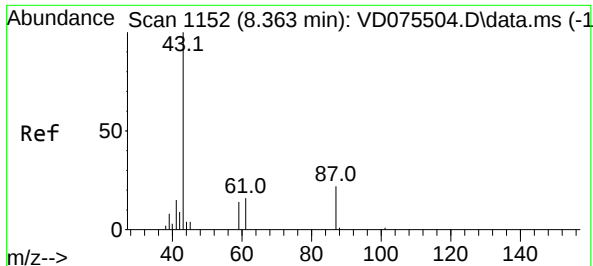
Tgt Ion:	41	Resp:	22918
Ion	Ratio	Lower	Upper
41	100		
39	50.1	45.3	67.9
67	112.2	50.5	75.7#
52	37.8	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 55.447 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion:	62	Resp:	102149
Ion	Ratio	Lower	Upper
62	100		
98	13.4	0.0	18.8

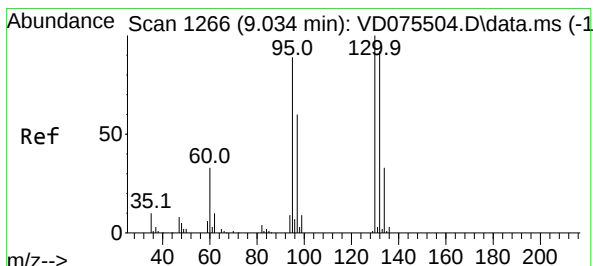
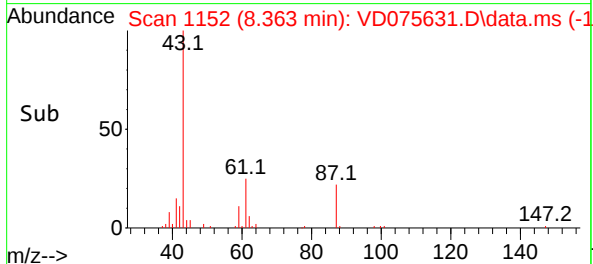
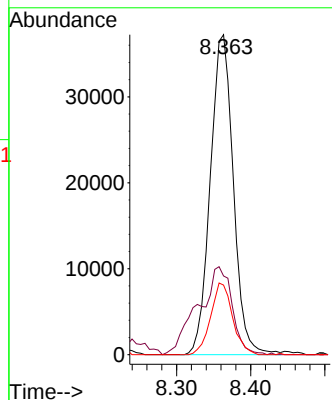
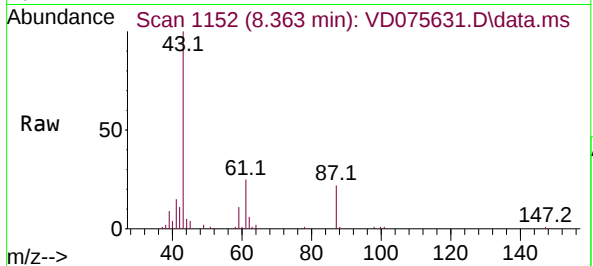




#43
Isopropyl Acetate
Concen: 57.004 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

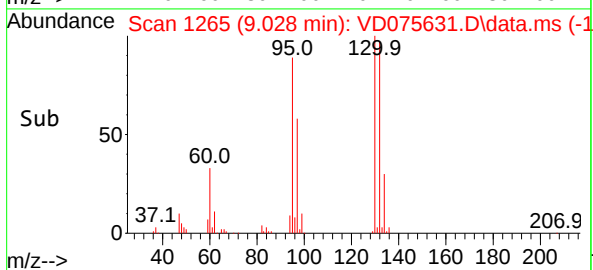
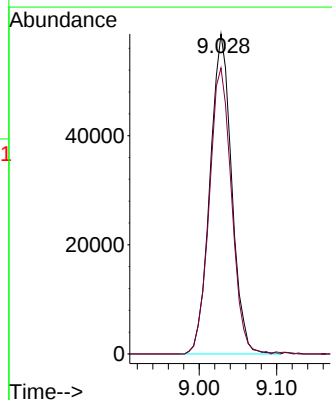
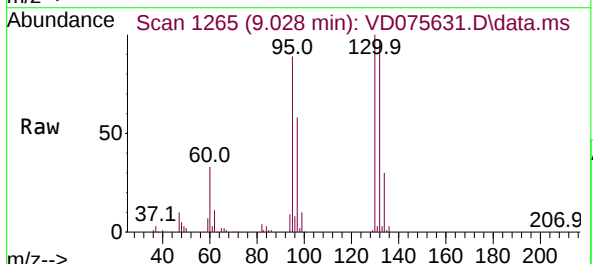
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

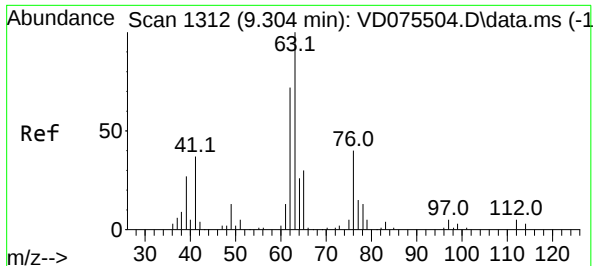
Tgt Ion: 43 Resp: 80505
Ion Ratio Lower Upper
43 100
61 40.5 23.4 35.0#
87 21.4 9.5 14.3#



#44
Trichloroethene
Concen: 49.053 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 130 Resp: 113924
Ion Ratio Lower Upper
130 100
95 89.4 0.0 197.6





#45

1,2-Dichloropropane

Concen: 53.732 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

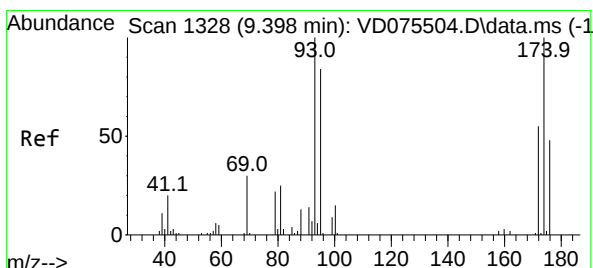
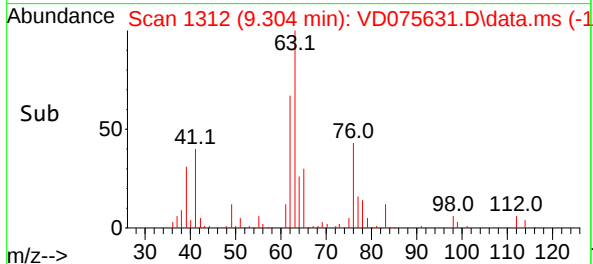
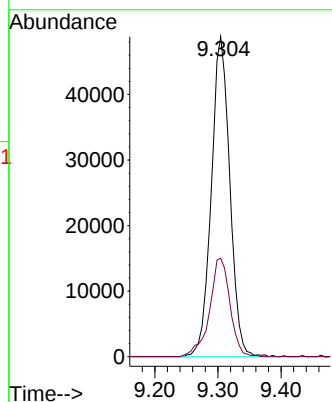
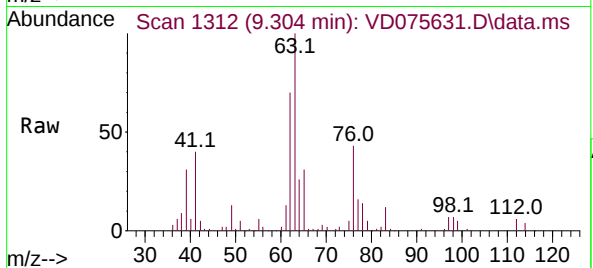
VSTDCCC050EC

Tgt Ion: 63 Resp: 99386

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.4



#46

Dibromomethane

Concen: 55.106 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

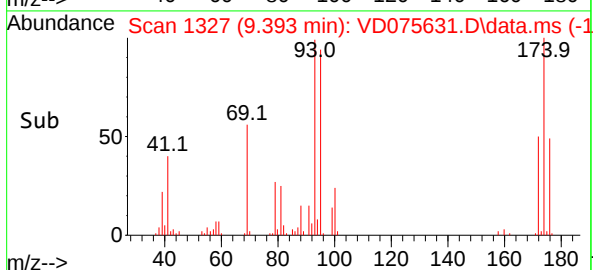
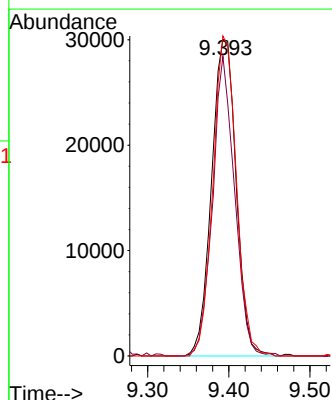
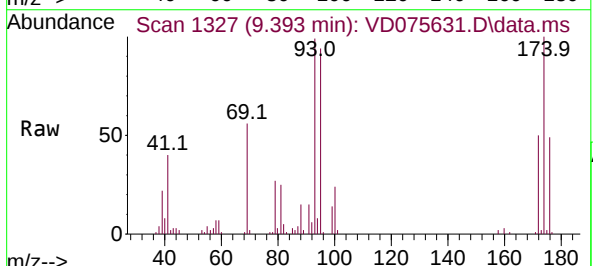
Tgt Ion: 93 Resp: 63285

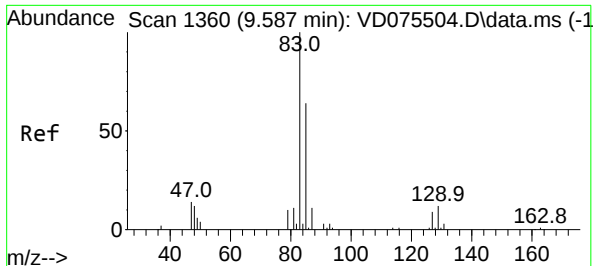
Ion Ratio Lower Upper

93 100

95 84.8 64.5 96.7

174 96.3 76.2 114.4

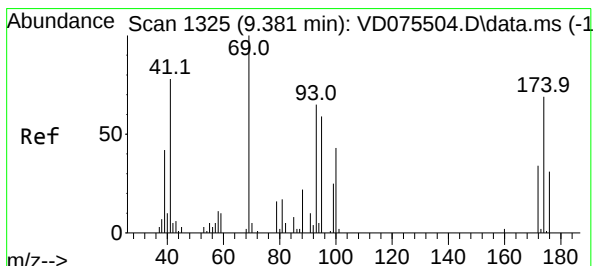
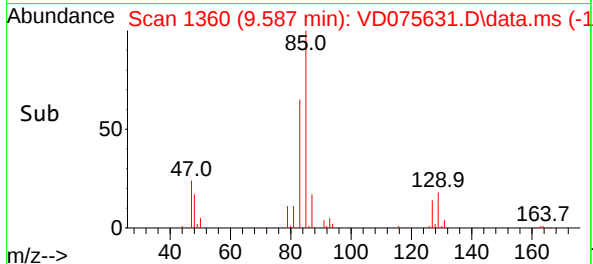
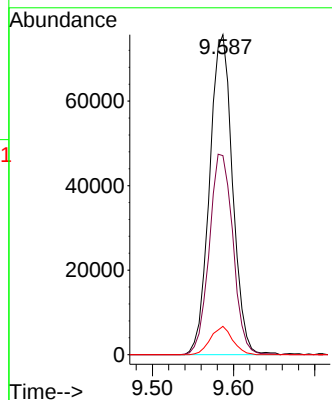
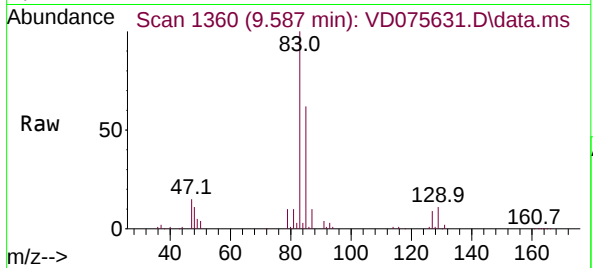




#47
Bromodichloromethane
Concen: 53.571 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

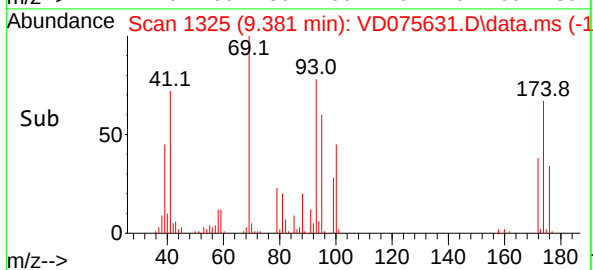
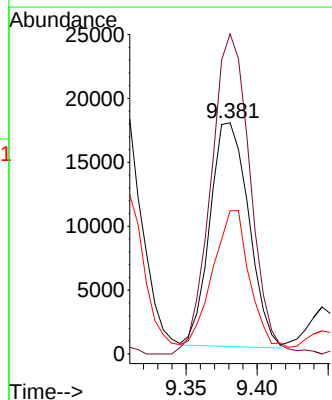
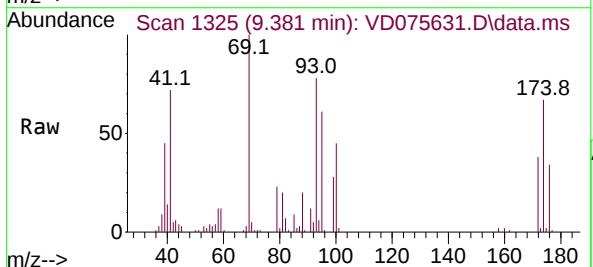
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

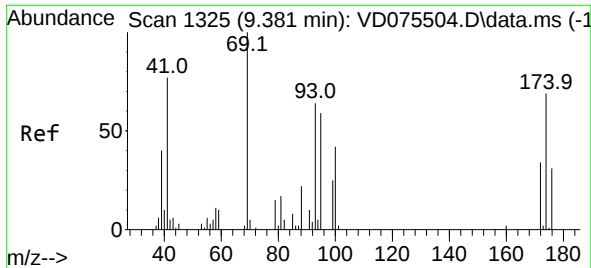
Tgt Ion: 83 Resp: 148780
Ion Ratio Lower Upper
83 100
85 62.2 53.7 80.5
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 51.888 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 41 Resp: 33209
Ion Ratio Lower Upper
41 100
69 145.1 58.6 88.0#
39 64.7 53.4 80.0





