

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
 Data File : VD075227.D
 Acq On : 27 Jan 2023 16:23
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 30 01:04:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	63039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	107556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	96645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34906	54.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.520%	
35) Dibromofluoromethane	7.799	113	34759	53.481	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.960%	
50) Toluene-d8	10.269	98	137096	53.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	12.575	95	43211	53.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	25237	51.515	ug/l	97
3) Chloromethane	2.146	50	41265	50.674	ug/l	96
4) Vinyl Chloride	2.281	62	43575	49.869	ug/l	99
5) Bromomethane	2.693	94	30073	50.607	ug/l	99
6) Chloroethane	2.834	64	31552	52.078	ug/l	100
7) Trichlorofluoromethane	3.175	101	61651	55.509	ug/l	99
8) Diethyl Ether	3.599	74	19542	54.608	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	38891	56.722	ug/l	97
10) Methyl Iodide	4.164	142	44740	48.474	ug/l	97
11) Tert butyl alcohol	5.046	59	10570	235.538	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	38682	53.590	ug/l	92
13) Acrolein	3.799	56	6615	169.562	ug/l	96
14) Allyl chloride	4.558	41	64017	54.648	ug/l	96
15) Acrylonitrile	5.258	53	45840	302.938	ug/l	99
16) Acetone	4.022	43	52969	312.210	ug/l	93
17) Carbon Disulfide	4.269	76	119272	50.946	ug/l	99
18) Methyl Acetate	4.564	43	26750	58.006	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	87761	58.204	ug/l	99
20) Methylene Chloride	4.799	84	47036	53.825	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	43743	54.437	ug/l	92
22) Diisopropyl ether	6.216	45	125993	57.786	ug/l	97
23) Vinyl Acetate	6.158	43	312354	325.048	ug/l	98
24) 1,1-Dichloroethane	6.116	63	78151	57.037	ug/l	97
25) 2-Butanone	7.081	43	61188	298.403	ug/l	100
26) 2,2-Dichloropropane	7.075	77	63602	52.072	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	49056	56.005	ug/l	98
28) Bromochloromethane	7.422	49	19791	52.903	ug/l	90
29) Tetrahydrofuran	7.446	42	35441	303.036	ug/l	98
30) Chloroform	7.599	83	77965	57.060	ug/l	98
31) Cyclohexane	7.875	56	65849	51.041	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	66473	56.469	ug/l	98
36) 1,1-Dichloropropene	8.010	75	58593	56.111	ug/l	100
37) Ethyl Acetate	7.163	43	26646	63.338	ug/l #	97
38) Carbon Tetrachloride	7.987	117	54920	62.465	ug/l	97
39) Methylcyclohexane	9.275	83	70279	54.613	ug/l	99
40) Benzene	8.252	78	170416	57.226	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	14388	56.837	ug/l	93
42) 1,2-Dichloroethane	8.328	62	47608	60.861	ug/l	100
43) Isopropyl Acetate	8.357	43	49295	60.213	ug/l	99
44) Trichloroethene	9.028	130	45207	53.984	ug/l	98
45) 1,2-Dichloropropane	9.304	63	42939	58.535	ug/l	96
46) Dibromomethane	9.393	93	23398	60.481	ug/l	95
47) Bromodichloromethane	9.587	83	57952	60.380	ug/l	95
48) Methyl methacrylate	9.381	41	23501	58.703	ug/l	96
49) 1,4-Dioxane	9.387	88	4708	1274.740	ug/l	87
51) 4-Methyl-2-Pentanone	10.157	43	125634	319.566	ug/l	97
52) Toluene	10.334	92	108156	57.472	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	54795	60.344	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	66094	59.578	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	31633	61.786	ug/l	94
56) Ethyl methacrylate	10.599	69	37284	60.555	ug/l	96
57) 1,3-Dichloropropane	10.881	76	54197	61.604	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	61511	291.961	ug/l	97
59) 2-Hexanone	10.922	43	91702	322.596	ug/l	98
60) Dibromochloromethane	11.075	129	37174	60.240	ug/l	99
61) 1,2-Dibromoethane	11.181	107	29579	60.468	ug/l	97
64) Tetrachloroethene	10.816	164	36691	53.164	ug/l	94
65) Chlorobenzene	11.610	112	112427	56.771	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	39432	59.197	ug/l	95
67) Ethyl Benzene	11.687	91	205577	57.670	ug/l	96
68) m/p-Xylenes	11.793	106	161140	117.017	ug/l	98
69) o-Xylene	12.122	106	73041	56.546	ug/l	93
70) Styrene	12.140	104	128006	59.612	ug/l	99
71) Bromoform	12.298	173	21307	61.947	ug/l #	99
73) Isopropylbenzene	12.422	105	199521	53.793	ug/l	98
74) N-amyl acetate	12.240	43	44154	54.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	33330	56.401	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	42663	107.279	ug/l #	100
77) Bromobenzene	12.704	156	43743	51.633	ug/l	93
78) n-propylbenzene	12.763	91	245984	53.970	ug/l	98
79) 2-Chlorotoluene	12.851	91	133344	53.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	164618	54.172	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	10067	58.718	ug/l	92
82) 4-Chlorotoluene	12.951	91	139892	54.279	ug/l	100
83) tert-Butylbenzene	13.169	119	139476	53.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	163703	54.855	ug/l	100
85) sec-Butylbenzene	13.351	105	216438	54.188	ug/l	98
86) p-Isopropyltoluene	13.463	119	179403	54.862	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	88857	54.108	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	88215	54.598	ug/l	99
89) n-Butylbenzene	13.792	91	172412	54.107	ug/l	99
90) Hexachloroethane	14.057	117	32324	55.976	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	77872	55.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5395	59.708	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	48584	52.660	ug/l	98
94) Hexachlorobutadiene	15.204	225	23151	51.202	ug/l	98
95) Naphthalene	15.334	128	95049	51.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	42541	54.039	ug/l	97

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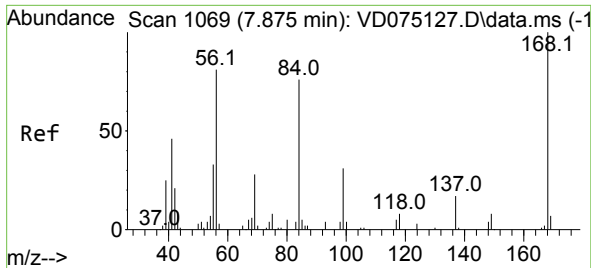
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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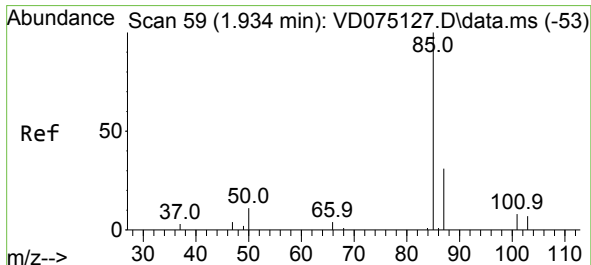
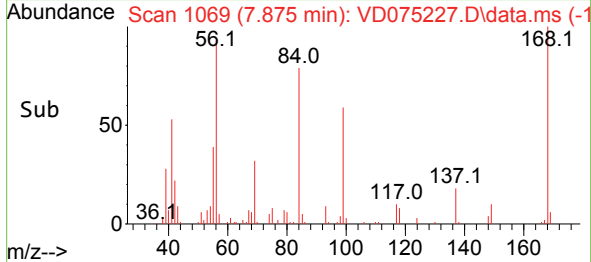
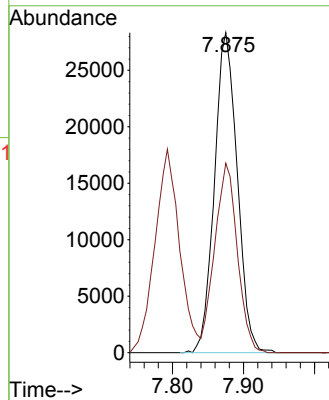
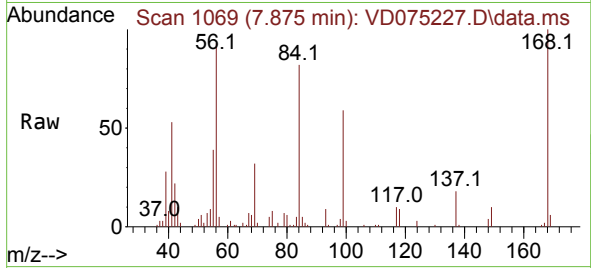




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

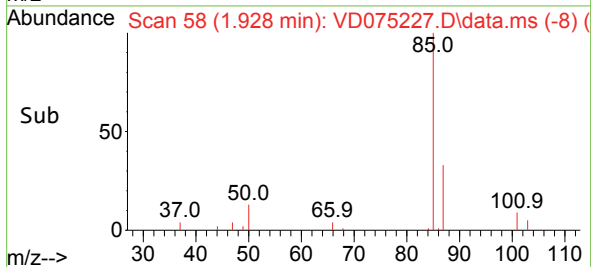
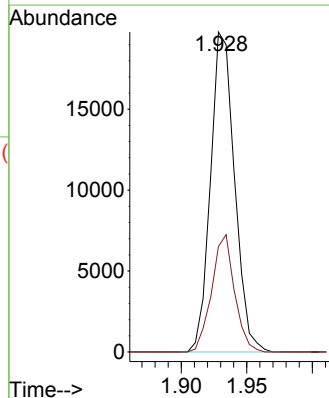
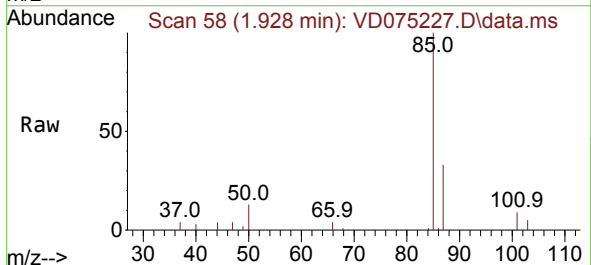
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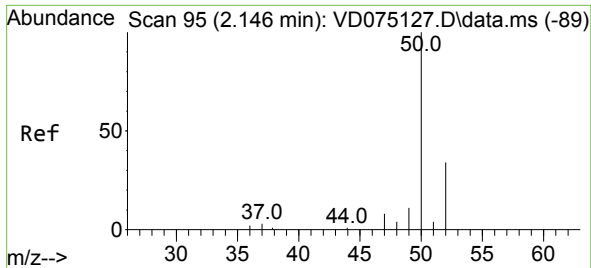
Tgt Ion:168 Resp: 63039
Ion Ratio Lower Upper
168 100
99 59.2 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 51.515 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 85 Resp: 25237
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

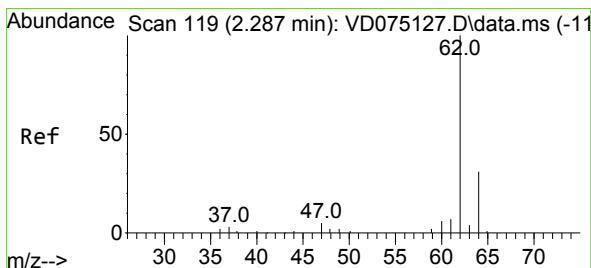
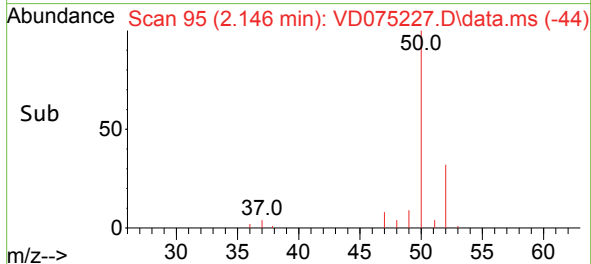
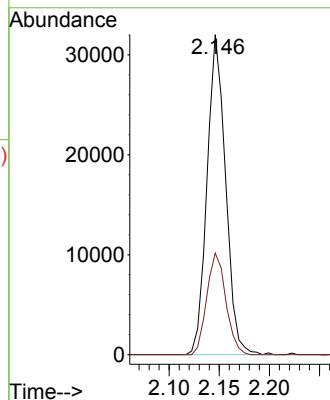
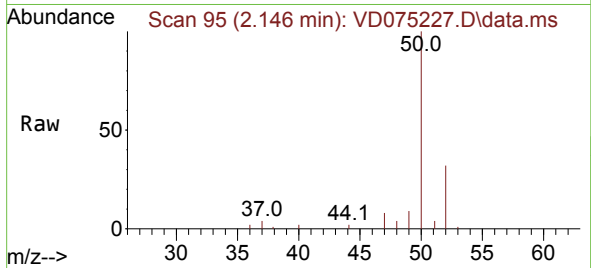




#3
Chloromethane
Concen: 50.674 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

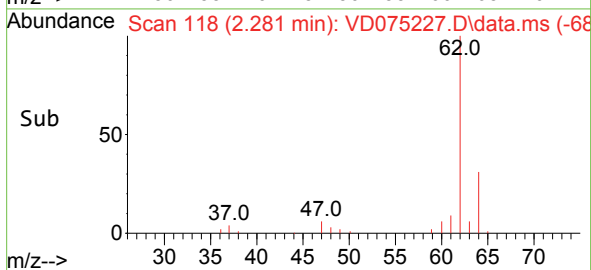
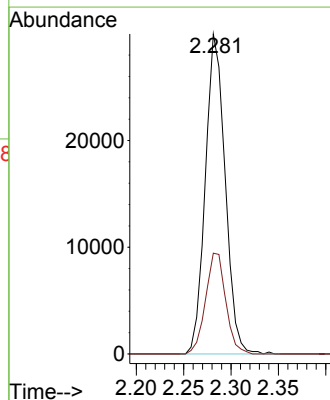
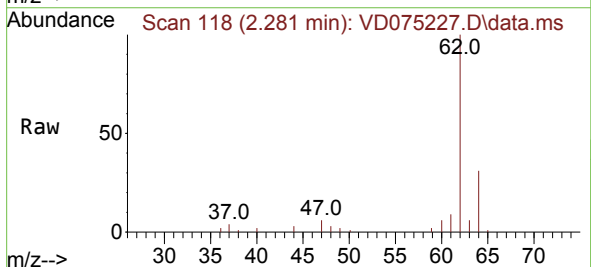
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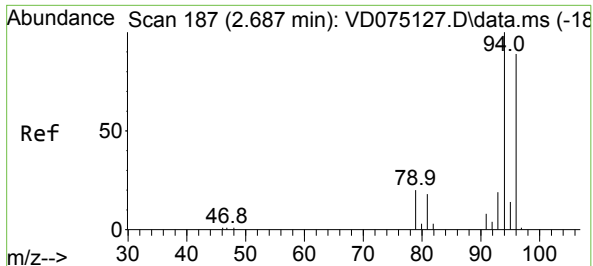
Tgt Ion: 50 Resp: 41265
Ion Ratio Lower Upper
50 100
52 31.7 27.0 40.6



#4
Vinyl Chloride
Concen: 49.869 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 62 Resp: 43575
Ion Ratio Lower Upper
62 100
64 31.5 24.8 37.2

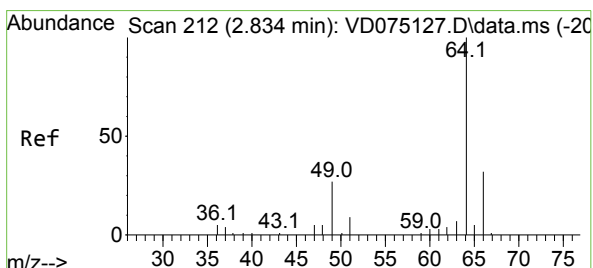
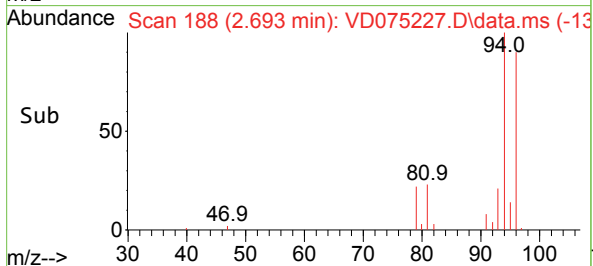
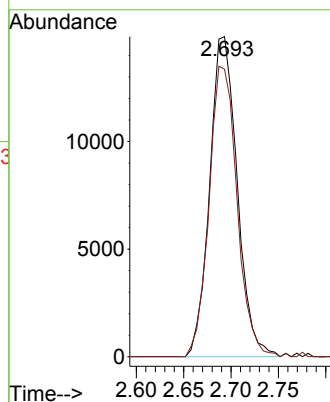
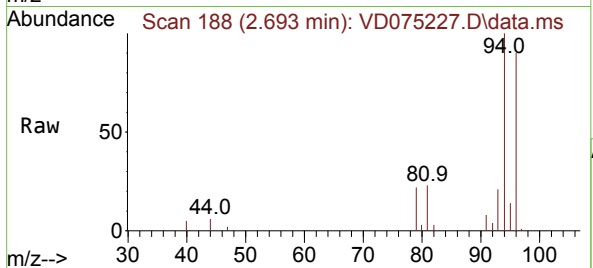




#5
Bromomethane
Concen: 50.607 ug/l
RT: 2.693 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

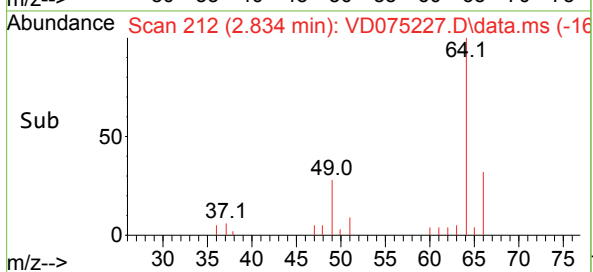
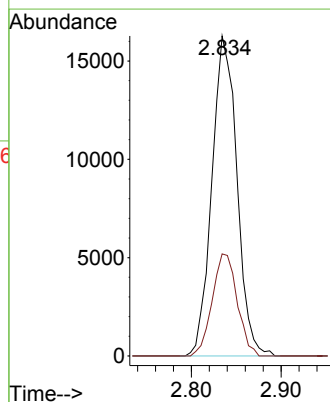
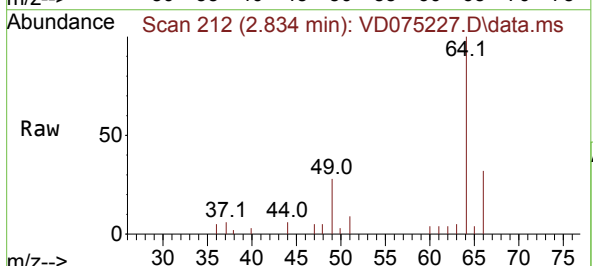
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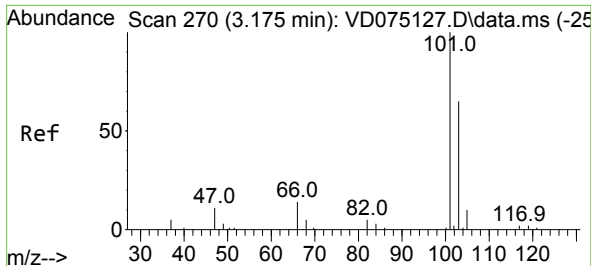
Tgt Ion: 94 Resp: 30073
Ion Ratio Lower Upper
94 100
96 92.2 74.8 112.2



#6
Chloroethane
Concen: 52.078 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 64 Resp: 31552
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

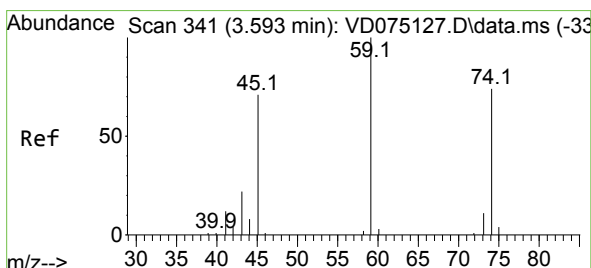
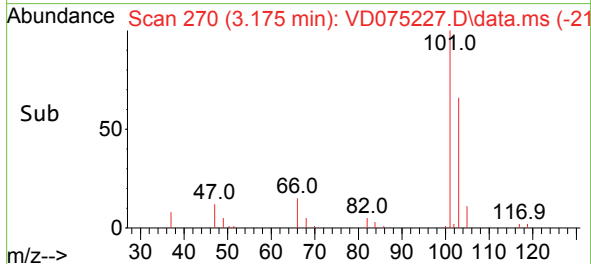
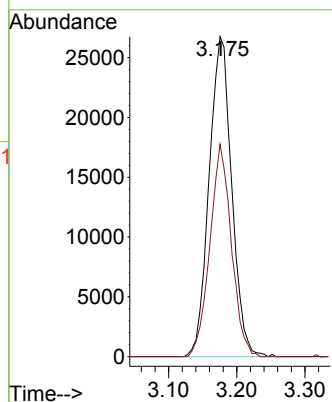
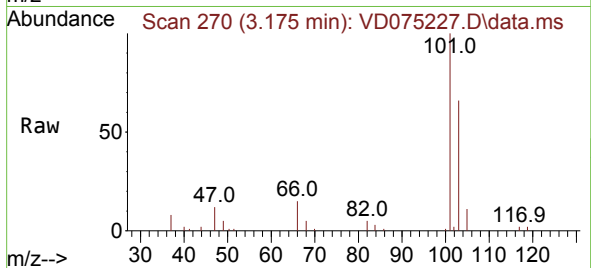




#7
Trichlorofluoromethane
Concen: 55.509 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

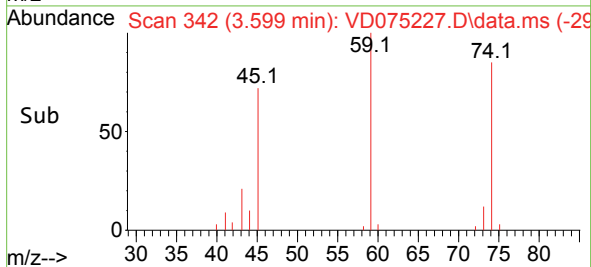
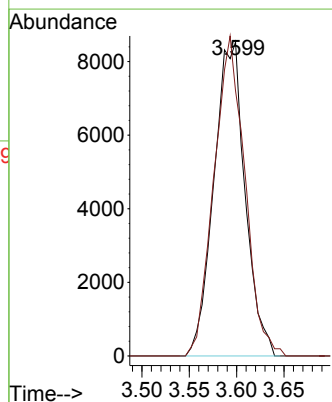
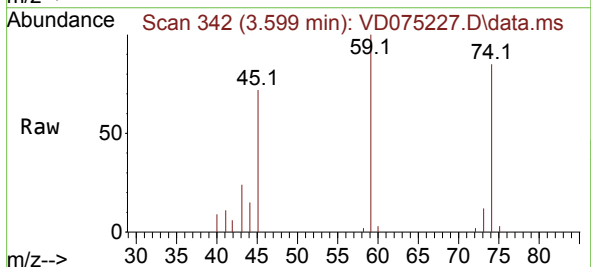
Instrument :
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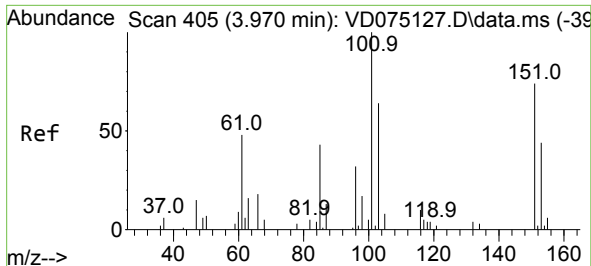
Tgt Ion:101 Resp: 61651
Ion Ratio Lower Upper
101 100
103 66.4 52.2 78.4



#8
Diethyl Ether
Concen: 54.608 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 74 Resp: 19542
Ion Ratio Lower Upper
74 100
45 100.9 49.8 149.3

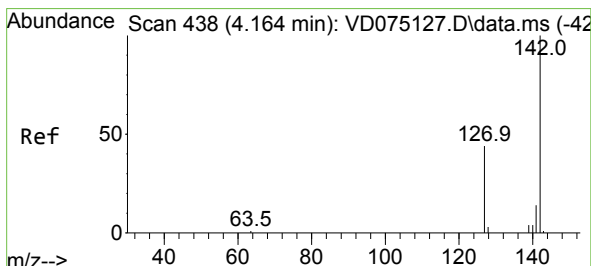
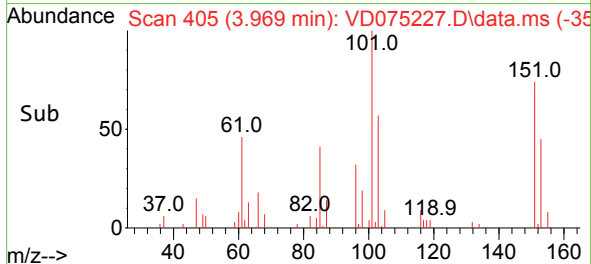
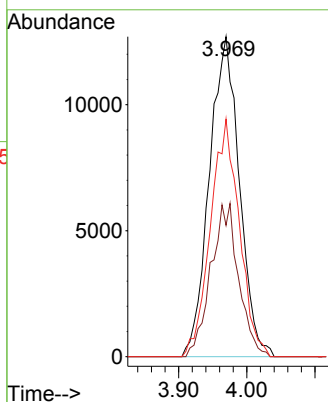
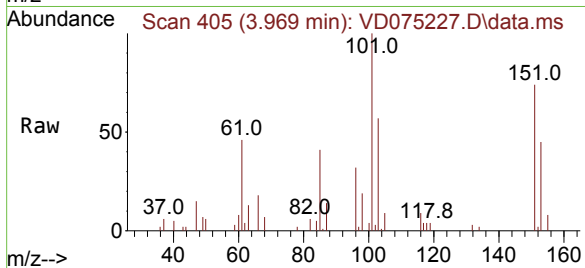




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.722 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

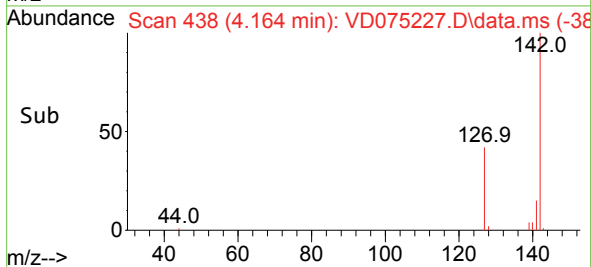
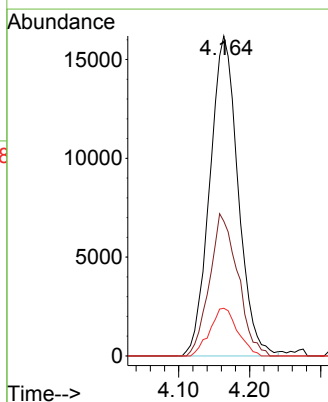
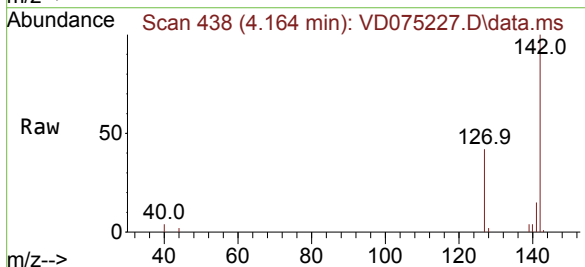
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

