

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075393.D
 Acq On : 21 Feb 2023 20:56
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 22 00:56:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	58564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	96604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	85360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	42194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25548	50.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.420%
35) Dibromofluoromethane	7.804	113	25766	44.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.860%
50) Toluene-d8	10.269	98	89405	43.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.400%
62) 4-Bromofluorobenzene	12.575	95	31265	44.988	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	29952	45.748	ug/l	92
3) Chloromethane	2.146	50	45579	47.580	ug/l	98
4) Vinyl Chloride	2.287	62	49350	48.529	ug/l	98
5) Bromomethane	2.693	94	28946	50.127	ug/l	97
6) Chloroethane	2.834	64	32150	45.750	ug/l	94
7) Trichlorofluoromethane	3.181	101	58435	48.923	ug/l	92
8) Diethyl Ether	3.593	74	14875	53.488	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	32952	48.405	ug/l	98
10) Methyl Iodide	4.163	142	37925	50.937	ug/l	99
11) Tert butyl alcohol	5.046	59	3220	69.277	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	31432	49.525	ug/l	92
13) Acrolein	3.805	56	2353	167.847	ug/l	100
14) Allyl chloride	4.563	41	51873	51.687	ug/l	96
15) Acrylonitrile	5.257	53	32888	244.935	ug/l	97
16) Acetone	4.022	43	32983	217.611	ug/l	98
17) Carbon Disulfide	4.275	76	106250	47.533	ug/l	98
18) Methyl Acetate	4.569	43	23282	49.019	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	66466	51.727	ug/l	97
20) Methylene Chloride	4.799	84	38462	53.177	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	36616	51.613	ug/l	90
22) Diisopropyl ether	6.216	45	102411	53.422	ug/l	97
23) Vinyl Acetate	6.157	43	183226	289.041	ug/l	96
24) 1,1-Dichloroethane	6.110	63	63367	50.335	ug/l	95
25) 2-Butanone	7.087	43	43107	228.061	ug/l	100
26) 2,2-Dichloropropane	7.087	77	55442	50.637	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	39204	51.948	ug/l	99
28) Bromochloromethane	7.428	49	13021	51.615	ug/l #	98
29) Tetrahydrofuran	7.451	42	26494	248.519	ug/l	96
30) Chloroform	7.599	83	65537	51.840	ug/l	99
31) Cyclohexane	7.881	56	55970	47.089	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	58905	50.619	ug/l	98
36) 1,1-Dichloropropene	8.010	75	50407	49.040	ug/l	99
37) Ethyl Acetate	7.169	43	19717	49.014	ug/l #	93
38) Carbon Tetrachloride	7.998	117	50974	49.495	ug/l	95
39) Methylcyclohexane	9.275	83	59911	49.451	ug/l	95
40) Benzene	8.251	78	141237	50.195	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12455	53.986	ug/l	98
42) 1,2-Dichloroethane	8.328	62	39719	50.554	ug/l	99
43) Isopropyl Acetate	8.363	43	37539	49.666	ug/l	97
44) Trichloroethene	9.028	130	37576	49.849	ug/l	97
45) 1,2-Dichloropropane	9.310	63	35644	51.944	ug/l	99
46) Dibromomethane	9.398	93	18667	49.960	ug/l	98
47) Bromodichloromethane	9.587	83	47348	49.798	ug/l	91
48) Methyl methacrylate	9.381	41	19151	50.403	ug/l	95
49) 1,4-Dioxane	9.381	88	2846	838.582	ug/l	96
51) 4-Methyl-2-Pentanone	10.163	43	95913	250.563	ug/l	98
52) Toluene	10.334	92	88197	50.910	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	41742	53.625	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	49756	52.724	ug/l	92
55) 1,1,2-Trichloroethane	10.740	97	24535	50.687	ug/l	94
56) Ethyl methacrylate	10.598	69	27687	51.401	ug/l	98
57) 1,3-Dichloropropane	10.881	76	42742	51.267	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	32625	246.837	ug/l	95
59) 2-Hexanone	10.922	43	65112	241.051	ug/l	100
60) Dibromochloromethane	11.075	129	30551	49.366	ug/l	98
61) 1,2-Dibromoethane	11.181	107	23299	50.763	ug/l	99
64) Tetrachloroethene	10.810	164	30600	50.082	ug/l	93
65) Chlorobenzene	11.610	112	91656	51.336	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	33627	51.867	ug/l	98
67) Ethyl Benzene	11.687	91	167776	51.817	ug/l	98
68) m/p-Xylenes	11.798	106	132373	104.299	ug/l	99
69) o-Xylene	12.122	106	60331	51.904	ug/l	97
70) Styrene	12.139	104	102689	52.934	ug/l	98
71) Bromoform	12.304	173	17674	53.194	ug/l #	100
73) Isopropylbenzene	12.422	105	161241	50.681	ug/l	99
74) N-amyl acetate	12.239	43	34645	50.866	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	26692	50.064	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	33849	94.775	ug/l #	100
77) Bromobenzene	12.704	156	36092	50.192	ug/l	99
78) n-propylbenzene	12.769	91	202709	50.922	ug/l	100
79) 2-Chlorotoluene	12.851	91	108586	50.514	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	137398	52.184	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	6463	49.929	ug/l	89
82) 4-Chlorotoluene	12.951	91	114864	50.648	ug/l	99
83) tert-Butylbenzene	13.169	119	120766	52.911	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	136739	52.581	ug/l	99
85) sec-Butylbenzene	13.345	105	178742	50.833	ug/l	99
86) p-Isopropyltoluene	13.463	119	147240	51.544	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	72956	49.259	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	73219	50.390	ug/l	100
89) n-Butylbenzene	13.792	91	141697	50.423	ug/l	100
90) Hexachloroethane	14.057	117	27434	47.874	ug/l	100
91) 1,2-Dichlorobenzene	13.833	146	63445	51.090	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.457	75	3876	48.631	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	37908	50.203	ug/l	99
94) Hexachlorobutadiene	15.210	225	20725	47.419	ug/l	96
95) Naphthalene	15.333	128	68869	51.553	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	32741	51.281	ug/l	98

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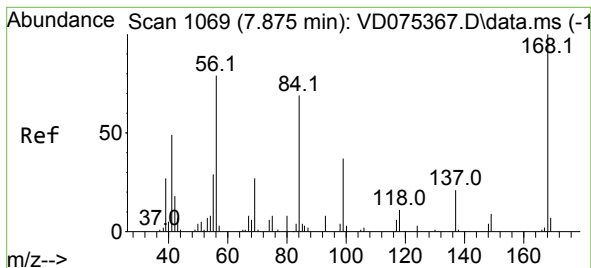
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

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Instrument :

MSVOA_D

ClientSampleId :

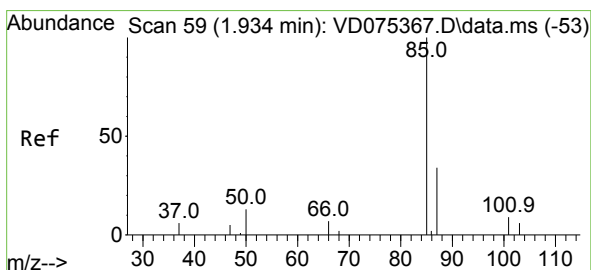
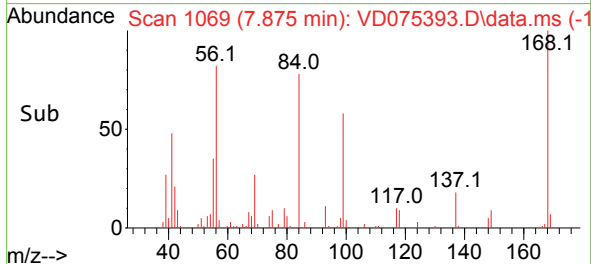
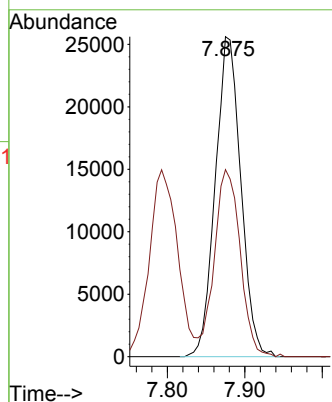
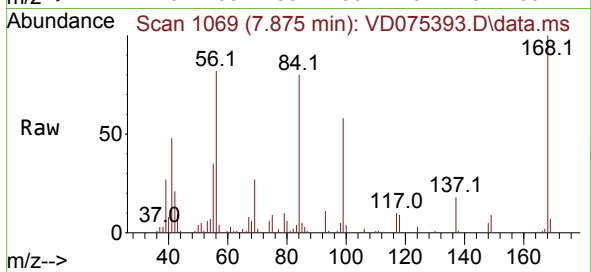
VSTDCCC050EC

Tgt Ion:168 Resp: 58564

Ion Ratio Lower Upper

168 100

99 57.7 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 45.748 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075393.D

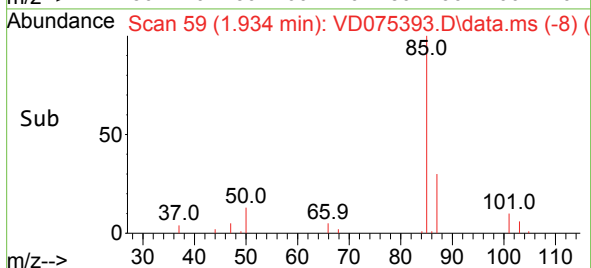
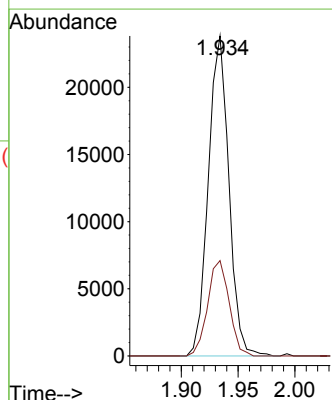
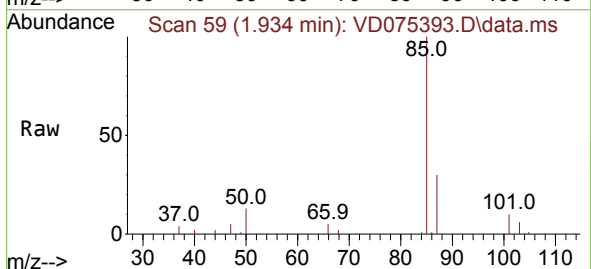
Acq: 21 Feb 2023 20:56

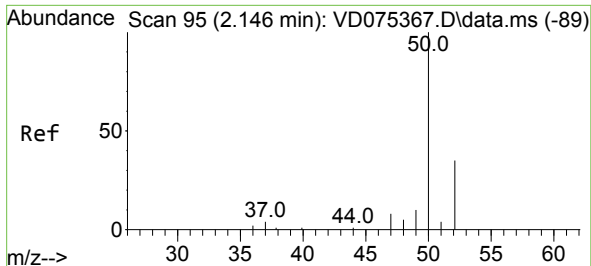
Tgt Ion: 85 Resp: 29952

Ion Ratio Lower Upper

85 100

87 29.8 17.3 51.7

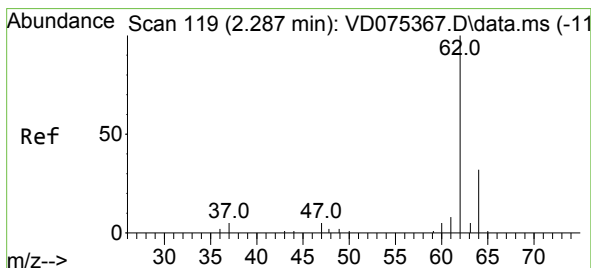
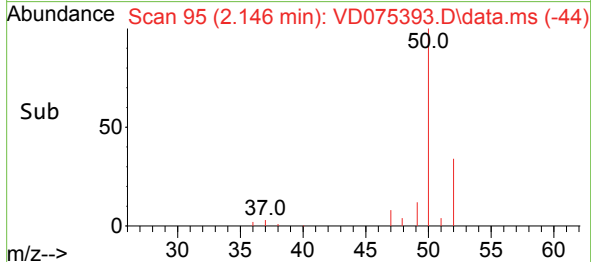
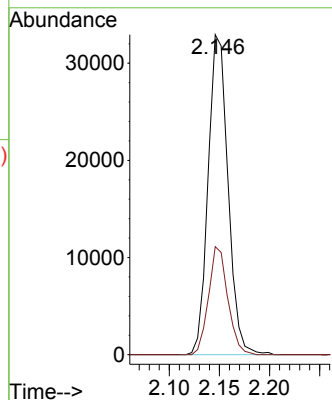
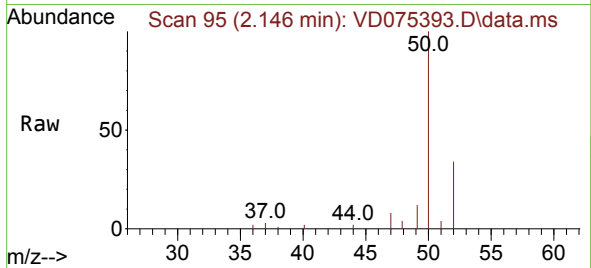




#3
Chloromethane
Concen: 47.580 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075393.D
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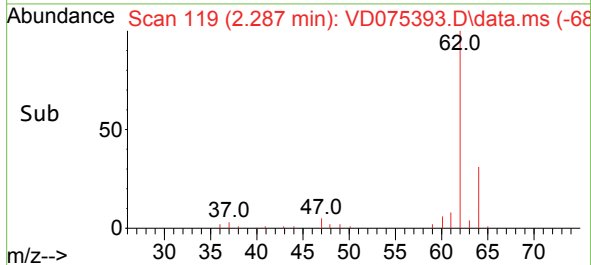
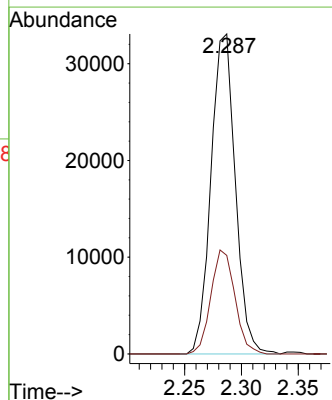
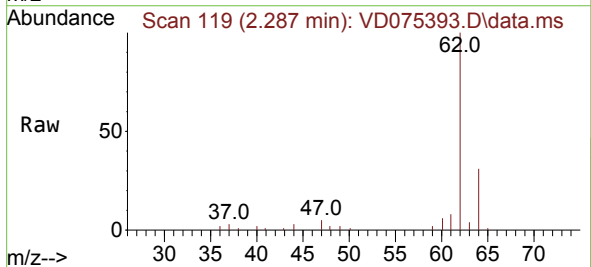
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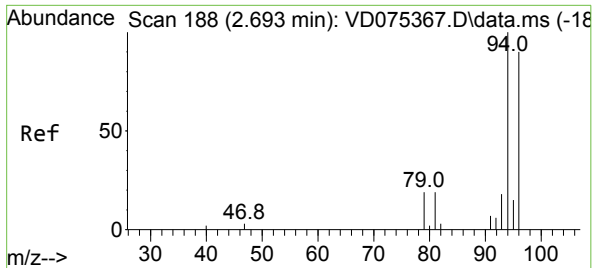
Tgt Ion: 50 Resp: 45579
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.8



#4
Vinyl Chloride
Concen: 48.529 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 62 Resp: 49350
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0

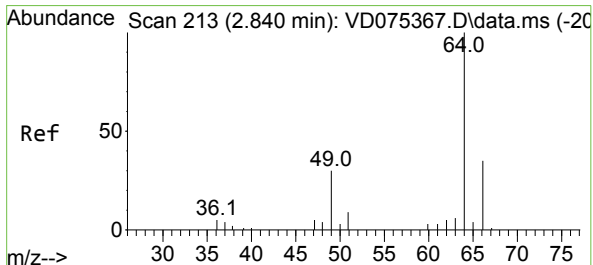
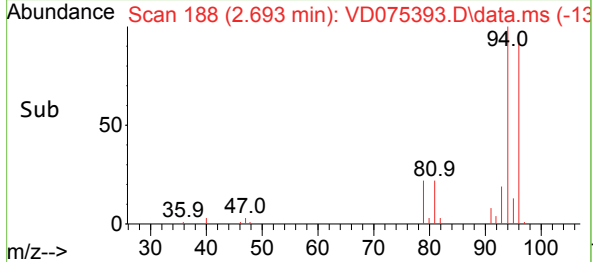
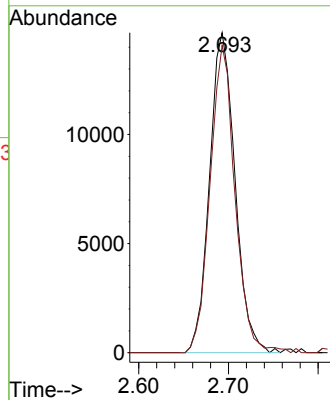
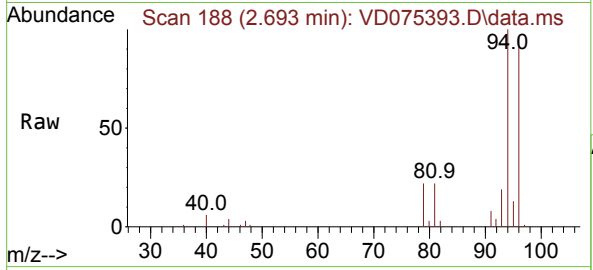




#5
Bromomethane
Concen: 50.127 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

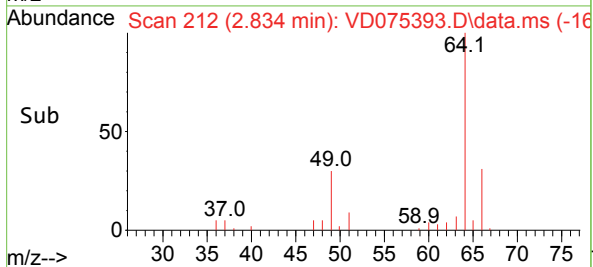
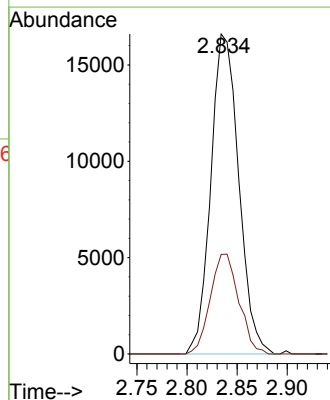
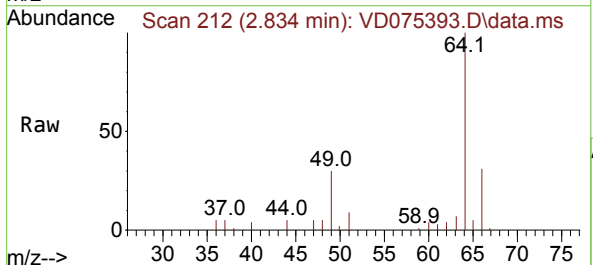
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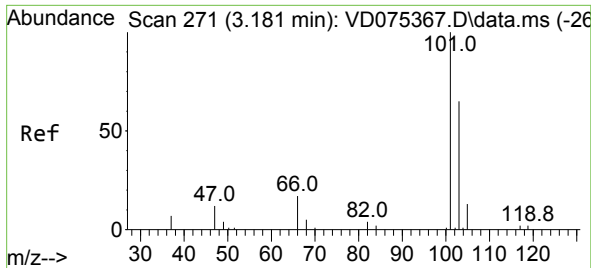
Tgt Ion: 94 Resp: 28946
Ion Ratio Lower Upper
94 100
96 94.0 77.5 116.3



#6
Chloroethane
Concen: 45.750 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 64 Resp: 32150
Ion Ratio Lower Upper
64 100
66 31.1 27.7 41.5

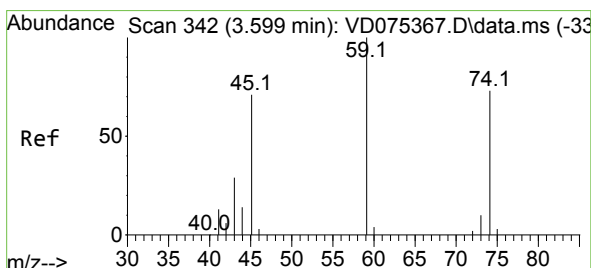
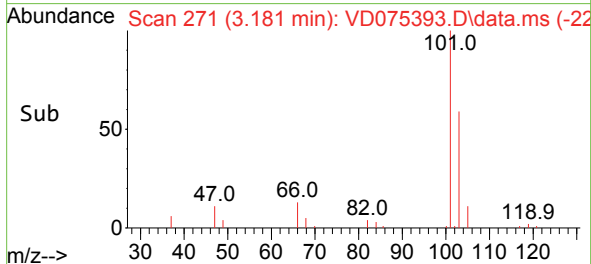
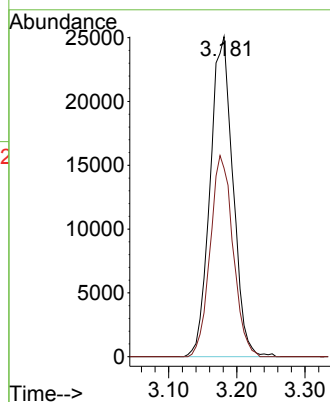
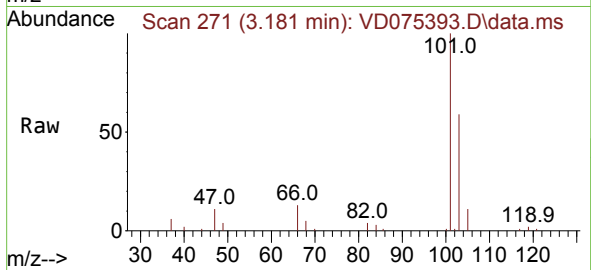




#7
Trichlorofluoromethane
Concen: 48.923 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075393.D
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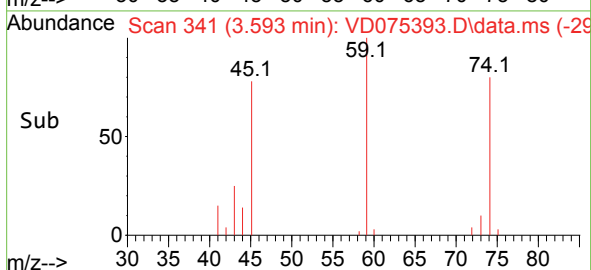
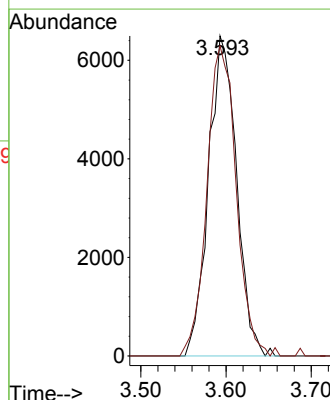
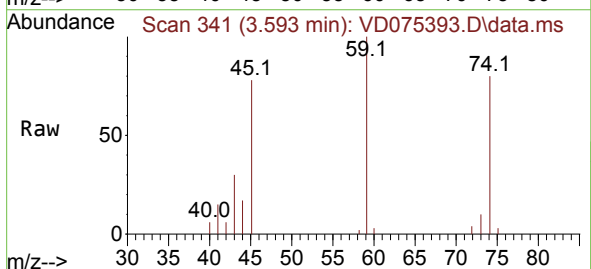
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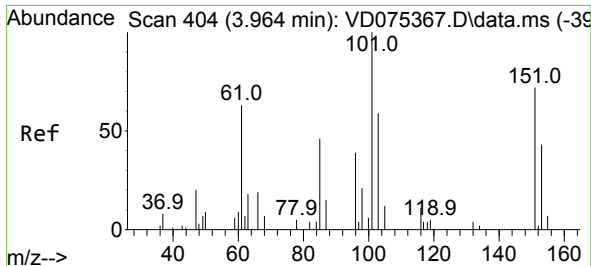
Tgt Ion:101 Resp: 58435
Ion Ratio Lower Upper
101 100
103 58.9 51.9 77.9



#8
Diethyl Ether
Concen: 53.488 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 74 Resp: 14875
Ion Ratio Lower Upper
74 100
45 101.3 50.9 152.7

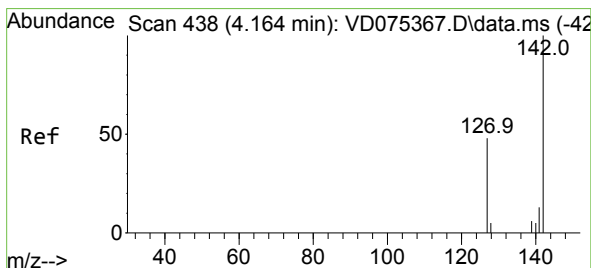
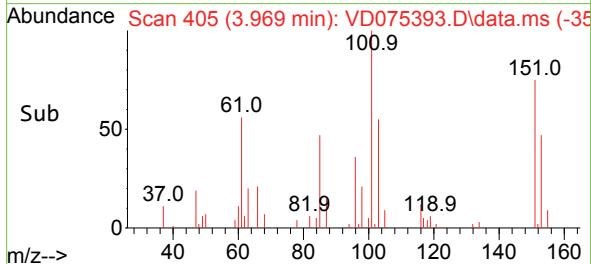
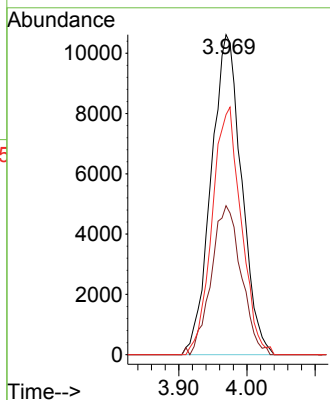
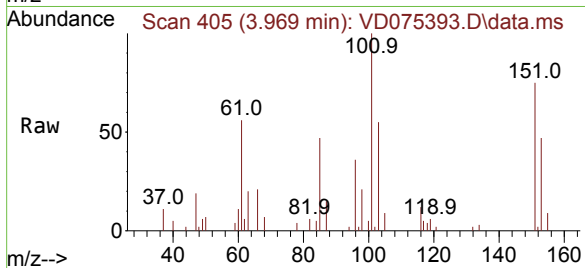




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.405 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
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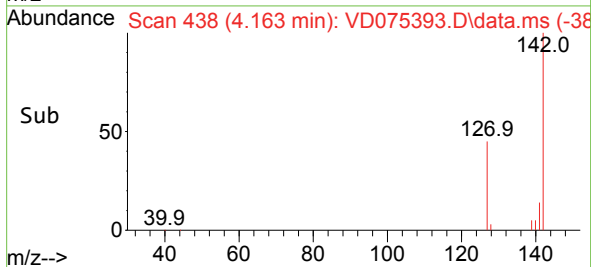
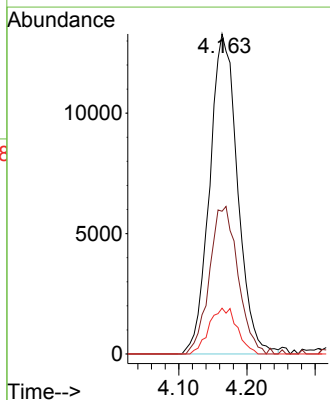
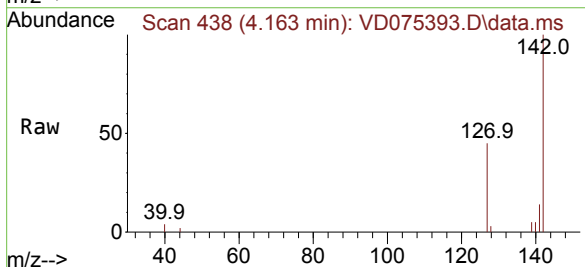
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