#49

1,4-Dioxane

Concen: 1166.618 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

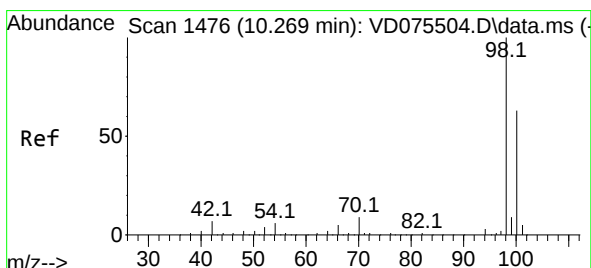
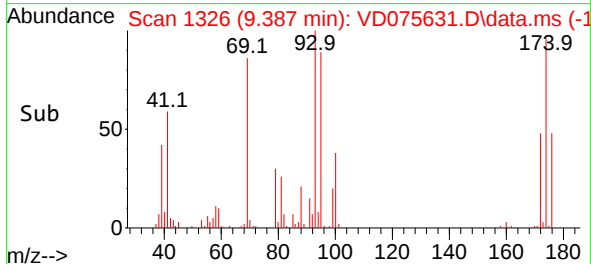
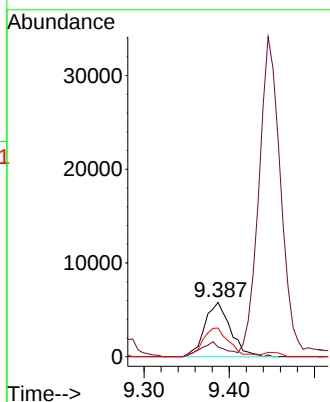
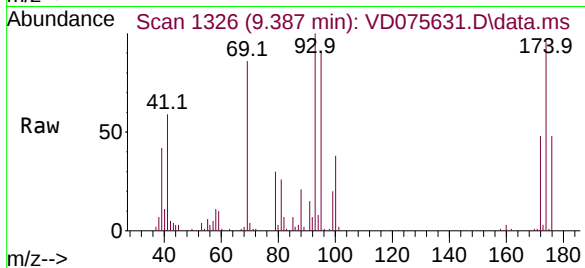
Tgt Ion: 88 Resp: 12145

Ion Ratio Lower Upper

88 100

43 25.0 34.6 51.8#

58 54.3 58.0 87.0#



#50

Toluene-d8

Concen: 54.077 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075631.D

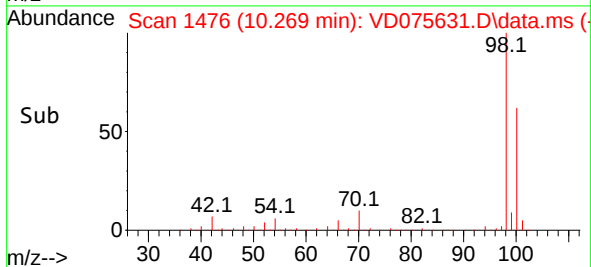
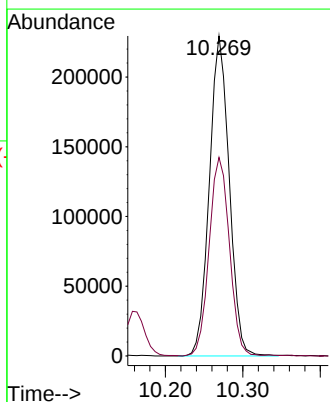
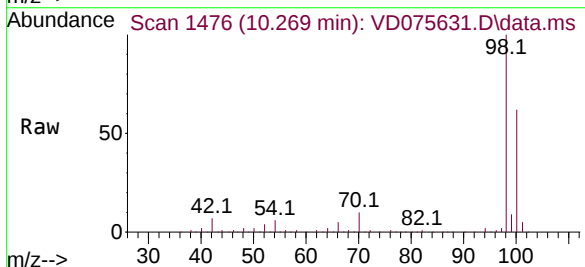
Acq: 11 Apr 2023 20:37

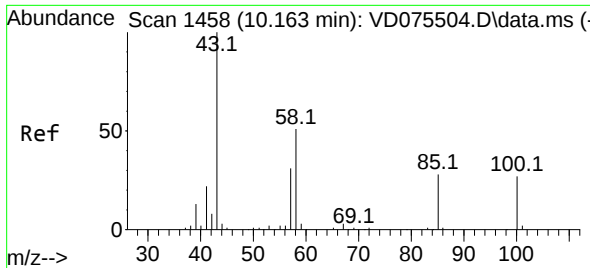
Tgt Ion: 98 Resp: 408677

Ion Ratio Lower Upper

98 100

100 63.2 52.1 78.1

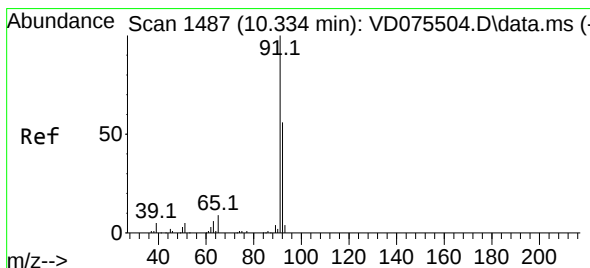
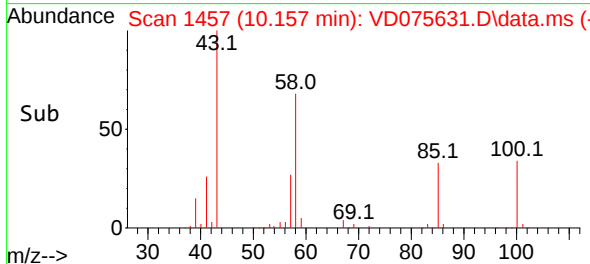
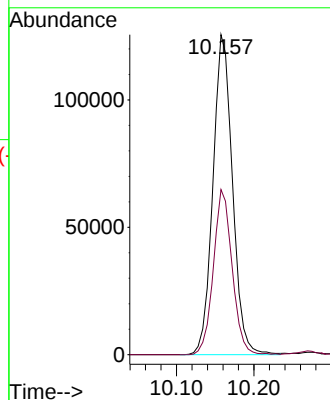
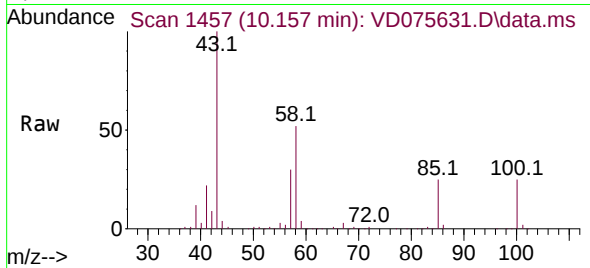




#51
4-Methyl-2-Pentanone
Concen: 290.869 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

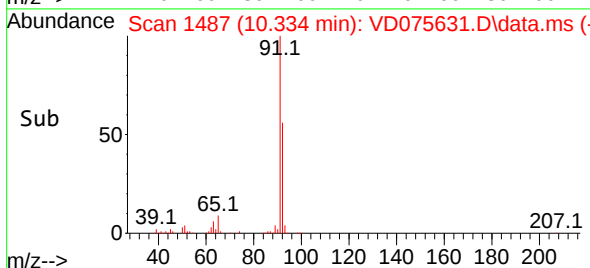
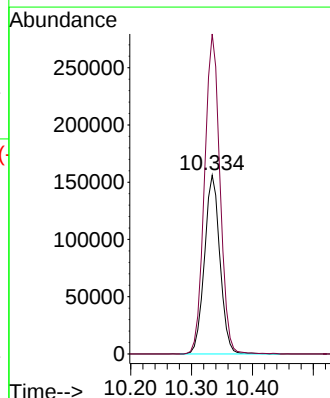
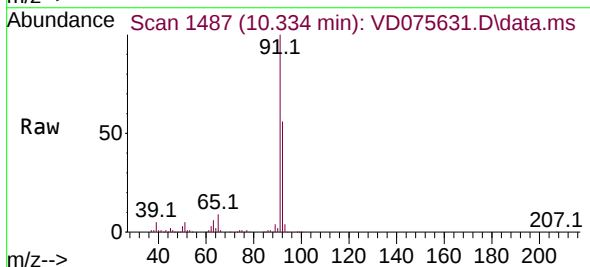
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

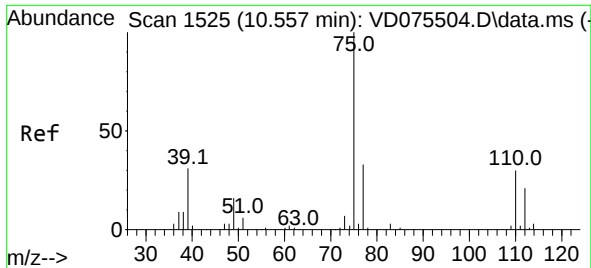
Tgt Ion: 43 Resp: 221134
Ion Ratio Lower Upper
43 100
58 49.5 29.5 44.3#



#52
Toluene
Concen: 51.341 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 92 Resp: 274938
Ion Ratio Lower Upper
92 100
91 179.0 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 54.078 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

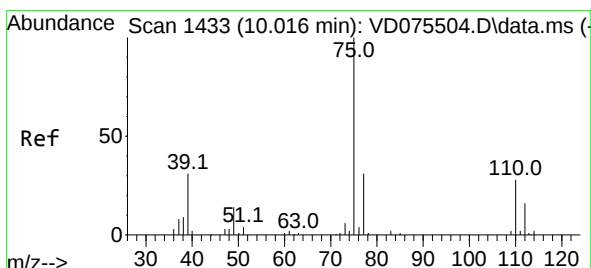
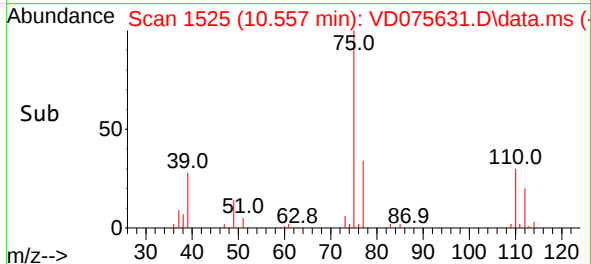
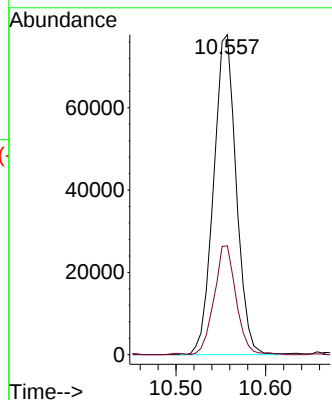
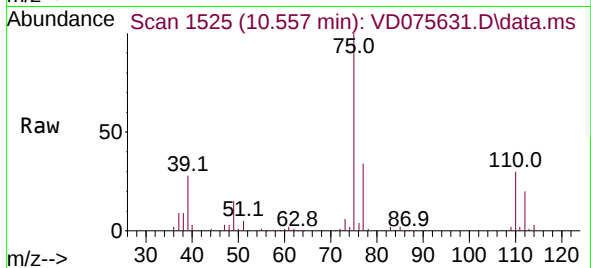
VSTDCCC050EC

Tgt Ion: 75 Resp: 136134

Ion Ratio Lower Upper

75 100

77 33.8 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 52.984 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

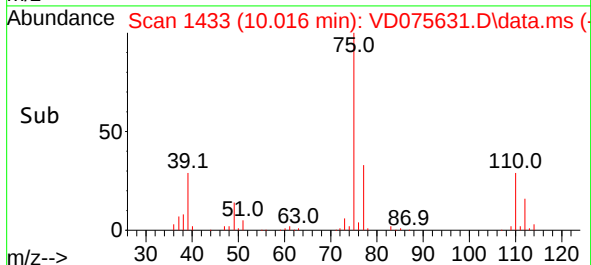
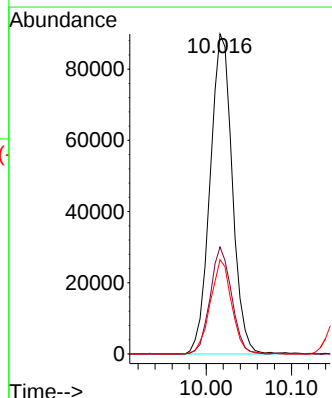
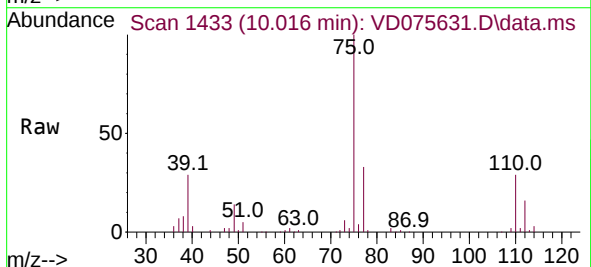
Tgt Ion: 75 Resp: 162174

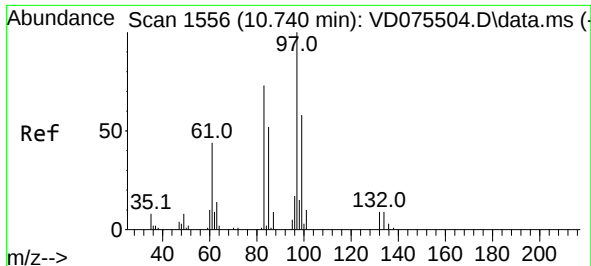
Ion Ratio Lower Upper

75 100

77 33.5 25.6 38.4

39 29.5 44.8 67.2#

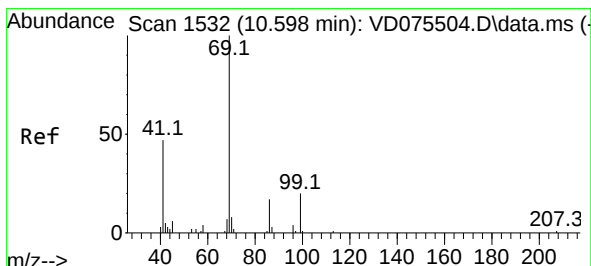
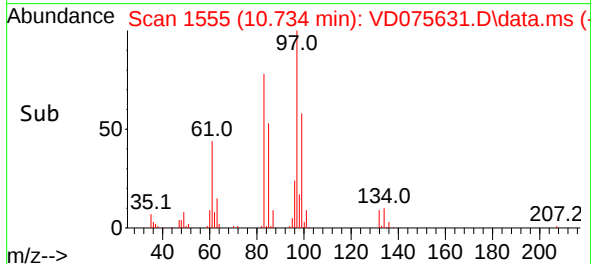
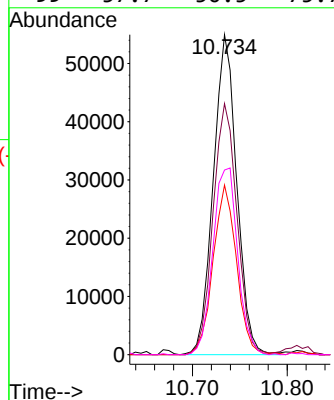
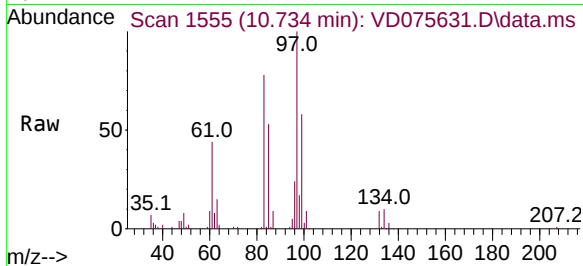