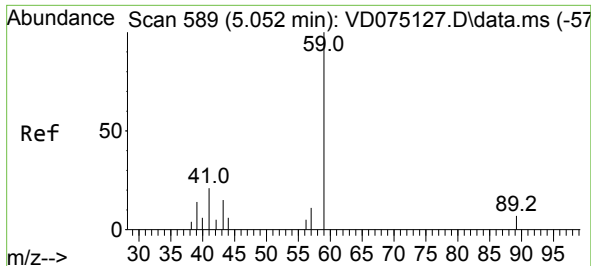
Tgt Ion:101 Resp: 38891
Ion Ratio Lower Upper
101 100
85 44.2 36.9 55.3
151 71.6 58.9 88.3



#10
Methyl Iodide
Concen: 48.474 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion:142 Resp: 44740
Ion Ratio Lower Upper
142 100
127 44.5 33.6 50.4
141 14.6 11.1 16.7

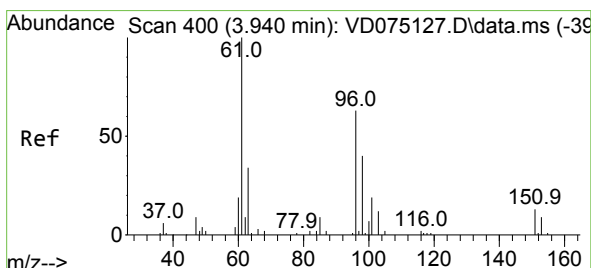
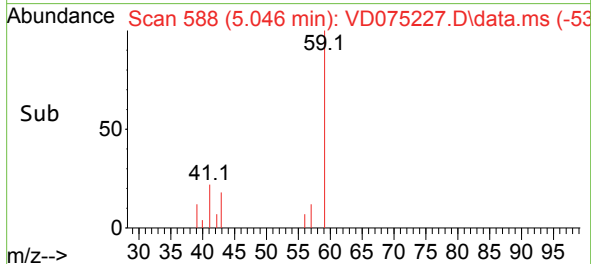
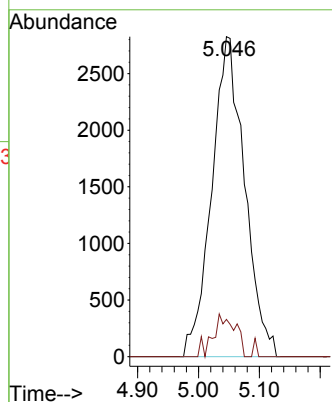
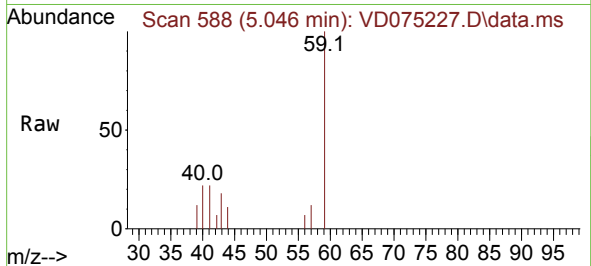




#11
Tert butyl alcohol
Concen: 235.538 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

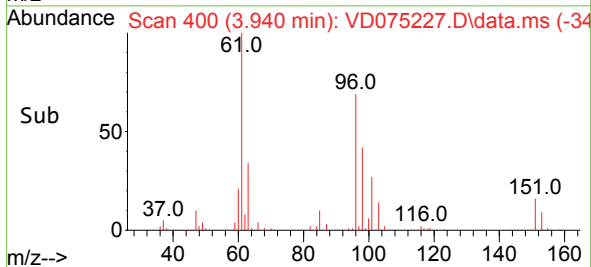
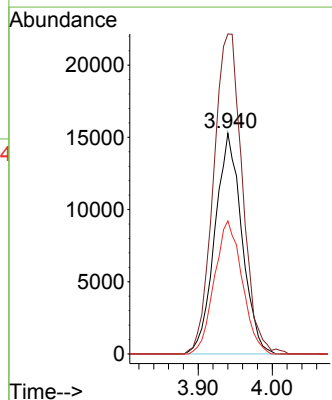
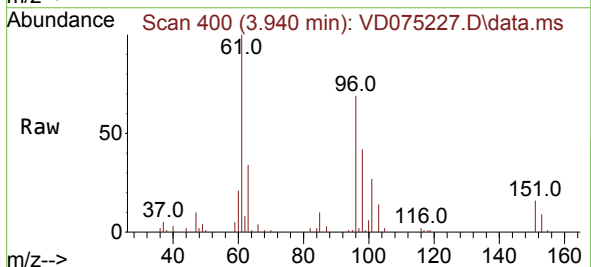
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

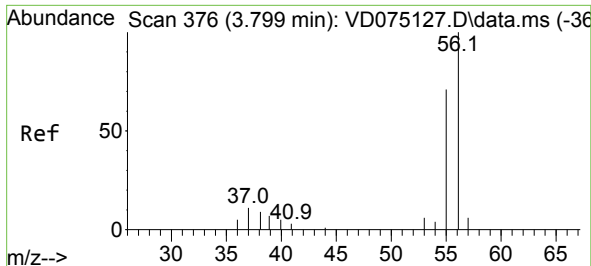
Tgt Ion: 59 Resp: 10570
Ion Ratio Lower Upper
59 100
57 9.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 53.590 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 96 Resp: 38682
Ion Ratio Lower Upper
96 100
61 145.0 126.8 190.2
98 60.4 50.4 75.6





#13

Acrolein

Concen: 169.562 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

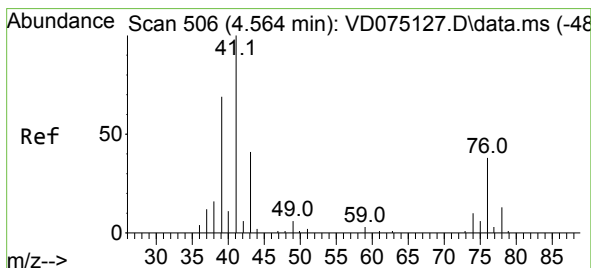
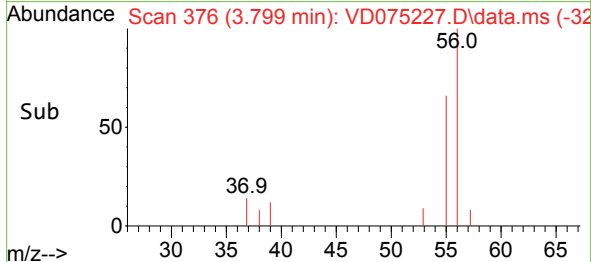
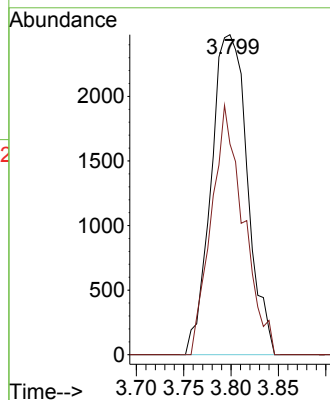
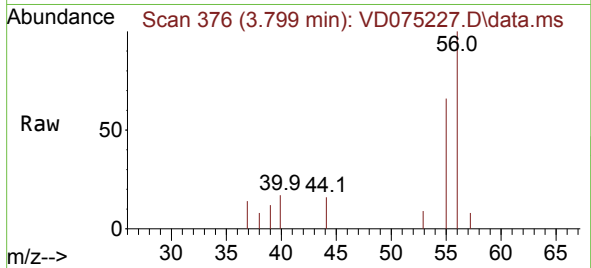
VSTDCCC050EC

Tgt Ion: 56 Resp: 6615

Ion Ratio Lower Upper

56 100

55 69.2 53.0 79.6



#14

Allyl chloride

Concen: 54.648 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

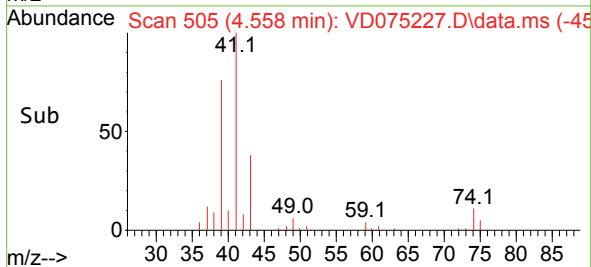
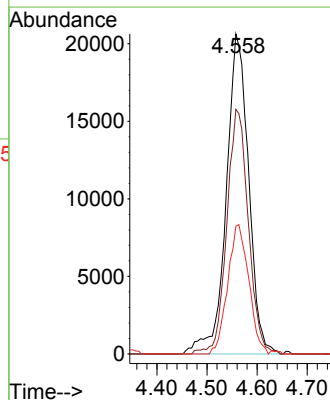
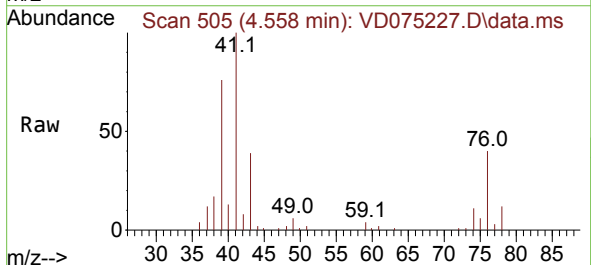
Tgt Ion: 41 Resp: 64017

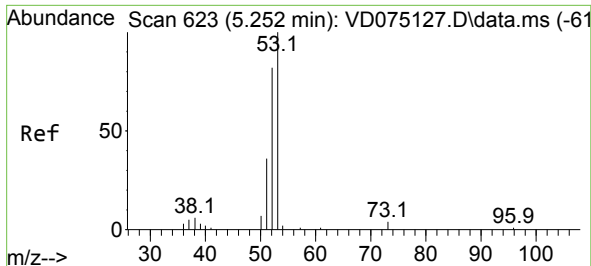
Ion Ratio Lower Upper

41 100

39 73.6 55.4 83.0

76 38.0 30.2 45.2

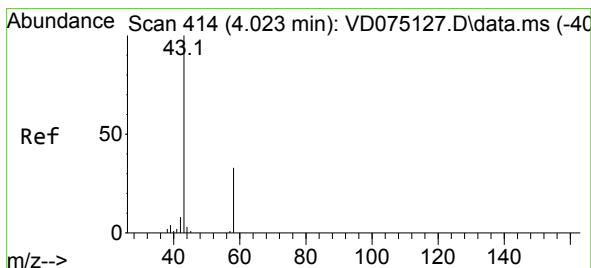
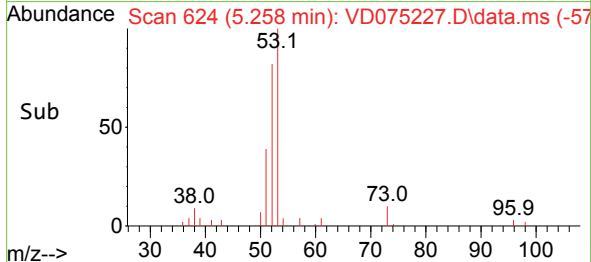
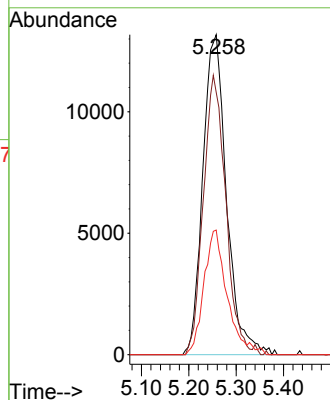
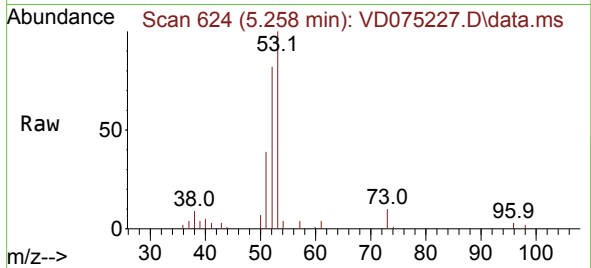




#15
Acrylonitrile
Concen: 302.938 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

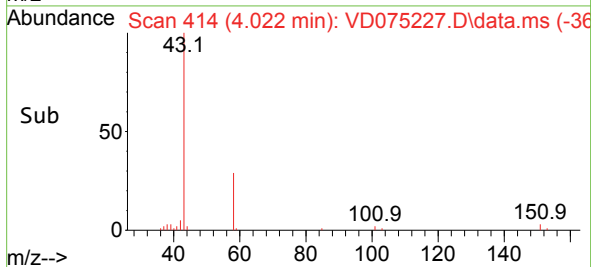
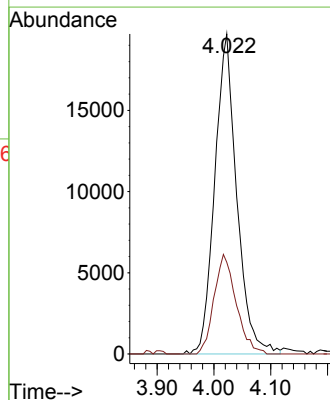
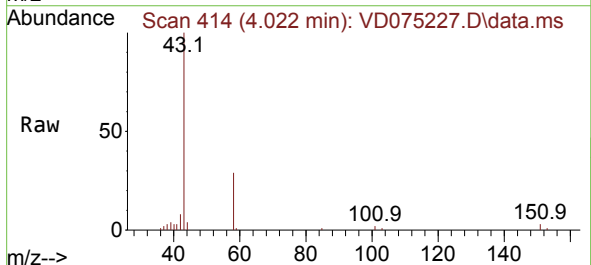
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

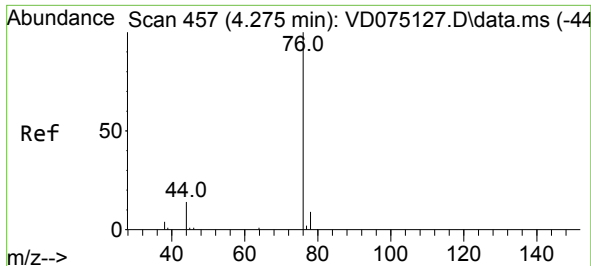
Tgt Ion: 53 Resp: 45840
Ion Ratio Lower Upper
53 100
52 82.3 67.0 100.6
51 38.2 30.1 45.1



#16
Acetone
Concen: 312.210 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 43 Resp: 52969
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0

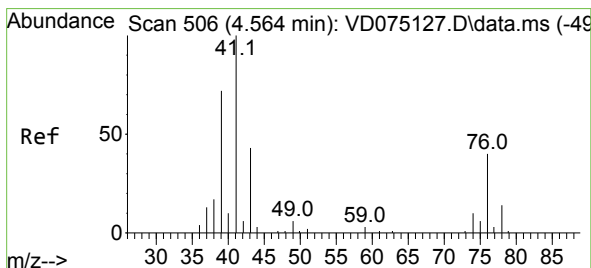
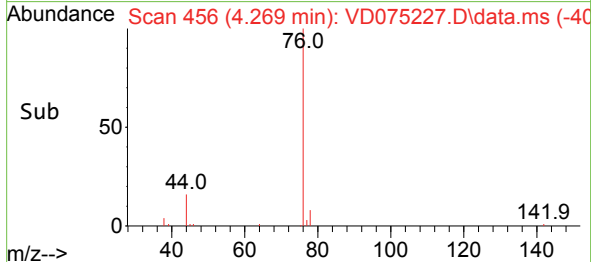
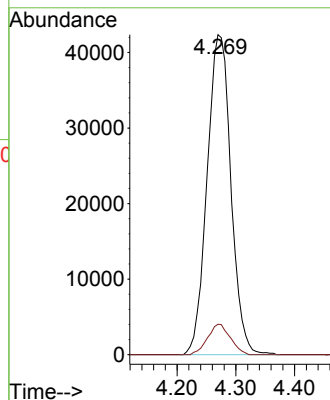
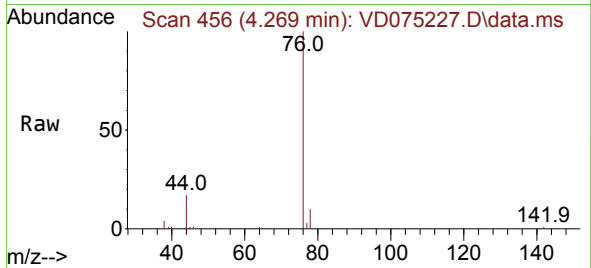




#17
Carbon Disulfide
Concen: 50.946 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

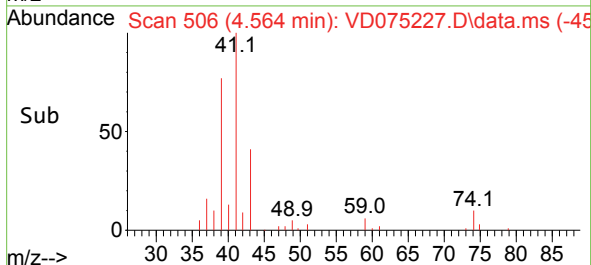
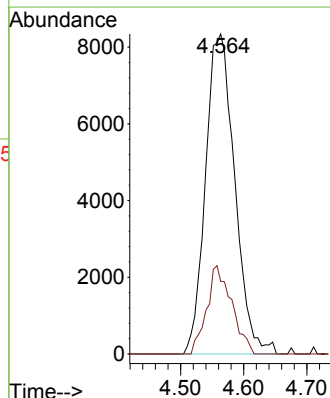
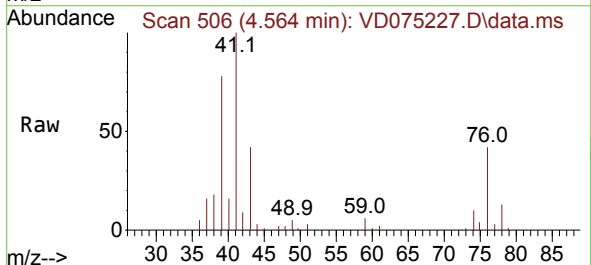
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

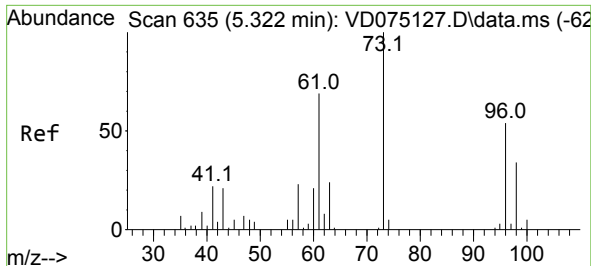
Tgt Ion: 76 Resp: 119272
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 58.006 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 43 Resp: 26750
Ion Ratio Lower Upper
43 100
74 23.6 18.5 27.7

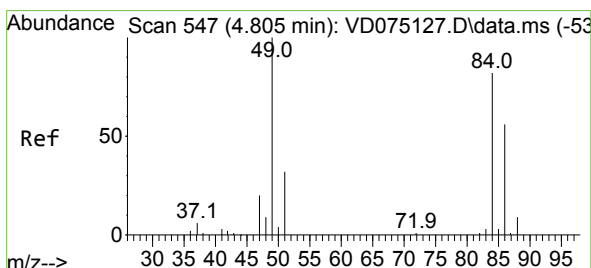
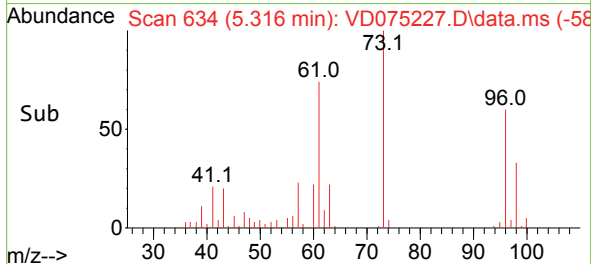
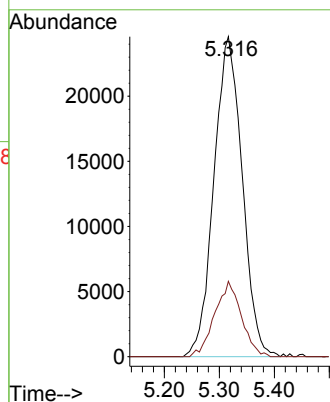
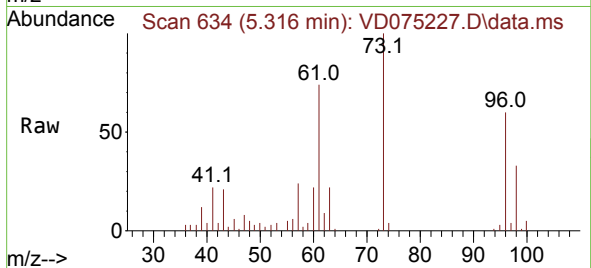




#19
Methyl tert-butyl Ether
Concen: 58.204 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

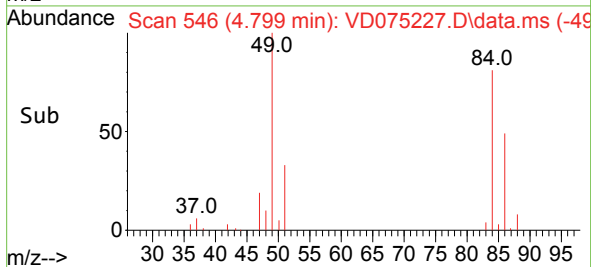
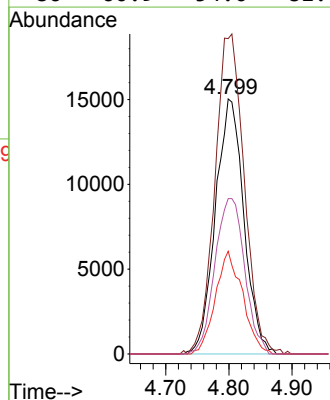
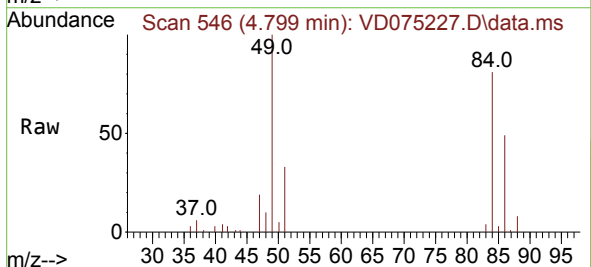
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

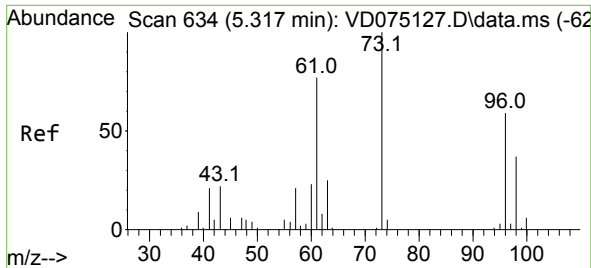
Tgt Ion: 73 Resp: 87761
Ion Ratio Lower Upper
73 100
57 23.6 18.5 27.7



#20
Methylene Chloride
Concen: 53.825 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 84 Resp: 47036
Ion Ratio Lower Upper
84 100
49 123.6 97.0 145.6
51 40.3 30.9 46.3
86 60.9 54.0 81.0

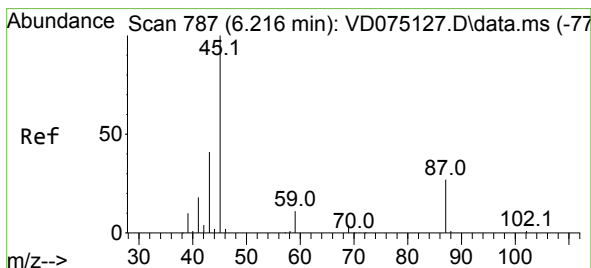
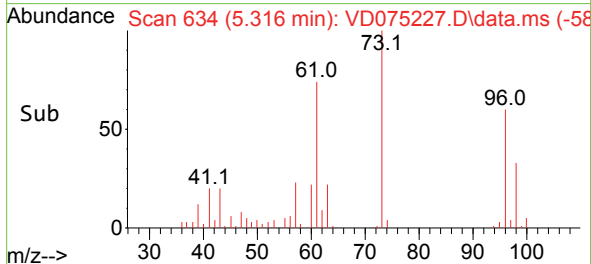
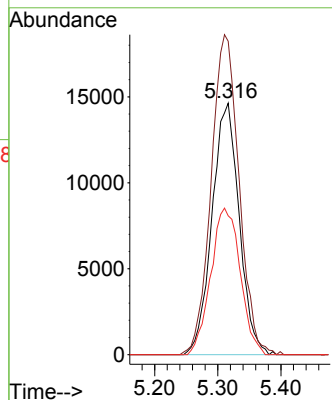
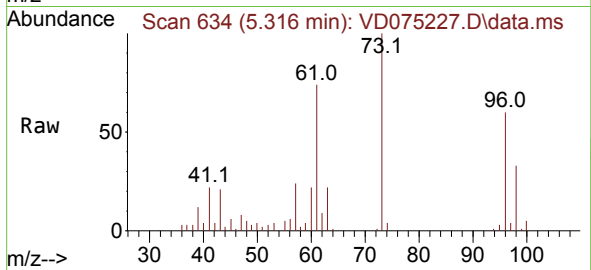




#21
trans-1,2-Dichloroethene
Concen: 54.437 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

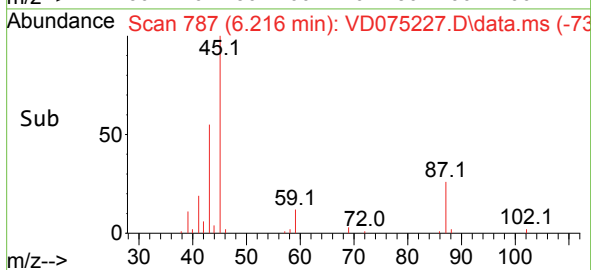
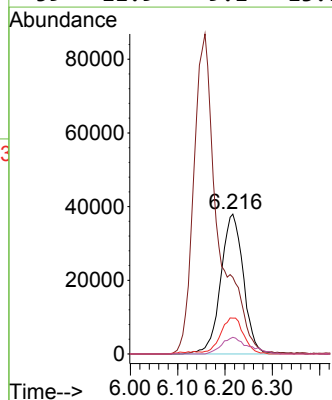
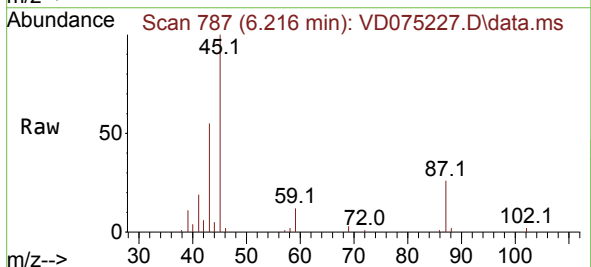
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