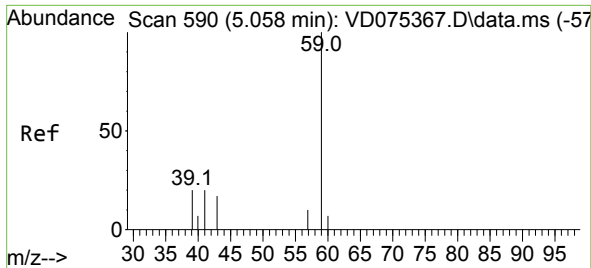
Tgt Ion:101 Resp: 32952
Ion Ratio Lower Upper
101 100
85 46.0 38.3 57.5
151 74.0 60.4 90.6



#10
Methyl Iodide
Concen: 50.937 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion:142 Resp: 37925
Ion Ratio Lower Upper
142 100
127 47.2 37.1 55.7
141 14.4 11.3 16.9

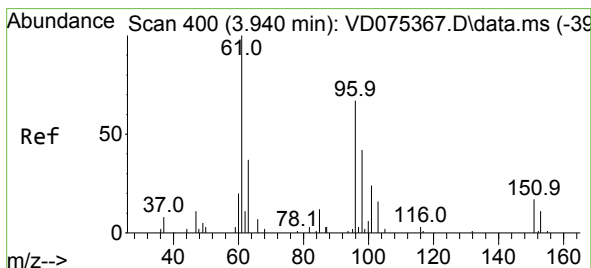
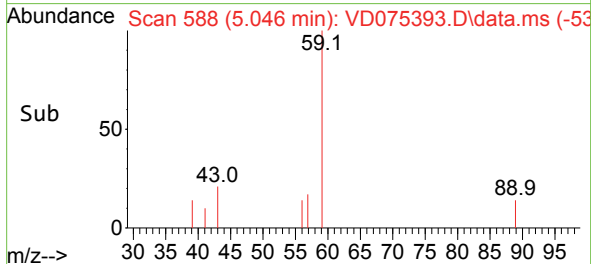
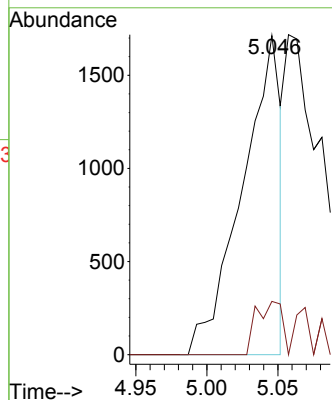
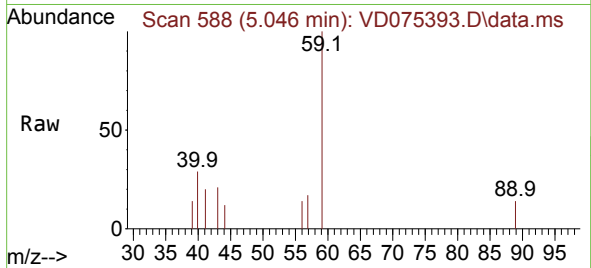




#11
Tert butyl alcohol
Concen: 69.277 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

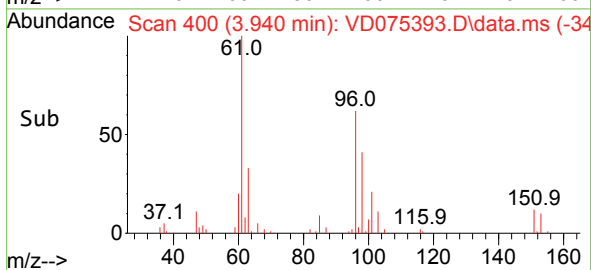
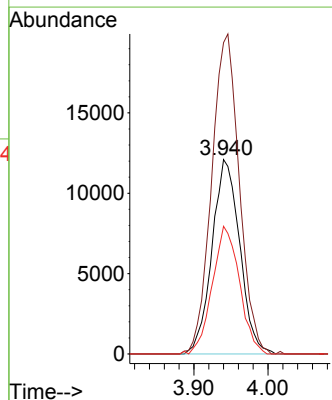
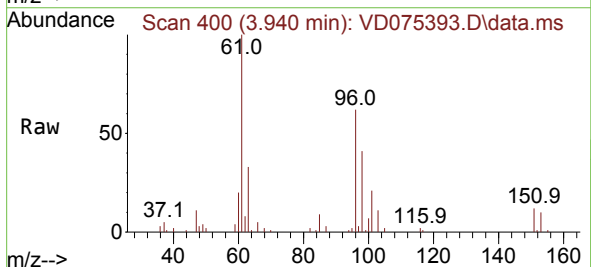
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

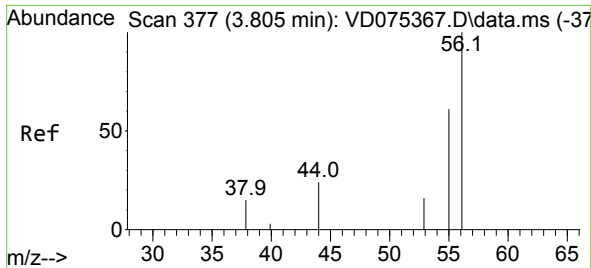
Tgt Ion: 59 Resp: 3220
Ion Ratio Lower Upper
59 100
57 11.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 49.525 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 96 Resp: 31432
Ion Ratio Lower Upper
96 100
61 160.2 118.6 177.8
98 65.7 49.7 74.5





#13

Acrolein

Concen: 167.847 ug/l

RT: 3.805 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

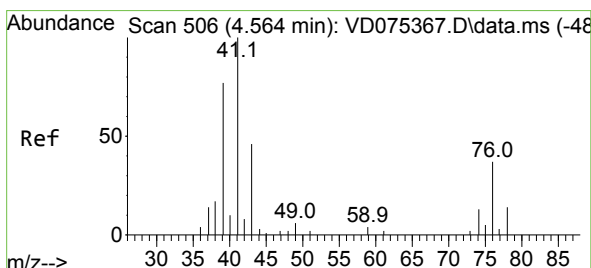
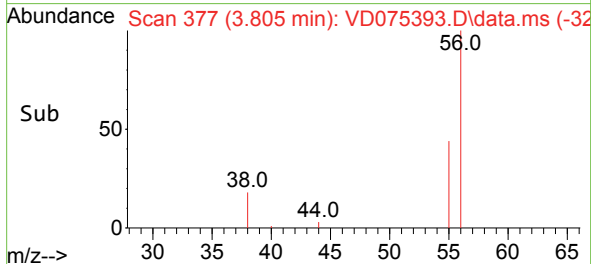
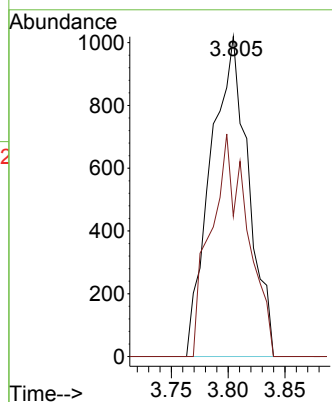
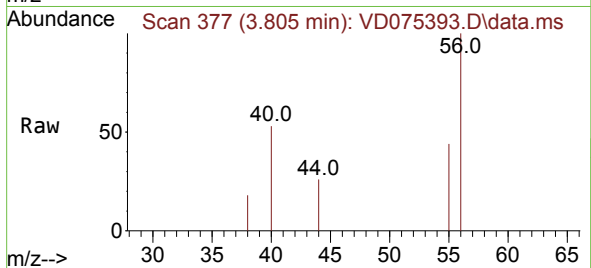
VSTDCCC050EC

Tgt Ion: 56 Resp: 2353

Ion Ratio Lower Upper

56 100

55 67.7 53.9 80.9



#14

Allyl chloride

Concen: 51.687 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

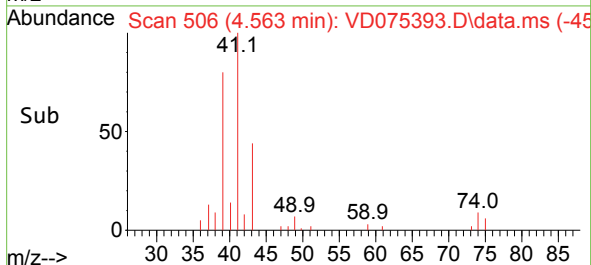
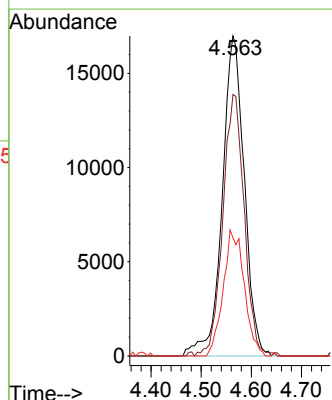
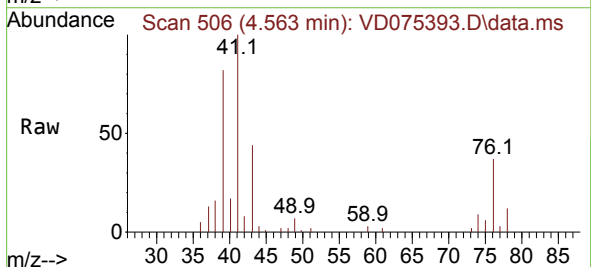
Tgt Ion: 41 Resp: 51873

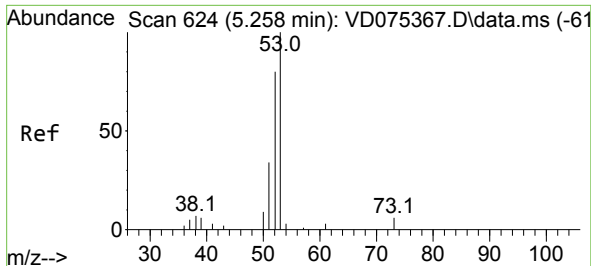
Ion Ratio Lower Upper

41 100

39 79.3 60.6 90.8

76 37.5 28.6 43.0

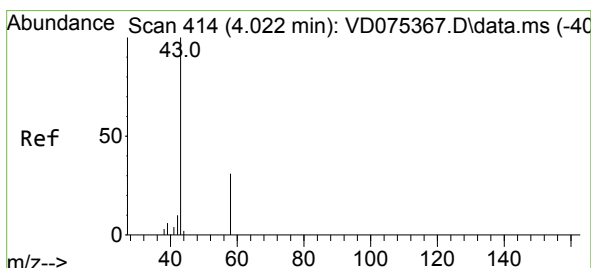
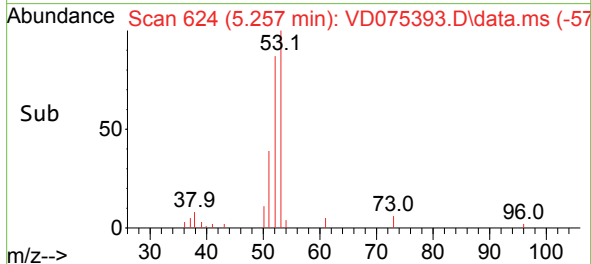
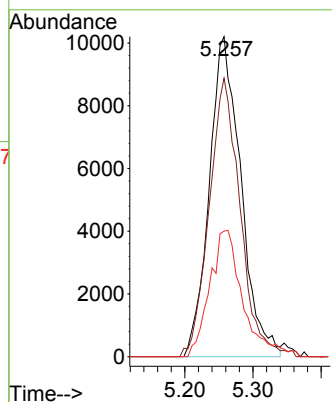
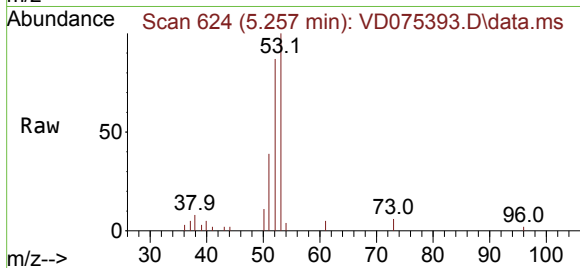




#15
Acrylonitrile
Concen: 244.935 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

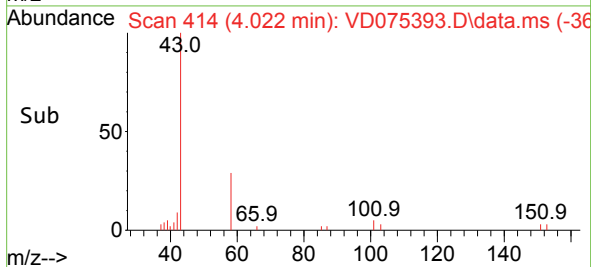
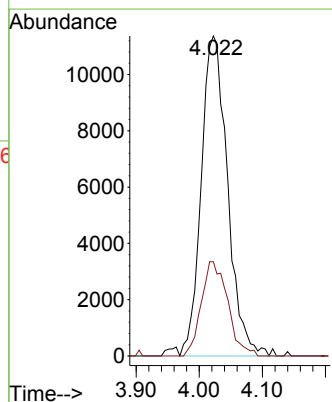
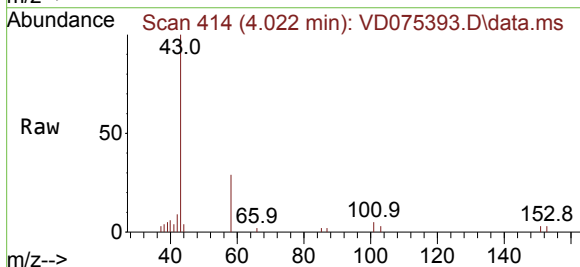
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

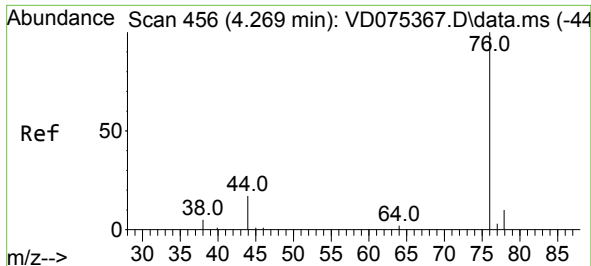
Tgt Ion:	53	Resp:	32888
Ion	Ratio	Lower	Upper
53	100		
52	85.3	66.2	99.4
51	41.4	30.7	46.1



#16
Acetone
Concen: 217.611 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion:	43	Resp:	32983
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.4	36.6

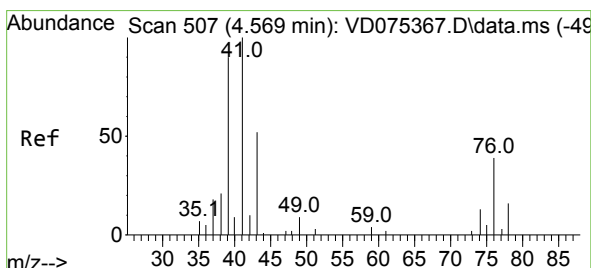
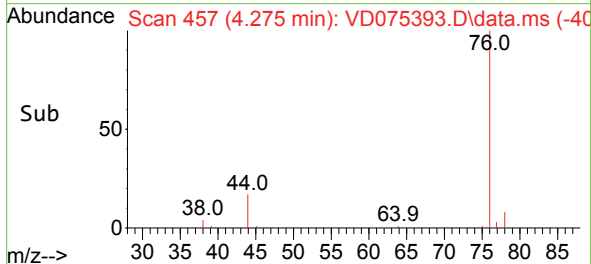
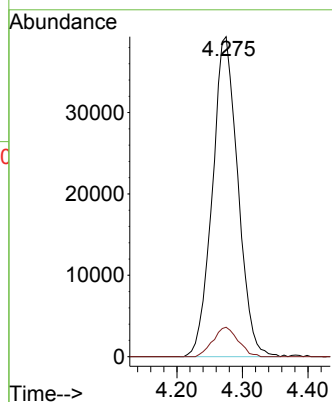
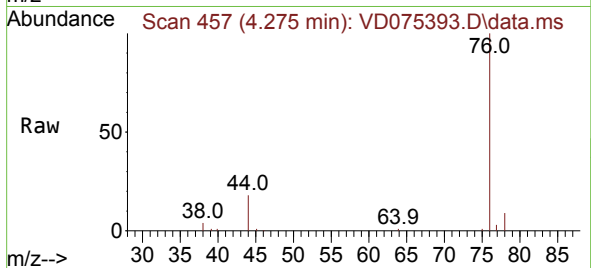




#17
Carbon Disulfide
Concen: 47.533 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

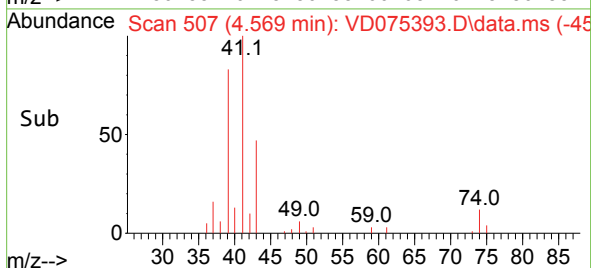
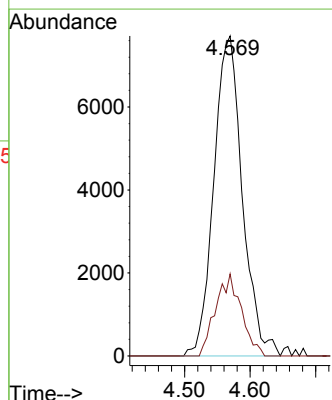
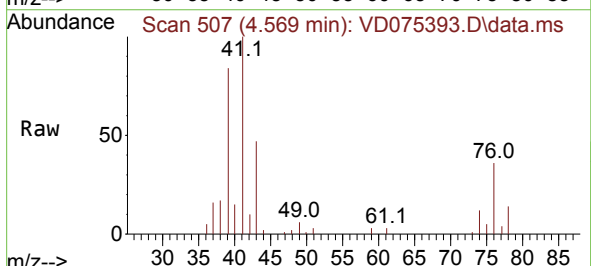
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

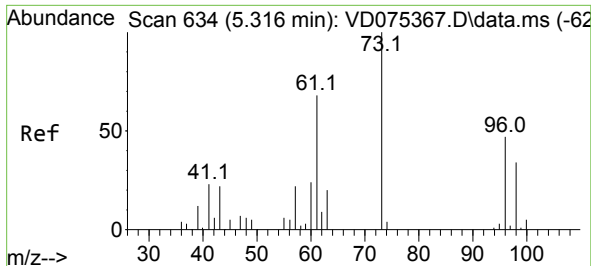
Tgt Ion: 76 Resp: 106250
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0



#18
Methyl Acetate
Concen: 49.019 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 43 Resp: 23282
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.6

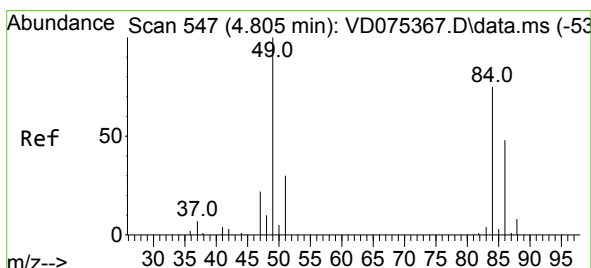
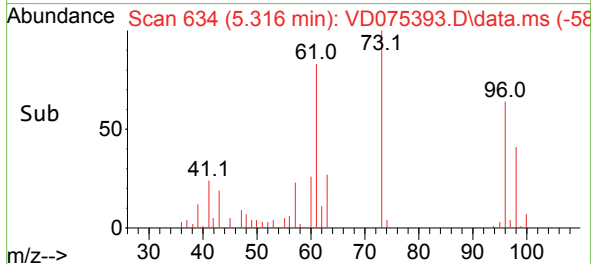
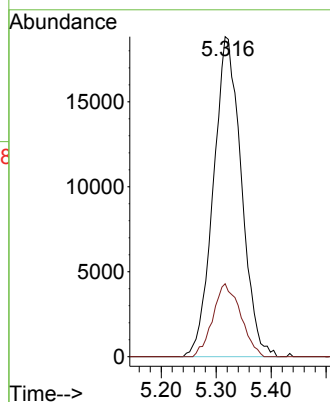
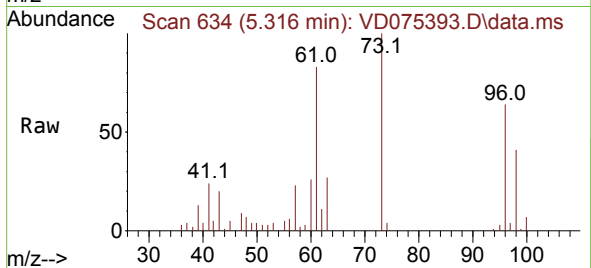




#19
Methyl tert-butyl Ether
Concen: 51.727 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

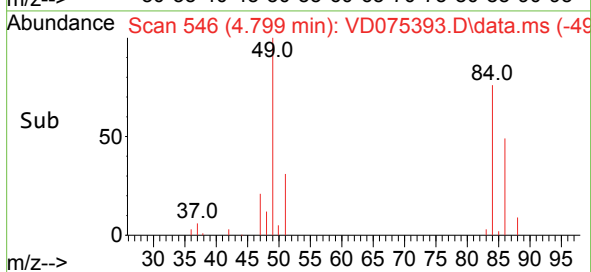
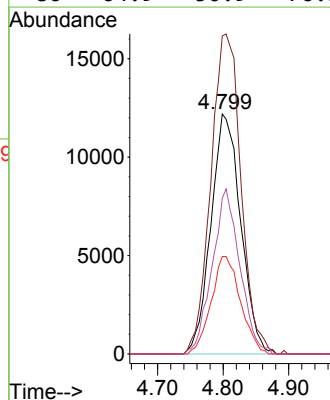
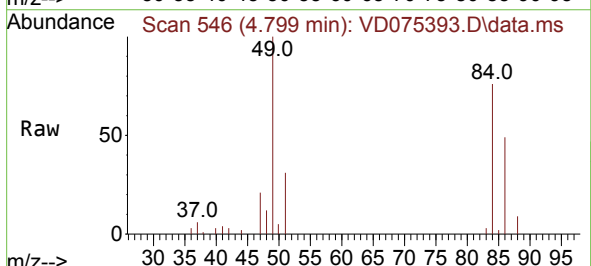
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

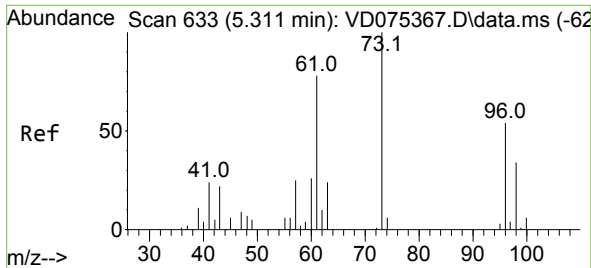
Tgt Ion: 73 Resp: 66466
Ion Ratio Lower Upper
73 100
57 22.8 17.2 25.8



#20
Methylene Chloride
Concen: 53.177 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

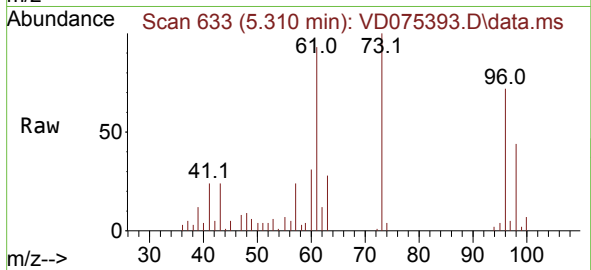
Tgt Ion: 84 Resp: 38462
Ion Ratio Lower Upper
84 100
49 132.4 106.4 159.6
51 40.6 32.4 48.6
86 64.9 50.9 76.3



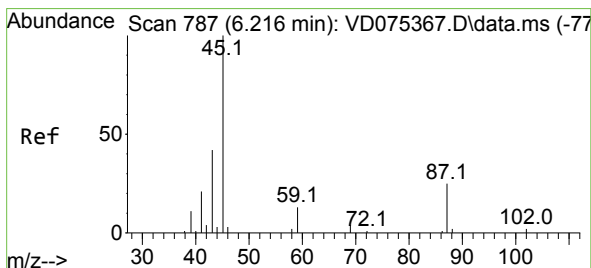
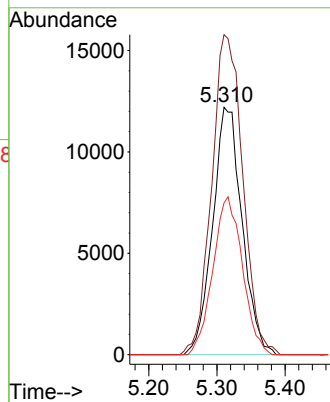
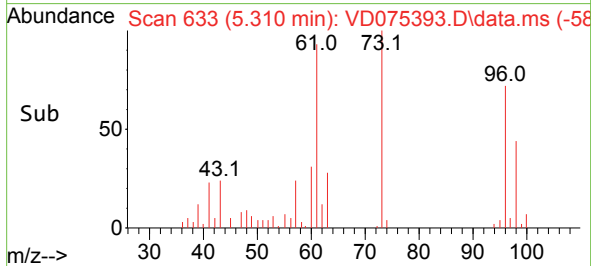


#21
trans-1,2-Dichloroethene
Concen: 51.613 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.001 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

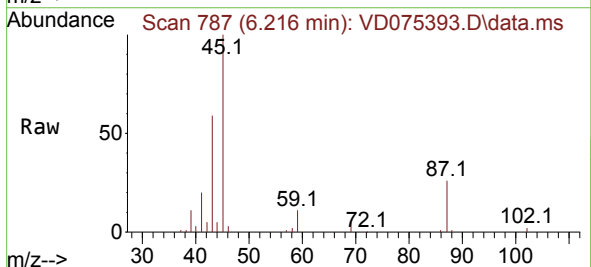
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



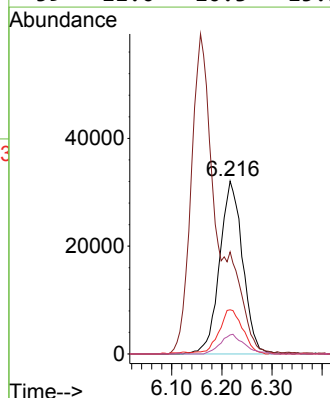
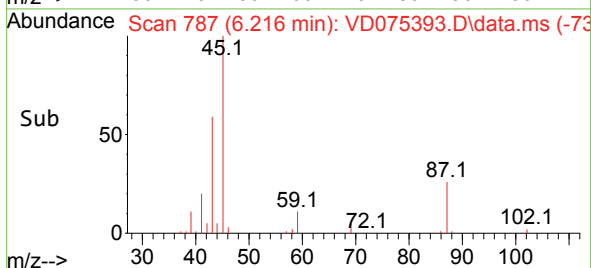
Tgt Ion: 96 Resp: 36616
Ion Ratio Lower Upper
96 100
61 129.3 117.2 175.8
98 61.4 50.6 76.0

