

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078113.D
 Acq On : 29 Dec 2023 17:27
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 29 22:38:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	154558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	247618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68954	50.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.280%	
35) Dibromofluoromethane	7.805	113	79901	50.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.300%	
50) Toluene-d8	10.269	98	289290	51.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.575	95	94267	52.260	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	49675	37.501	ug/l	95
3) Chloromethane	2.146	50	79334	43.428	ug/l	99
4) Vinyl Chloride	2.287	62	114593	41.617	ug/l	95
5) Bromomethane	2.693	94	84500	38.274	ug/l	99
6) Chloroethane	2.840	64	89786	44.374	ug/l	99
7) Trichlorofluoromethane	3.181	101	110546	41.711	ug/l	98
8) Diethyl Ether	3.593	74	35945	49.460	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	66362	40.202	ug/l	97
10) Methyl Iodide	4.170	142	74514	48.037	ug/l #	90
11) Tert butyl alcohol	5.052	59	16883	275.361	ug/l #	94
12) 1,1-Dichloroethene	3.946	96	62429	42.742	ug/l	90
13) Acrolein	3.799	56	13178	181.942	ug/l	87
14) Allyl chloride	4.558	41	77191	43.723	ug/l	91
15) Acrylonitrile	5.258	53	75522	248.425	ug/l	97
16) Acetone	4.022	43	58419	203.311	ug/l #	86
17) Carbon Disulfide	4.270	76	162389	44.996	ug/l	100
18) Methyl Acetate	4.558	43	63460	56.304	ug/l	95
19) Methyl tert-butyl Ether	5.317	73	165686	51.254	ug/l	98
20) Methylene Chloride	4.799	84	81792	48.435	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	77694	46.274	ug/l	96
22) Diisopropyl ether	6.216	45	187814	47.628	ug/l	96
23) Vinyl Acetate	6.158	43	422604	280.317	ug/l	95
24) 1,1-Dichloroethane	6.117	63	132878	45.533	ug/l	99
25) 2-Butanone	7.087	43	85841	234.982	ug/l	91
26) 2,2-Dichloropropane	7.075	77	102691	39.168	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	93164	46.772	ug/l	99
28) Bromochloromethane	7.422	49	52891	50.659	ug/l	94
29) Tetrahydrofuran	7.446	42	52739	247.732	ug/l	95
30) Chloroform	7.599	83	148156	46.847	ug/l	94
31) Cyclohexane	7.875	56	87629	39.943	ug/l	99
32) 1,1,1-Trichloroethane	7.799	97	120548	44.352	ug/l	98
36) 1,1-Dichloropropene	8.011	75	98324	43.860	ug/l	97
37) Ethyl Acetate	7.164	43	33745	45.260	ug/l #	96
38) Carbon Tetrachloride	7.993	117	106892	44.003	ug/l	95
39) Methylcyclohexane	9.275	83	109432	42.578	ug/l	94
40) Benzene	8.252	78	303792	47.018	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22046	46.738	ug/l #	93
42) 1,2-Dichloroethane	8.322	62	83344	47.731	ug/l	97
43) Isopropyl Acetate	8.363	43	74849	50.143	ug/l	95
44) Trichloroethene	9.028	130	88290	47.496	ug/l	91
45) 1,2-Dichloropropane	9.305	63	75962	46.396	ug/l	99
46) Dibromomethane	9.399	93	46152	50.330	ug/l	99
47) Bromodichloromethane	9.581	83	114131	47.915	ug/l	98
48) Methyl methacrylate	9.381	41	41759	49.639	ug/l #	85
49) 1,4-Dioxane	9.381	88	8443	973.965	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	191200	249.630	ug/l	97
52) Toluene	10.334	92	201772	48.147	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	105205	48.680	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	124835	48.100	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	64554	50.026	ug/l	95
56) Ethyl methacrylate	10.599	69	54761	53.475	ug/l	95
57) 1,3-Dichloropropane	10.881	76	106426	50.197	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	148673	335.327	ug/l	98
59) 2-Hexanone	10.922	43	137030	230.322	ug/l	94
60) Dibromochloromethane	11.075	129	85631	52.090	ug/l	98
61) 1,2-Dibromoethane	11.181	107	63858	51.617	ug/l	99
64) Tetrachloroethene	10.810	164	73238	45.627	ug/l	93
65) Chlorobenzene	11.604	112	233294	46.228	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	90728	47.499	ug/l	95
67) Ethyl Benzene	11.687	91	400356	45.505	ug/l	99
68) m/p-Xylenes	11.793	106	312964	91.401	ug/l	96
69) o-Xylene	12.122	106	147428	46.197	ug/l	93
70) Styrene	12.134	104	229243	48.653	ug/l	97
71) Bromoform	12.299	173	54416	51.638	ug/l #	98
73) Isopropylbenzene	12.422	105	387649	44.217	ug/l	98
74) N-amyl acetate	12.234	43	67572	46.429	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	75121	47.147	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	86428	80.483	ug/l #	100
77) Bromobenzene	12.698	156	102954	48.273	ug/l	97
78) n-propylbenzene	12.763	91	456655	43.274	ug/l	99
79) 2-Chlorotoluene	12.851	91	251851	44.124	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	324288	44.722	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	22251	44.648	ug/l	95
82) 4-Chlorotoluene	12.946	91	267338	43.686	ug/l	100
83) tert-Butylbenzene	13.169	119	292152	44.977	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	335034	45.361	ug/l	98
85) sec-Butylbenzene	13.346	105	403349	43.494	ug/l	98
86) p-Isopropyltoluene	13.457	119	369903	44.571	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	201765	45.724	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	194461	44.933	ug/l	99
89) n-Butylbenzene	13.787	91	323794	42.506	ug/l	99
90) Hexachloroethane	14.051	117	71221	42.926	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	172187	45.437	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10937	49.010	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	115764	46.789	ug/l	97
94) Hexachlorobutadiene	15.204	225	61386	44.160	ug/l	99
95) Naphthalene	15.334	128	224563	53.314	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	105766	50.381	ug/l	99

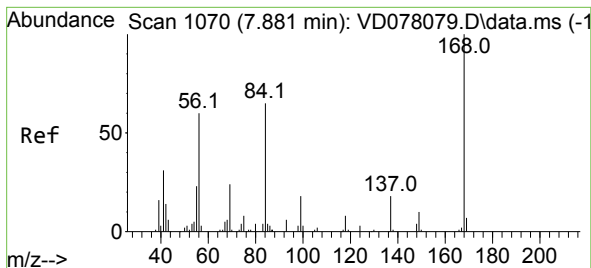
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

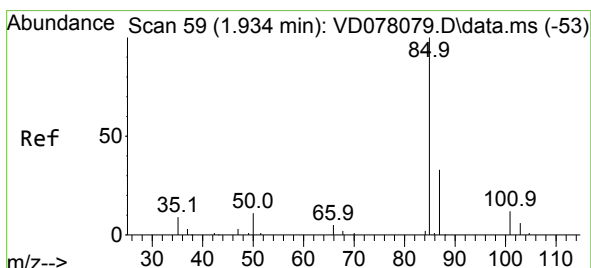
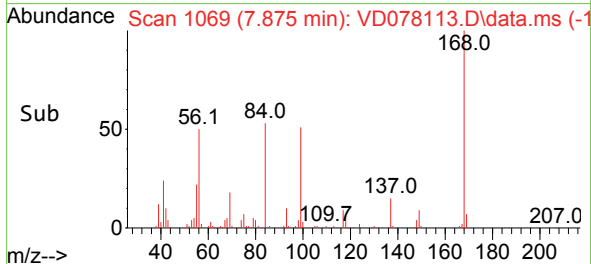
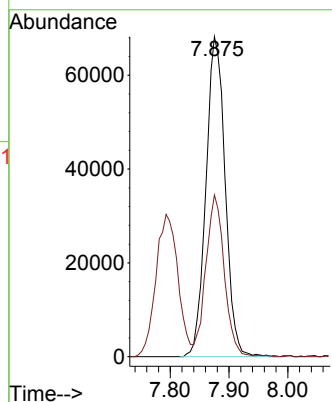
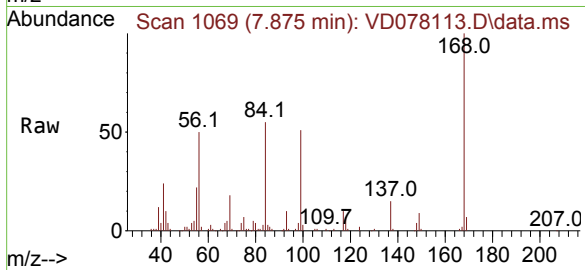
VSTDCCC050EC

Tgt Ion:168 Resp: 154558

Ion Ratio Lower Upper

168 100

99 50.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 37.501 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078113.D

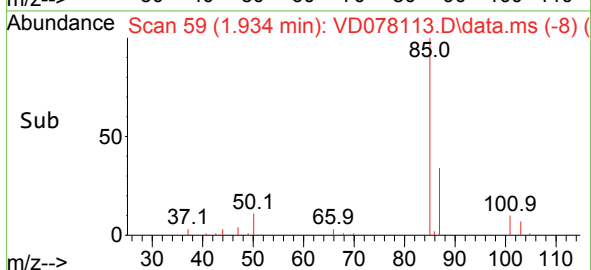
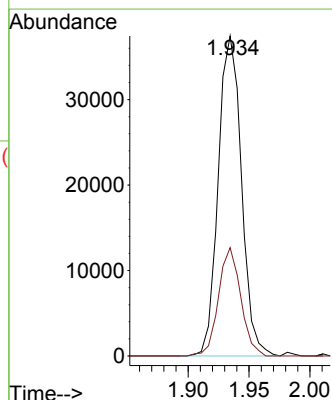
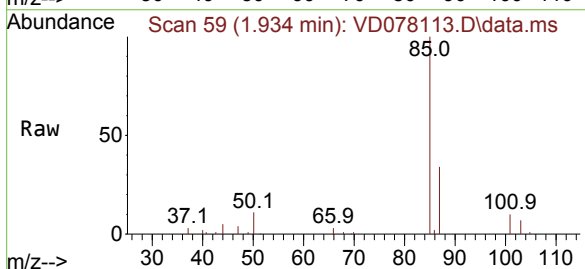
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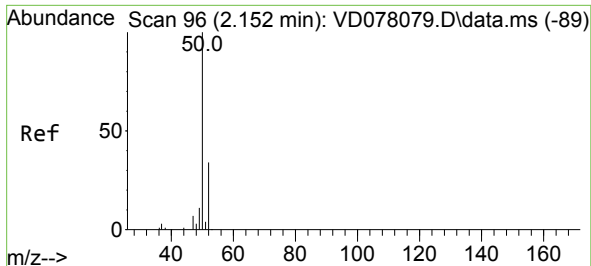
Tgt Ion: 85 Resp: 49675