#55
1,1,2-Trichloroethane
Concen: 55.934 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

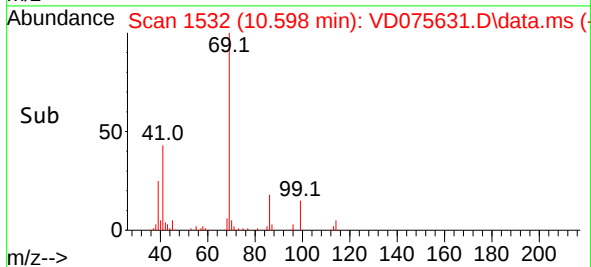
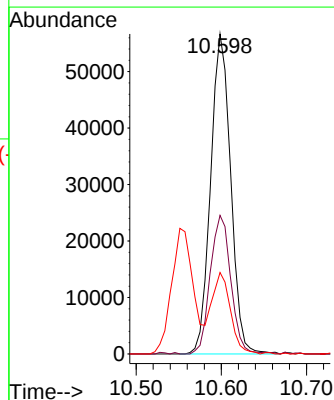
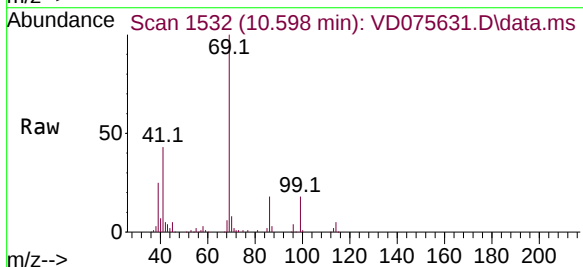
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

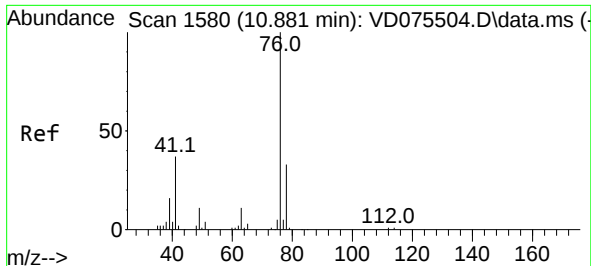
Tgt Ion:	97	Resp:	94728
Ion	Ratio	Lower	Upper
97	100		
83	78.4	74.2	111.4
85	53.0	45.4	68.0
99	57.7	50.5	75.7



#56
Ethyl methacrylate
Concen: 56.855 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion:	69	Resp:	92808
Ion	Ratio	Lower	Upper
69	100		
41	44.5	59.3	88.9#
39	23.5	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 54.362 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

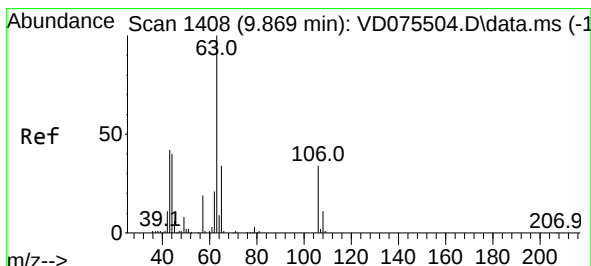
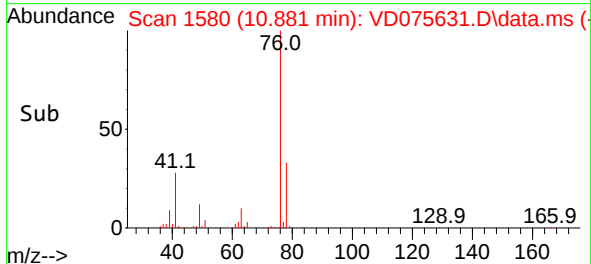
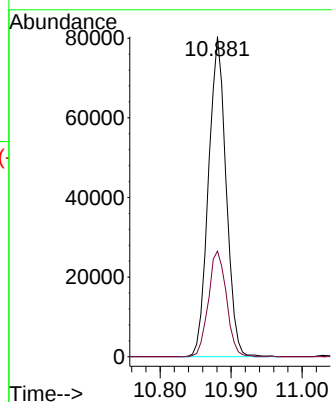
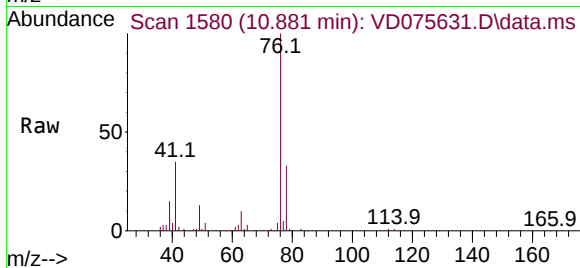
VSTDCCC050EC

Tgt Ion: 76 Resp: 138624

Ion Ratio Lower Upper

76 100

78 33.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 295.221 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075631.D

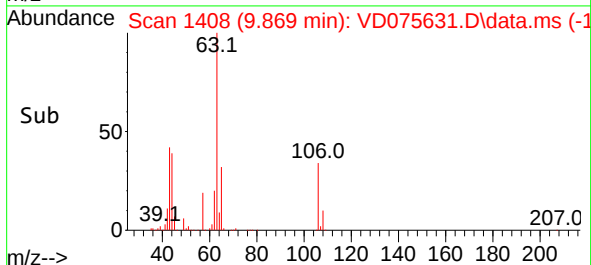
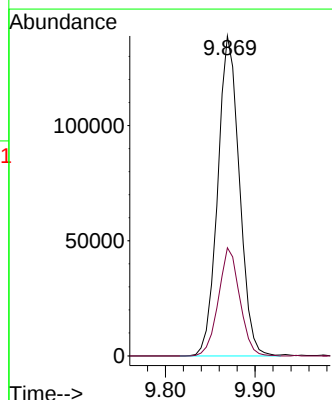
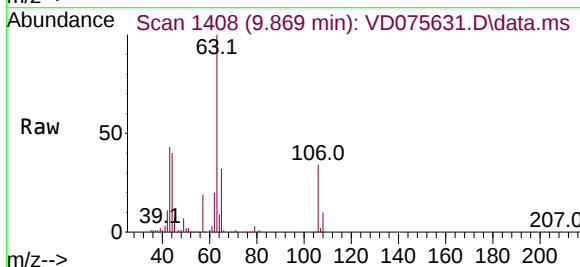
Acq: 11 Apr 2023 20:37

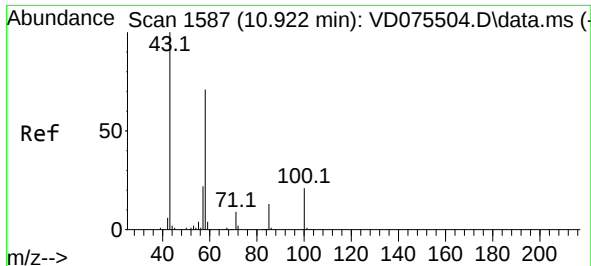
Tgt Ion: 63 Resp: 232998

Ion Ratio Lower Upper

63 100

106 33.2 21.4 32.2#

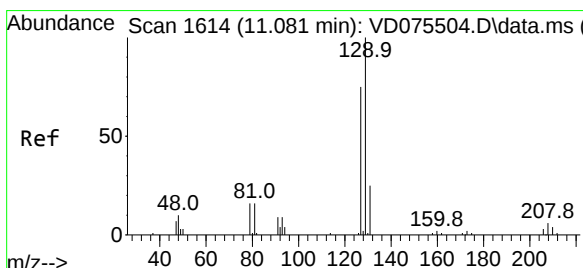
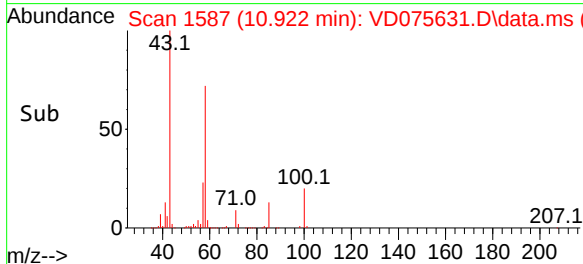
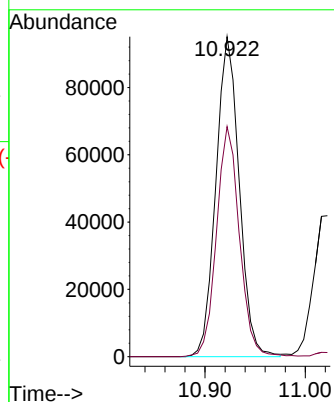
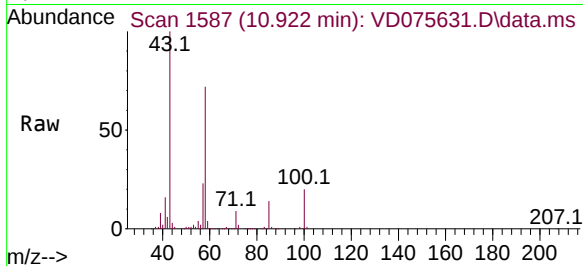




#59
2-Hexanone
Concen: 286.696 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

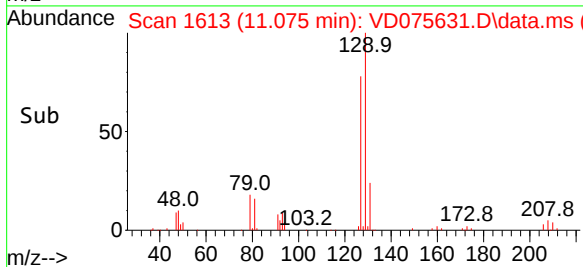
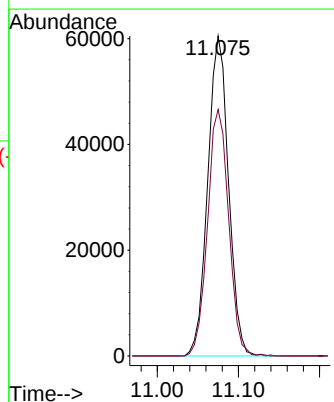
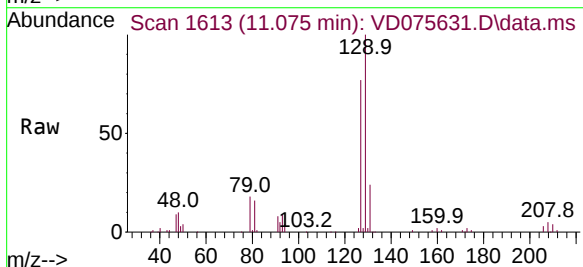
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

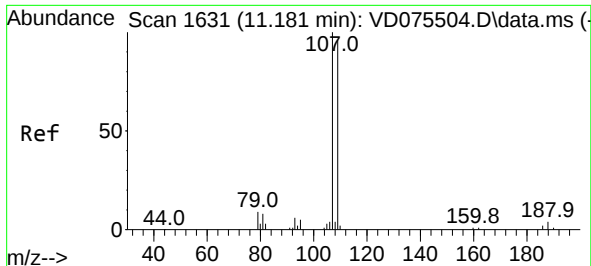
Tgt Ion: 43 Resp: 153552
Ion Ratio Lower Upper
43 100
58 70.6 25.3 75.8



#60
Dibromochloromethane
Concen: 53.112 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 129 Resp: 107395
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.5

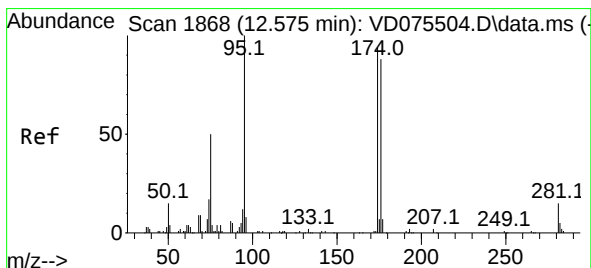
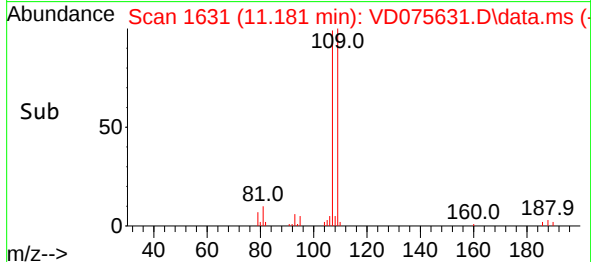
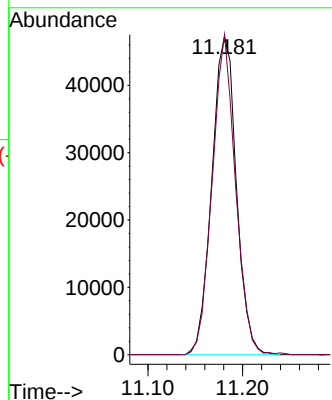
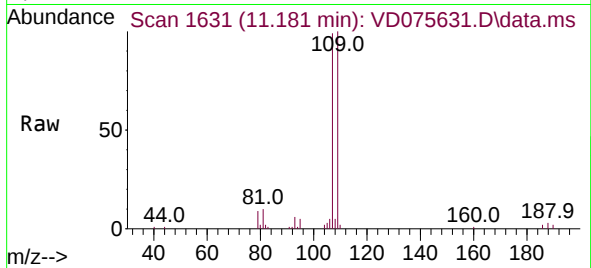




#61
1,2-Dibromoethane
Concen: 52.347 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

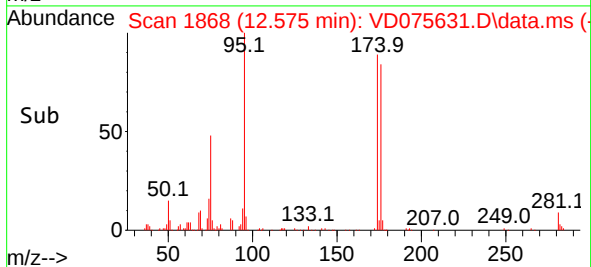
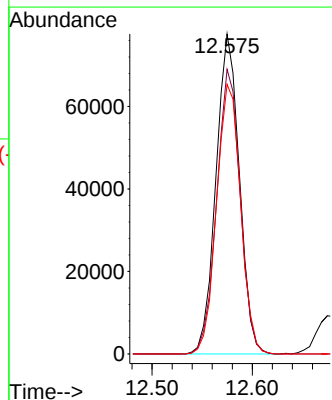
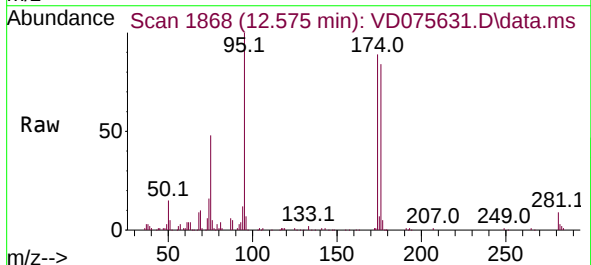
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