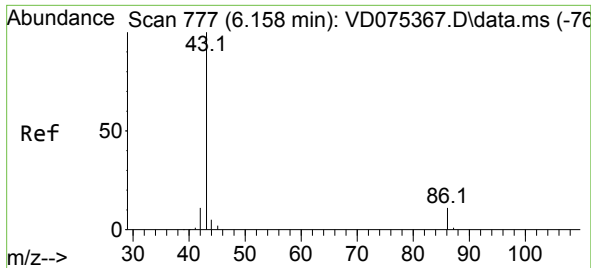


#22
Diisopropyl ether
Concen: 53.422 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56



Tgt Ion: 45 Resp: 102411
Ion Ratio Lower Upper
45 100
43 58.3 44.4 66.6
87 25.5 20.9 31.3
59 11.0 10.3 15.5

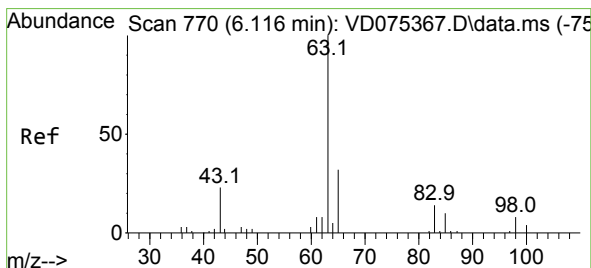
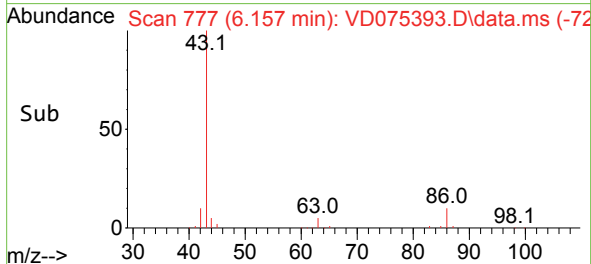
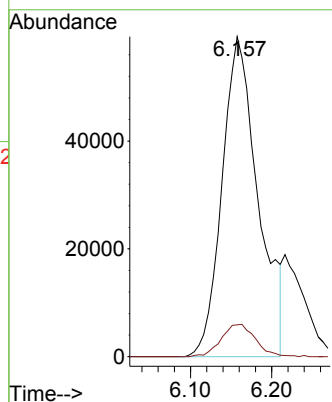
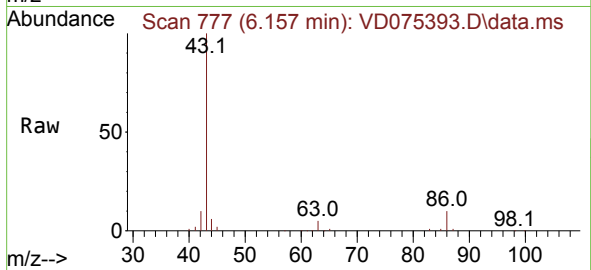




#23
 Vinyl Acetate
 Concen: 289.041 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.001 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

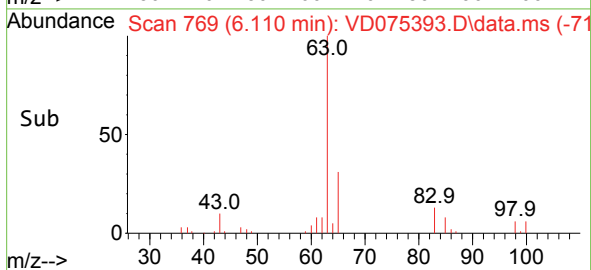
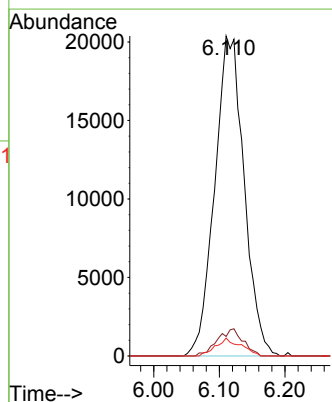
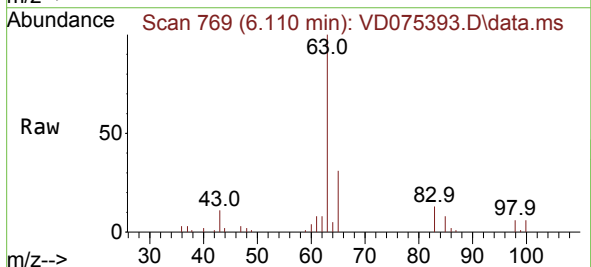
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

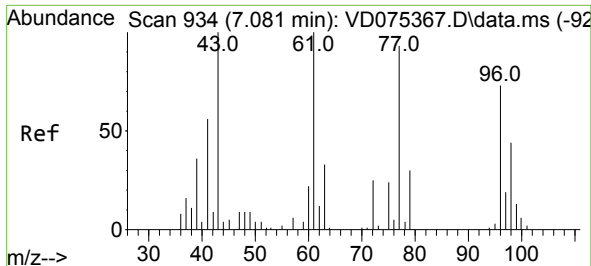
Tgt Ion: 43 Resp: 183226
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 50.335 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

Tgt Ion: 63 Resp: 63367
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 5.6 2.0 6.0

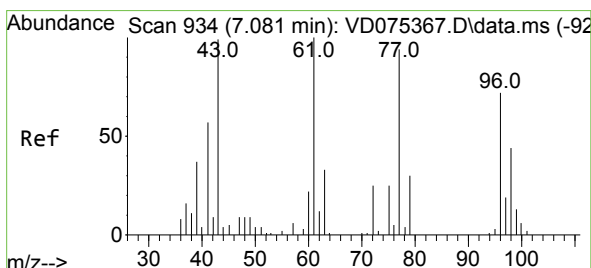
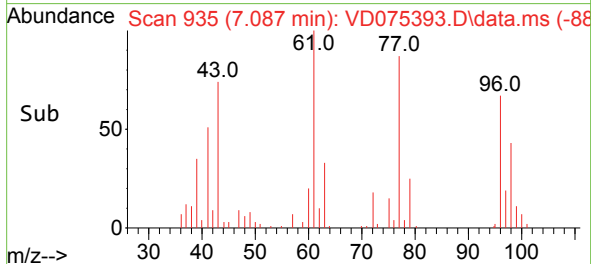
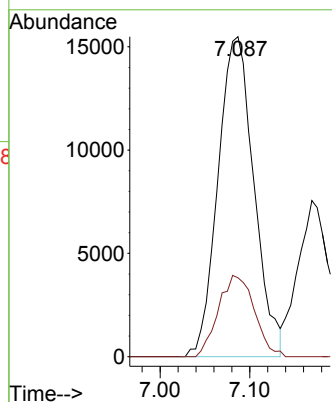
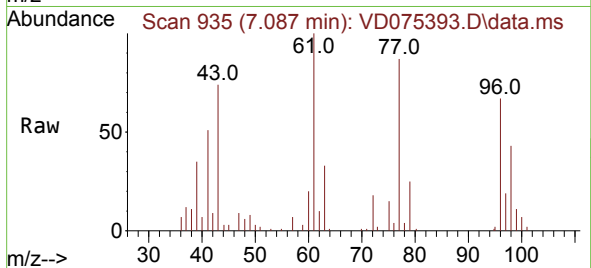




#25
2-Butanone
Concen: 228.061 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

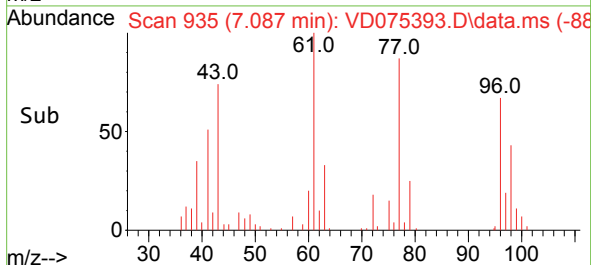
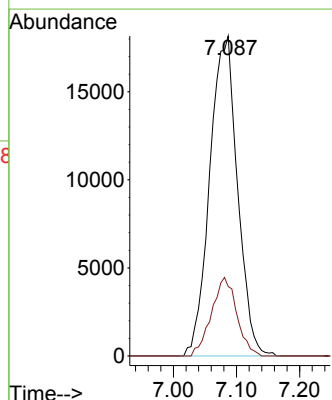
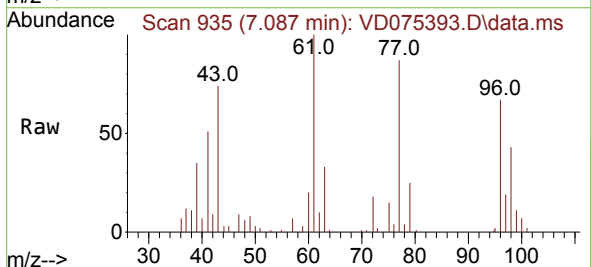
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

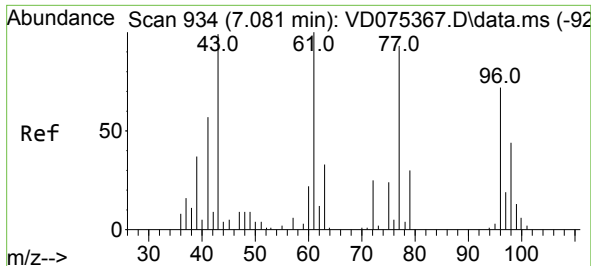
Tgt Ion: 43 Resp: 43107
Ion Ratio Lower Upper
43 100
72 24.7 19.8 29.8



#26
2,2-Dichloropropane
Concen: 50.637 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 77 Resp: 55442
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.948 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

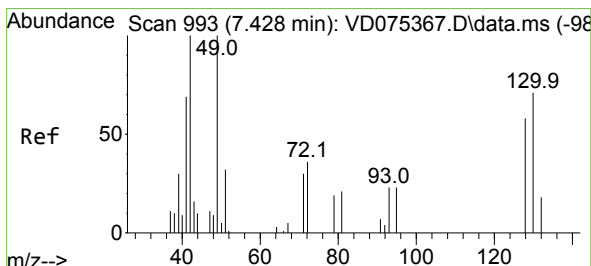
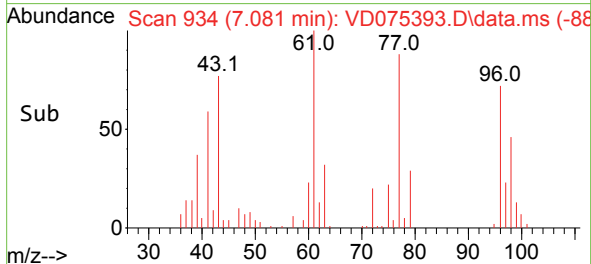
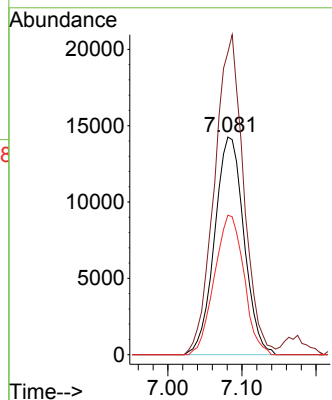
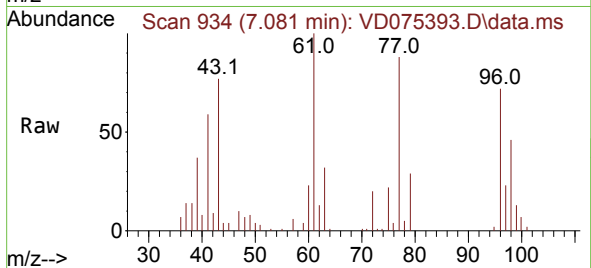
Tgt Ion: 96 Resp: 39204

Ion Ratio Lower Upper

96 100

61 145.7 0.0 295.2

98 64.4 0.0 129.2



#28

Bromochloromethane

Concen: 51.615 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

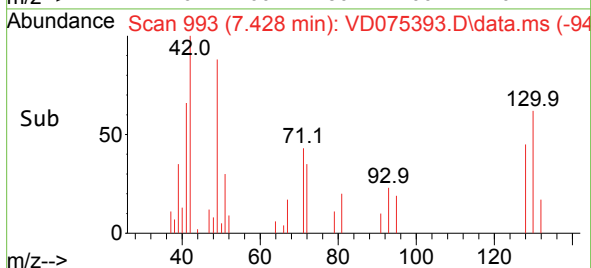
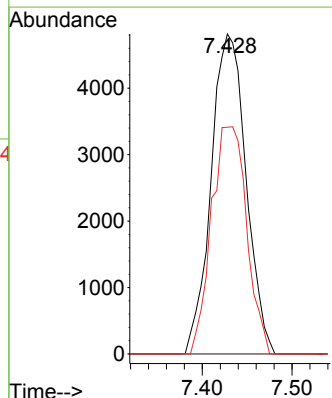
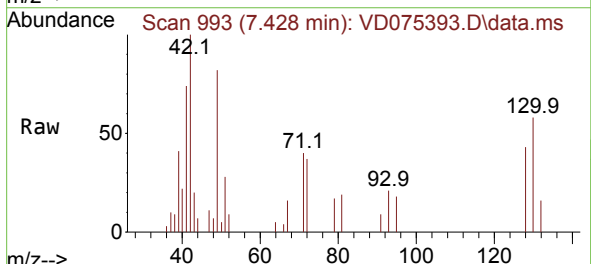
Tgt Ion: 49 Resp: 13021

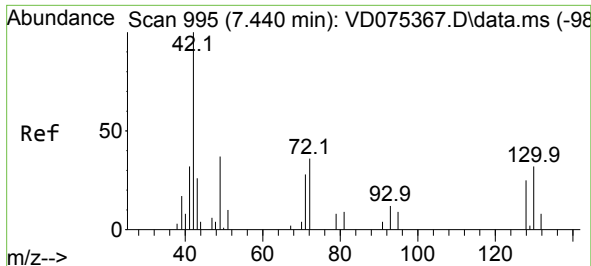
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 71.7 56.0 84.0





#29

Tetrahydrofuran

Concen: 248.519 ug/l

RT: 7.451 min Scan# 995

Delta R.T. 0.011 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

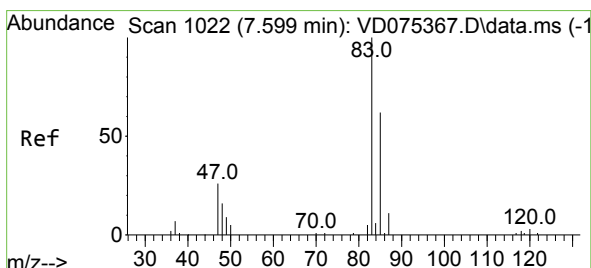
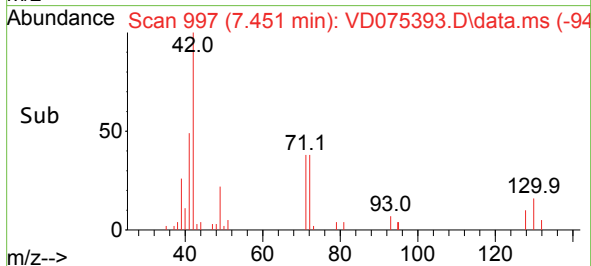
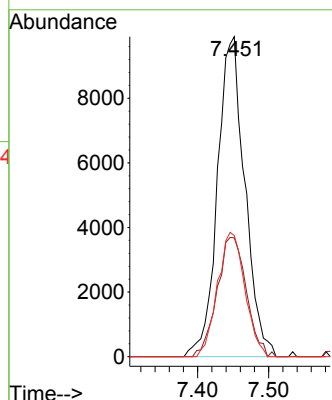
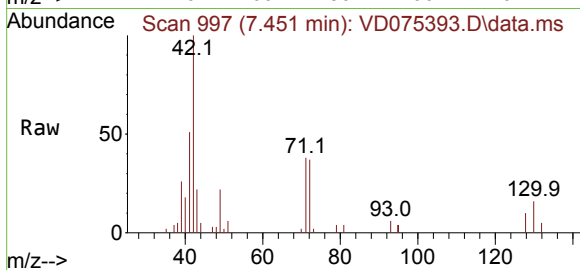
Tgt Ion: 42 Resp: 26494

Ion Ratio Lower Upper

42 100

72 39.9 31.8 47.6

71 38.7 27.6 41.4



#30

Chloroform

Concen: 51.840 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075393.D

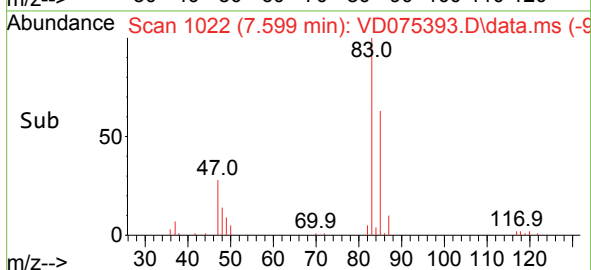
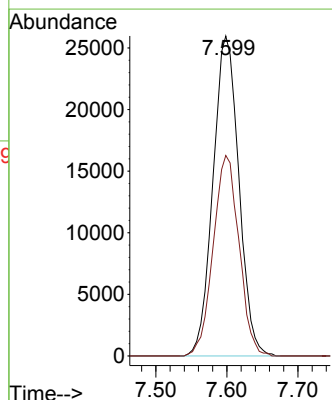
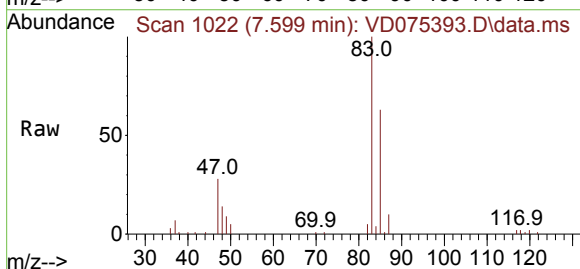
Acq: 21 Feb 2023 20:56

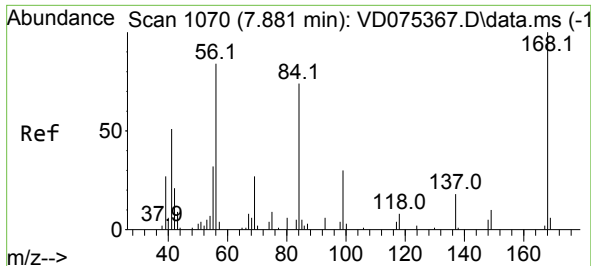
Tgt Ion: 83 Resp: 65537

Ion Ratio Lower Upper

83 100

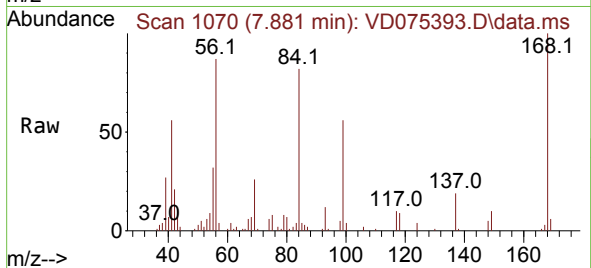
85 62.7 49.4 74.2



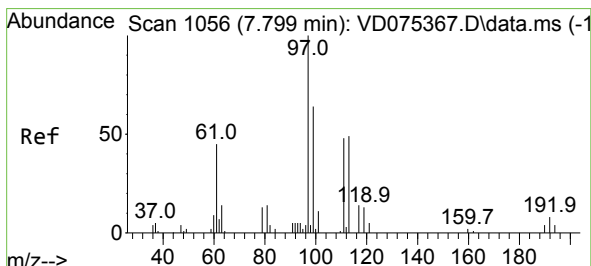
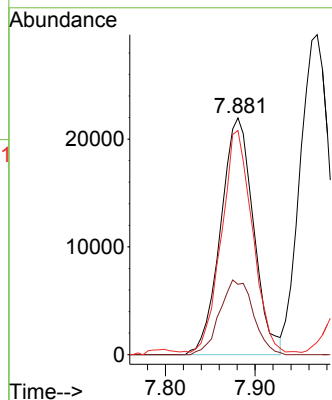
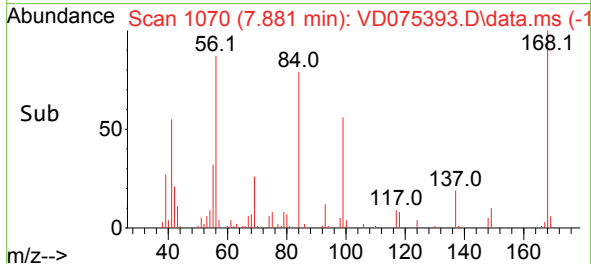


#31
Cyclohexane
Concen: 47.089 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

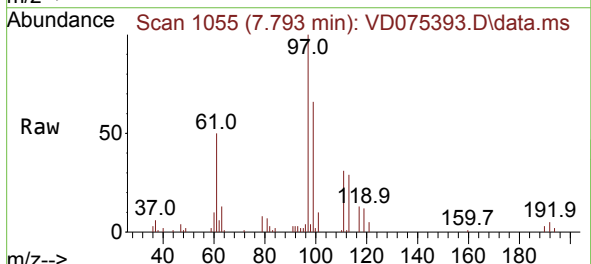
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



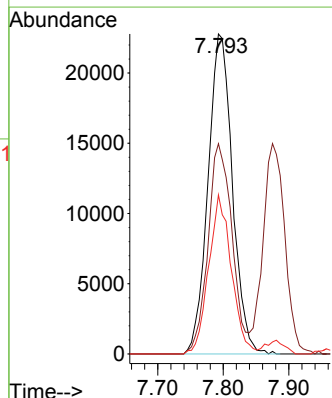
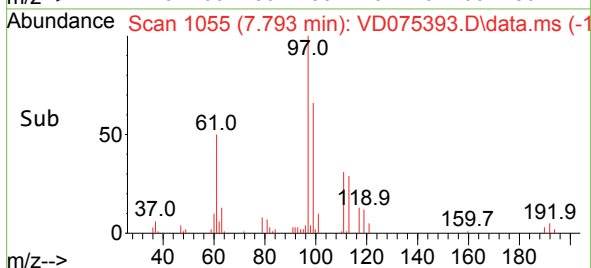
Tgt Ion: 56 Resp: 55970
Ion Ratio Lower Upper
56 100
69 29.7 25.5 38.3
84 93.5 69.6 104.4

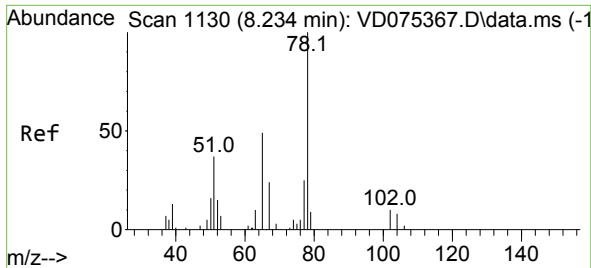


#32
1,1,1-Trichloroethane
Concen: 50.619 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56



Tgt Ion: 97 Resp: 58905
Ion Ratio Lower Upper
97 100
99 65.0 50.5 75.7
61 46.3 36.6 55.0

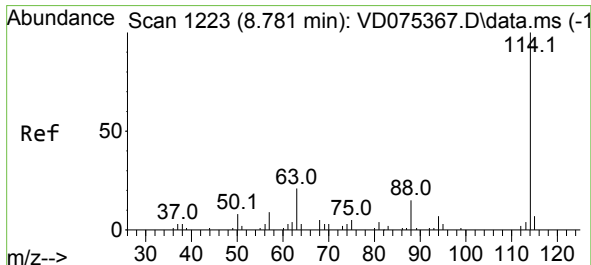
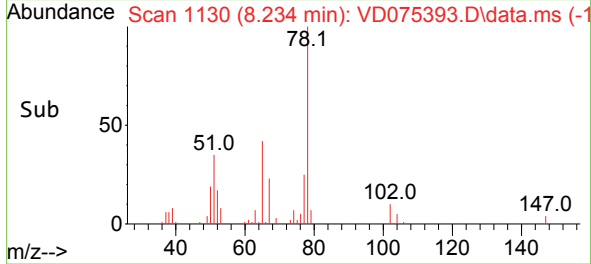
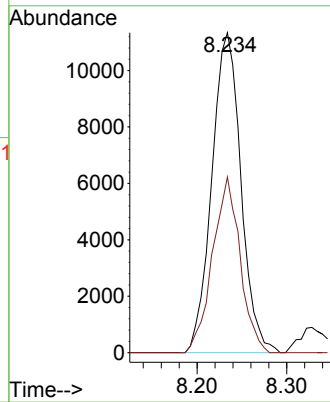
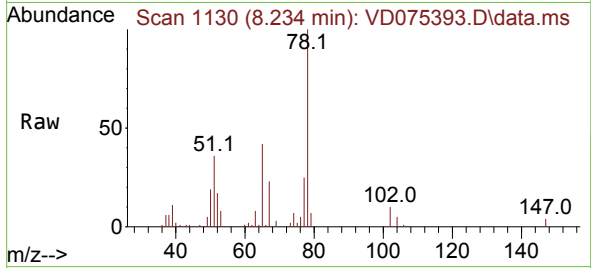




#33
 1,2-Dichloroethane-d4
 Concen: 50.710 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

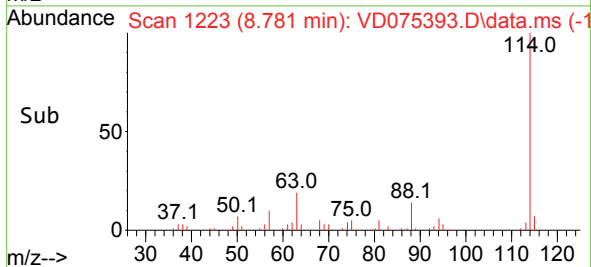
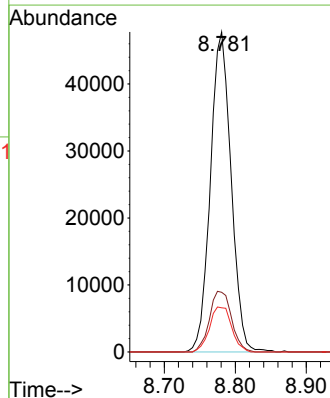
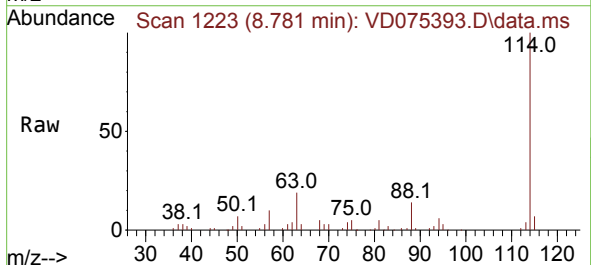
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

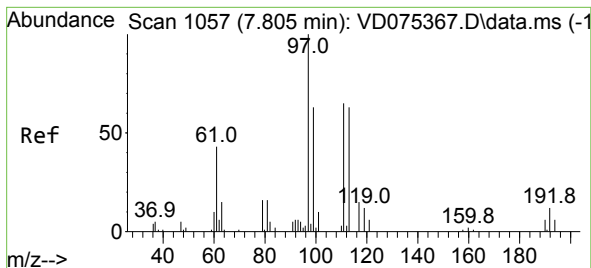
Tgt Ion: 65 Resp: 25548
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