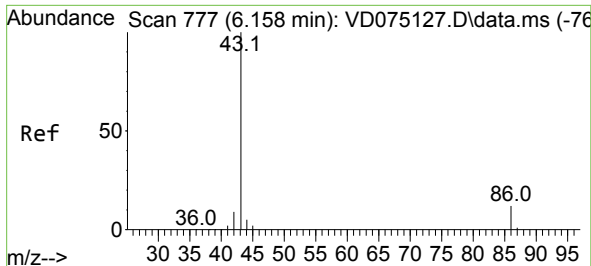
Tgt Ion: 96 Resp: 43743
Ion Ratio Lower Upper
96 100
61 124.6 105.7 158.5
98 55.2 50.4 75.6



#22
Diisopropyl ether
Concen: 57.786 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 45 Resp: 125993
Ion Ratio Lower Upper
45 100
43 53.9 45.3 67.9
87 25.7 22.1 33.1
59 11.9 9.1 13.7

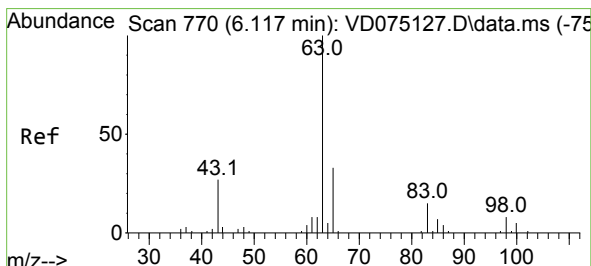
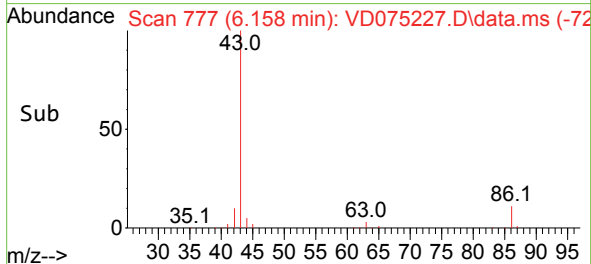
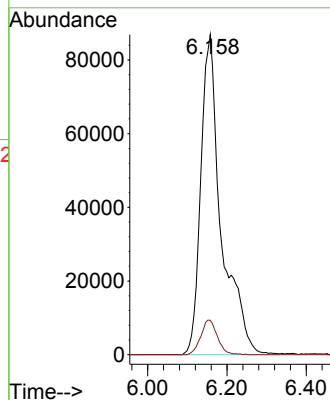
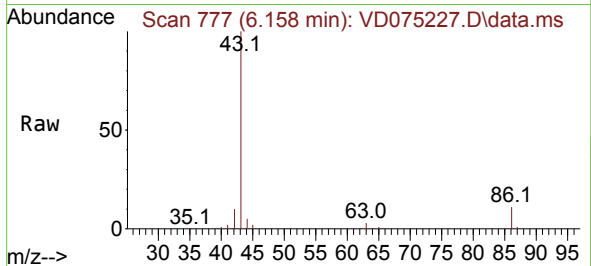




#23
 Vinyl Acetate
 Concen: 325.048 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075227.D
 Acq: 27 Jan 2023 16:23

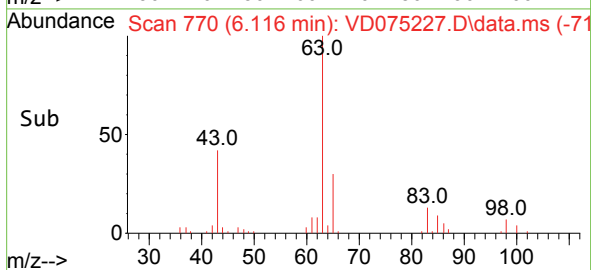
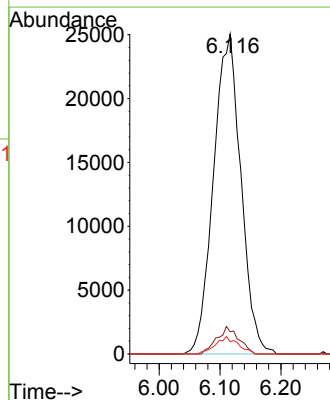
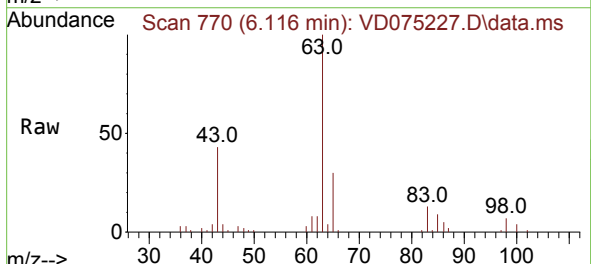
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

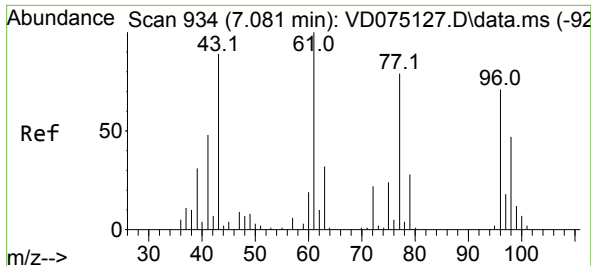
Tgt Ion: 43 Resp: 312354
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 57.037 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075227.D
 Acq: 27 Jan 2023 16:23

Tgt Ion: 63 Resp: 78151
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 3.8 2.5 7.4





#25

2-Butanone

Concen: 298.403 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

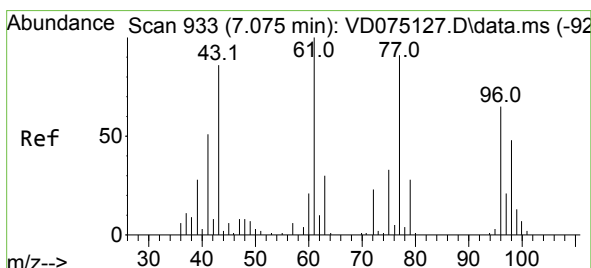
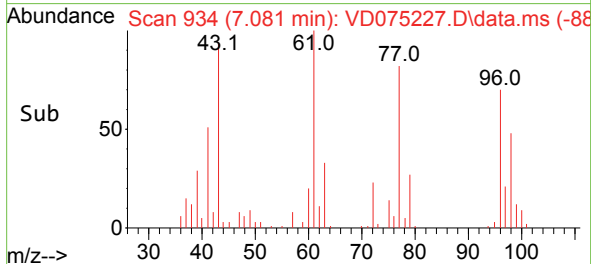
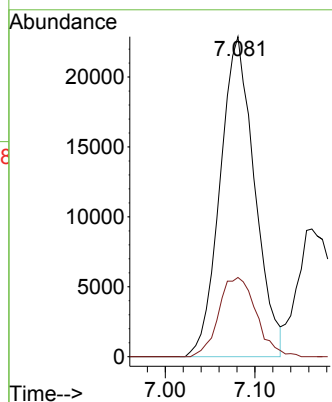
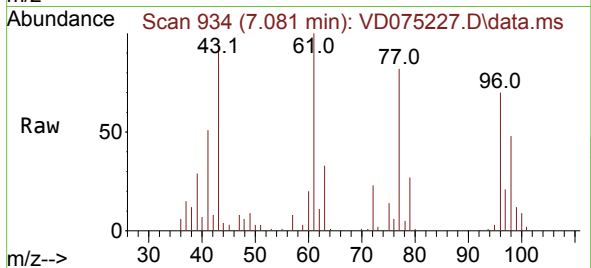
VSTDCCC050EC

Tgt Ion: 43 Resp: 61188

Ion Ratio Lower Upper

43 100

72 24.8 19.8 29.8



#26

2,2-Dichloropropane

Concen: 52.072 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD075227.D

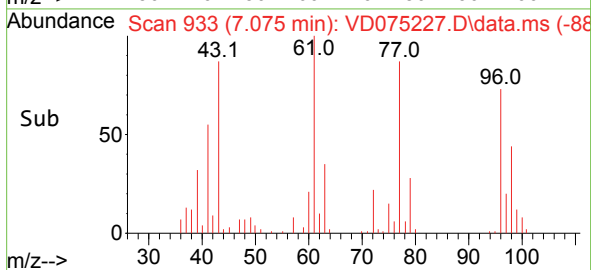
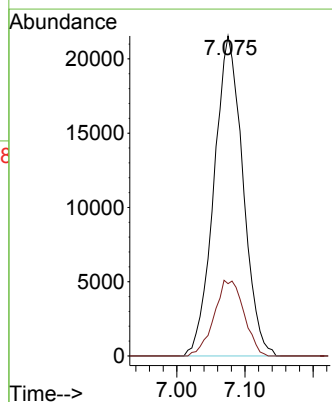
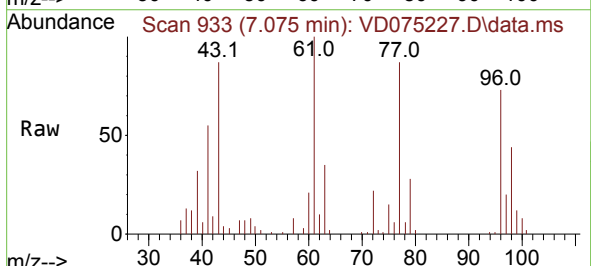
Acq: 27 Jan 2023 16:23

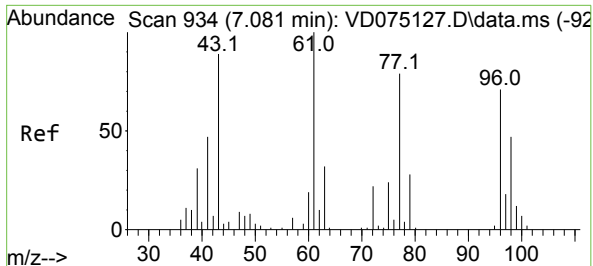
Tgt Ion: 77 Resp: 63602

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.0

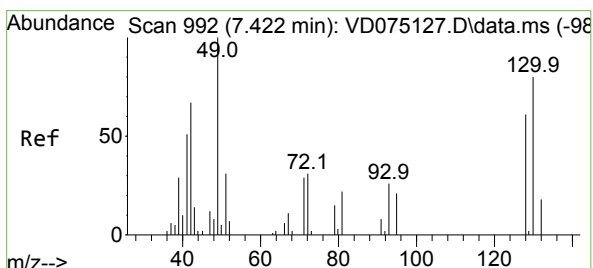
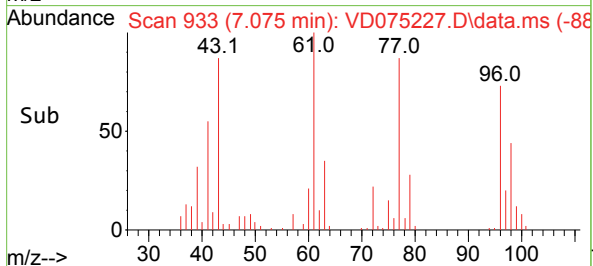
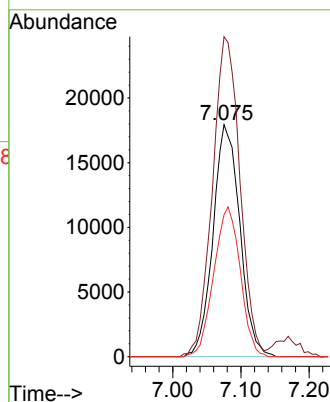
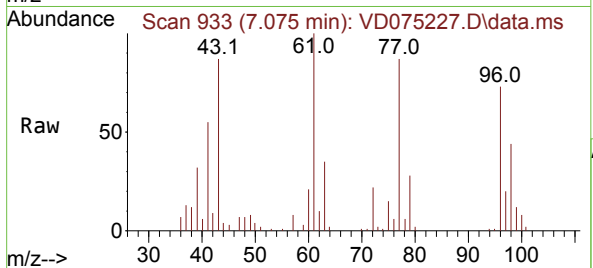




#27
 cis-1,2-Dichloroethene
 Concen: 56.005 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD075227.D
 Acq: 27 Jan 2023 16:23

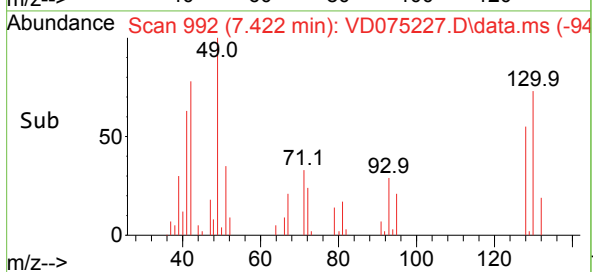
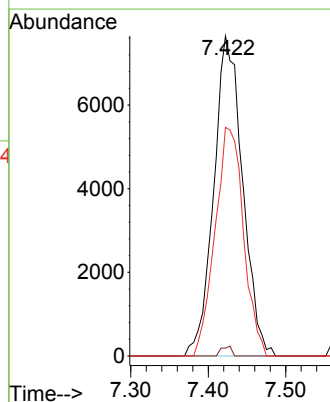
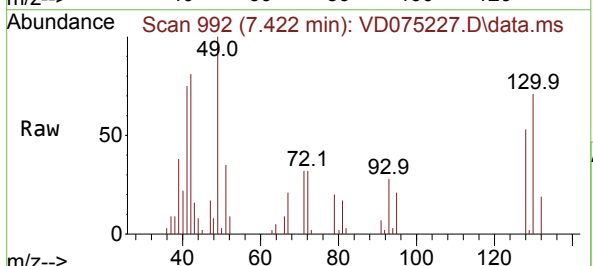
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

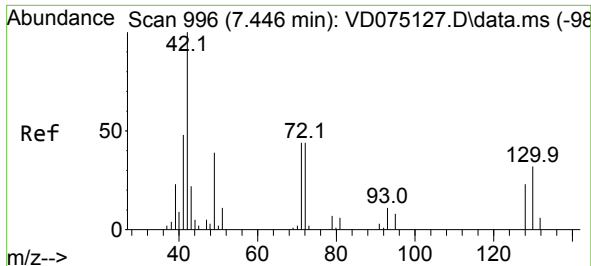
Tgt Ion: 96	Resp: 49056
Ion Ratio	Lower Upper
96 100	
61 141.5	0.0 287.4
98 63.8	0.0 129.8



#28
 Bromochloromethane
 Concen: 52.903 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD075227.D
 Acq: 27 Jan 2023 16:23

Tgt Ion: 49	Resp: 19791
Ion Ratio	Lower Upper
49 100	
129 1.1	0.0 2.6
130 70.4	63.6 95.4





#29

Tetrahydrofuran

Concen: 303.036 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

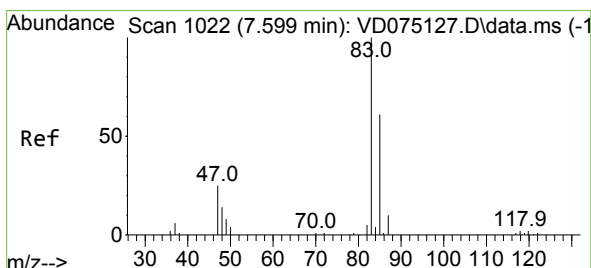
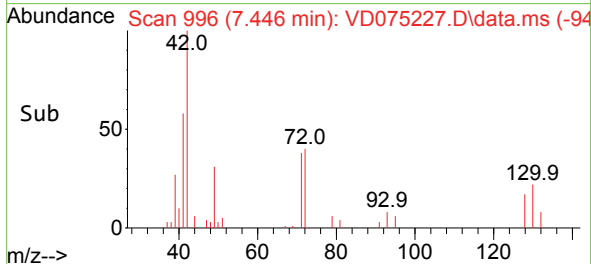
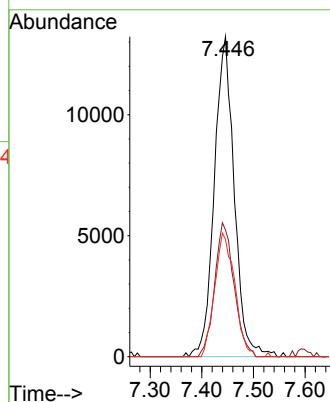
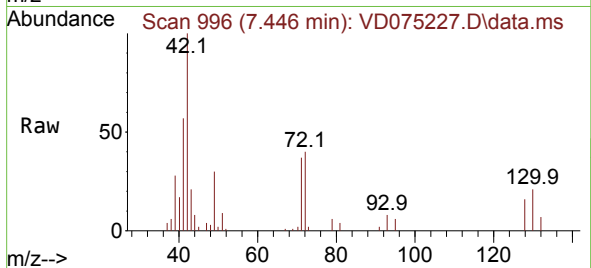
Tgt Ion: 42 Resp: 35441

Ion Ratio Lower Upper

42 100

72 40.7 33.8 50.8

71 38.8 31.6 47.4



#30

Chloroform

Concen: 57.060 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075227.D

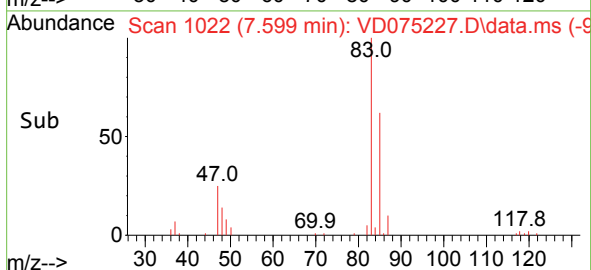
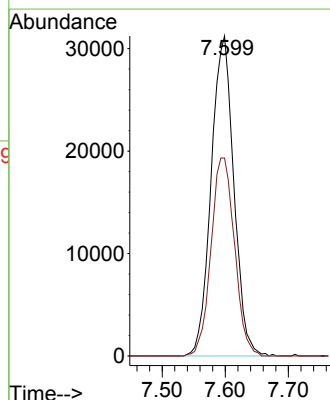
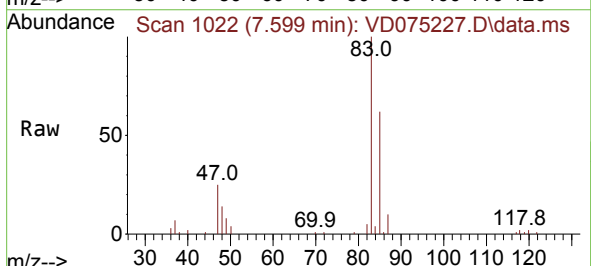
Acq: 27 Jan 2023 16:23

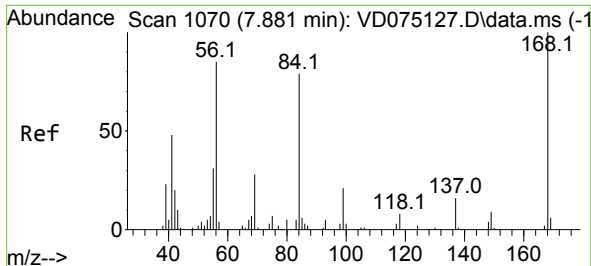
Tgt Ion: 83 Resp: 77965

Ion Ratio Lower Upper

83 100

85 61.8 48.5 72.7

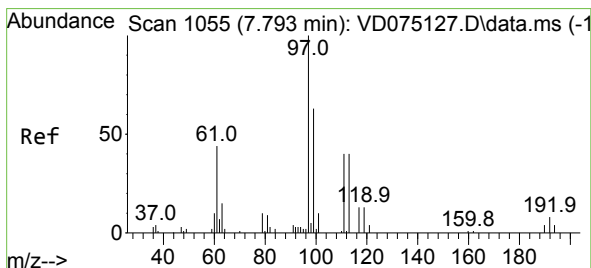
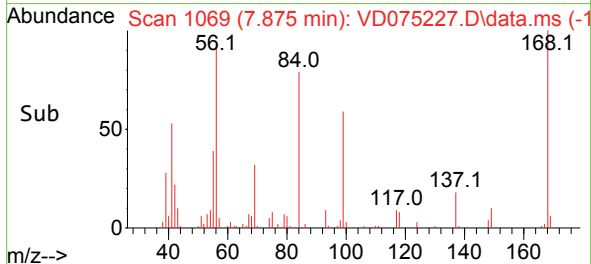
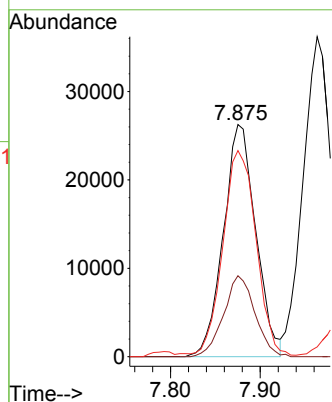
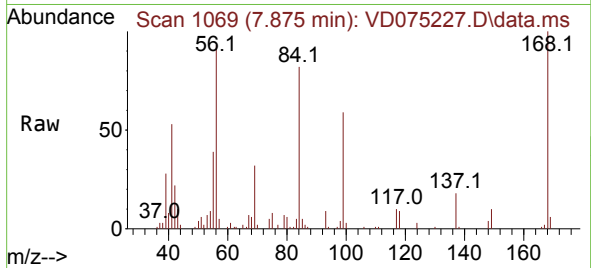




#31
Cyclohexane
Concen: 51.041 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

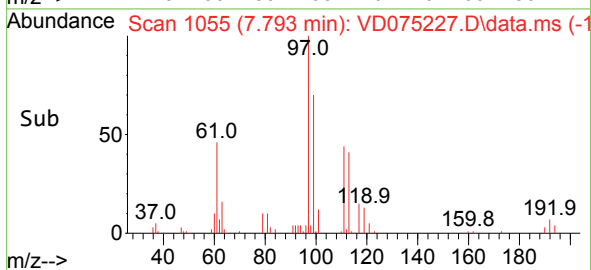
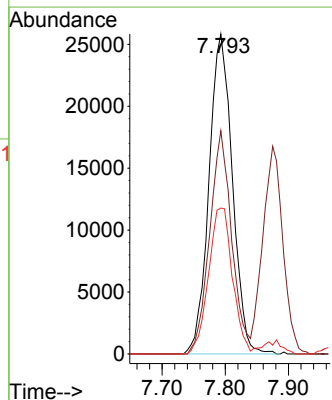
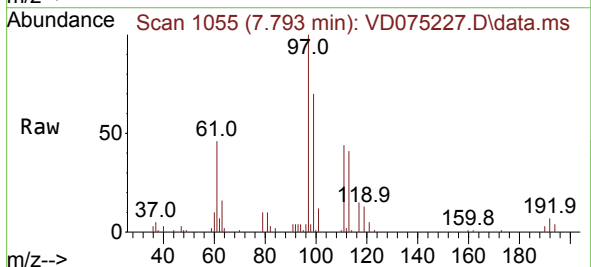
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

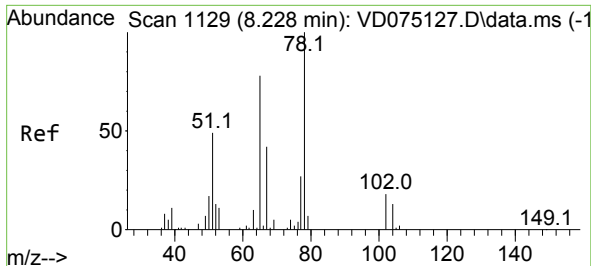
Tgt Ion: 56 Resp: 65849
Ion Ratio Lower Upper
56 100
69 34.9 26.6 40.0
84 87.4 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 56.469 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 97 Resp: 66473
Ion Ratio Lower Upper
97 100
99 65.8 51.7 77.5
61 46.9 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 54.264 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

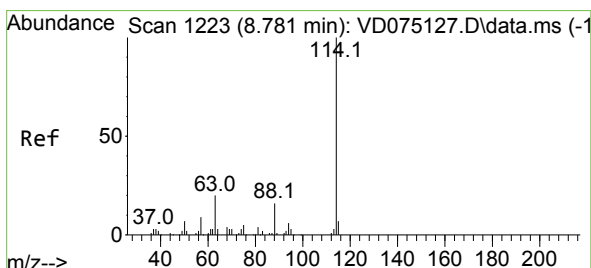
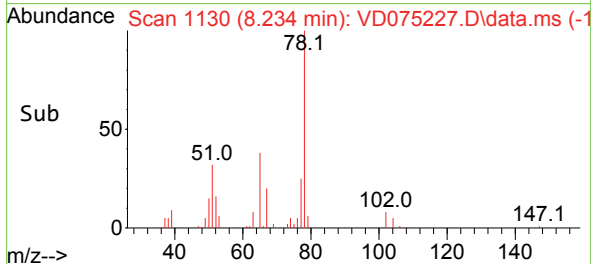
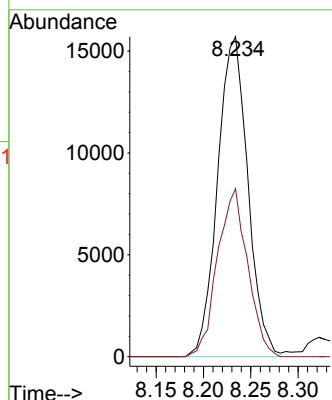
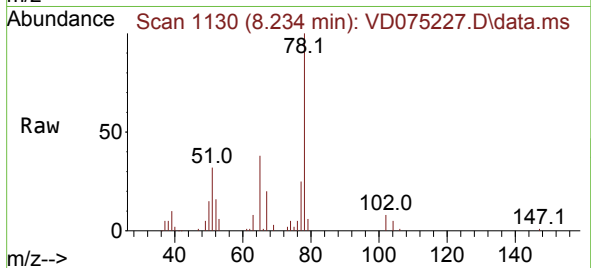
VSTDCCC050EC

Tgt Ion: 65 Resp: 34906

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

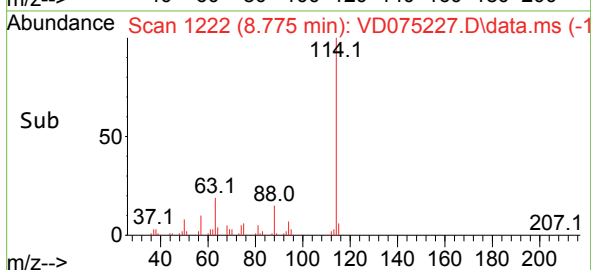
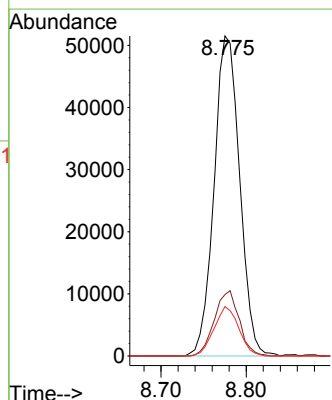
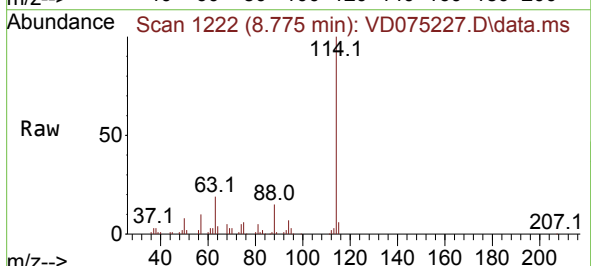
Tgt Ion: 114 Resp: 107556

