

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075286.D
 Acq On : 09 Feb 2023 11:08
 Operator : KP/SY
 Sample : VD0209SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

Quant Time: Feb 10 01:58:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	51965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	86241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	77614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	39974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31011	50.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.780%	
35) Dibromofluoromethane	7.811	113	31131	51.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.960%	
50) Toluene-d8	10.269	98	113269	49.391	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	12.575	95	38238	50.567	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	10352	22.796	ug/l	99
3) Chloromethane	2.146	50	17325	20.802	ug/l	94
4) Vinyl Chloride	2.281	62	17341	20.059	ug/l	93
5) Bromomethane	2.681	94	10946	19.789	ug/l	98
6) Chloroethane	2.834	64	11339	19.012	ug/l	93
7) Trichlorofluoromethane	3.175	101	21677	20.166	ug/l	93
8) Diethyl Ether	3.593	74	5482	18.971	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.975	101	12809	20.999	ug/l	99
10) Methyl Iodide	4.170	142	12564	18.684	ug/l	95
11) Tert butyl alcohol	5.052	59	3120	78.878	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	11579	19.908	ug/l	94
13) Acrolein	3.805	56	2838	131.139	ug/l	94
14) Allyl chloride	4.570	41	18699	19.324	ug/l	90
15) Acrylonitrile	5.258	53	13443	95.251	ug/l	97
16) Acetone	4.028	43	15512	96.276	ug/l	91
17) Carbon Disulfide	4.270	76	36260	20.208	ug/l	97
18) Methyl Acetate	4.564	43	9077	19.444	ug/l #	72
19) Methyl tert-butyl Ether	5.317	73	25575	19.153	ug/l #	90
20) Methylene Chloride	4.805	84	16312	20.465	ug/l	96
21) trans-1,2-Dichloroethene	5.317	96	13899	21.118	ug/l	91
22) Diisopropyl ether	6.222	45	38391	19.946	ug/l	97
23) Vinyl Acetate	6.164	43	48319	86.576	ug/l	96
24) 1,1-Dichloroethane	6.111	63	24315	20.262	ug/l	99
25) 2-Butanone	7.081	43	18035	90.338	ug/l	96
26) 2,2-Dichloropropane	7.081	77	21399	20.146	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	14759	20.044	ug/l	99
28) Bromochloromethane	7.422	49	7297	22.162	ug/l #	93
29) Tetrahydrofuran	7.446	42	10631	98.890	ug/l	98
30) Chloroform	7.599	83	25320	20.500	ug/l	100
31) Cyclohexane	7.875	56	21275	19.663	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	22540	20.401	ug/l	98
36) 1,1-Dichloropropene	8.005	75	19057	20.230	ug/l	98
37) Ethyl Acetate	7.169	43	8086	19.682	ug/l #	72
38) Carbon Tetrachloride	7.993	117	16983	19.456	ug/l	99
39) Methylcyclohexane	9.269	83	21463	19.684	ug/l	98
40) Benzene	8.258	78	53899	20.358	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3933	16.048	ug/l	94
42) 1,2-Dichloroethane	8.322	62	15615	20.372	ug/l	100
43) Isopropyl Acetate	8.358	43	14715	18.745	ug/l #	82
44) Trichloroethene	9.028	130	14211	19.472	ug/l	99
45) 1,2-Dichloropropane	9.310	63	14064	20.917	ug/l	99
46) Dibromomethane	9.399	93	7070	18.974	ug/l	98
47) Bromodichloromethane	9.587	83	19034	20.525	ug/l #	94
48) Methyl methacrylate	9.381	41	7184	19.270	ug/l	92
49) 1,4-Dioxane	9.387	88	1381	399.841	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	36198	91.209	ug/l	99
52) Toluene	10.334	92	34627	20.765	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	15199	18.921	ug/l	91
54) cis-1,3-Dichloropropene	10.022	75	18937	19.718	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	10061	21.152	ug/l	93
56) Ethyl methacrylate	10.599	69	10945	19.793	ug/l	95
57) 1,3-Dichloropropane	10.881	76	16312	20.131	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	14939	103.394	ug/l	98
59) 2-Hexanone	10.922	43	27313	94.200	ug/l	98
60) Dibromochloromethane	11.075	129	11978	20.325	ug/l	98
61) 1,2-Dibromoethane	11.181	107	9256	20.181	ug/l	98
64) Tetrachloroethene	10.816	164	12000	20.075	ug/l	97
65) Chlorobenzene	11.610	112	36293	20.735	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	12717	19.956	ug/l	97
67) Ethyl Benzene	11.687	91	64329	19.907	ug/l	99
68) m/p-Xylenes	11.799	106	51551	41.938	ug/l	98
69) o-Xylene	12.122	106	23882	20.800	ug/l	99
70) Styrene	12.140	104	39820	20.473	ug/l	99
71) Bromoform	12.304	173	6821	19.927	ug/l #	98
73) Isopropylbenzene	12.422	105	63137	19.497	ug/l	99
74) N-amyl acetate	12.234	43	13035	17.913	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	11107	19.714	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	13545	29.832	ug/l #	100
77) Bromobenzene	12.704	156	14554	19.847	ug/l	95
78) n-propylbenzene	12.763	91	80316	19.932	ug/l	99
79) 2-Chlorotoluene	12.851	91	43672	19.759	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	52493	19.468	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	2410	18.602	ug/l	95
82) 4-Chlorotoluene	12.946	91	46194	20.035	ug/l	97
83) tert-Butylbenzene	13.169	119	44210	19.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	52407	19.460	ug/l	97
85) sec-Butylbenzene	13.346	105	69043	19.361	ug/l	99
86) p-Isopropyltoluene	13.463	119	56742	19.451	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29234	19.724	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	30015	20.238	ug/l	98
89) n-Butylbenzene	13.793	91	55553	19.506	ug/l	99
90) Hexachloroethane	14.051	117	11134	19.360	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	25070	19.494	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1482	16.959	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	14743	18.304	ug/l	96
94) Hexachlorobutadiene	15.210	225	8460	19.909	ug/l	98
95) Naphthalene	15.334	128	28059	18.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	12899	18.561	ug/l	95

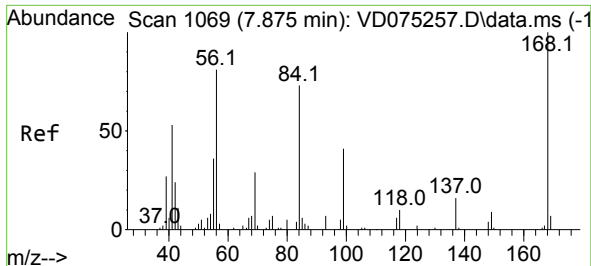
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Response via : Initial Calibration

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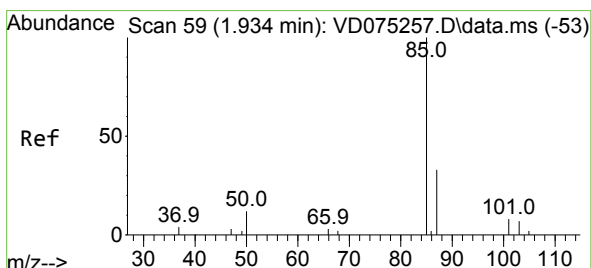
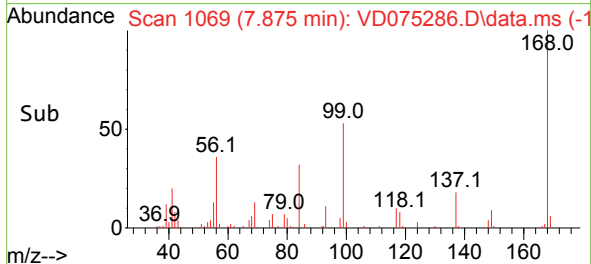
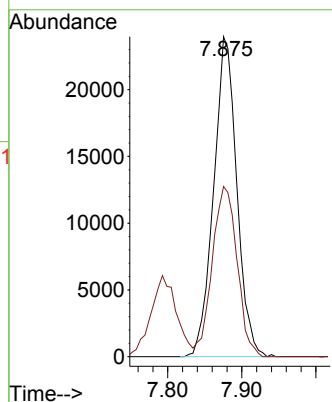
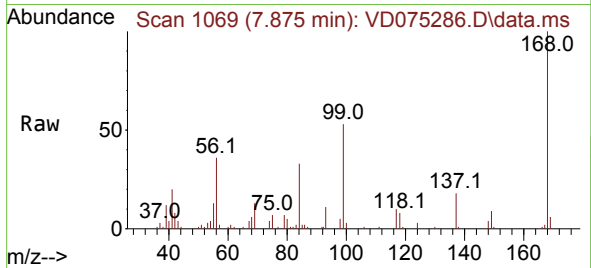
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

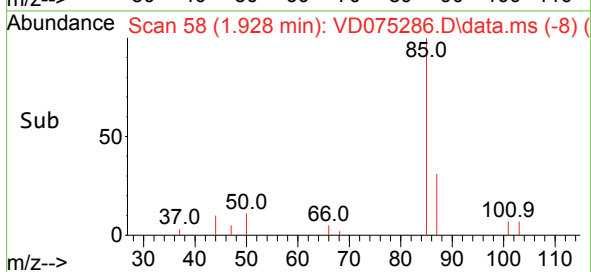
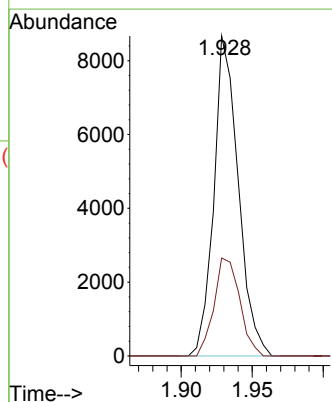
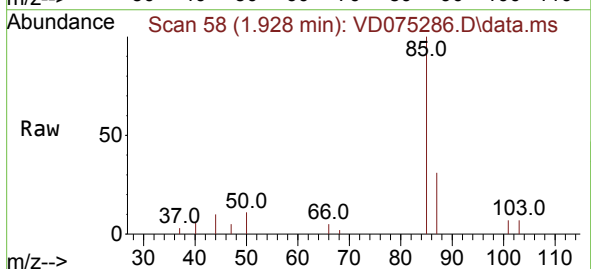
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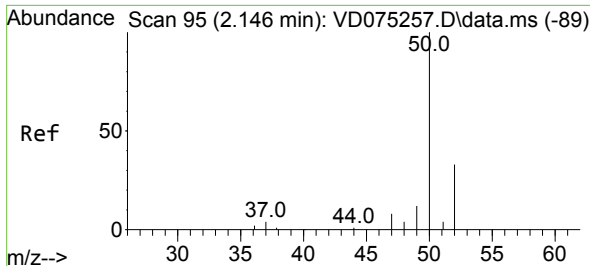
Tgt Ion:168 Resp: 51965
Ion Ratio Lower Upper
168 100
99 53.2 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 22.796 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 85 Resp: 10352
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0

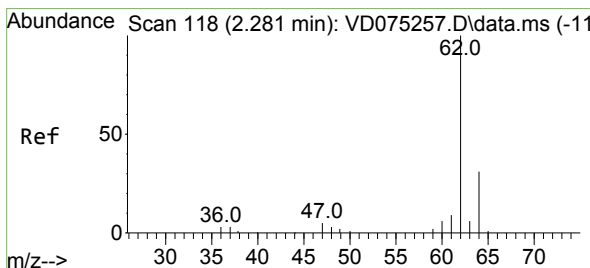
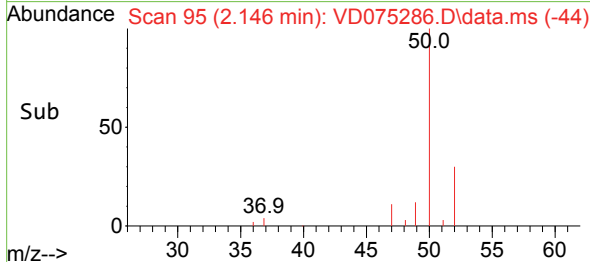
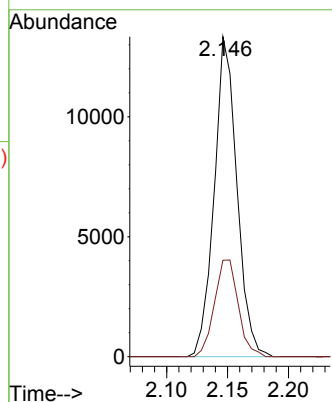
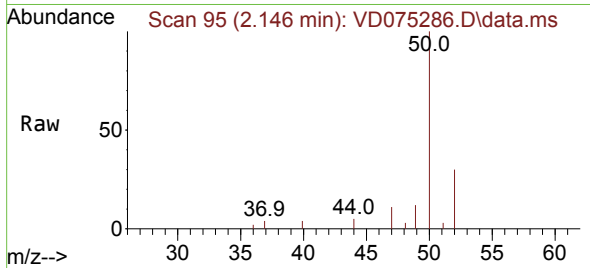




#3
Chloromethane
Concen: 20.802 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

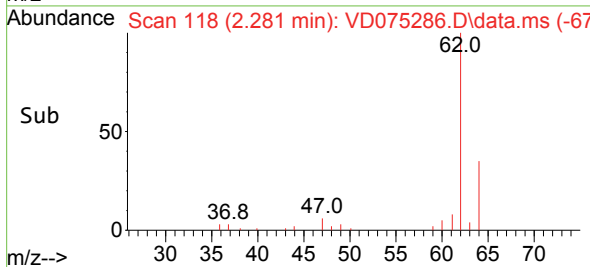
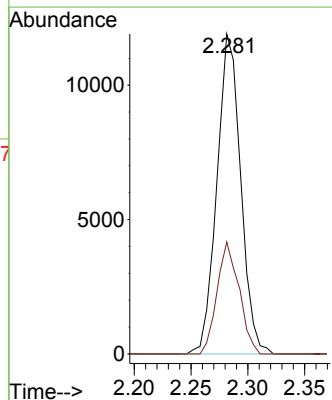
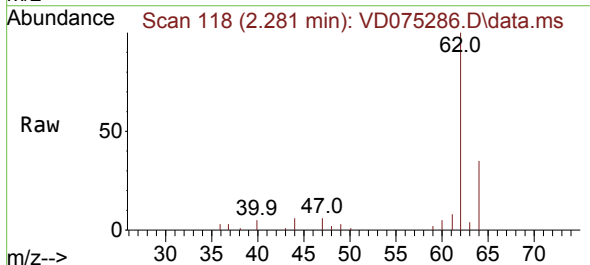
Instrument :
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ClientSampleId :
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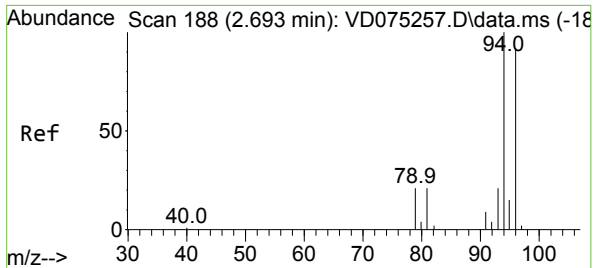
Tgt Ion: 50 Resp: 17325
Ion Ratio Lower Upper
50 100
52 30.1 27.0 40.6



#4
Vinyl Chloride
Concen: 20.059 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 62 Resp: 17341
Ion Ratio Lower Upper
62 100
64 35.0 24.8 37.2

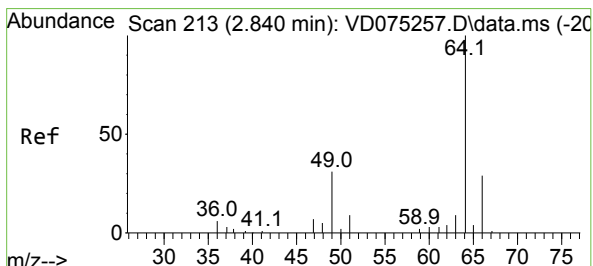
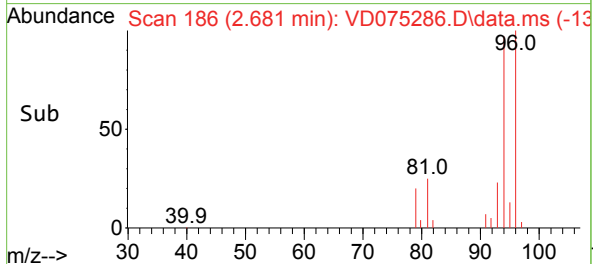
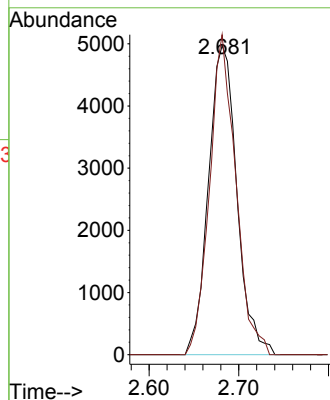
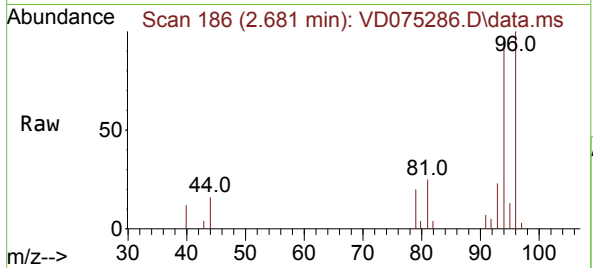




#5
Bromomethane
Concen: 19.789 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

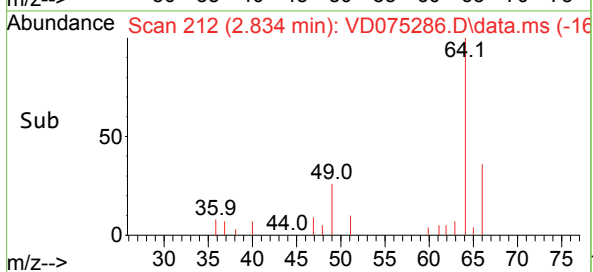
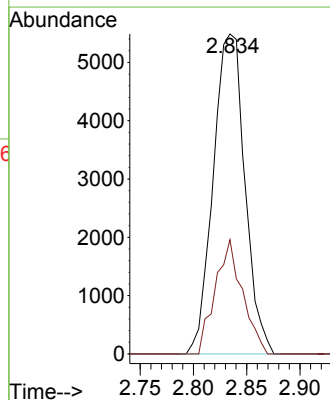
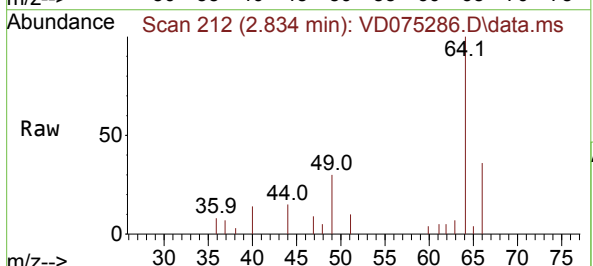
Instrument :
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ClientSampleId :
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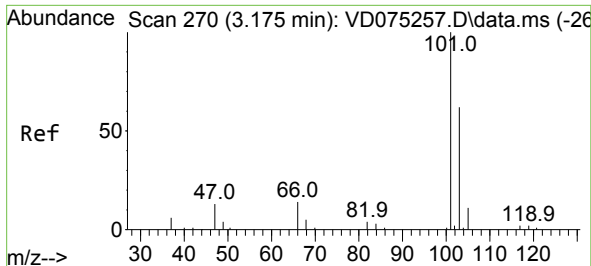
Tgt Ion: 94 Resp: 10946
Ion Ratio Lower Upper
94 100
96 95.3 74.8 112.2



#6
Chloroethane
Concen: 19.012 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 64 Resp: 11339
Ion Ratio Lower Upper
64 100
66 35.7 25.4 38.2

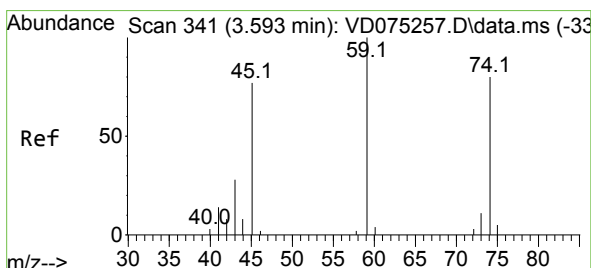
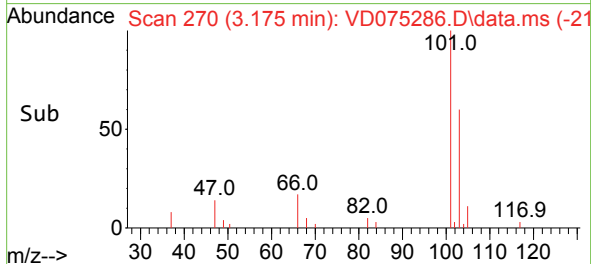
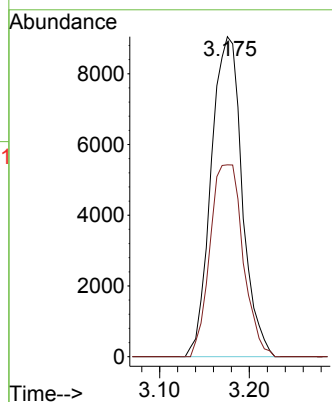
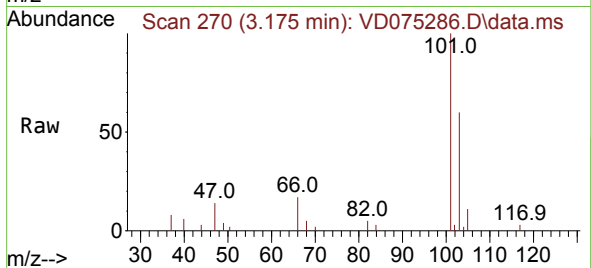




#7
Trichlorofluoromethane
Concen: 20.166 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075286.D
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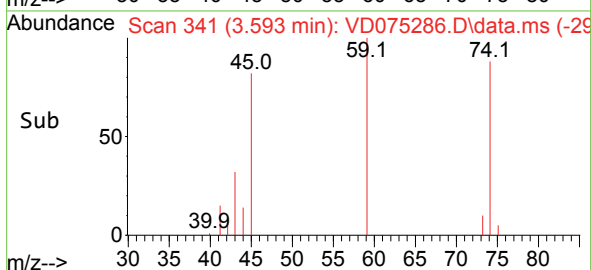
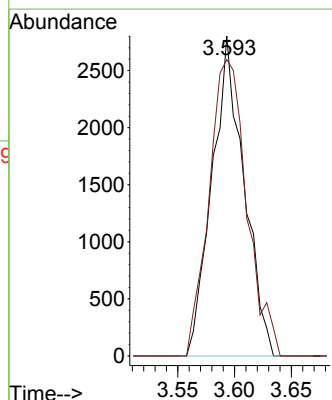
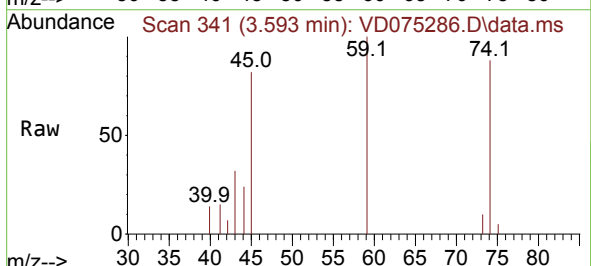
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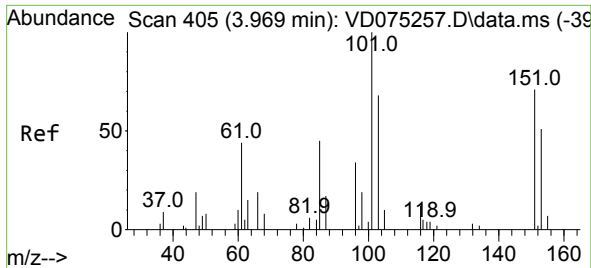
Tgt Ion:101 Resp: 21677
Ion Ratio Lower Upper
101 100
103 59.9 52.2 78.4



#8
Diethyl Ether
Concen: 18.971 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 74 Resp: 5482
Ion Ratio Lower Upper
74 100
45 109.3 49.8 149.3

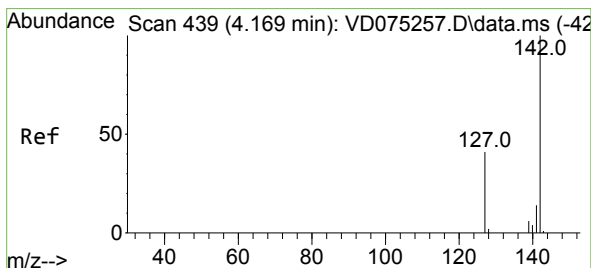
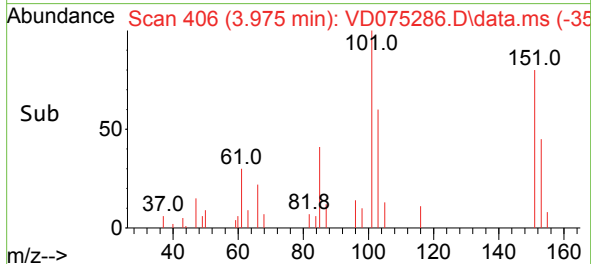
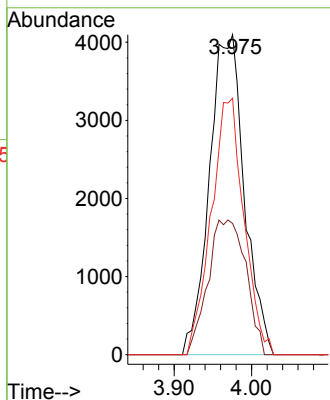
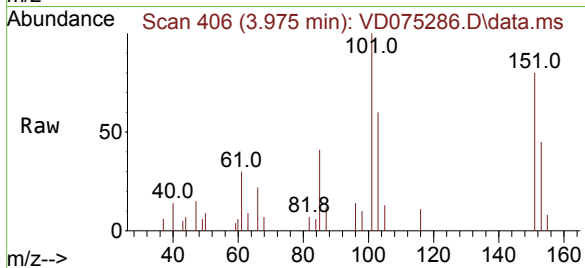




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.999 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

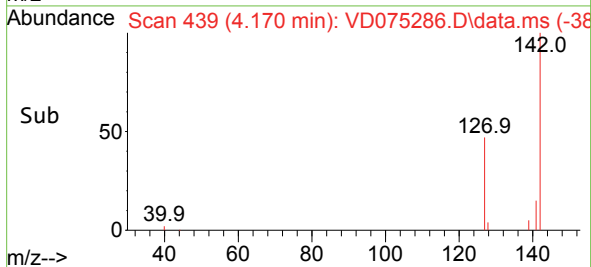
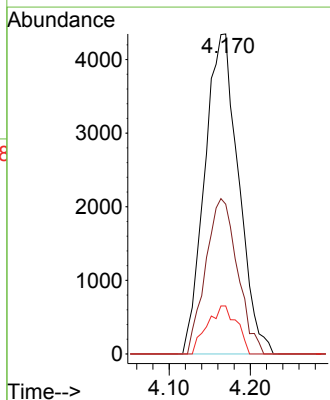
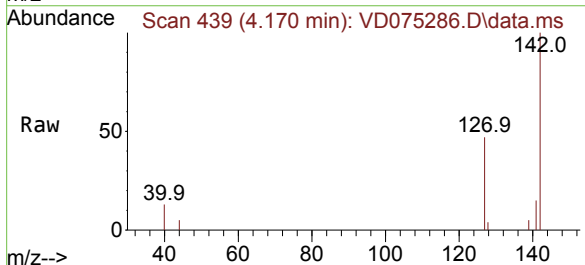
Instrument :
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ClientSampleId :
VD0209SBS01