Tgt Ion: 114 Resp: 96604
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.6
 88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.929 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

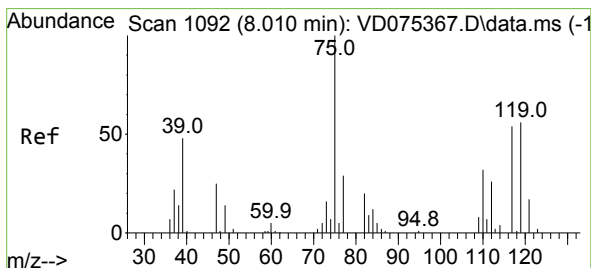
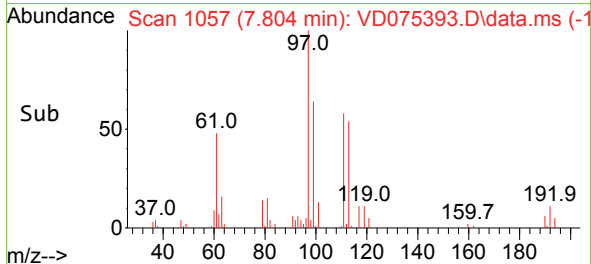
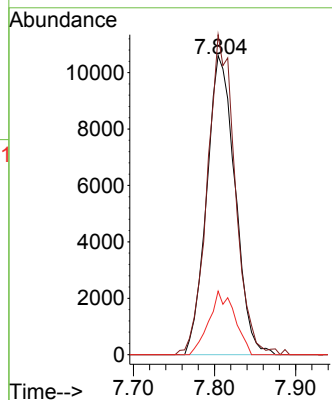
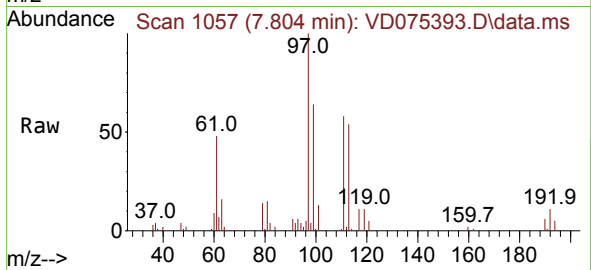
Tgt Ion:113 Resp: 25766

Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

192 19.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 49.040 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

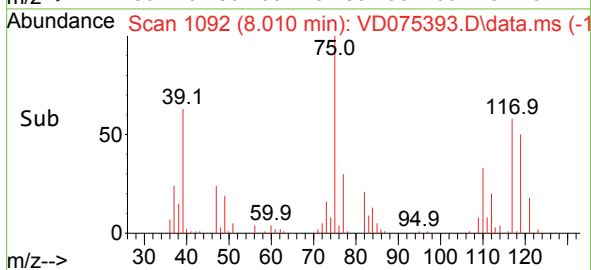
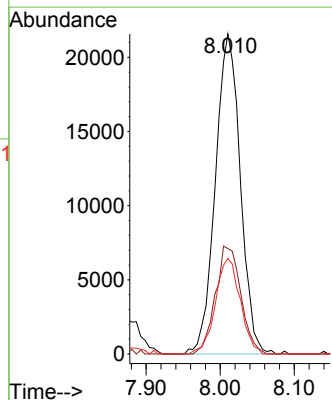
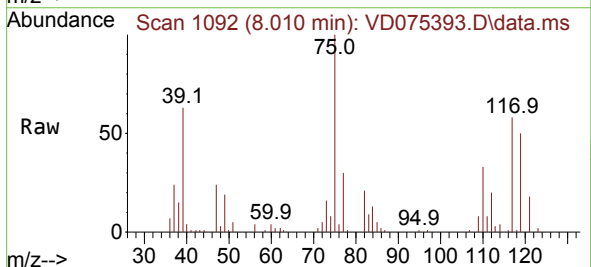
Tgt Ion: 75 Resp: 50407

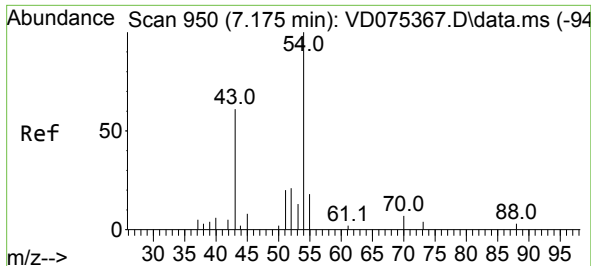
Ion Ratio Lower Upper

75 100

110 34.4 17.1 51.2

77 29.8 24.6 36.8





#37

Ethyl Acetate

Concen: 49.014 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

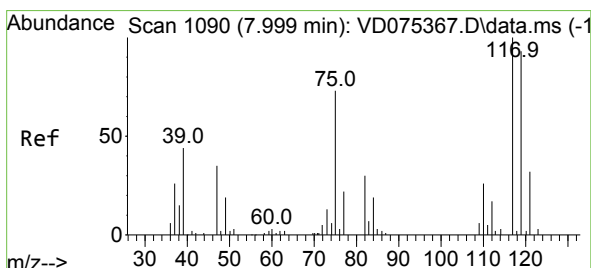
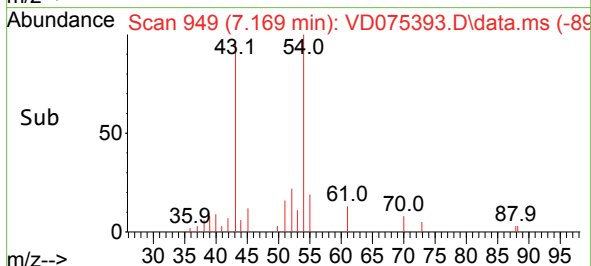
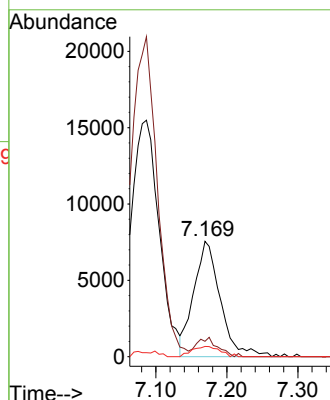
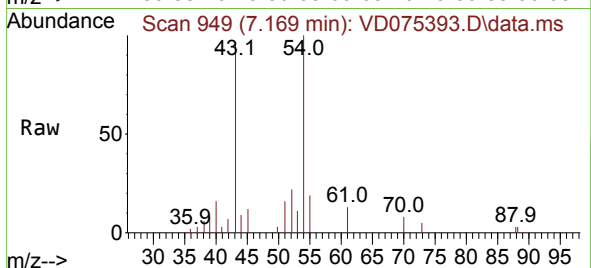
Tgt Ion: 43 Resp: 19717

Ion Ratio Lower Upper

43 100

61 13.0 0.0 0.0#

70 9.3 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 49.495 ug/l

RT: 7.998 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

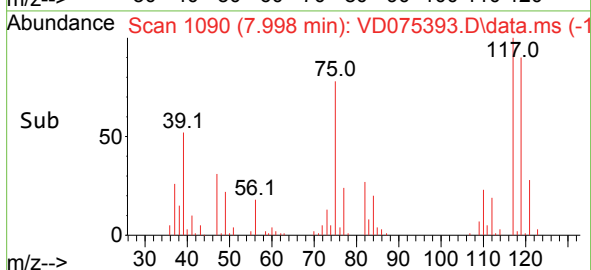
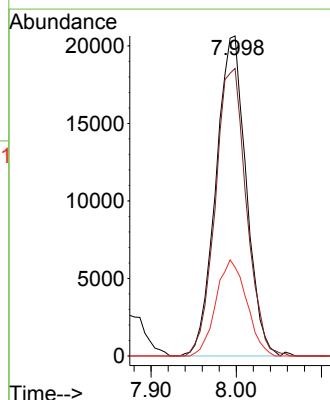
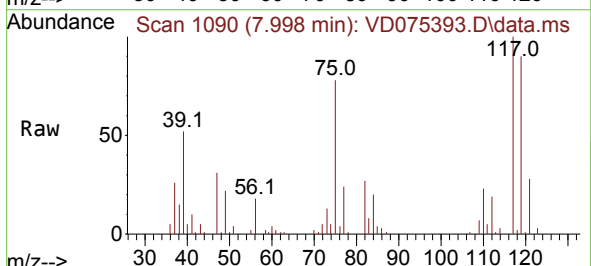
Tgt Ion: 117 Resp: 50974

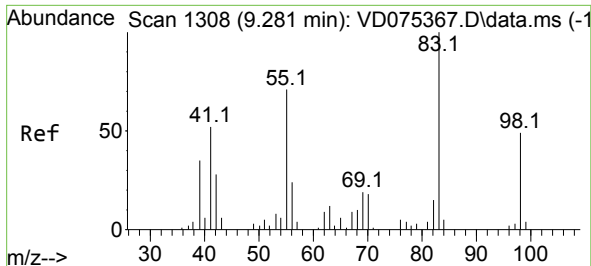
Ion Ratio Lower Upper

117 100

119 89.8 74.7 112.1

121 27.7 25.9 38.9





#39

Methylcyclohexane

Concen: 49.451 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. -0.006 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

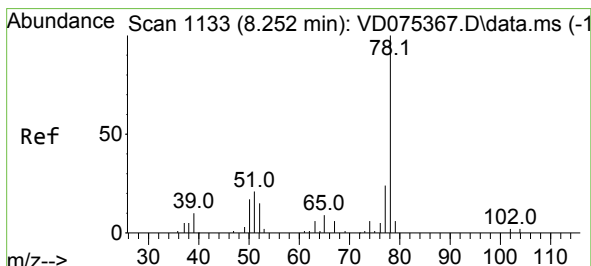
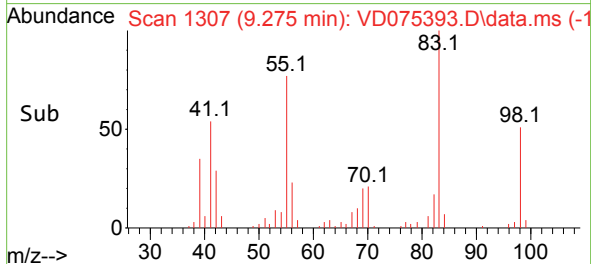
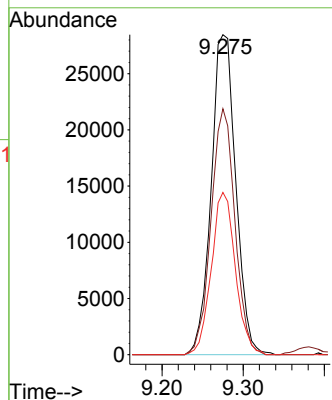
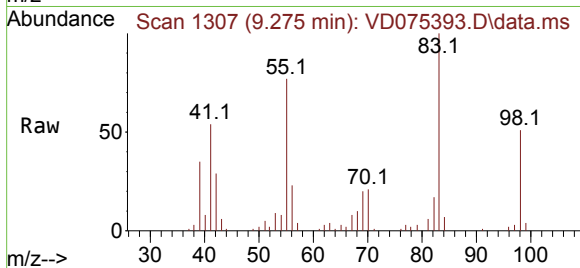
Tgt Ion: 83 Resp: 59911

Ion Ratio Lower Upper

83 100

55 76.8 56.8 85.2

98 50.7 38.9 58.3



#40

Benzene

Concen: 50.195 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075393.D

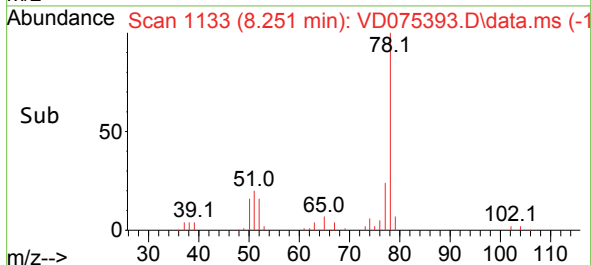
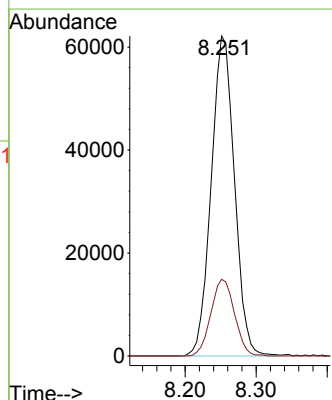
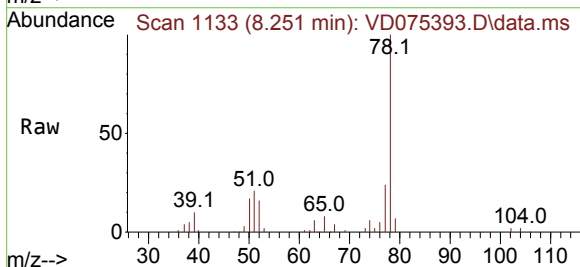
Acq: 21 Feb 2023 20:56

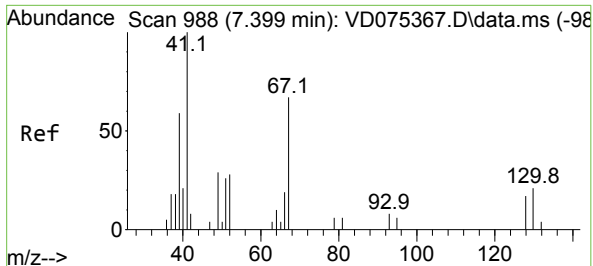
Tgt Ion: 78 Resp: 141237

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



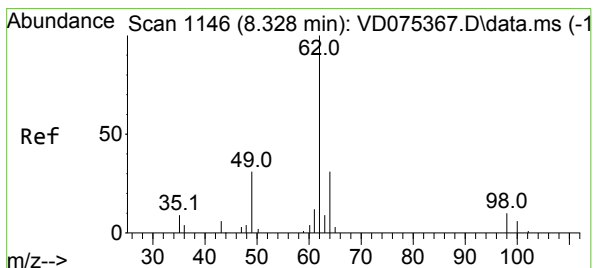
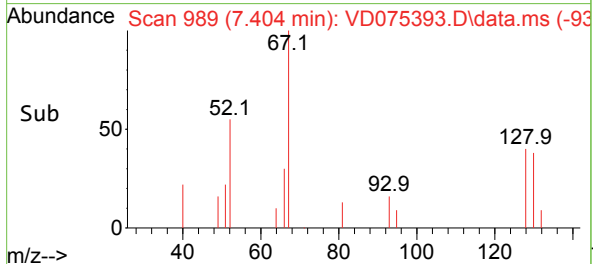
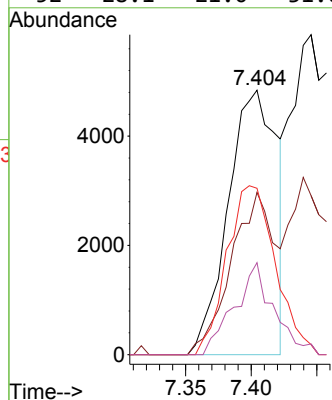
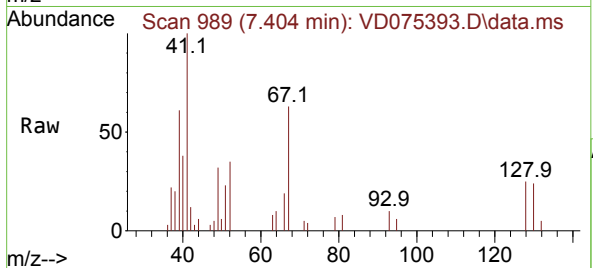


#41
Methacrylonitrile
Concen: 53.986 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.005 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 12455

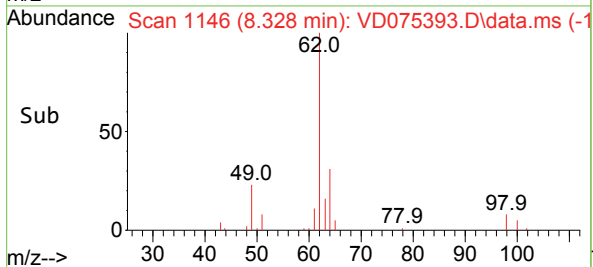
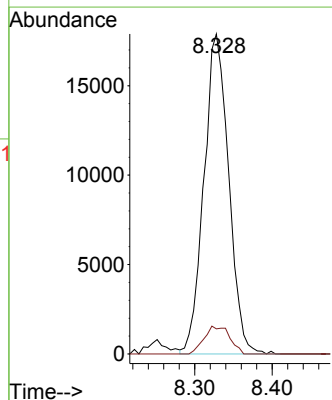
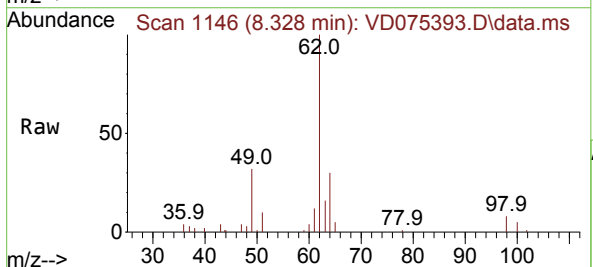
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.3	67.9
67	63.8	50.5	75.7
52	28.1	21.0	31.6

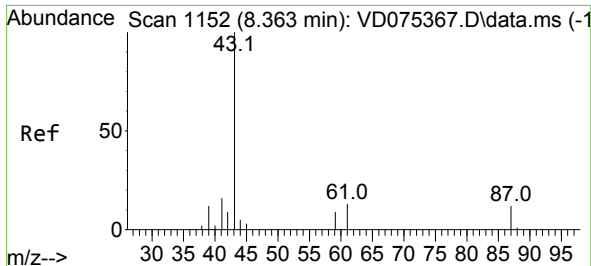


#42
1,2-Dichloroethane
Concen: 50.554 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 62 Resp: 39719

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.8

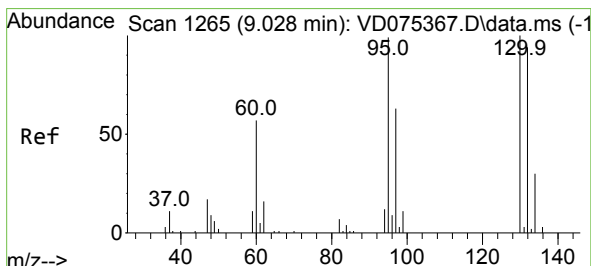
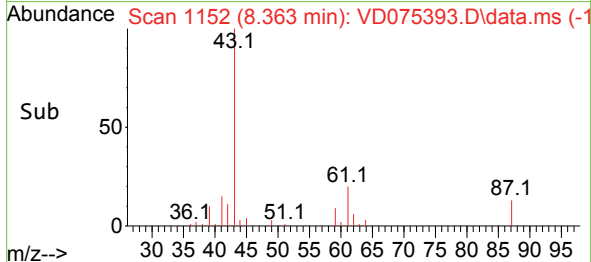
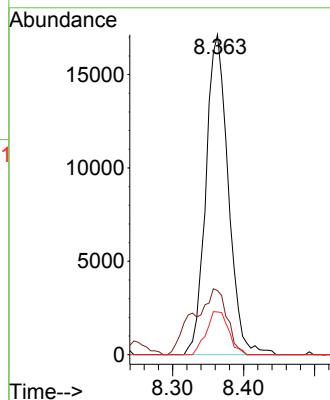
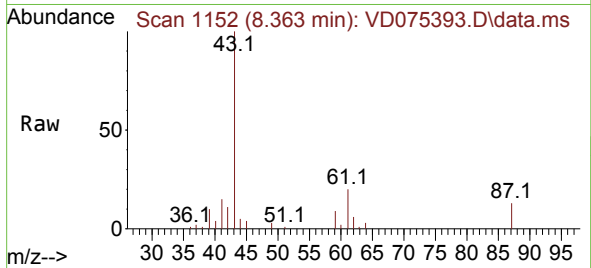




#43
Isopropyl Acetate
Concen: 49.666 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

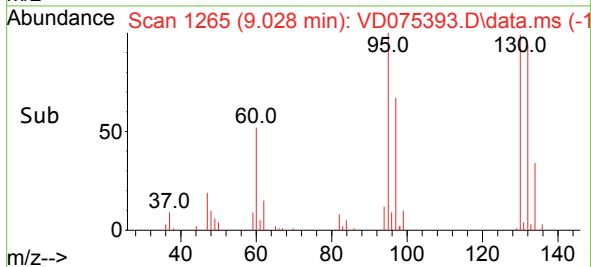
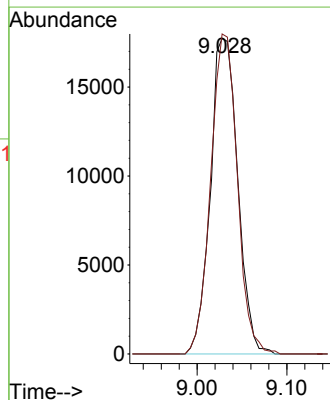
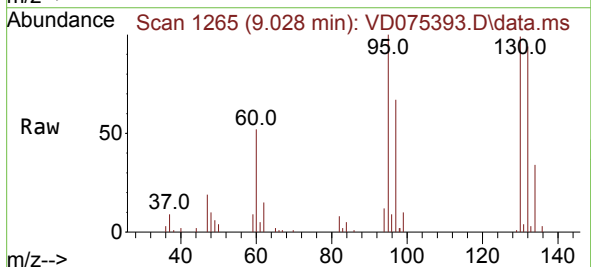
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

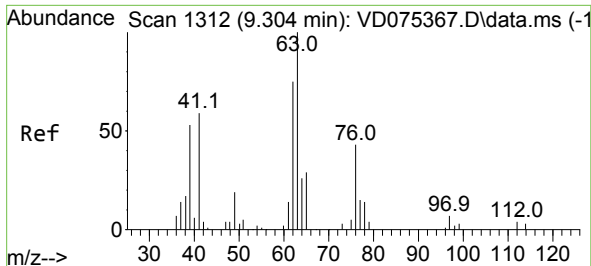
Tgt Ion: 43 Resp: 37539
Ion Ratio Lower Upper
43 100
61 30.6 23.4 35.0
87 13.4 9.5 14.3



#44
Trichloroethene
Concen: 49.849 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 130 Resp: 37576
Ion Ratio Lower Upper
130 100
95 101.4 0.0 197.6





#45

1,2-Dichloropropane

Concen: 51.944 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

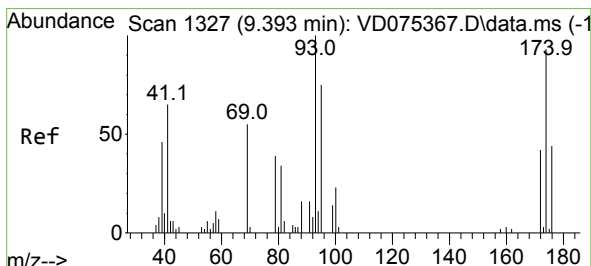
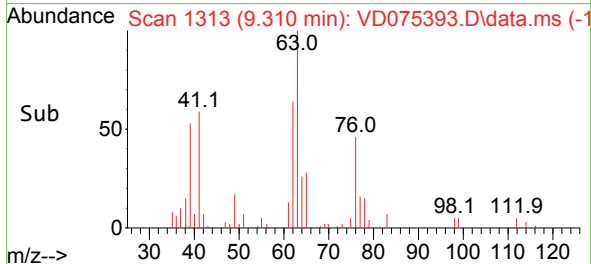
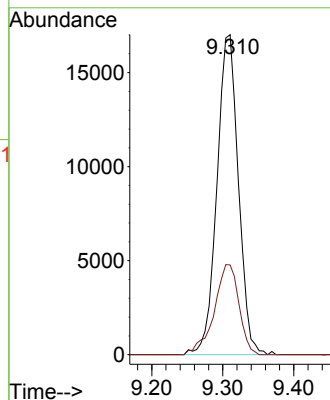
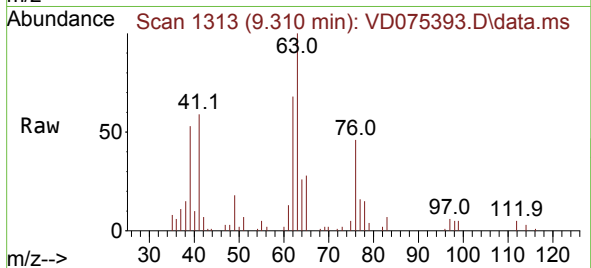
VSTDCCC050EC

Tgt Ion: 63 Resp: 35644

Ion Ratio Lower Upper

63 100

65 28.0 23.0 34.4



#46

Dibromomethane

Concen: 49.960 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

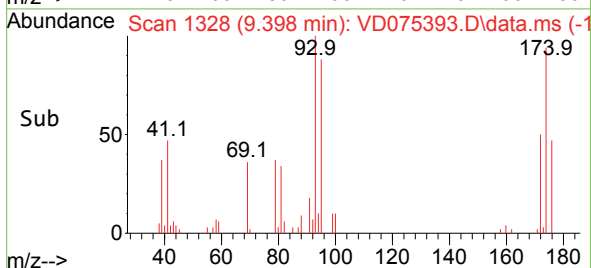
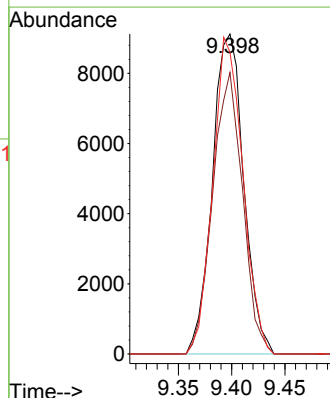
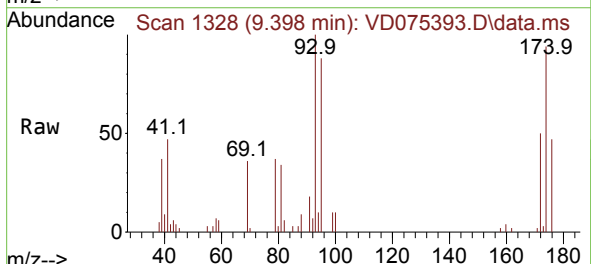
Tgt Ion: 93 Resp: 18667