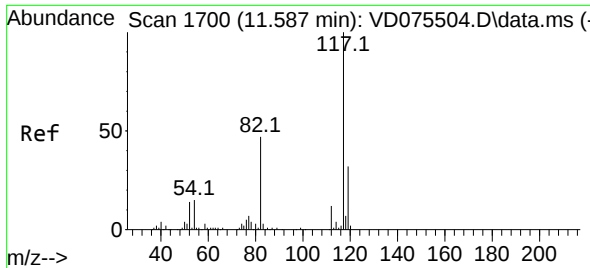
Tgt Ion:107 Resp: 84730
Ion Ratio Lower Upper
107 100
109 95.8 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 53.653 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 95 Resp: 125632
Ion Ratio Lower Upper
95 100
174 89.0 0.0 164.0
176 86.6 0.0 156.8

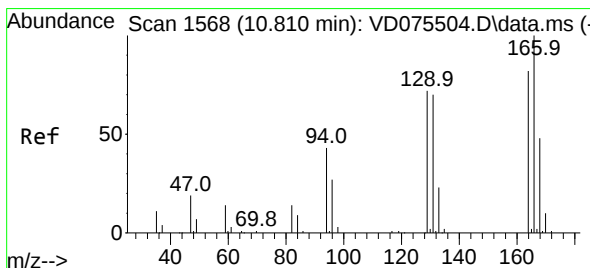
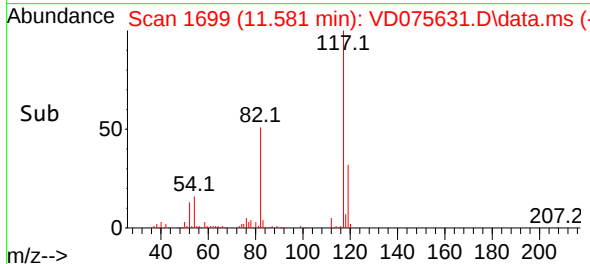
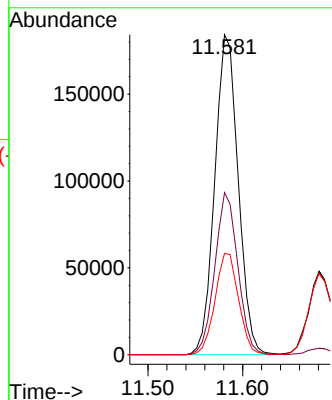
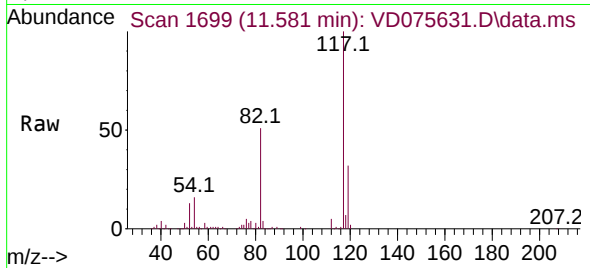




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

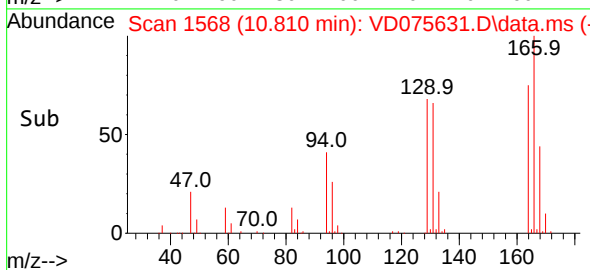
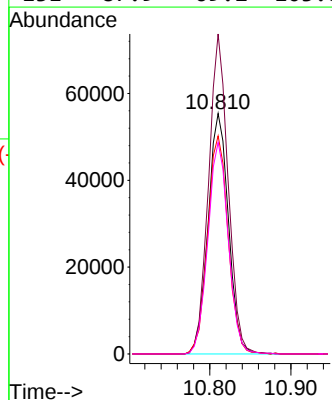
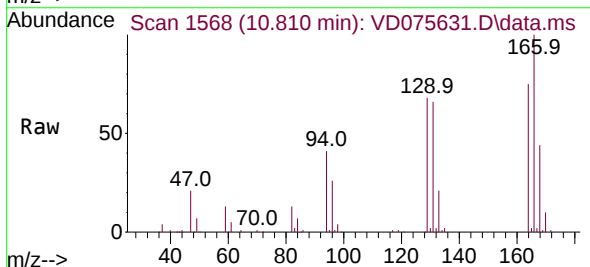
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

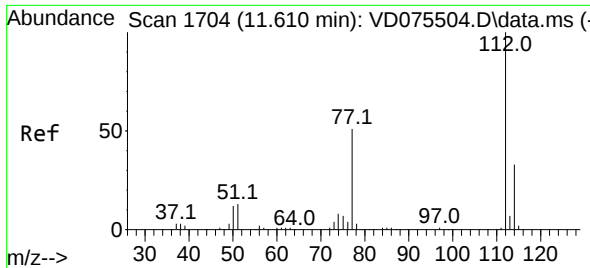
Tgt Ion:117 Resp: 317232
Ion Ratio Lower Upper
117 100
82 50.6 44.0 66.0
119 31.6 25.1 37.7



#64
Tetrachloroethene
Concen: 50.885 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion:164 Resp: 97091
Ion Ratio Lower Upper
164 100
166 133.1 94.9 142.3
129 90.7 73.0 109.6
131 87.9 69.2 103.8

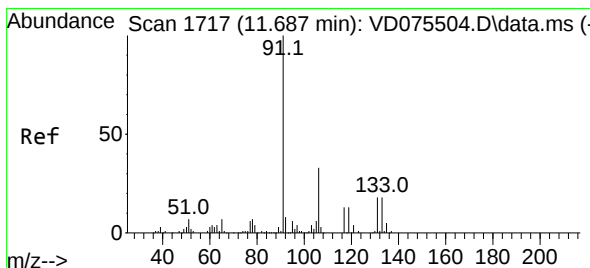
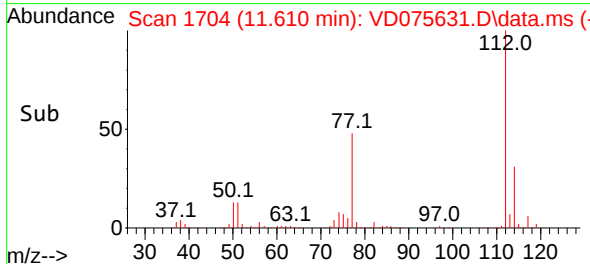
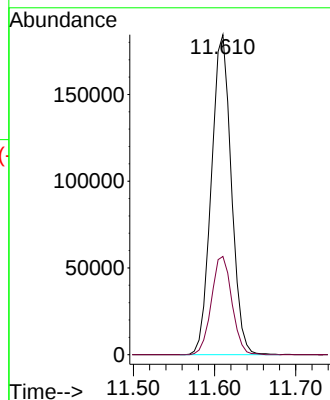
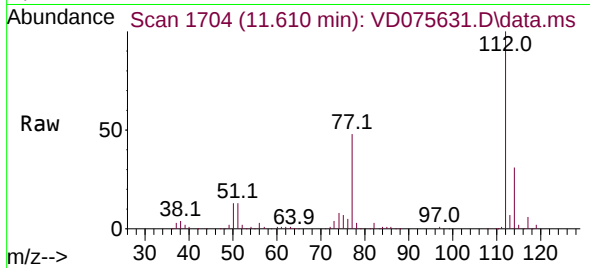




#65
Chlorobenzene
Concen: 51.072 ug/l
RT: 11.610 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

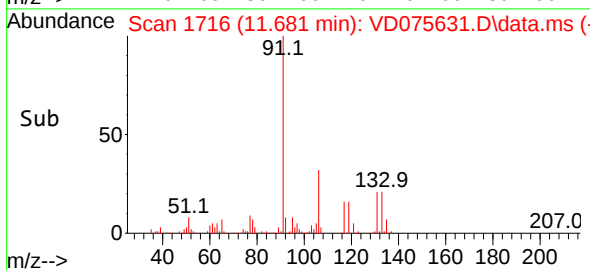
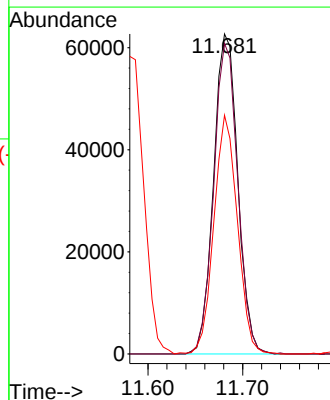
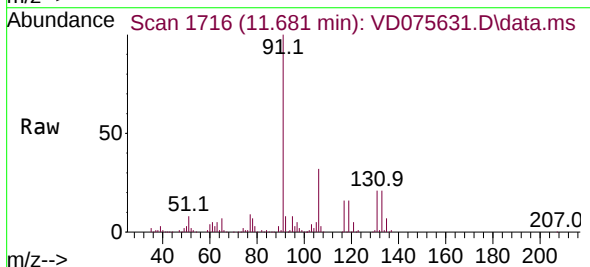
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

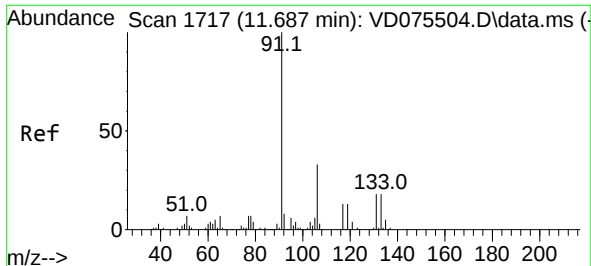
Tgt Ion:112 Resp: 314494
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.080 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion:131 Resp: 111232
Ion Ratio Lower Upper
131 100
133 97.0 46.7 140.0
119 72.7 31.9 95.9

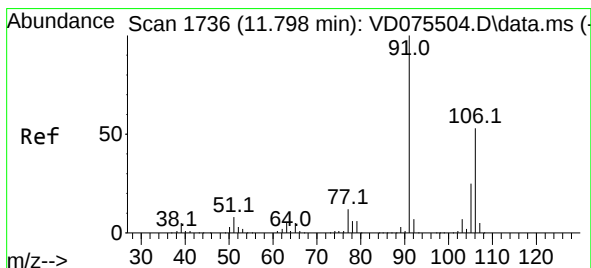
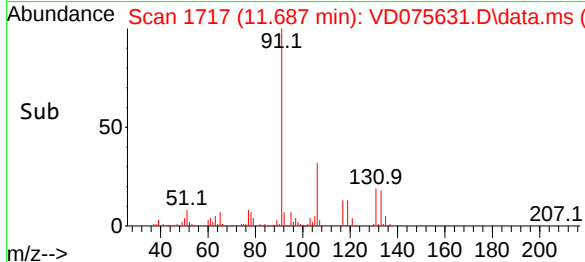
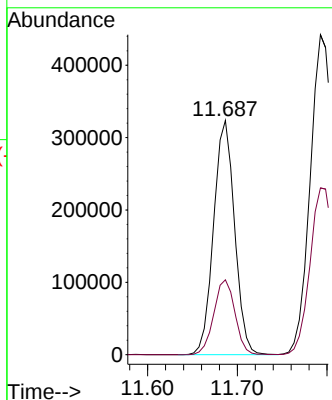
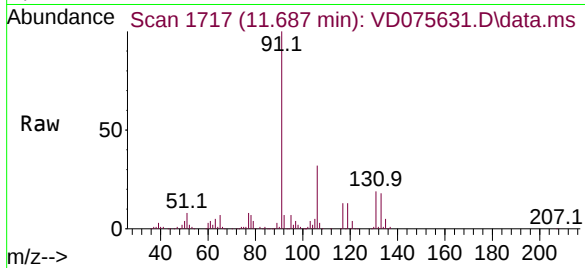




#67
Ethyl Benzene
Concen: 51.743 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

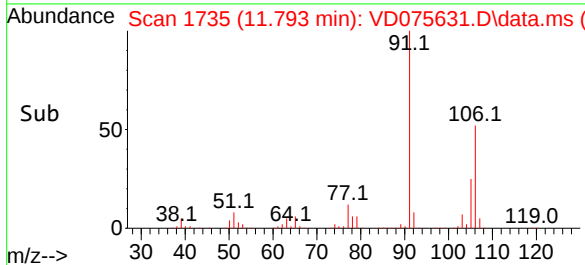
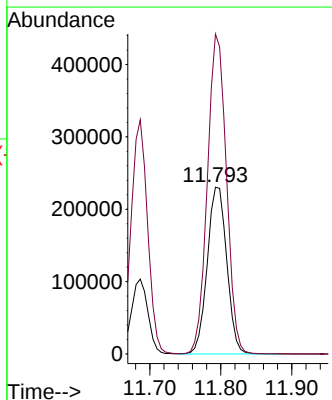
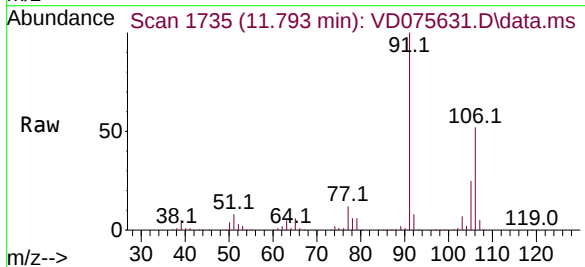
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

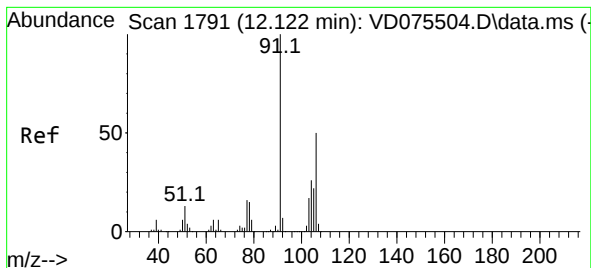
Tgt Ion: 91 Resp: 525702
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7



#68
m/p-Xylenes
Concen: 104.994 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 106 Resp: 439368
Ion Ratio Lower Upper
106 100
91 187.2 161.5 242.3