Ion Ratio Lower Upper

85 100

87 33.9 15.7 47.0

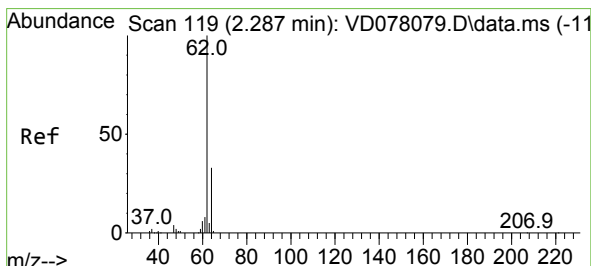
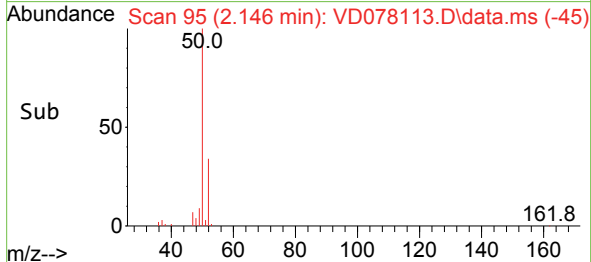
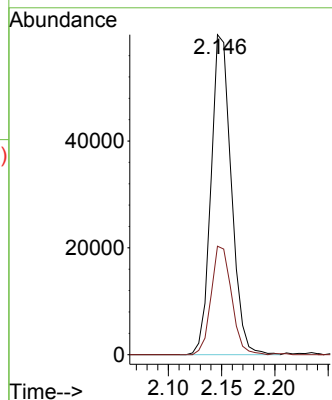
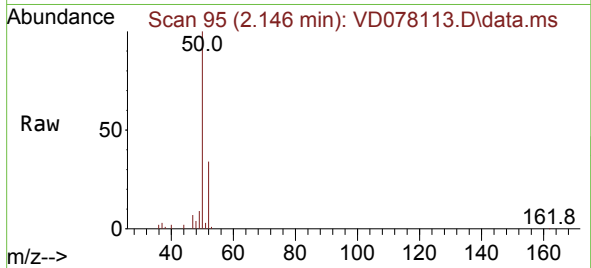




#3
Chloromethane
Concen: 43.428 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

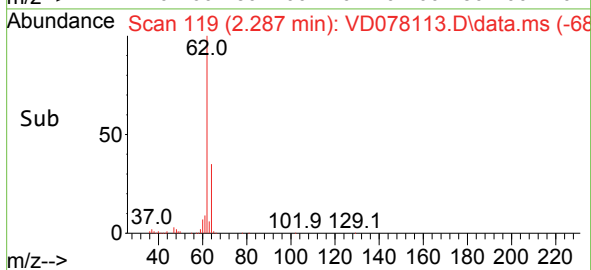
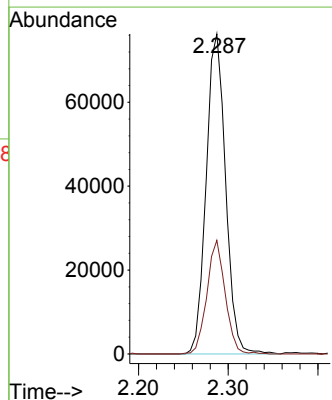
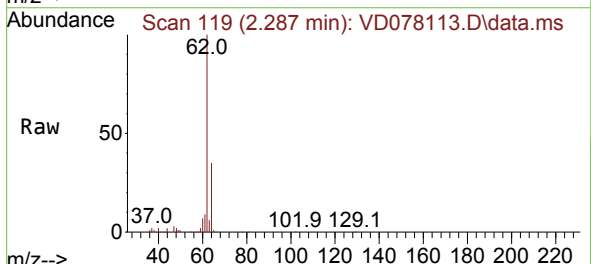
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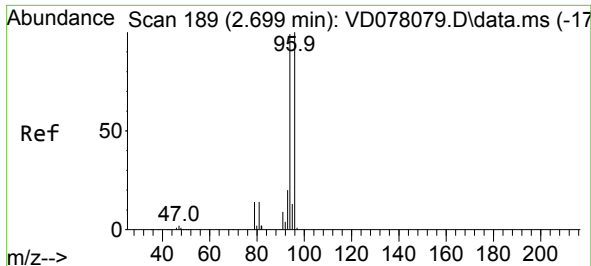
Tgt Ion: 50 Resp: 79334
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#4
Vinyl Chloride
Concen: 41.617 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 62 Resp: 114593
Ion Ratio Lower Upper
62 100
64 35.5 26.0 39.0

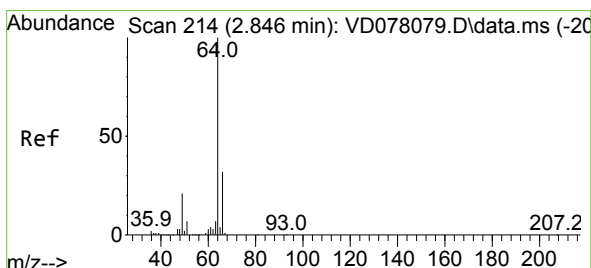
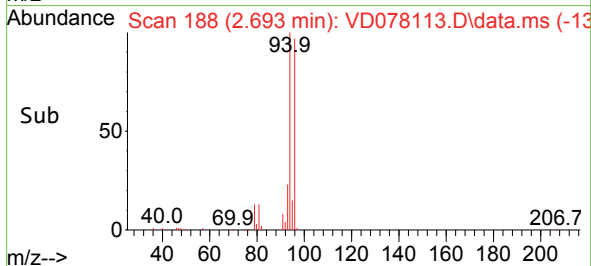
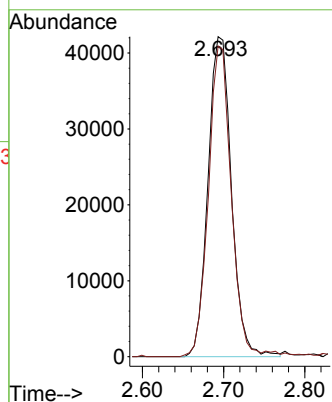
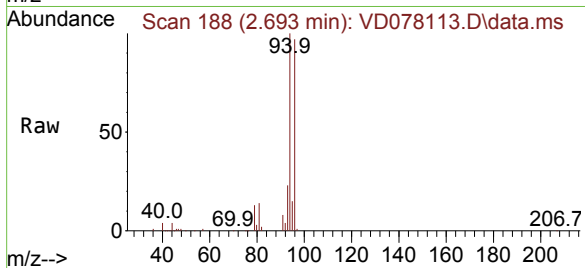




#5
Bromomethane
Concen: 38.274 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

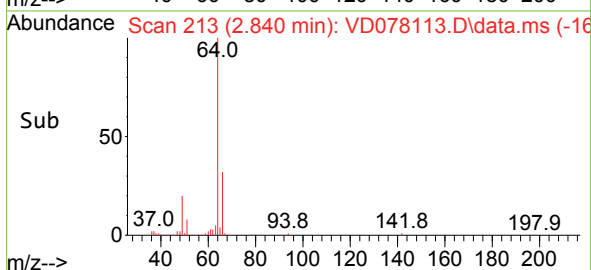
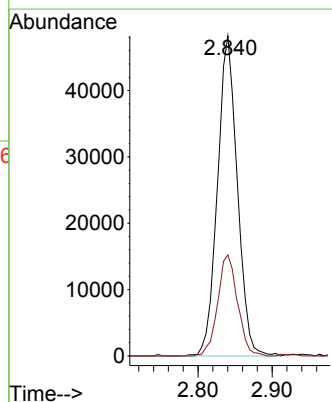
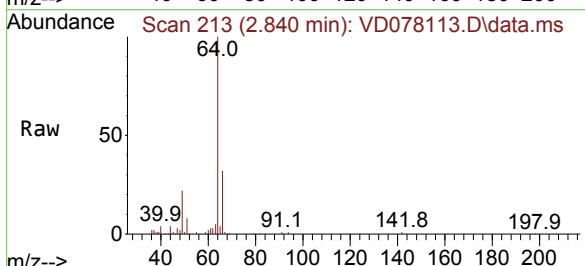
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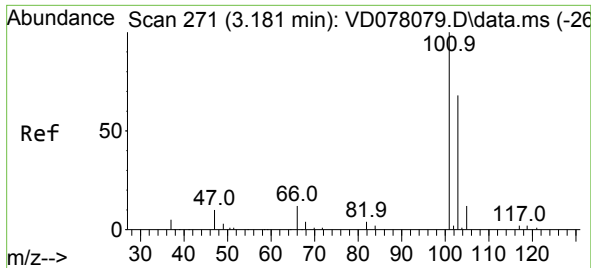
Tgt Ion: 94 Resp: 84500
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 44.374 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 64 Resp: 89786
Ion Ratio Lower Upper
64 100
66 31.6 25.5 38.3

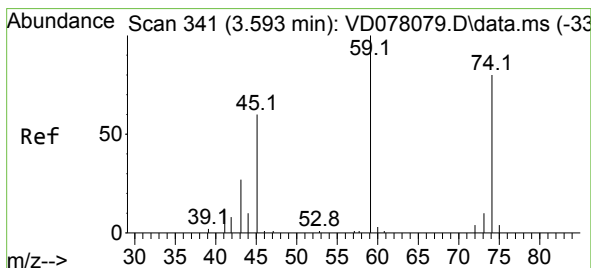
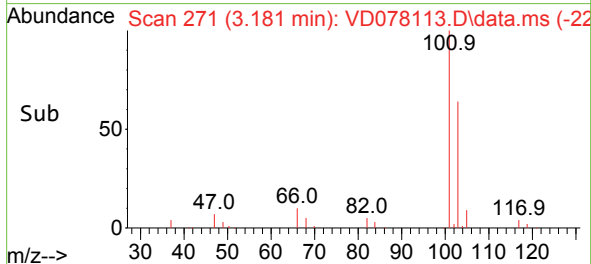
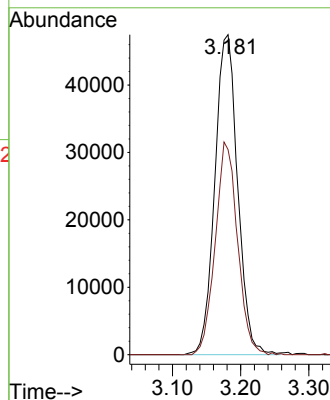
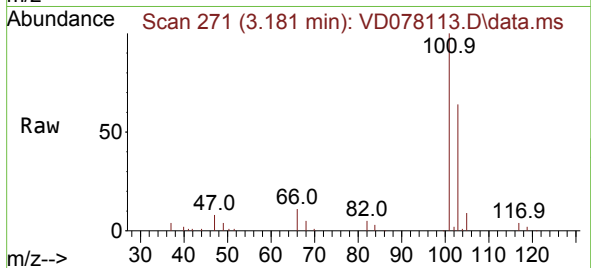




#7
 Trichlorofluoromethane
 Concen: 41.711 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. 0.000 min
 Lab File: VD078113.D
 Acq: 29 Dec 2023 17:27

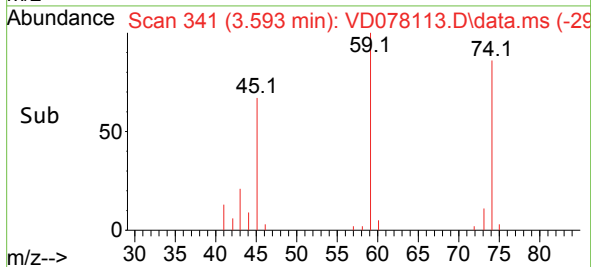
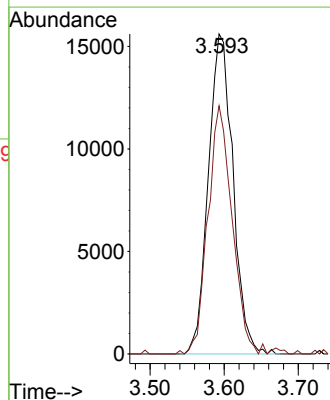
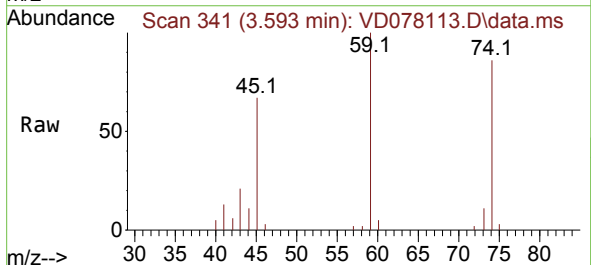
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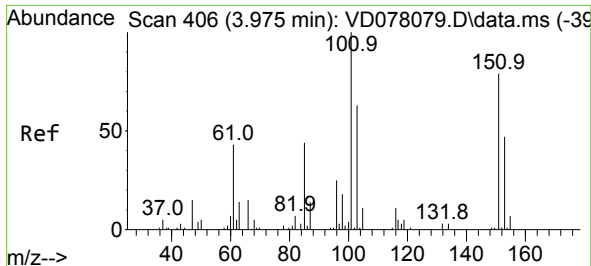
Tgt Ion:101 Resp: 110546
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 49.460 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078113.D
 Acq: 29 Dec 2023 17:27