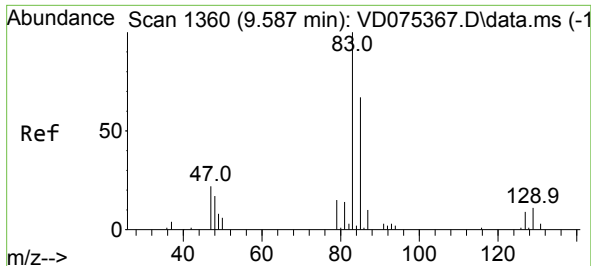
Ion Ratio Lower Upper

93 100

95 84.0 64.5 96.7

174 95.0 76.2 114.4





#47

Bromodichloromethane

Concen: 49.798 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

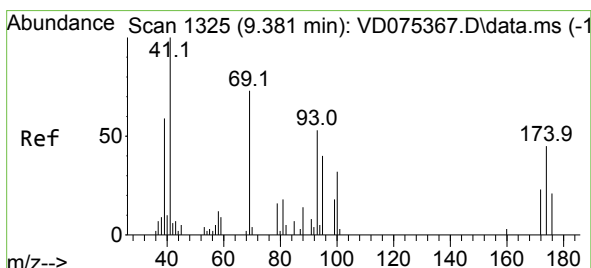
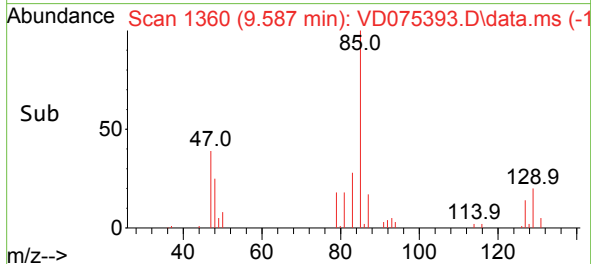
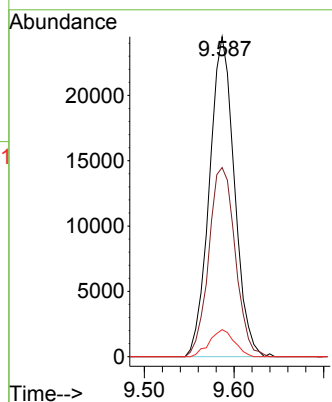
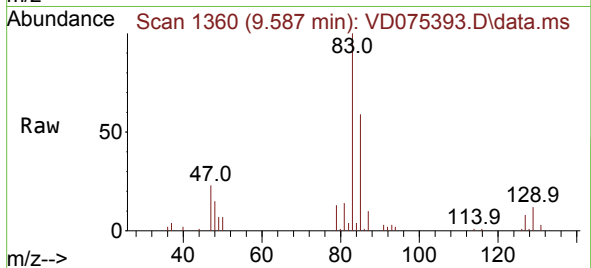
Tgt Ion: 83 Resp: 47348

Ion Ratio Lower Upper

83 100

85 59.1 53.7 80.5

127 8.5 7.0 10.6



#48

Methyl methacrylate

Concen: 50.403 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

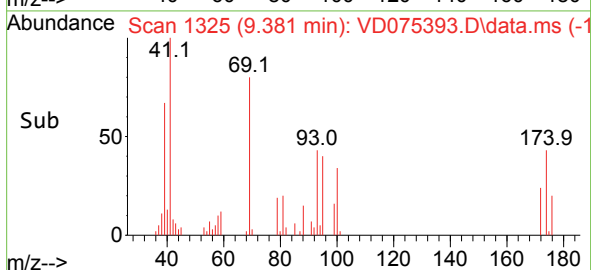
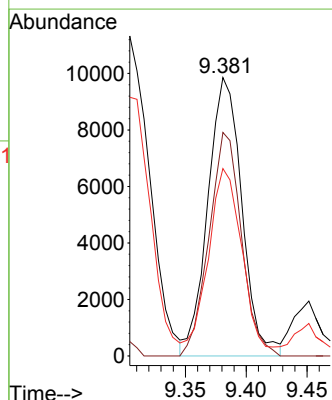
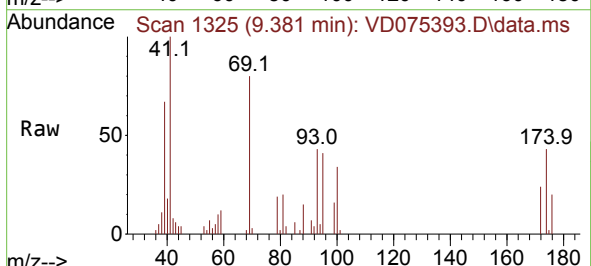
Tgt Ion: 41 Resp: 19151

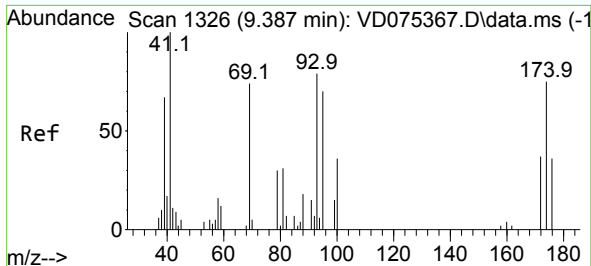
Ion Ratio Lower Upper

41 100

69 76.5 58.6 88.0

39 60.8 53.4 80.0





#49

1,4-Dioxane

Concen: 838.582 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

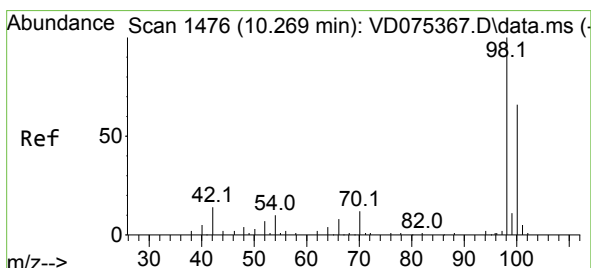
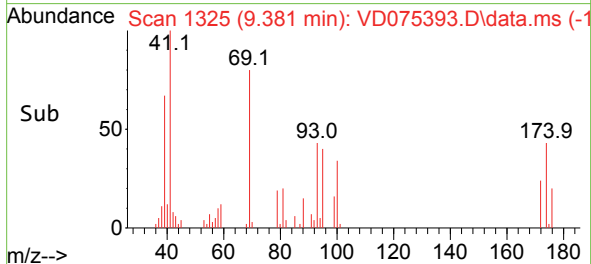
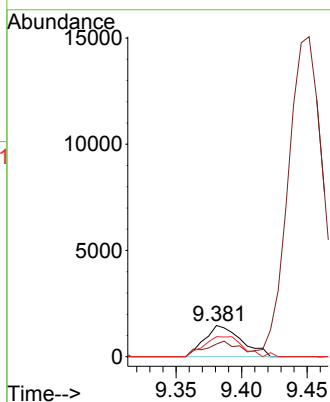
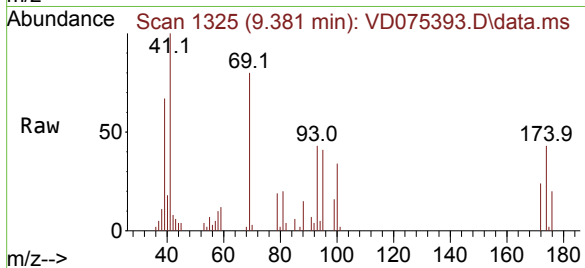
Tgt Ion: 88 Resp: 2846

Ion Ratio Lower Upper

88 100

43 45.1 34.6 51.8

58 68.8 58.0 87.0



#50

Toluene-d8

Concen: 43.198 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075393.D

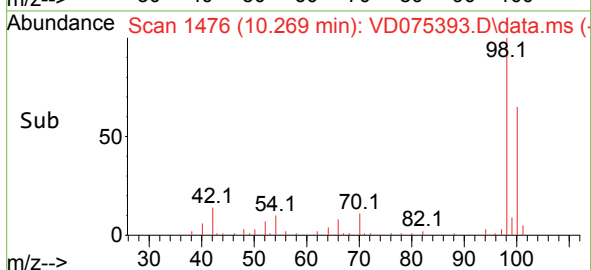
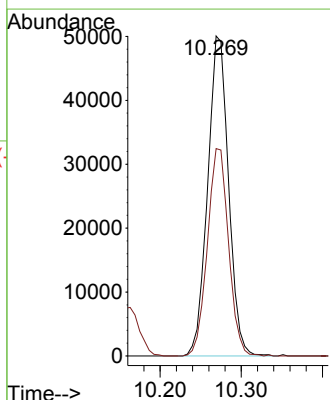
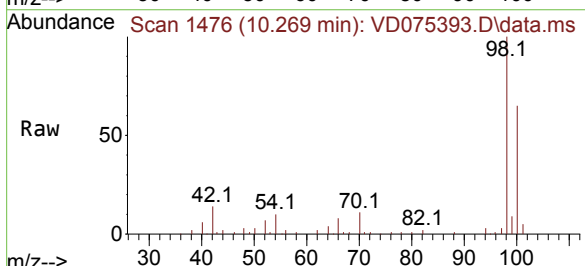
Acq: 21 Feb 2023 20:56

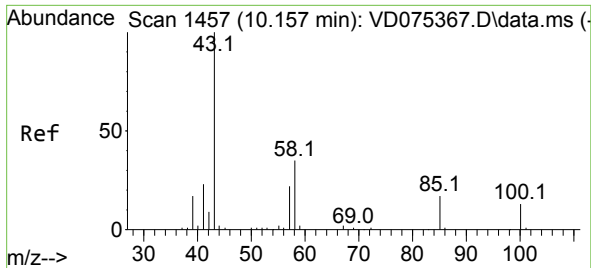
Tgt Ion: 98 Resp: 89405

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 250.563 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

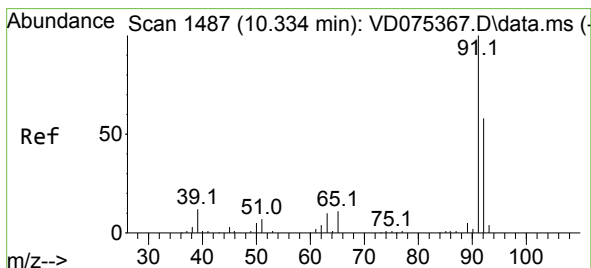
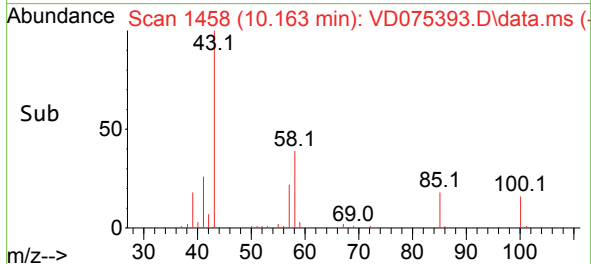
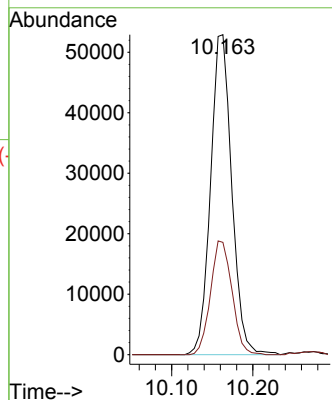
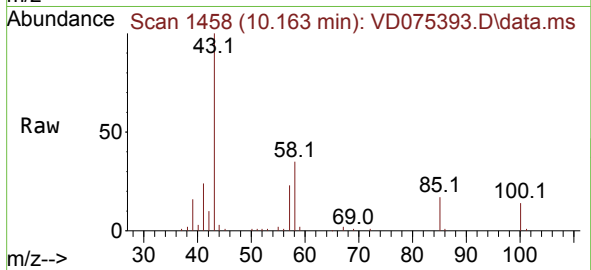
VSTDCCC050EC

Tgt Ion: 43 Resp: 95913

Ion Ratio Lower Upper

43 100

58 36.0 29.5 44.3



#52

Toluene

Concen: 50.910 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075393.D

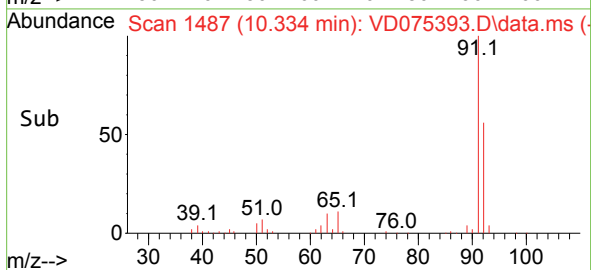
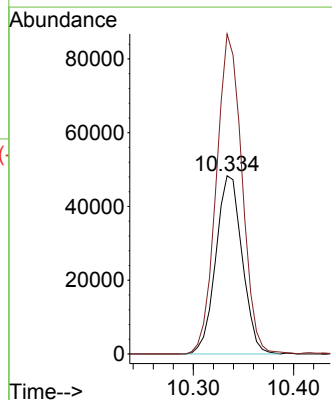
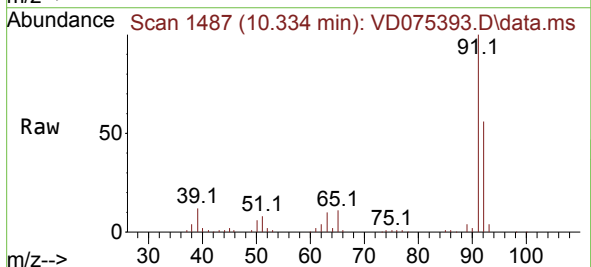
Acq: 21 Feb 2023 20:56

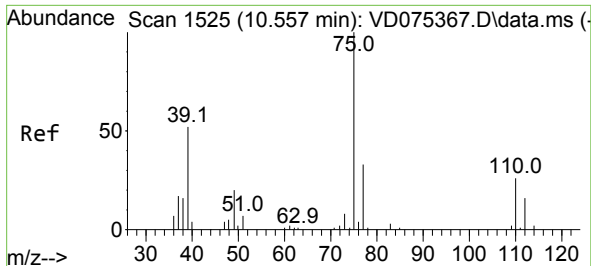
Tgt Ion: 92 Resp: 88197

Ion Ratio Lower Upper

92 100

91 175.1 136.5 204.7

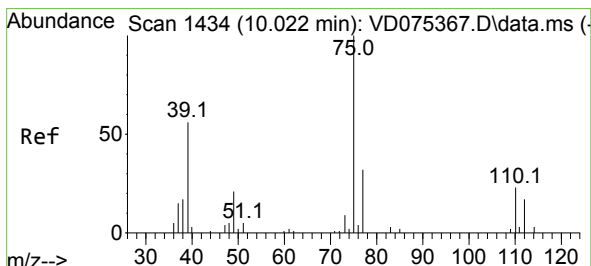
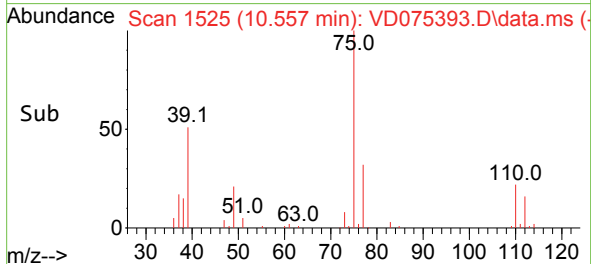
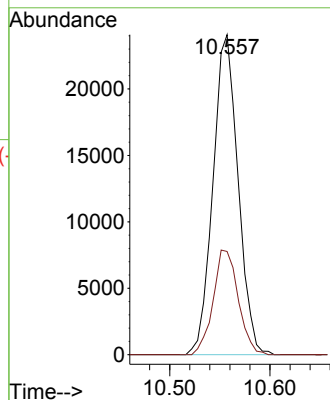
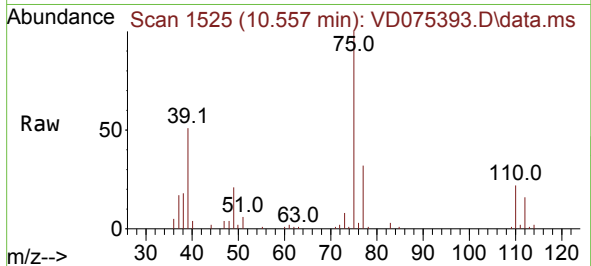




#53
 t-1,3-Dichloropropene
 Concen: 53.625 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

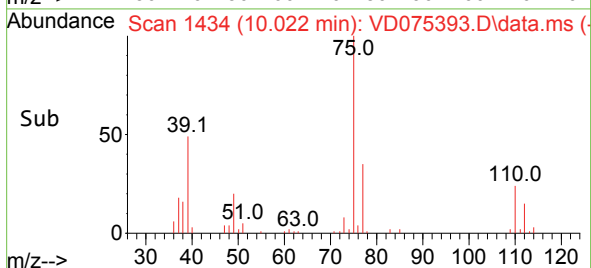
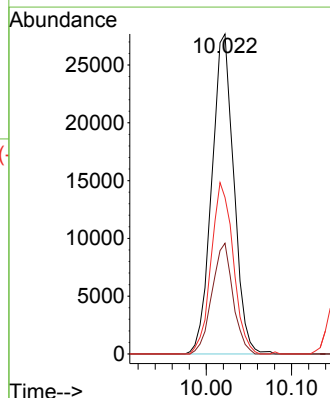
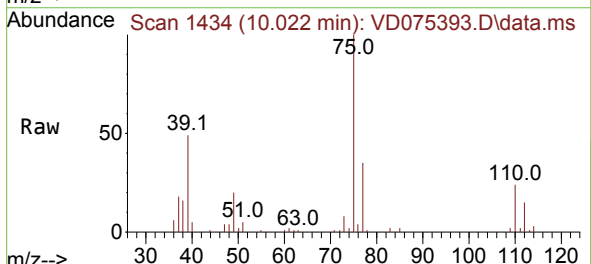
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

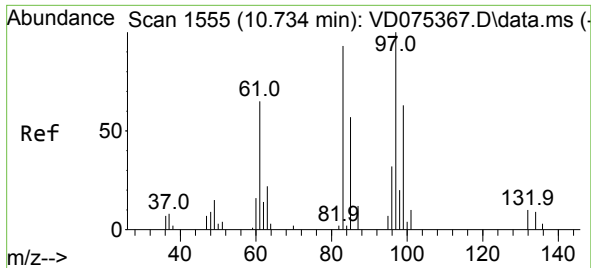
Tgt Ion: 75 Resp: 41742
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.724 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. -0.000 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

Tgt Ion: 75 Resp: 49756
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.6 38.4
 39 48.9 44.8 67.2

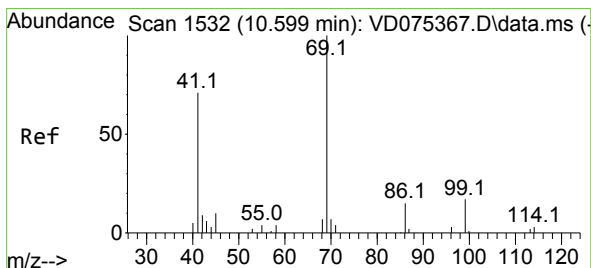
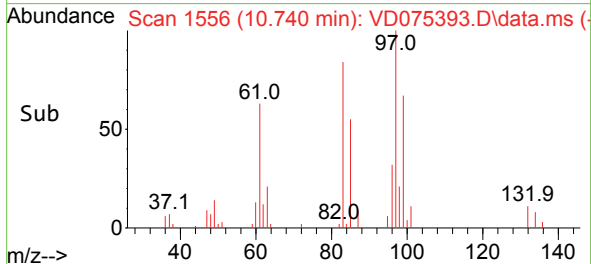
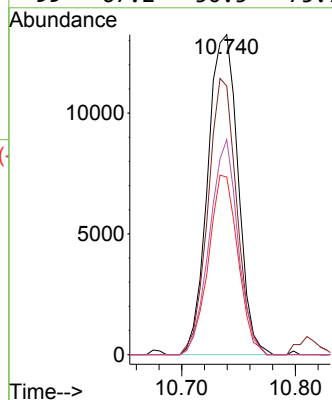
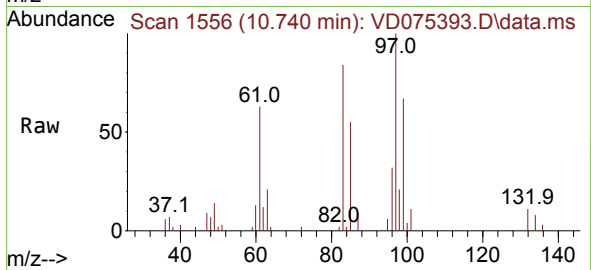




#55
1,1,2-Trichloroethane
Concen: 50.687 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

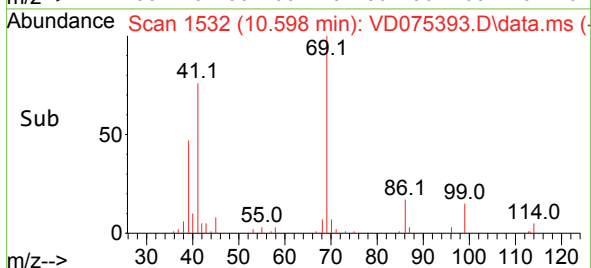
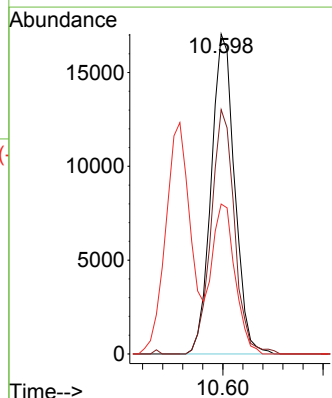
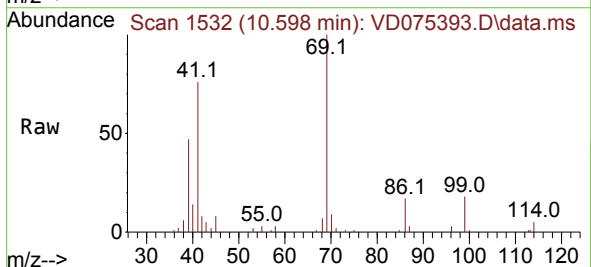
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

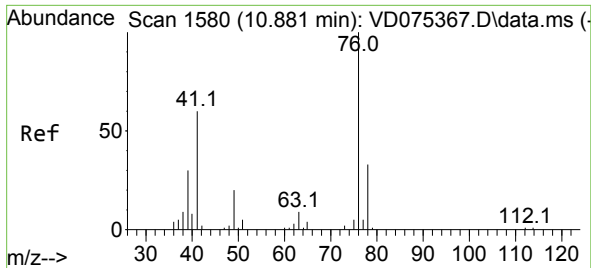
Tgt Ion: 97	Resp: 24535
Ion Ratio	Lower Upper
97 100	
83 83.9	74.2 111.4
85 55.5	45.4 68.0
99 67.2	50.5 75.7



#56
Ethyl methacrylate
Concen: 51.401 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 69	Resp: 27687
Ion Ratio	Lower Upper
69 100	
41 76.2	59.3 88.9
39 45.9	36.0 54.0

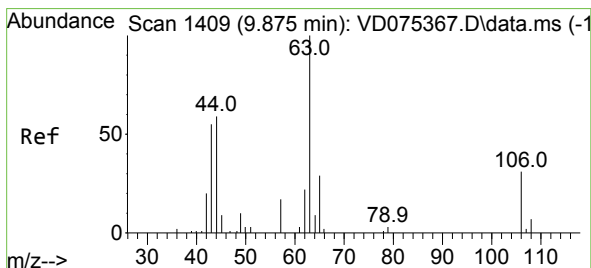
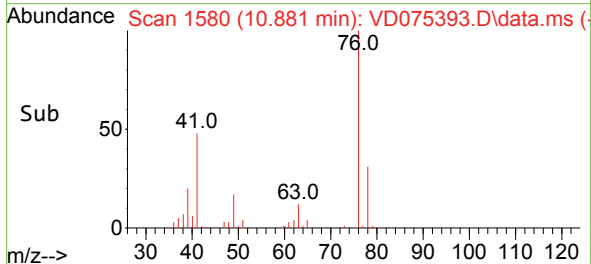
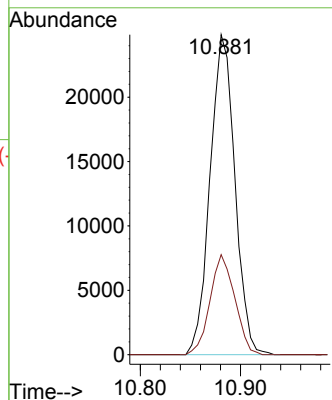
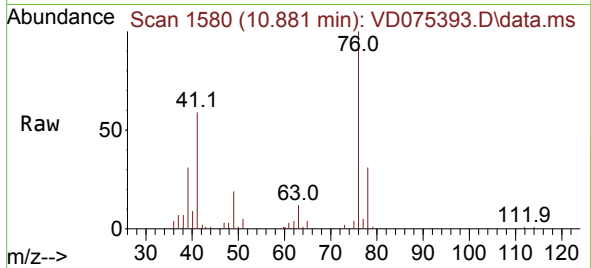




#57
1,3-Dichloropropane
Concen: 51.267 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

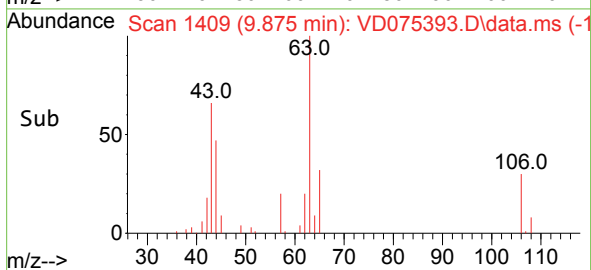
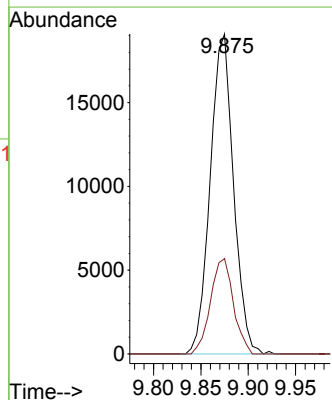
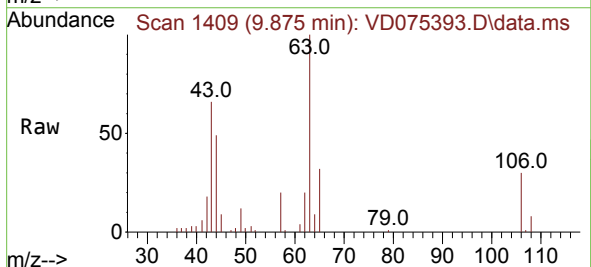
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

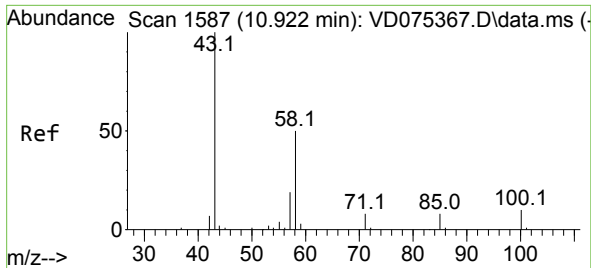
Tgt Ion: 76 Resp: 42742
Ion Ratio Lower Upper
76 100
78 31.1 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 246.837 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 63 Resp: 32625
Ion Ratio Lower Upper
63 100
106 29.2 21.4 32.2