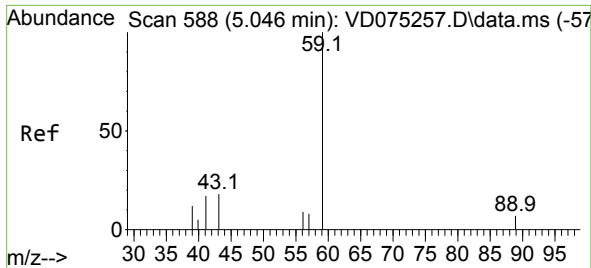
Tgt Ion:101 Resp: 12809
Ion Ratio Lower Upper
101 100
85 45.9 36.9 55.3
151 75.3 58.9 88.3



#10
Methyl Iodide
Concen: 18.684 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.001 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion:142 Resp: 12564
Ion Ratio Lower Upper
142 100
127 45.6 33.6 50.4
141 13.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 78.878 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

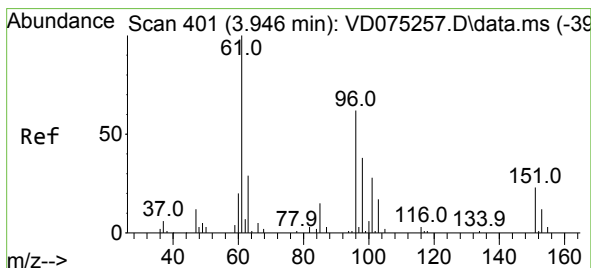
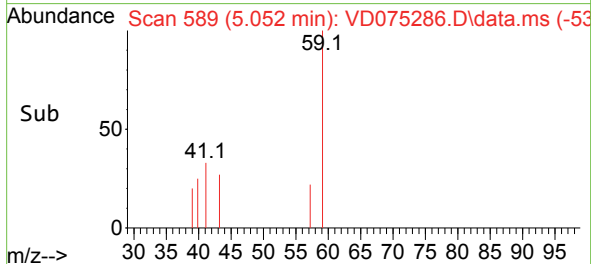
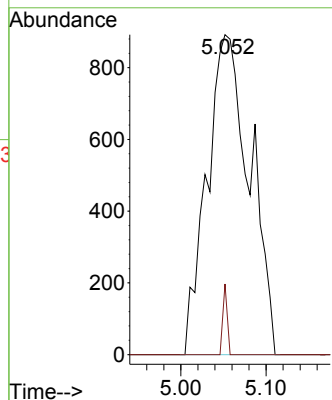
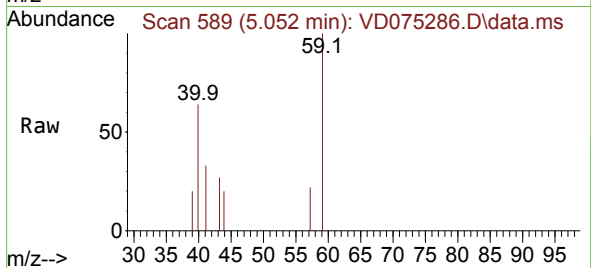
VD0209SBS01

Tgt Ion: 59 Resp: 3120

Ion Ratio Lower Upper

59 100

57 0.0 2.9 4.3#



#12

1,1-Dichloroethene

Concen: 19.908 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

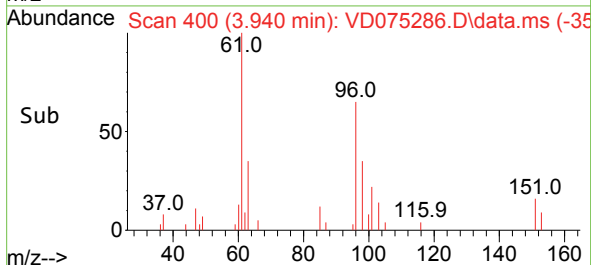
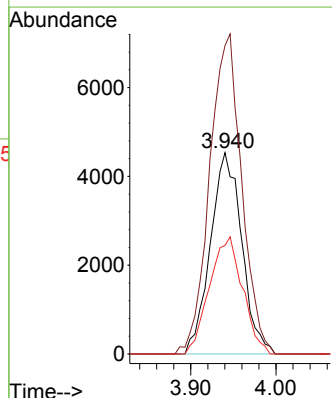
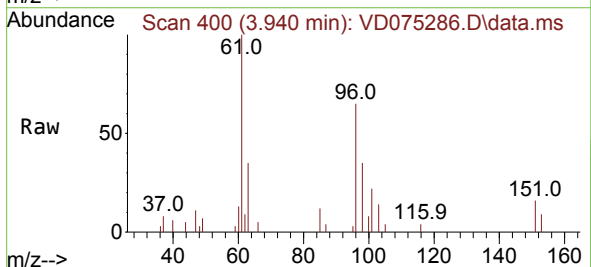
Tgt Ion: 96 Resp: 11579

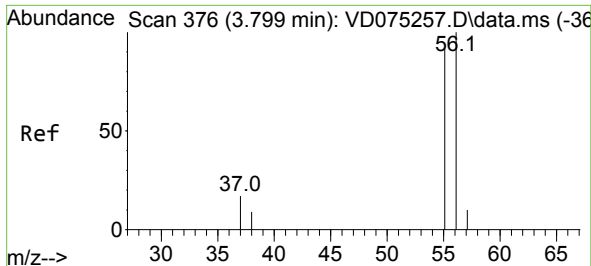
Ion Ratio Lower Upper

96 100

61 153.2 126.8 190.2

98 53.9 50.4 75.6

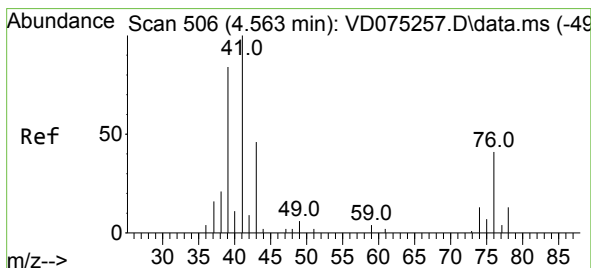
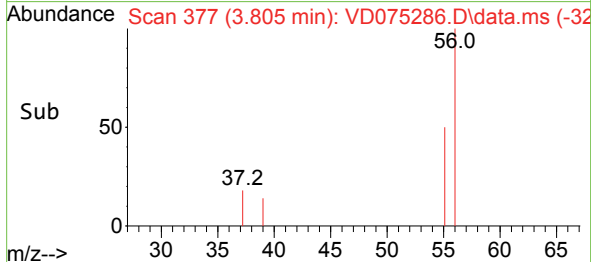
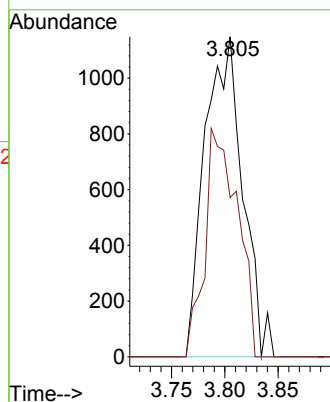
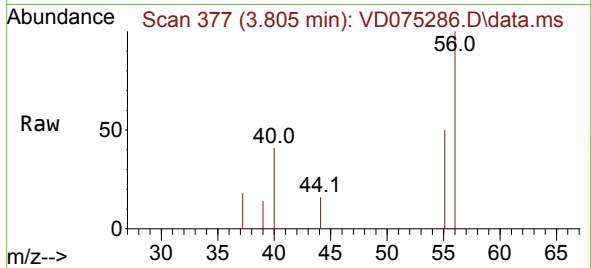




#13
Acrolein
Concen: 131.139 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

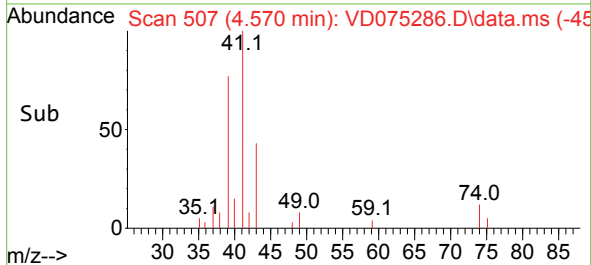
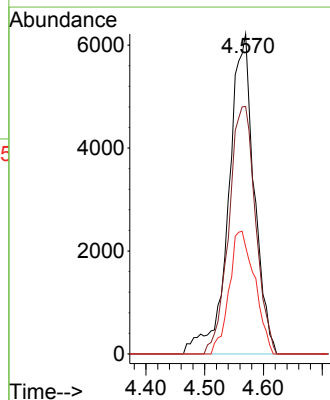
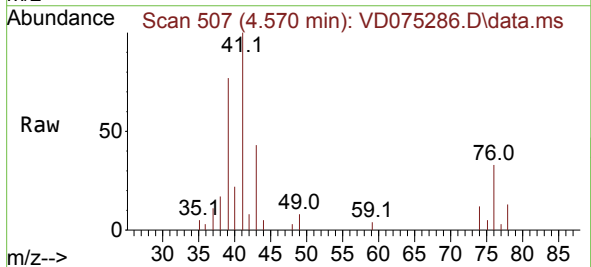
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

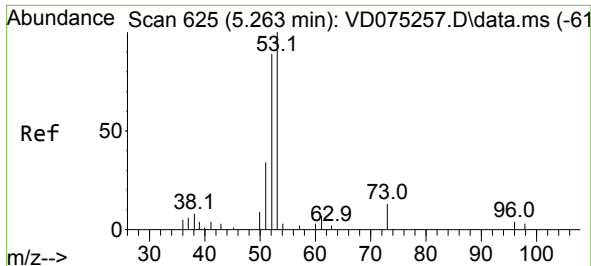
Tgt Ion: 56 Resp: 2838
Ion Ratio Lower Upper
56 100
55 61.2 53.0 79.6



#14
Allyl chloride
Concen: 19.324 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.007 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 41 Resp: 18699
Ion Ratio Lower Upper
41 100
39 80.8 55.4 83.0
76 38.6 30.2 45.2

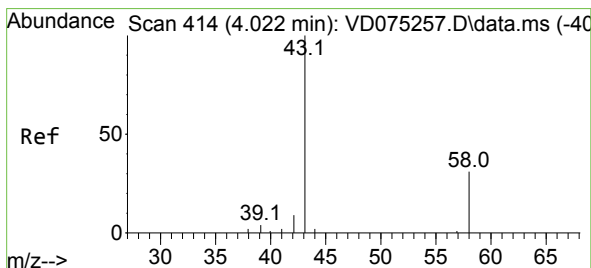
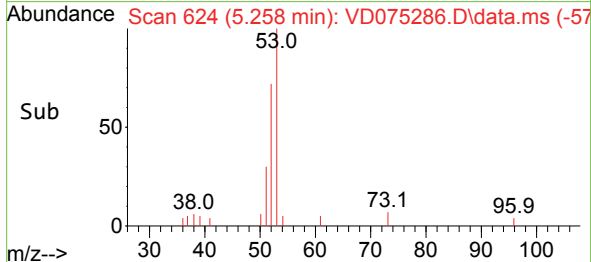
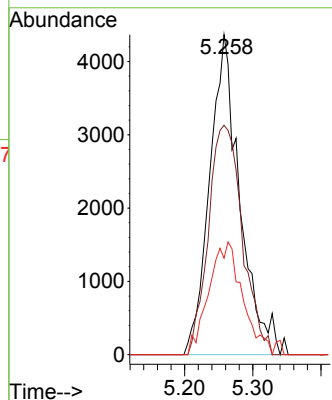
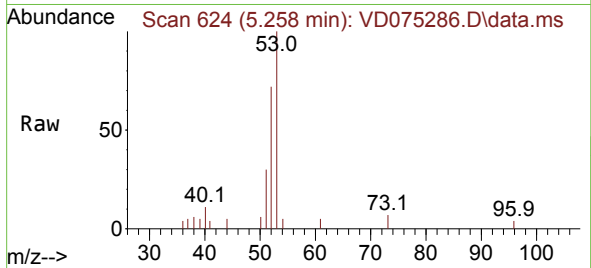




#15
Acrylonitrile
Concen: 95.251 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

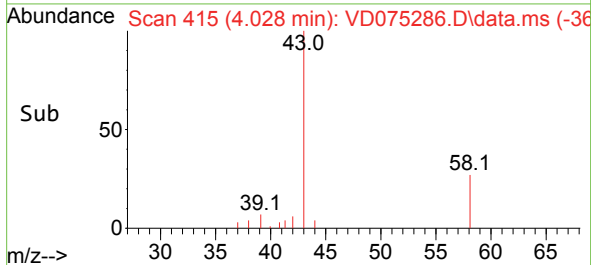
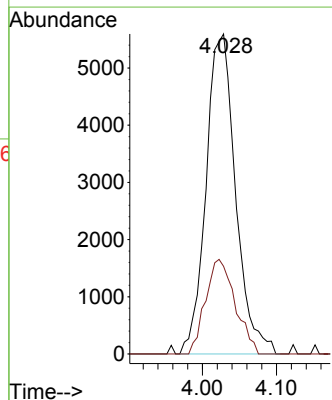
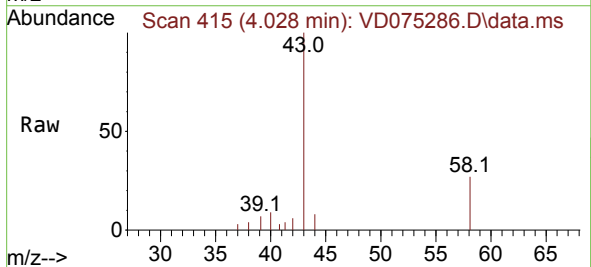
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

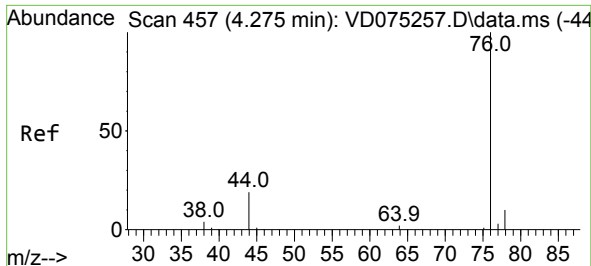
Tgt Ion: 53 Resp: 13443
Ion Ratio Lower Upper
53 100
52 80.5 67.0 100.6
51 39.3 30.1 45.1



#16
Acetone
Concen: 96.276 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 43 Resp: 15512
Ion Ratio Lower Upper
43 100
58 27.4 26.0 39.0

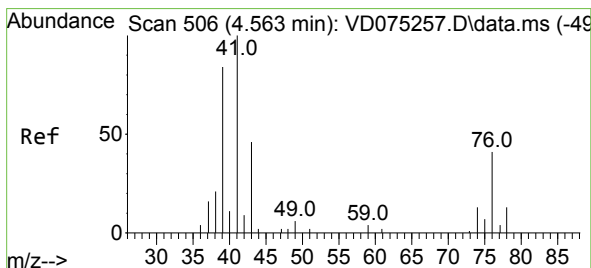
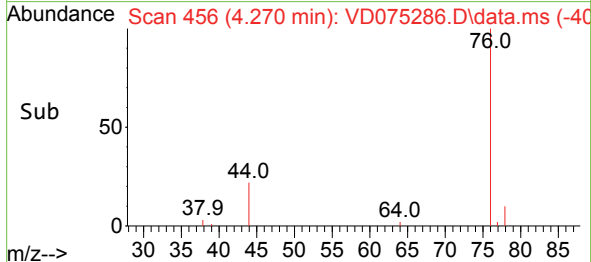
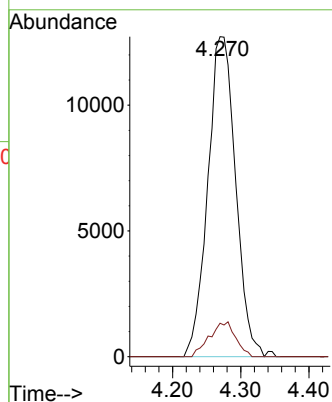
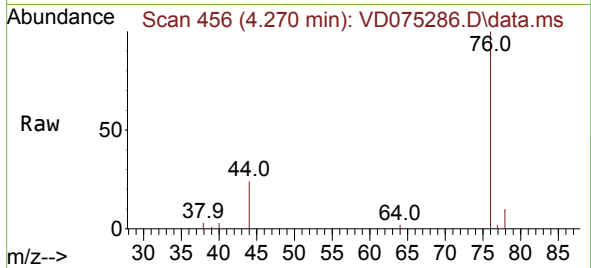




#17
Carbon Disulfide
Concen: 20.208 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

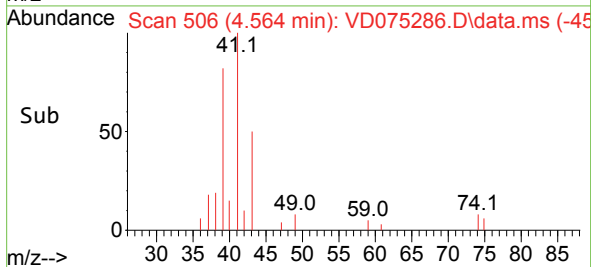
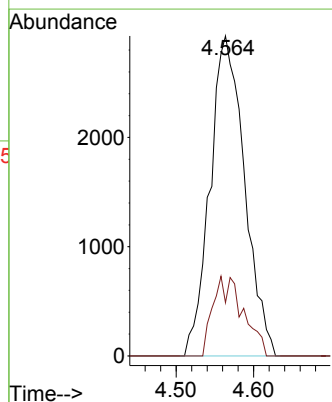
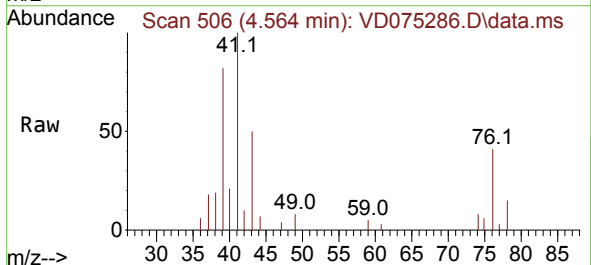
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

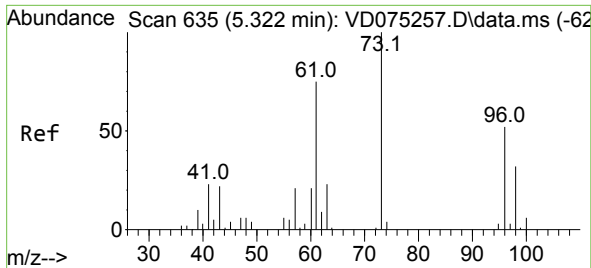
Tgt Ion: 76 Resp: 36260
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0



#18
Methyl Acetate
Concen: 19.444 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 43 Resp: 9077
Ion Ratio Lower Upper
43 100
74 9.7 18.5 27.7#

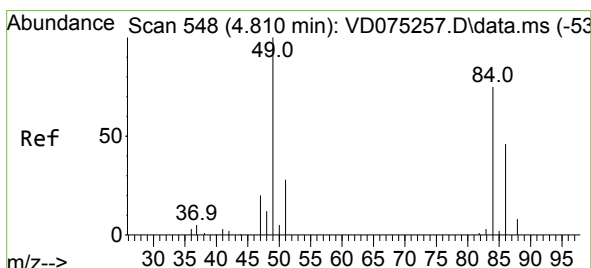
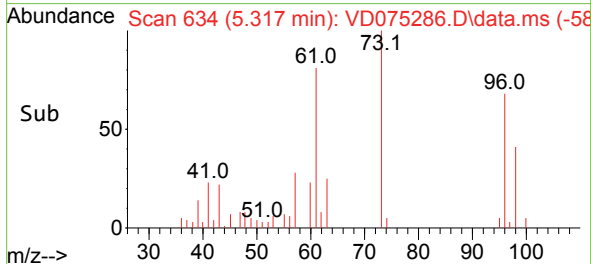
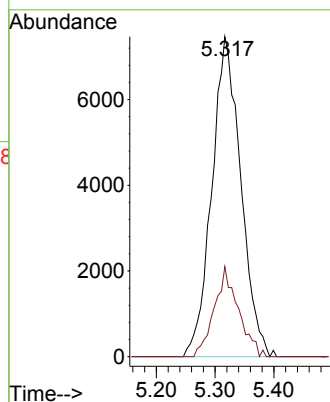
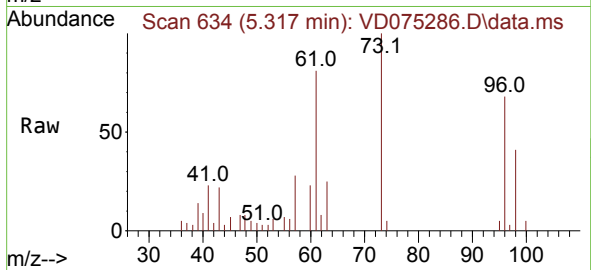




#19
Methyl tert-butyl Ether
Concen: 19.153 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

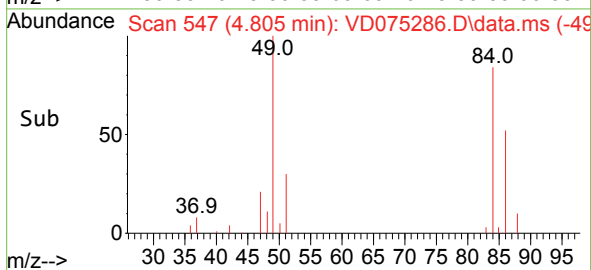
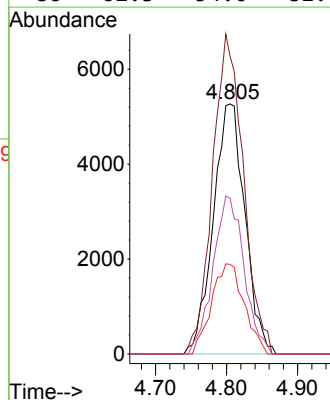
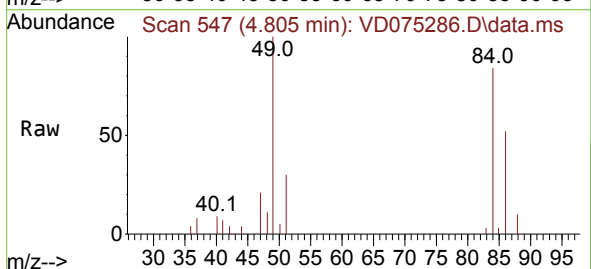
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

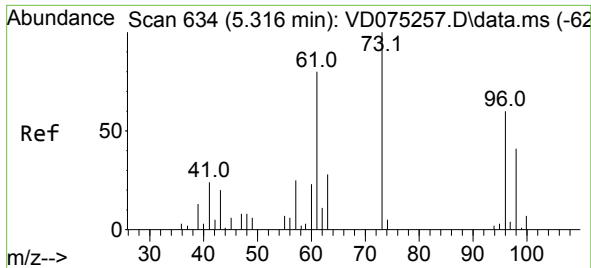
Tgt Ion: 73 Resp: 25575
Ion Ratio Lower Upper
73 100
57 28.2 18.5 27.7#



#20
Methylene Chloride
Concen: 20.465 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 84 Resp: 16312
Ion Ratio Lower Upper
84 100
49 119.3 97.0 145.6
51 35.8 30.9 46.3
86 62.3 54.0 81.0

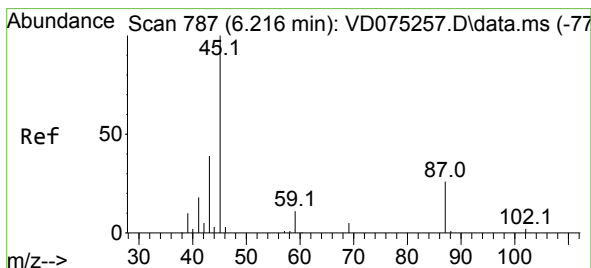
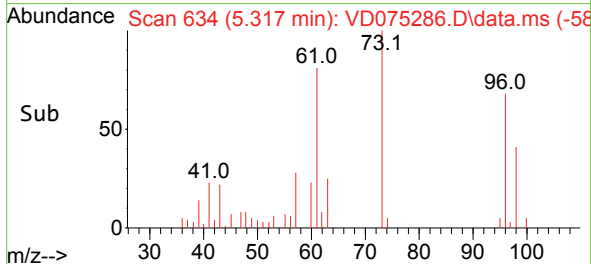
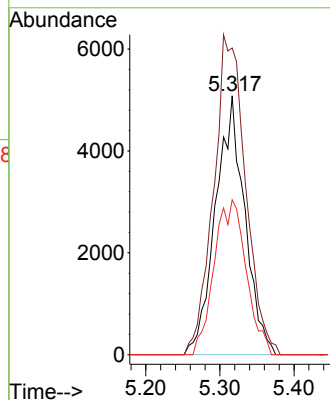
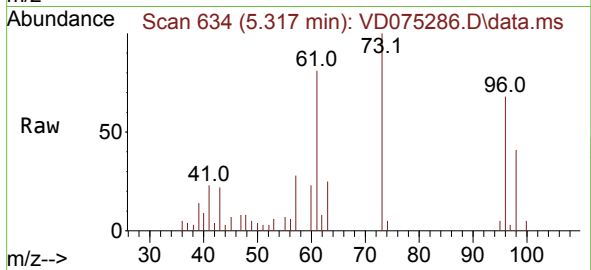




#21
trans-1,2-Dichloroethene
Concen: 21.118 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

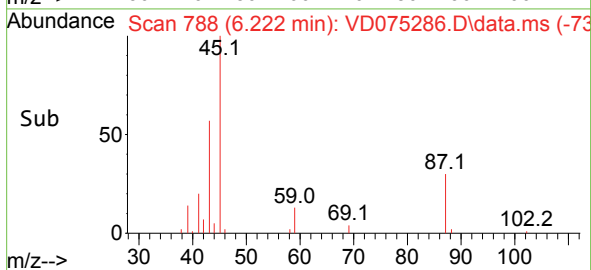
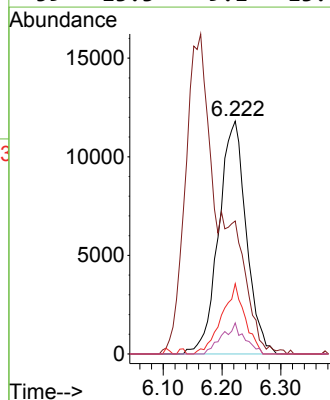
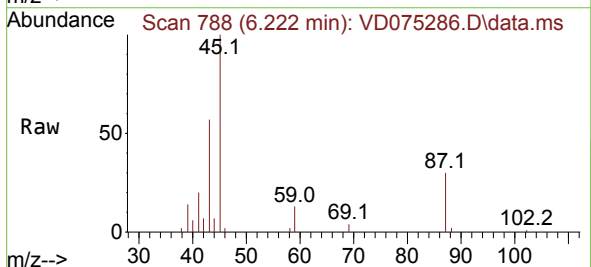
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