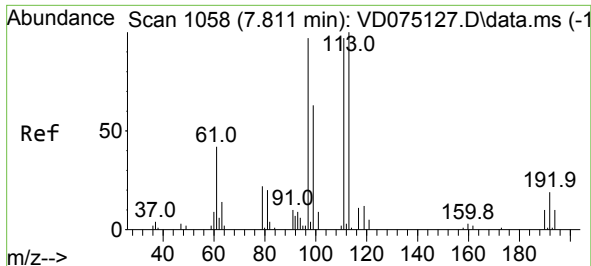
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.2

88 15.5 0.0 32.2

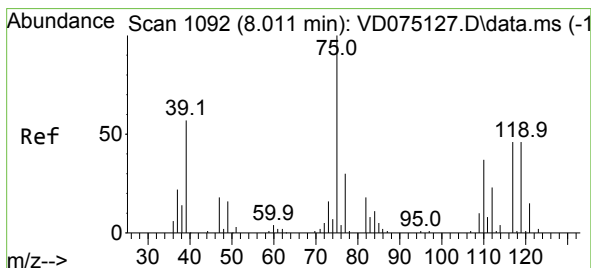
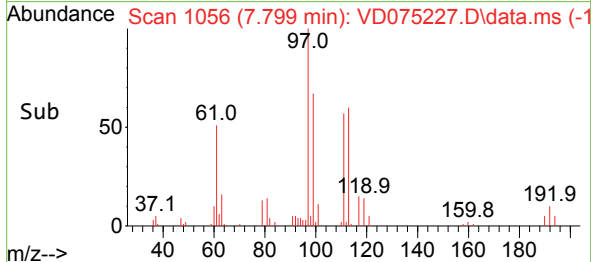
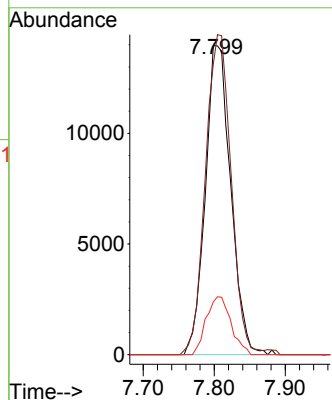
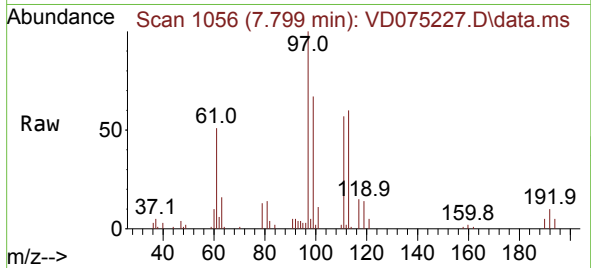




#35
Dibromofluoromethane
Concen: 53.481 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

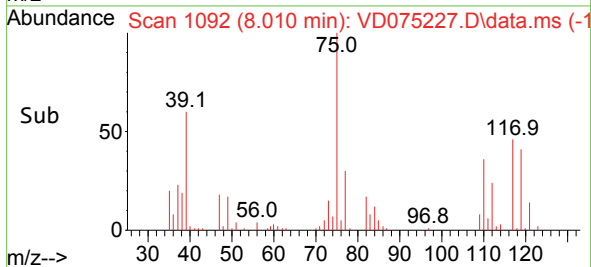
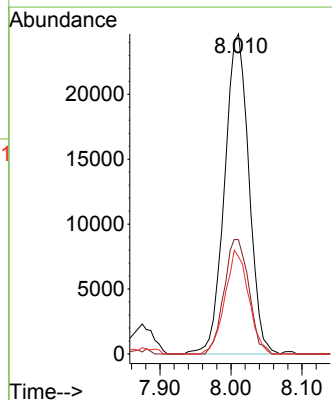
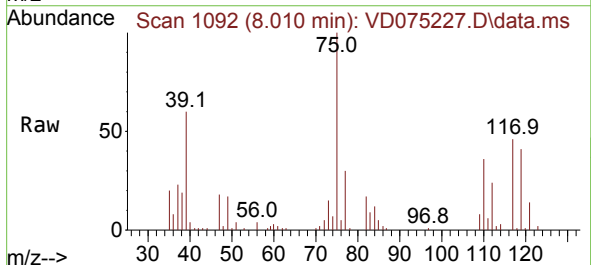
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

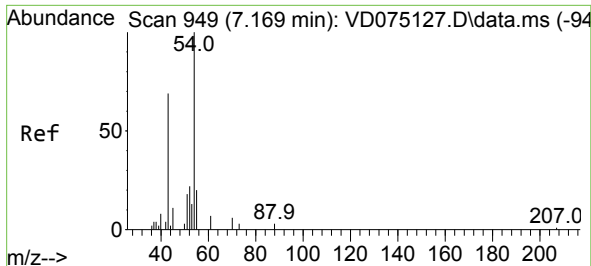
Tgt Ion:113 Resp: 34759
Ion Ratio Lower Upper
113 100
111 104.7 80.1 120.1
192 18.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 56.111 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 75 Resp: 58593
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.4
77 31.6 25.1 37.7





#37

Ethyl Acetate

Concen: 63.338 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

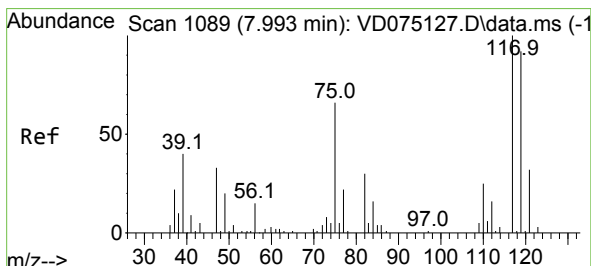
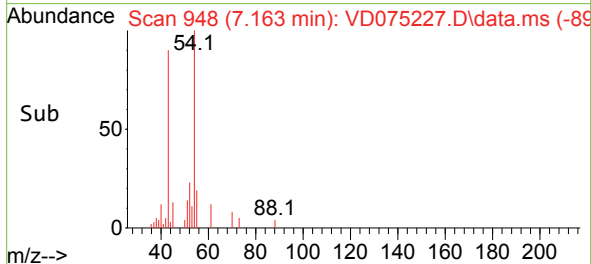
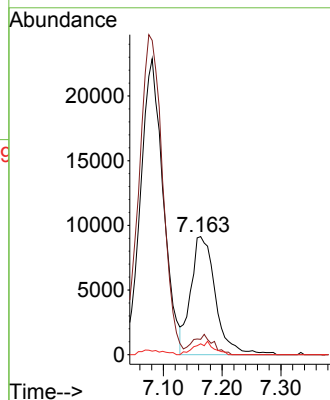
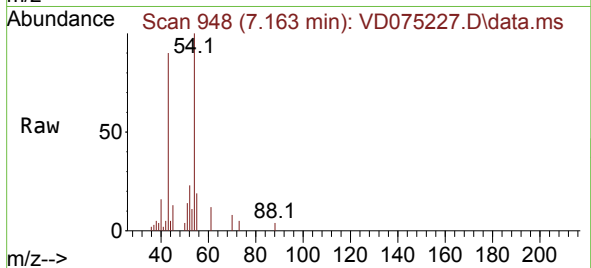
Tgt Ion: 43 Resp: 26646

Ion Ratio Lower Upper

43 100

61 14.2 11.7 17.5

70 8.6 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 62.465 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

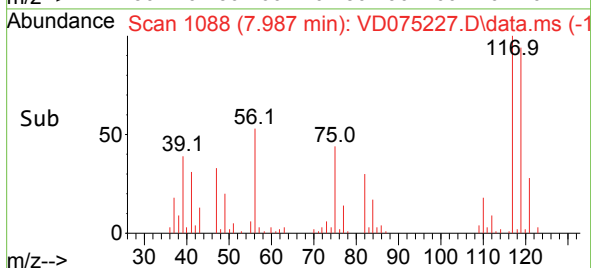
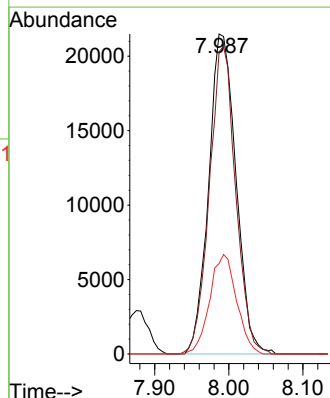
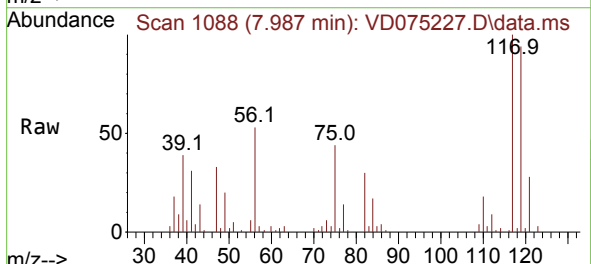
Tgt Ion: 117 Resp: 54920

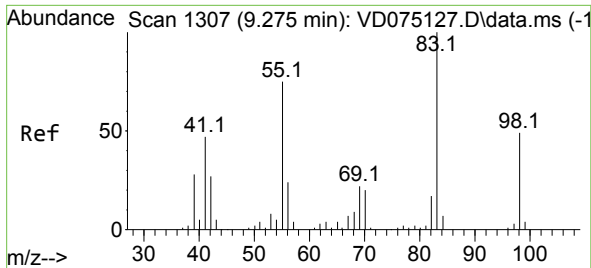
Ion Ratio Lower Upper

117 100

119 94.4 73.6 110.4

121 28.3 25.4 38.0

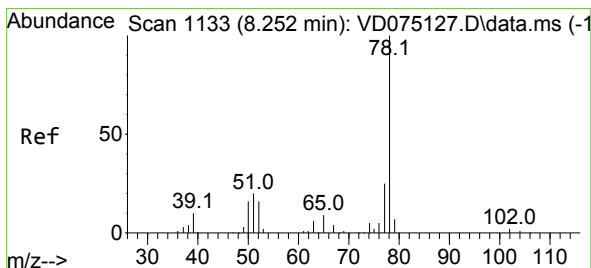
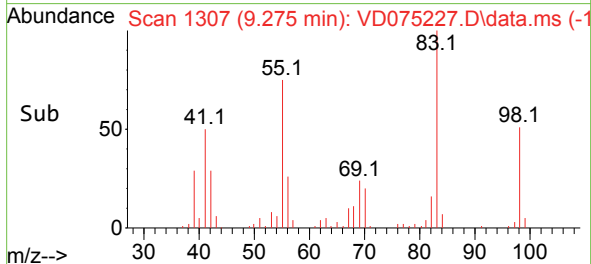
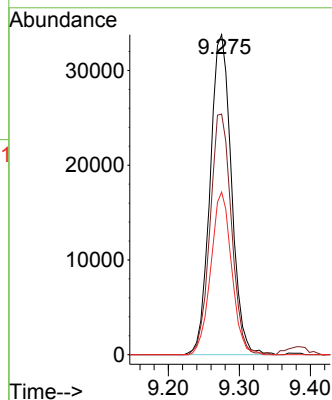
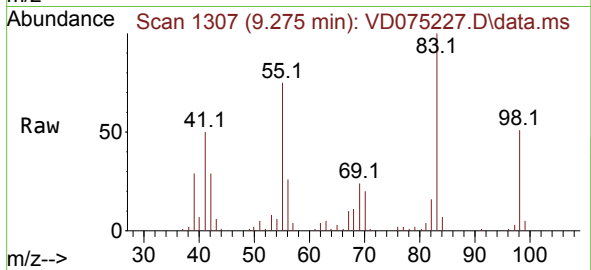




#39
Methylcyclohexane
Concen: 54.613 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

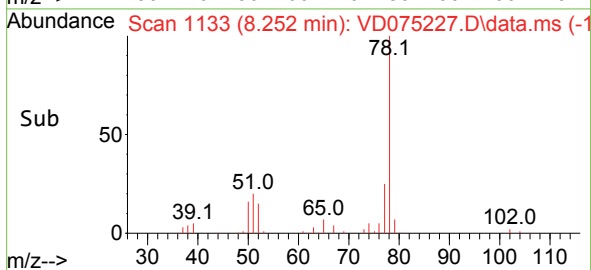
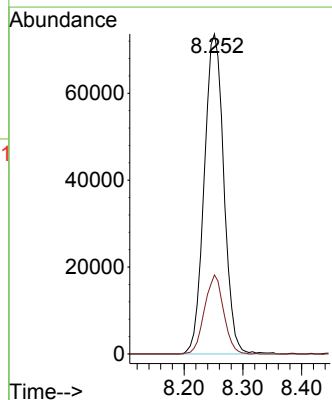
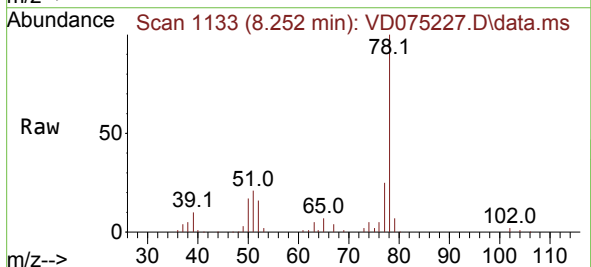
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

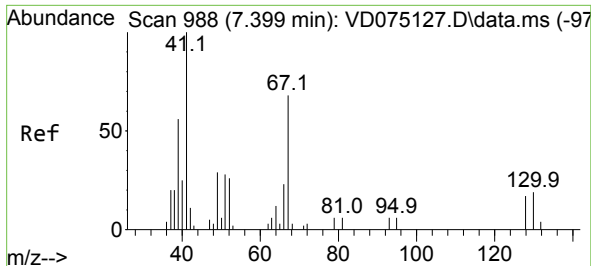
Tgt Ion: 83 Resp: 70279
Ion Ratio Lower Upper
83 100
55 75.2 60.0 90.0
98 50.8 39.0 58.4



#40
Benzene
Concen: 57.226 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 78 Resp: 170416
Ion Ratio Lower Upper
78 100
77 24.7 19.8 29.6

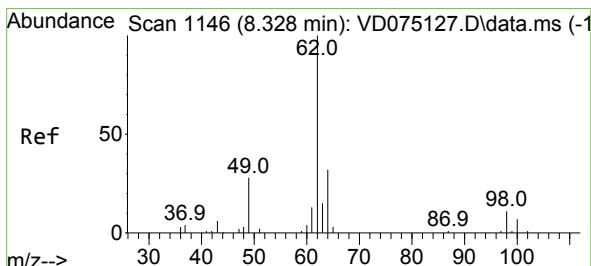
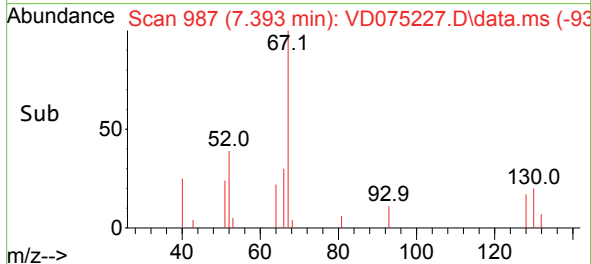
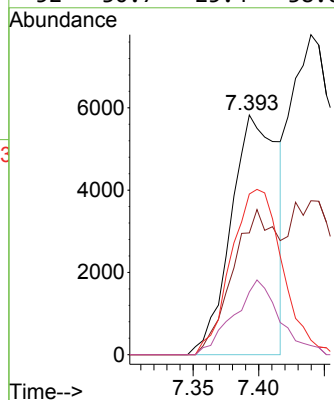
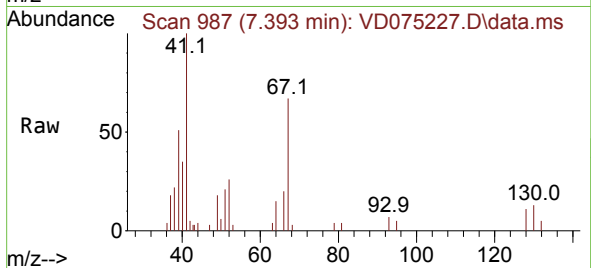




#41
Methacrylonitrile
Concen: 56.837 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

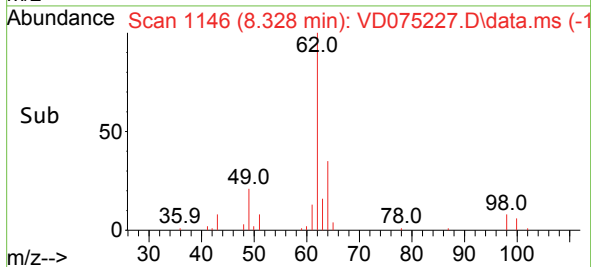
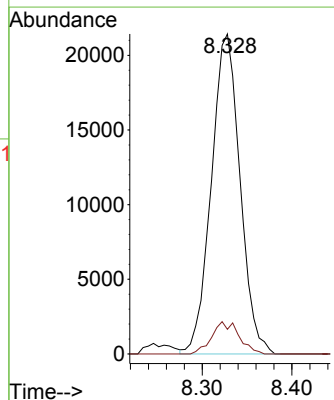
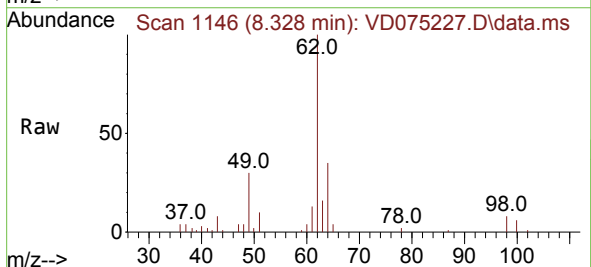
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

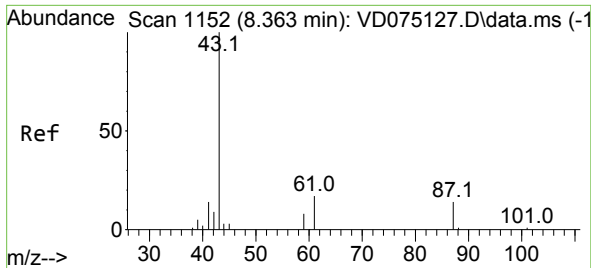
Tgt Ion:	41	Resp:	14388
Ion	Ratio	Lower	Upper
41	100		
39	57.9	57.8	86.6
67	75.8	60.5	90.7
52	30.7	25.4	38.0



#42
1,2-Dichloroethane
Concen: 60.861 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion:	62	Resp:	47608
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

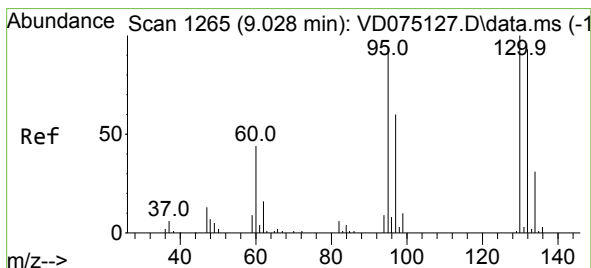
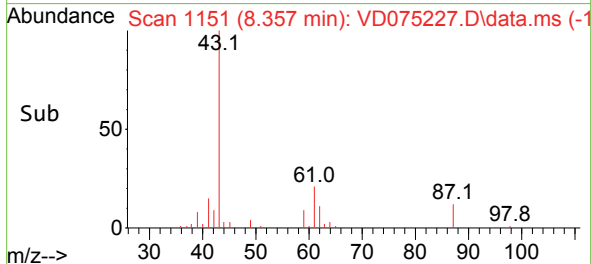
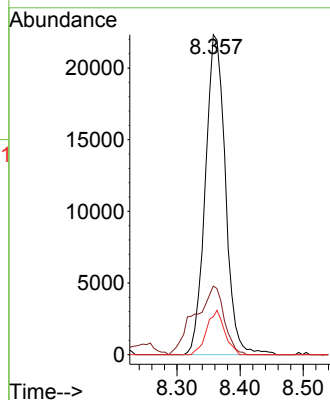
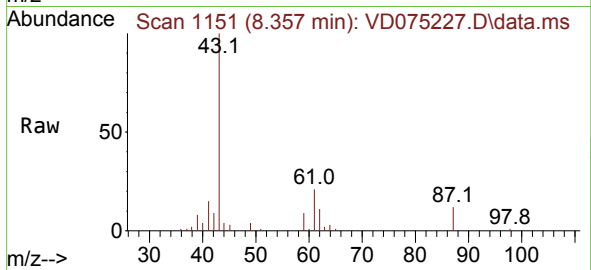




#43
Isopropyl Acetate
Concen: 60.213 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

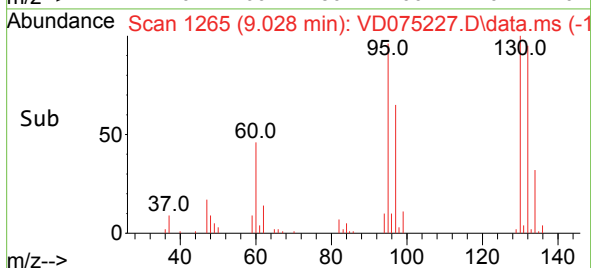
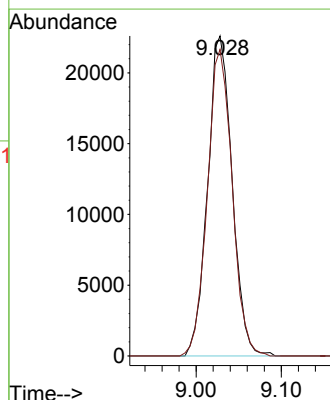
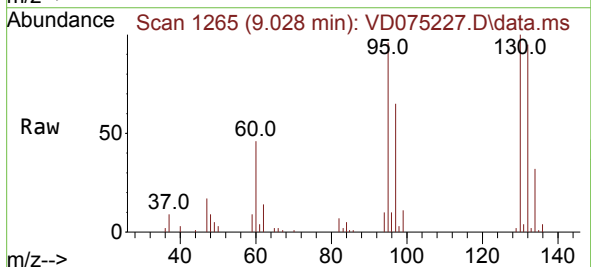
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

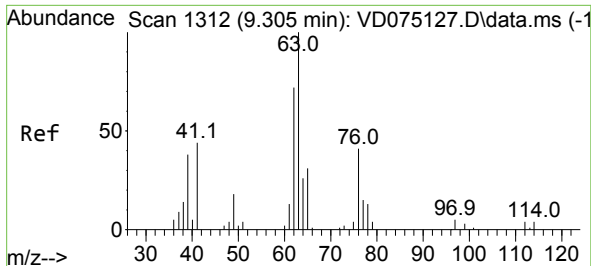
Tgt Ion: 43 Resp: 49295
Ion Ratio Lower Upper
43 100
61 31.2 25.0 37.6
87 12.4 10.6 16.0



#44
Trichloroethene
Concen: 53.984 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 130 Resp: 45207
Ion Ratio Lower Upper
130 100
95 95.8 0.0 188.6





#45

1,2-Dichloropropane

Concen: 58.535 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

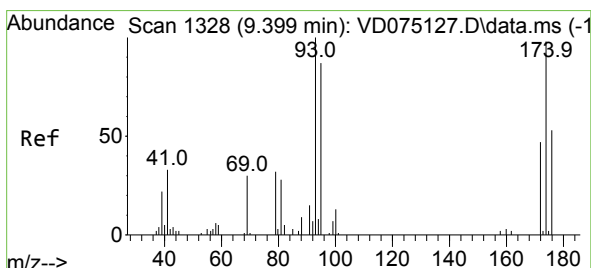
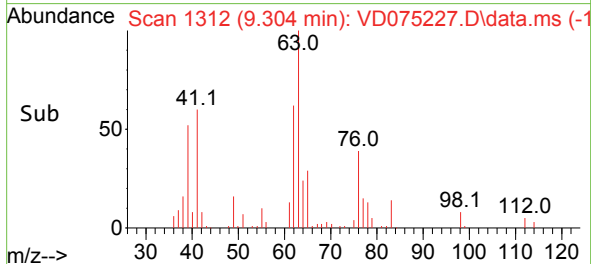
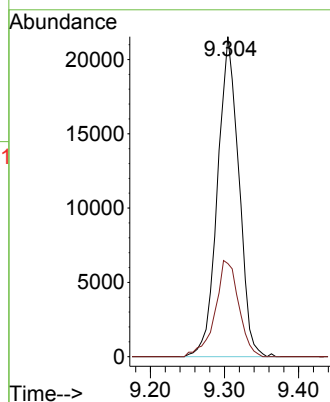
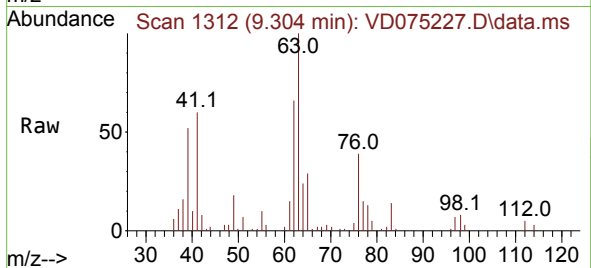
VSTDCCC050EC

Tgt Ion: 63 Resp: 42939

Ion Ratio Lower Upper

63 100

65 29.1 25.1 37.7



#46

Dibromomethane

Concen: 60.481 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

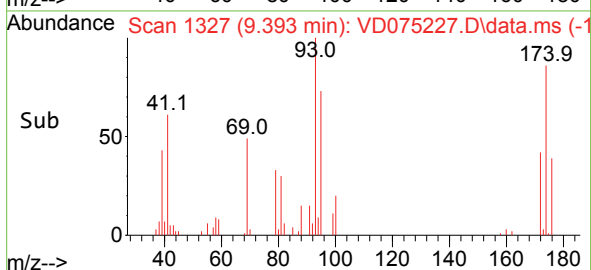
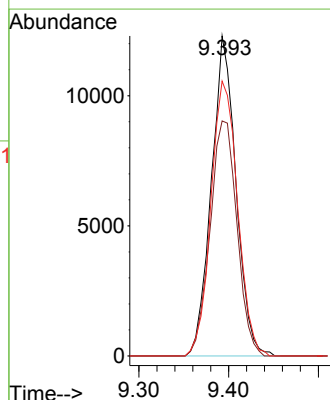
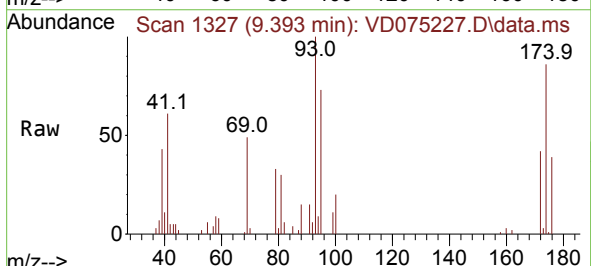
Tgt Ion: 93 Resp: 23398