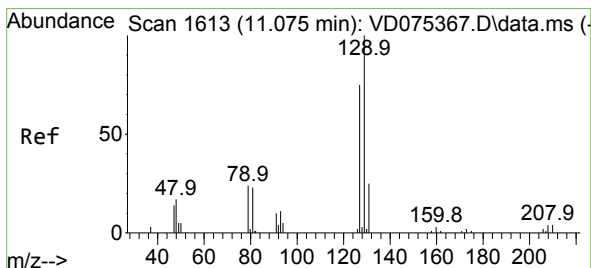
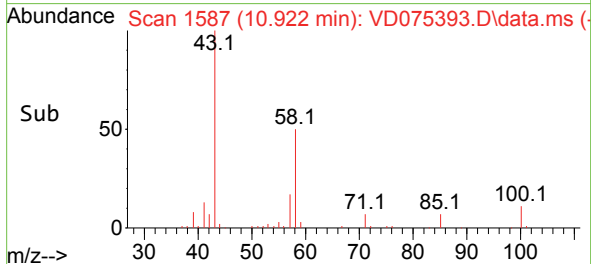
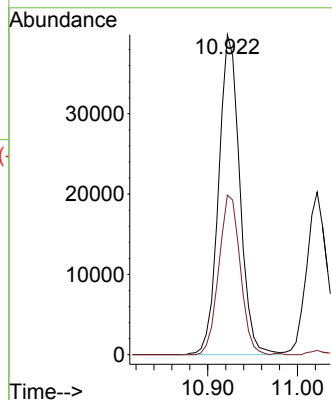
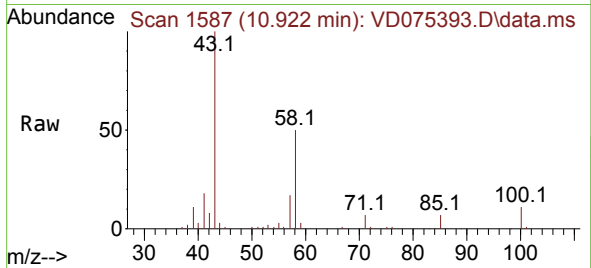




#59
2-Hexanone
Concen: 241.051 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

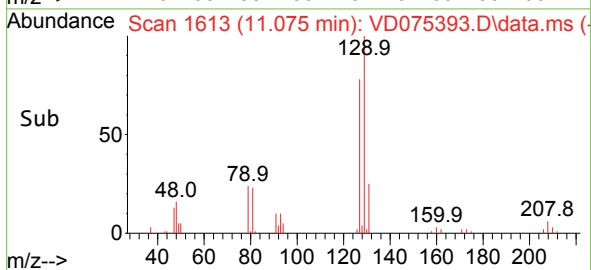
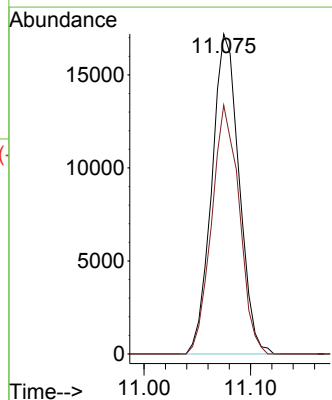
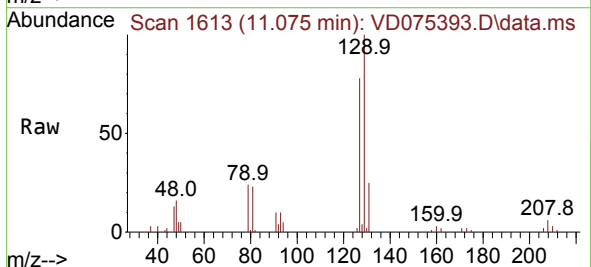
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

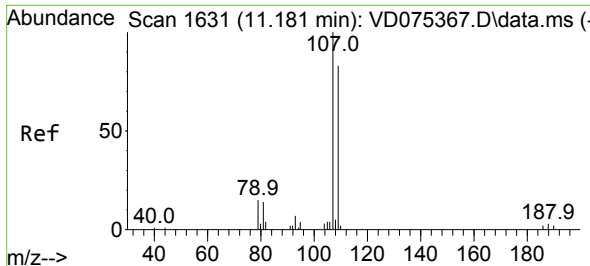
Tgt Ion: 43 Resp: 65112
Ion Ratio Lower Upper
43 100
58 50.7 25.3 75.8



#60
Dibromochloromethane
Concen: 49.366 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 129 Resp: 30551
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.5

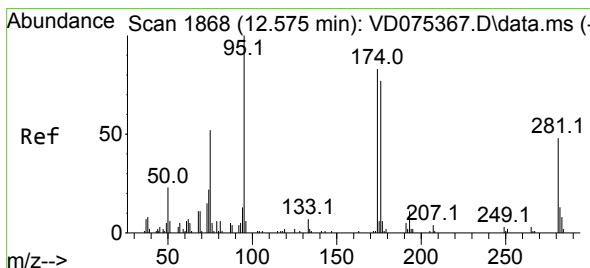
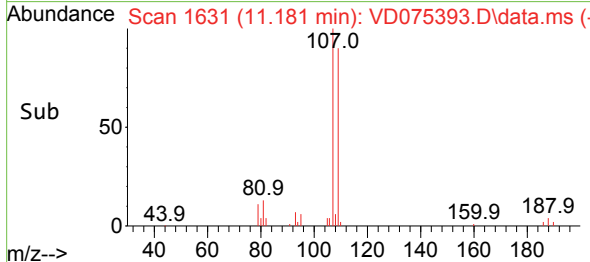
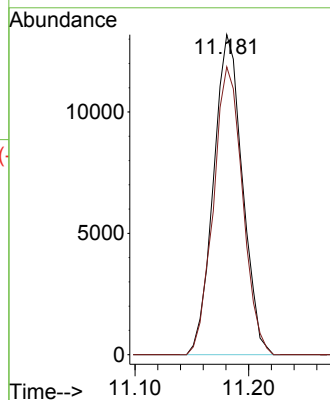
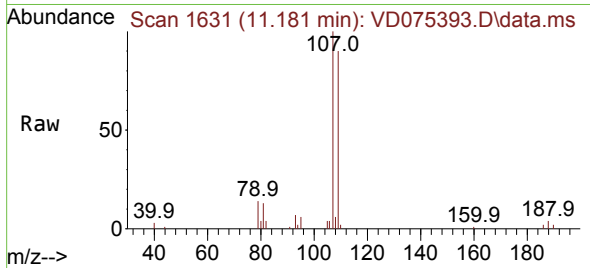




#61
1,2-Dibromoethane
Concen: 50.763 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

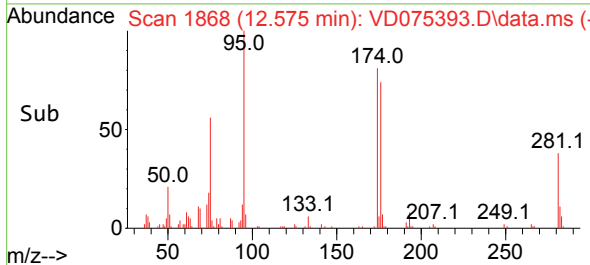
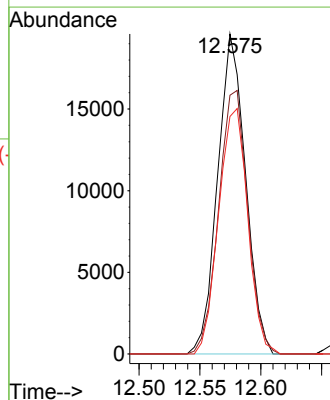
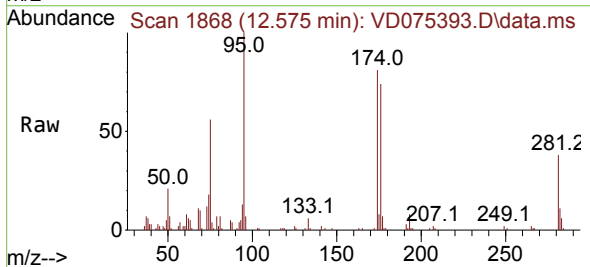
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

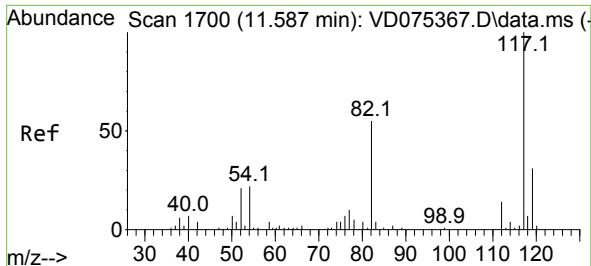
Tgt Ion:107 Resp: 23299
Ion Ratio Lower Upper
107 100
109 90.8 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 44.988 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 95 Resp: 31265
Ion Ratio Lower Upper
95 100
174 85.8 0.0 164.0
176 80.1 0.0 156.8

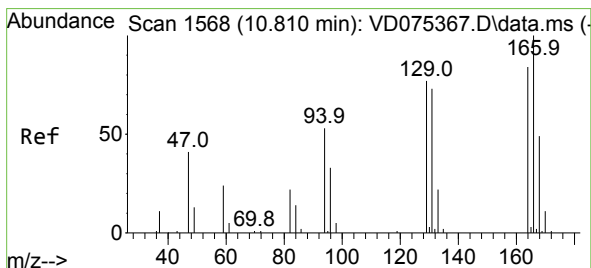
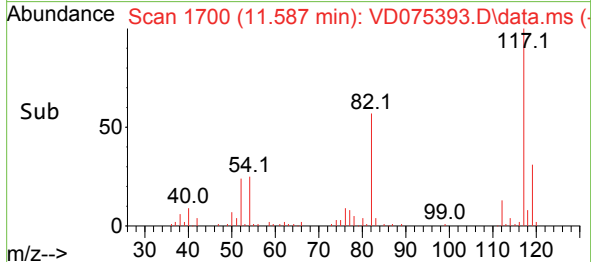
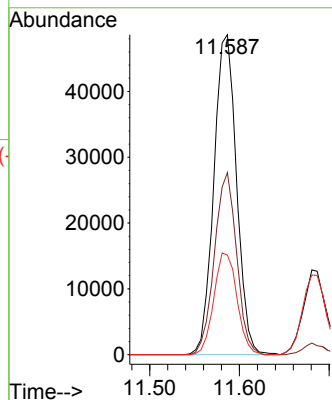
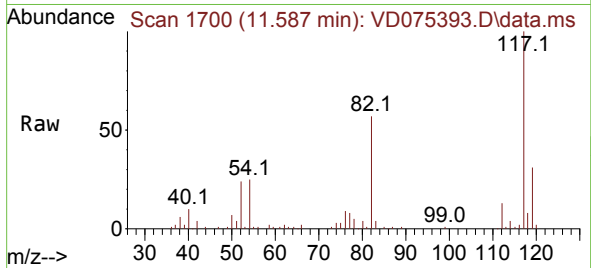




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

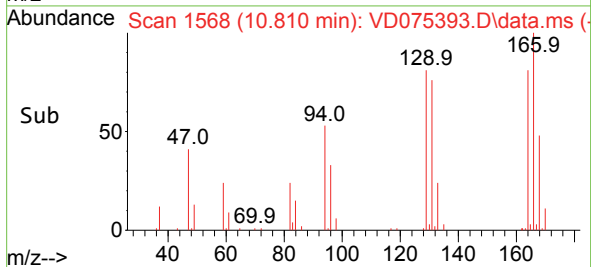
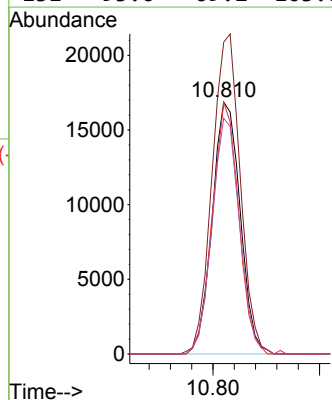
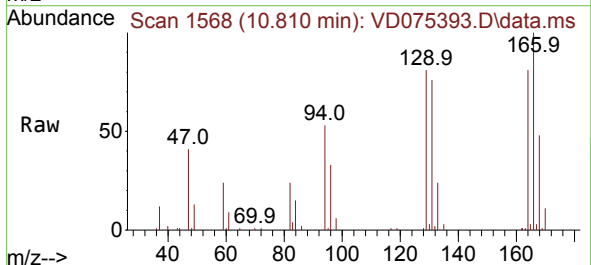
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

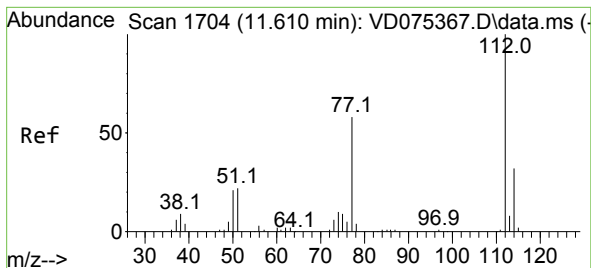
Tgt Ion:117 Resp: 85360
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.1 25.1 37.7



#64
Tetrachloroethene
Concen: 50.082 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion:164 Resp: 30600
Ion Ratio Lower Upper
164 100
166 123.8 94.9 142.3
129 99.8 73.0 109.6
131 93.6 69.2 103.8





#65

Chlorobenzene

Concen: 51.336 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

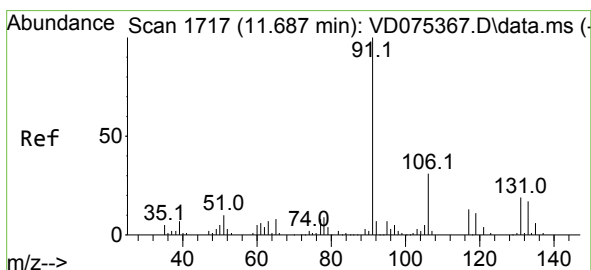
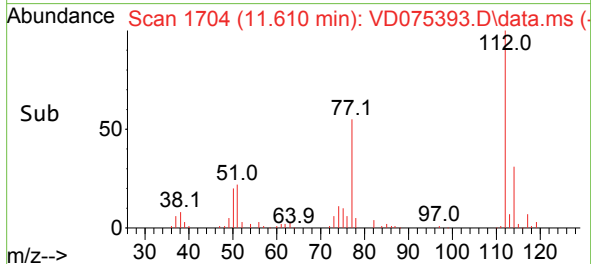
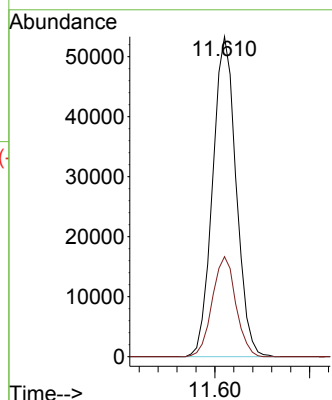
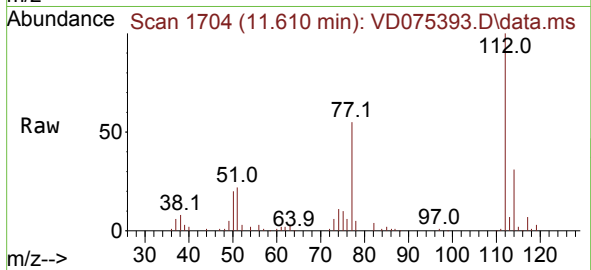
VSTDCCC050EC

Tgt Ion:112 Resp: 91656

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 51.867 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

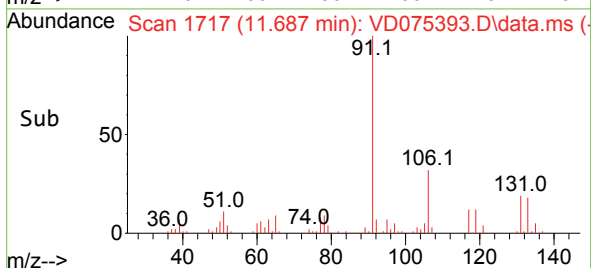
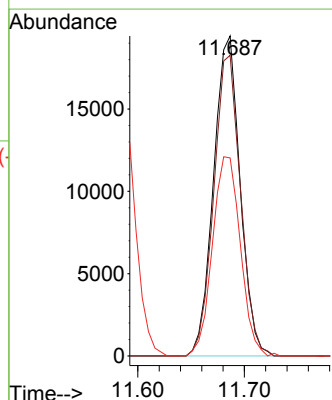
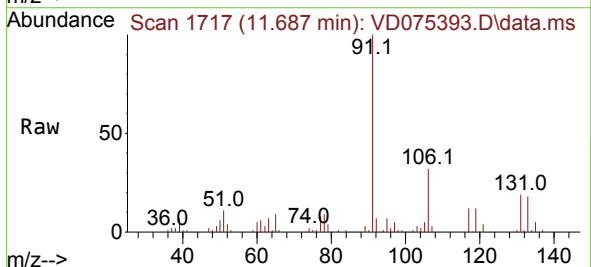
Tgt Ion:131 Resp: 33627

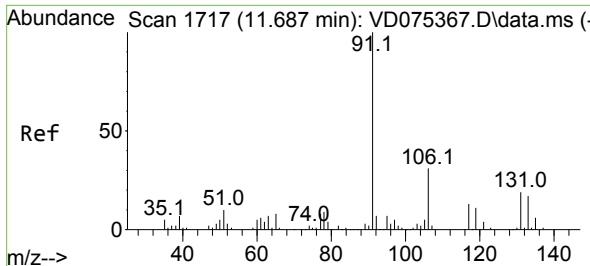
Ion Ratio Lower Upper

131 100

133 94.7 46.7 140.0

119 65.5 31.9 95.9

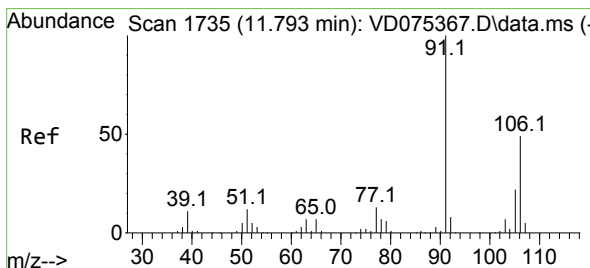
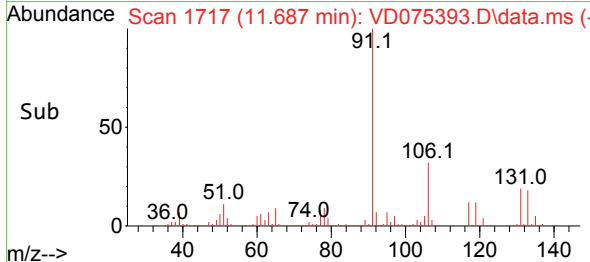
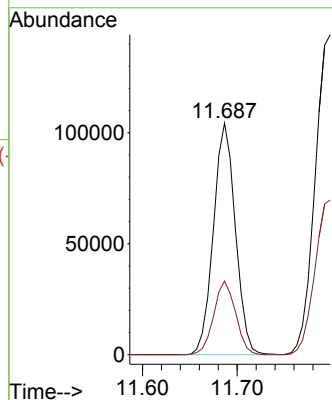
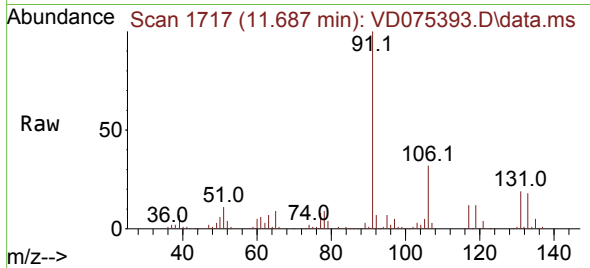




#67
Ethyl Benzene
Concen: 51.817 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

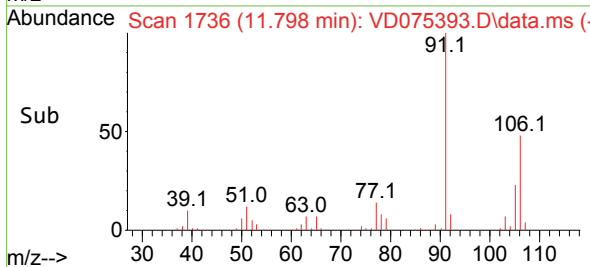
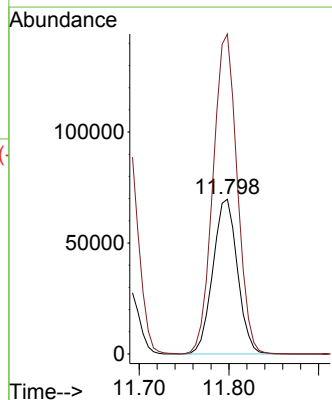
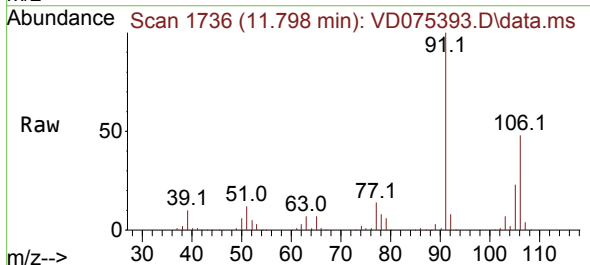
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

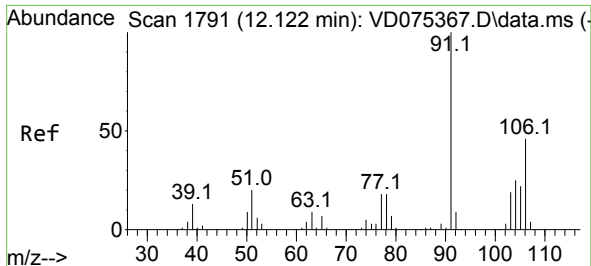
Tgt Ion: 91 Resp: 167776
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 104.299 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.005 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion:106 Resp: 132373
Ion Ratio Lower Upper
106 100
91 203.5 161.5 242.3

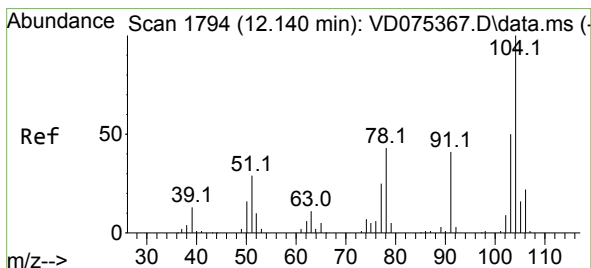
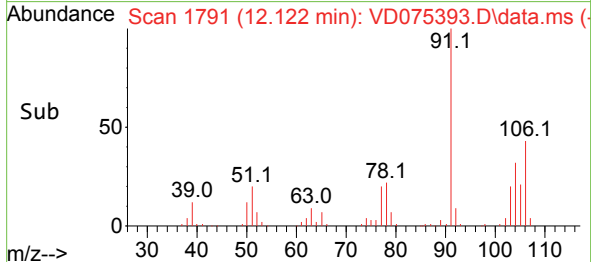
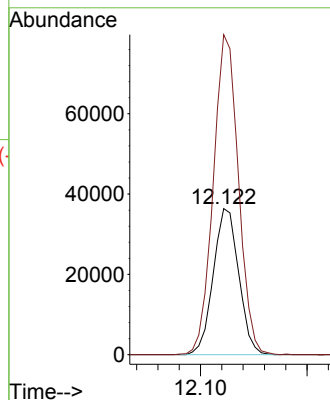
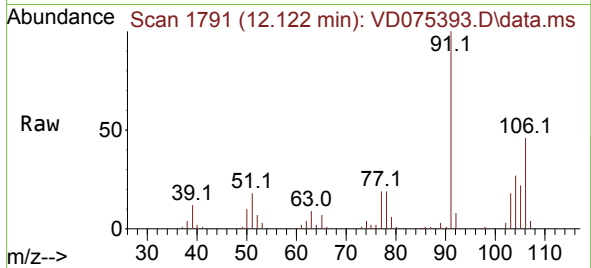




#69
o-Xylene
Concen: 51.904 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

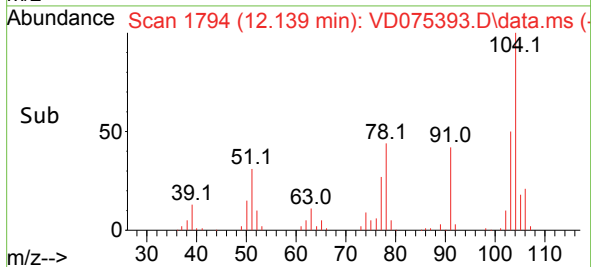
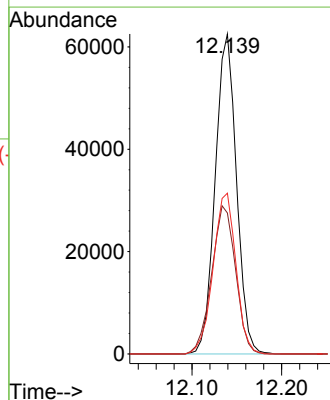
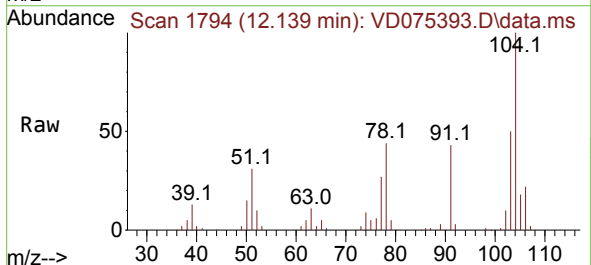
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

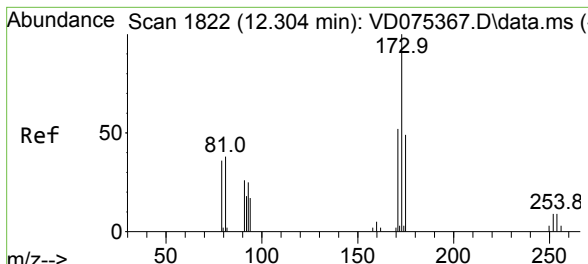
Tgt Ion:106 Resp: 60331
Ion Ratio Lower Upper
106 100
91 216.8 105.7 317.1



#70
Styrene
Concen: 52.934 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion:104 Resp: 102689
Ion Ratio Lower Upper
104 100
78 52.2 40.2 60.4
103 54.1 44.2 66.2

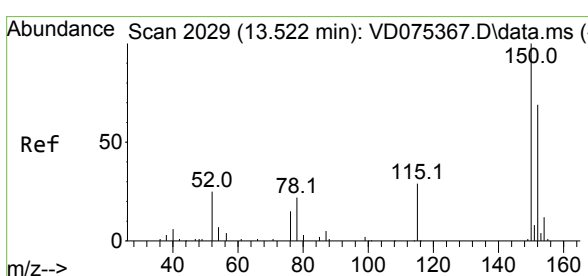
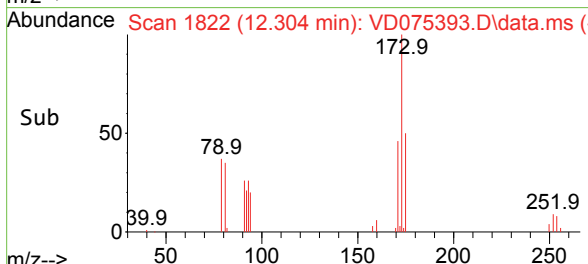
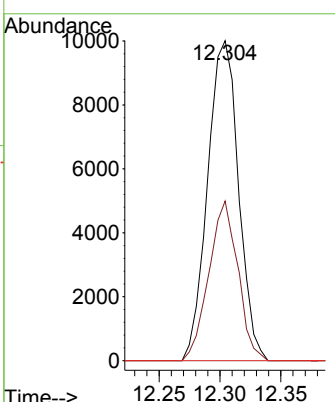
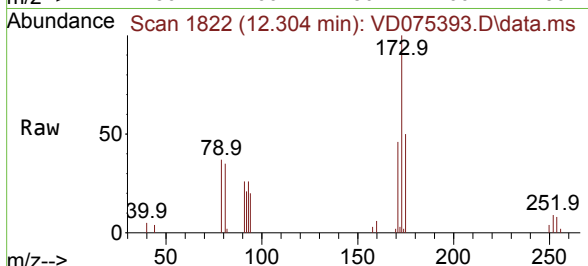