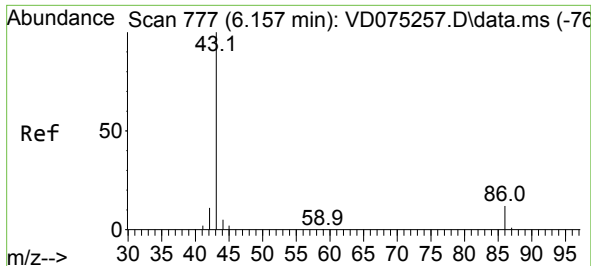
Tgt Ion: 96 Resp: 13899
Ion Ratio Lower Upper
96 100
61 118.5 105.7 158.5
98 59.8 50.4 75.6



#22
Diisopropyl ether
Concen: 19.946 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 45 Resp: 38391
Ion Ratio Lower Upper
45 100
43 55.3 45.3 67.9
87 30.2 22.1 33.1
59 13.3 9.1 13.7

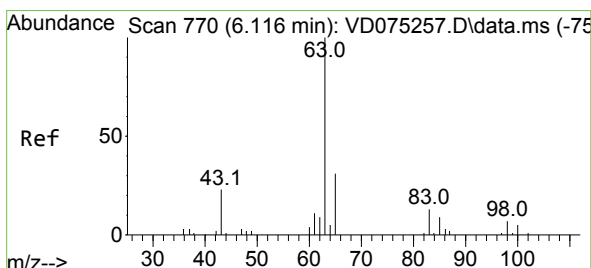
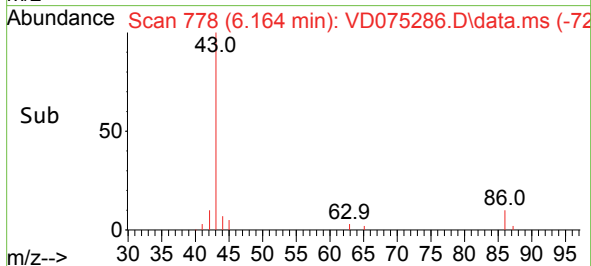
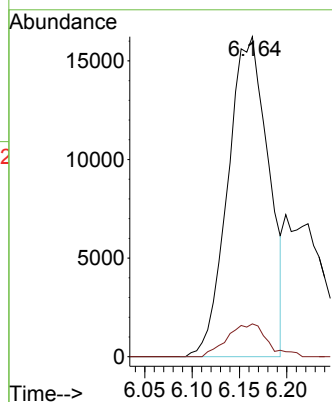
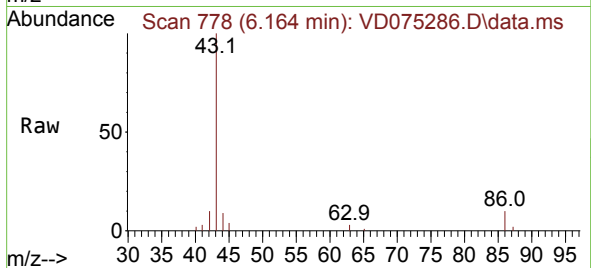




#23
 Vinyl Acetate
 Concen: 86.576 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

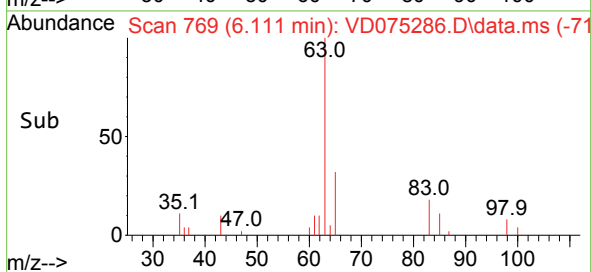
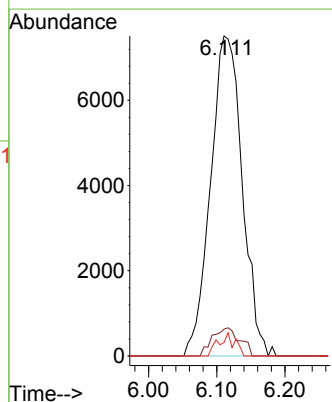
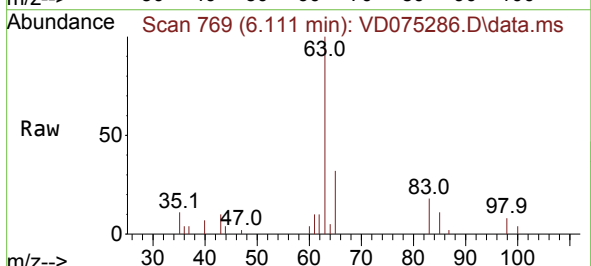
Instrument :
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 ClientSampleId :
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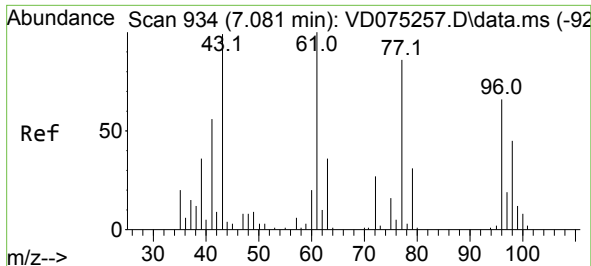
Tgt Ion: 43 Resp: 48319
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 20.262 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

Tgt Ion: 63 Resp: 24315
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 4.2 2.5 7.4

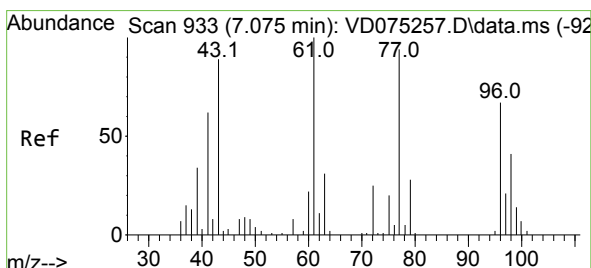
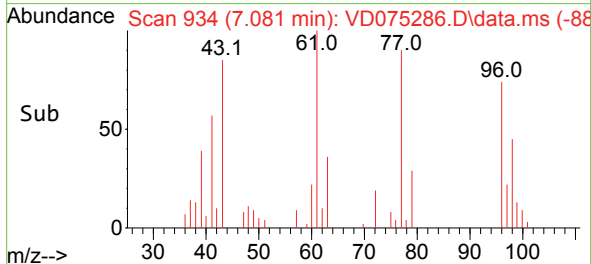
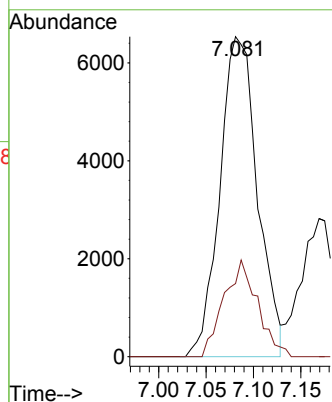
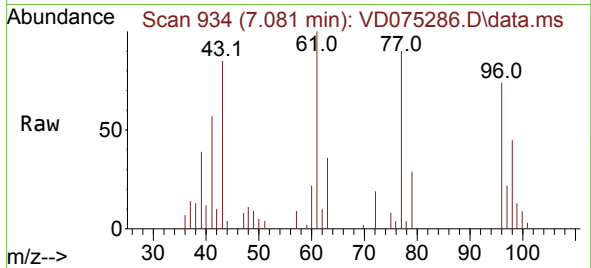




#25
2-Butanone
Concen: 90.338 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

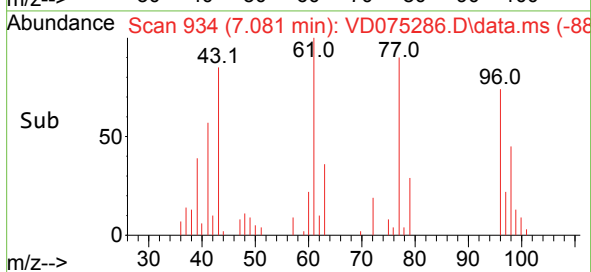
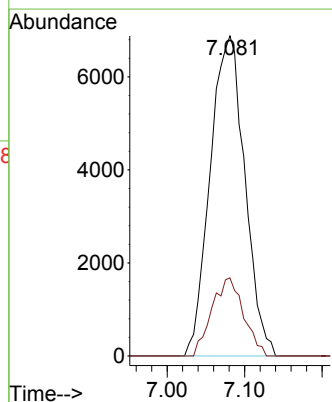
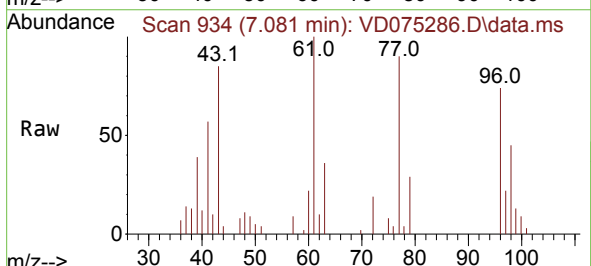
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

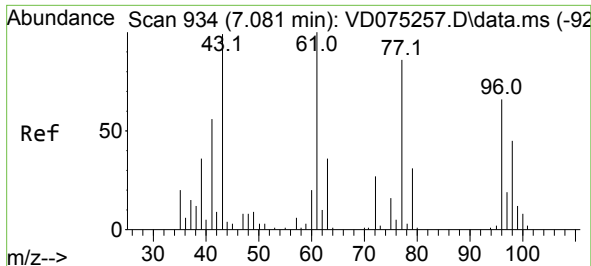
Tgt Ion: 43 Resp: 18035
Ion Ratio Lower Upper
43 100
72 22.8 19.8 29.8



#26
2,2-Dichloropropane
Concen: 20.146 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 77 Resp: 21399
Ion Ratio Lower Upper
77 100
97 22.3 12.0 36.0

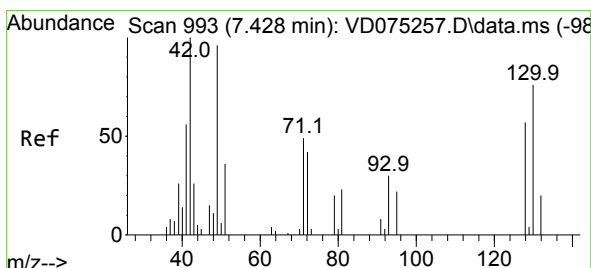
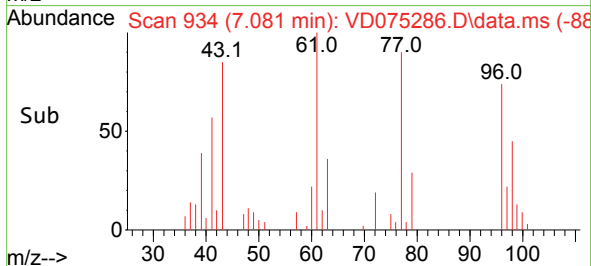
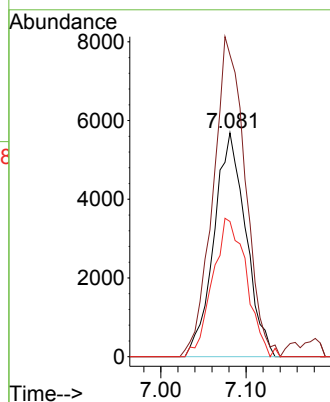
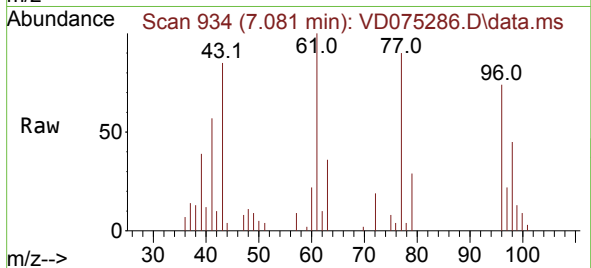




#27
 cis-1,2-Dichloroethene
 Concen: 20.044 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

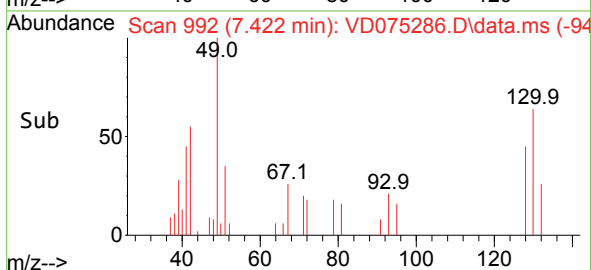
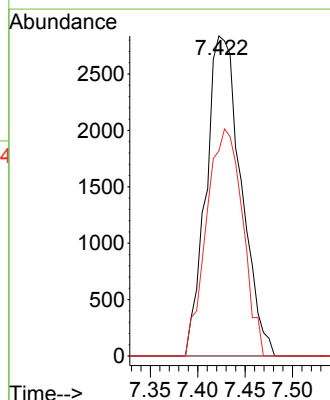
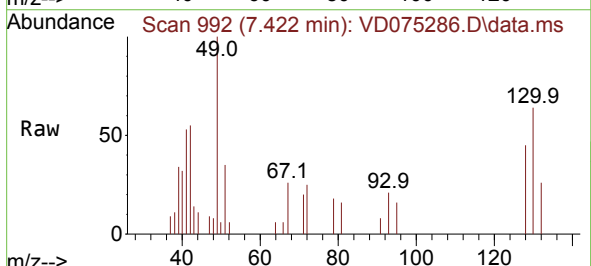
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

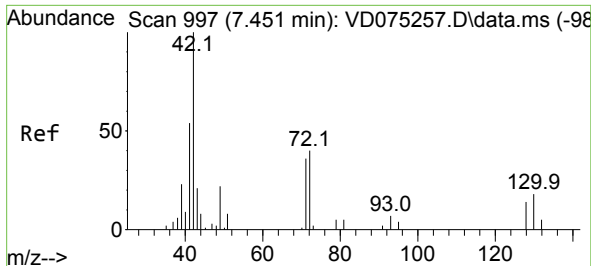
Tgt Ion: 96	Resp: 14759
Ion Ratio	Lower Upper
96 100	
61 144.7	0.0 287.4
98 65.9	0.0 129.8



#28
 Bromochloromethane
 Concen: 22.162 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

Tgt Ion: 49	Resp: 7297
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 2.6
130 72.9	63.6 95.4





#29

Tetrahydrofuran

Concen: 98.890 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.005 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

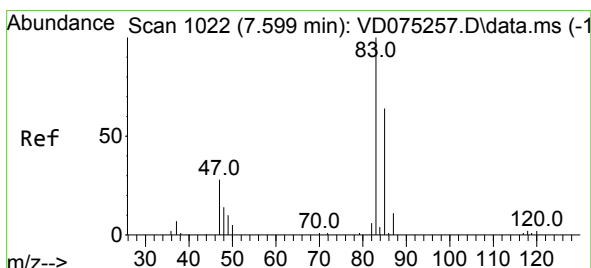
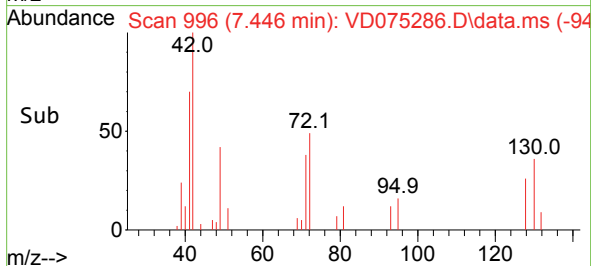
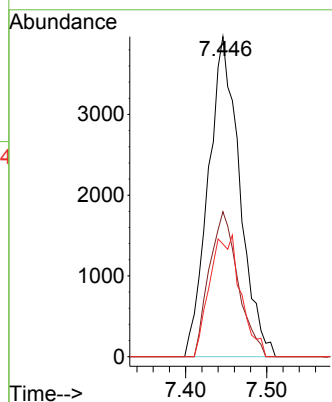
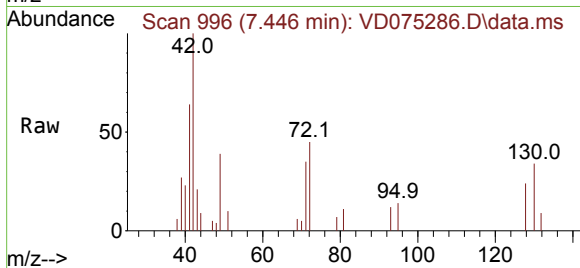
Tgt Ion: 42 Resp: 10631

Ion Ratio Lower Upper

42 100

72 41.7 33.8 50.8

71 37.6 31.6 47.4



#30

Chloroform

Concen: 20.500 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075286.D

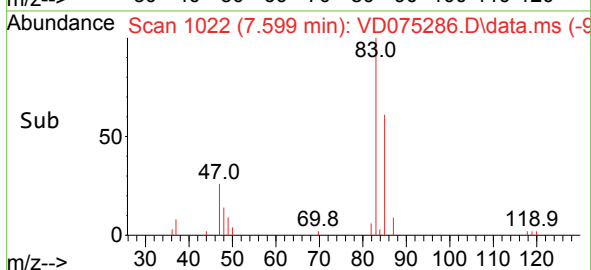
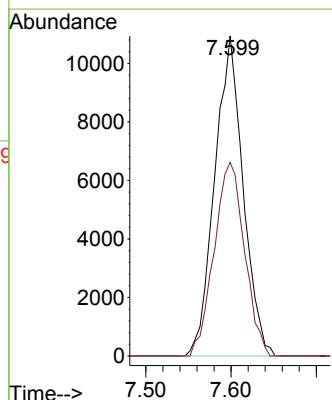
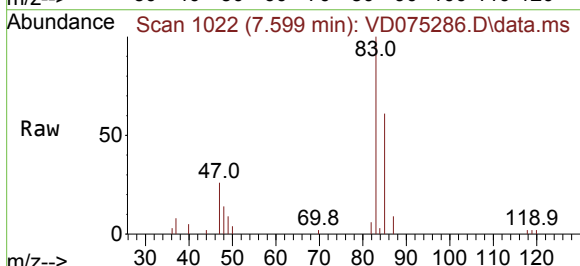
Acq: 09 Feb 2023 11:08

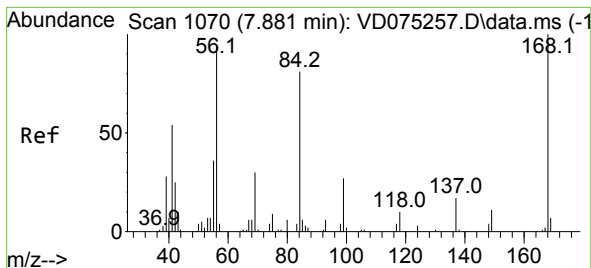
Tgt Ion: 83 Resp: 25320

Ion Ratio Lower Upper

83 100

85 60.5 48.5 72.7





#31

Cyclohexane

Concen: 19.663 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

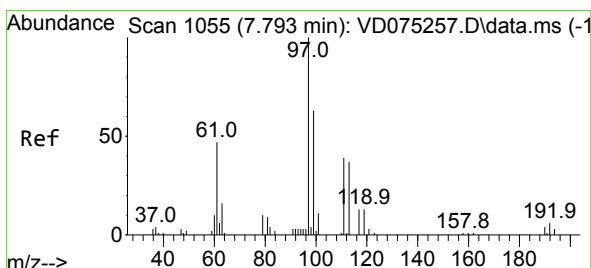
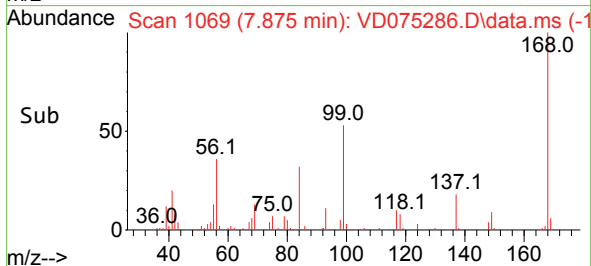
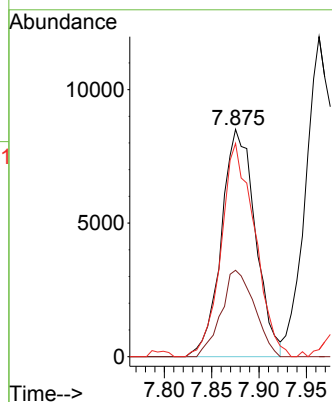
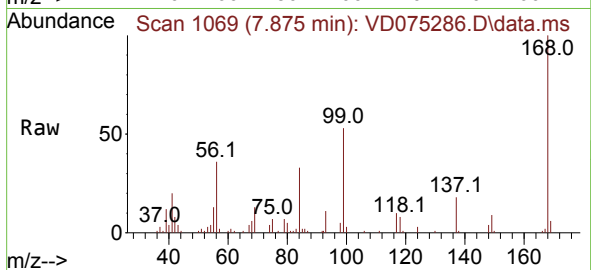
Tgt Ion: 56 Resp: 21275

Ion Ratio Lower Upper

56 100

69 38.0 26.6 40.0

84 93.8 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 20.401 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

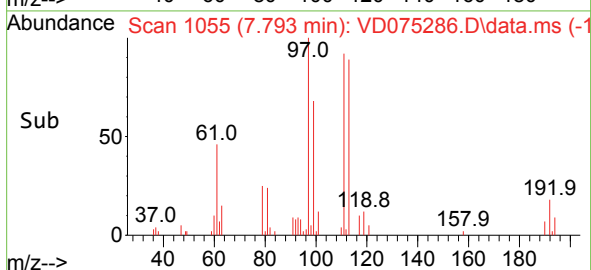
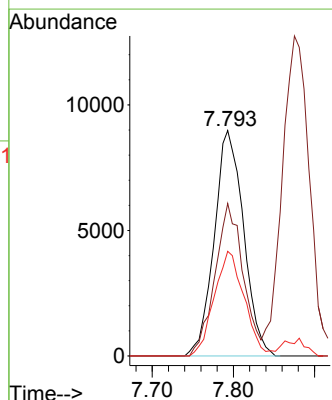
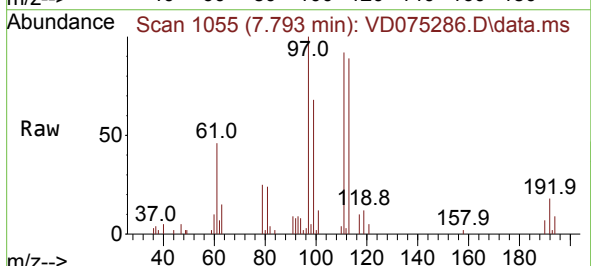
Tgt Ion: 97 Resp: 22540

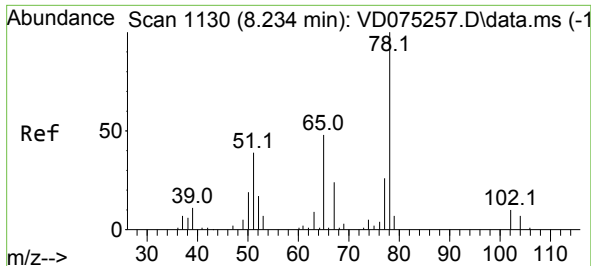
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 47.7 36.3 54.5

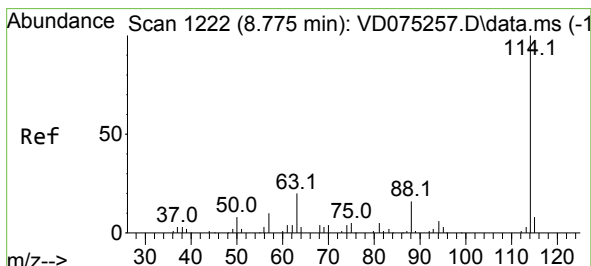
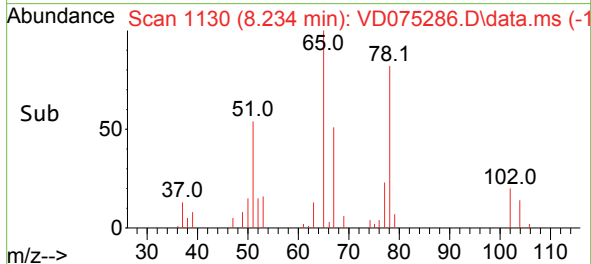
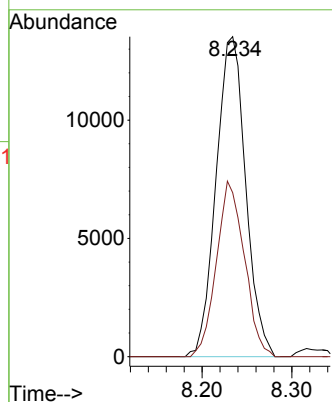
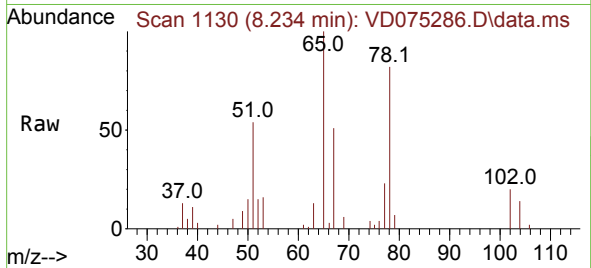




#33
 1,2-Dichloroethane-d4
 Concen: 50.893 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

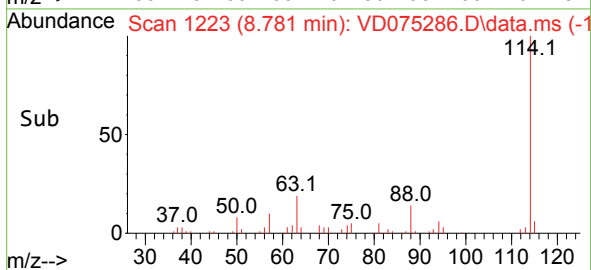
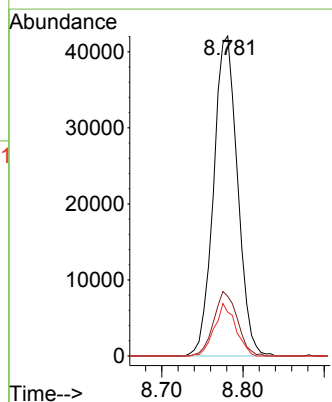
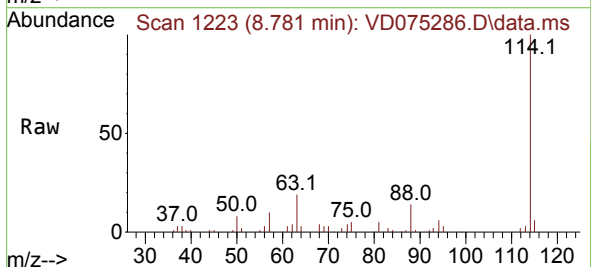
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