#69

o-Xylene

Concen: 49.666 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

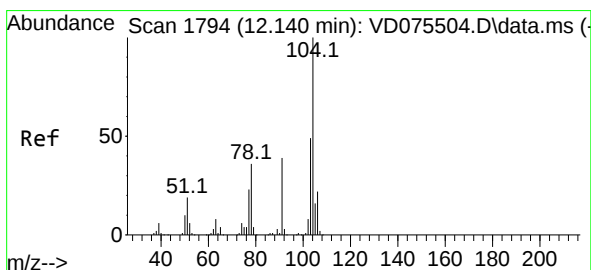
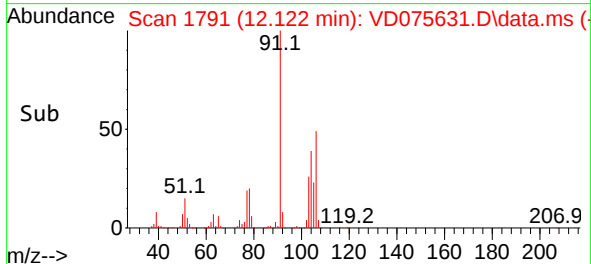
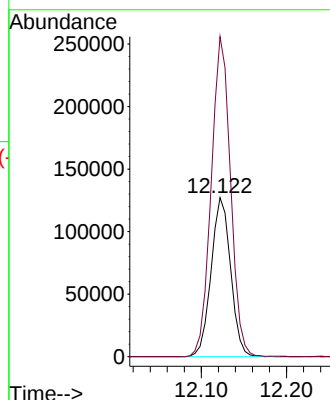
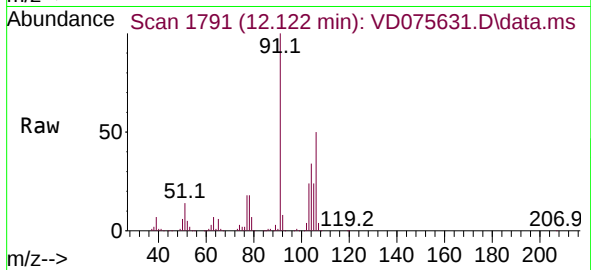
VSTDCCC050EC

Tgt Ion:106 Resp: 202091

Ion Ratio Lower Upper

106 100

91 199.7 105.7 317.1



#70

Styrene

Concen: 52.972 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

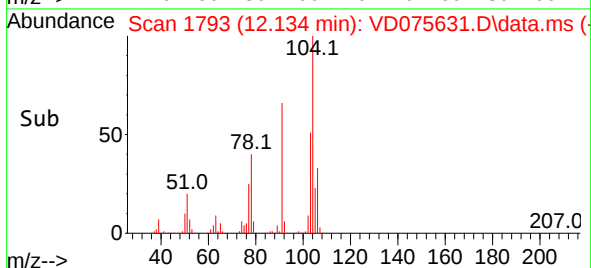
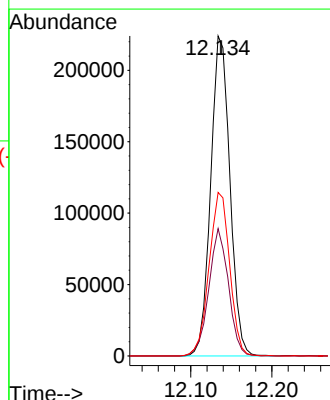
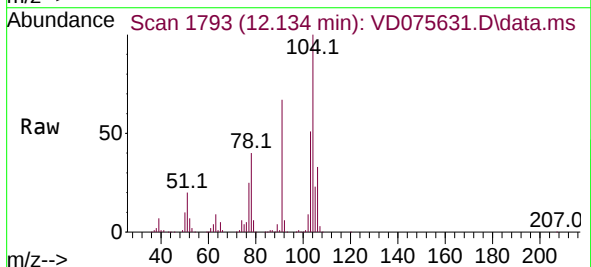
Tgt Ion:104 Resp: 368218

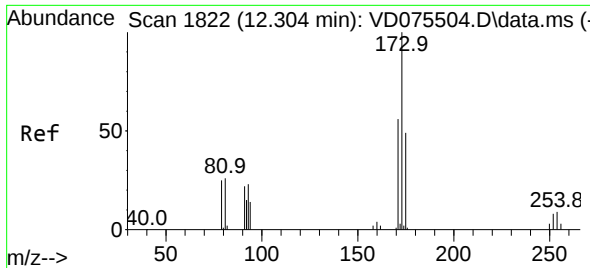
Ion Ratio Lower Upper

104 100

78 40.7 40.2 60.4

103 54.9 44.2 66.2

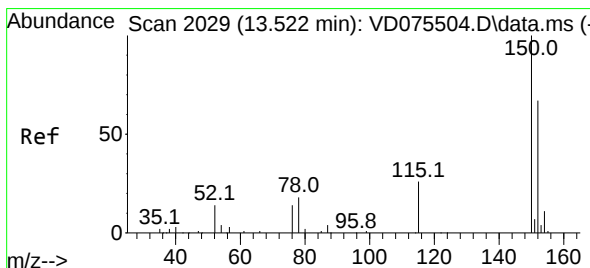
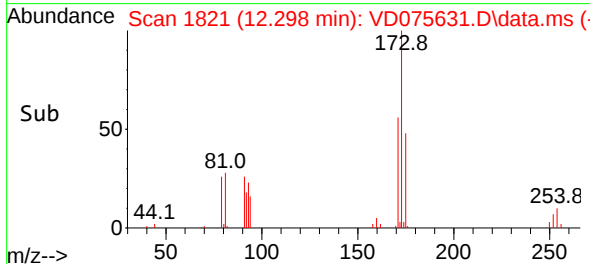
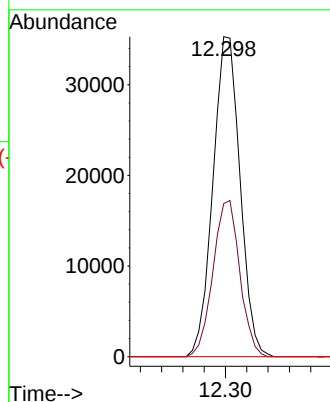
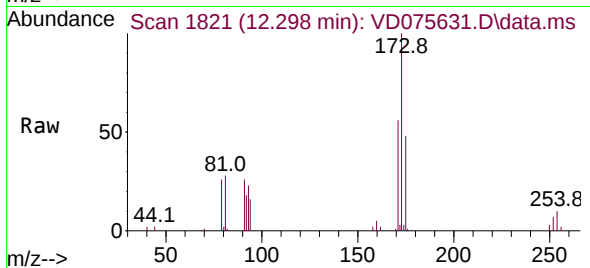




#71
Bromoform
Concen: 55.338 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

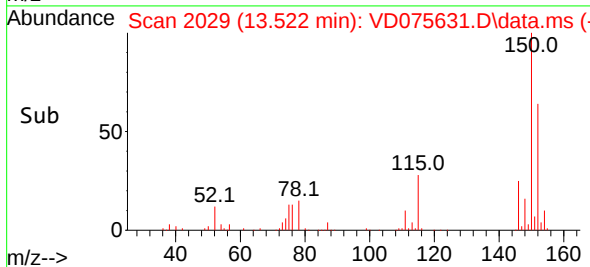
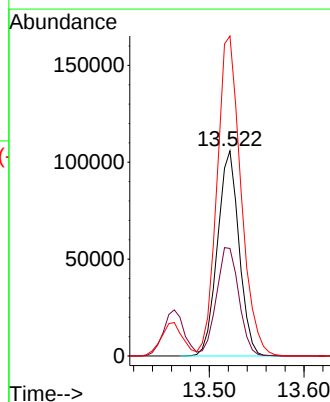
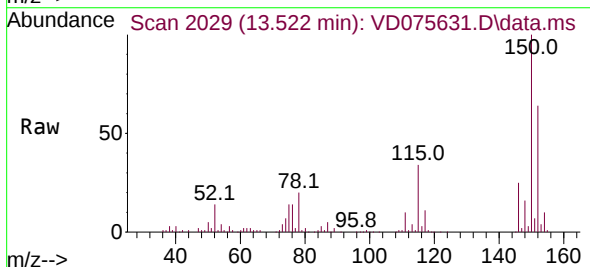
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

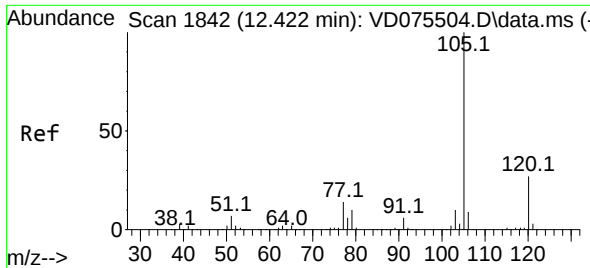
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	30.1	90.3
150	173.3	0.0	364.8

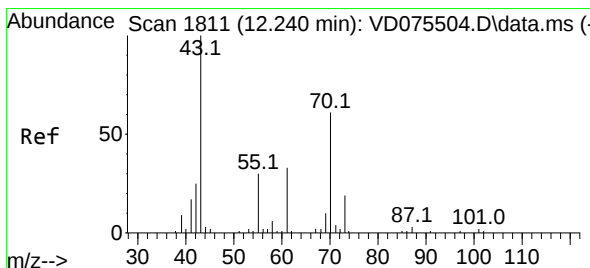
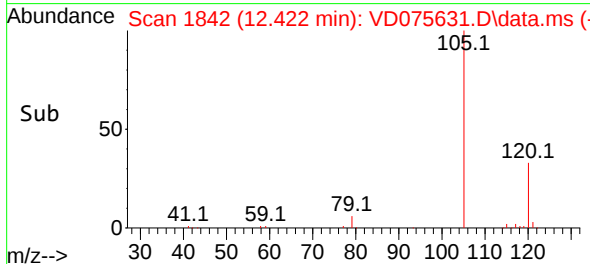
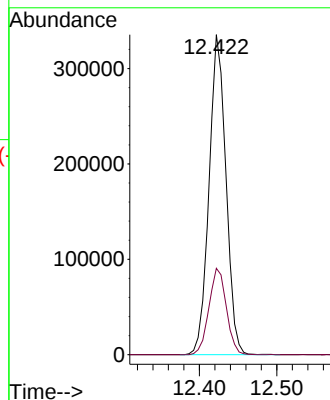
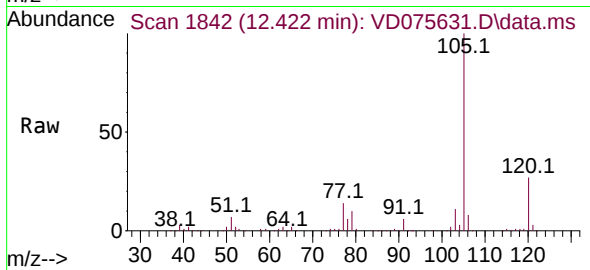




#73
Isopropylbenzene
Concen: 48.895 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

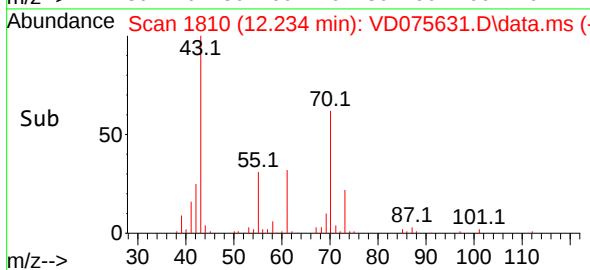
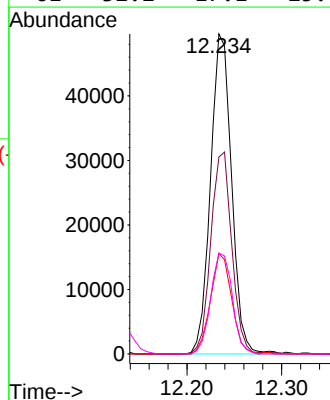
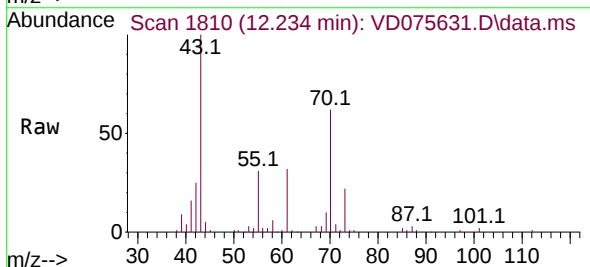
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

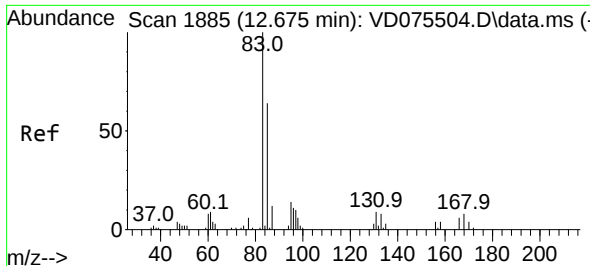
Tgt Ion:105 Resp: 507999
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 52.493 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 43 Resp: 76491
Ion Ratio Lower Upper
43 100
70 63.1 31.0 46.4#
55 31.5 18.6 28.0#
61 32.2 17.1 25.7#

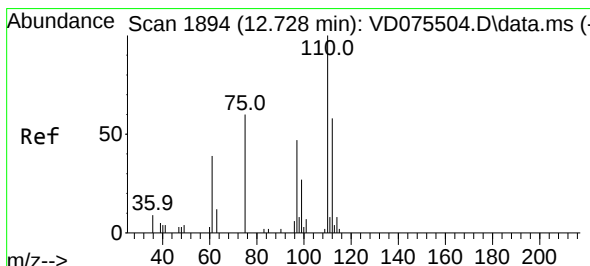
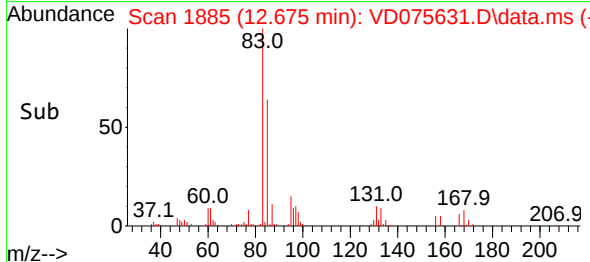
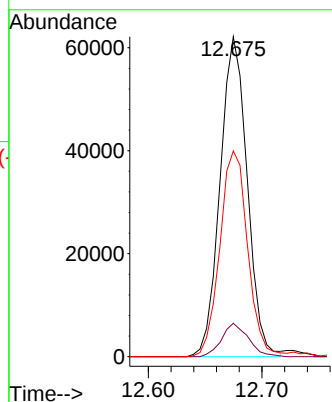
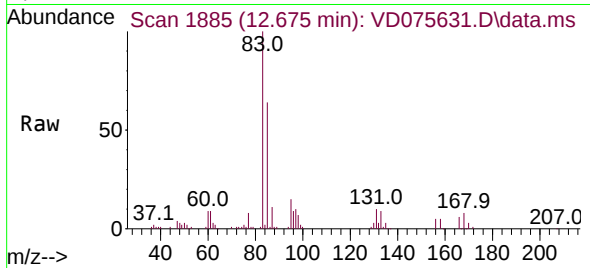




#75
1,1,2,2-Tetrachloroethane
Concen: 52.919 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