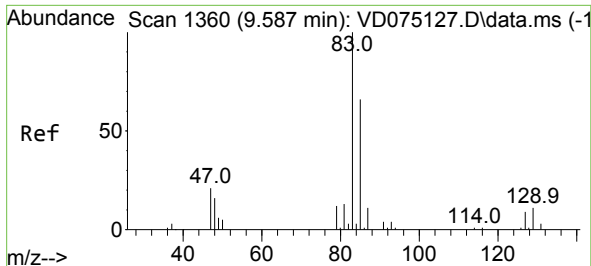
Ion Ratio Lower Upper

93 100

95 80.3 68.3 102.5

174 93.1 77.4 116.0

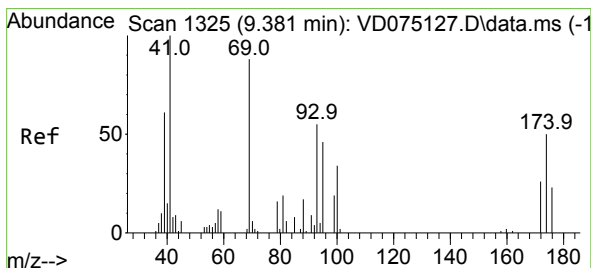
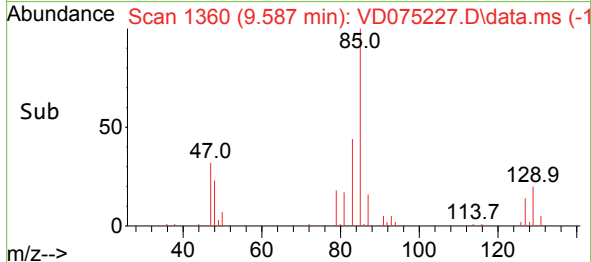
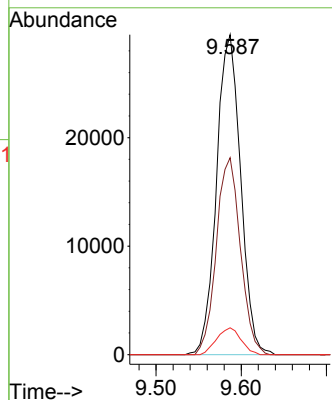
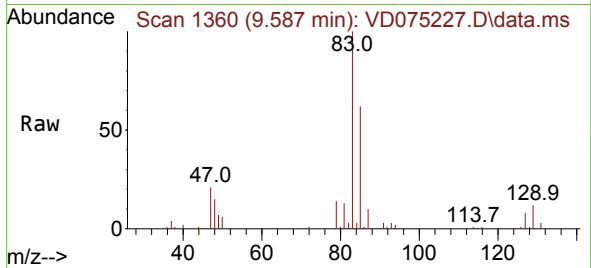




#47
Bromodichloromethane
Concen: 60.380 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

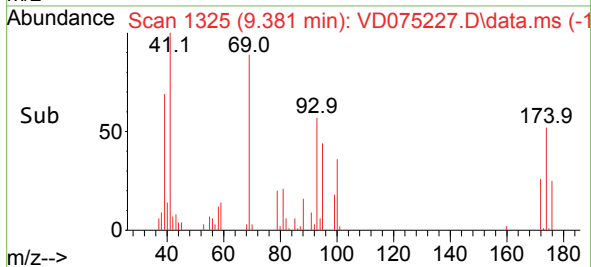
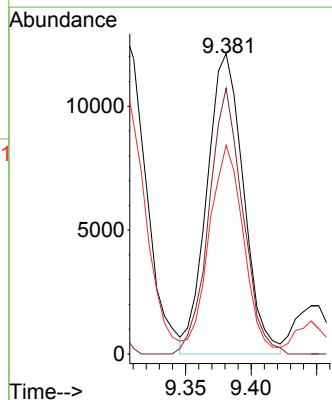
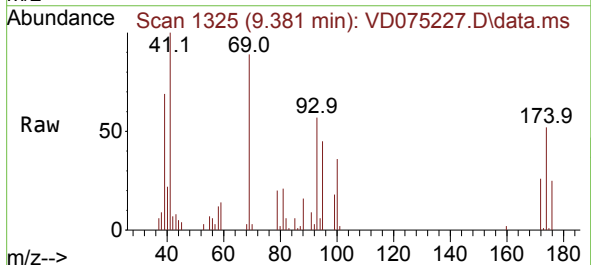
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

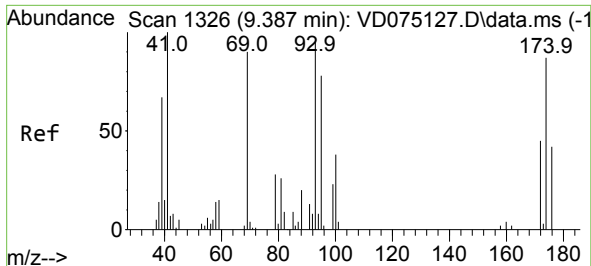
Tgt Ion: 83 Resp: 57952
Ion Ratio Lower Upper
83 100
85 61.5 53.0 79.4
127 8.4 7.0 10.4



#48
Methyl methacrylate
Concen: 58.703 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 41 Resp: 23501
Ion Ratio Lower Upper
41 100
69 81.6 67.8 101.6
39 61.0 46.0 69.0





#49

1,4-Dioxane

Concen: 1274.740 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

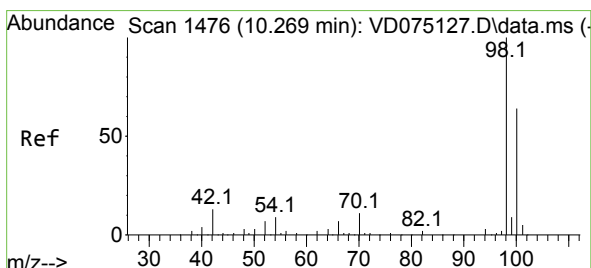
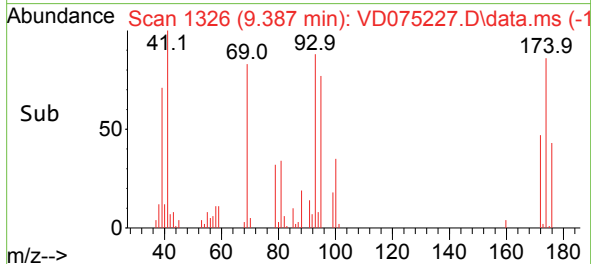
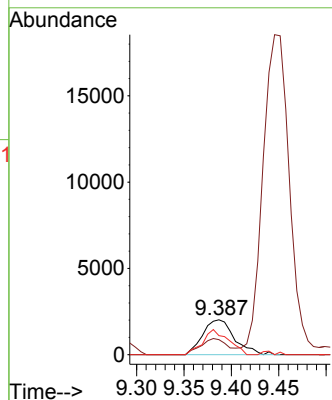
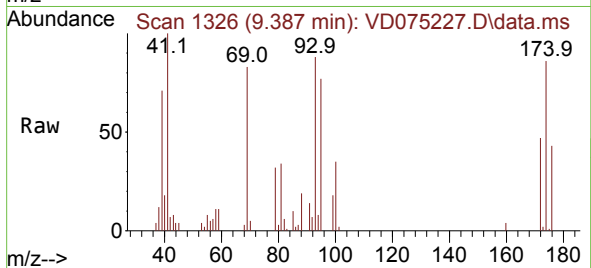
Tgt Ion: 88 Resp: 4708

Ion Ratio Lower Upper

88 100

43 39.2 35.6 53.4

58 58.4 57.4 86.2



#50

Toluene-d8

Concen: 53.574 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075227.D

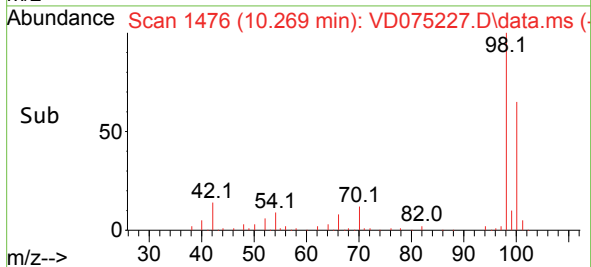
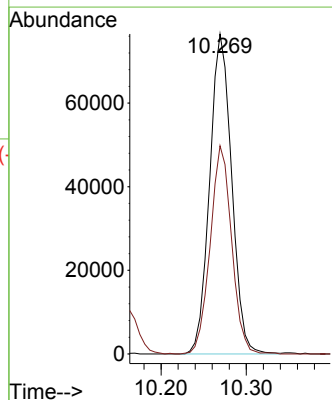
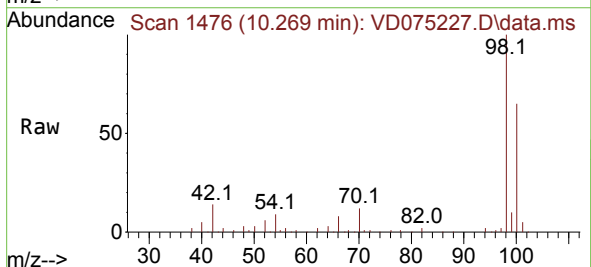
Acq: 27 Jan 2023 16:23

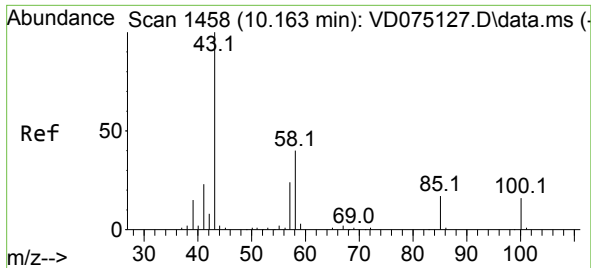
Tgt Ion: 98 Resp: 137096

Ion Ratio Lower Upper

98 100

100 63.6 52.7 79.1

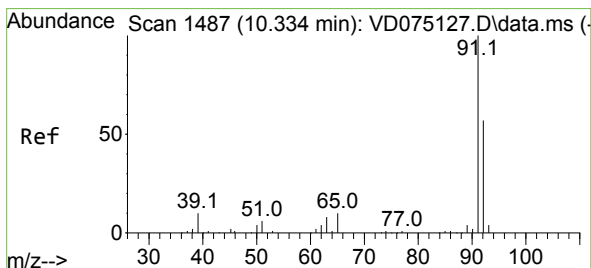
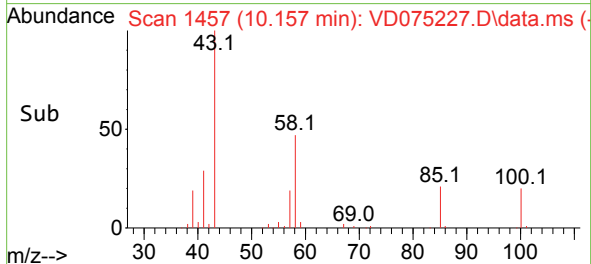
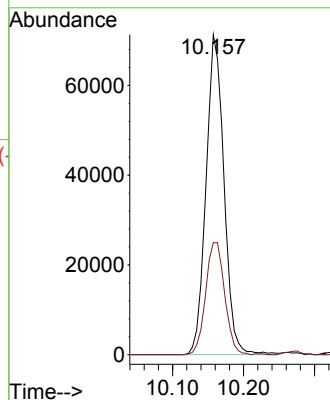
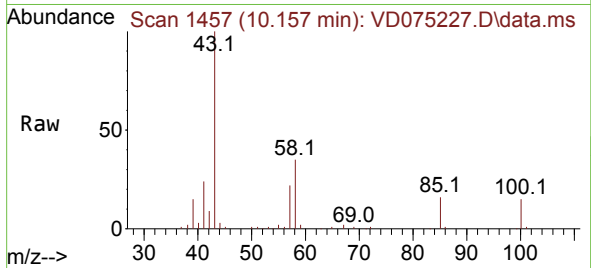




#51
4-Methyl-2-Pentanone
Concen: 319.566 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

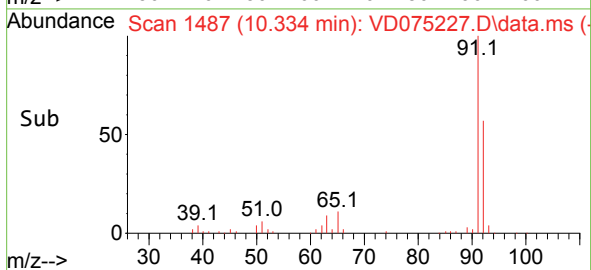
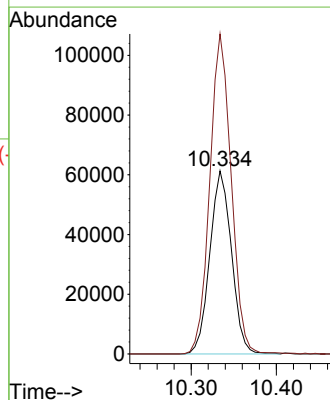
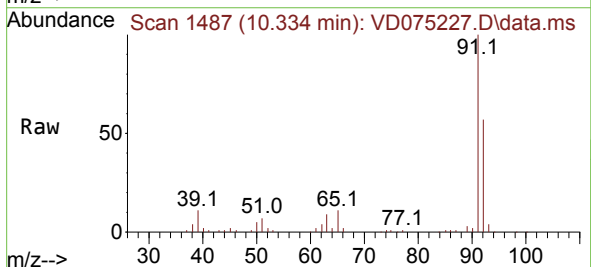
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

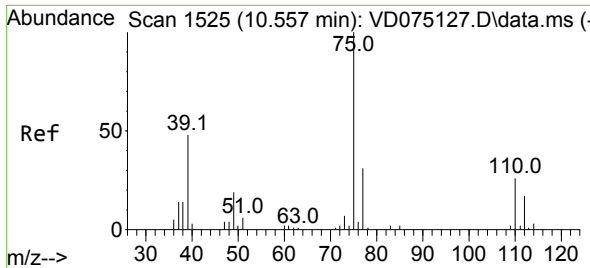
Tgt Ion: 43 Resp: 125634
Ion Ratio Lower Upper
43 100
58 37.1 31.4 47.0



#52
Toluene
Concen: 57.472 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 92 Resp: 108156
Ion Ratio Lower Upper
92 100
91 173.1 137.0 205.4

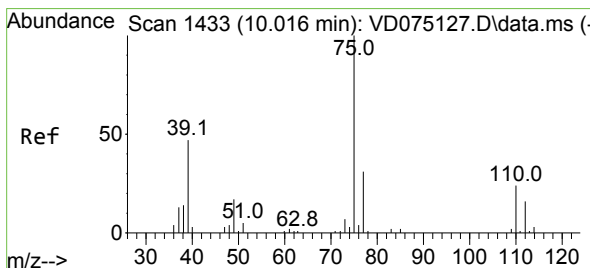
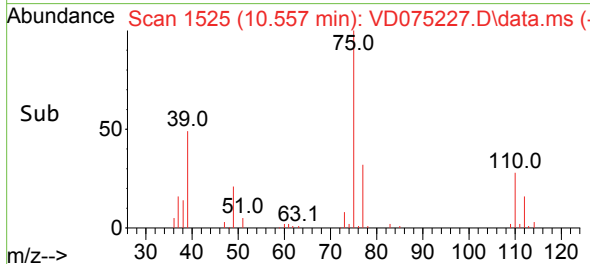
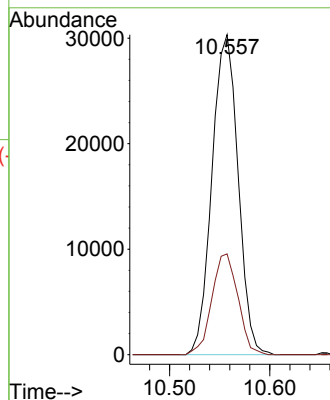
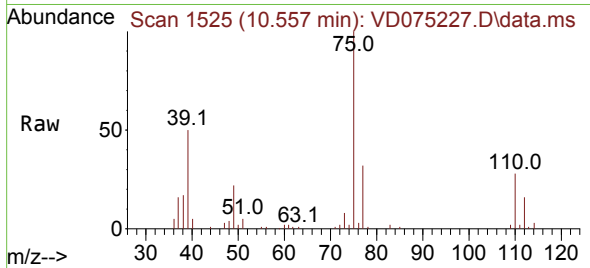




#53
t-1,3-Dichloropropene
Concen: 60.344 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

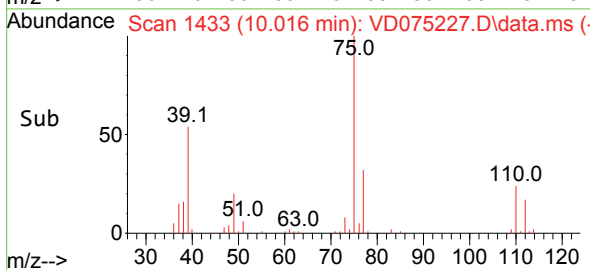
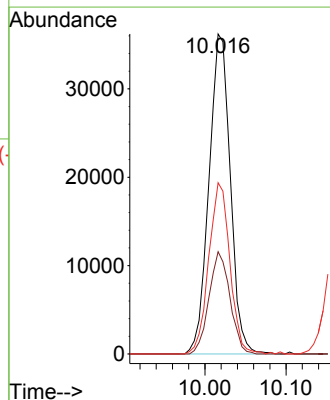
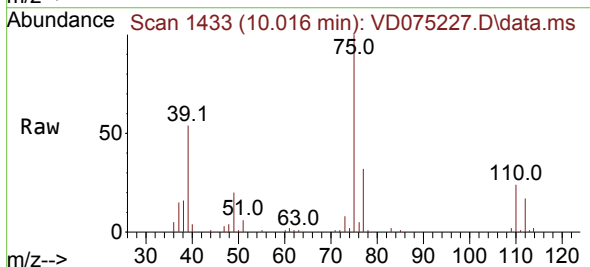
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

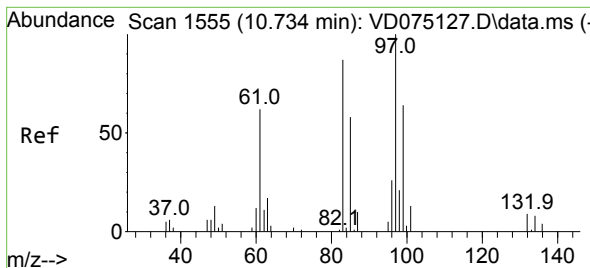
Tgt Ion: 75 Resp: 54795
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 59.578 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 75 Resp: 66094
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
39 53.5 37.9 56.9





#55

1,1,2-Trichloroethane

Concen: 61.786 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 31633

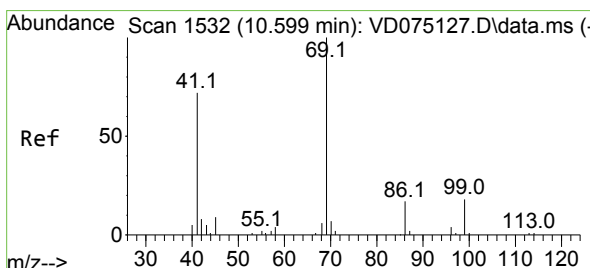
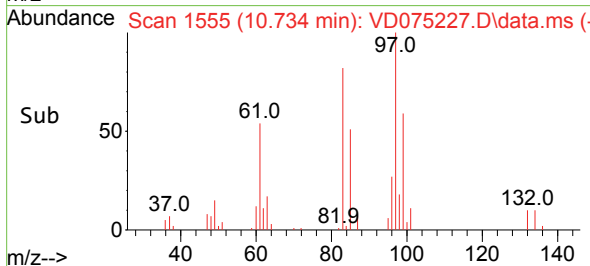
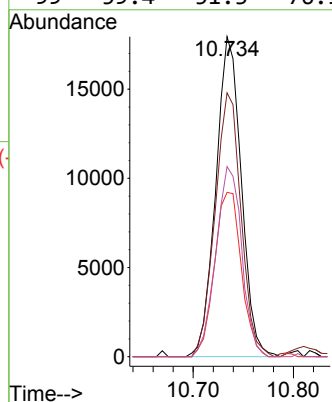
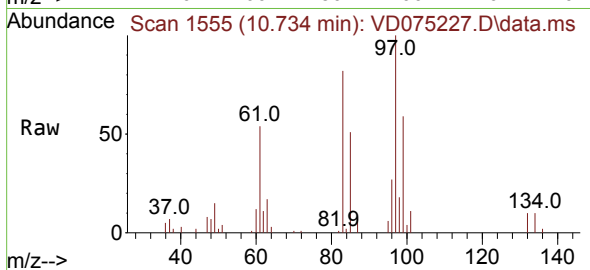
Ion Ratio Lower Upper

97 100

83 82.4 69.4 104.0

85 51.3 46.0 69.0

99 59.4 51.3 76.9



#56

Ethyl methacrylate

Concen: 60.555 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

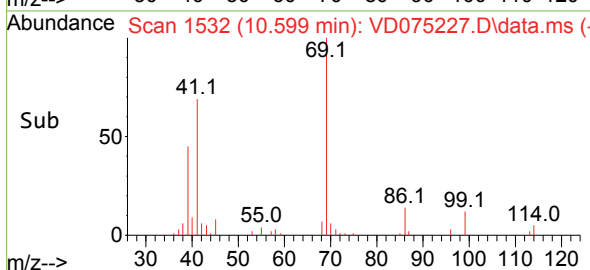
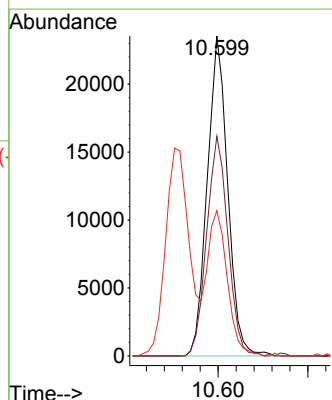
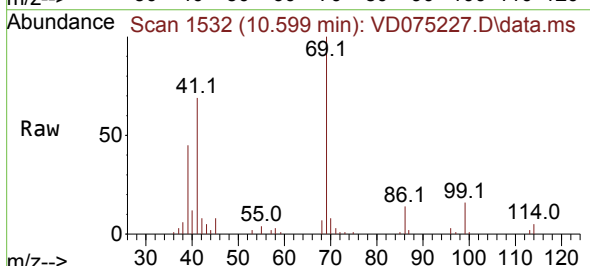
Tgt Ion: 69 Resp: 37284

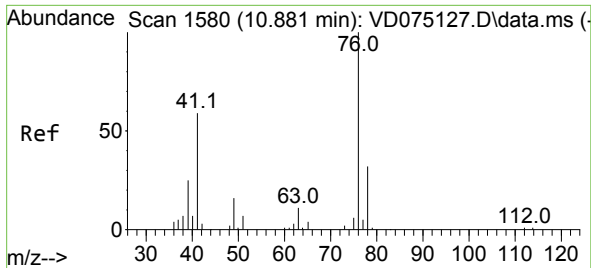
Ion Ratio Lower Upper

69 100

41 71.2 55.7 83.5

39 43.7 31.4 47.0

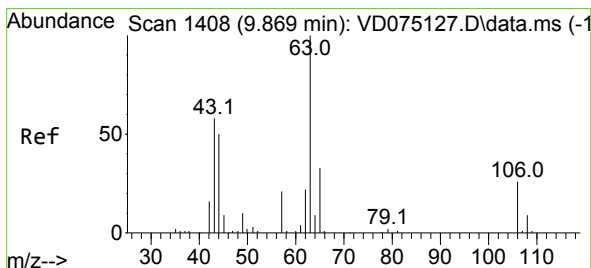
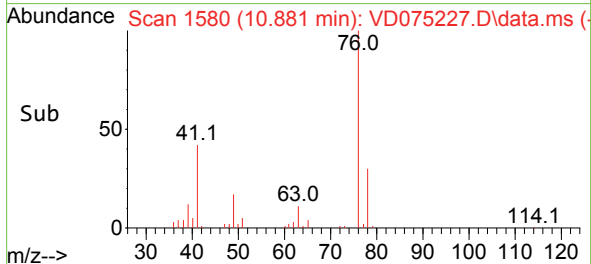
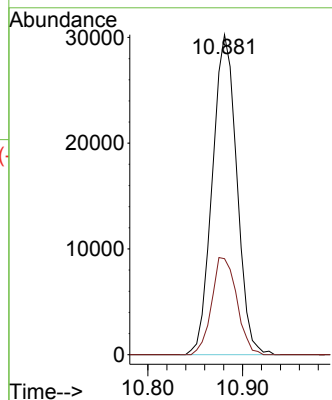
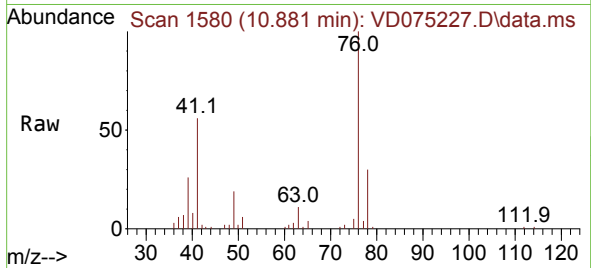




#57
1,3-Dichloropropane
Concen: 61.604 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

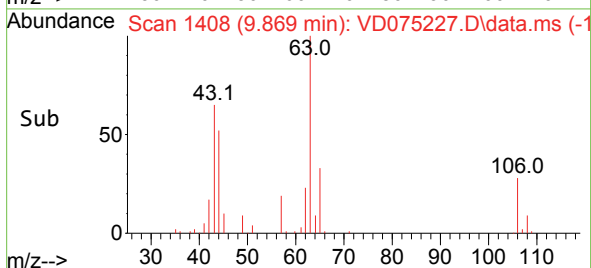
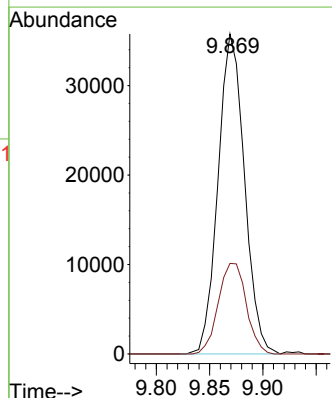
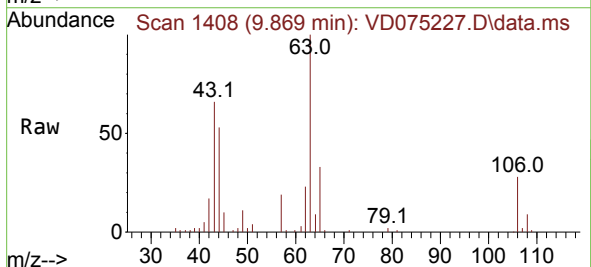
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

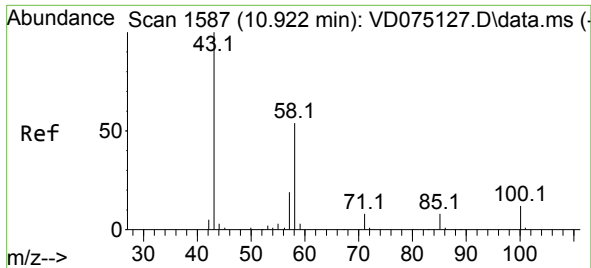
Tgt Ion: 76 Resp: 54197
Ion Ratio Lower Upper
76 100
78 31.1 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 291.961 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 63 Resp: 61511
Ion Ratio Lower Upper
63 100
106 30.0 22.6 33.8