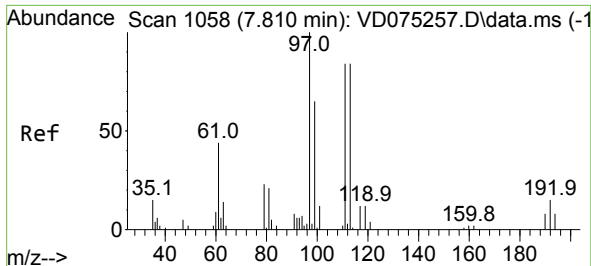
Tgt Ion: 65 Resp: 31011
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

Tgt Ion: 114 Resp: 86241
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 40.2
 88 13.7 0.0 32.2

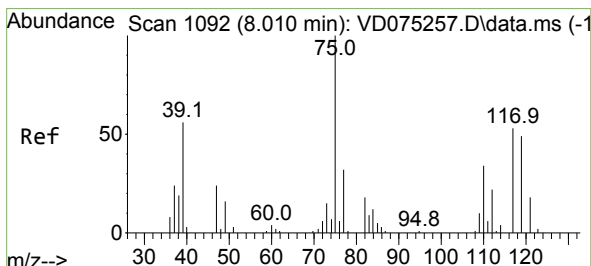
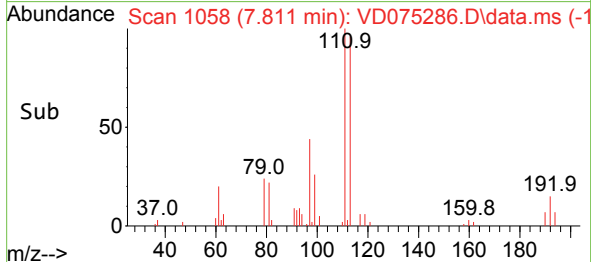
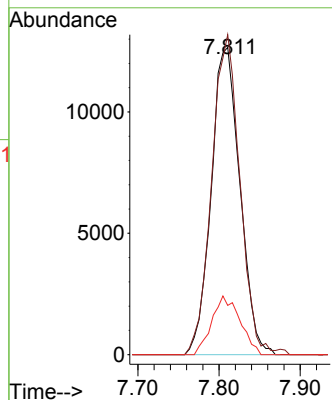
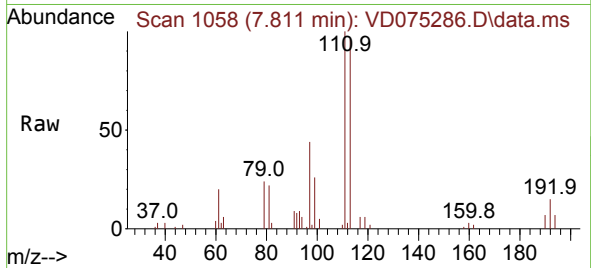




#35
Dibromofluoromethane
Concen: 51.480 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

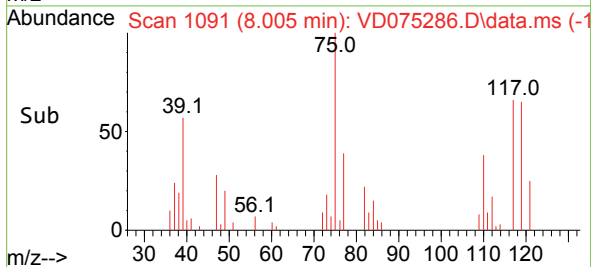
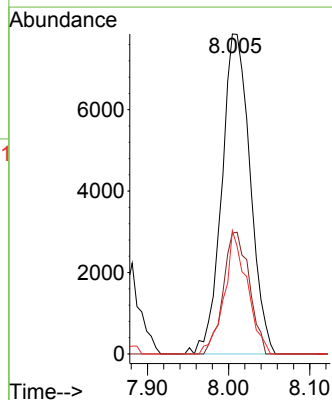
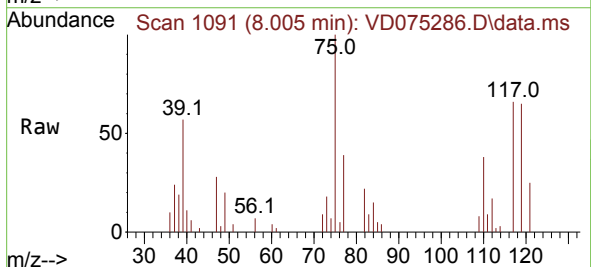
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

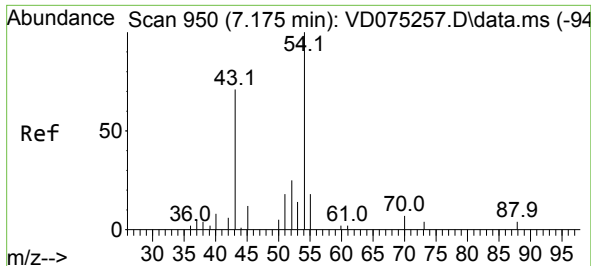
Tgt Ion:113 Resp: 31131
Ion Ratio Lower Upper
113 100
111 102.4 80.1 120.1
192 18.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 20.230 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 75 Resp: 19057
Ion Ratio Lower Upper
75 100
110 34.8 18.1 54.4
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 19.682 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

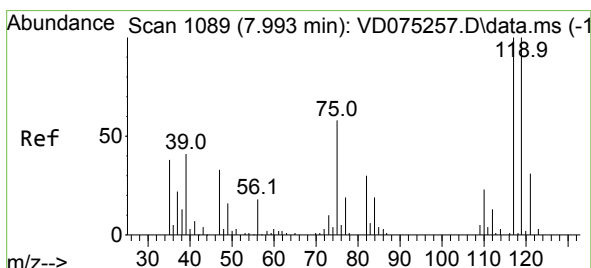
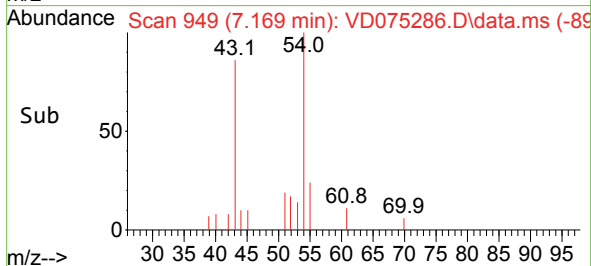
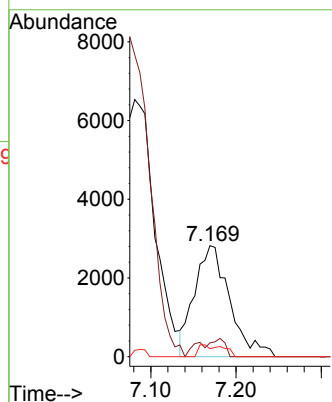
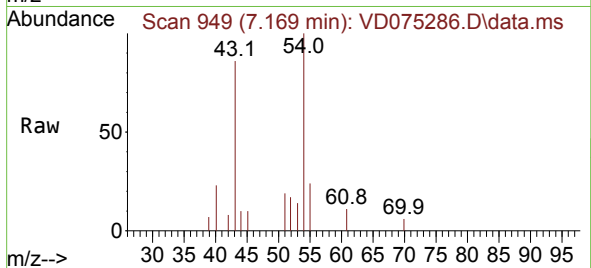
Tgt Ion: 43 Resp: 8086

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 4.6 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 19.456 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

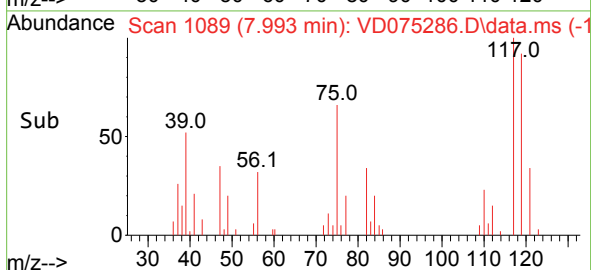
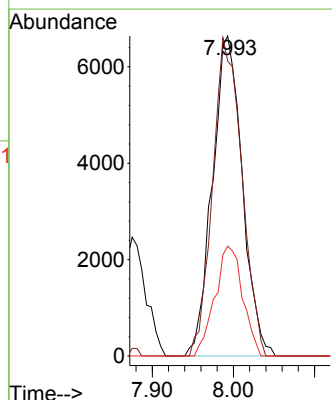
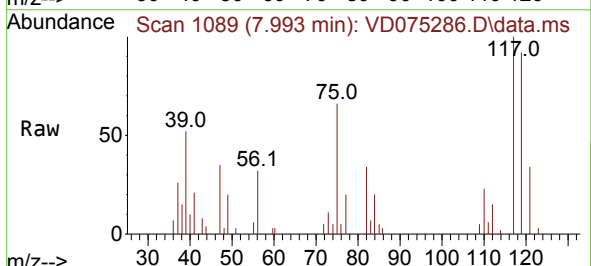
Tgt Ion: 117 Resp: 16983

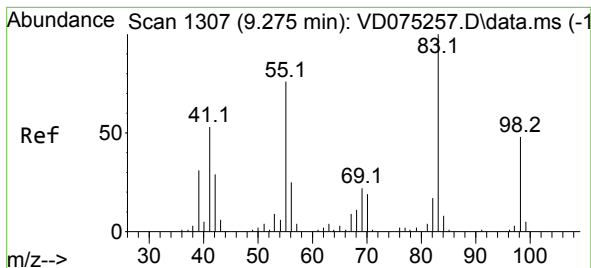
Ion Ratio Lower Upper

117 100

119 92.1 73.6 110.4

121 34.3 25.4 38.0





#39

Methylcyclohexane

Concen: 19.684 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

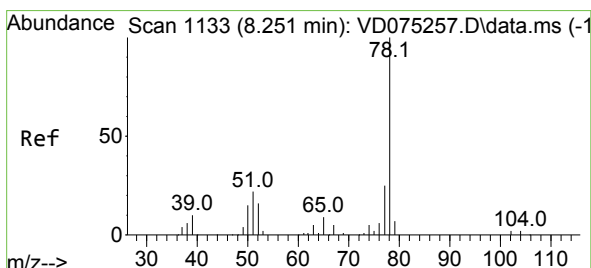
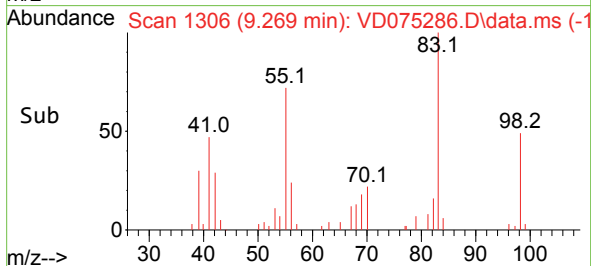
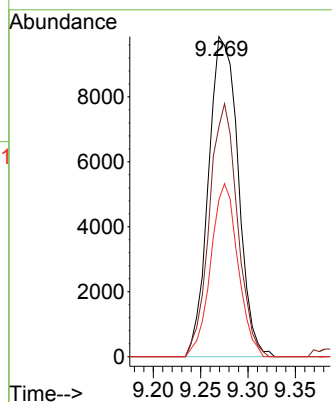
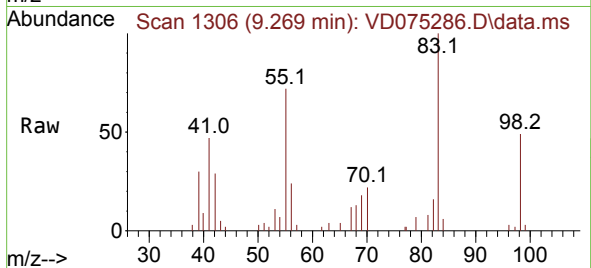
Tgt Ion: 83 Resp: 21463

Ion Ratio Lower Upper

83 100

55 71.9 60.0 90.0

98 49.0 39.0 58.4



#40

Benzene

Concen: 20.358 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.007 min

Lab File: VD075286.D

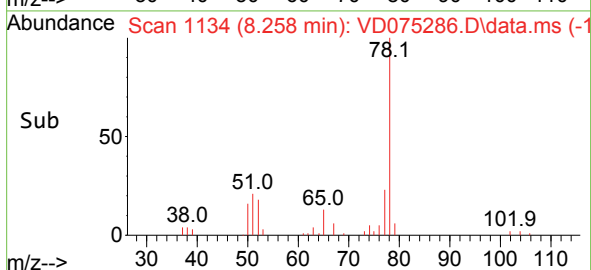
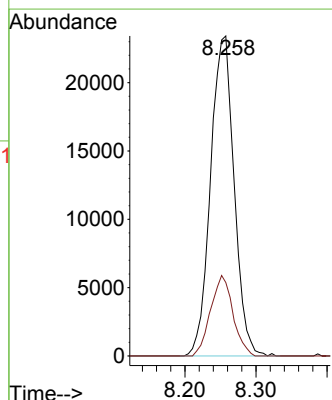
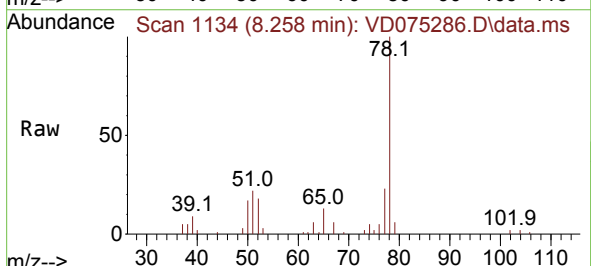
Acq: 09 Feb 2023 11:08

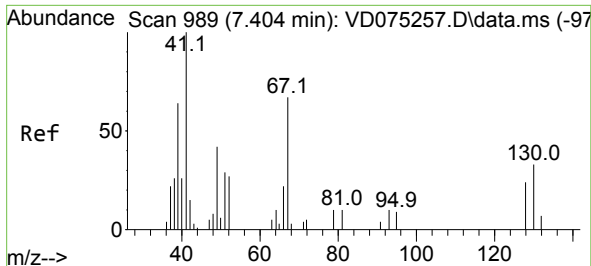
Tgt Ion: 78 Resp: 53899

Ion Ratio Lower Upper

78 100

77 22.9 19.8 29.6

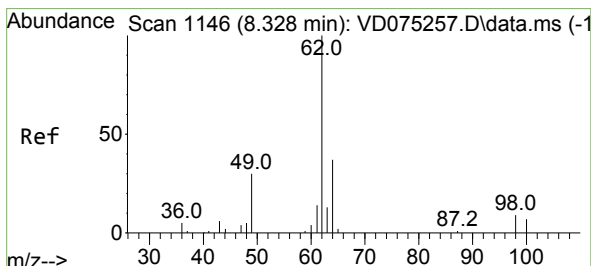
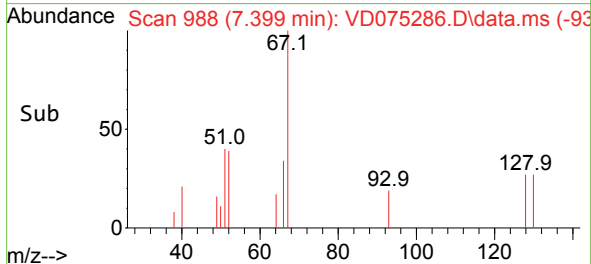
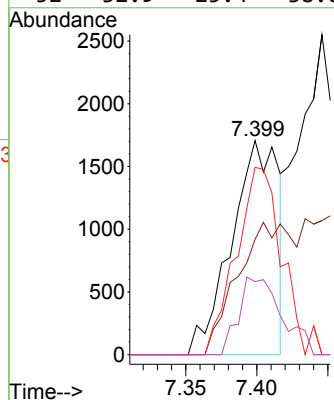
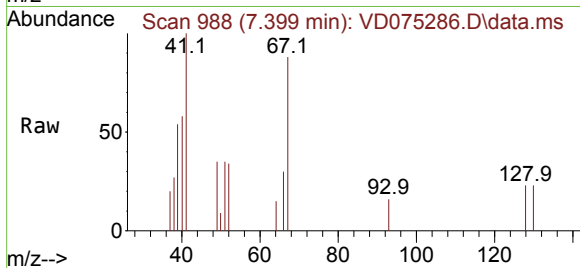




#41
Methacrylonitrile
Concen: 16.048 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

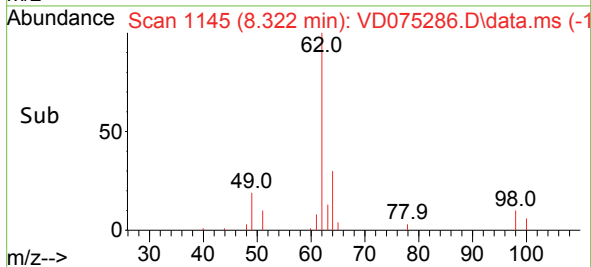
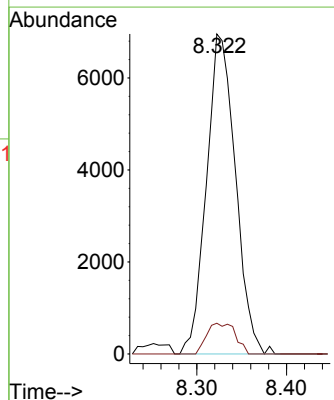
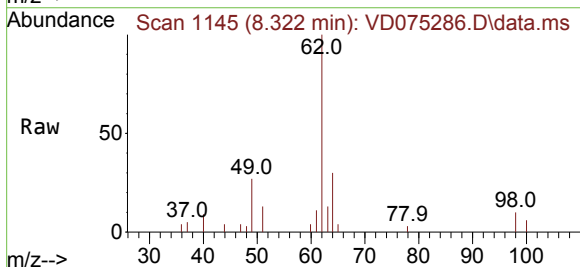
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

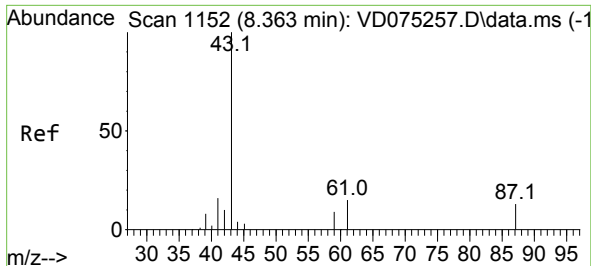
Tgt Ion: 41	Resp:	3933	
Ion	Ratio	Lower	Upper
41	100		
39	73.6	57.8	86.6
67	85.0	60.5	90.7
52	32.9	25.4	38.0



#42
1,2-Dichloroethane
Concen: 20.372 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 62	Resp:	15615	
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2

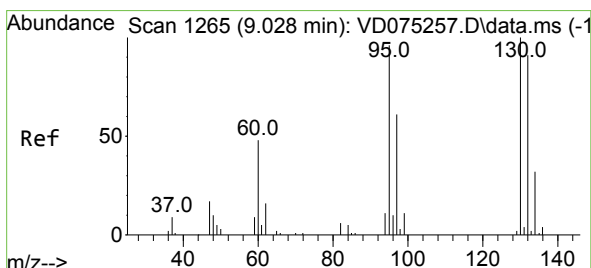
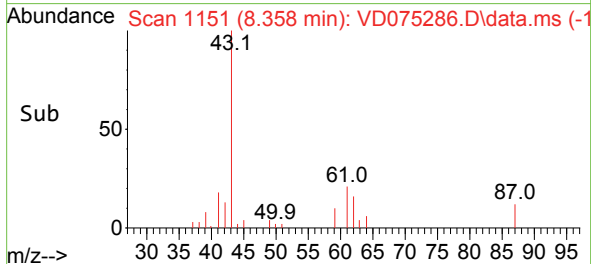
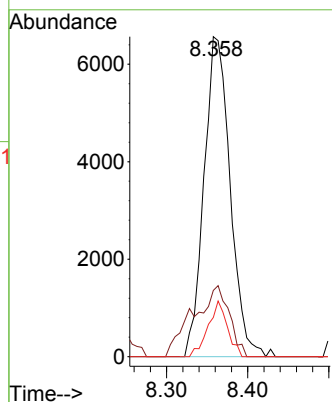
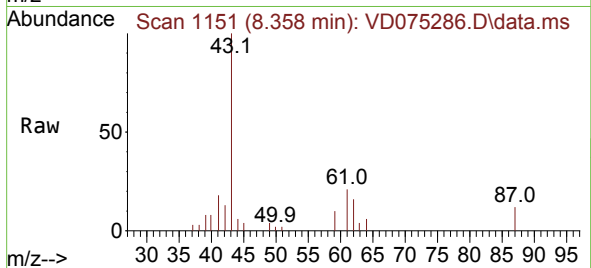




#43
Isopropyl Acetate
Concen: 18.745 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

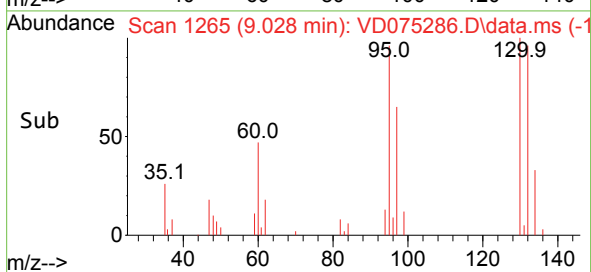
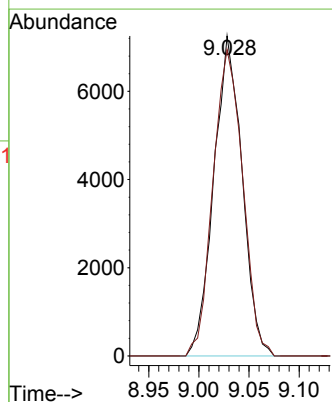
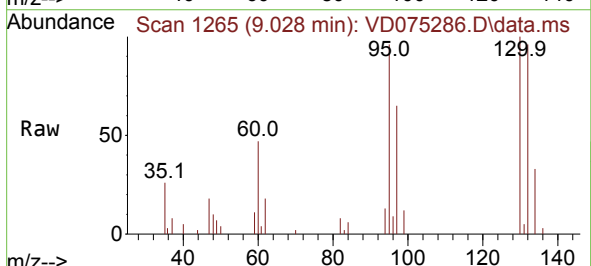
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

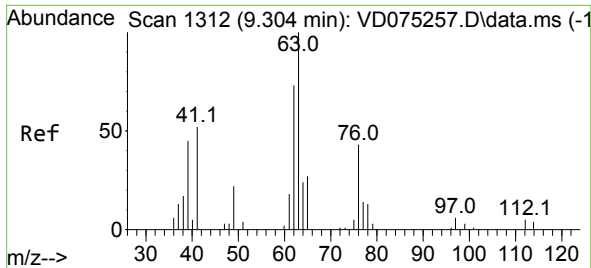
Tgt Ion: 43 Resp: 14715
Ion Ratio Lower Upper
43 100
61 17.3 25.0 37.6#
87 12.8 10.6 16.0



#44
Trichloroethene
Concen: 19.472 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion:130 Resp: 14211
Ion Ratio Lower Upper
130 100
95 95.7 0.0 188.6





#45

1,2-Dichloropropane

Concen: 20.917 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

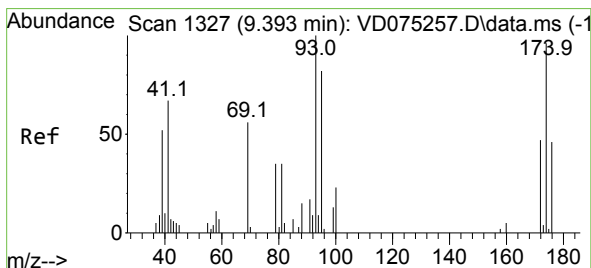
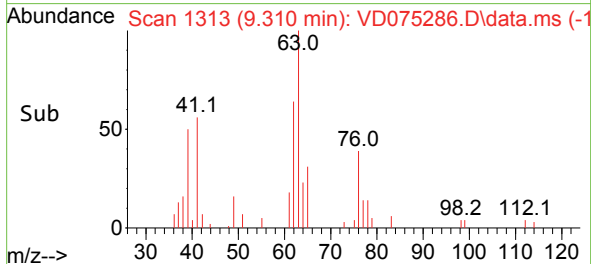
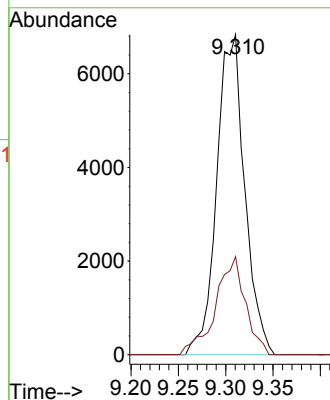
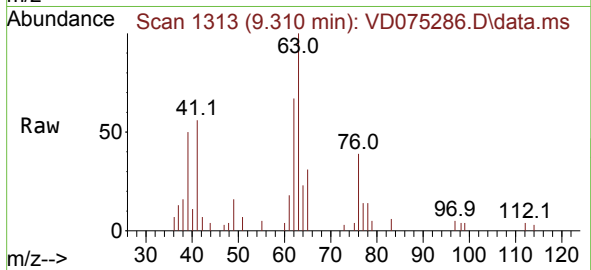
VD0209SBS01

Tgt Ion: 63 Resp: 14064

Ion Ratio Lower Upper

63 100

65 30.7 25.1 37.7



#46

Dibromomethane

Concen: 18.974 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

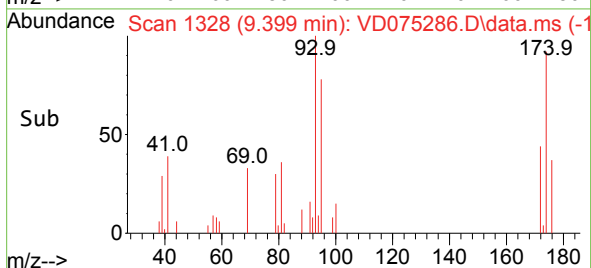
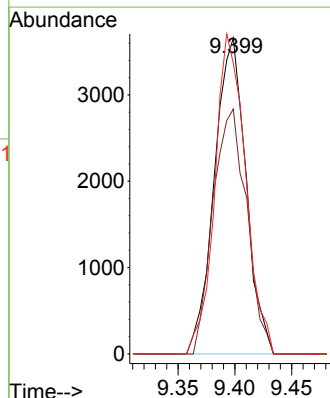
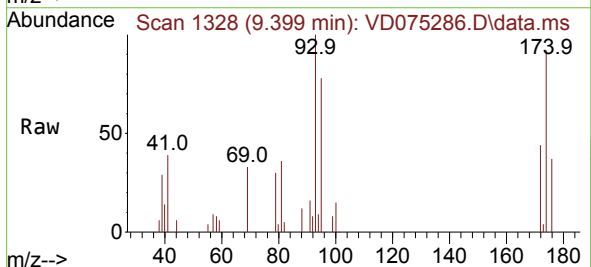
Tgt Ion: 93 Resp: 7070