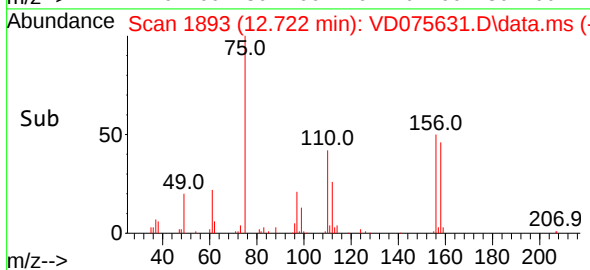
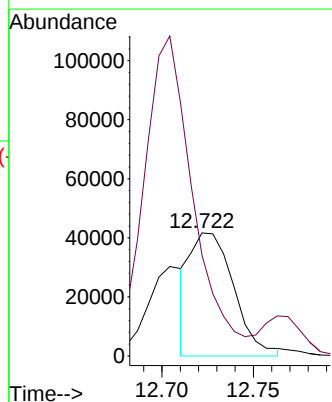
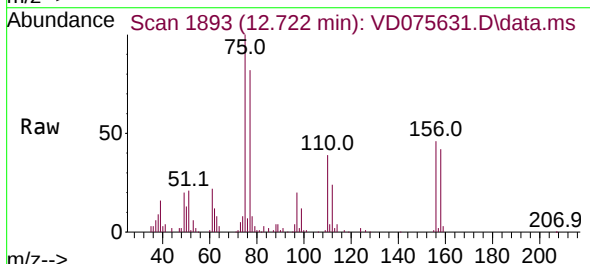
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

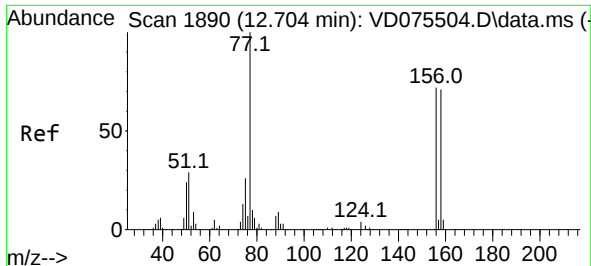
Tgt Ion: 83 Resp: 102841
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.2
85 66.0 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 52.965 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 75 Resp: 69400
Ion Ratio Lower Upper
75 100
77 290.2 0.0 0.0#

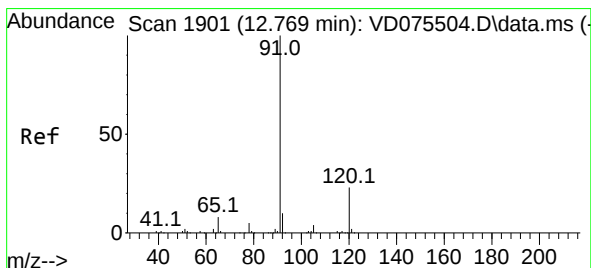
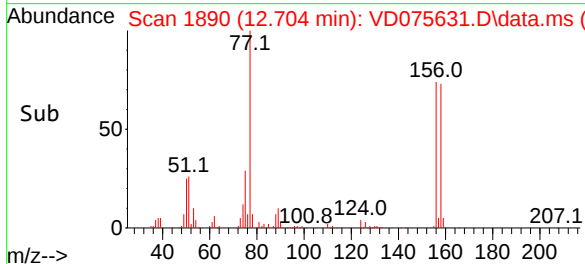
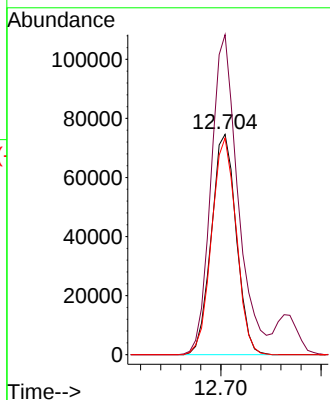
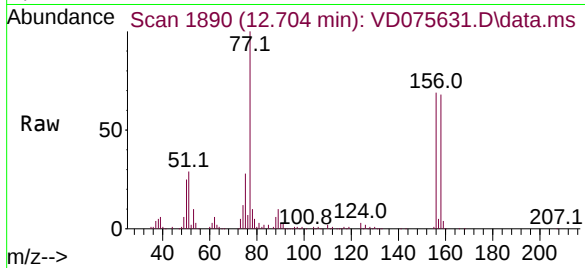




#77
Bromobenzene
Concen: 48.982 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

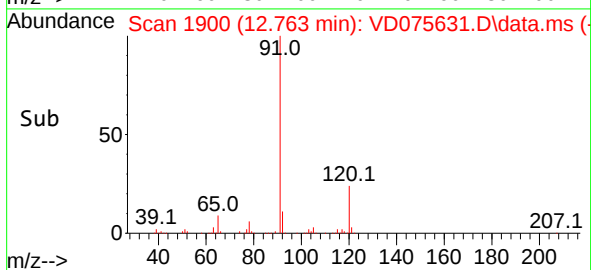
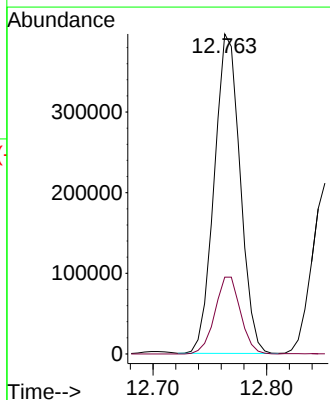
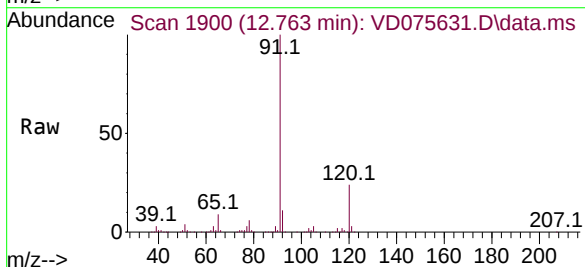
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

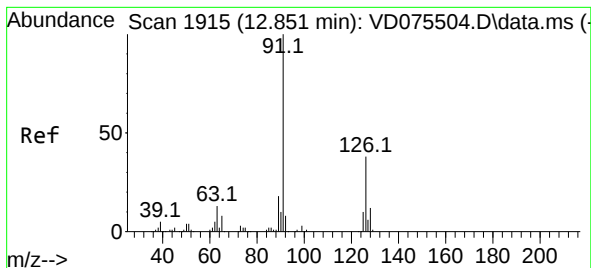
Tgt Ion:156 Resp: 128453
Ion Ratio Lower Upper
156 100
77 156.8 89.5 268.6
158 97.2 47.8 143.4



#78
n-propylbenzene
Concen: 50.166 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 91 Resp: 626672
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 49.605 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

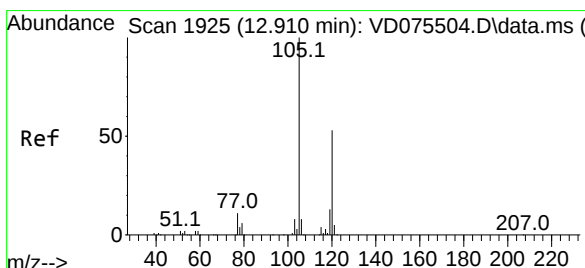
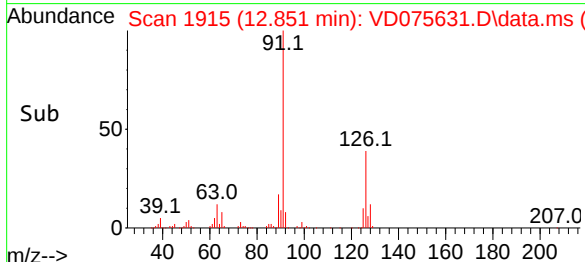
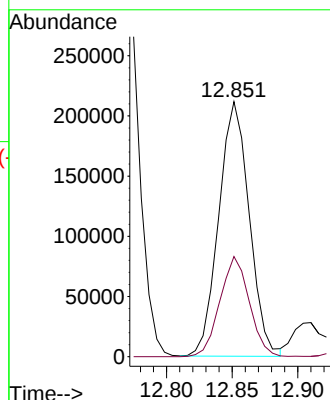
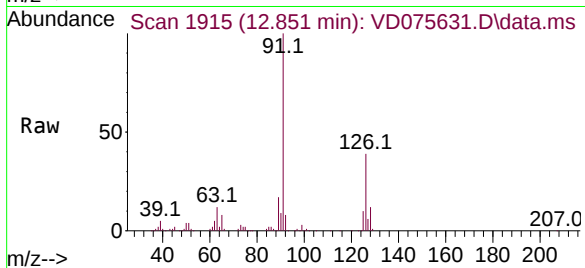
VSTDCCC050EC

Tgt Ion: 91 Resp: 342721

Ion Ratio Lower Upper

91 100

126 37.9 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 51.092 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075631.D

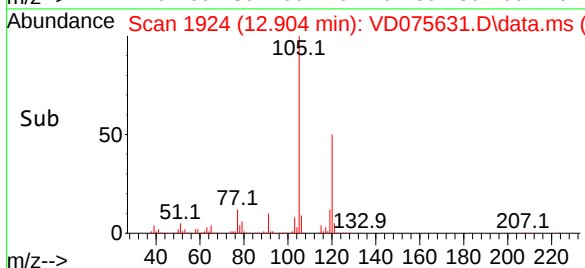
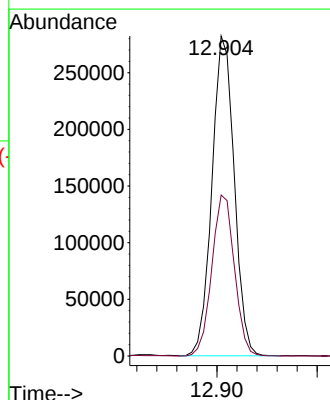
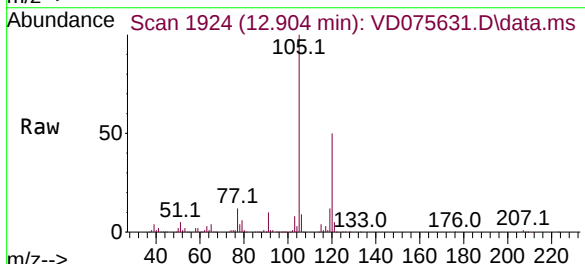
Acq: 11 Apr 2023 20:37

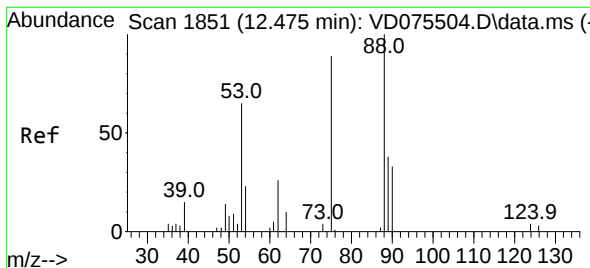
Tgt Ion: 105 Resp: 434744

Ion Ratio Lower Upper

105 100

120 51.2 24.3 72.8

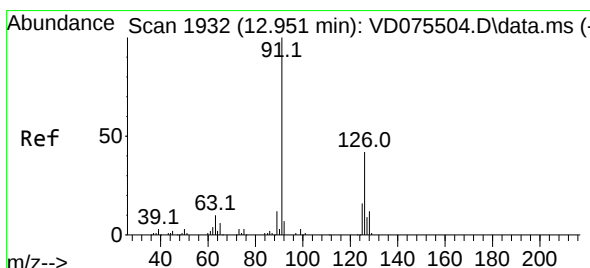
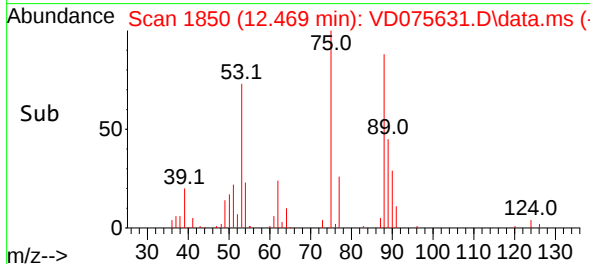
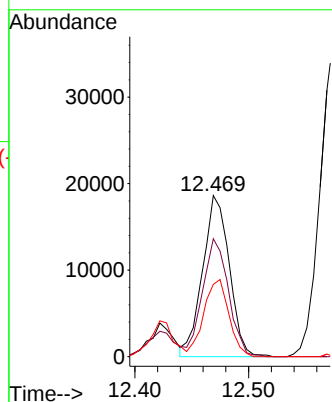
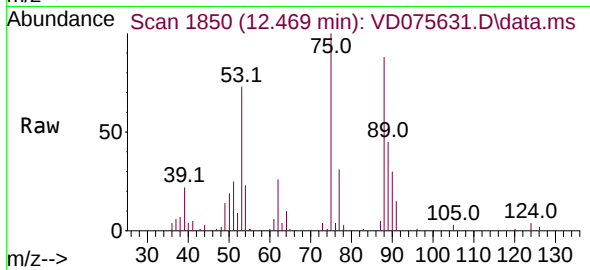




#81
trans-1,4-Dichloro-2-butene
Concen: 53.079 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

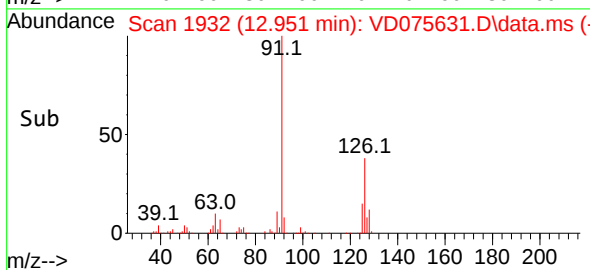
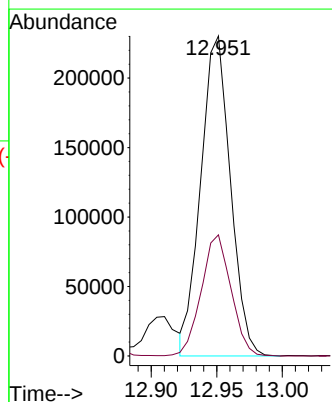
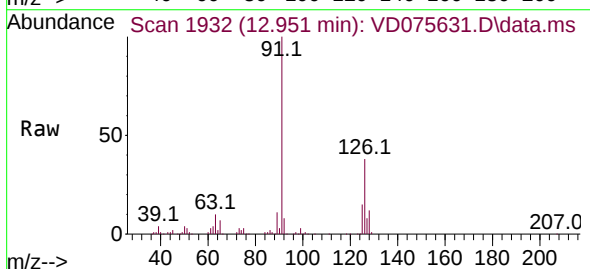
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