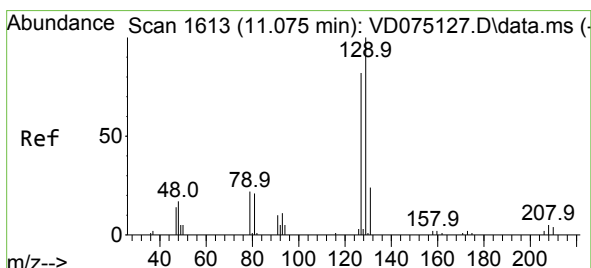
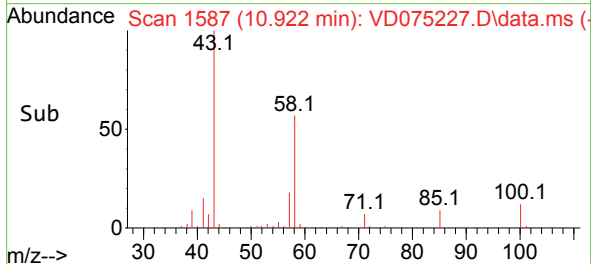
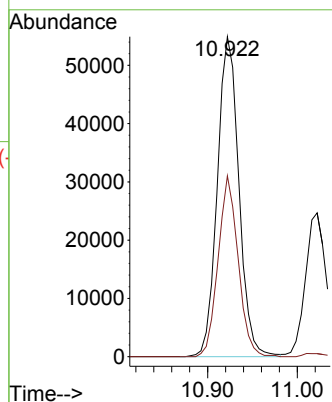
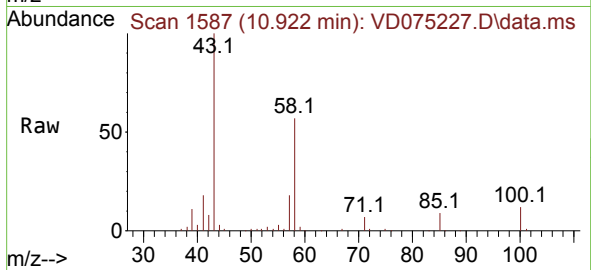




#59
2-Hexanone
Concen: 322.596 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

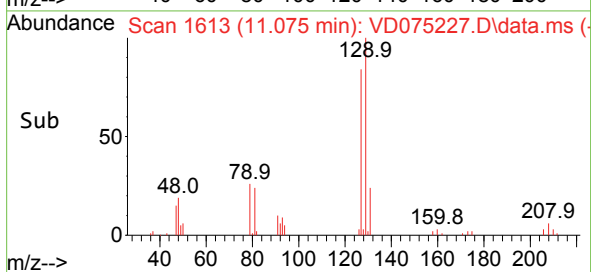
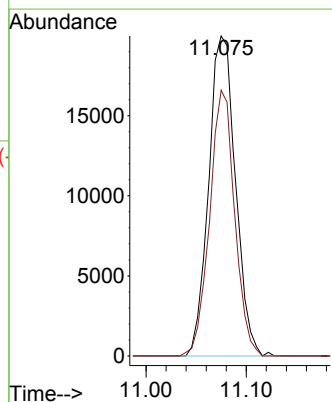
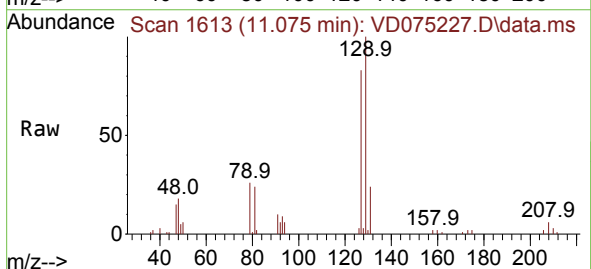
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

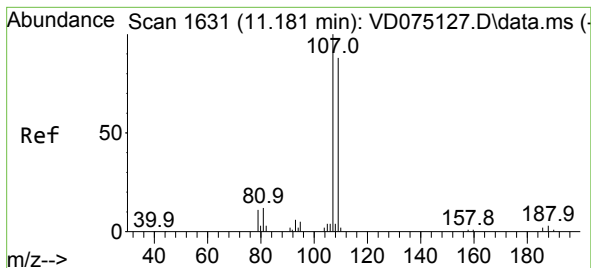
Tgt Ion: 43 Resp: 91702
Ion Ratio Lower Upper
43 100
58 52.4 26.8 80.4



#60
Dibromochloromethane
Concen: 60.240 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 129 Resp: 37174
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

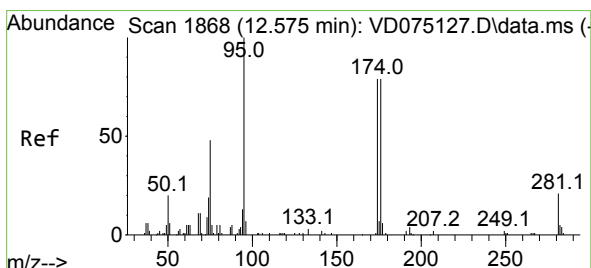
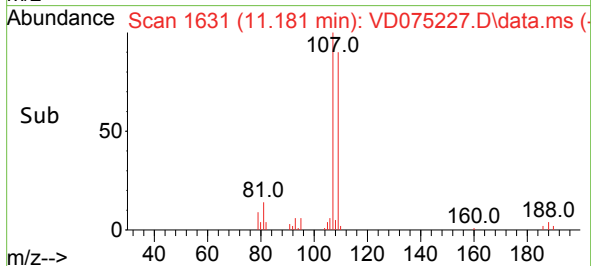
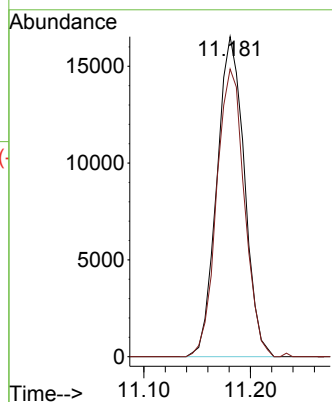
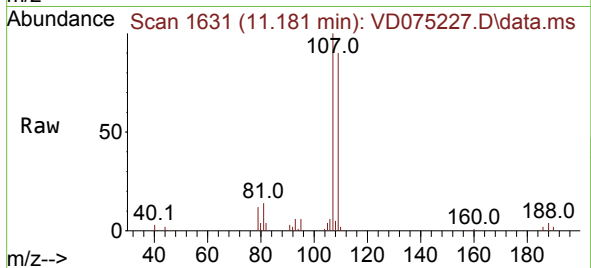




#61
1,2-Dibromoethane
Concen: 60.468 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

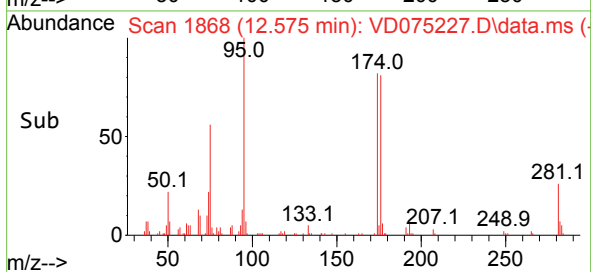
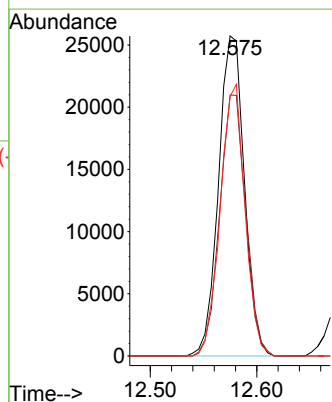
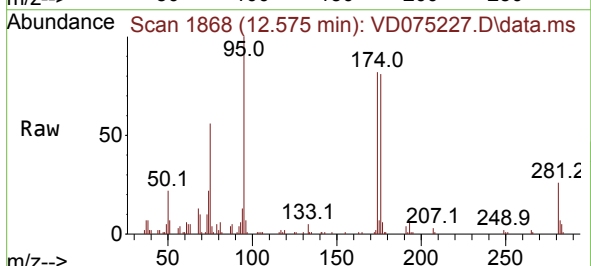
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

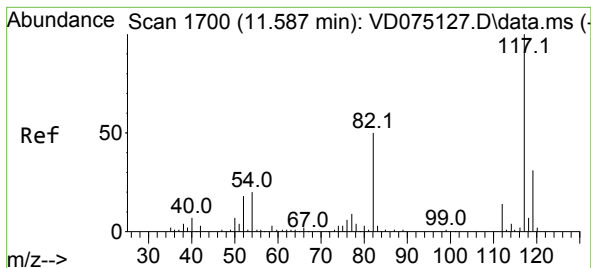
Tgt Ion:107 Resp: 29579
Ion Ratio Lower Upper
107 100
109 90.9 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.206 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 95 Resp: 43211
Ion Ratio Lower Upper
95 100
174 82.7 0.0 161.2
176 81.3 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

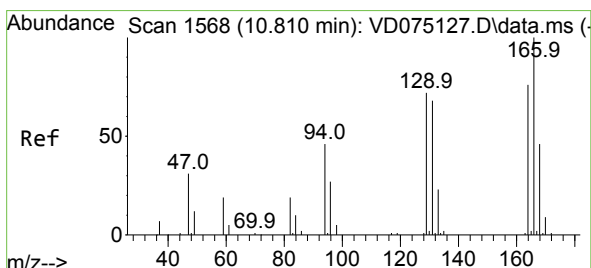
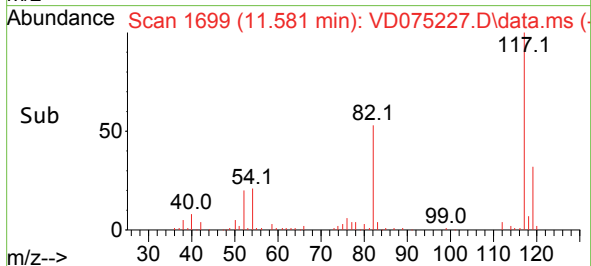
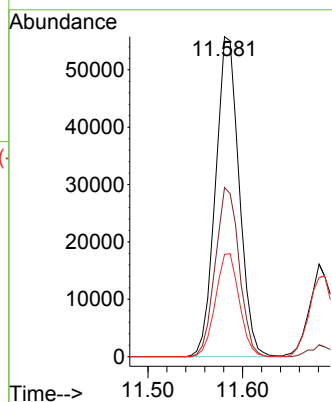
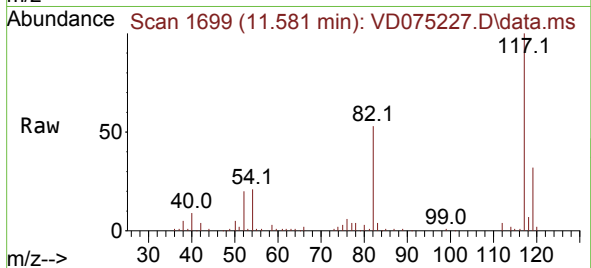
Tgt Ion:117 Resp: 96645

Ion Ratio Lower Upper

117 100

82 52.9 39.6 59.4

119 31.9 24.6 37.0



#64

Tetrachloroethene

Concen: 53.164 ug/l

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Tgt Ion:164 Resp: 36691

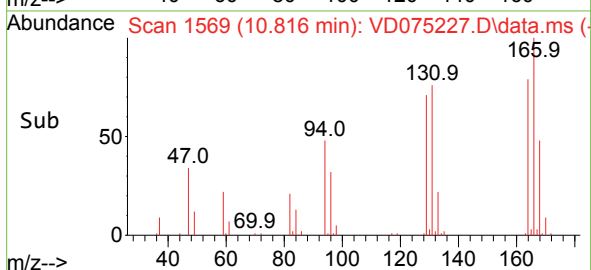
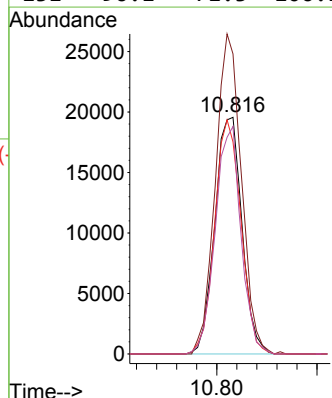
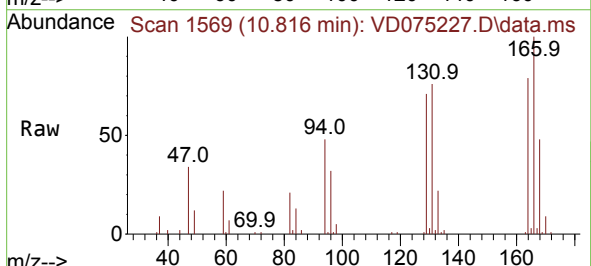
Ion Ratio Lower Upper

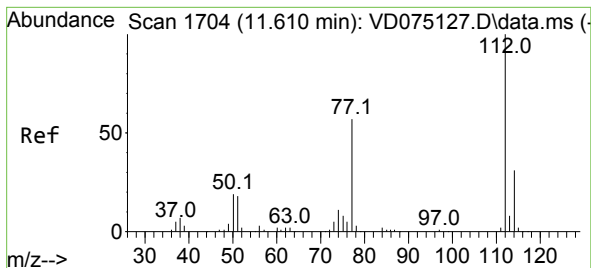
164 100

166 126.8 105.3 157.9

129 89.6 76.2 114.4

131 96.1 71.3 106.9





#65

Chlorobenzene

Concen: 56.771 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

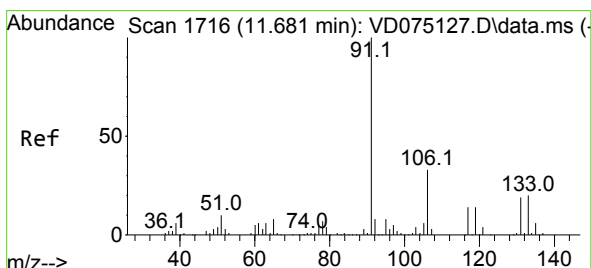
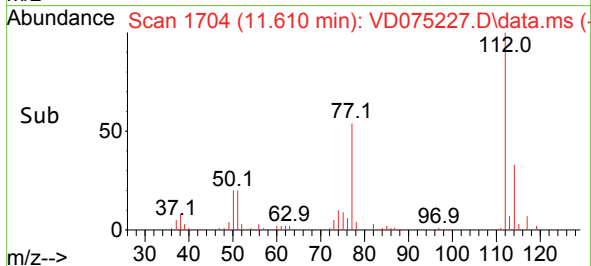
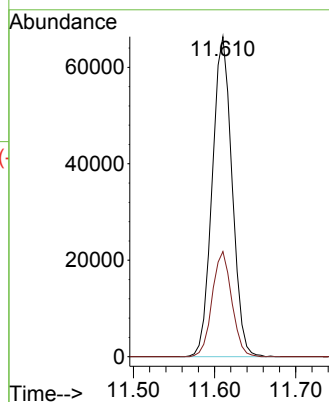
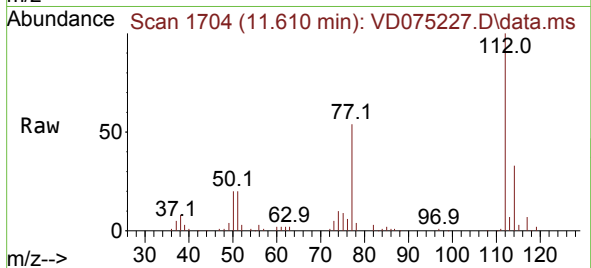
VSTDCCC050EC

Tgt Ion:112 Resp: 112427

Ion Ratio Lower Upper

112 100

114 32.9 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 59.197 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

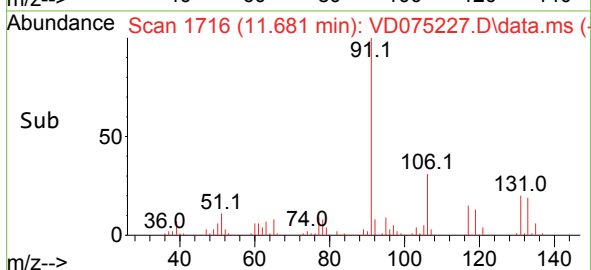
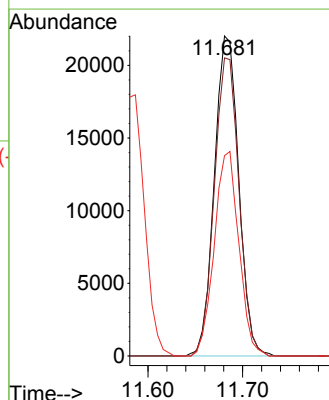
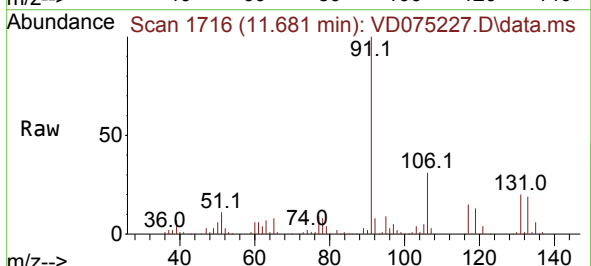
Tgt Ion:131 Resp: 39432

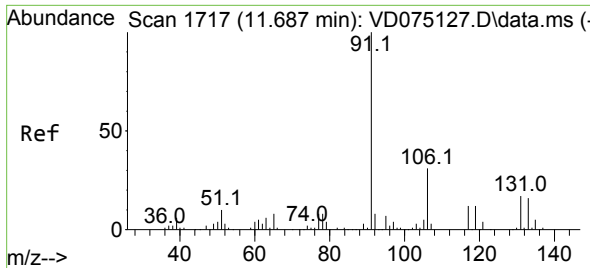
Ion Ratio Lower Upper

131 100

133 94.4 49.0 147.2

119 64.5 34.8 104.5

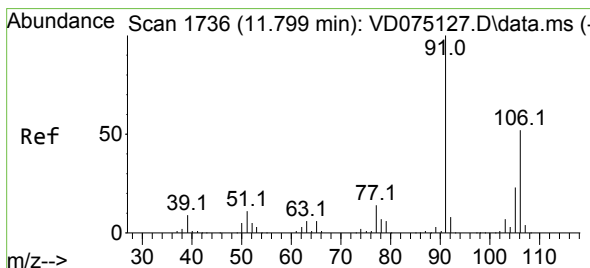
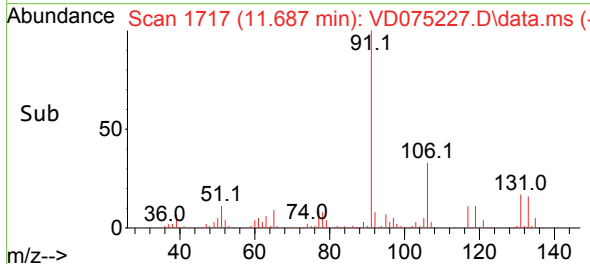
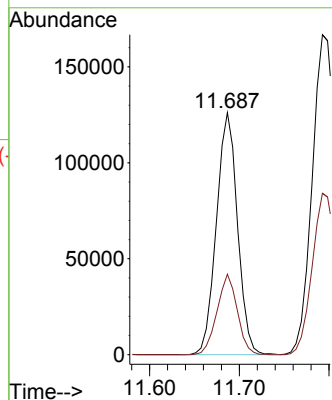
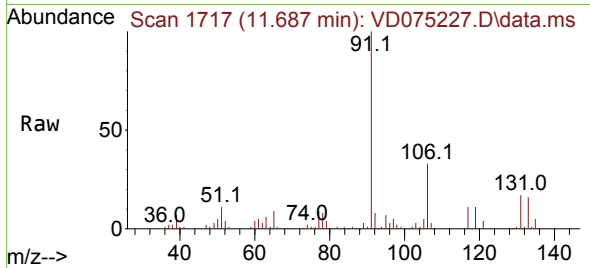




#67
Ethyl Benzene
Concen: 57.670 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

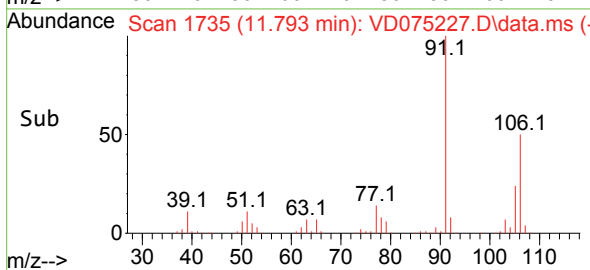
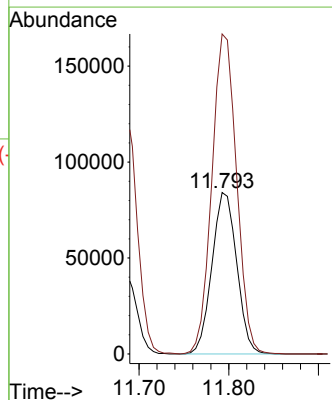
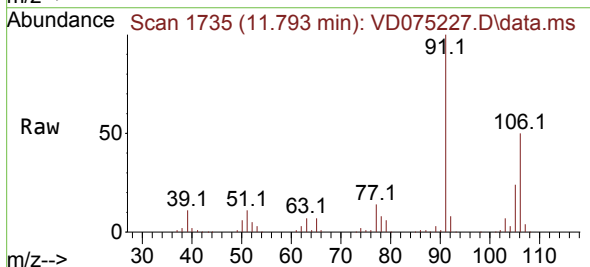
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

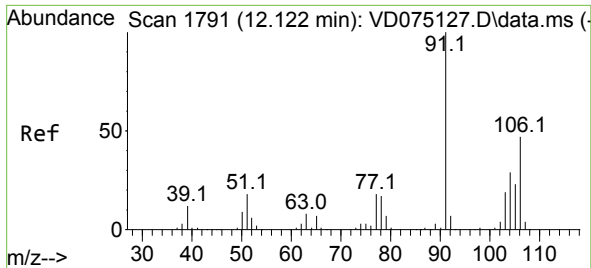
Tgt Ion: 91 Resp: 205577
Ion Ratio Lower Upper
91 100
106 33.3 25.0 37.6



#68
m/p-Xylenes
Concen: 117.017 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion:106 Resp: 161140
Ion Ratio Lower Upper
106 100
91 197.9 160.3 240.5

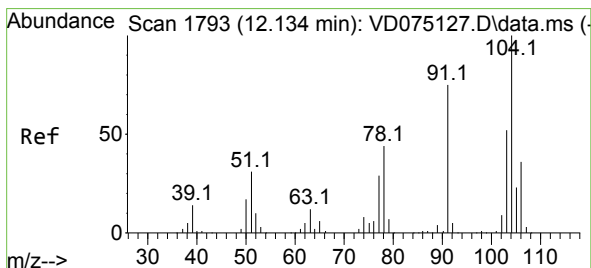
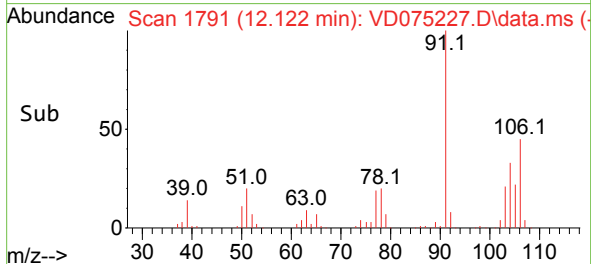
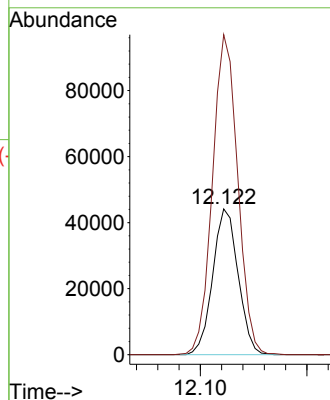
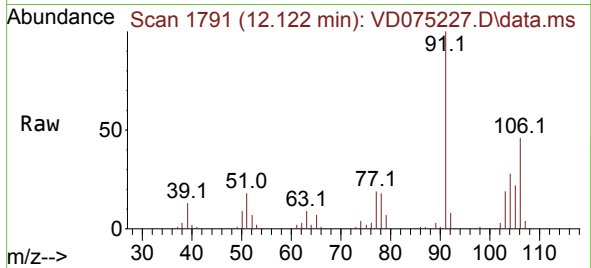




#69
o-Xylene
Concen: 56.546 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

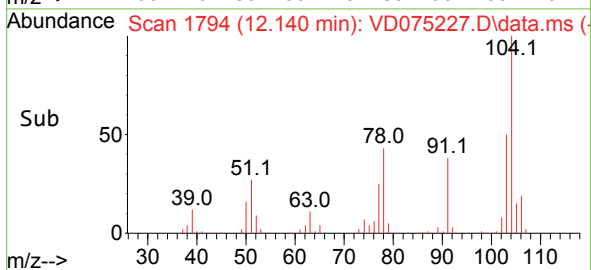
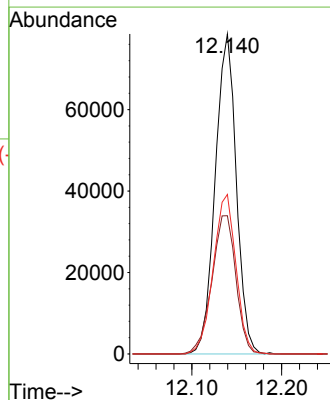
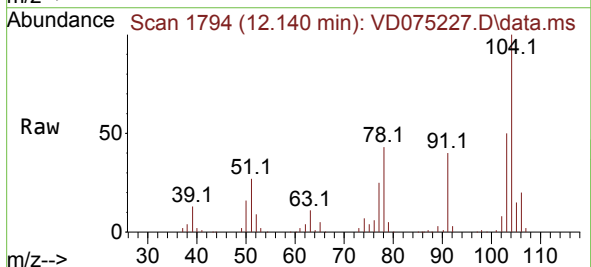
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

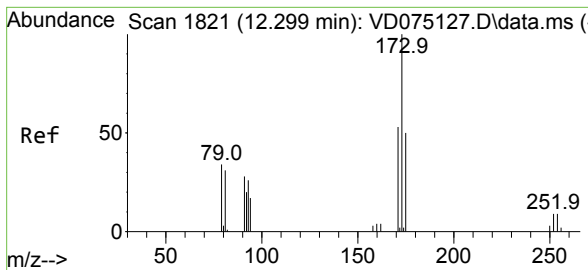
Tgt Ion:106 Resp: 73041
Ion Ratio Lower Upper
106 100
91 218.2 103.6 310.9



#70
Styrene
Concen: 59.612 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion:104 Resp: 128006
Ion Ratio Lower Upper
104 100
78 49.5 38.9 58.3
103 53.8 43.6 65.4