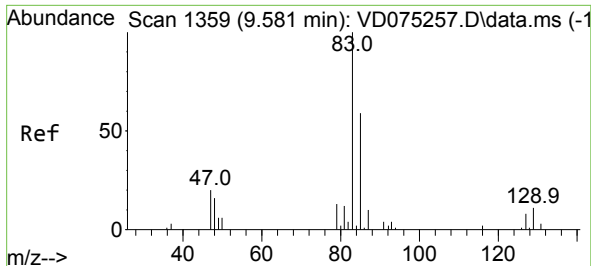
Ion Ratio Lower Upper

93 100

95 82.4 68.3 102.5

174 98.3 77.4 116.0

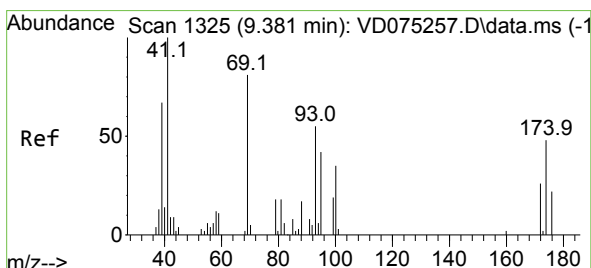
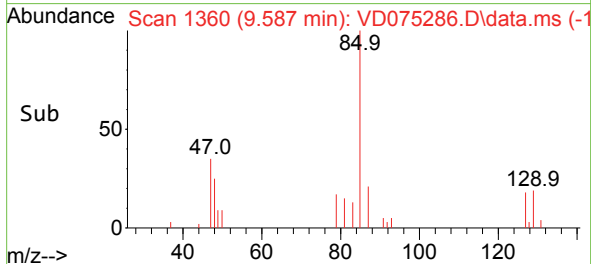
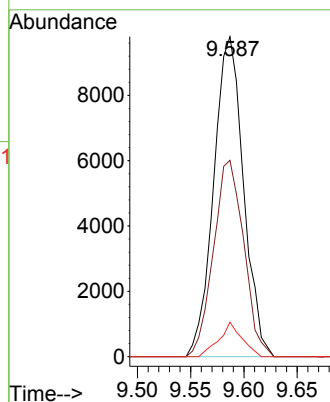
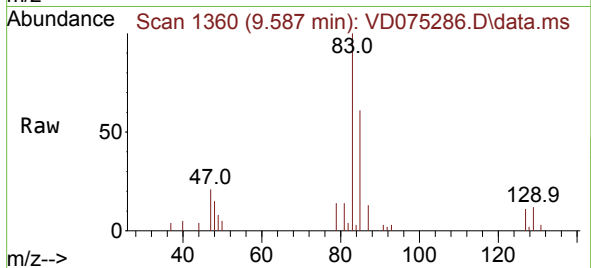




#47
Bromodichloromethane
Concen: 20.525 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

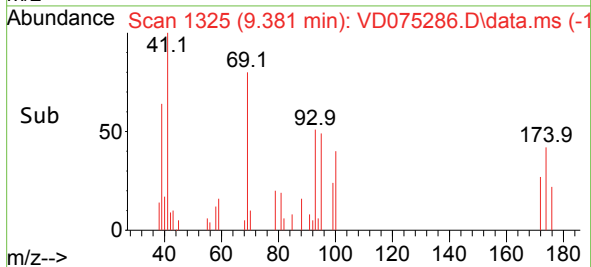
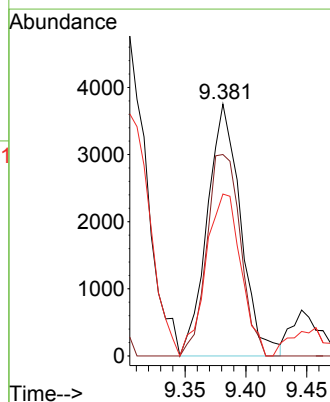
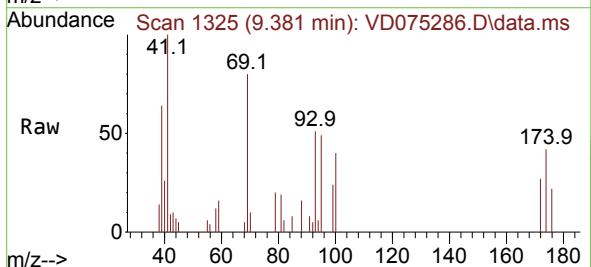
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

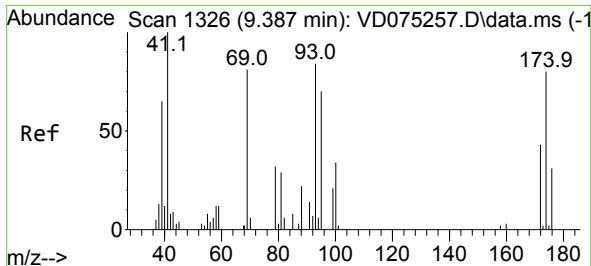
Tgt Ion: 83 Resp: 19034
Ion Ratio Lower Upper
83 100
85 61.4 53.0 79.4
127 10.8 7.0 10.4#



#48
Methyl methacrylate
Concen: 19.270 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 41 Resp: 7184
Ion Ratio Lower Upper
41 100
69 80.4 67.8 101.6
39 67.3 46.0 69.0





#49

1,4-Dioxane

Concen: 399.841 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

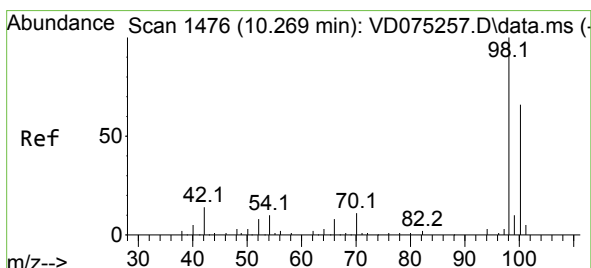
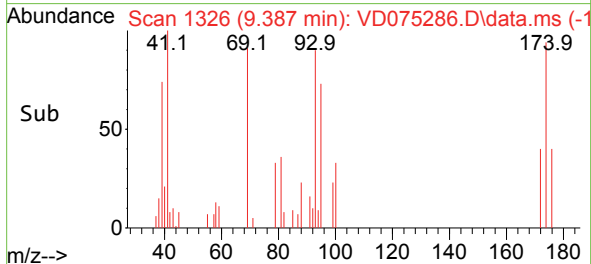
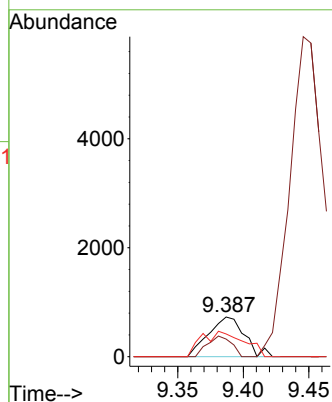
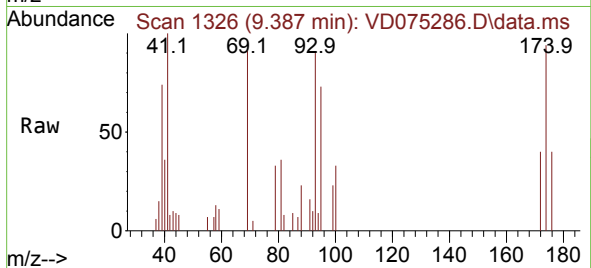
Tgt Ion: 88 Resp: 1381

Ion Ratio Lower Upper

88 100

43 35.0 35.6 53.4#

58 76.0 57.4 86.2



#50

Toluene-d8

Concen: 49.391 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075286.D

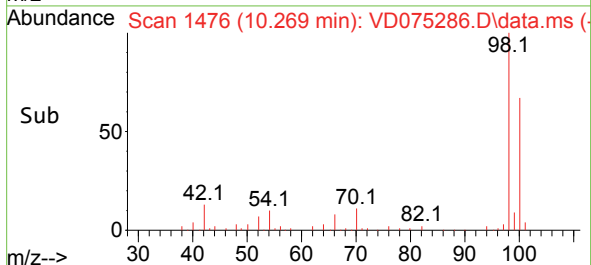
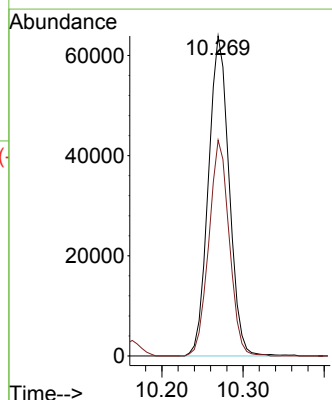
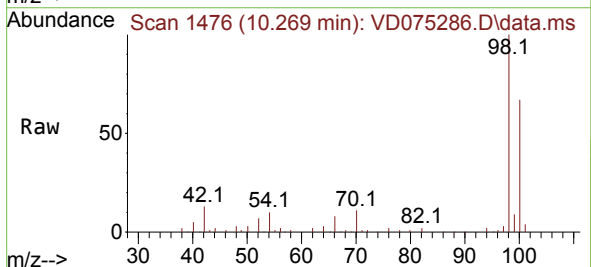
Acq: 09 Feb 2023 11:08

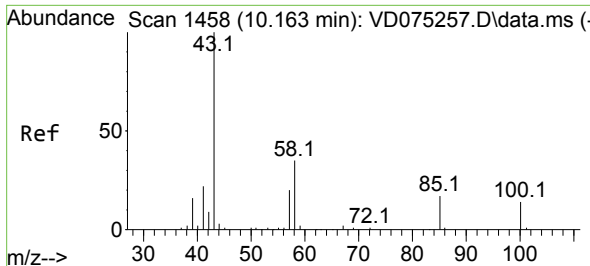
Tgt Ion: 98 Resp: 113269

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1

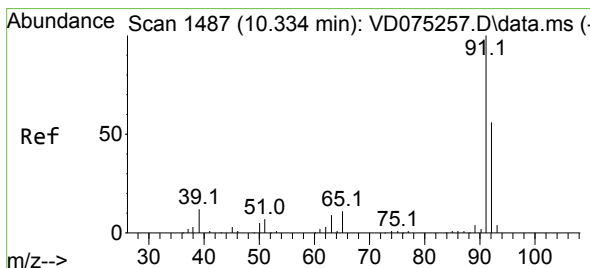
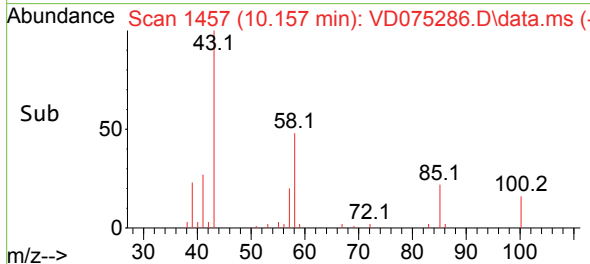
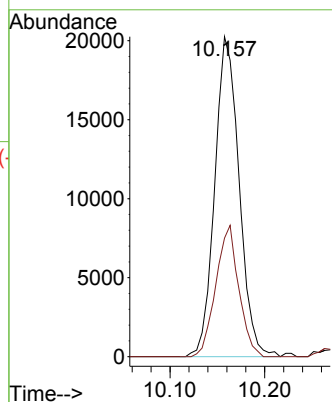
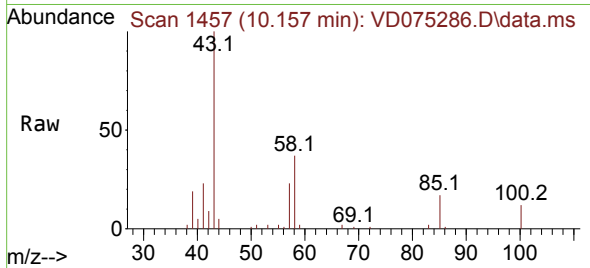




#51
4-Methyl-2-Pentanone
Concen: 91.209 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

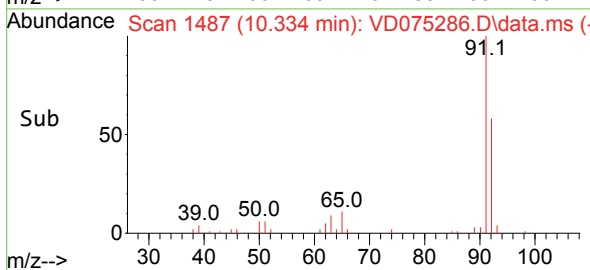
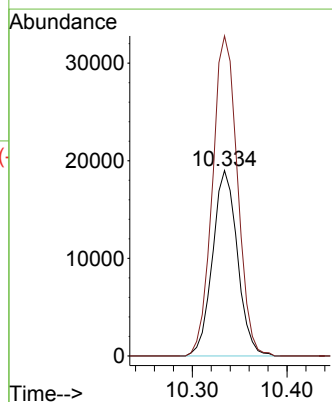
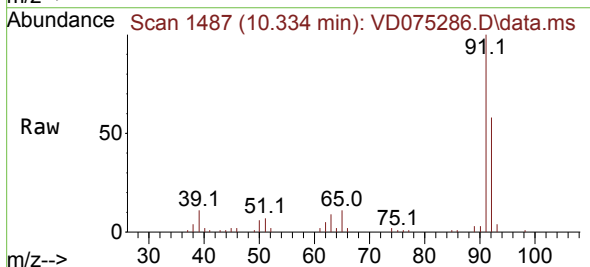
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

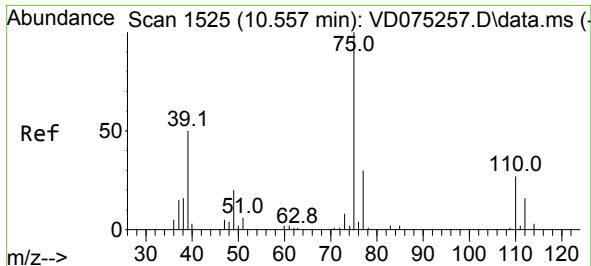
Tgt Ion: 43 Resp: 36198
Ion Ratio Lower Upper
43 100
58 38.6 31.4 47.0



#52
Toluene
Concen: 20.765 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 92 Resp: 34627
Ion Ratio Lower Upper
92 100
91 173.8 137.0 205.4

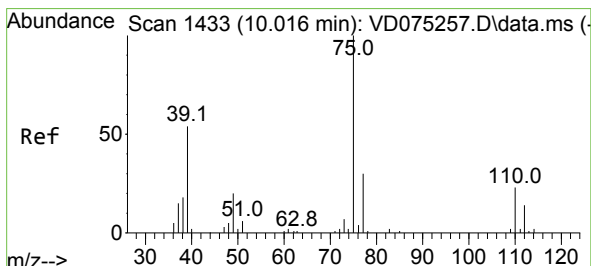
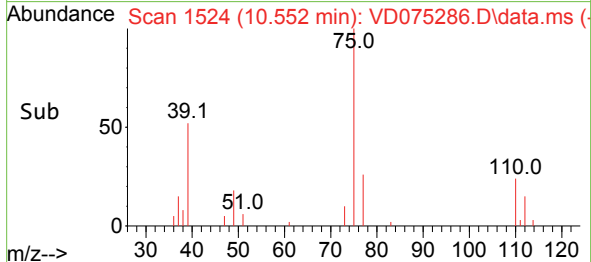
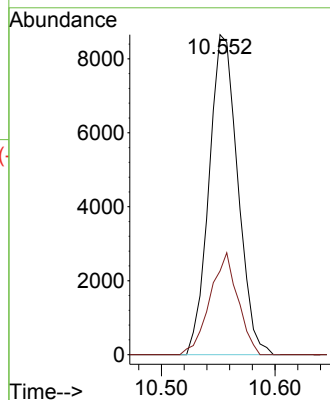
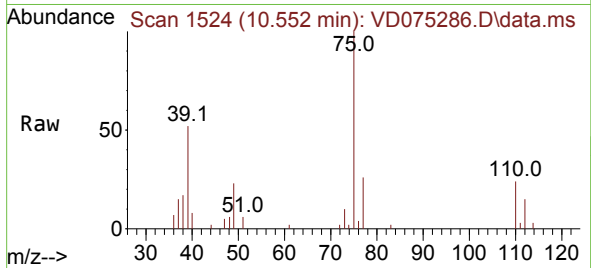




#53
 t-1,3-Dichloropropene
 Concen: 18.921 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

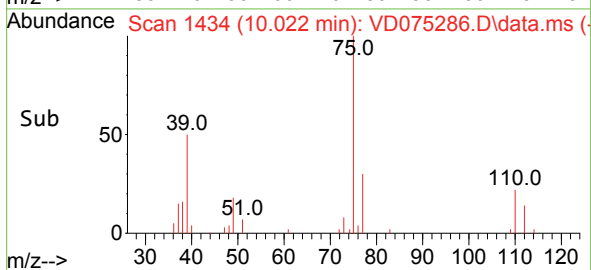
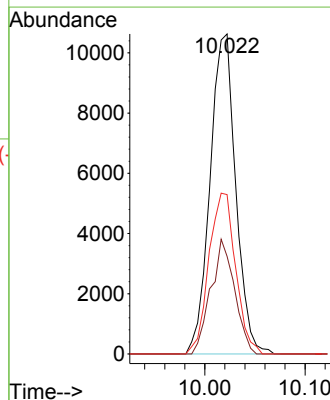
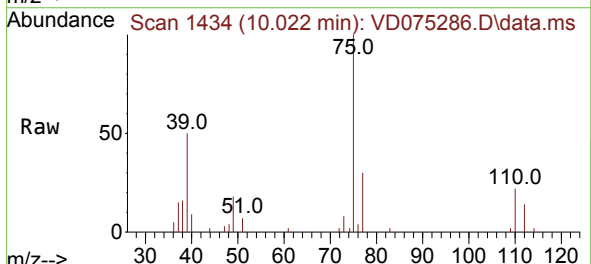
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

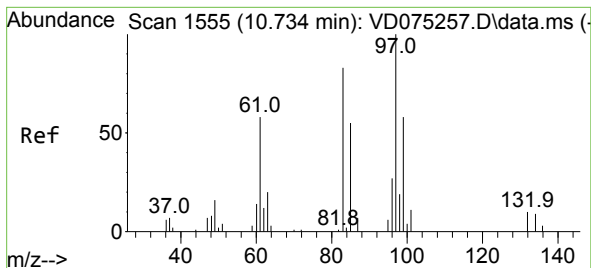
Tgt Ion: 75 Resp: 15199
 Ion Ratio Lower Upper
 75 100
 77 26.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.718 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

Tgt Ion: 75 Resp: 18937
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.1 37.7
 39 49.8 37.9 56.9





#55

1,1,2-Trichloroethane

Concen: 21.152 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

Tgt Ion: 97 Resp: 10061

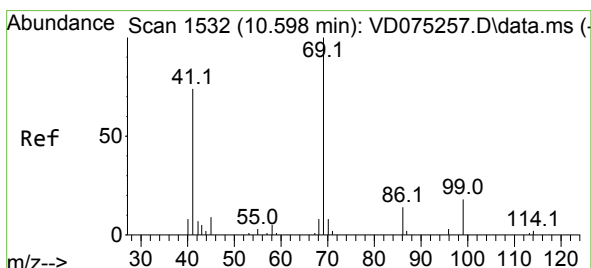
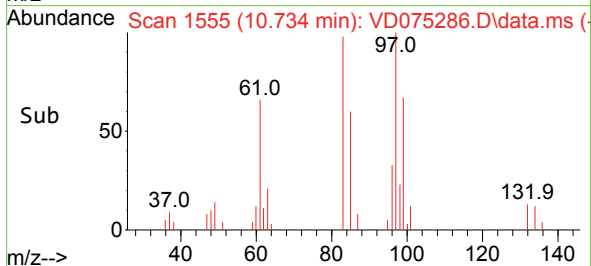
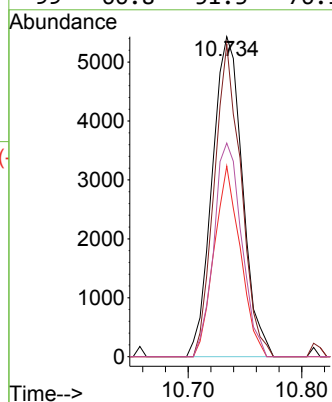
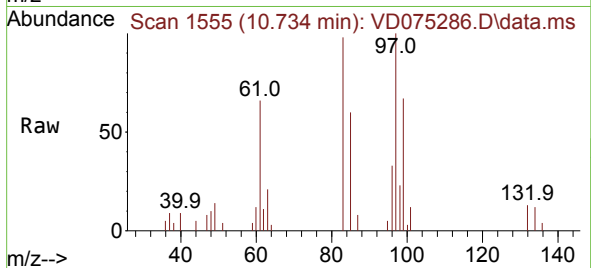
Ion Ratio Lower Upper

97 100

83 97.7 69.4 104.0

85 59.6 46.0 69.0

99 66.8 51.3 76.9



#56

Ethyl methacrylate

Concen: 19.793 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

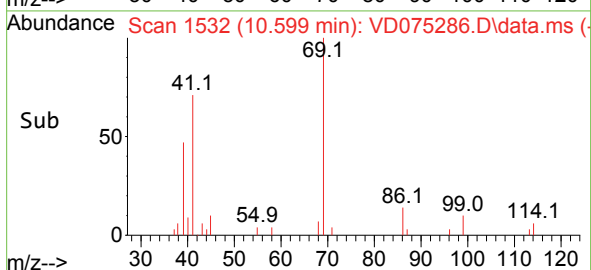
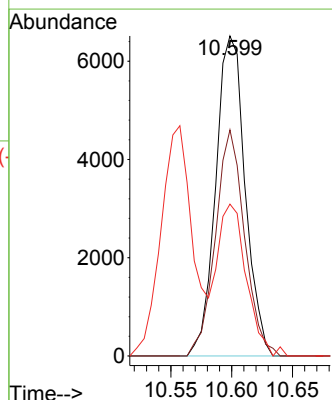
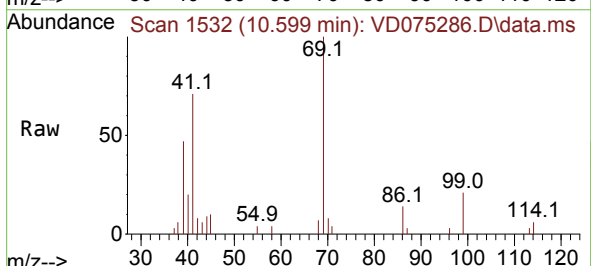
Tgt Ion: 69 Resp: 10945

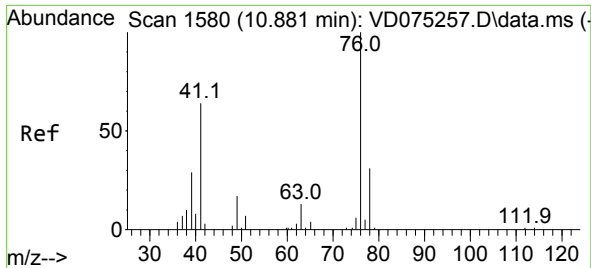
Ion Ratio Lower Upper

69 100

41 70.2 55.7 83.5

39 46.6 31.4 47.0

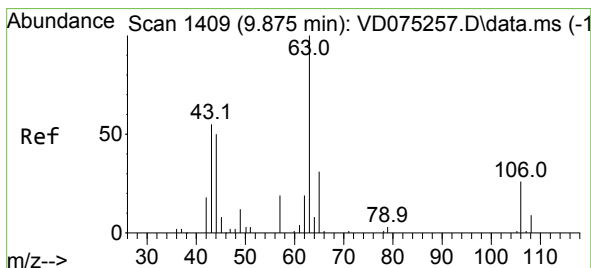
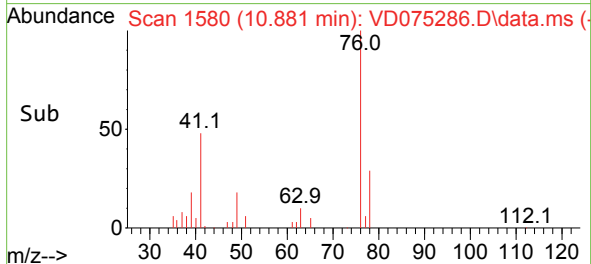
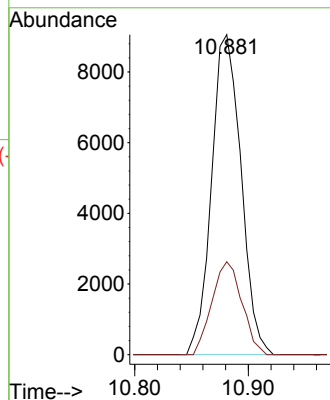
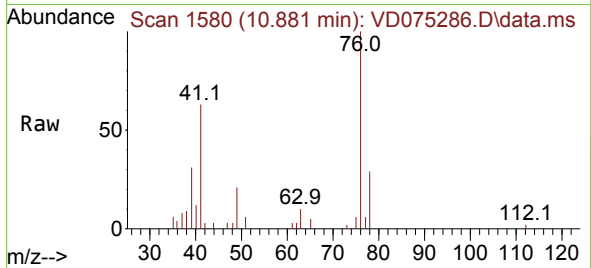




#57
1,3-Dichloropropane
Concen: 20.131 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

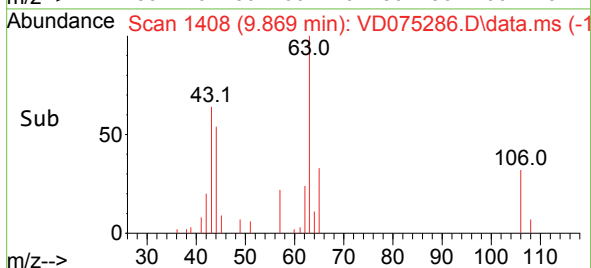
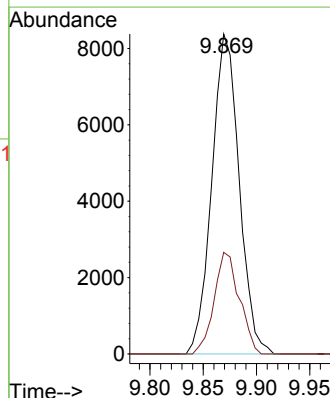
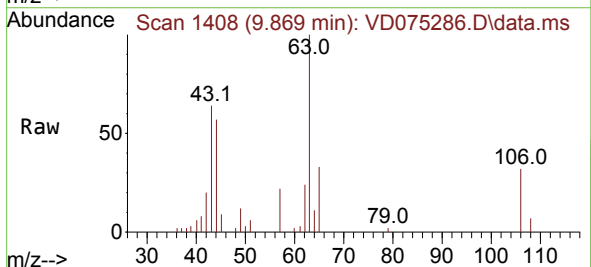
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

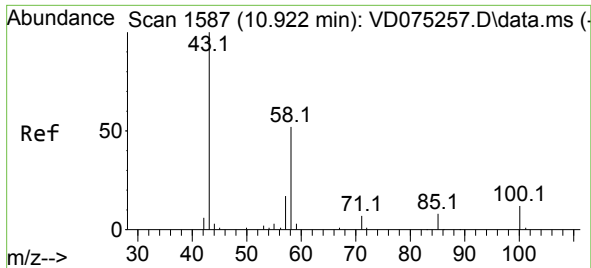
Tgt Ion: 76 Resp: 16312
Ion Ratio Lower Upper
76 100
78 29.5 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 103.394 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 63 Resp: 14939
Ion Ratio Lower Upper
63 100
106 29.3 22.6 33.8