#71
 Bromoform
 Concen: 53.194 ug/l
 RT: 12.304 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

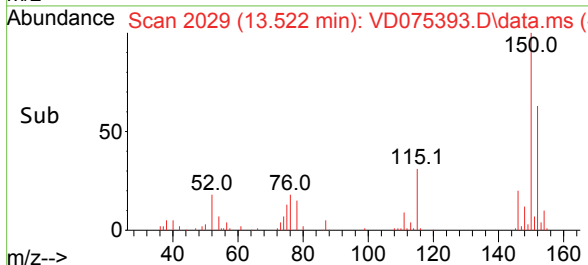
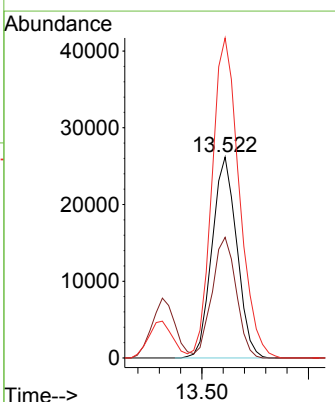
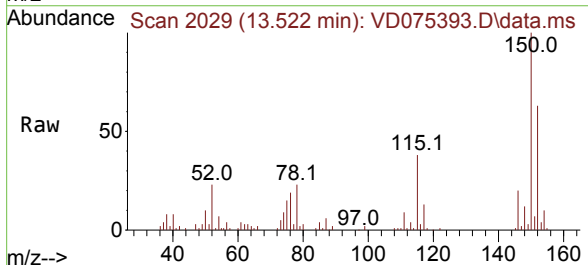
Instrument : MSVOA_D
 ClientSampleId : VSTDCCC050EC

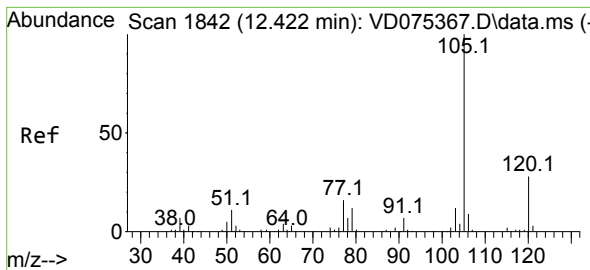
Tgt Ion:	173	Resp:	17674
Ion Ratio	Lower	Upper	
173	100		
175	46.9	23.5	70.5
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

Tgt Ion:	152	Resp:	42194
Ion Ratio	Lower	Upper	
152	100		
115	58.5	30.1	90.3
150	175.5	0.0	364.8





#73

Isopropylbenzene

Concen: 50.681 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

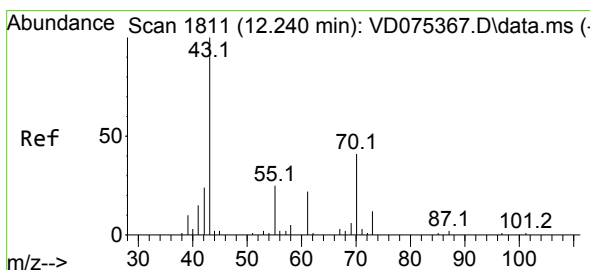
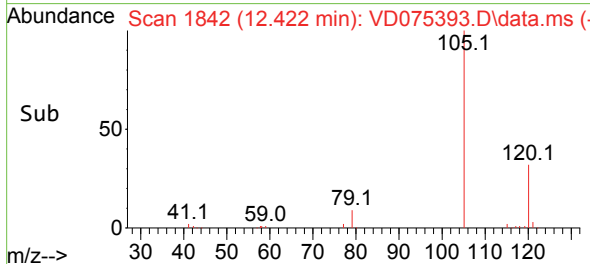
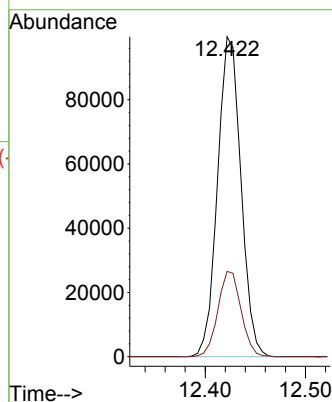
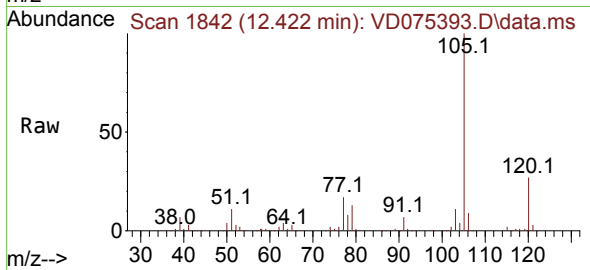
VSTDCCC050EC

Tgt Ion:105 Resp: 161241

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 50.866 ug/l

RT: 12.239 min Scan# 1811

Delta R.T. -0.001 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Tgt Ion: 43 Resp: 34645

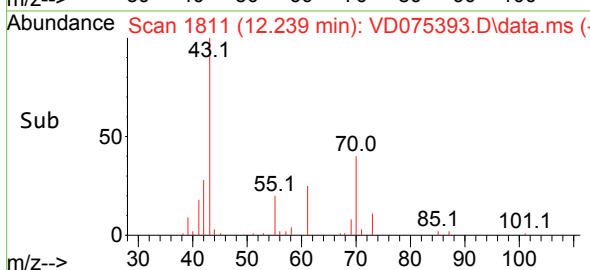
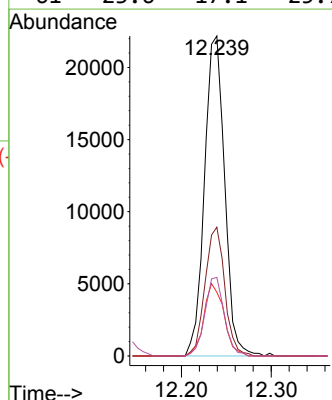
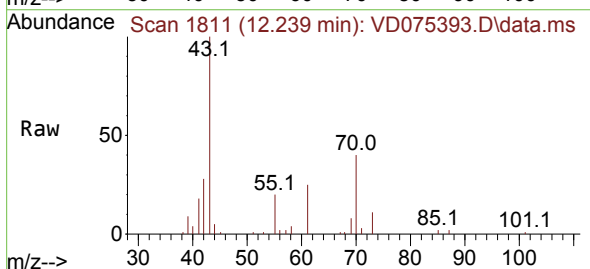
Ion Ratio Lower Upper

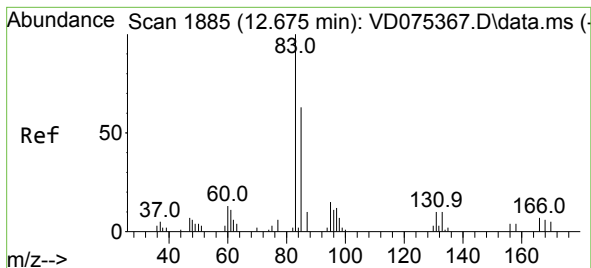
43 100

70 39.4 31.0 46.4

55 22.6 18.6 28.0

61 23.6 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.064 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

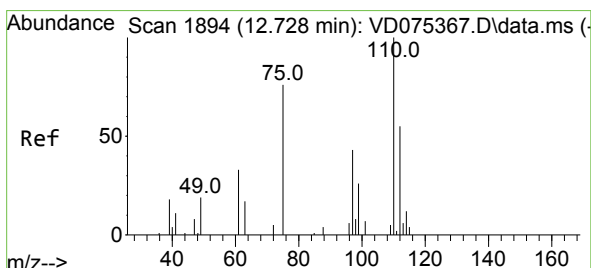
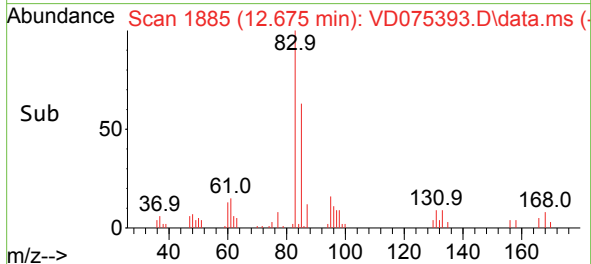
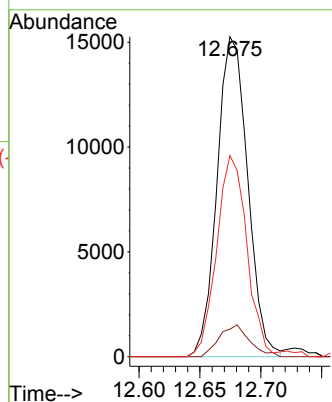
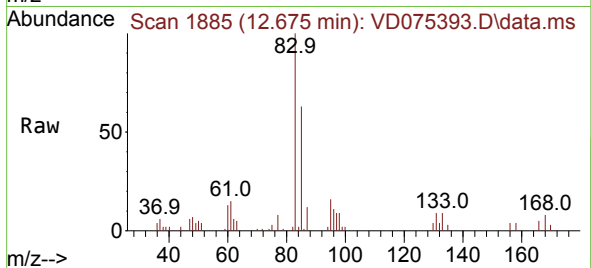
Tgt Ion: 83 Resp: 26692

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 62.2 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 94.775 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD075393.D

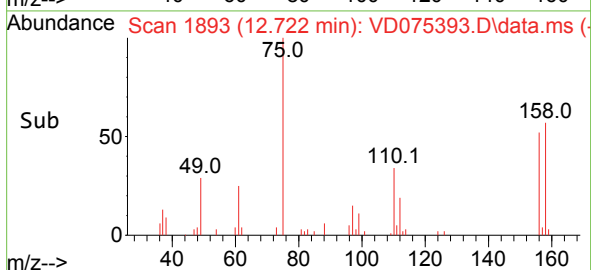
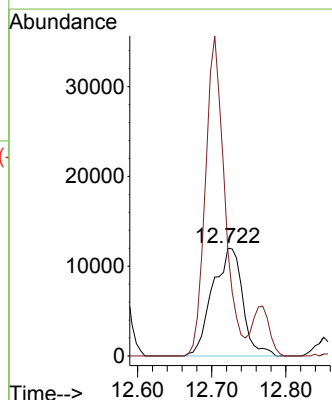
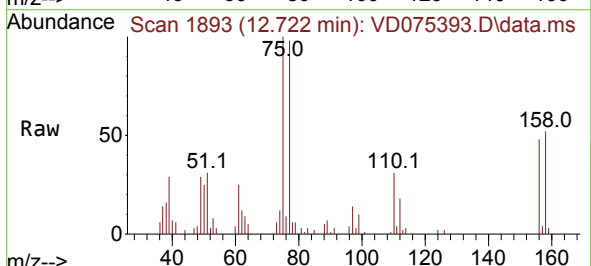
Acq: 21 Feb 2023 20:56

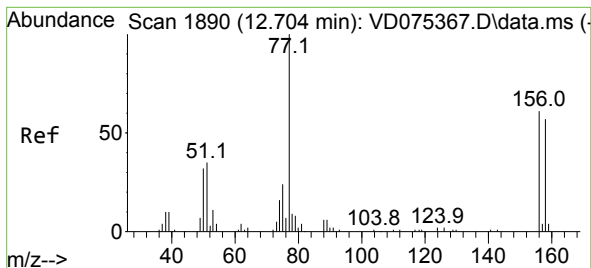
Tgt Ion: 75 Resp: 33849

Ion Ratio Lower Upper

75 100

77 190.0 0.0 0.0#





#77

Bromobenzene

Concen: 50.192 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

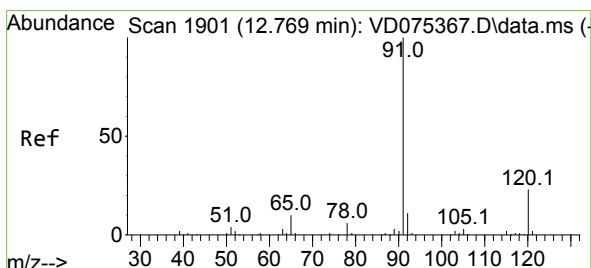
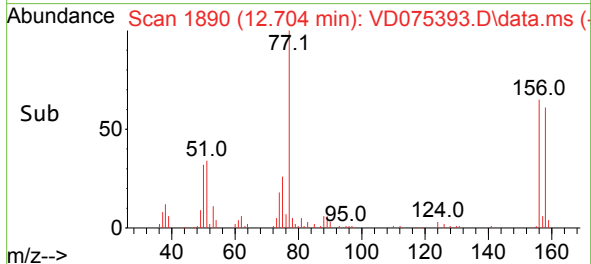
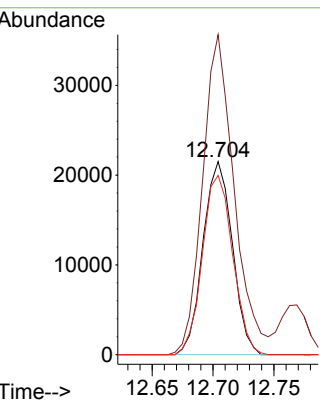
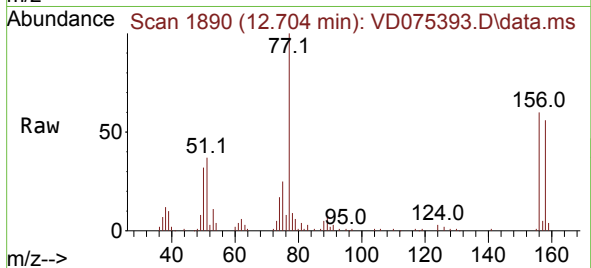
Tgt Ion:156 Resp: 36092

Ion Ratio Lower Upper

156 100

77 178.2 89.5 268.6

158 95.9 47.8 143.4



#78

n-propylbenzene

Concen: 50.922 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VD075393.D

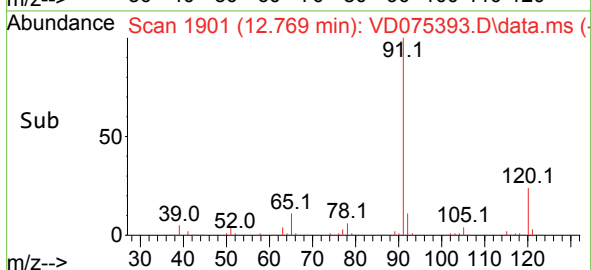
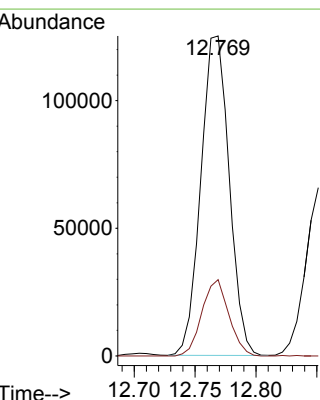
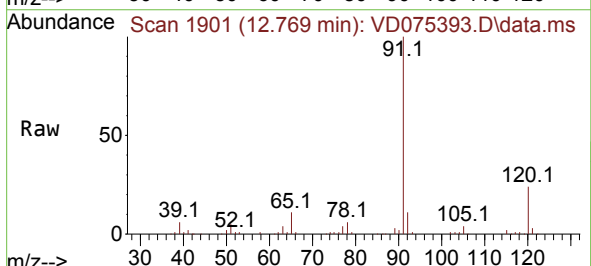
Acq: 21 Feb 2023 20:56

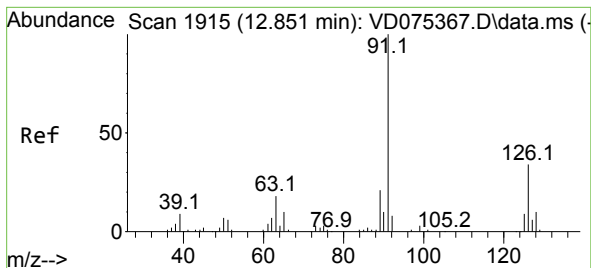
Tgt Ion: 91 Resp: 202709

Ion Ratio Lower Upper

91 100

120 22.6 11.4 34.2





#79

2-Chlorotoluene

Concen: 50.514 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

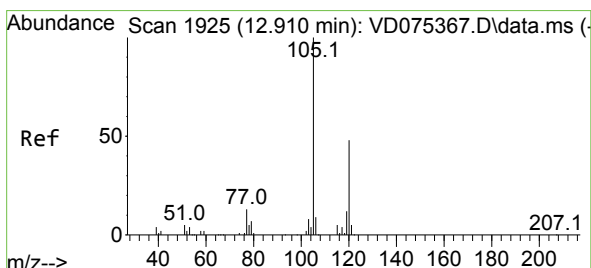
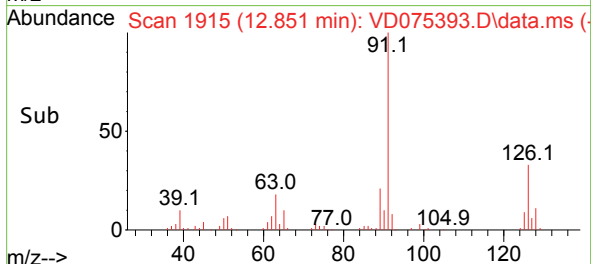
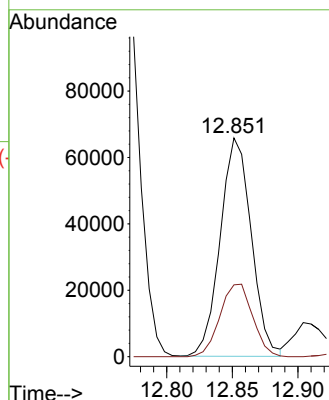
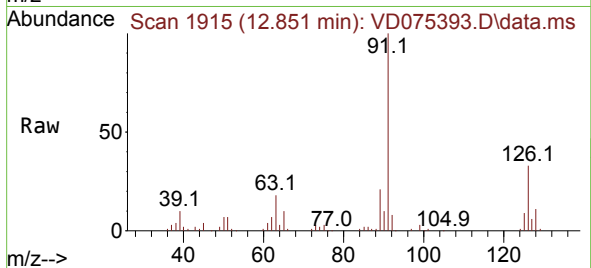
VSTDCCC050EC

Tgt Ion: 91 Resp: 108586

Ion Ratio Lower Upper

91 100

126 34.9 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 52.184 ug/l

RT: 12.910 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VD075393.D

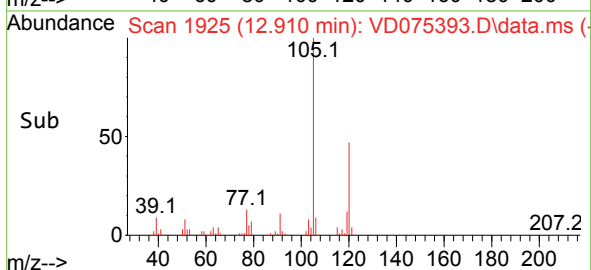
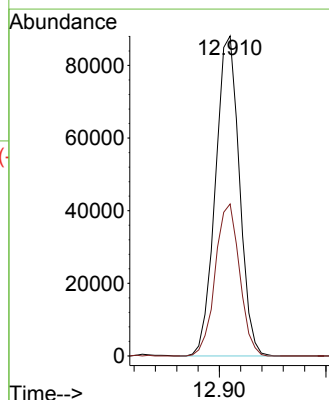
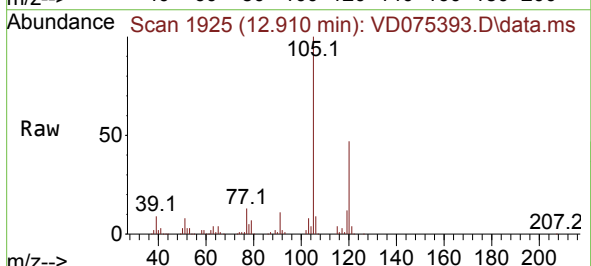
Acq: 21 Feb 2023 20:56

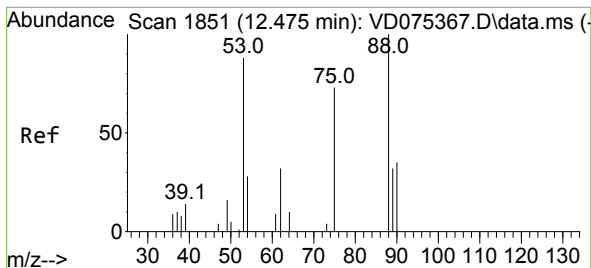
Tgt Ion: 105 Resp: 137398

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8

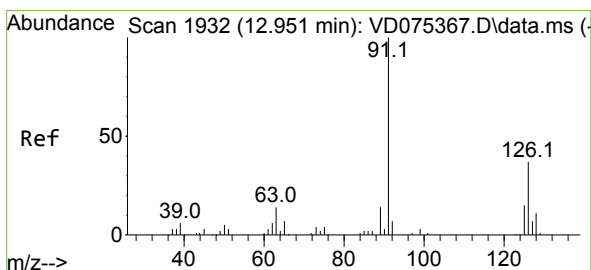
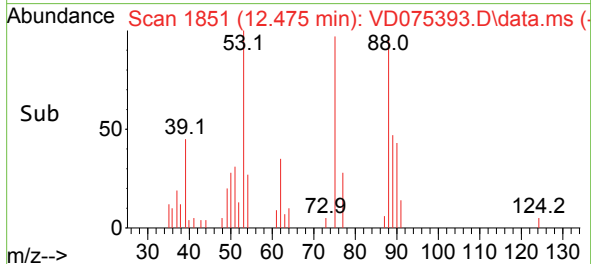
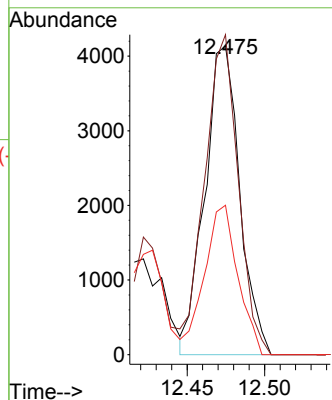
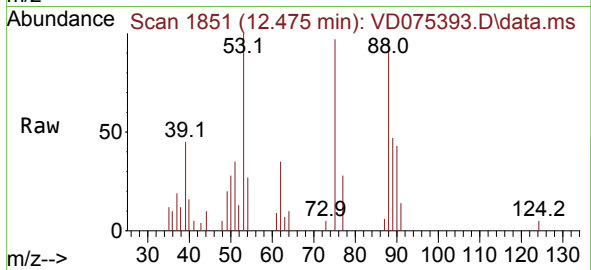




#81
trans-1,4-Dichloro-2-butene
Concen: 49.929 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

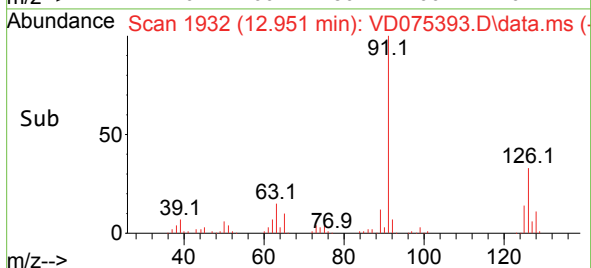
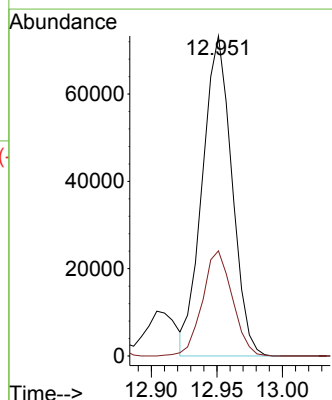
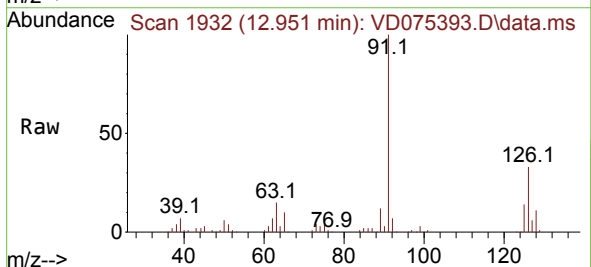
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

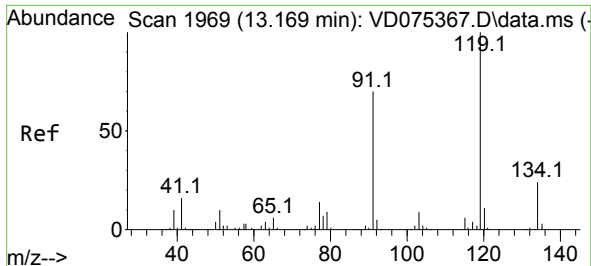
Tgt Ion: 75 Resp: 6463
Ion Ratio Lower Upper
75 100
53 99.4 90.5 135.7
89 46.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 50.648 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 91 Resp: 114864
Ion Ratio Lower Upper
91 100
126 33.3 17.1 51.2

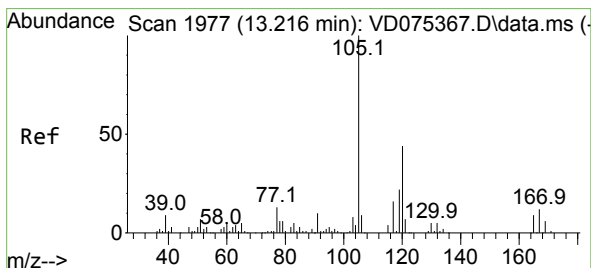
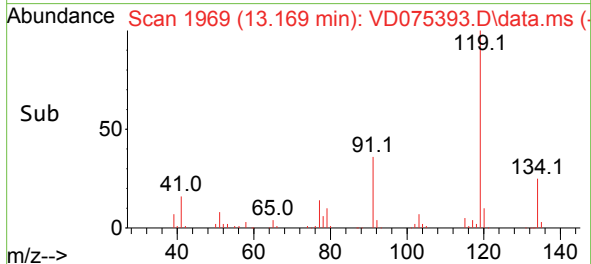
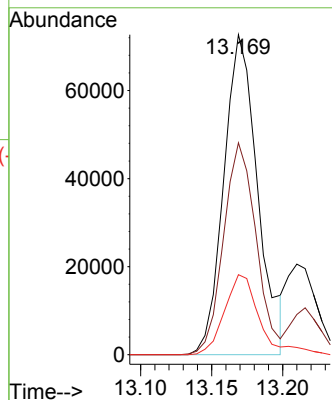
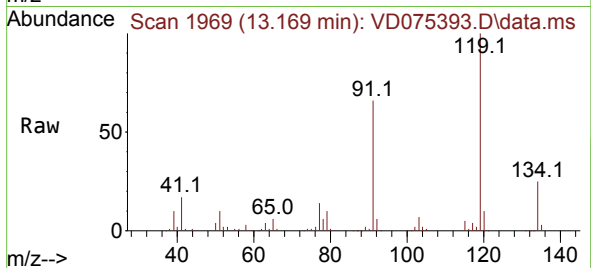




#83
tert-Butylbenzene
Concen: 52.911 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