#71

Bromoform

Concen: 61.947 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

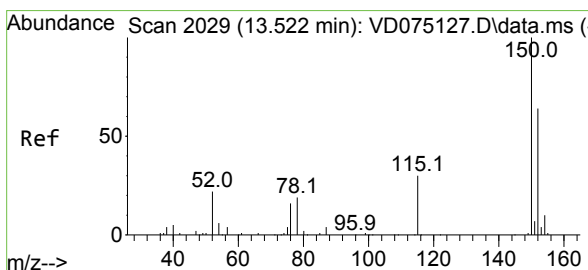
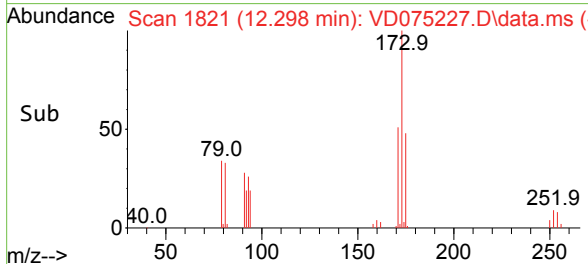
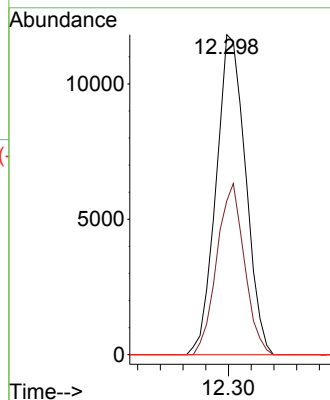
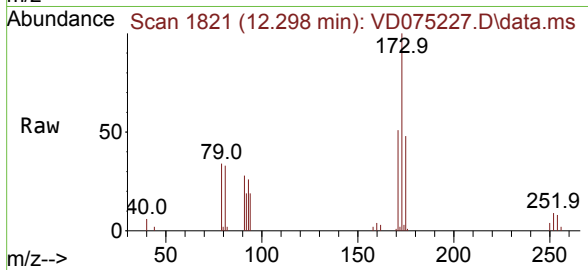
Tgt Ion:173 Resp: 21307

Ion Ratio Lower Upper

173 100

175 50.0 25.4 76.0

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: VD075227.D

Acq: 27 Jan 2023 16:23

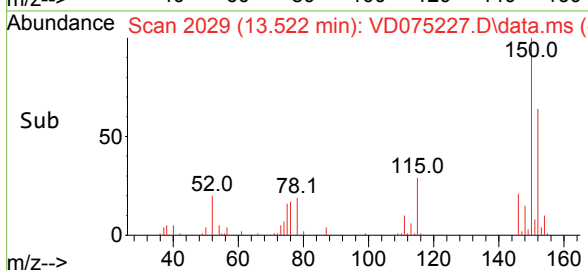
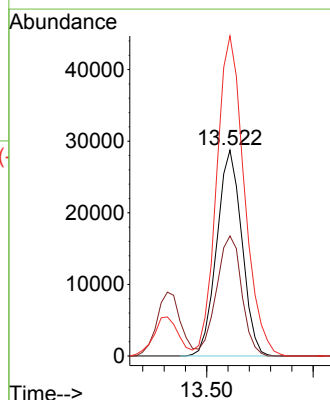
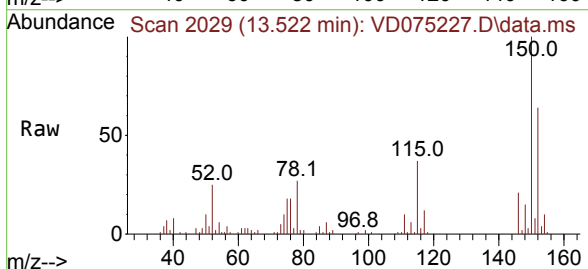
Tgt Ion:152 Resp: 46956

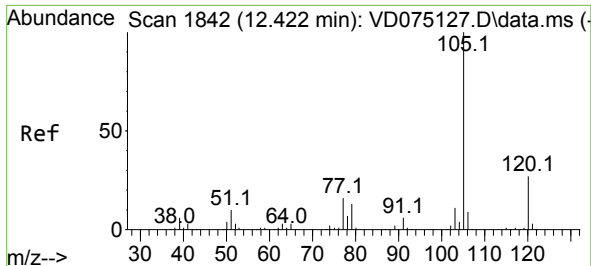
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.4

150 172.0 0.0 348.6

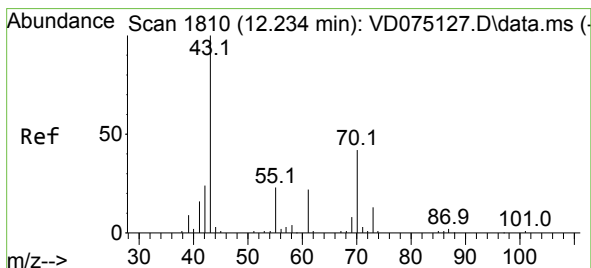
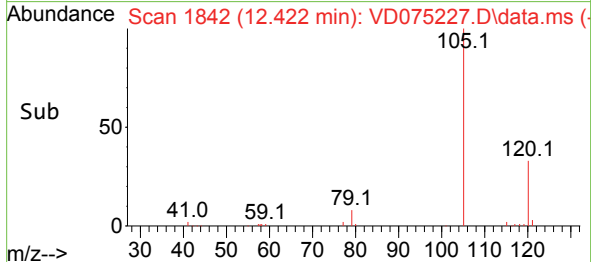
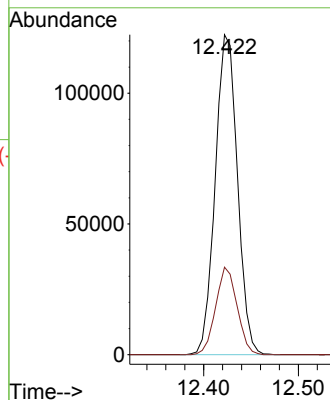
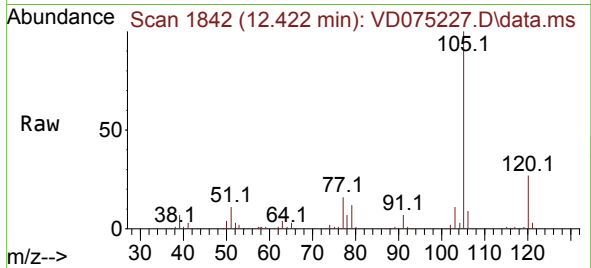




#73
Isopropylbenzene
Concen: 53.793 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

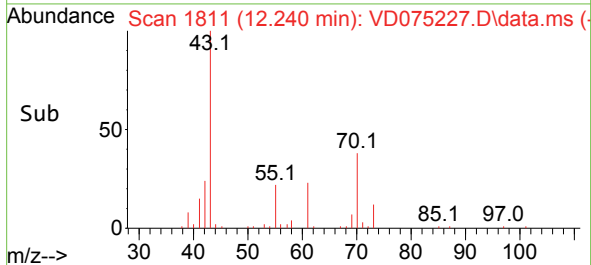
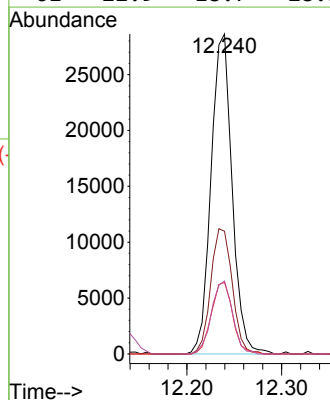
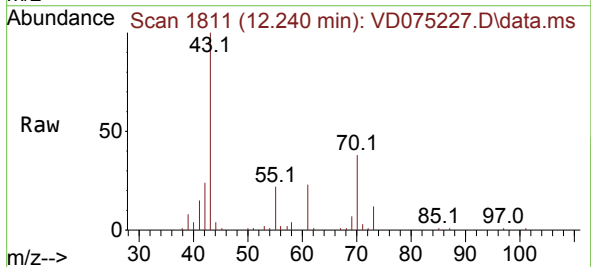
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

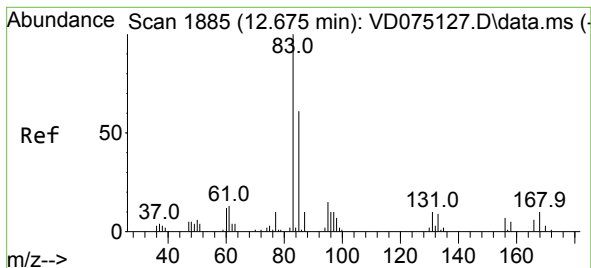
Tgt Ion:105 Resp: 199521
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.1



#74
N-ethyl acetate
Concen: 54.345 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 43 Resp: 44154
Ion Ratio Lower Upper
43 100
70 40.0 32.6 49.0
55 22.7 17.8 26.8
61 22.9 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 56.401 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

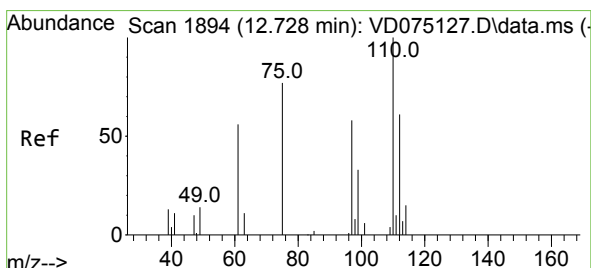
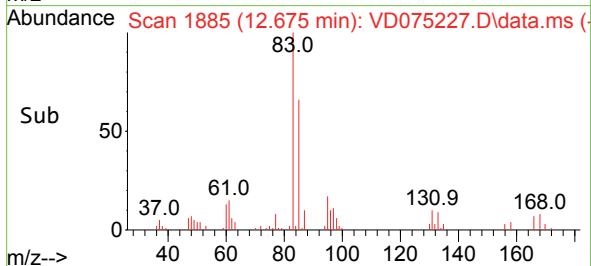
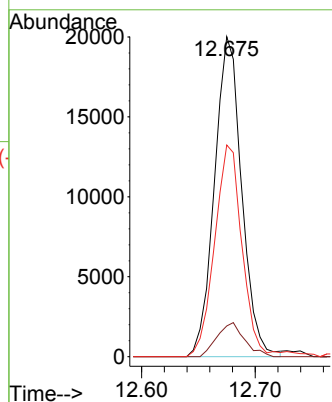
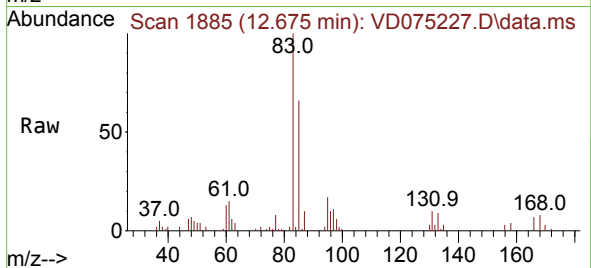
Tgt Ion: 83 Resp: 33330

Ion Ratio Lower Upper

83 100

131 10.7 4.9 14.6

85 67.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 107.279 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075227.D

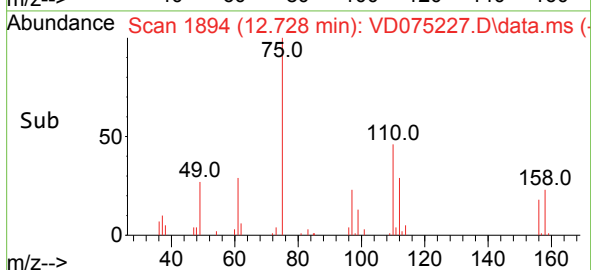
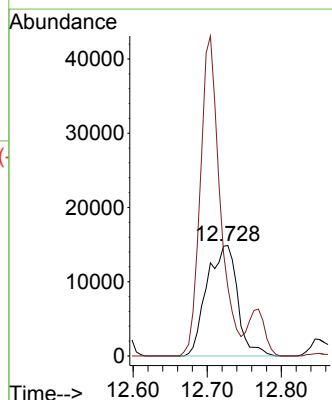
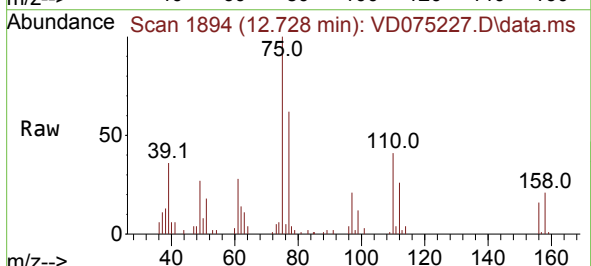
Acq: 27 Jan 2023 16:23

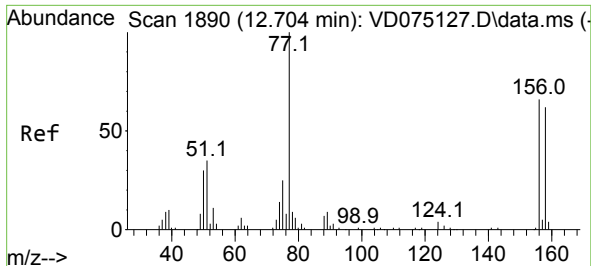
Tgt Ion: 75 Resp: 42663

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

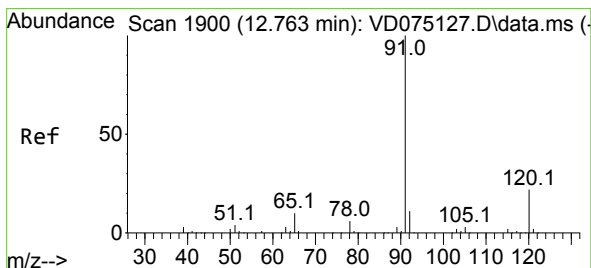
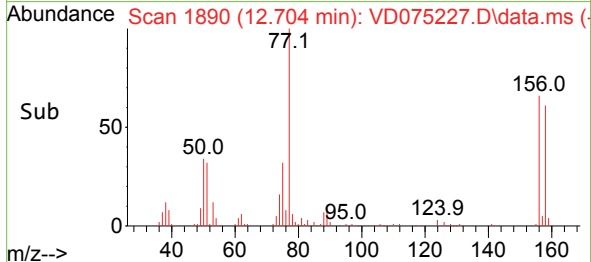
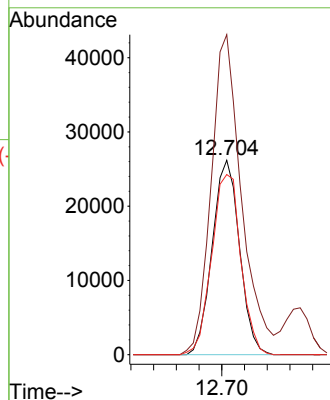
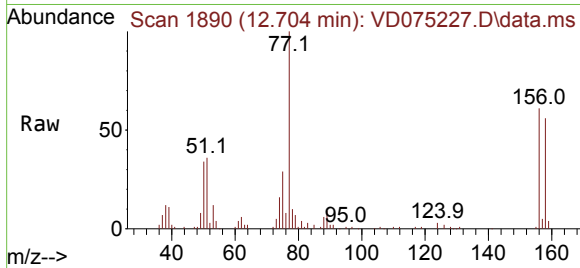




#77
Bromobenzene
Concen: 51.633 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

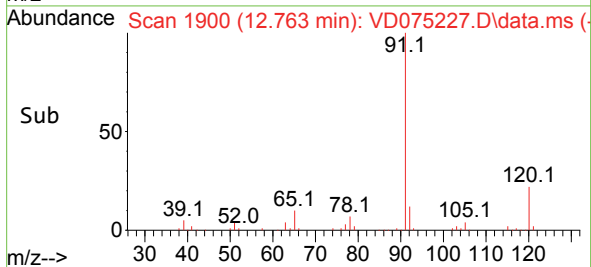
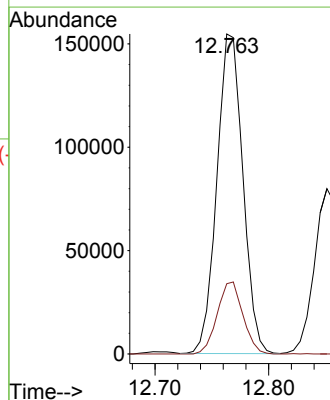
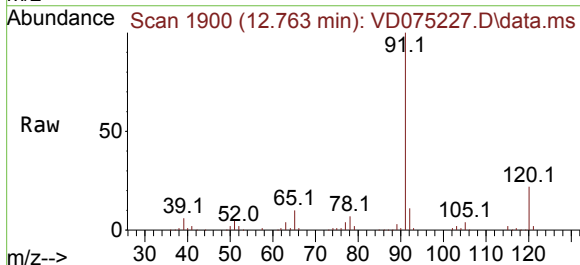
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

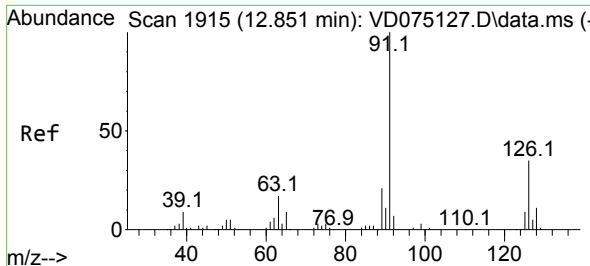
Tgt Ion:156 Resp: 43743
Ion Ratio Lower Upper
156 100
77 182.6 85.6 256.8
158 98.8 47.3 141.9



#78
n-propylbenzene
Concen: 53.970 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 91 Resp: 245984
Ion Ratio Lower Upper
91 100
120 22.2 11.7 35.0

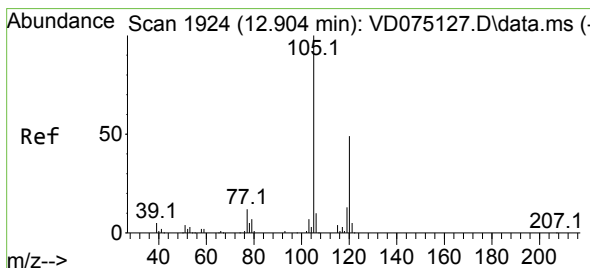
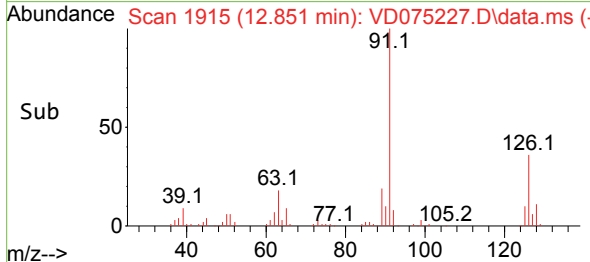
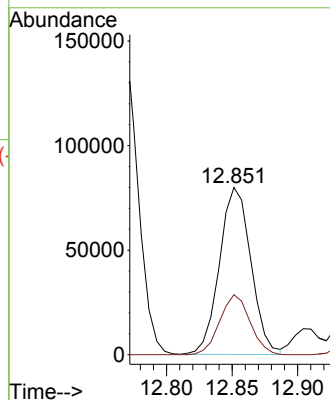
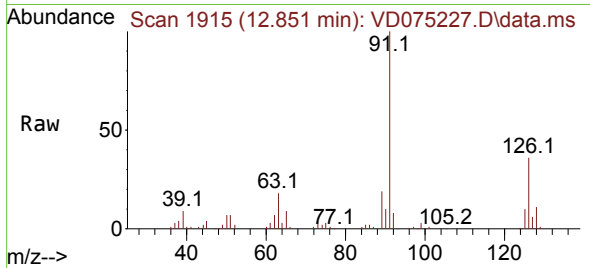




#79
2-Chlorotoluene
Concen: 53.195 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

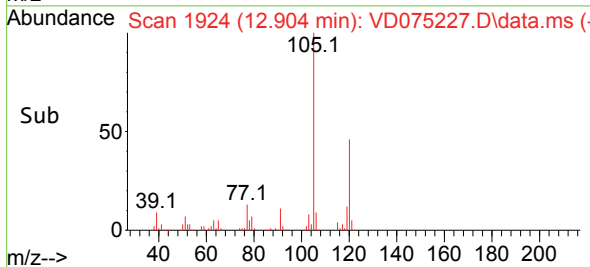
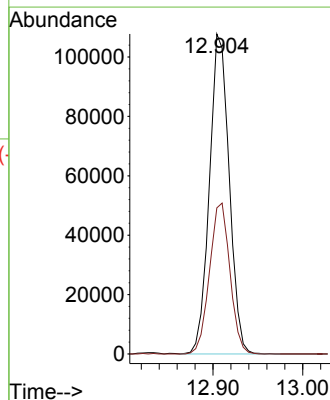
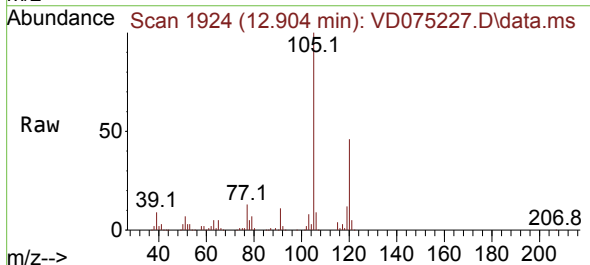
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

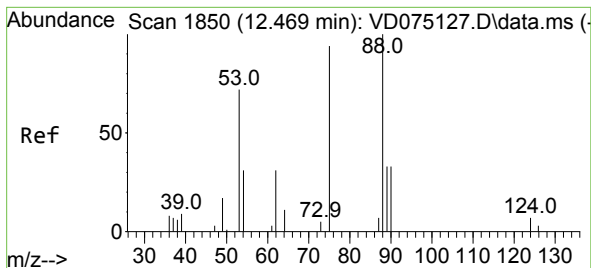
Tgt Ion: 91 Resp: 133344
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 54.172 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 105 Resp: 164618
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.8

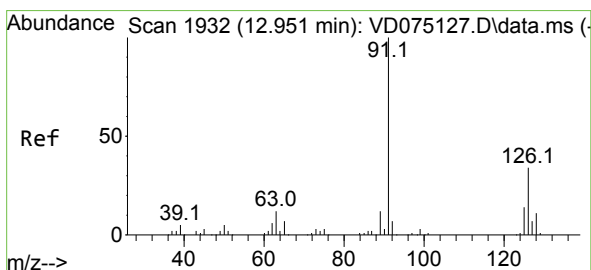
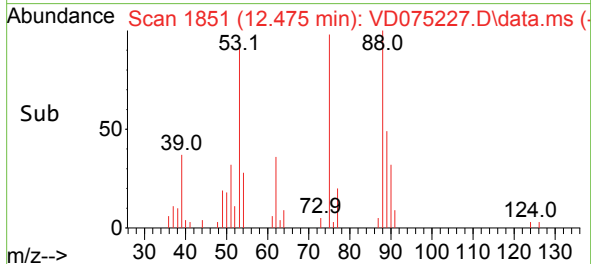
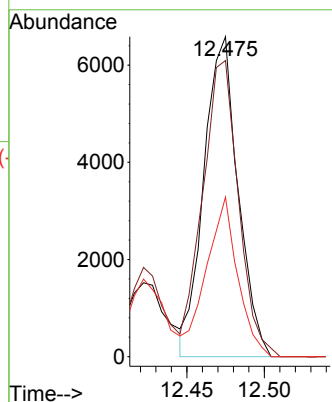
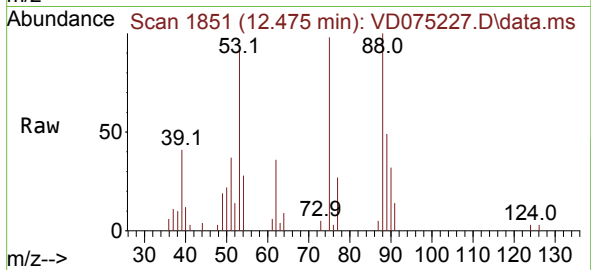




#81
trans-1,4-Dichloro-2-butene
Concen: 58.718 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

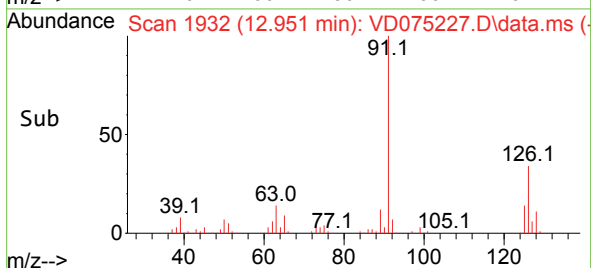
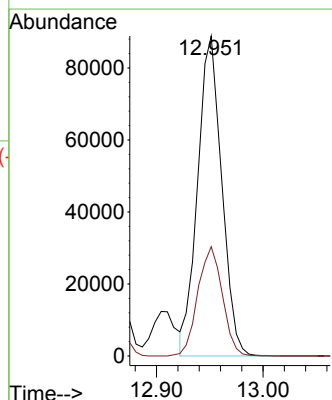
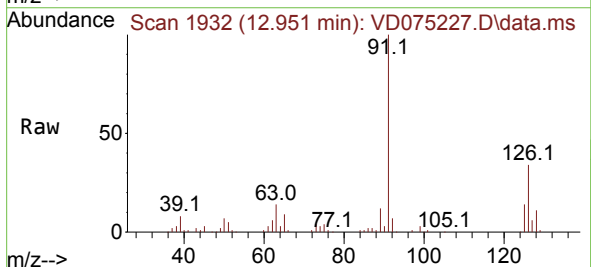
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

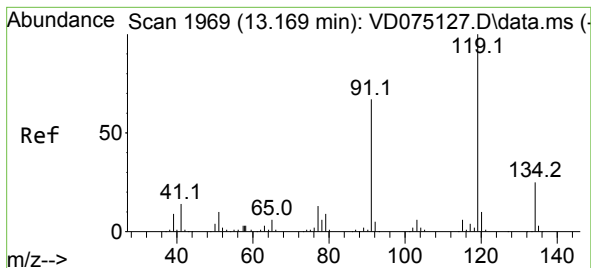
Tgt Ion: 75 Resp: 10067
Ion Ratio Lower Upper
75 100
53 97.0 70.5 105.7
89 45.9 34.6 52.0



#82
4-Chlorotoluene
Concen: 54.279 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 91 Resp: 139892
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0

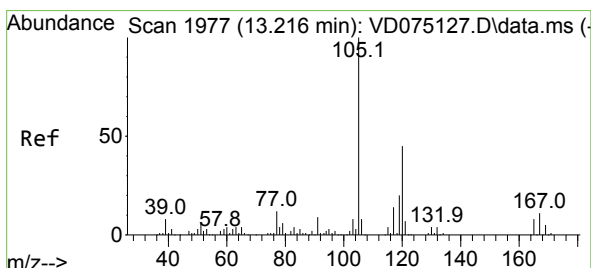
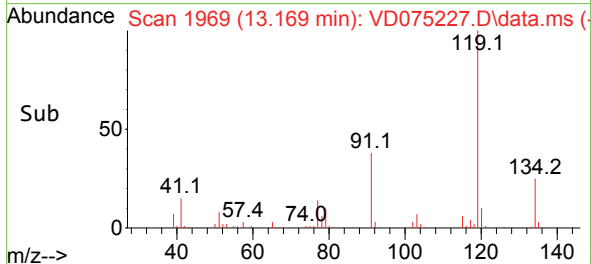
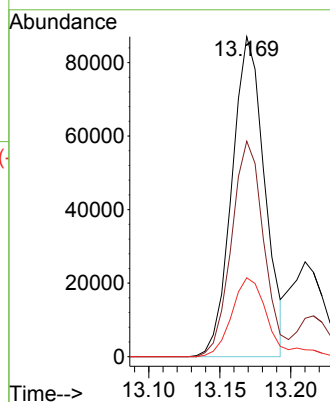
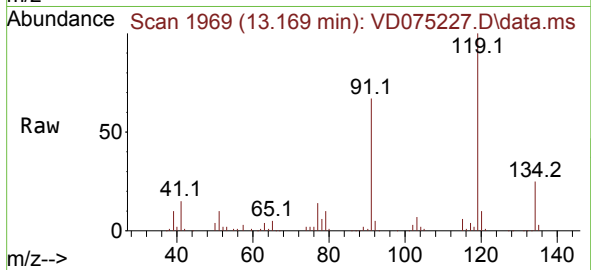