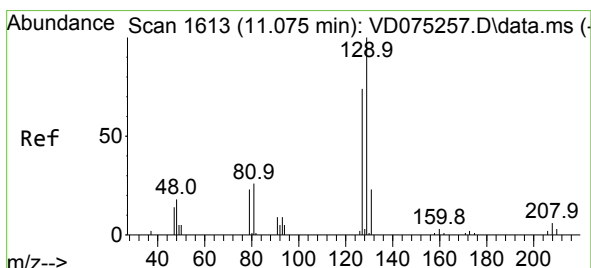
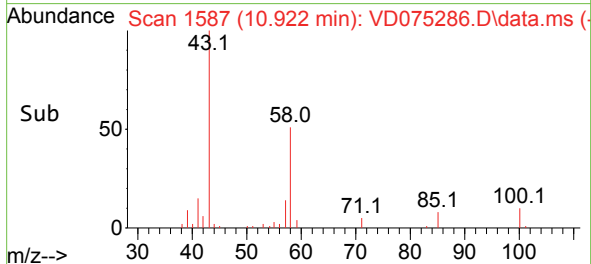
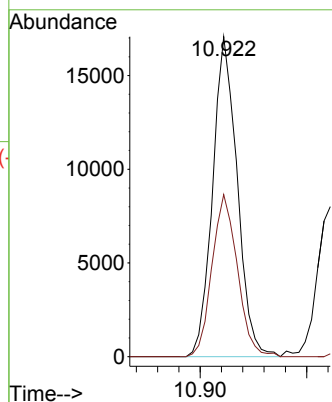
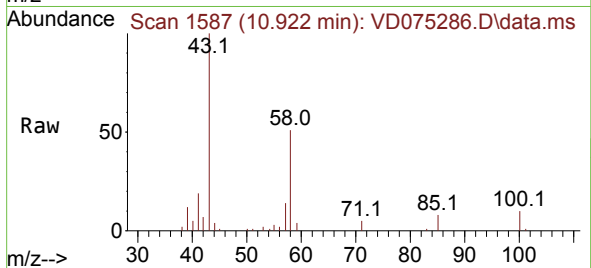




#59
2-Hexanone
Concen: 94.200 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

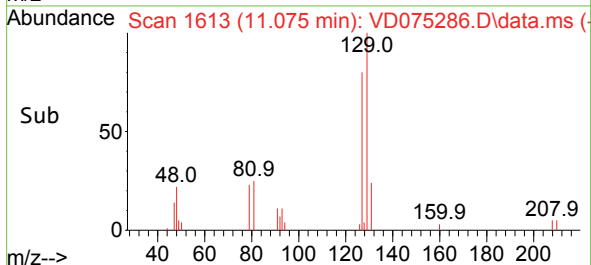
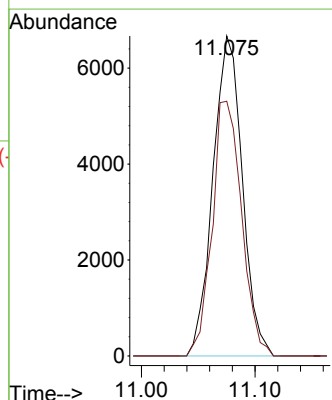
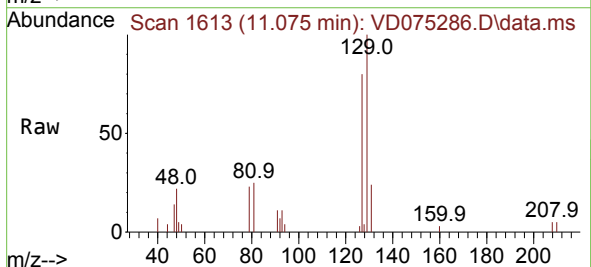
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

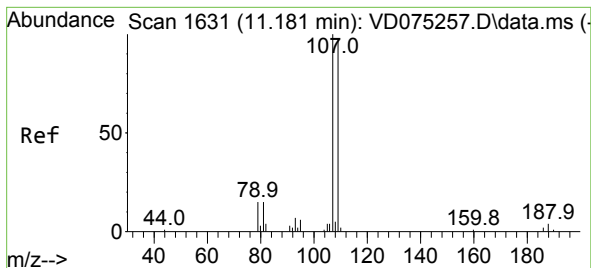
Tgt Ion: 43 Resp: 27313
Ion Ratio Lower Upper
43 100
58 52.3 26.8 80.4



#60
Dibromochloromethane
Concen: 20.325 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 129 Resp: 11978
Ion Ratio Lower Upper
129 100
127 79.8 38.9 116.6

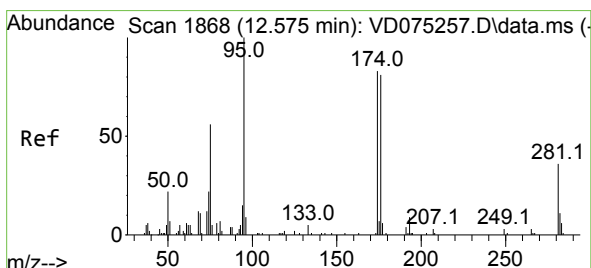
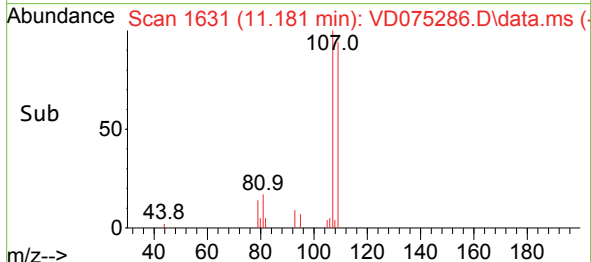
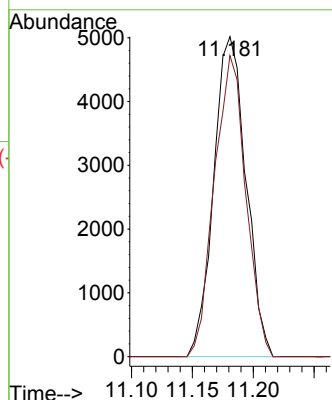
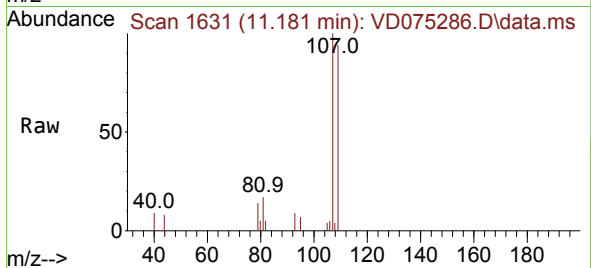




#61
1,2-Dibromoethane
Concen: 20.181 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

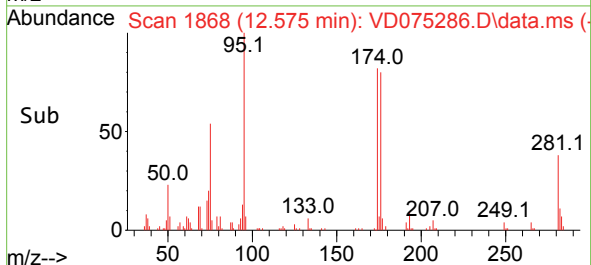
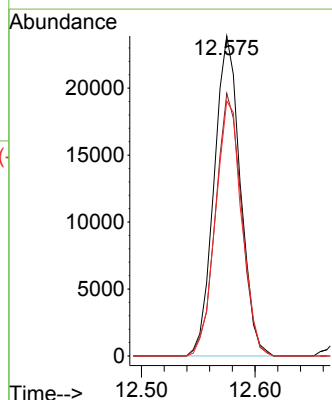
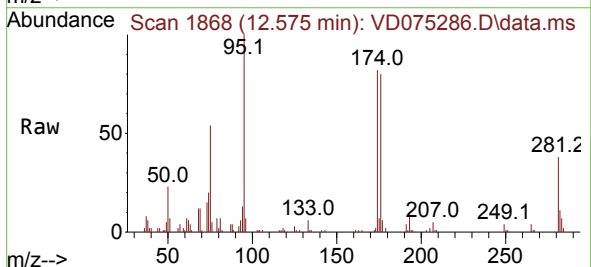
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

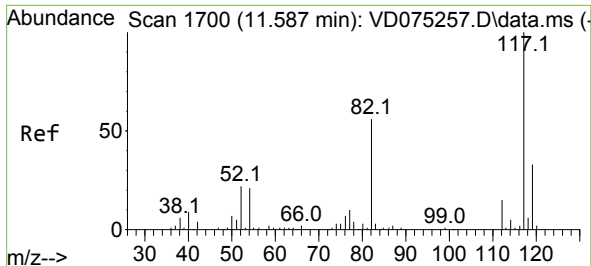
Tgt Ion:107 Resp: 9256
Ion Ratio Lower Upper
107 100
109 91.7 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 50.567 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 95 Resp: 38238
Ion Ratio Lower Upper
95 100
174 81.5 0.0 161.2
176 80.3 0.0 160.2

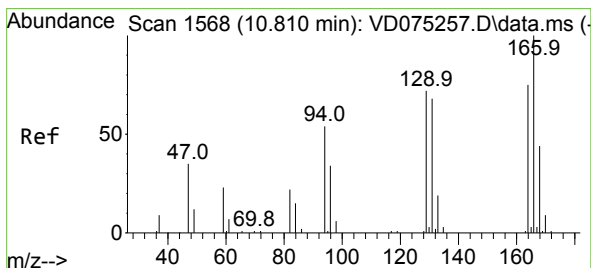
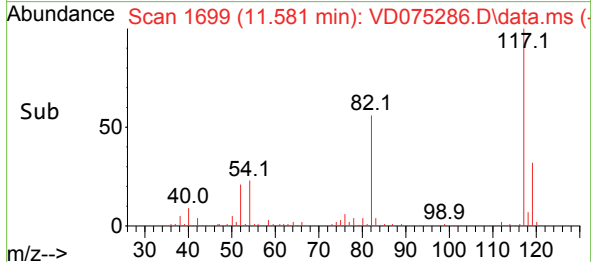
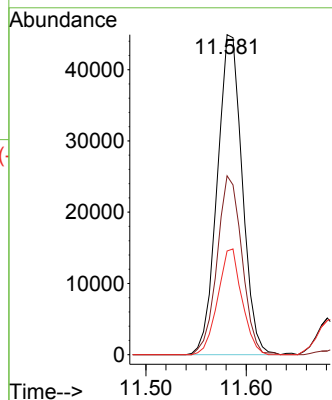
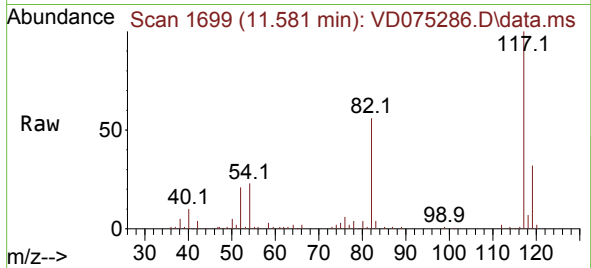




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

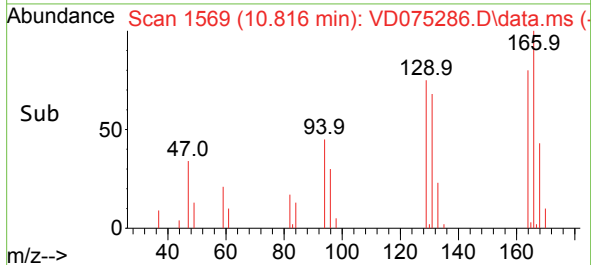
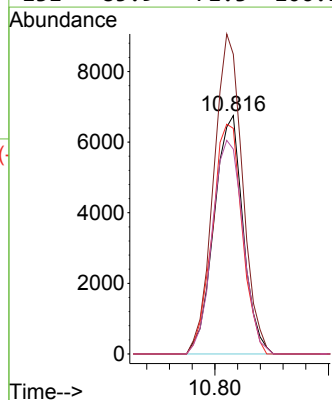
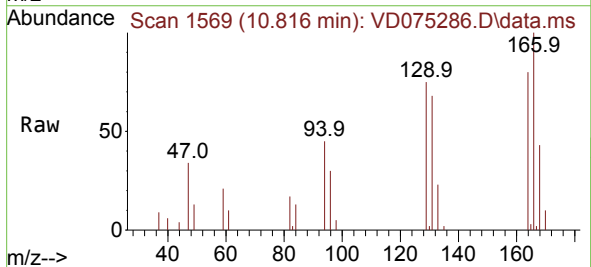
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

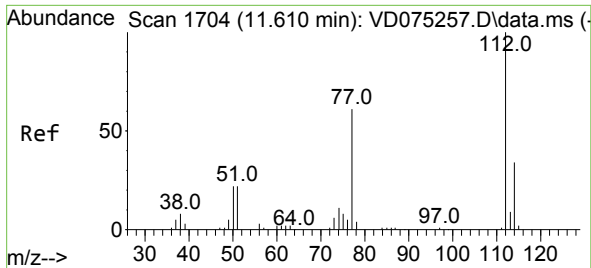
Tgt Ion:117 Resp: 77614
Ion Ratio Lower Upper
117 100
82 55.9 39.6 59.4
119 32.4 24.6 37.0



#64
Tetrachloroethene
Concen: 20.075 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion:164 Resp: 12000
Ion Ratio Lower Upper
164 100
166 125.7 105.3 157.9
129 94.6 76.2 114.4
131 85.9 71.3 106.9

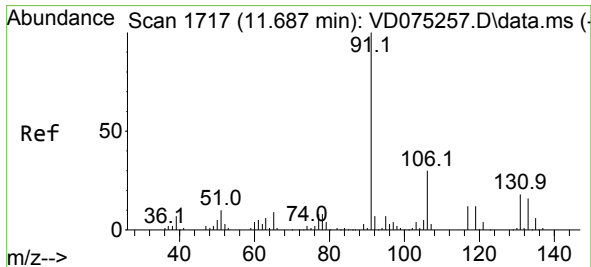
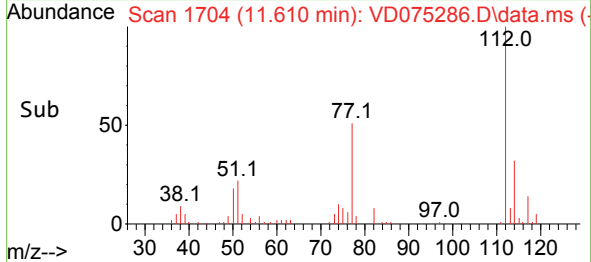
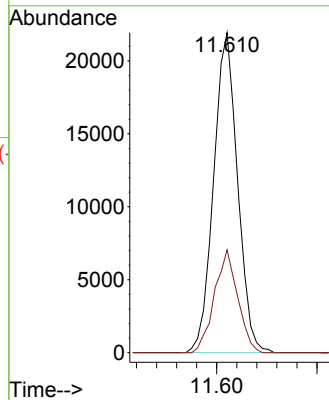
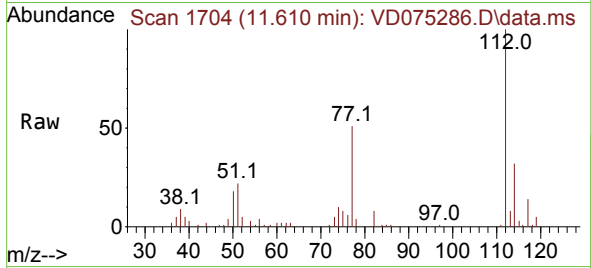




#65
Chlorobenzene
Concen: 20.735 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

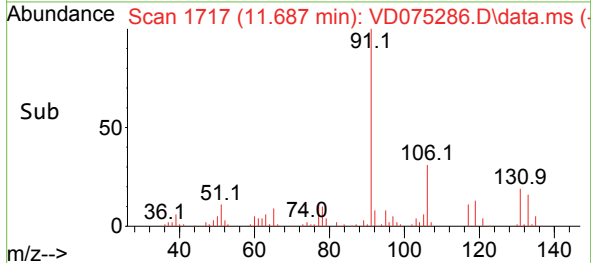
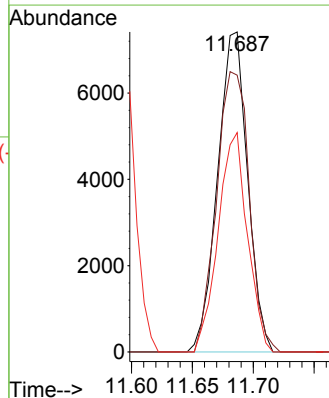
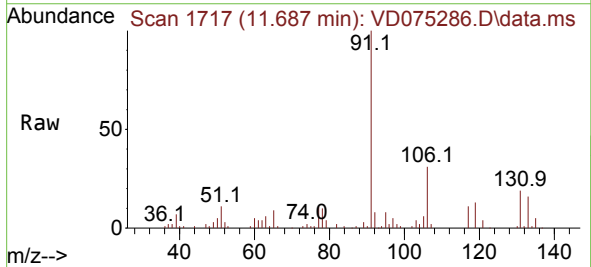
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

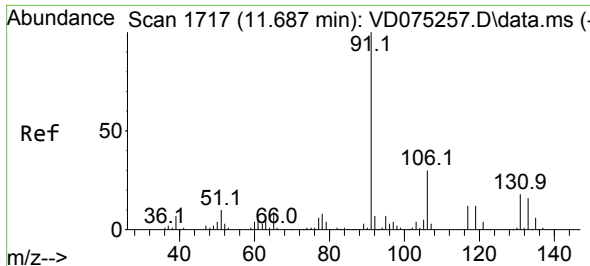
Tgt Ion:112 Resp: 36293
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.956 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion:131 Resp: 12717
Ion Ratio Lower Upper
131 100
133 95.3 49.0 147.2
119 66.8 34.8 104.5

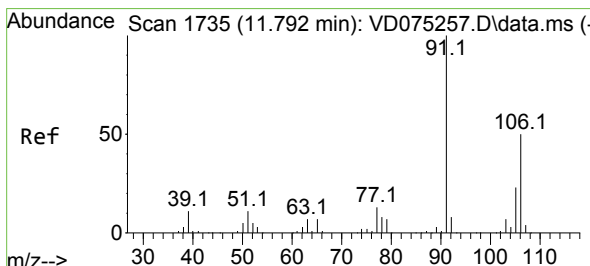
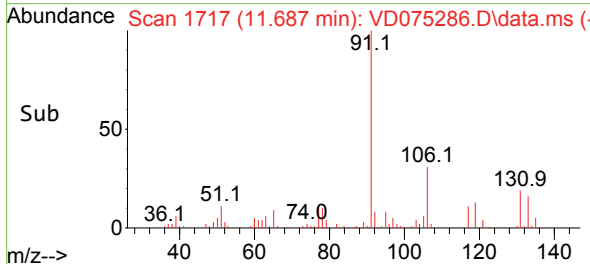
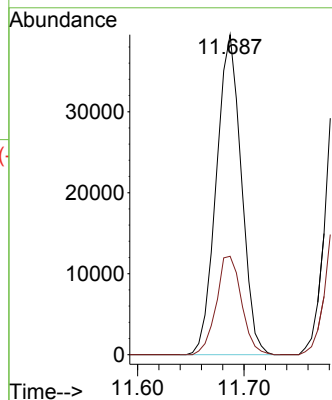
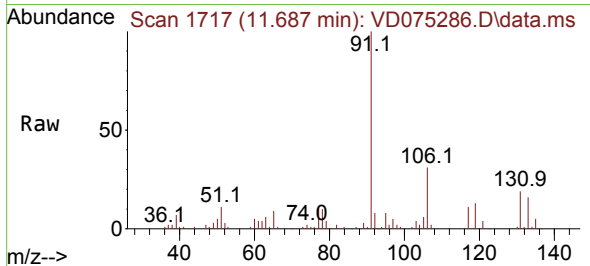




#67
Ethyl Benzene
Concen: 19.907 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

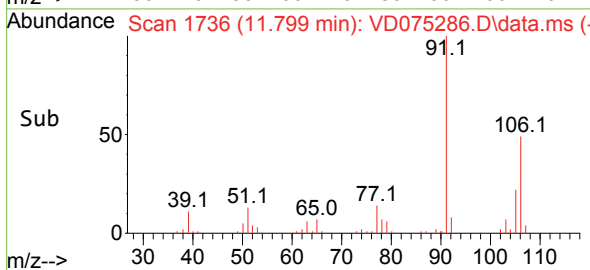
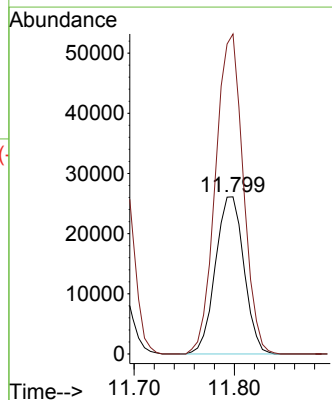
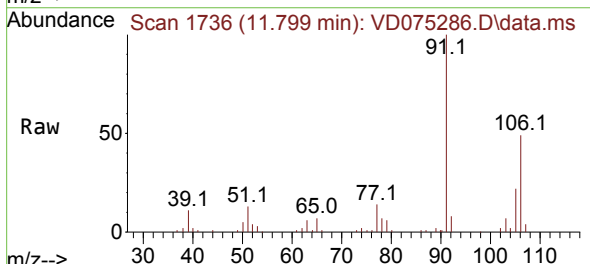
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

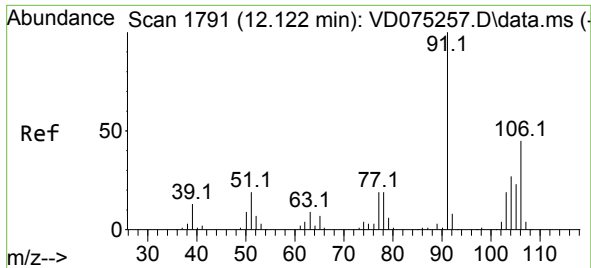
Tgt Ion: 91 Resp: 64329
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 41.938 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.007 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 106 Resp: 51551
Ion Ratio Lower Upper
106 100
91 197.7 160.3 240.5

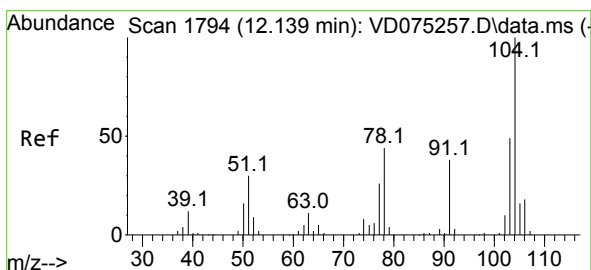
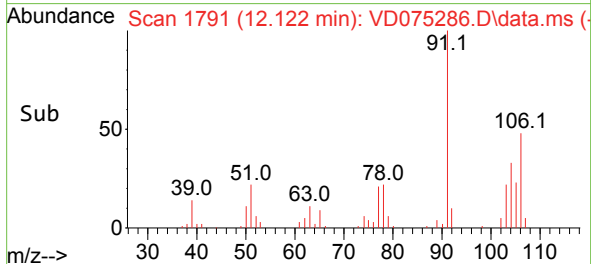
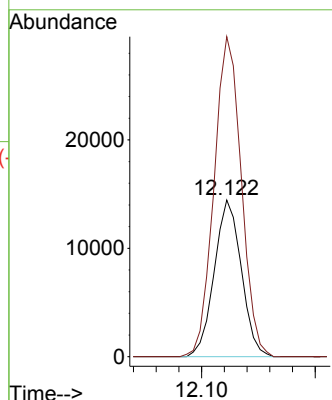
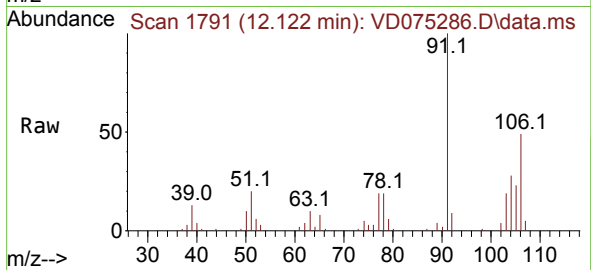




#69
o-Xylene
Concen: 20.800 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

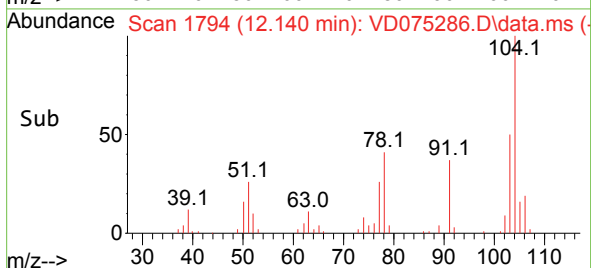
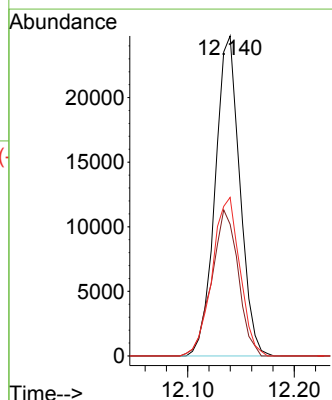
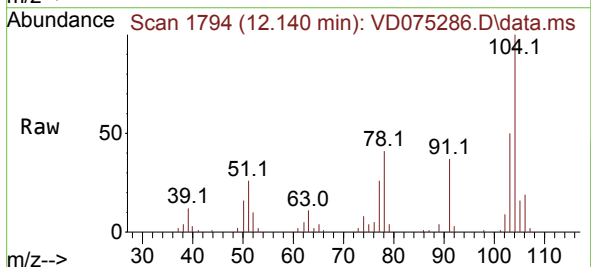
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

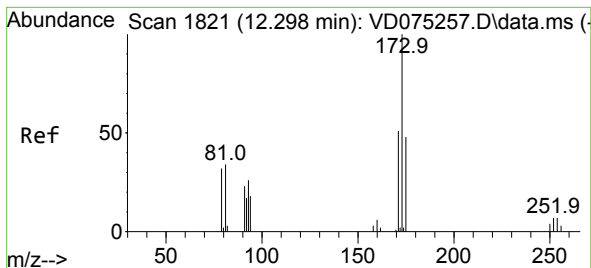
Tgt Ion:106 Resp: 23882
Ion Ratio Lower Upper
106 100
91 206.1 103.6 310.9



#70
Styrene
Concen: 20.473 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion:104 Resp: 39820
Ion Ratio Lower Upper
104 100
78 49.1 38.9 58.3
103 55.5 43.6 65.4