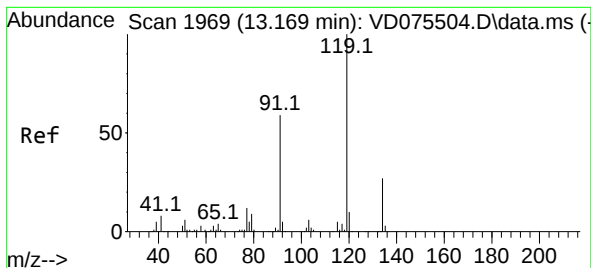
Tgt Ion: 75 Resp: 30346
Ion Ratio Lower Upper
75 100
53 70.7 90.5 135.7#
89 45.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 50.647 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion: 91 Resp: 362986
Ion Ratio Lower Upper
91 100
126 38.0 17.1 51.2

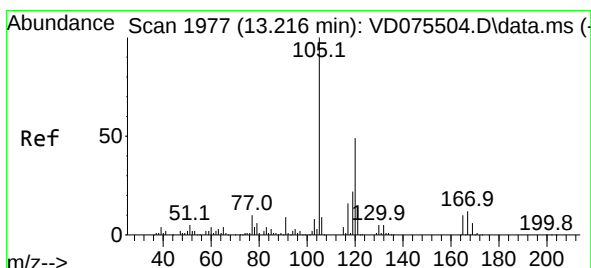
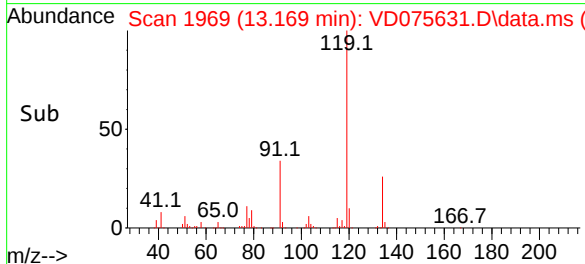
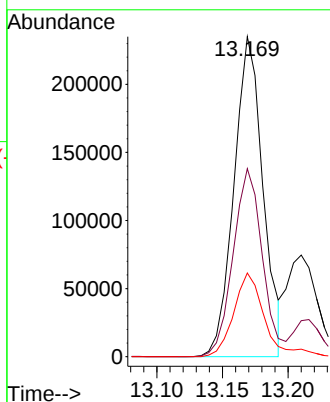
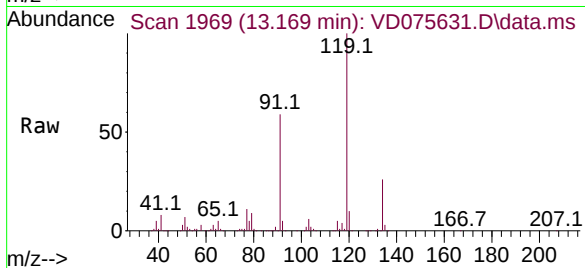




#83
tert-Butylbenzene
Concen: 49.079 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

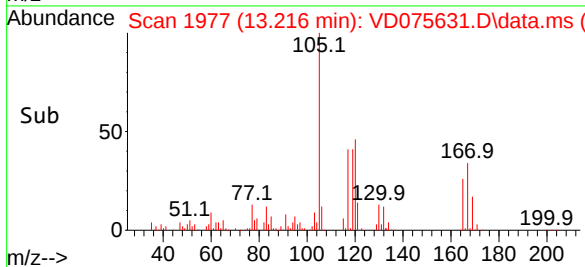
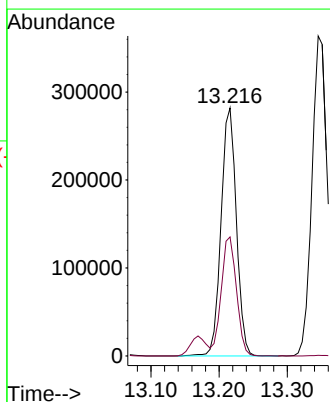
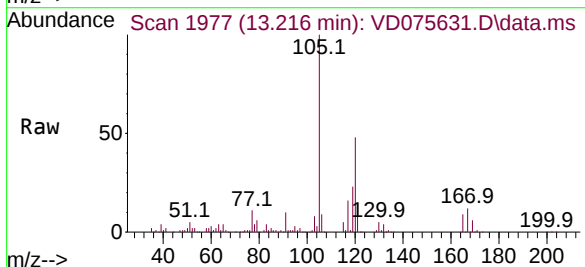
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

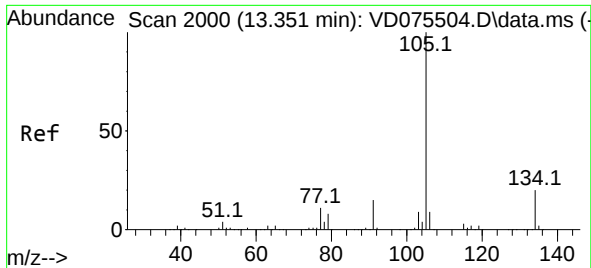
Tgt Ion:119 Resp: 362597
Ion Ratio Lower Upper
119 100
91 59.3 32.4 97.0
134 27.9 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 51.288 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion:105 Resp: 440704
Ion Ratio Lower Upper
105 100
120 47.8 22.3 66.9

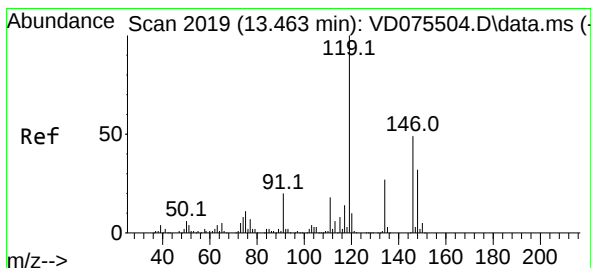
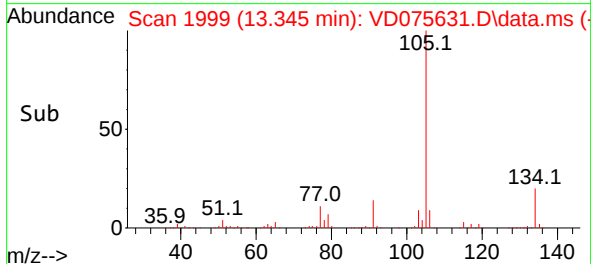
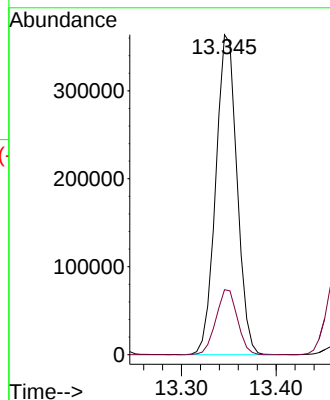
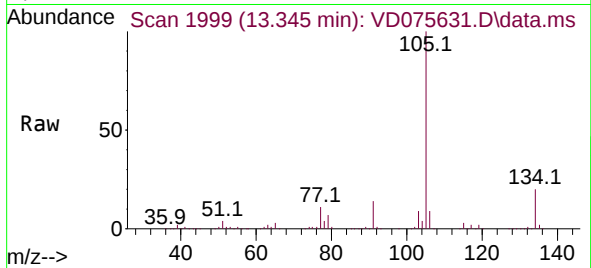




#85
 sec-Butylbenzene
 Concen: 50.337 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075631.D
 Acq: 11 Apr 2023 20:37

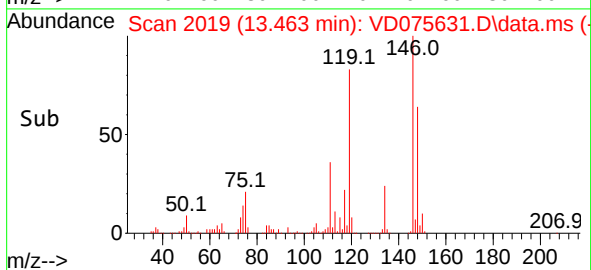
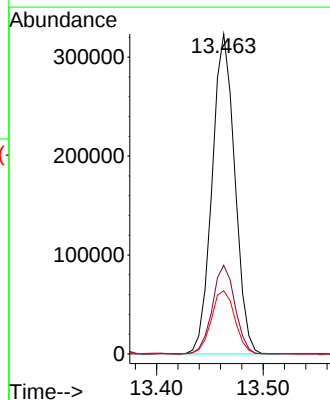
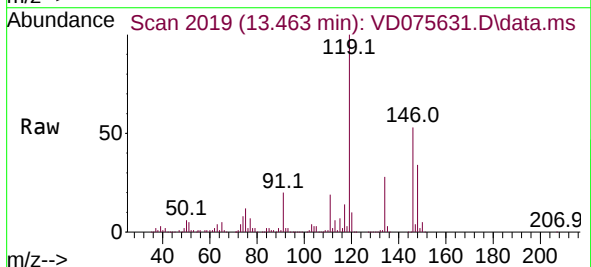
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

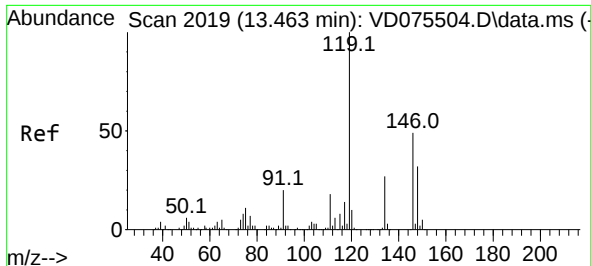
Tgt Ion:105 Resp: 568316
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 50.366 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075631.D
 Acq: 11 Apr 2023 20:37

Tgt Ion:119 Resp: 478011
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.1 39.3
 91 20.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.796 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

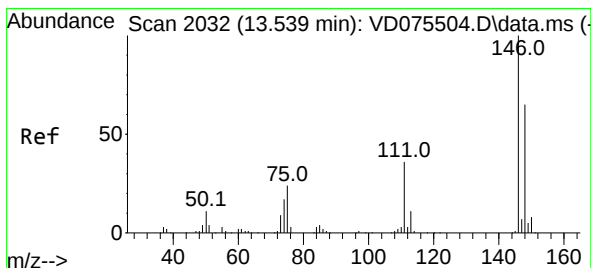
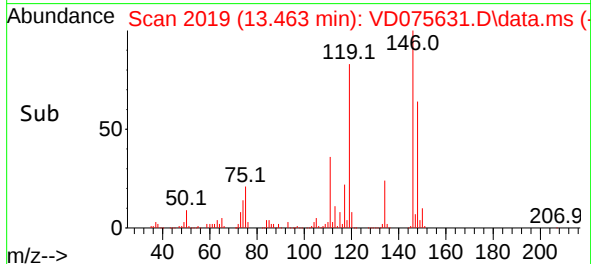
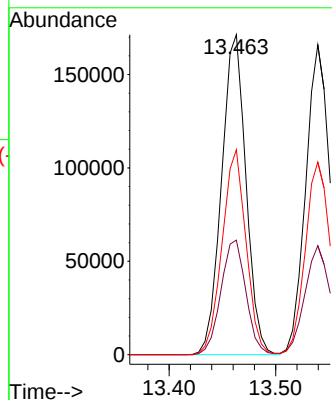
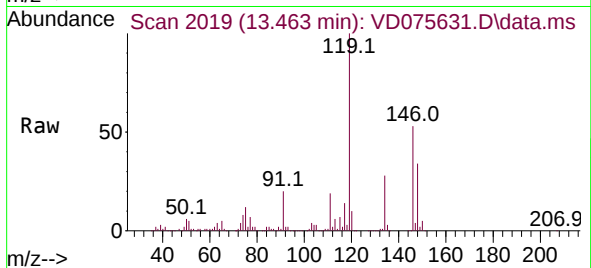
Tgt Ion:146 Resp: 272693

Ion Ratio Lower Upper

146 100

111 36.7 19.8 59.3

148 62.8 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 48.870 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

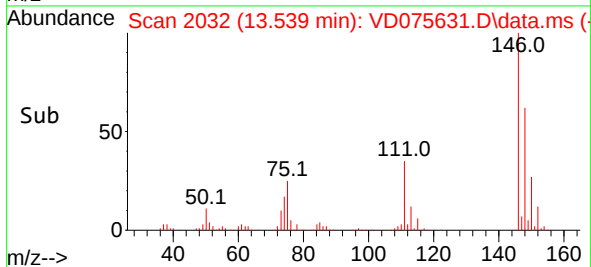
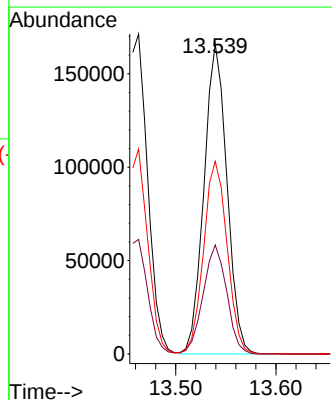
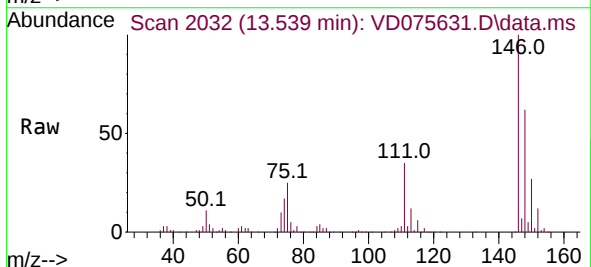
Tgt Ion:146 Resp: 264679

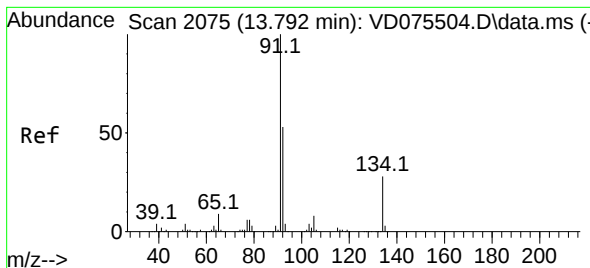
Ion Ratio Lower Upper

146 100

111 36.1 19.6 58.8

148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 49.679 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

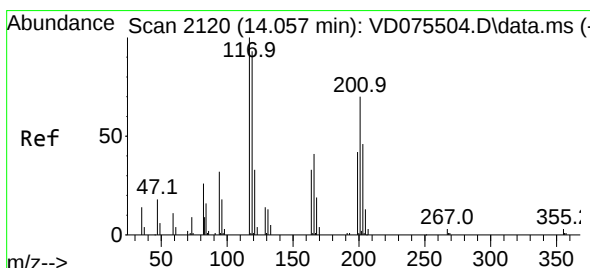
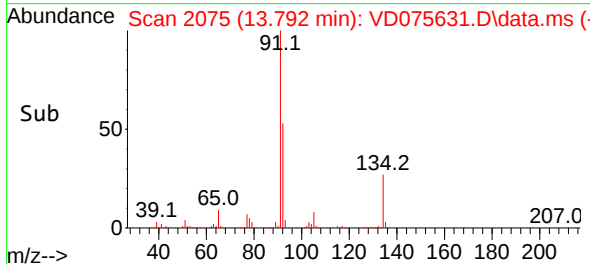
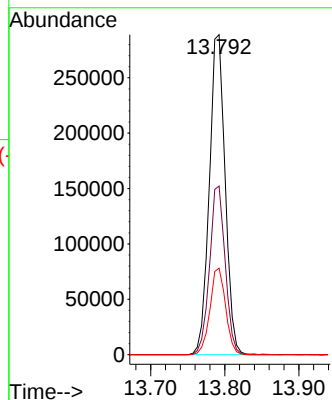
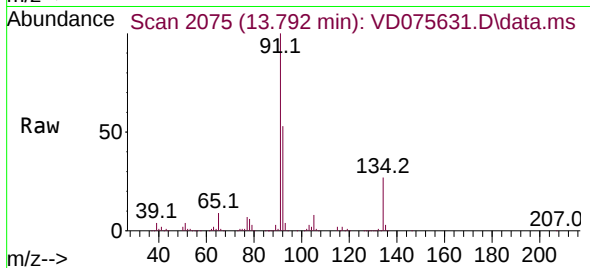
Tgt Ion: 91 Resp: 428678