Tgt Ion: 74 Resp: 35945
 Ion Ratio Lower Upper
 74 100
 45 76.1 37.5 112.7

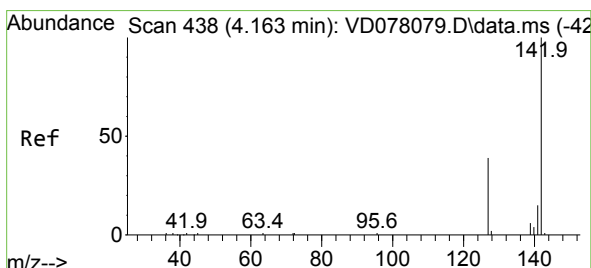
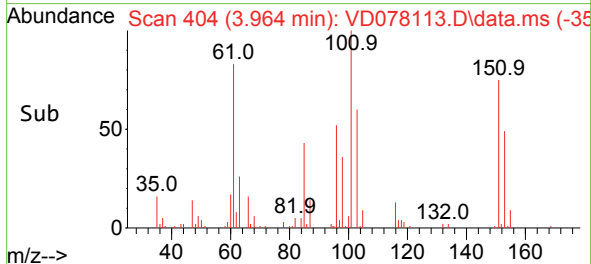
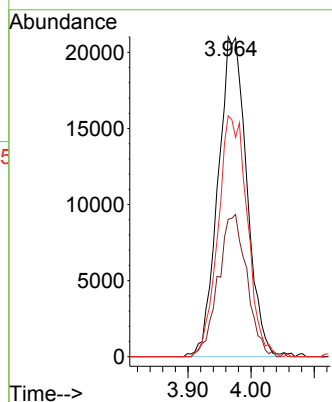
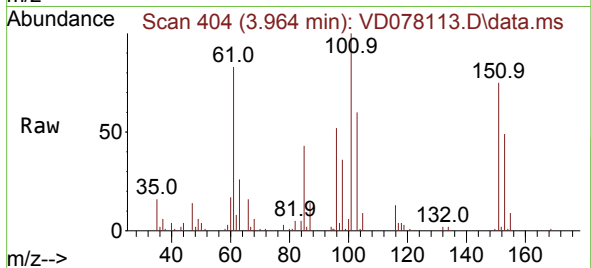




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.202 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.011 min
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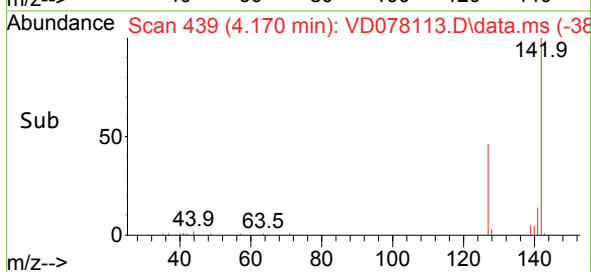
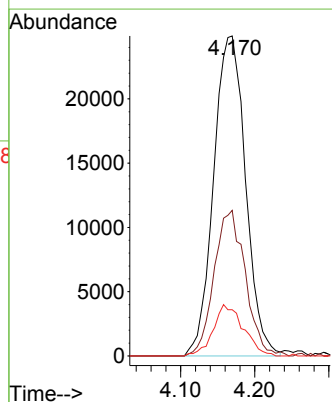
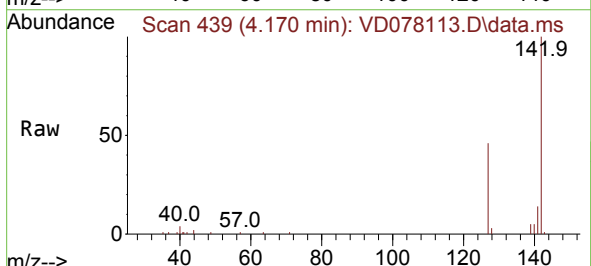
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

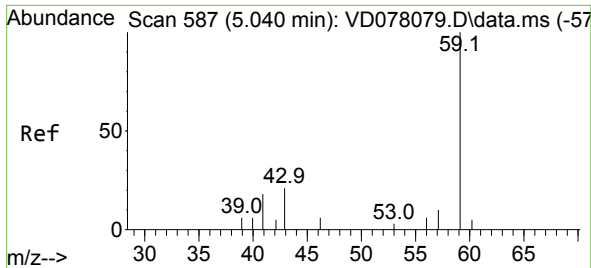
Tgt Ion:101 Resp: 66362
Ion Ratio Lower Upper
101 100
85 44.4 33.8 50.6
151 76.6 59.8 89.6



#10
Methyl Iodide
Concen: 48.037 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion:142 Resp: 74514
Ion Ratio Lower Upper
142 100
127 44.5 29.4 44.0#
141 15.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 275.361 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.012 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

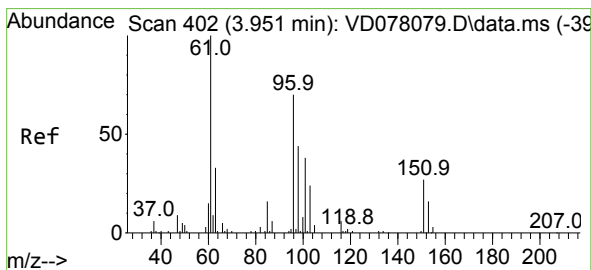
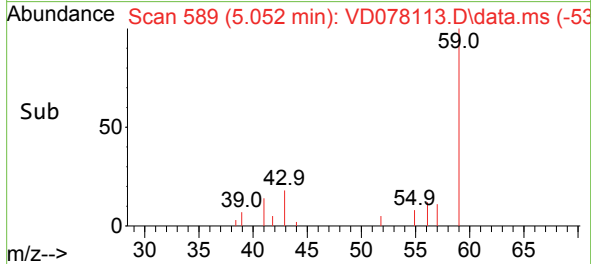
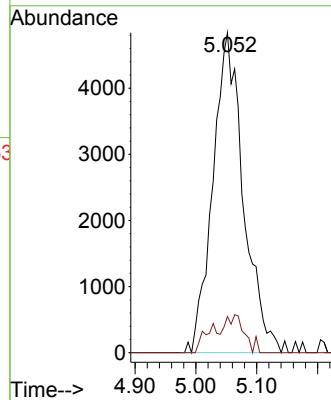
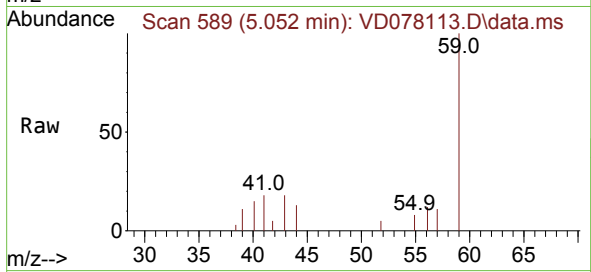
VSTDCCC050EC

Tgt Ion: 59 Resp: 16883

Ion Ratio Lower Upper

59 100

57 7.5 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 42.742 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.005 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

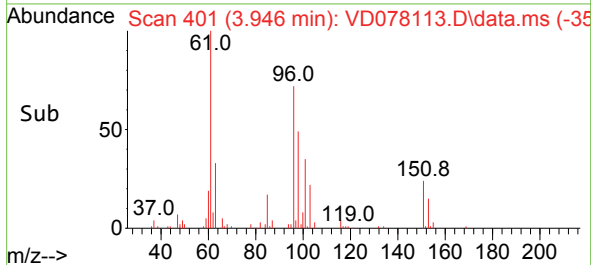
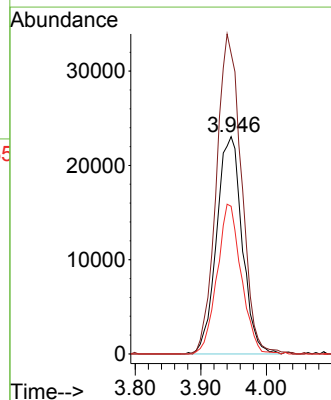
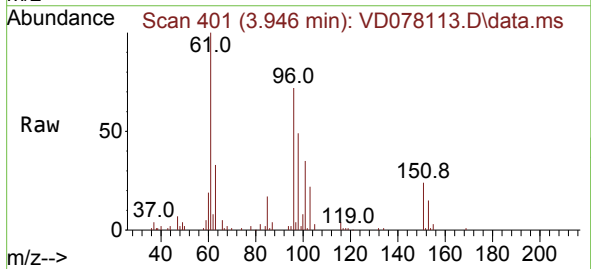
Tgt Ion: 96 Resp: 62429

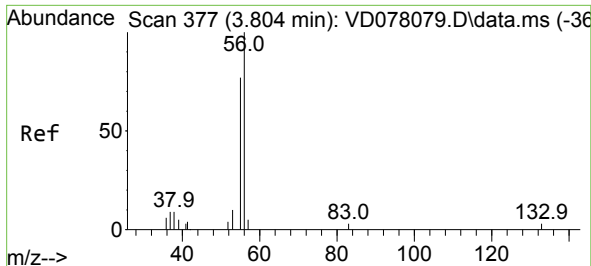
Ion Ratio Lower Upper

96 100

61 138.3 100.6 150.8

98 67.9 50.2 75.2

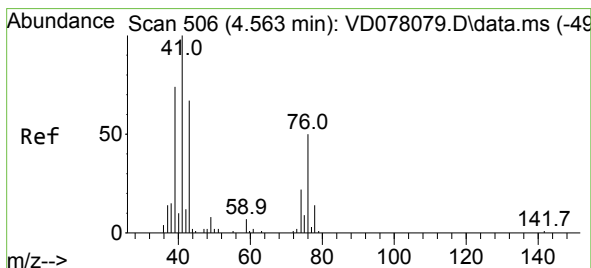
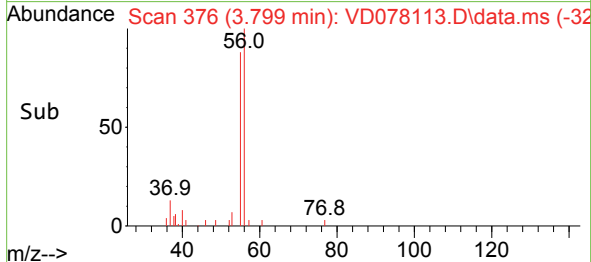
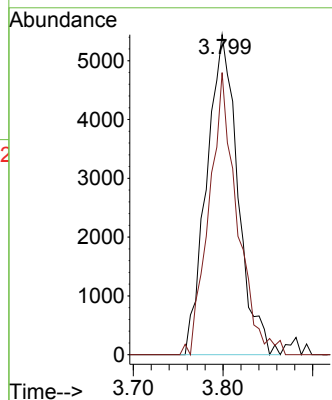
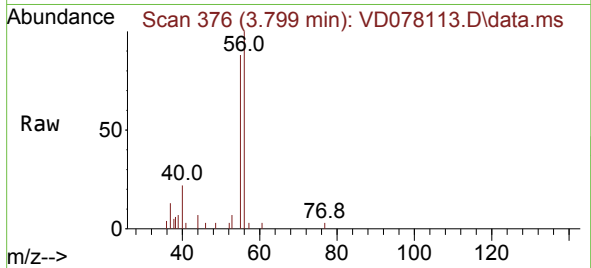