#71

Bromoform

Concen: 19.927 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

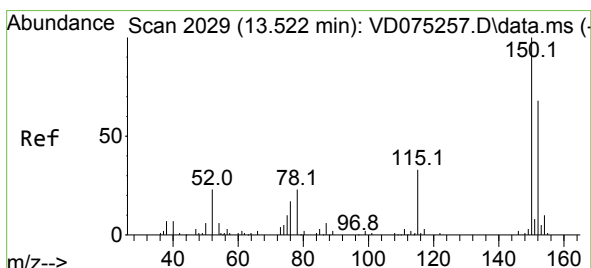
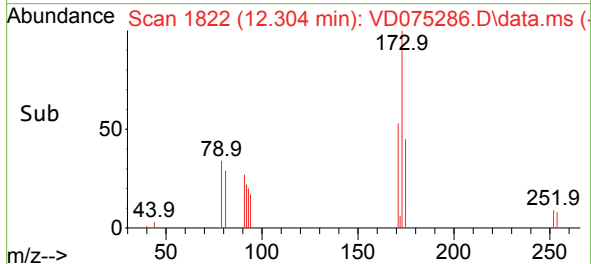
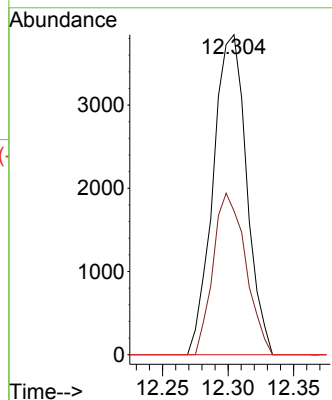
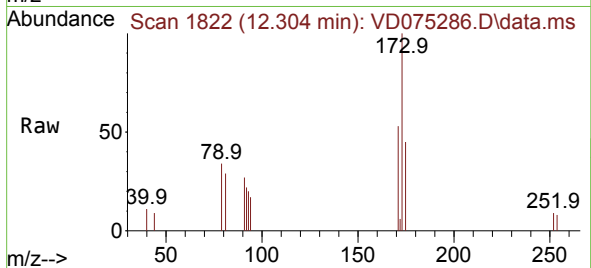
Tgt Ion:173 Resp: 6821

Ion Ratio Lower Upper

173 100

175 49.1 25.4 76.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

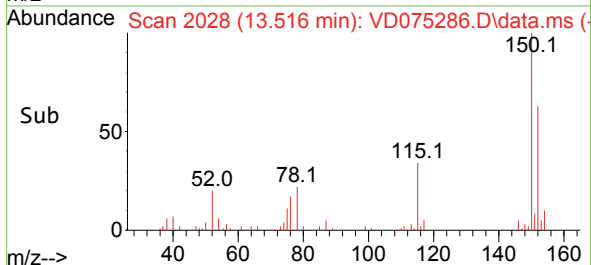
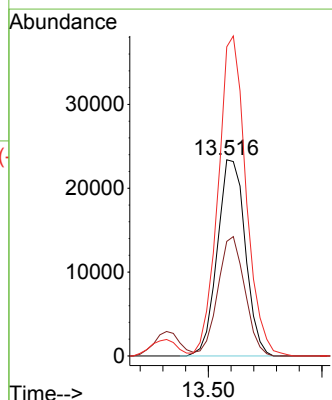
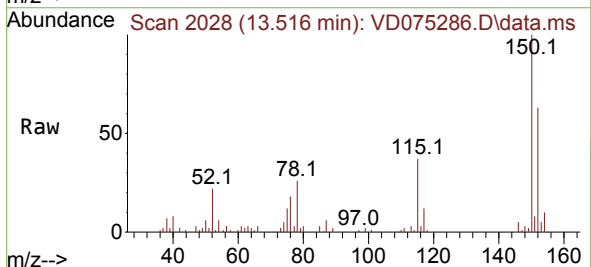
Tgt Ion:152 Resp: 39974

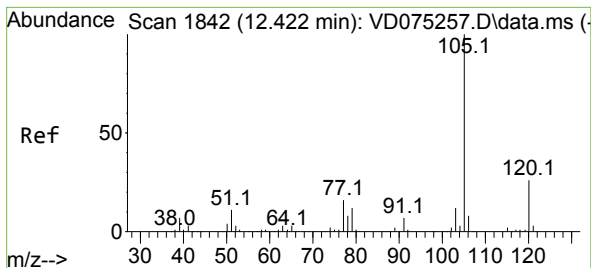
Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.4

150 162.5 0.0 348.6





#73

Isopropylbenzene

Concen: 19.497 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

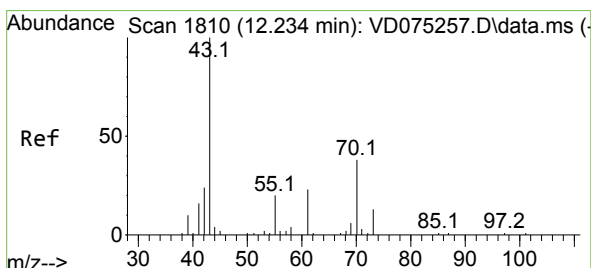
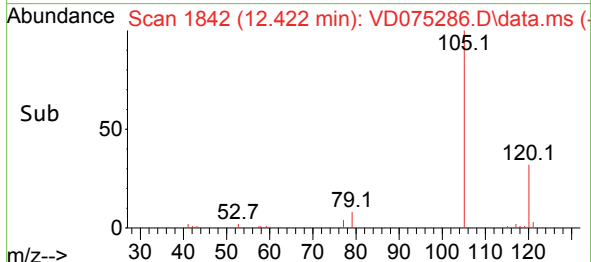
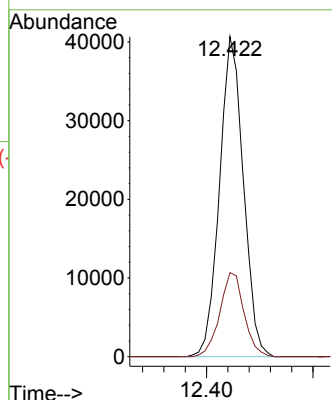
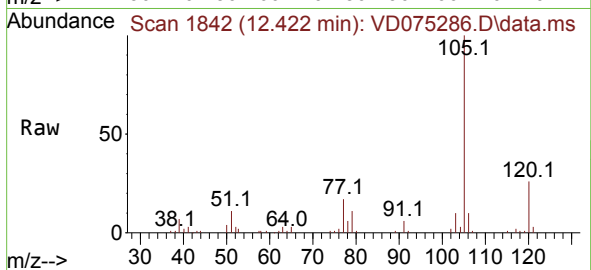
VD0209SBS01

Tgt Ion:105 Resp: 63137

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.1



#74

N-ethyl acetate

Concen: 17.913 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Tgt Ion: 43 Resp: 13035

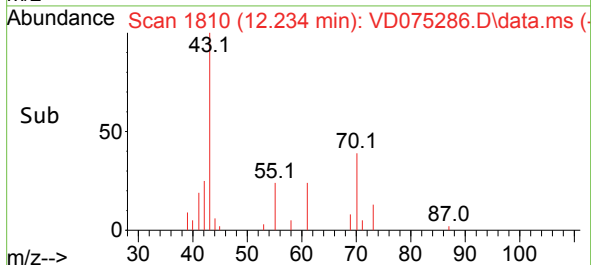
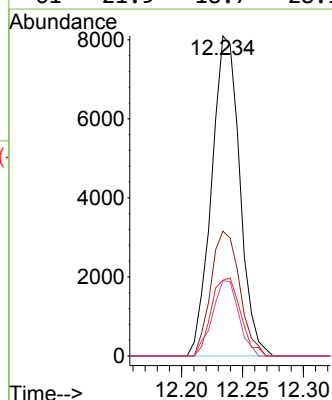
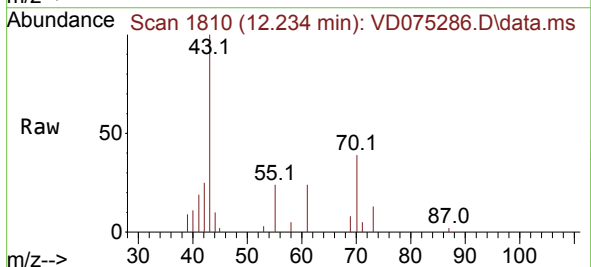
Ion Ratio Lower Upper

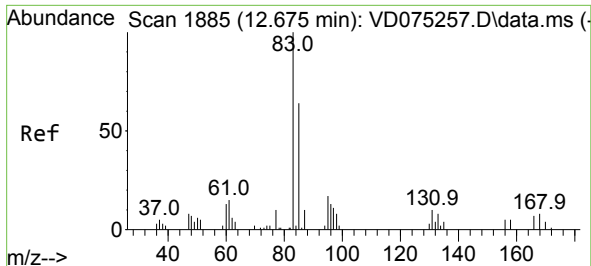
43 100

70 39.8 32.6 49.0

55 25.2 17.8 26.8

61 21.9 18.7 28.1

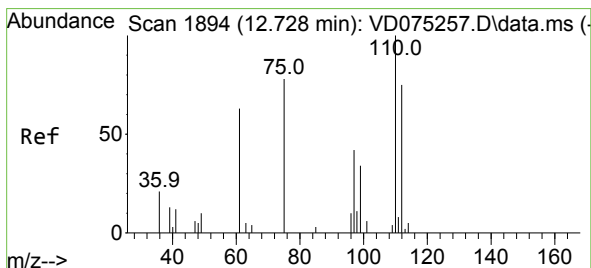
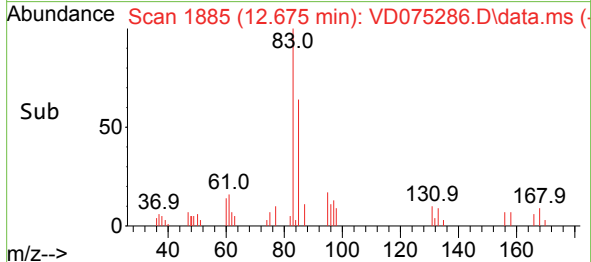
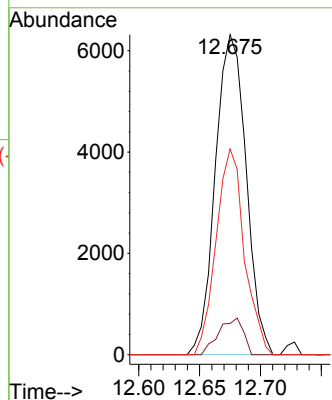
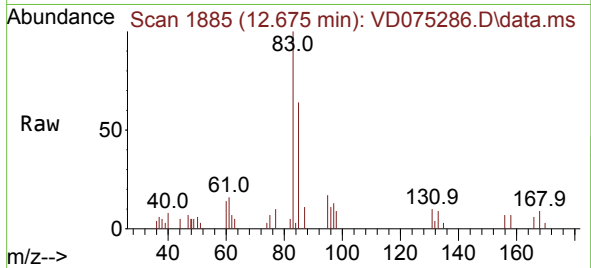




#75
1,1,2,2-Tetrachloroethane
Concen: 19.714 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

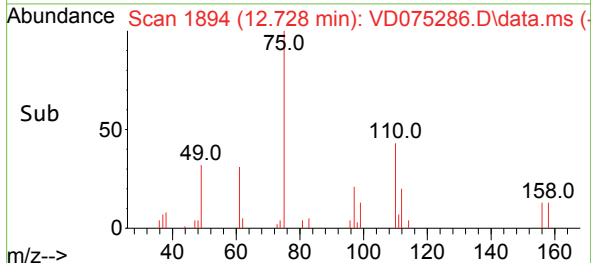
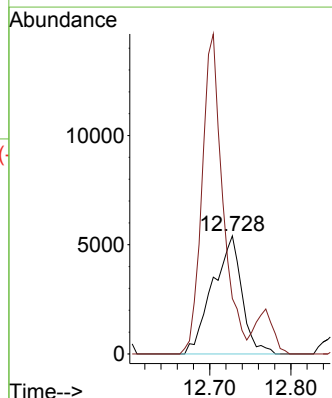
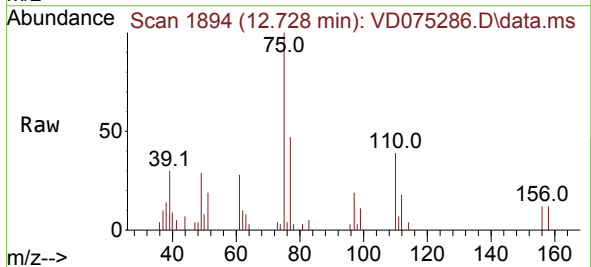
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

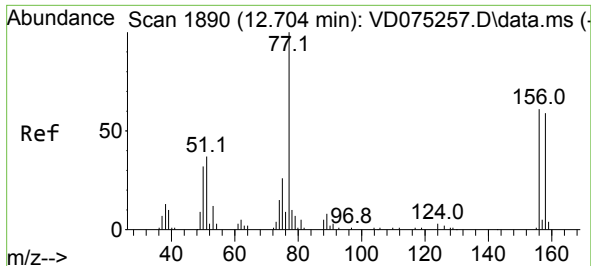
Tgt Ion: 83 Resp: 11107
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 58.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.832 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 75 Resp: 13545
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

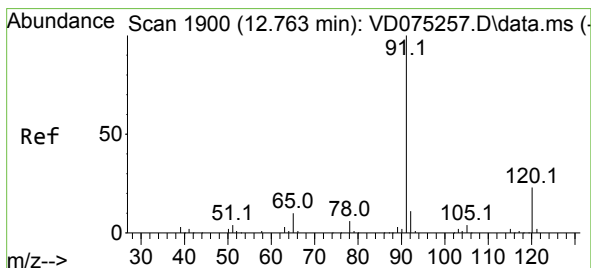
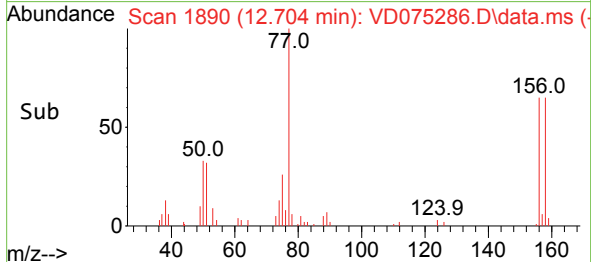
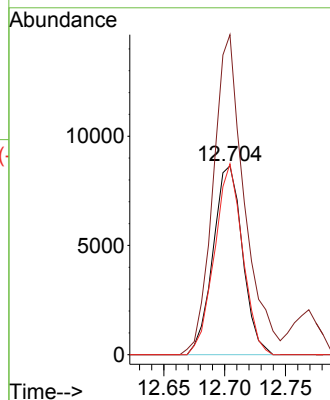
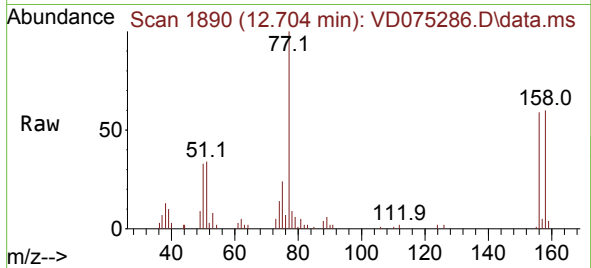




#77
Bromobenzene
Concen: 19.847 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

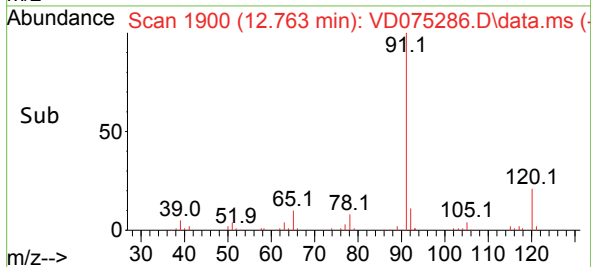
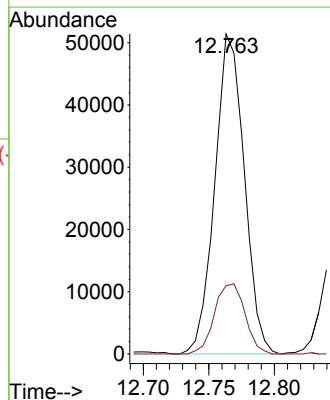
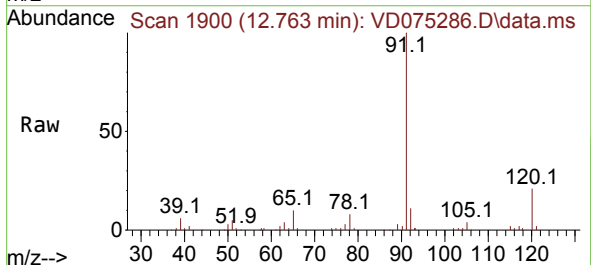
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

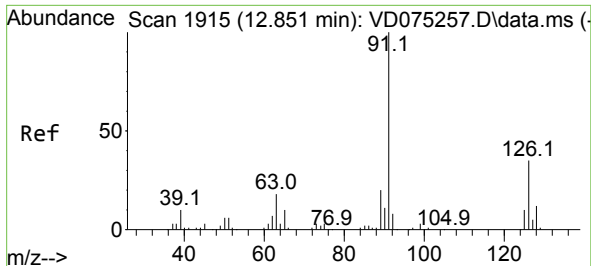
Tgt Ion:156 Resp: 14554
Ion Ratio Lower Upper
156 100
77 179.5 85.6 256.8
158 96.5 47.3 141.9



#78
n-propylbenzene
Concen: 19.932 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 91 Resp: 80316
Ion Ratio Lower Upper
91 100
120 22.6 11.7 35.0

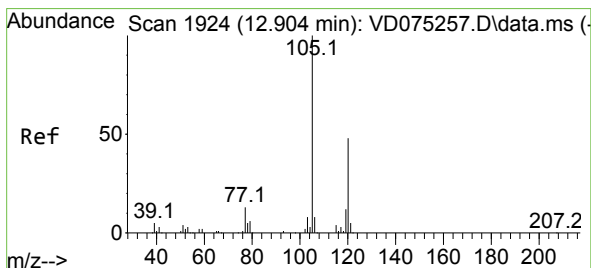
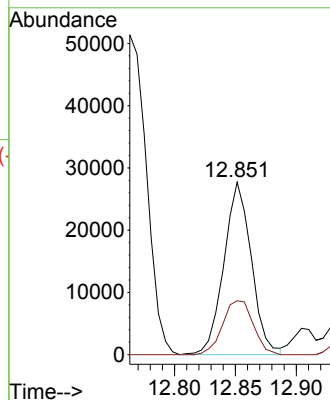
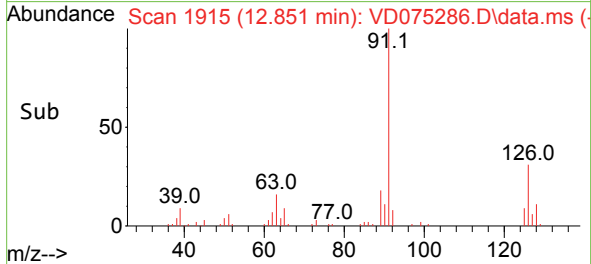
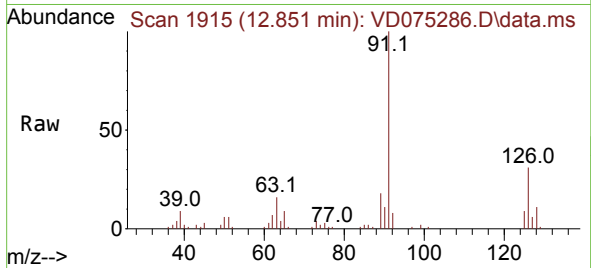




#79
2-Chlorotoluene
Concen: 19.759 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

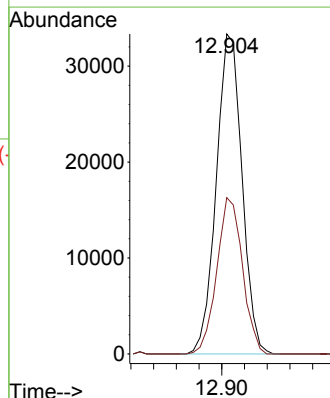
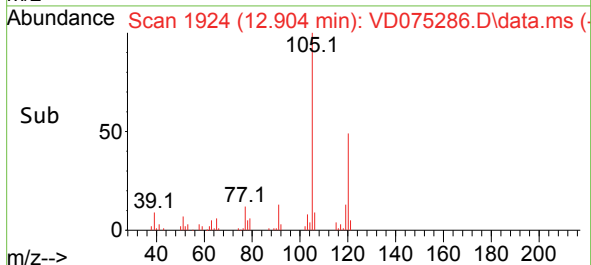
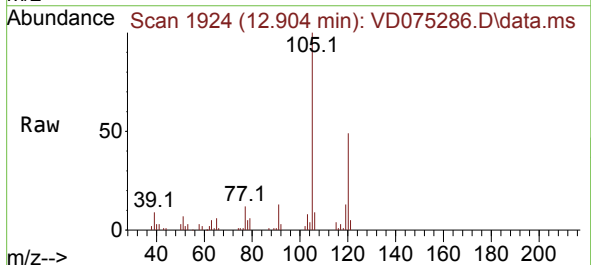
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

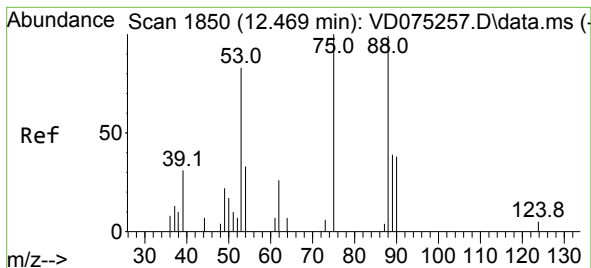
Tgt Ion: 91 Resp: 43672
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.468 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 105 Resp: 52493
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.8

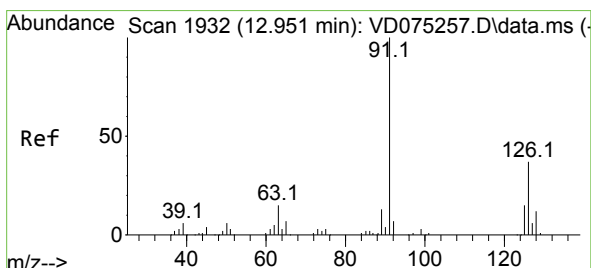
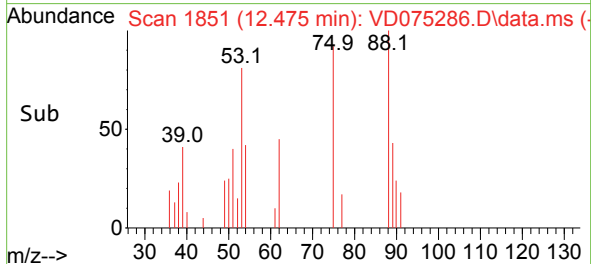
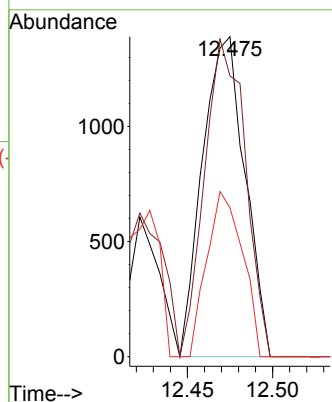
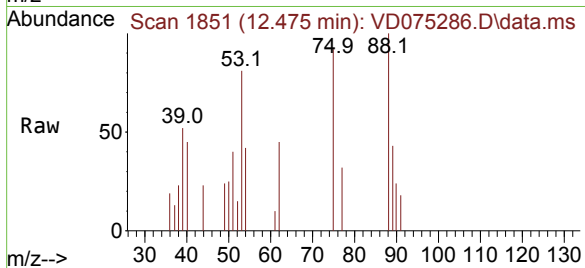




#81
trans-1,4-Dichloro-2-butene
Concen: 18.602 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

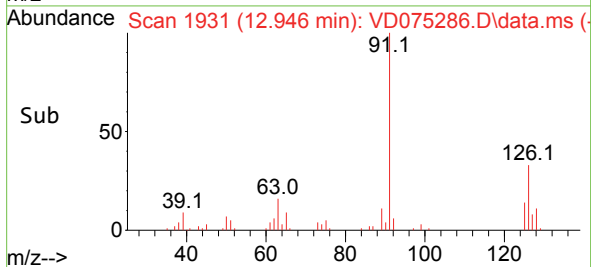
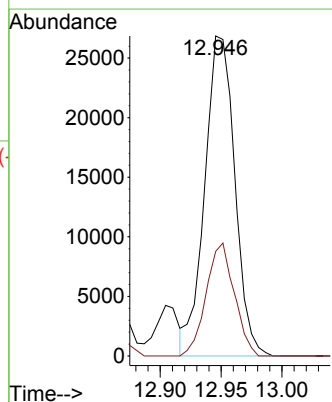
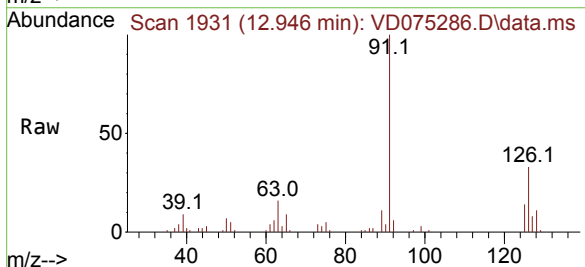
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

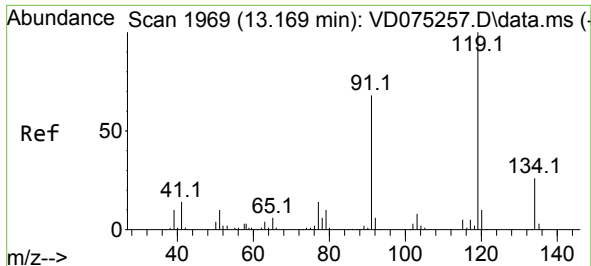
Tgt Ion: 75 Resp: 2410
Ion Ratio Lower Upper
75 100
53 95.0 70.5 105.7
89 43.4 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.035 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.005 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 91 Resp: 46194
Ion Ratio Lower Upper
91 100
126 32.9 17.3 52.0

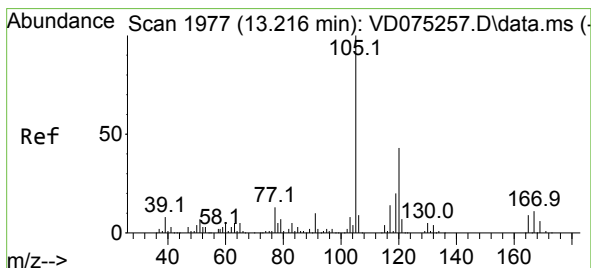
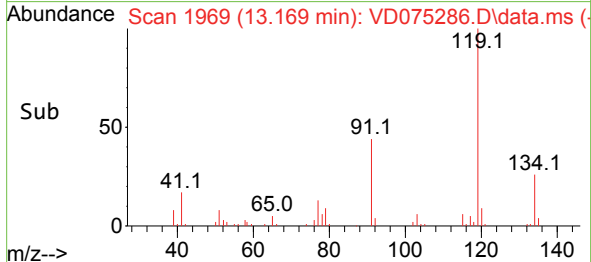
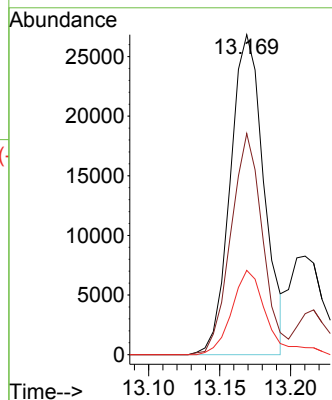
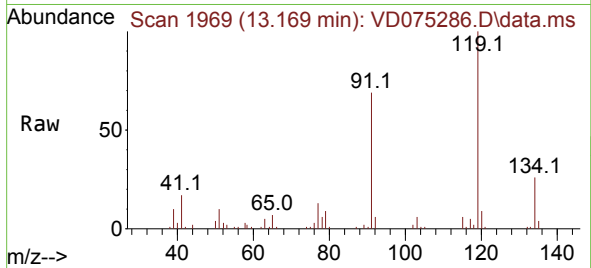