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.5

134 26.7 12.7 38.0



#90

Hexachloroethane

Concen: 48.829 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD075631.D

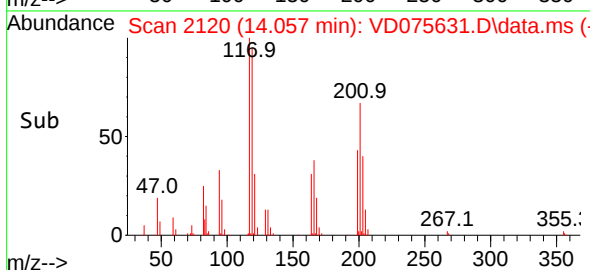
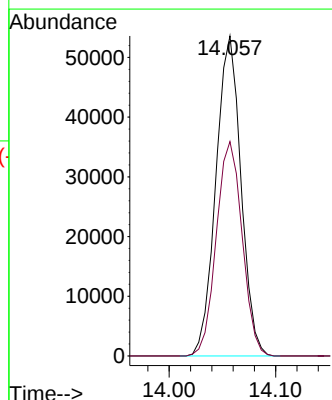
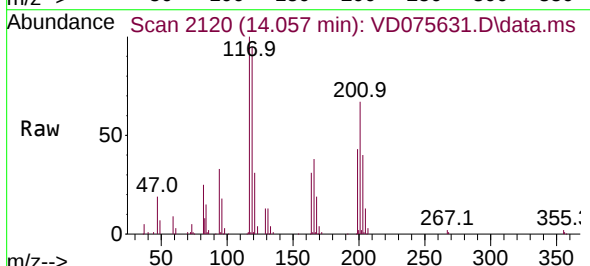
Acq: 11 Apr 2023 20:37

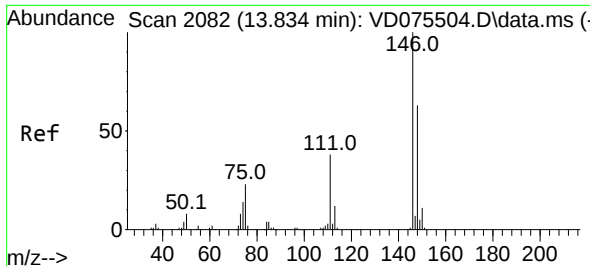
Tgt Ion: 117 Resp: 87660

Ion Ratio Lower Upper

117 100

201 68.9 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 49.378 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

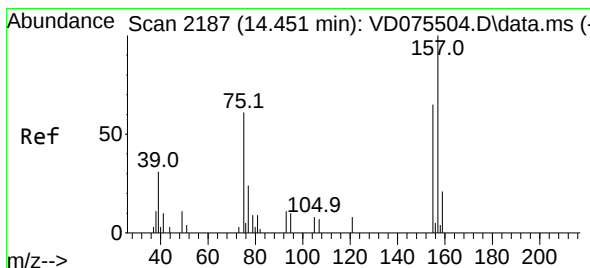
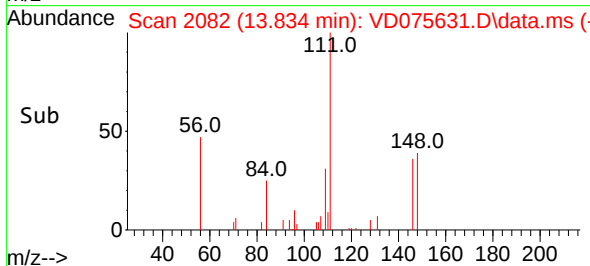
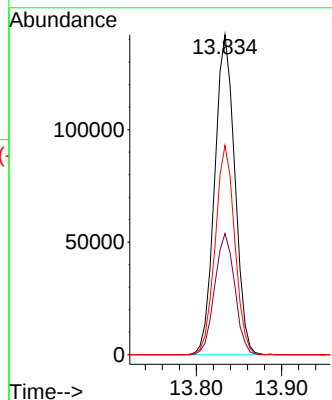
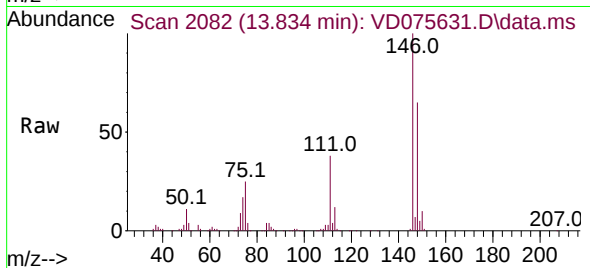
Tgt Ion:146 Resp: 233086

Ion Ratio Lower Upper

146 100

111 37.7 20.6 61.8

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.287 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075631.D

Acq: 11 Apr 2023 20:37

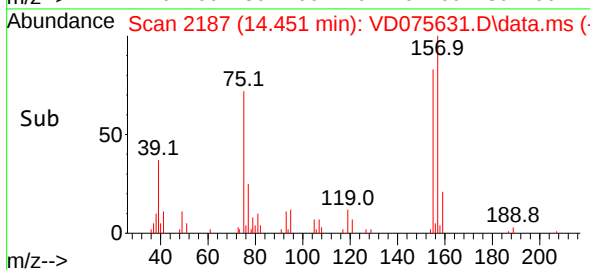
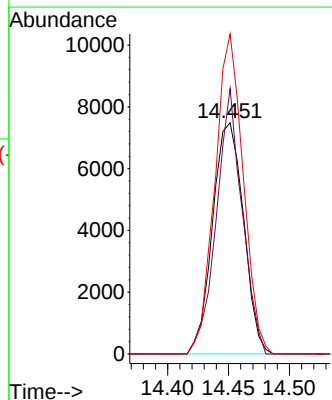
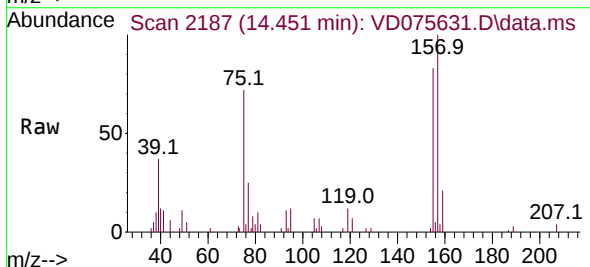
Tgt Ion: 75 Resp: 13197

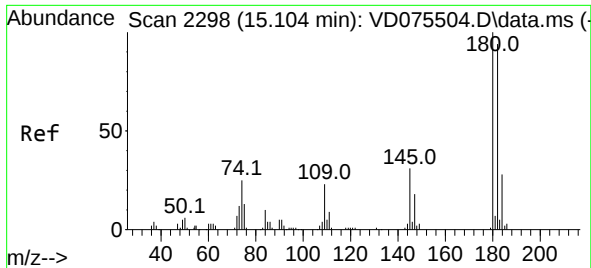
Ion Ratio Lower Upper

75 100

155 95.5 39.5 118.5

157 126.7 53.5 160.7

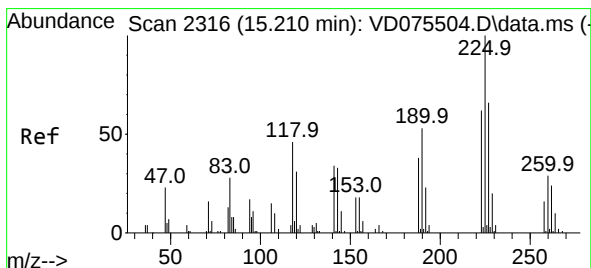
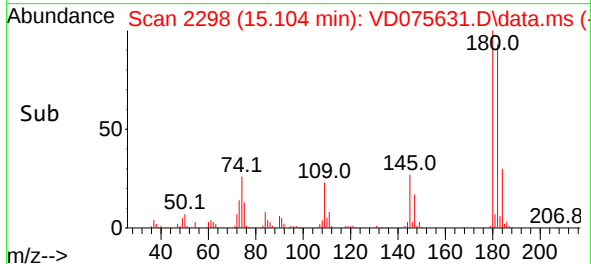
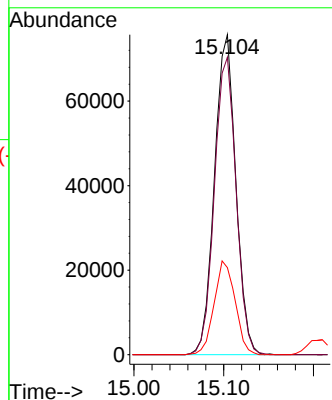
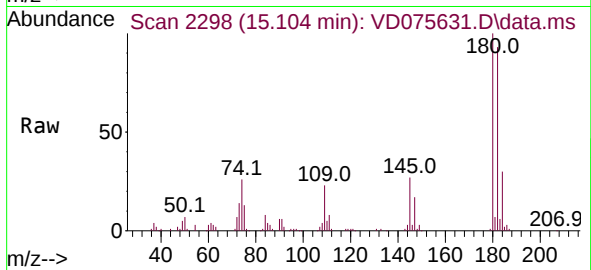




#93
 1,2,4-Trichlorobenzene
 Concen: 49.999 ug/l
 RT: 15.104 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075631.D
 Acq: 11 Apr 2023 20:37

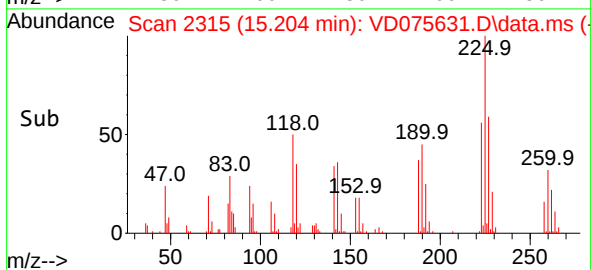
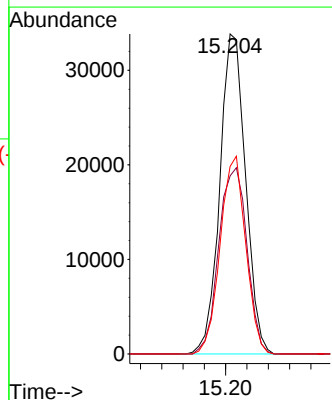
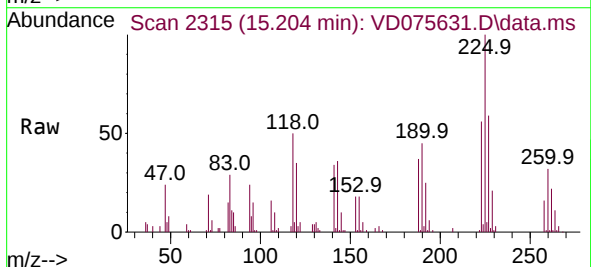
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

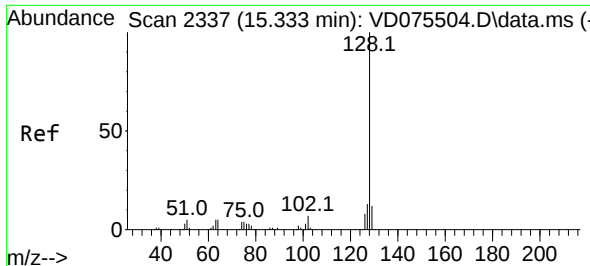
Tgt Ion:180 Resp: 125177
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.7
 145 28.9 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 47.857 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.006 min
 Lab File: VD075631.D
 Acq: 11 Apr 2023 20:37

Tgt Ion:225 Resp: 56754
 Ion Ratio Lower Upper
 225 100
 223 63.8 33.1 99.2
 227 61.3 31.9 95.9

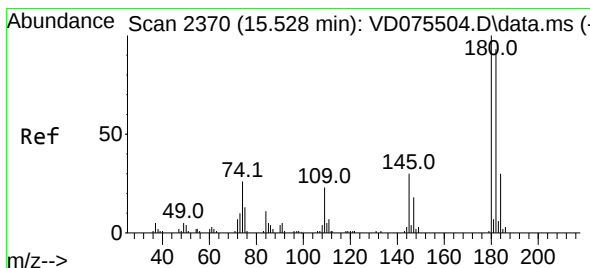
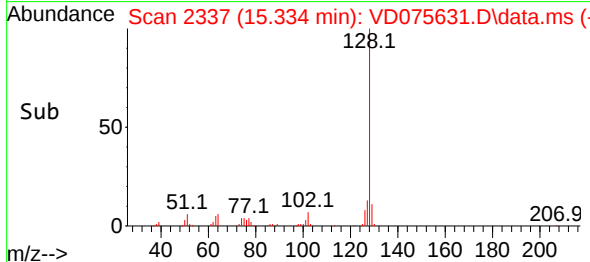
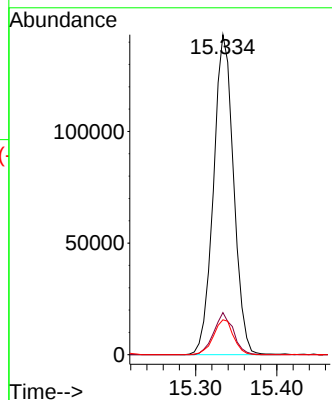
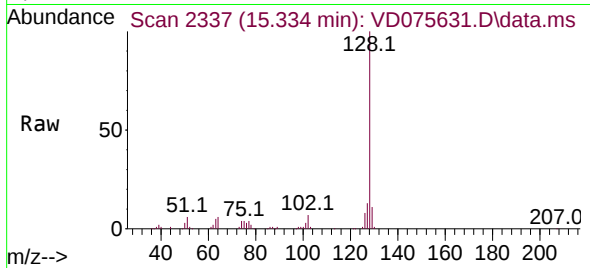




#95
Naphthalene
Concen: 51.917 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 246801
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.771 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075631.D
Acq: 11 Apr 2023 20:37

Tgt Ion:180 Resp: 112621
Ion Ratio Lower Upper
180 100
182 92.6 47.7 143.1
145 30.7 16.4 49.4