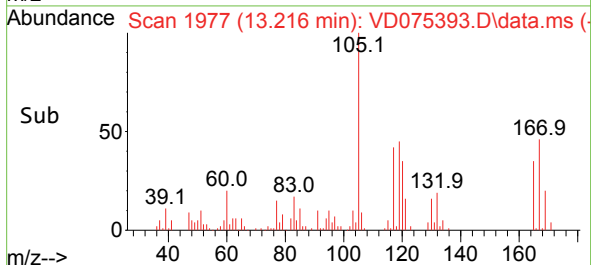
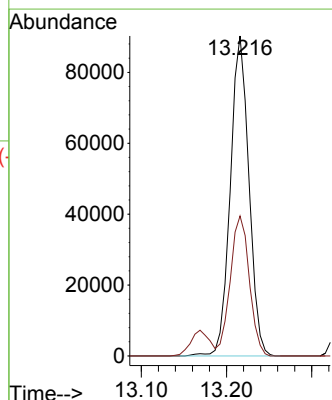
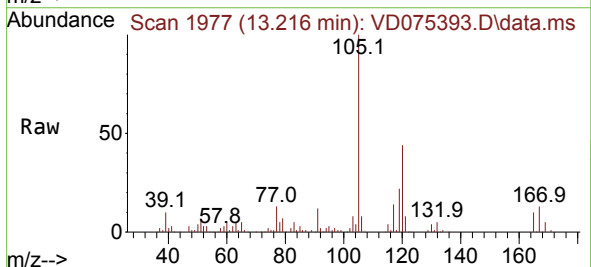
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

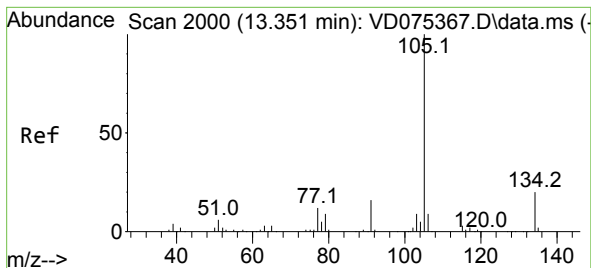
Tgt Ion:119 Resp: 120766
Ion Ratio Lower Upper
119 100
91 63.7 32.4 97.0
134 25.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 52.581 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion:105 Resp: 136739
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.833 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

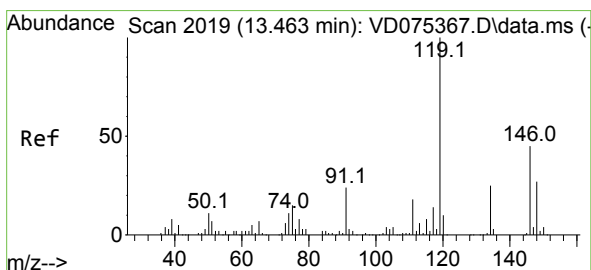
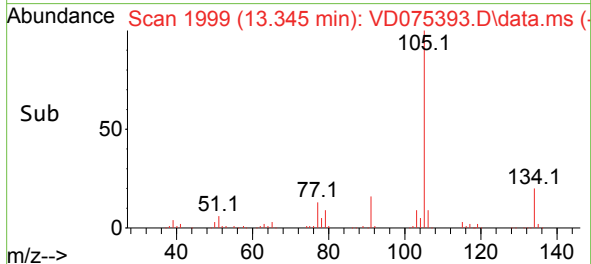
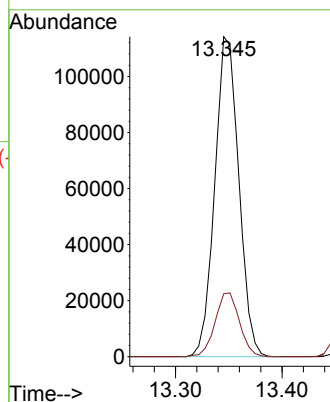
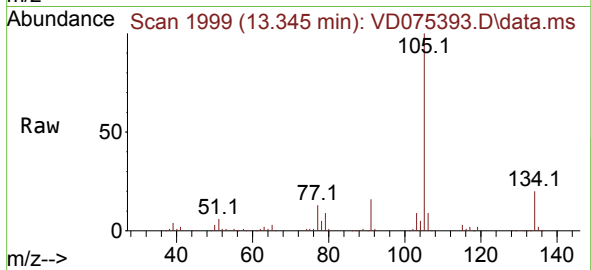
VSTDCCC050EC

Tgt Ion:105 Resp: 178742

Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 51.544 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

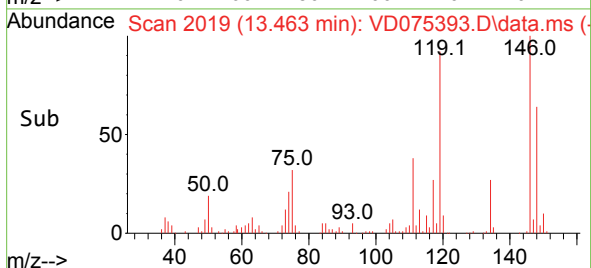
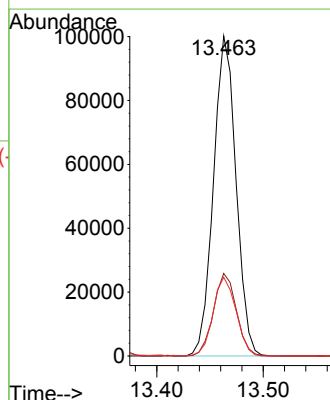
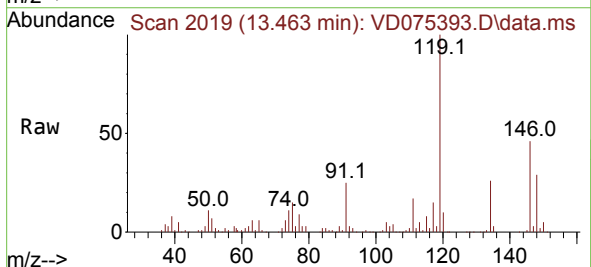
Tgt Ion:119 Resp: 147240

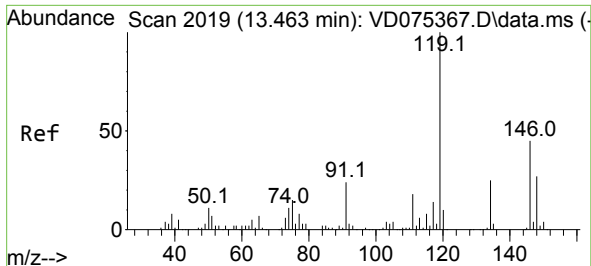
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 25.0 12.4 37.4

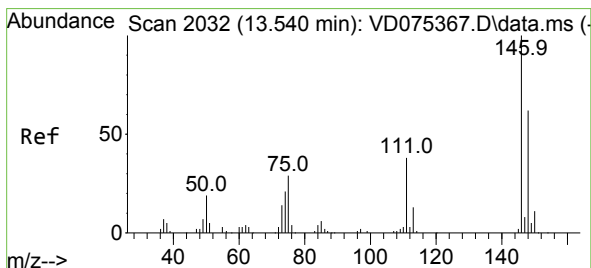
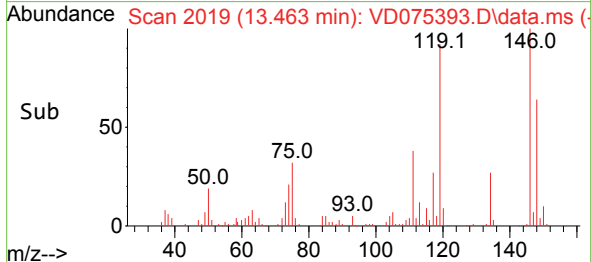
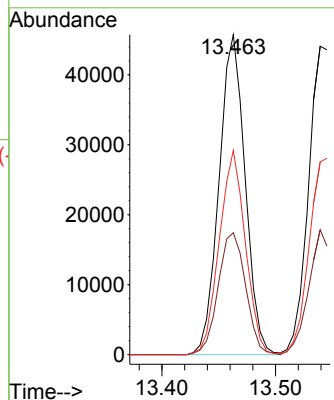
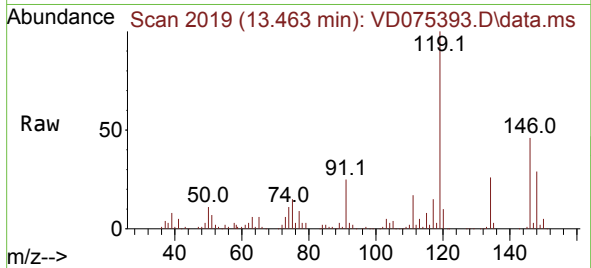




#87
 1,3-Dichlorobenzene
 Concen: 49.259 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

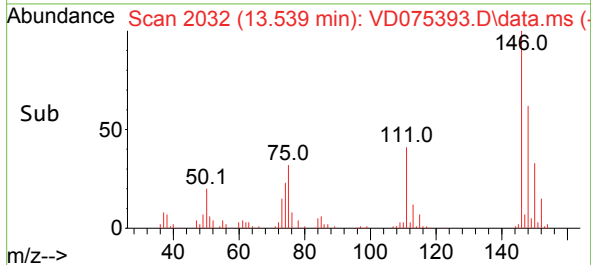
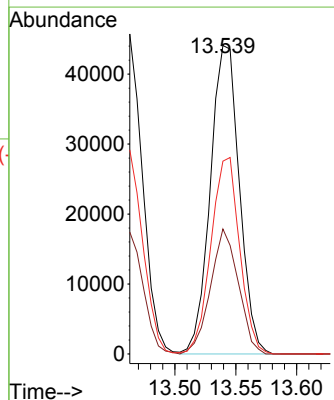
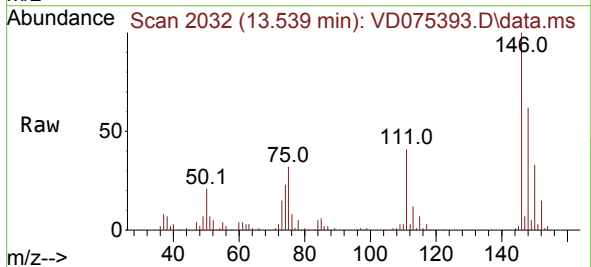
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

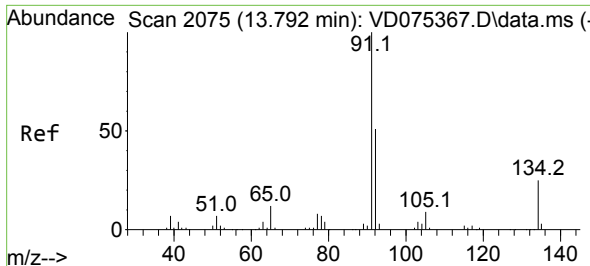
Tgt Ion:146 Resp: 72956
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.8 59.3
 148 63.8 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 50.390 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.001 min
 Lab File: VD075393.D
 Acq: 21 Feb 2023 20:56

Tgt Ion:146 Resp: 73219
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 63.1 31.7 95.1

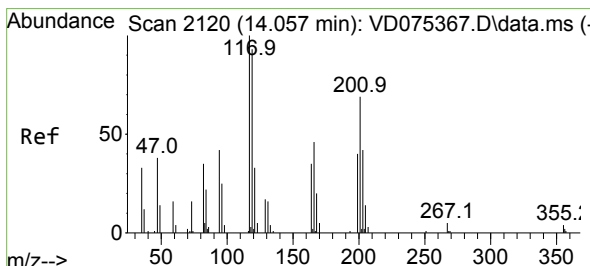
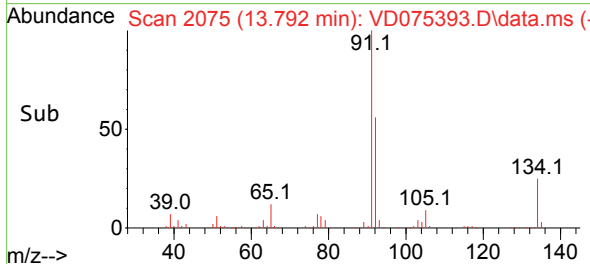
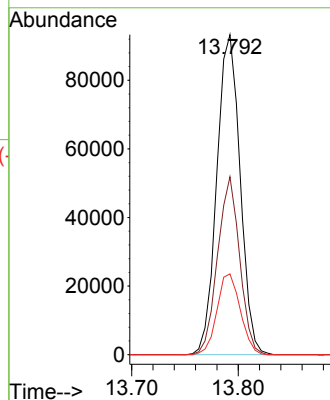
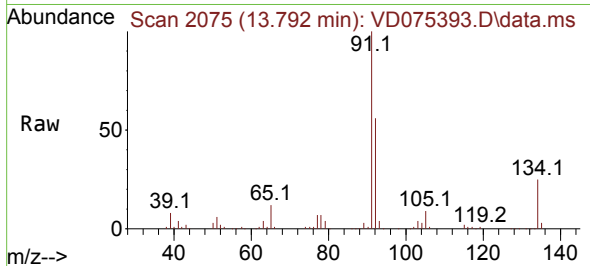




#89
n-Butylbenzene
Concen: 50.423 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

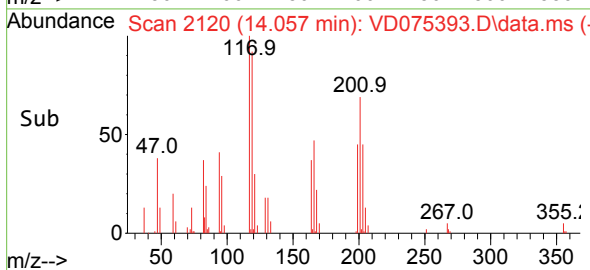
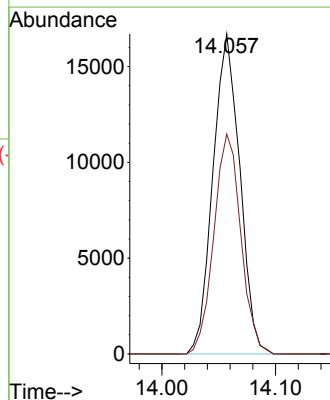
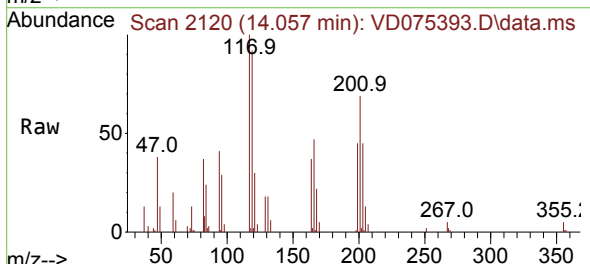
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

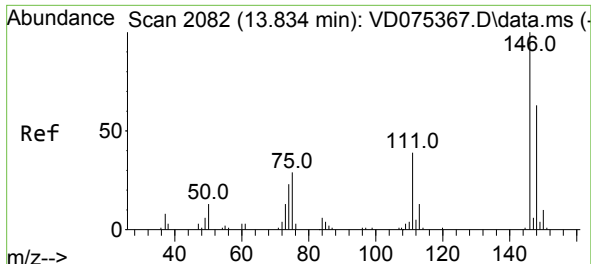
Tgt Ion: 91 Resp: 141697
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 25.3 12.7 38.0



#90
Hexachloroethane
Concen: 47.874 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 117 Resp: 27434
Ion Ratio Lower Upper
117 100
201 69.1 34.5 103.6

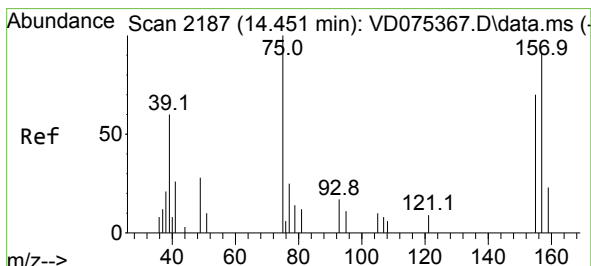
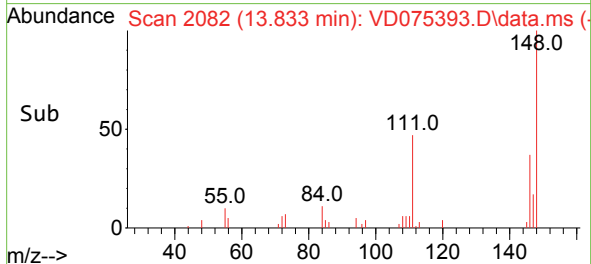
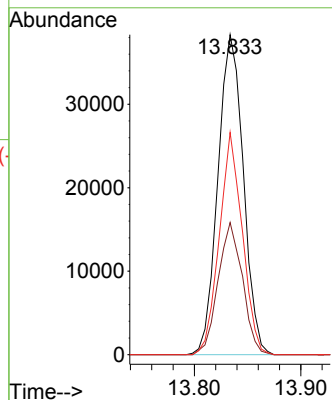
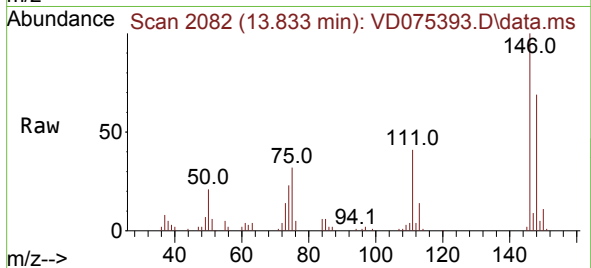




#91
1,2-Dichlorobenzene
Concen: 51.090 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

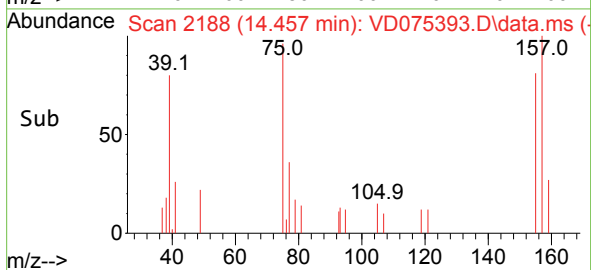
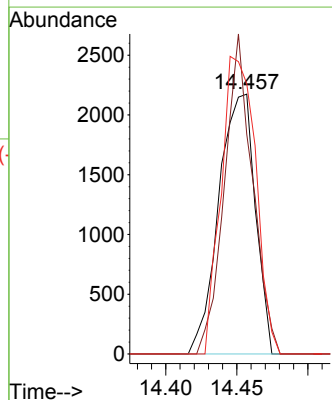
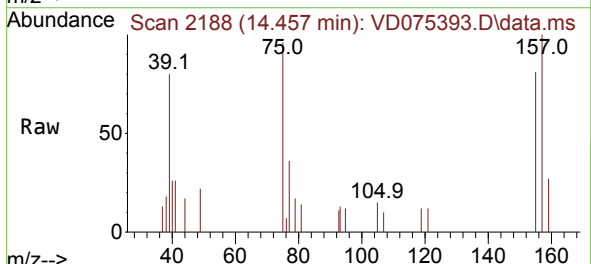
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

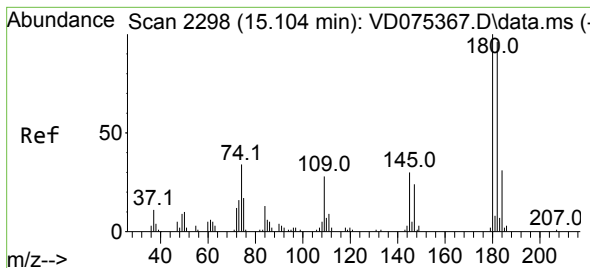
Tgt Ion:146 Resp: 63445
Ion Ratio Lower Upper
146 100
111 39.6 20.6 61.8
148 62.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.631 ug/l
RT: 14.457 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

Tgt Ion: 75 Resp: 3876
Ion Ratio Lower Upper
75 100
155 95.1 39.5 118.5
157 108.8 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 50.203 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

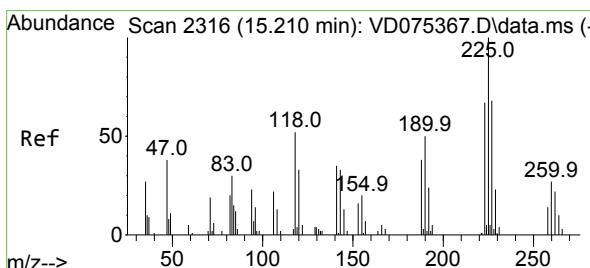
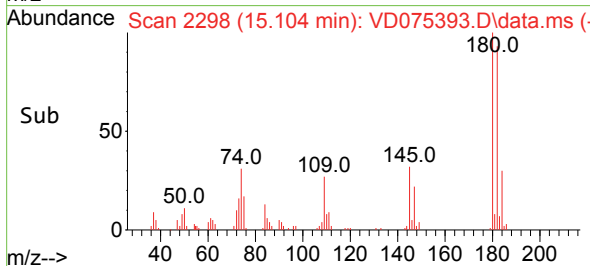
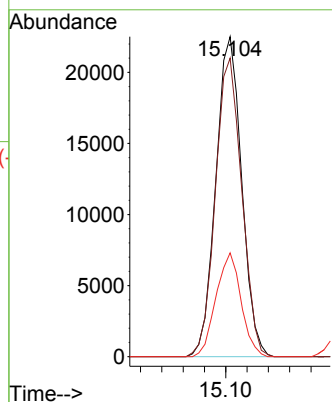
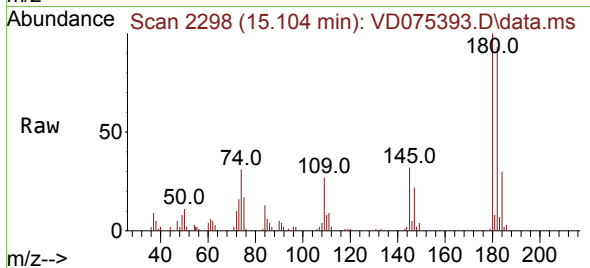
Tgt Ion:180 Resp: 37908

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 31.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 47.419 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. -0.000 min

Lab File: VD075393.D

Acq: 21 Feb 2023 20:56

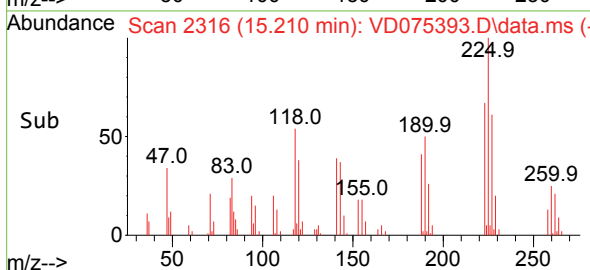
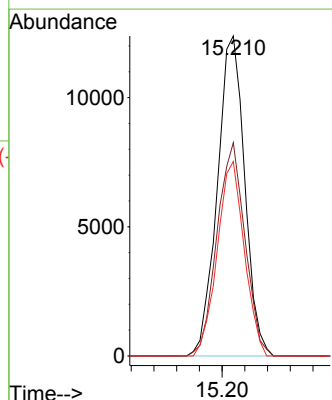
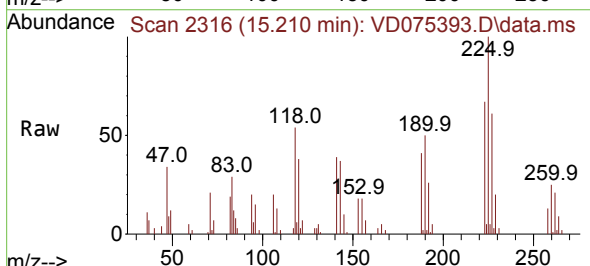
Tgt Ion:225 Resp: 20725

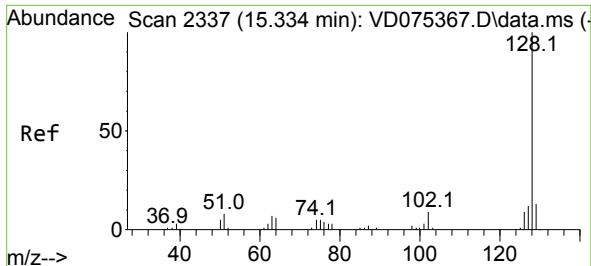
Ion Ratio Lower Upper

225 100

223 68.2 33.1 99.2

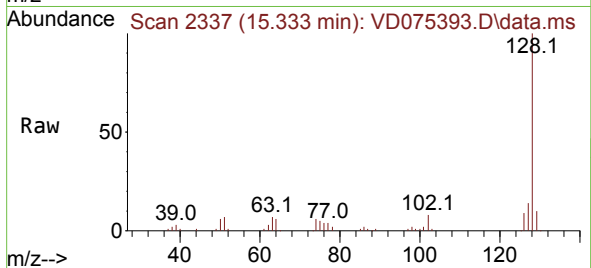
227 60.1 31.9 95.9



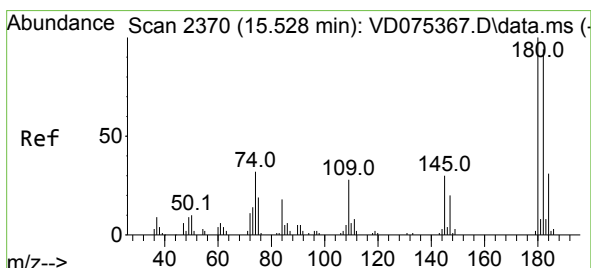
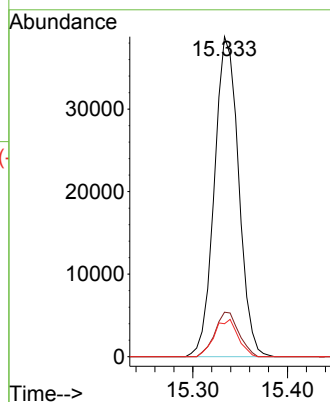
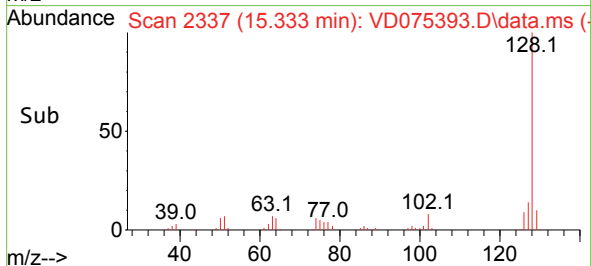


#95
Naphthalene
Concen: 51.553 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56

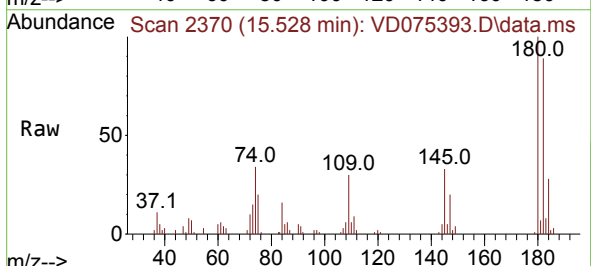
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 68869
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.281 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.001 min
Lab File: VD075393.D
Acq: 21 Feb 2023 20:56



Tgt Ion:180 Resp: 32741
Ion Ratio Lower Upper
180 100
182 93.0 47.7 143.1
145 32.1 16.4 49.4