#83
tert-Butylbenzene
Concen: 19.019 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

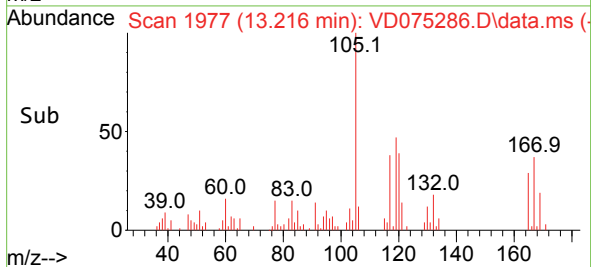
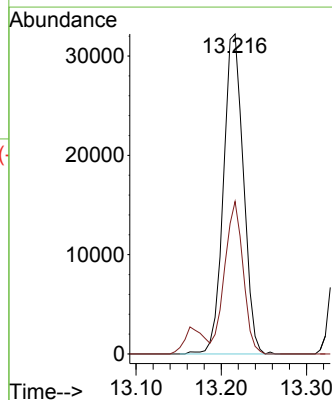
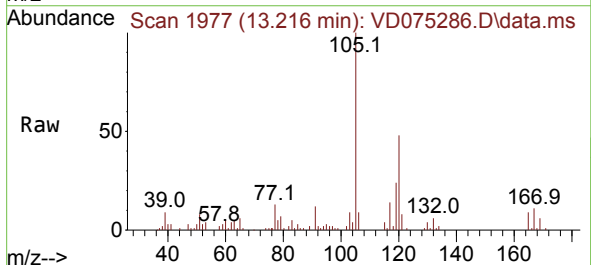
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

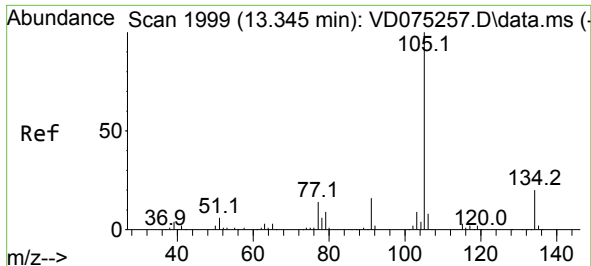
Tgt Ion:119 Resp: 44210
Ion Ratio Lower Upper
119 100
91 65.5 32.9 98.6
134 27.4 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 19.460 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion:105 Resp: 52407
Ion Ratio Lower Upper
105 100
120 44.2 23.2 69.5

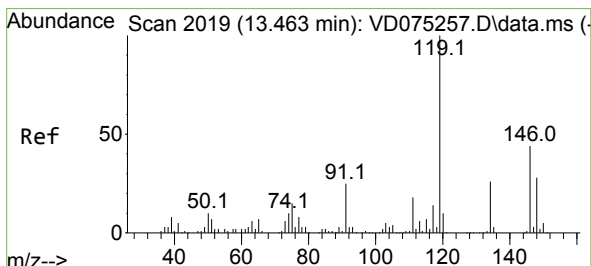
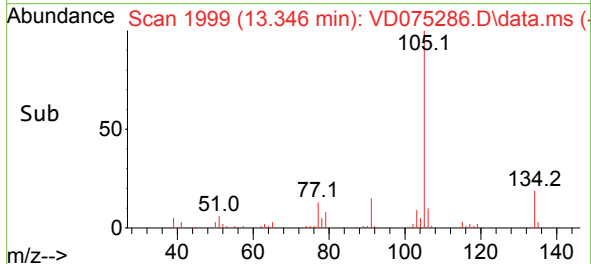
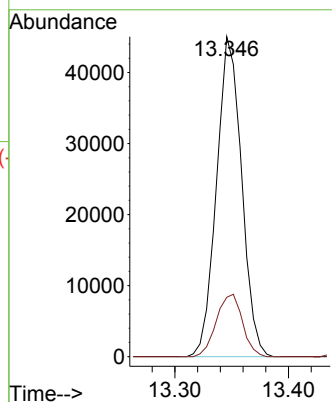
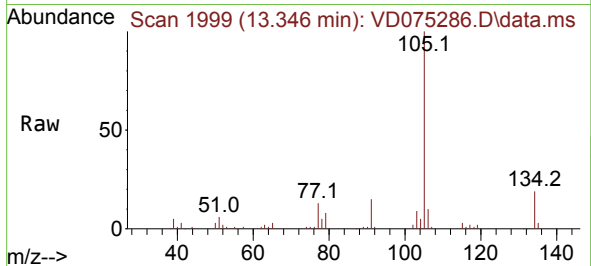




#85
 sec-Butylbenzene
 Concen: 19.361 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.001 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

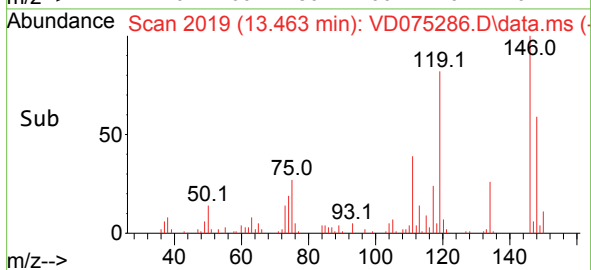
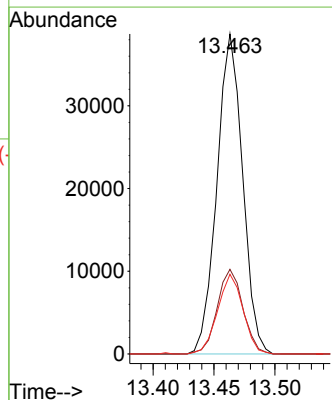
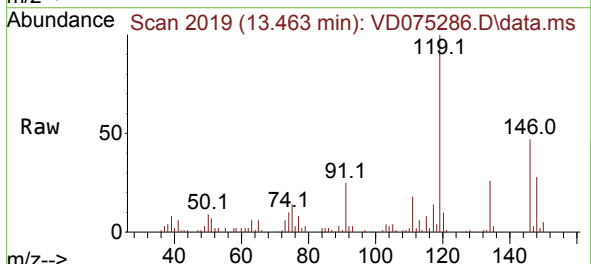
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

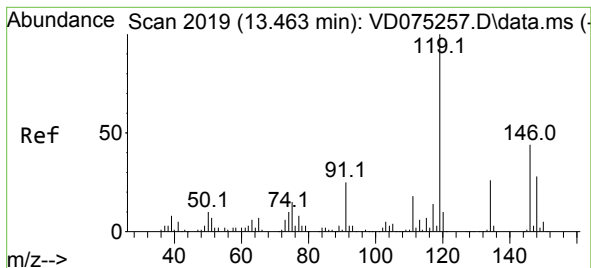
Tgt Ion:105 Resp: 69043
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.451 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075286.D
 Acq: 09 Feb 2023 11:08

Tgt Ion:119 Resp: 56742
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 24.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.724 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

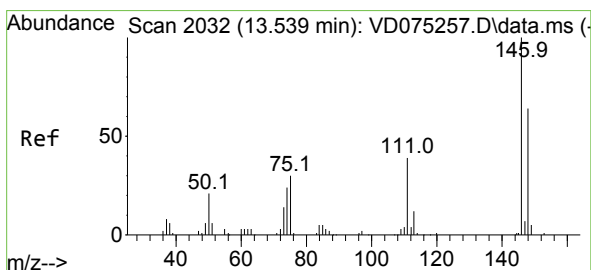
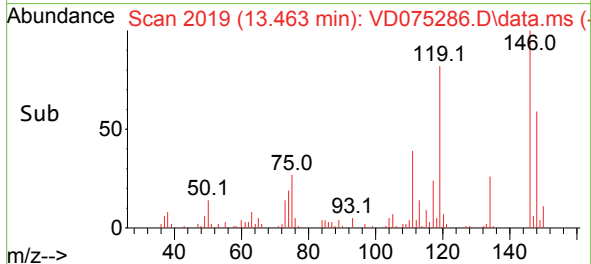
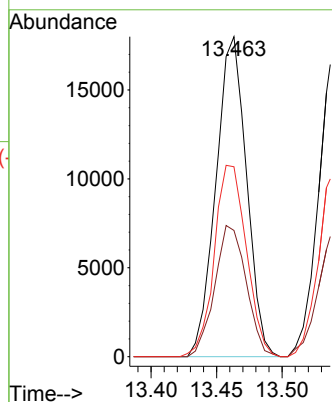
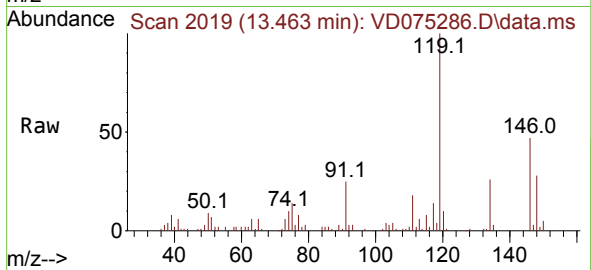
Tgt Ion:146 Resp: 29234

Ion Ratio Lower Upper

146 100

111 42.2 18.9 56.9

148 62.6 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 20.238 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

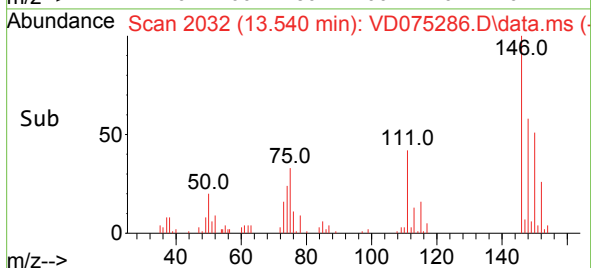
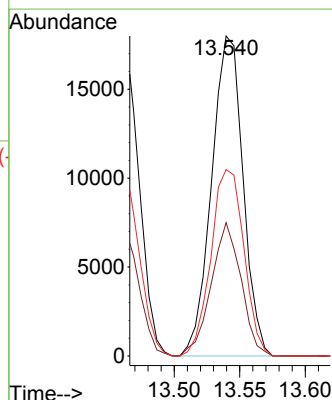
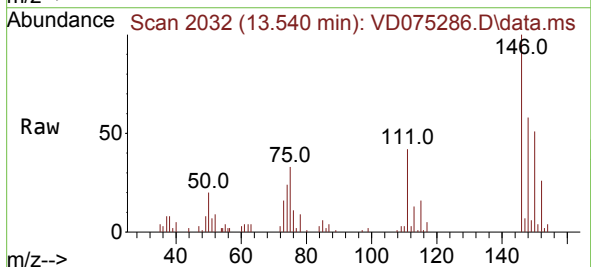
Tgt Ion:146 Resp: 30015

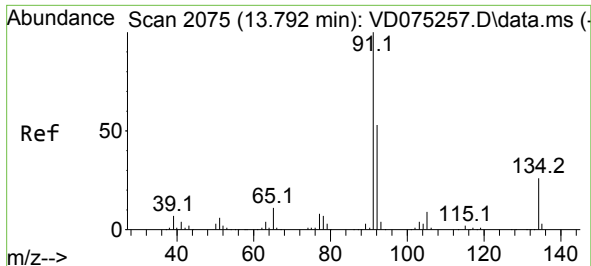
Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

148 61.2 31.9 95.5

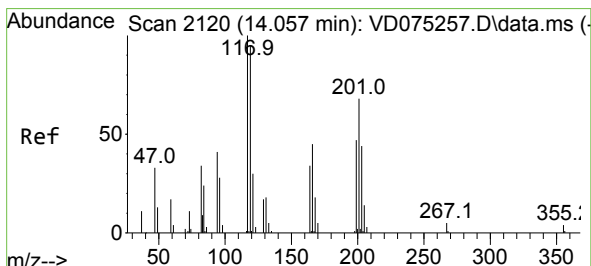
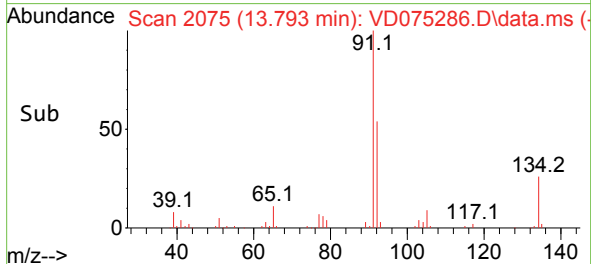
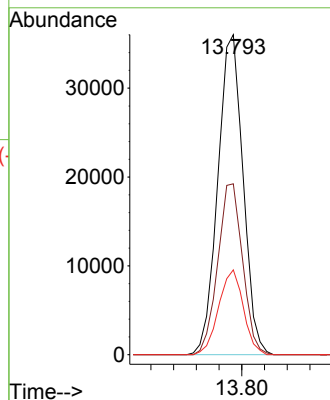
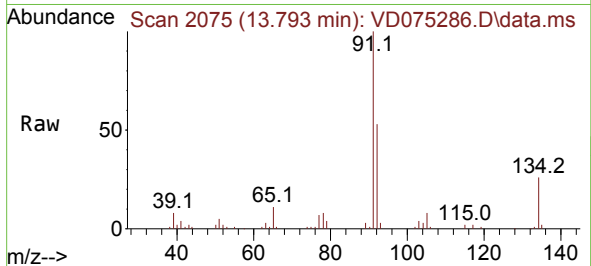




#89
n-Butylbenzene
Concen: 19.506 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.001 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

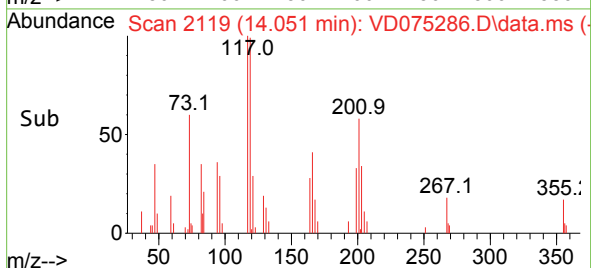
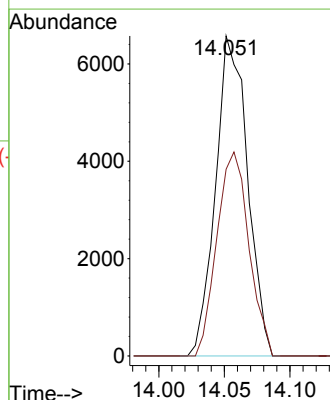
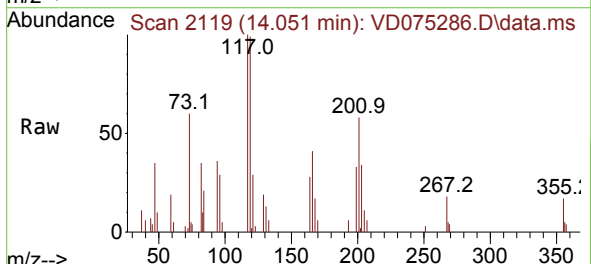
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

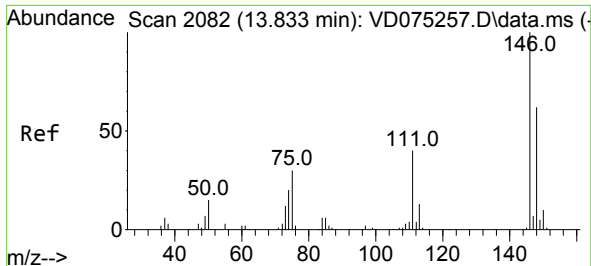
Tgt Ion: 91 Resp: 55553
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.3
134 25.9 13.3 39.8



#90
Hexachloroethane
Concen: 19.360 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD075286.D
Acq: 09 Feb 2023 11:08

Tgt Ion: 117 Resp: 11134
Ion Ratio Lower Upper
117 100
201 63.9 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 19.494 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.001 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

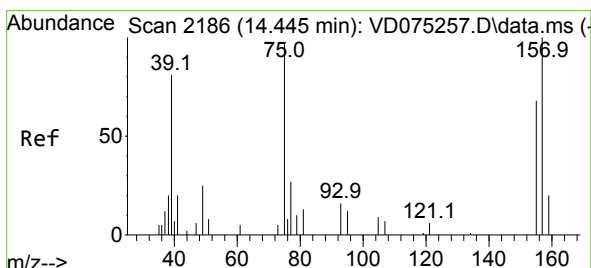
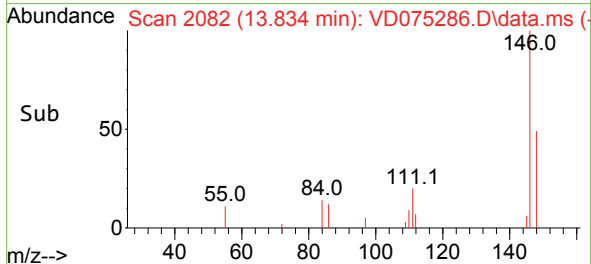
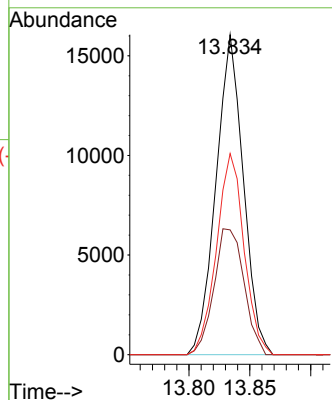
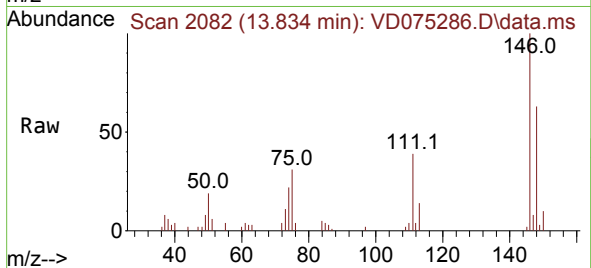
Tgt Ion:146 Resp: 25070

Ion Ratio Lower Upper

146 100

111 43.3 20.4 61.2

148 63.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.959 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

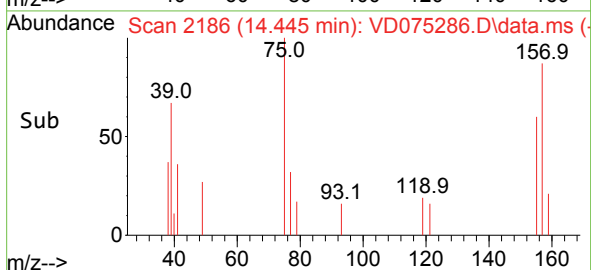
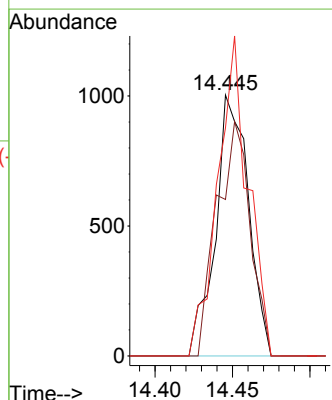
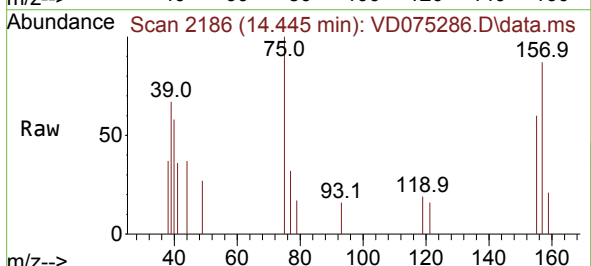
Tgt Ion: 75 Resp: 1482

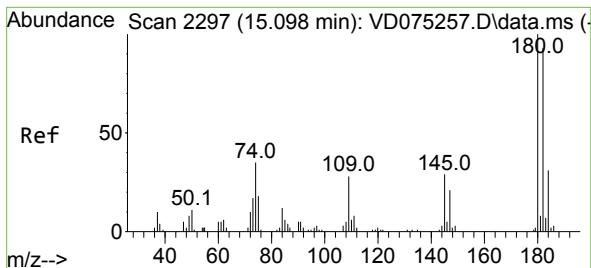
Ion Ratio Lower Upper

75 100

155 90.7 43.4 130.2

157 113.0 56.4 169.2





#93

1,2,4-Trichlorobenzene

Concen: 18.304 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

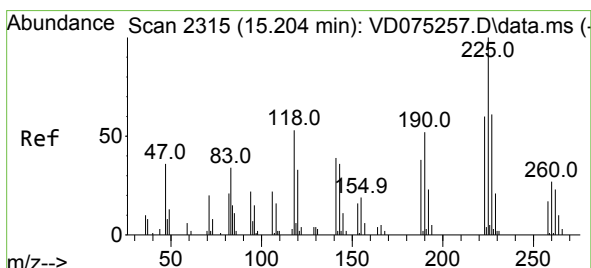
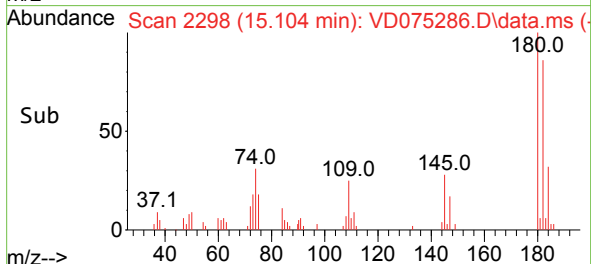
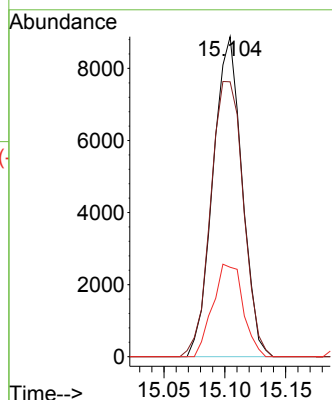
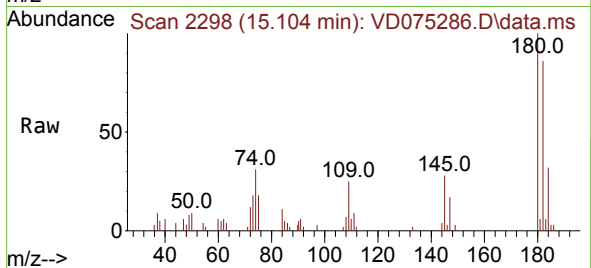
Tgt Ion:180 Resp: 14743

Ion Ratio Lower Upper

180 100

182 96.5 46.2 138.6

145 30.0 15.8 47.4



#94

Hexachlorobutadiene

Concen: 19.909 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

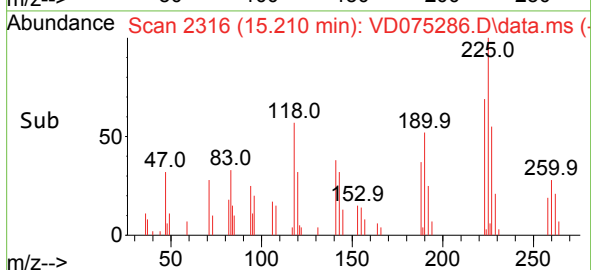
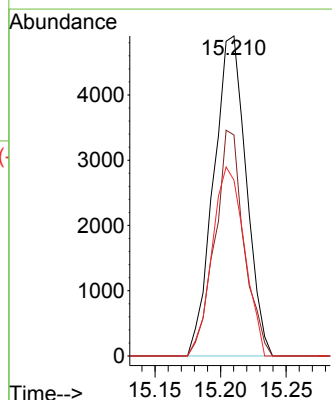
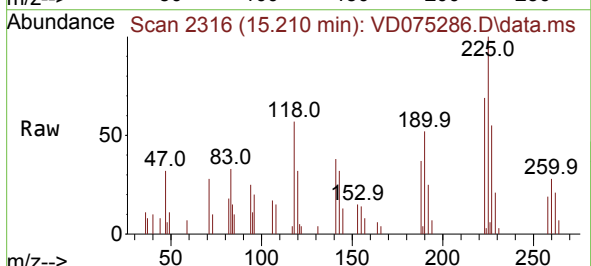
Tgt Ion:225 Resp: 8460

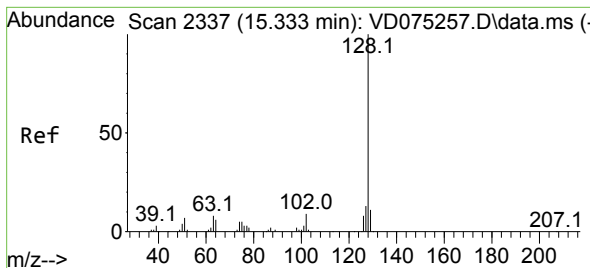
Ion Ratio Lower Upper

225 100

223 63.0 31.8 95.4

227 58.7 30.7 92.1





#95

Naphthalene

Concen: 18.717 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

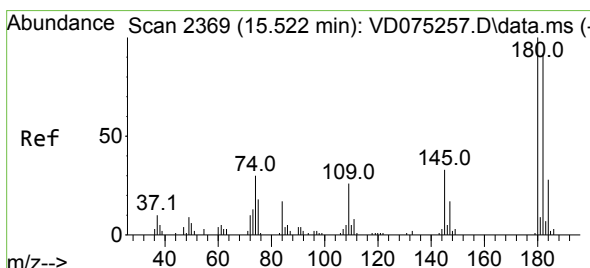
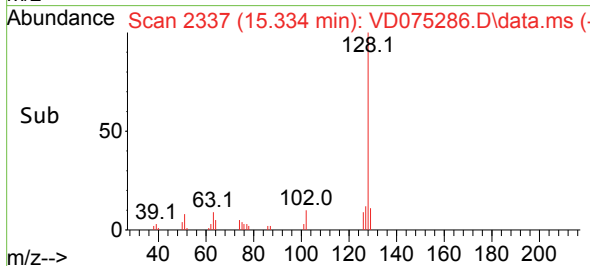
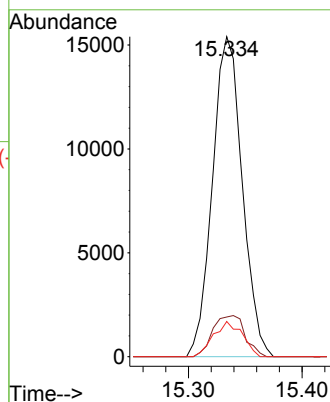
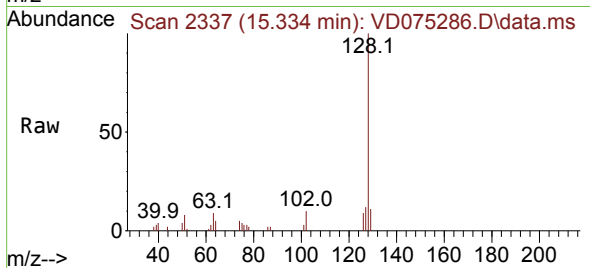
Tgt Ion:128 Resp: 28059

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.561 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075286.D

Acq: 09 Feb 2023 11:08

Tgt Ion:180 Resp: 12899

Ion Ratio Lower Upper

180 100

182 99.1 47.0 141.0

145 33.6 16.1 48.3