#13
Acrolein
Concen: 181.942 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

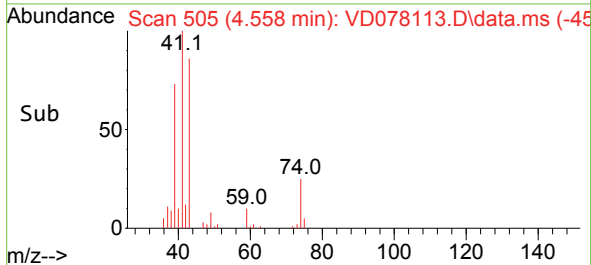
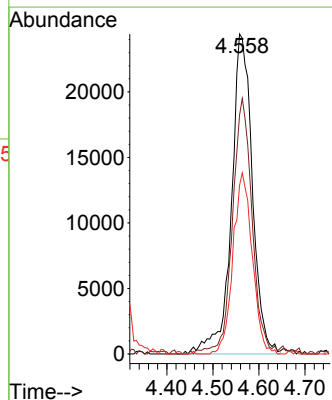
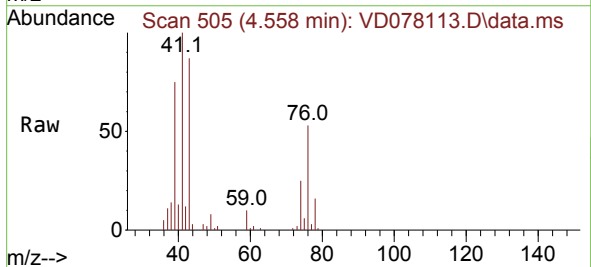
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

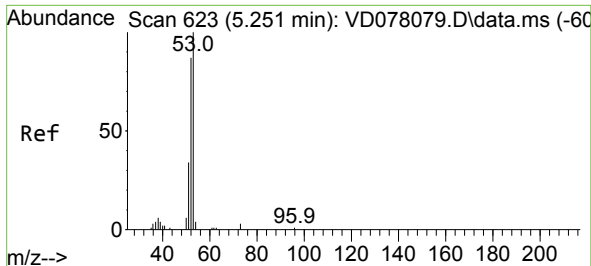
Tgt Ion: 56 Resp: 13178
Ion Ratio Lower Upper
56 100
55 79.1 55.1 82.7



#14
Allyl chloride
Concen: 43.723 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 41 Resp: 77191
Ion Ratio Lower Upper
41 100
39 74.9 53.8 80.6
76 51.9 45.8 68.8

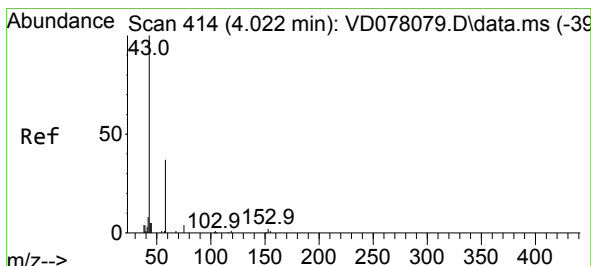
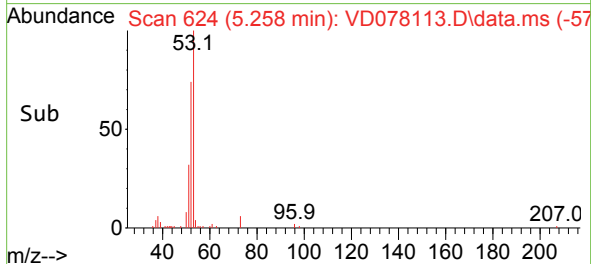
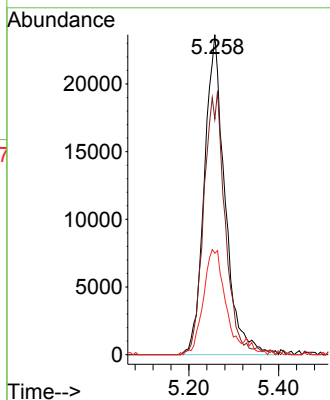
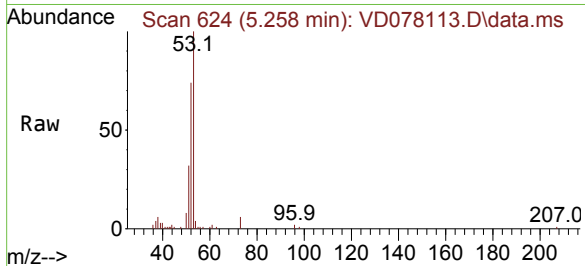




#15
Acrylonitrile
Concen: 248.425 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

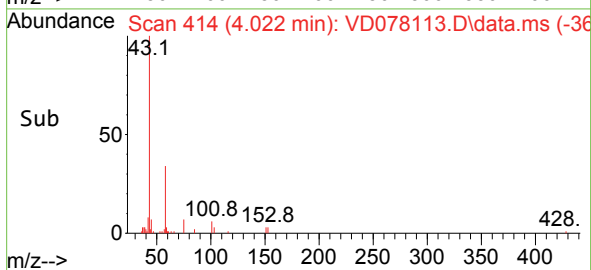
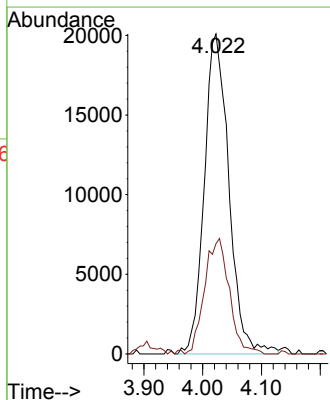
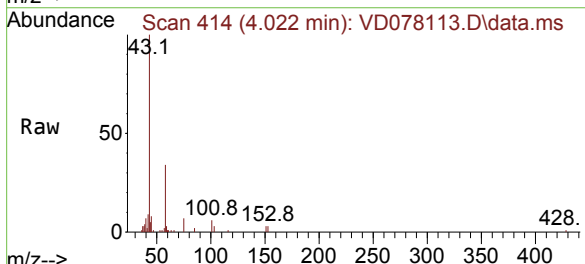
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

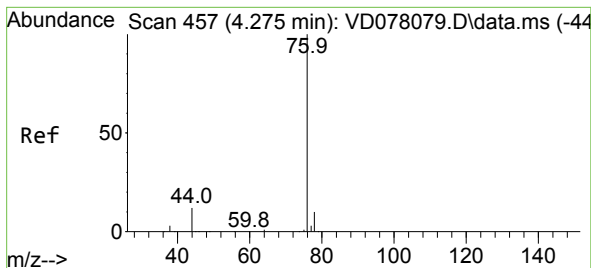
Tgt Ion: 53	Resp: 75522
Ion Ratio	Lower Upper
53 100	
52 84.2	65.0 97.4
51 34.8	28.3 42.5



#16
Acetone
Concen: 203.311 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 43	Resp: 58419
Ion Ratio	Lower Upper
43 100	
58 34.5	34.7 52.1#





#17

Carbon Disulfide

Concen: 44.996 ug/l

RT: 4.270 min Scan# 41

Delta R.T. -0.005 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

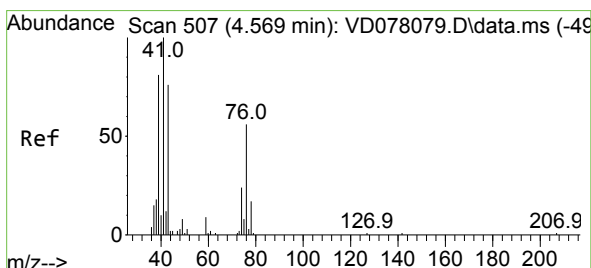
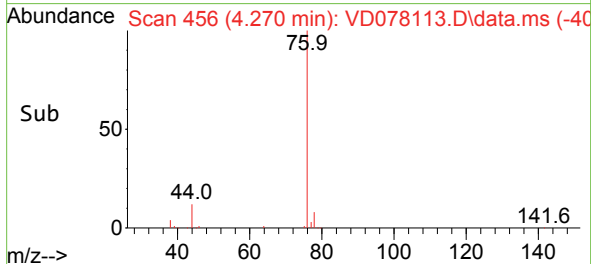
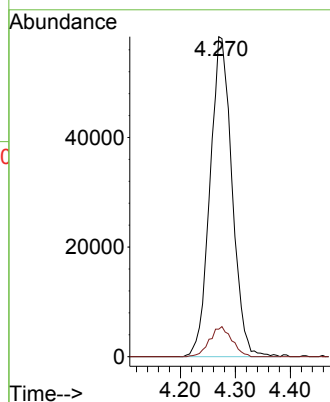
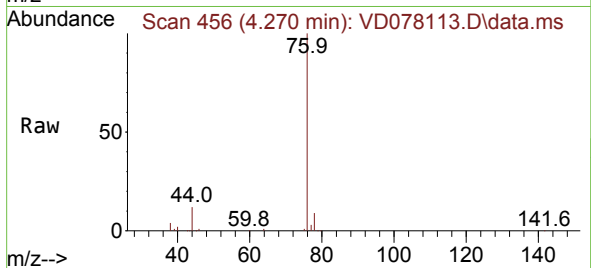
VSTDCCC050EC

Tgt Ion: 76 Resp: 162389

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 56.304 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.011 min

Lab File: VD078113.D

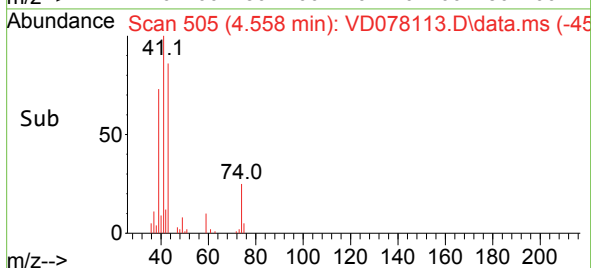
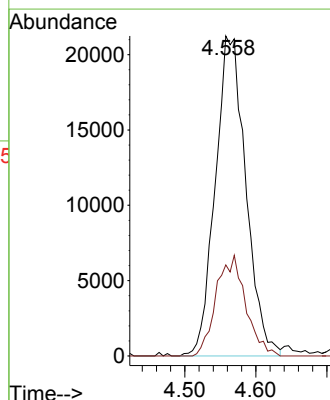
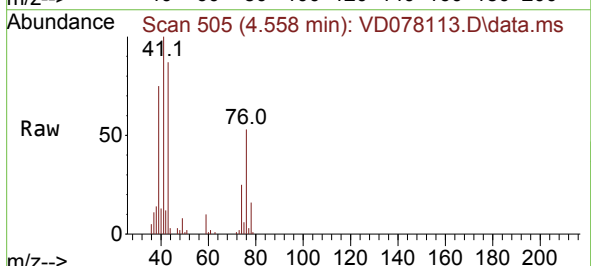
Acq: 29 Dec 2023 17:27