#83
tert-Butylbenzene
Concen: 53.046 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

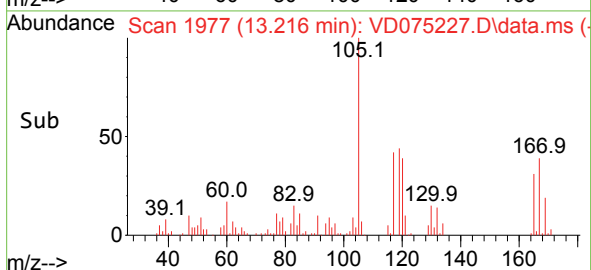
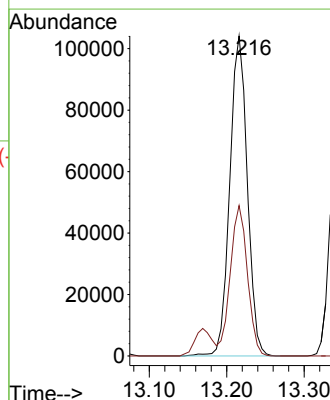
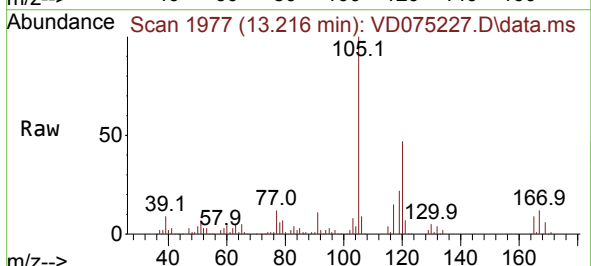
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

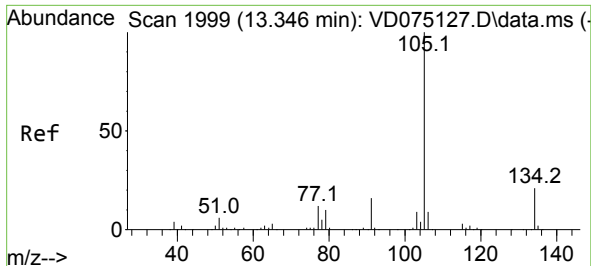
Tgt Ion:119 Resp: 139476
Ion Ratio Lower Upper
119 100
91 66.8 32.9 98.6
134 27.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 54.855 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion:105 Resp: 163703
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.5

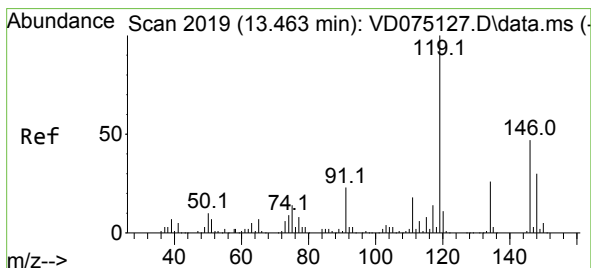
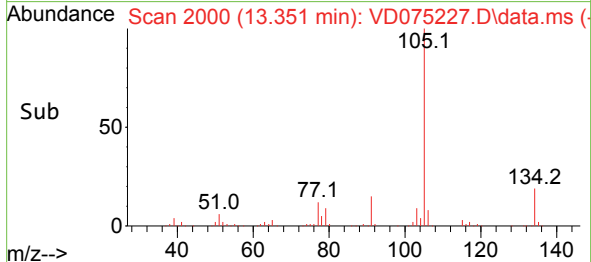
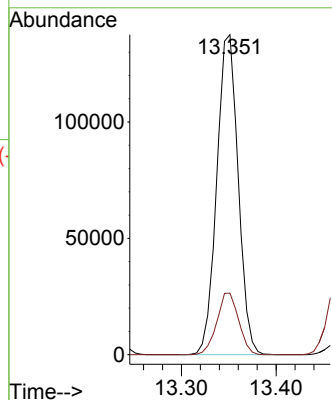
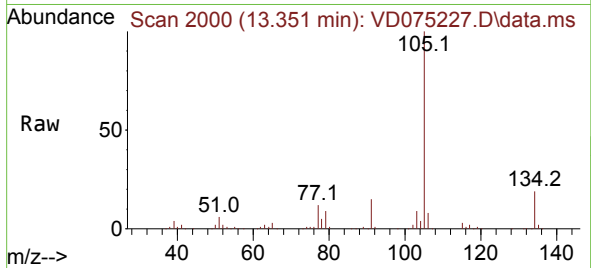




#85
 sec-Butylbenzene
 Concen: 54.188 ug/l
 RT: 13.351 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD075227.D
 Acq: 27 Jan 2023 16:23

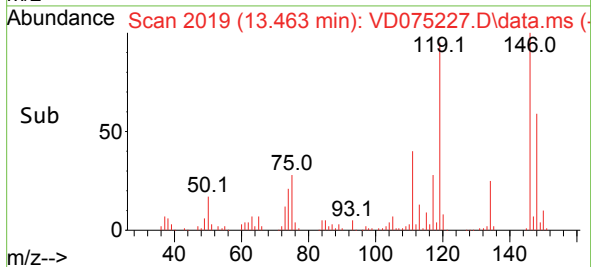
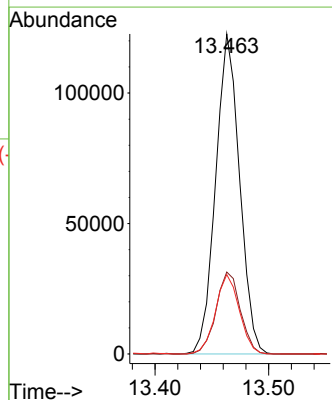
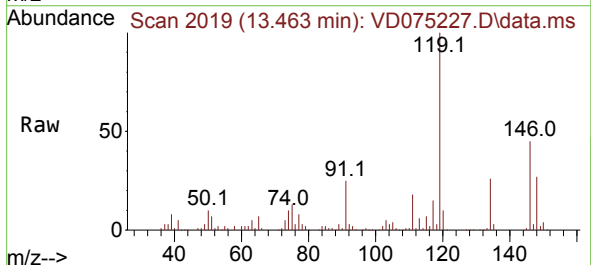
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

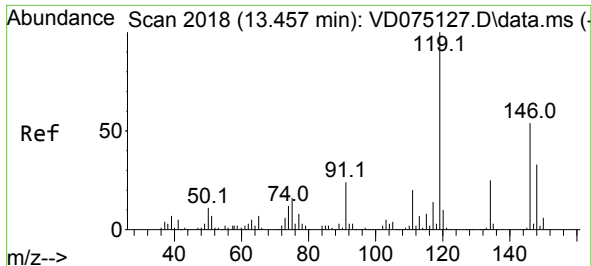
Tgt Ion:105 Resp: 216438
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 54.862 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075227.D
 Acq: 27 Jan 2023 16:23

Tgt Ion:119 Resp: 179403
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 24.7 11.9 35.5

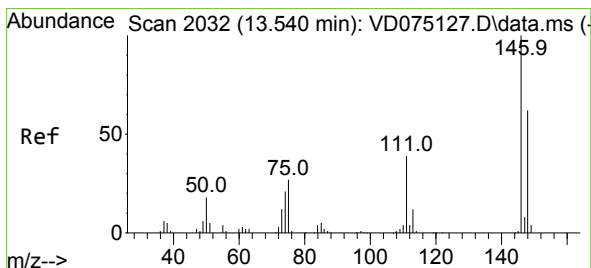
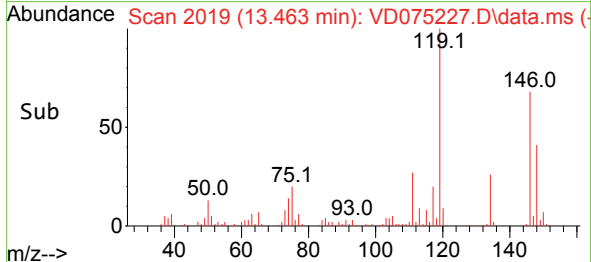
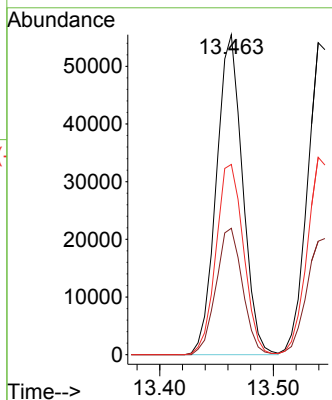
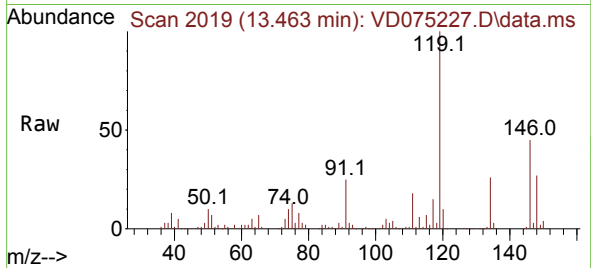




#87
1,3-Dichlorobenzene
Concen: 54.108 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

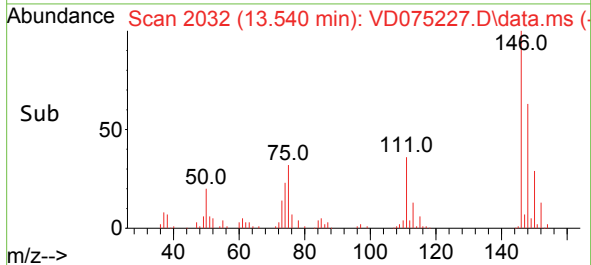
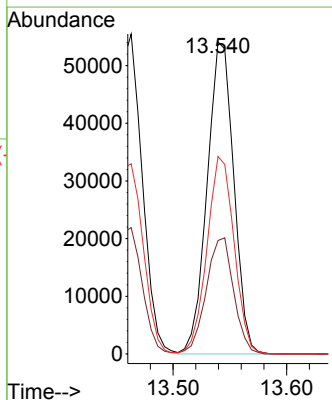
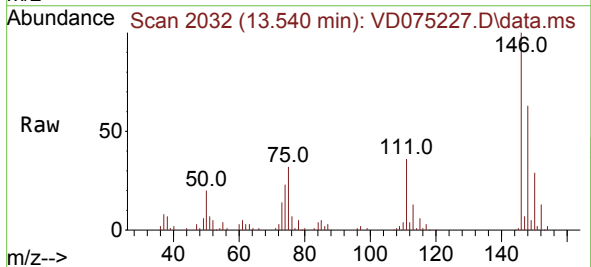
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

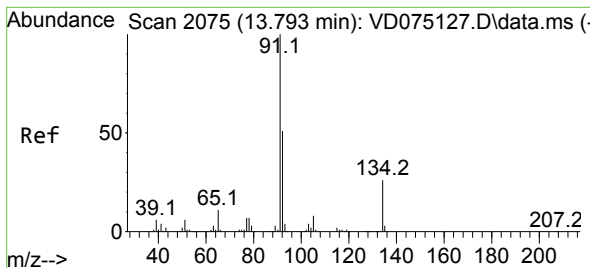
Tgt Ion:146 Resp: 88857
Ion Ratio Lower Upper
146 100
111 40.1 18.9 56.9
148 62.5 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 54.598 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion:146 Resp: 88215
Ion Ratio Lower Upper
146 100
111 38.4 19.7 59.1
148 64.5 31.9 95.5

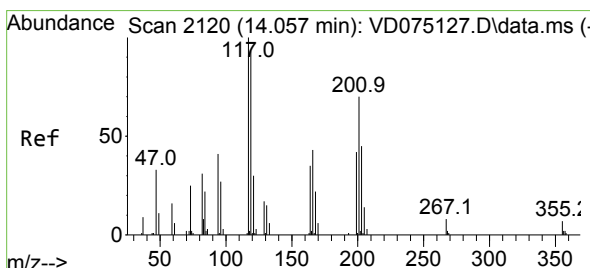
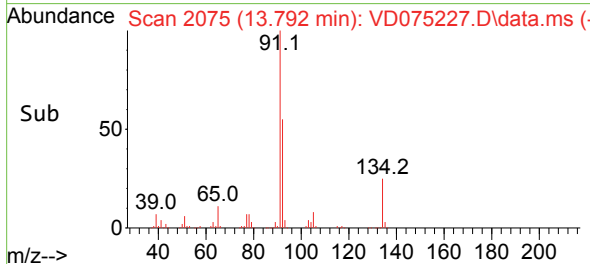
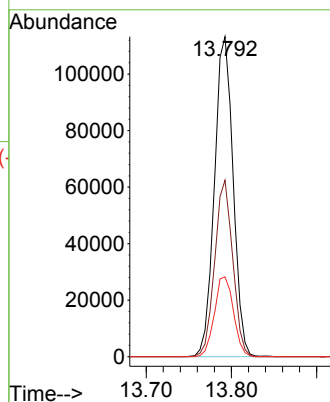
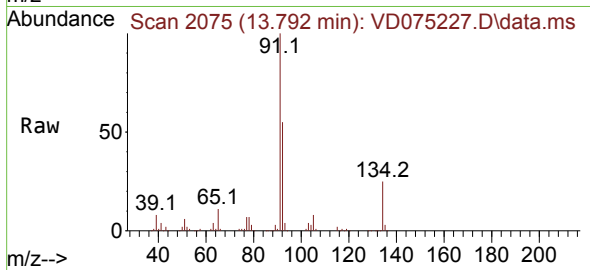




#89
n-Butylbenzene
Concen: 54.107 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

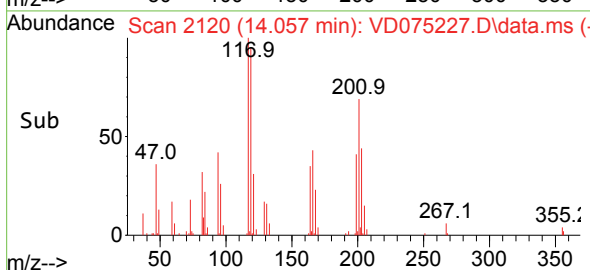
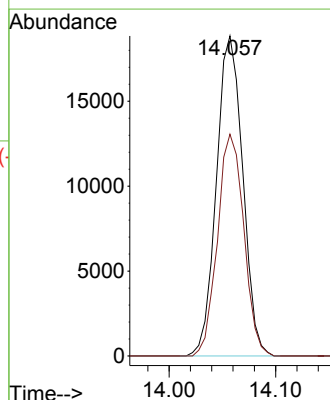
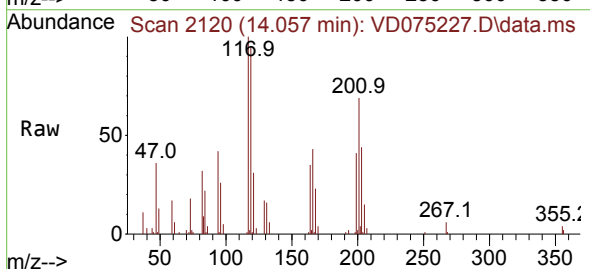
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

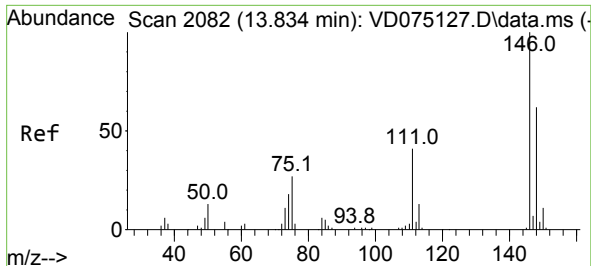
Tgt Ion: 91 Resp: 172412
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.3
134 25.5 13.3 39.8



#90
Hexachloroethane
Concen: 55.976 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion: 117 Resp: 32324
Ion Ratio Lower Upper
117 100
201 69.3 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 55.426 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

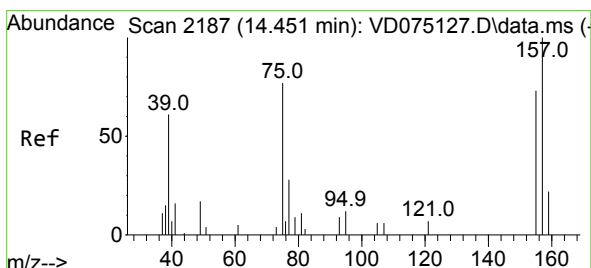
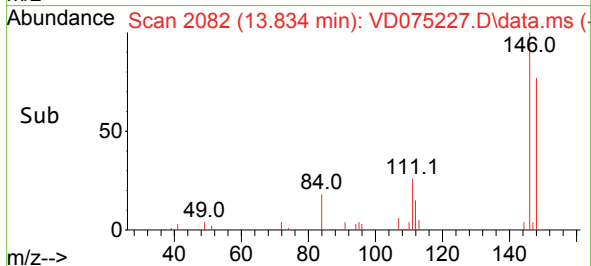
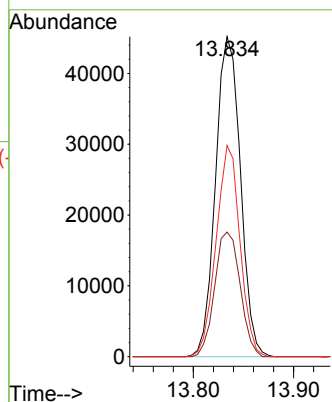
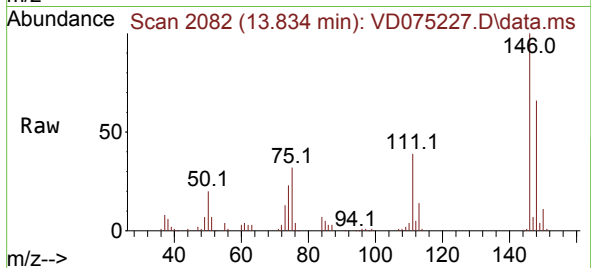
Tgt Ion:146 Resp: 77872

Ion Ratio Lower Upper

146 100

111 39.9 20.4 61.2

148 63.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.708 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

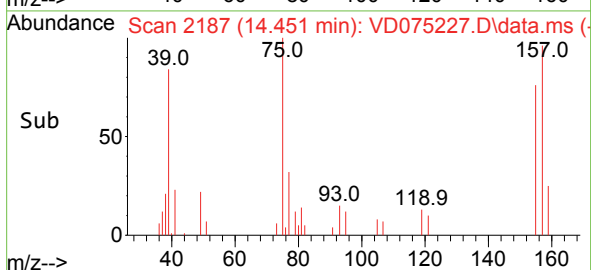
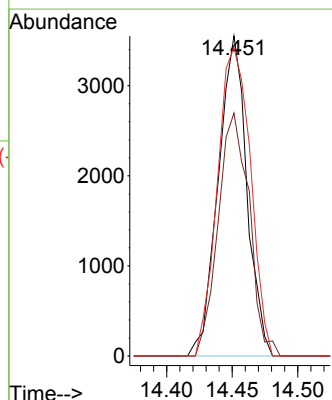
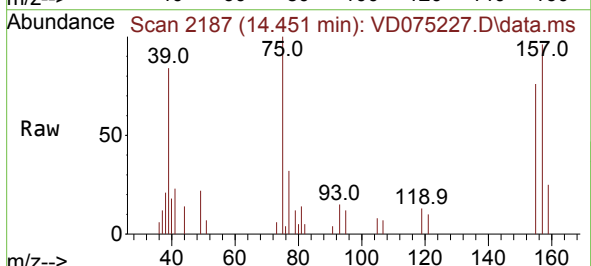
Tgt Ion: 75 Resp: 5395

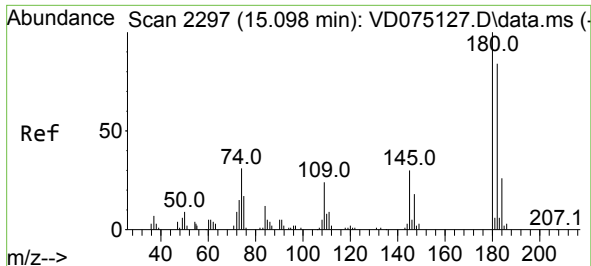
Ion Ratio Lower Upper

75 100

155 82.0 43.4 130.2

157 111.3 56.4 169.2

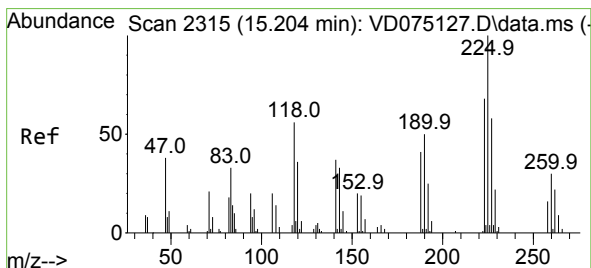
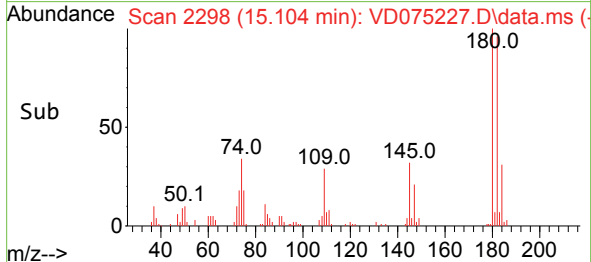
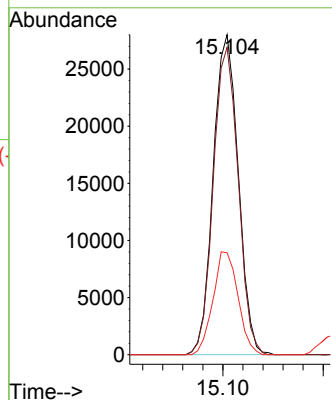
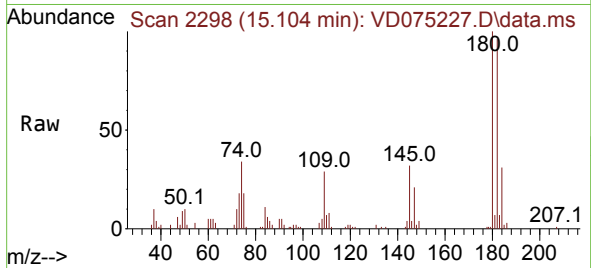




#93
1,2,4-Trichlorobenzene
Concen: 52.660 ug/l
RT: 15.104 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

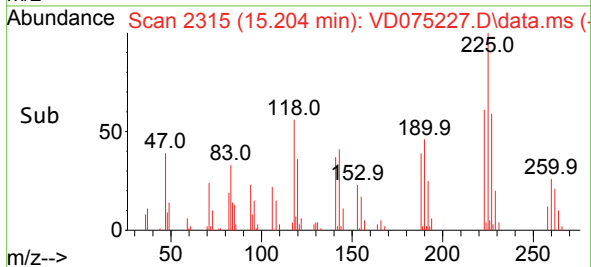
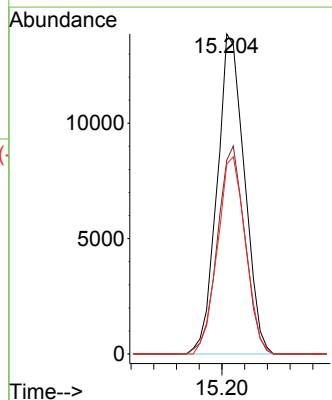
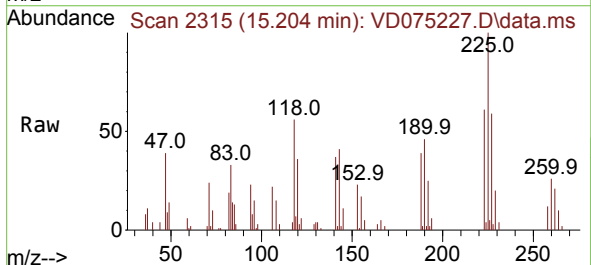
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

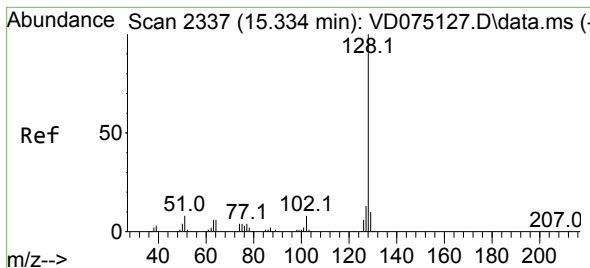
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.2	138.6
145	32.1	15.8	47.4



#94
Hexachlorobutadiene
Concen: 51.202 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD075227.D
Acq: 27 Jan 2023 16:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.8	95.4
227	63.2	30.7	92.1





#95

Naphthalene

Concen: 51.752 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

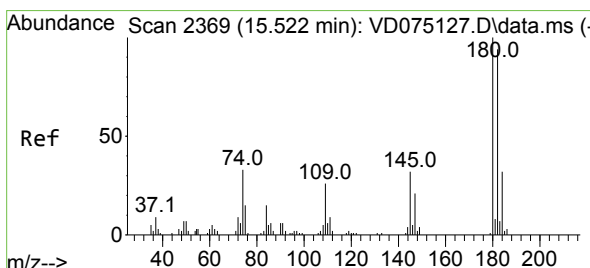
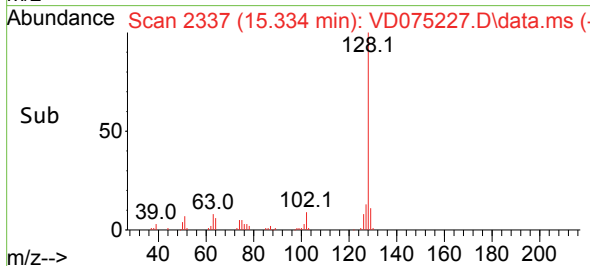
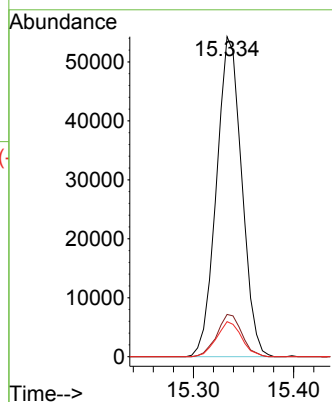
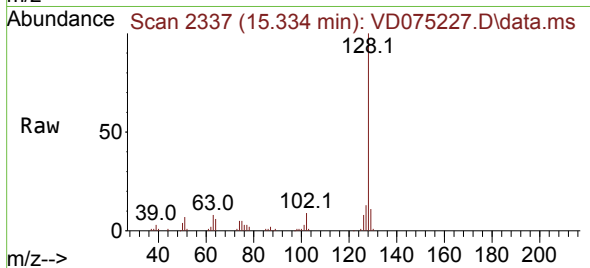
Tgt Ion:128 Resp: 95049

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.039 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075227.D

Acq: 27 Jan 2023 16:23

Tgt Ion:180 Resp: 42541

Ion Ratio Lower Upper

180 100

182 90.7 47.0 141.0

145 32.7 16.1 48.3