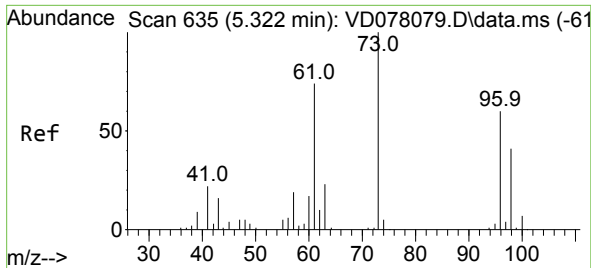
Tgt Ion: 43 Resp: 63460

Ion Ratio Lower Upper

43 100

74 30.3 26.4 39.6

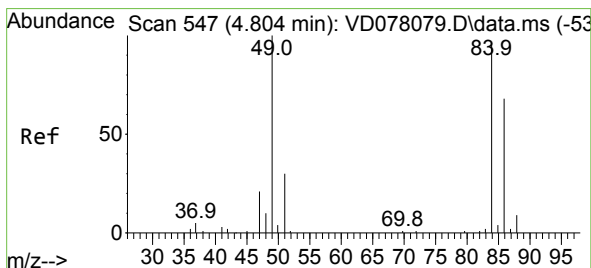
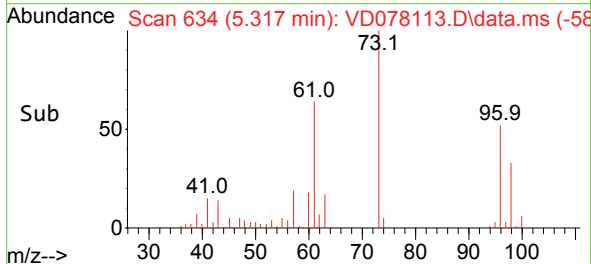
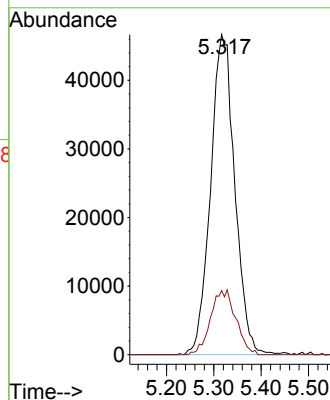
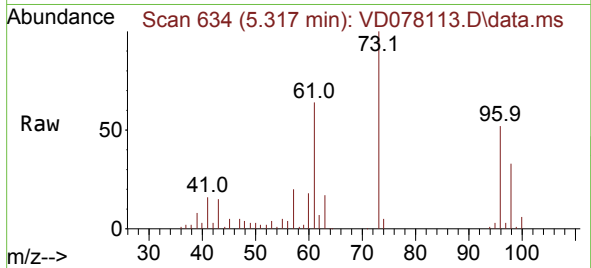




#19
Methyl tert-butyl Ether
Concen: 51.254 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

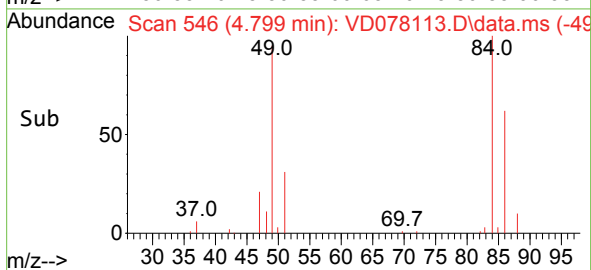
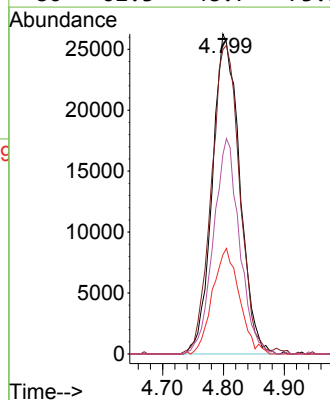
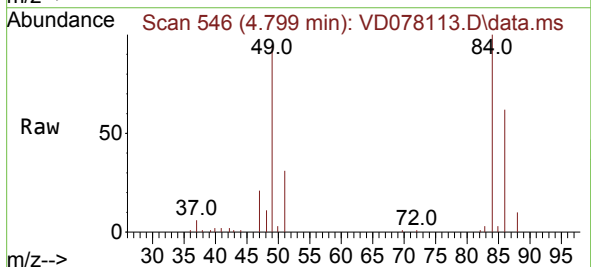
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

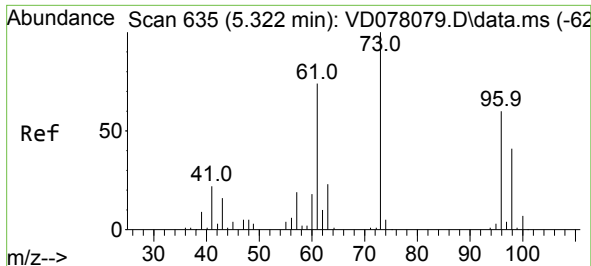
Tgt Ion: 73 Resp: 165686
Ion Ratio Lower Upper
73 100
57 20.0 16.6 25.0



#20
Methylene Chloride
Concen: 48.435 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 84 Resp: 81792
Ion Ratio Lower Upper
84 100
49 95.1 71.4 107.2
51 31.0 24.5 36.7
86 62.3 48.7 73.1

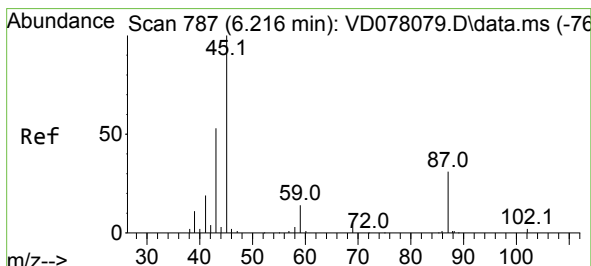
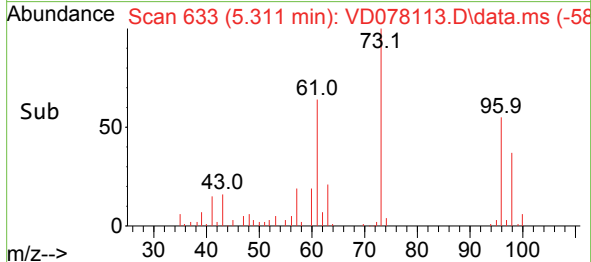
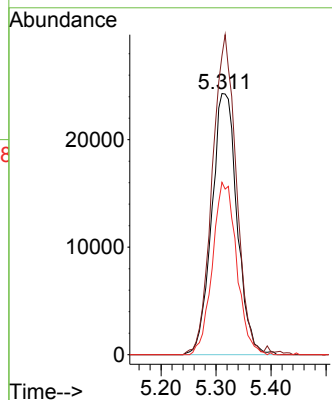
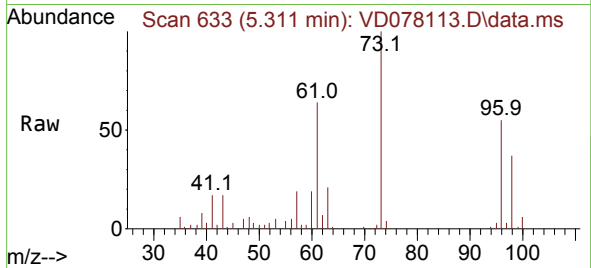




#21
trans-1,2-Dichloroethene
Concen: 46.274 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

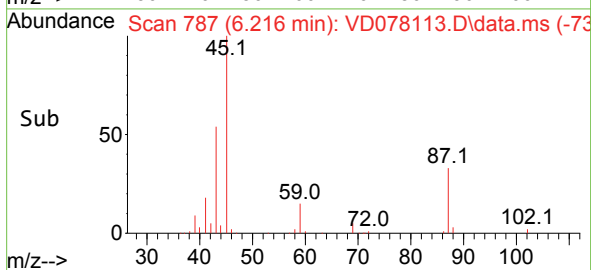
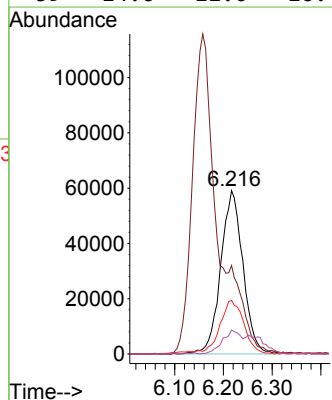
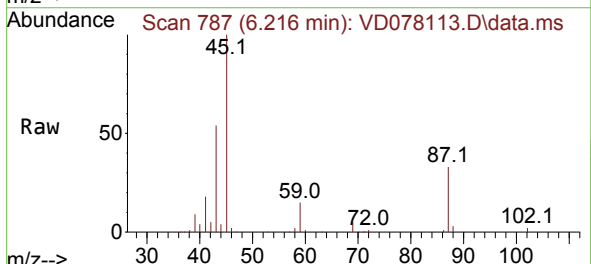
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

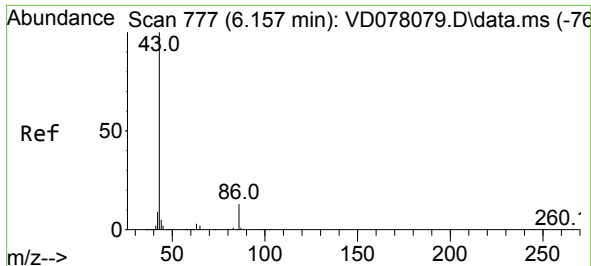
Tgt Ion: 96 Resp: 77694
Ion Ratio Lower Upper
96 100
61 114.5 89.3 133.9
98 66.0 48.6 73.0



#22
Diisopropyl ether
Concen: 47.628 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 45 Resp: 187814
Ion Ratio Lower Upper
45 100
43 53.2 40.0 60.0
87 32.8 28.2 42.4
59 14.6 11.0 16.4

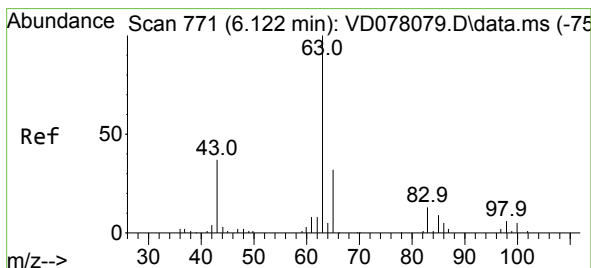
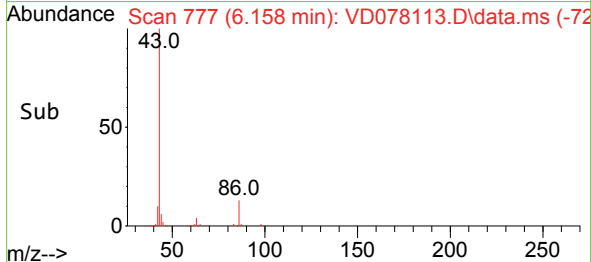
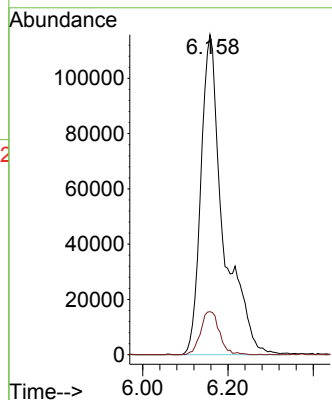
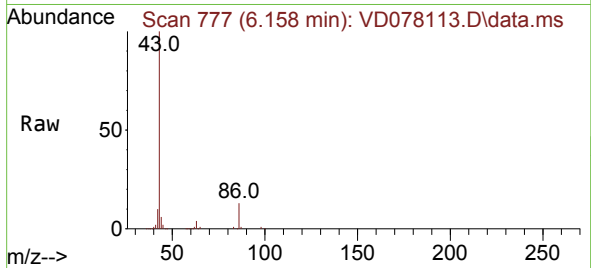




#23
 Vinyl Acetate
 Concen: 280.317 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078113.D
 Acq: 29 Dec 2023 17:27

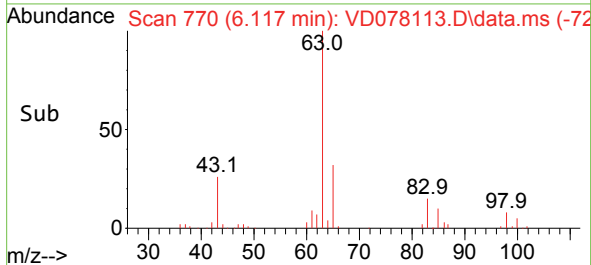
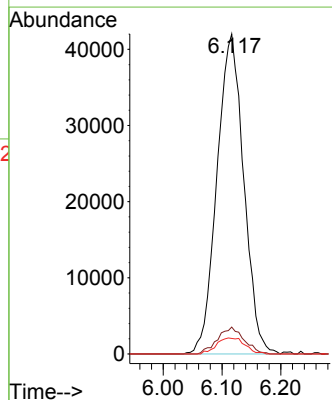
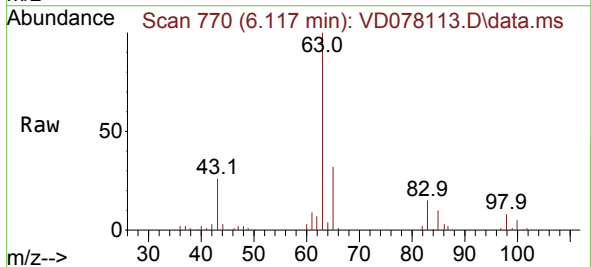
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

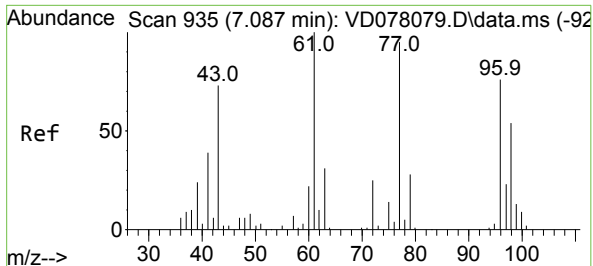
Tgt Ion: 43 Resp: 422604
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 45.533 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. -0.005 min
 Lab File: VD078113.D
 Acq: 29 Dec 2023 17:27

Tgt Ion: 63 Resp: 132878
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 234.982 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

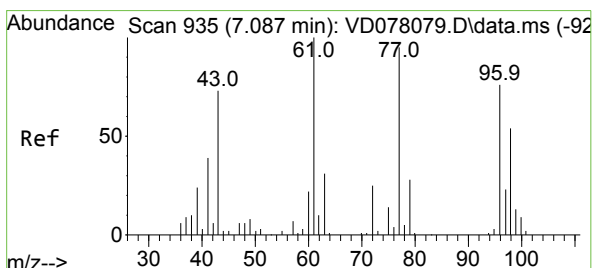
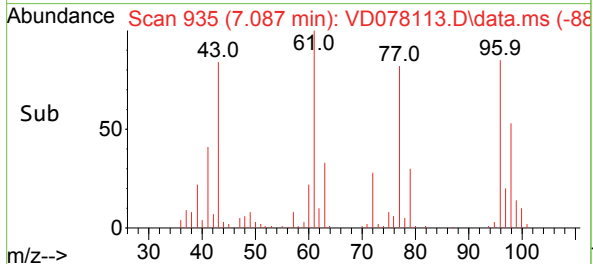
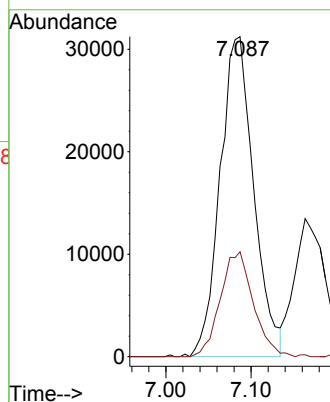
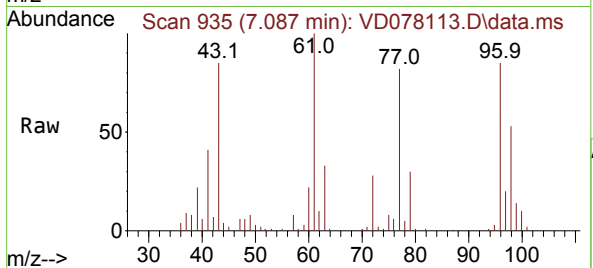
VSTDCCC050EC

Tgt Ion: 43 Resp: 85841

Ion Ratio Lower Upper

43 100

72 32.8 30.7 46.1



#26

2,2-Dichloropropane

Concen: 39.168 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.011 min

Lab File: VD078113.D

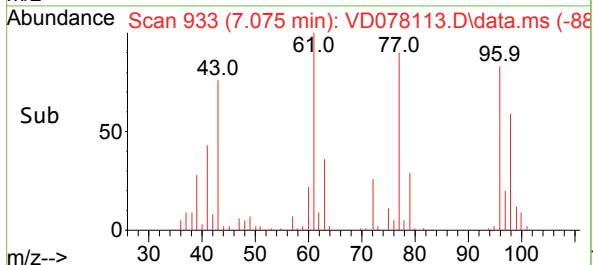
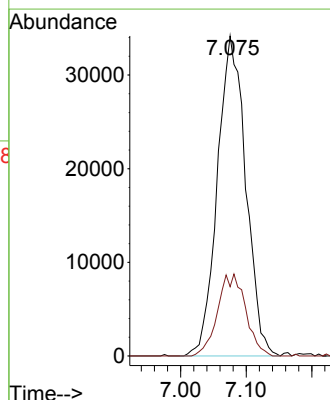
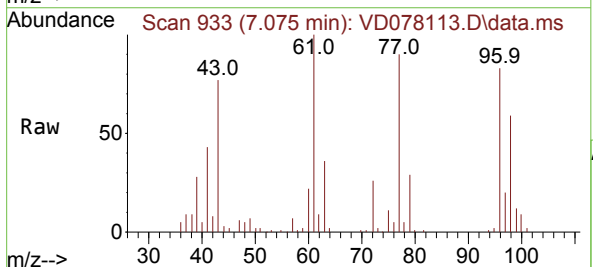
Acq: 29 Dec 2023 17:27

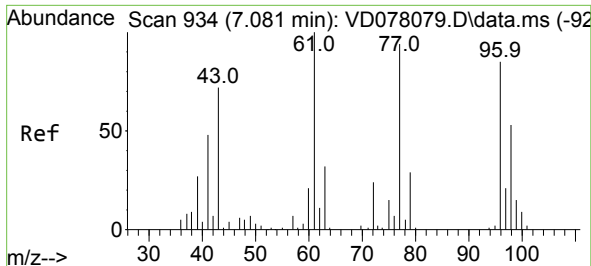
Tgt Ion: 77 Resp: 102691

Ion Ratio Lower Upper

77 100

97 25.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 46.772 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

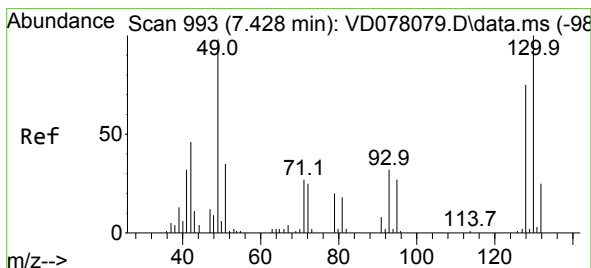
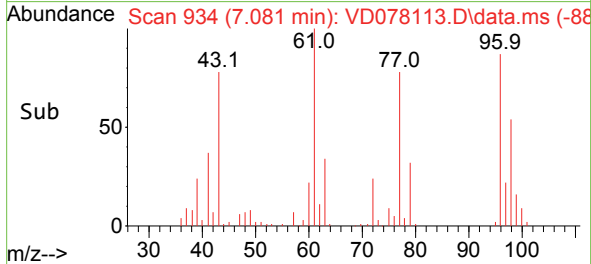
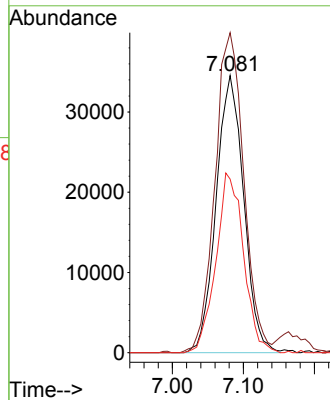
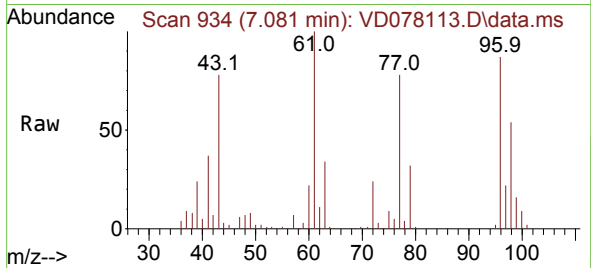
Tgt Ion: 96 Resp: 93164

Ion Ratio Lower Upper

96 100

61 120.9 0.0 239.2

98 64.9 0.0 128.6



#28

Bromochloromethane

Concen: 50.659 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.005 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

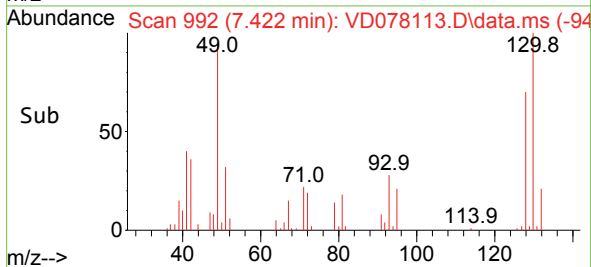
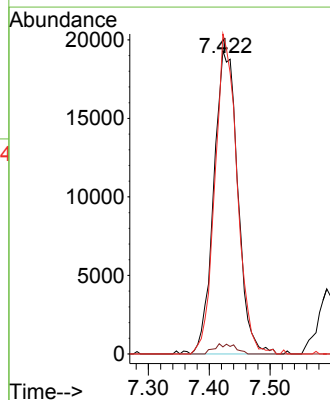
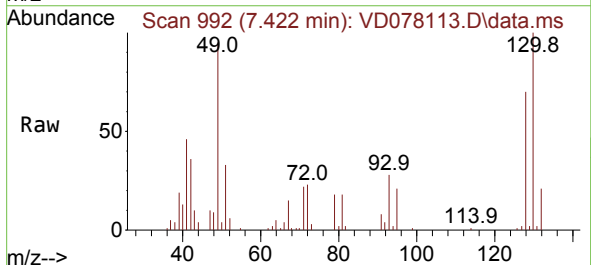
Tgt Ion: 49 Resp: 52891

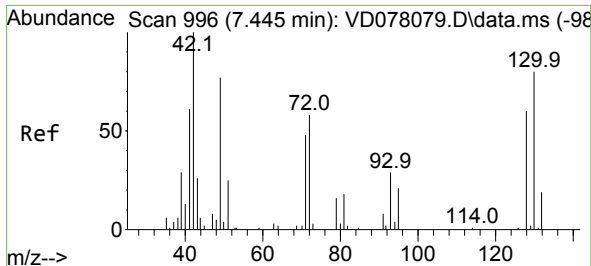
Ion Ratio Lower Upper

49 100

129 2.9 0.0 6.0

130 97.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 247.732 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

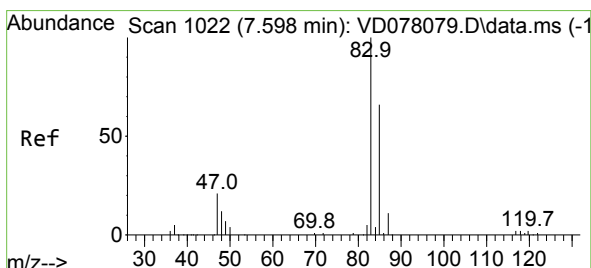
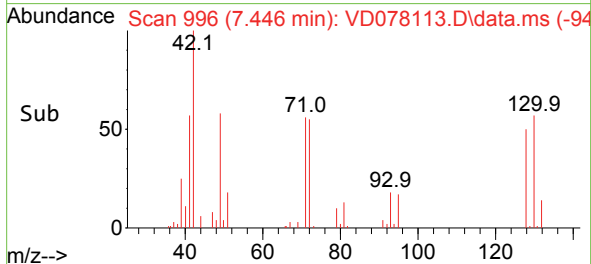
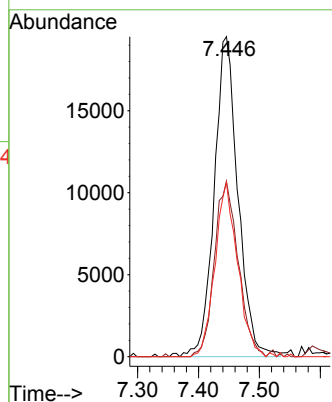
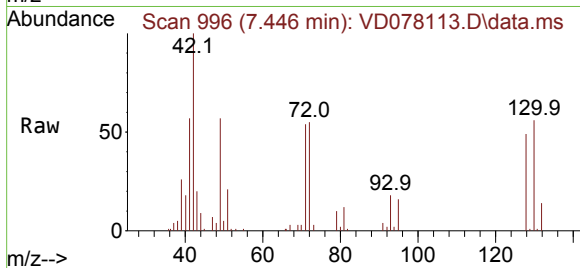
Tgt Ion: 42 Resp: 52739

Ion Ratio Lower Upper

42 100

72 55.2 46.5 69.7

71 51.9 44.5 66.7



#30

Chloroform

Concen: 46.847 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078113.D

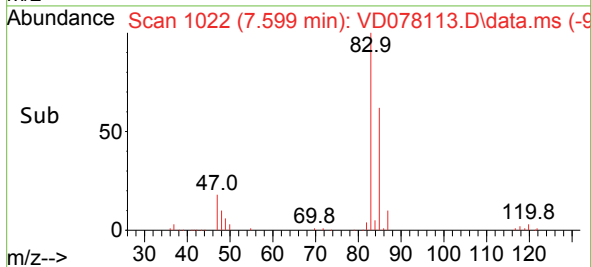
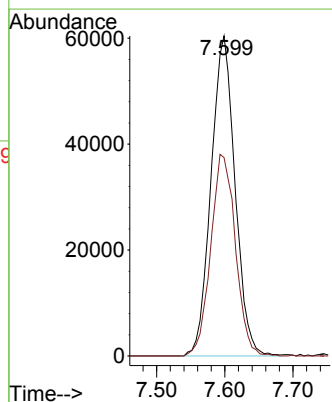
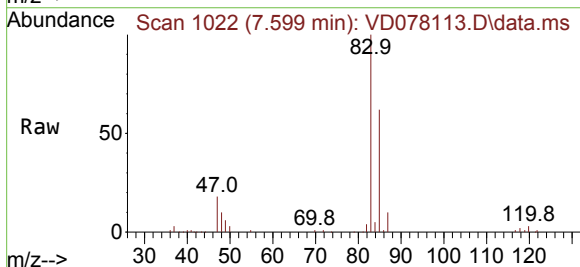
Acq: 29 Dec 2023 17:27

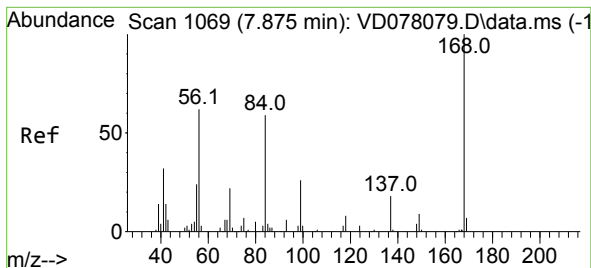
Tgt Ion: 83 Resp: 148156

Ion Ratio Lower Upper

83 100

85 62.0 53.4 80.2





#31

Cyclohexane

Concen: 39.943 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

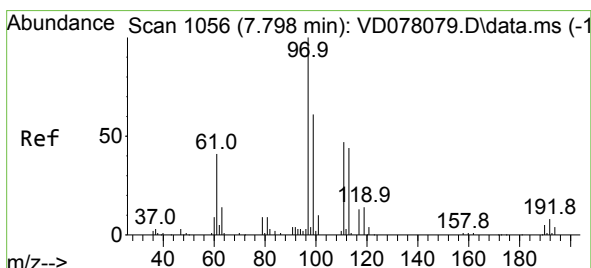
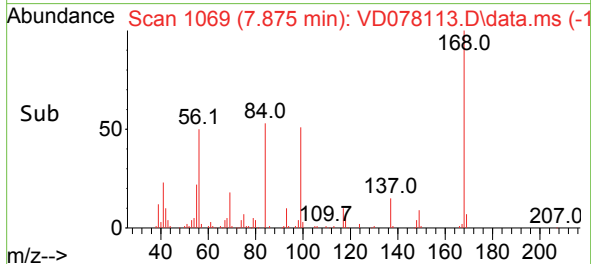
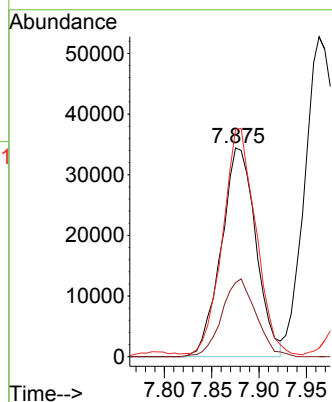
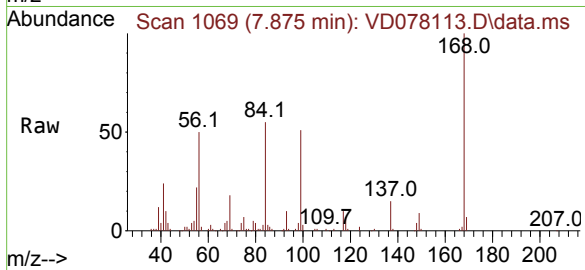
Tgt Ion: 56 Resp: 87629

Ion Ratio Lower Upper

56 100

69 35.5 28.6 43.0

84 107.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 44.352 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

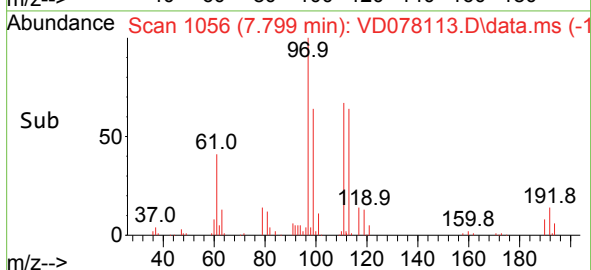
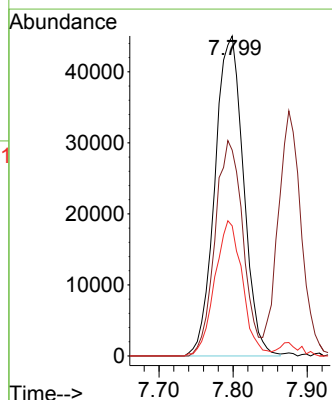
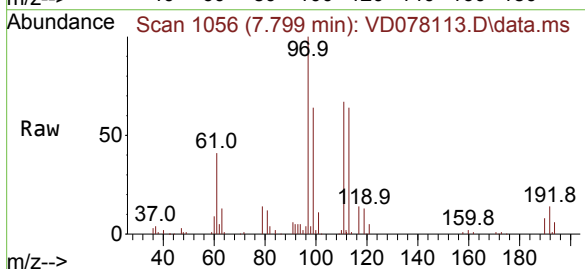
Tgt Ion: 97 Resp: 120548

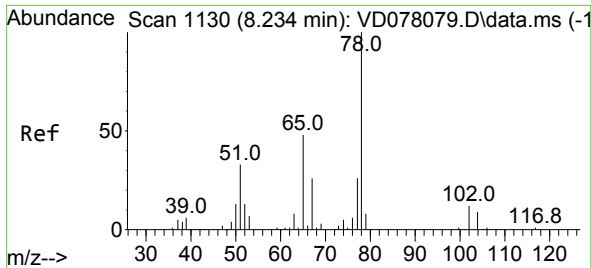
Ion Ratio Lower Upper

97 100

99 66.1 52.0 78.0

61 40.9 33.8 50.8

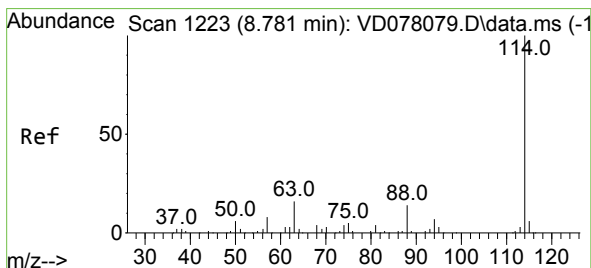
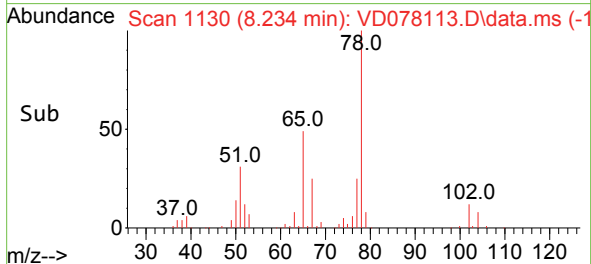
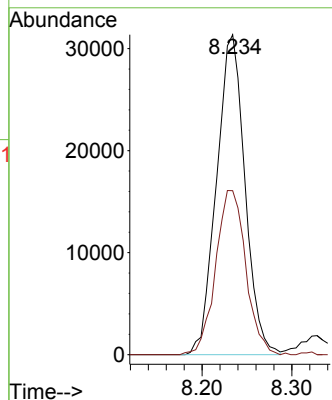
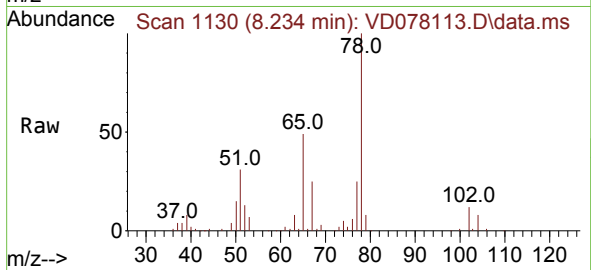




#33
 1,2-Dichloroethane-d4
 Concen: 50.141 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078113.D
 Acq: 29 Dec 2023 17:27

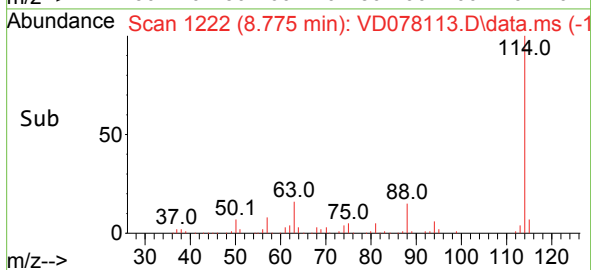
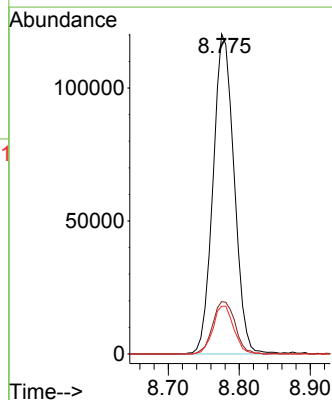
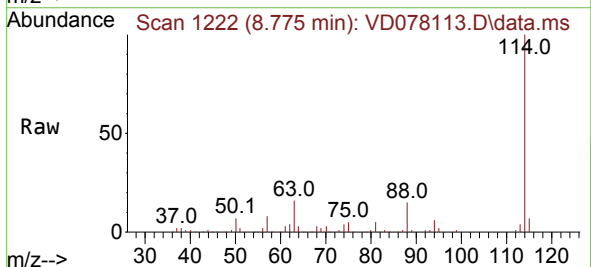
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

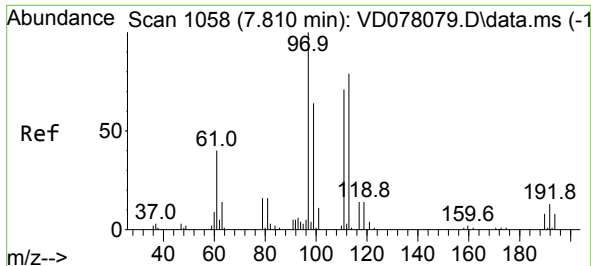
Tgt Ion: 65 Resp: 68954
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.005 min
 Lab File: VD078113.D
 Acq: 29 Dec 2023 17:27

Tgt Ion: 114 Resp: 247618
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 33.4
 88 14.9 0.0 26.2

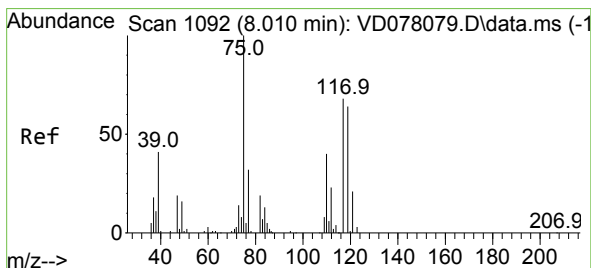
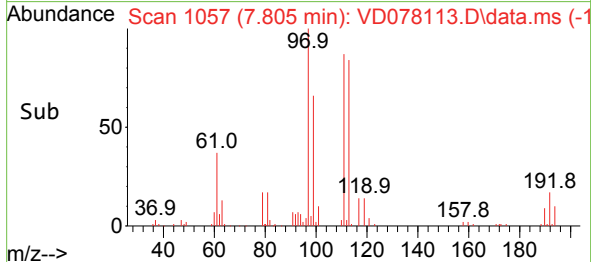
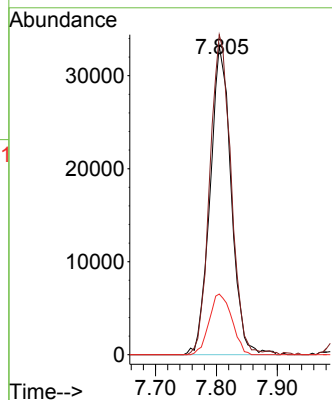
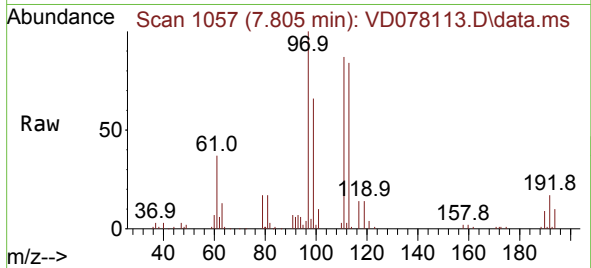




#35
Dibromofluoromethane
Concen: 50.150 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

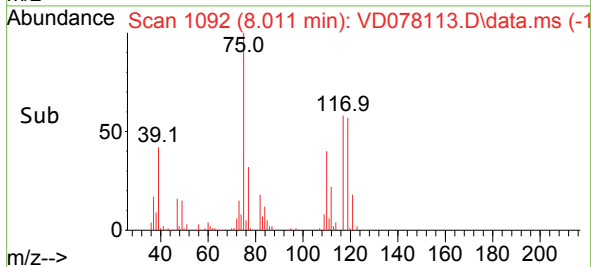
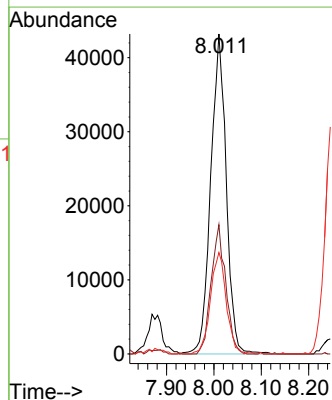
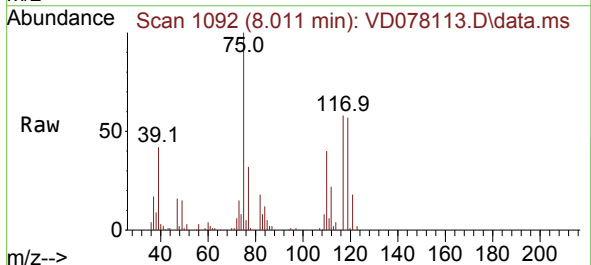
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

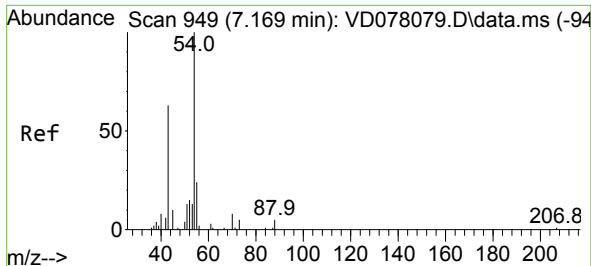
Tgt Ion:113 Resp: 79901
Ion Ratio Lower Upper
113 100
111 104.3 84.7 127.1
192 21.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 43.860 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

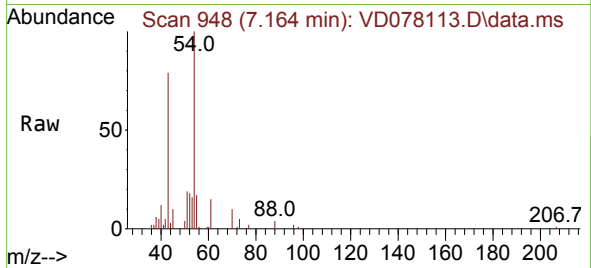
Tgt Ion: 75 Resp: 98324
Ion Ratio Lower Upper
75 100
110 37.9 19.9 59.6
77 32.1 24.7 37.1



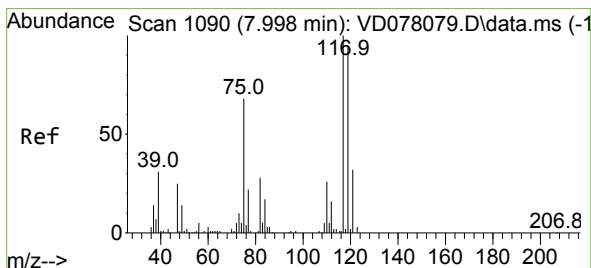
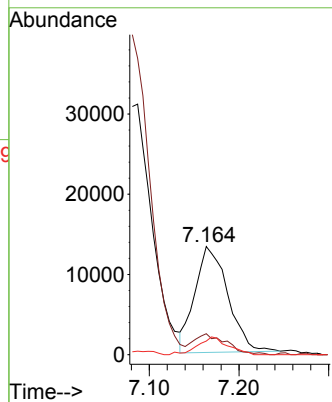
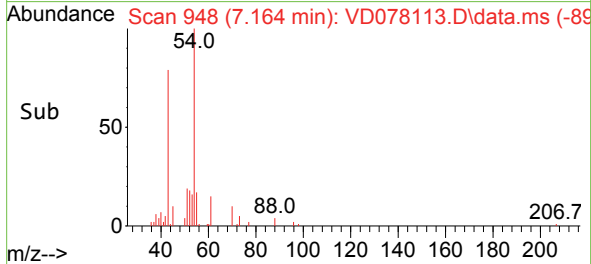


#37
Ethyl Acetate
Concen: 45.260 ug/l
RT: 7.164 min Scan# 949
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

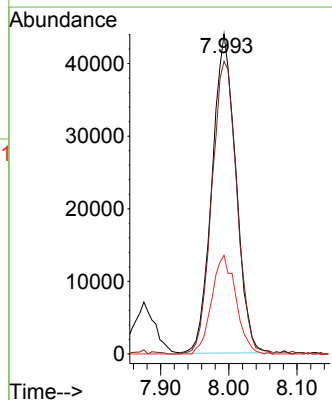
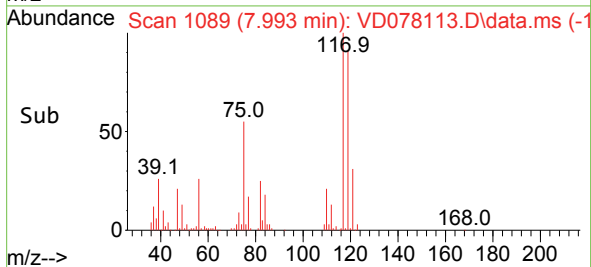
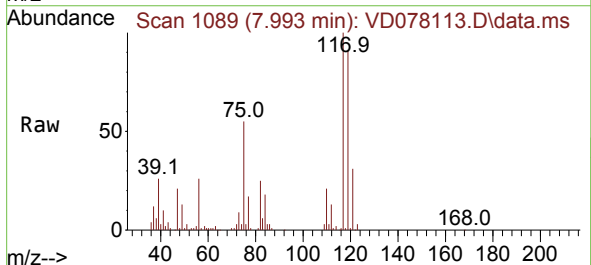


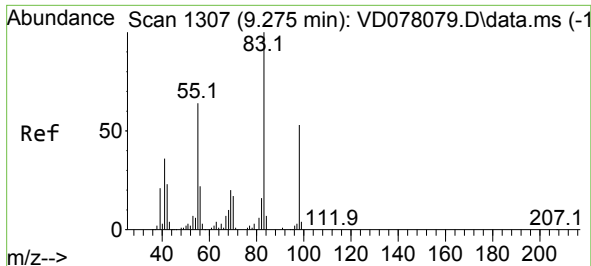
Tgt Ion: 43 Resp: 33745
Ion Ratio Lower Upper
43 100
61 19.5 14.9 22.3
70 15.2 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 44.003 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 117 Resp: 106892
Ion Ratio Lower Upper
117 100
119 91.7 78.0 117.0
121 30.9 24.2 36.2

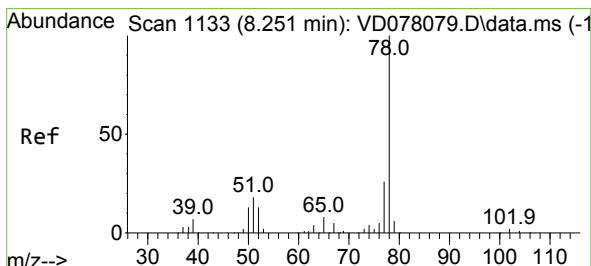
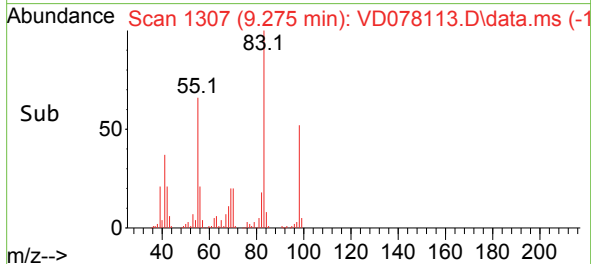
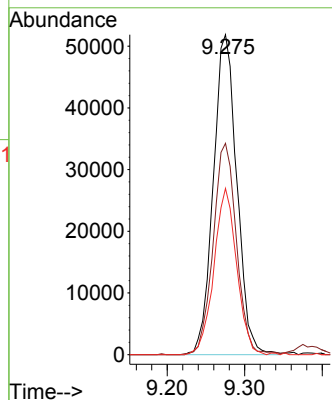
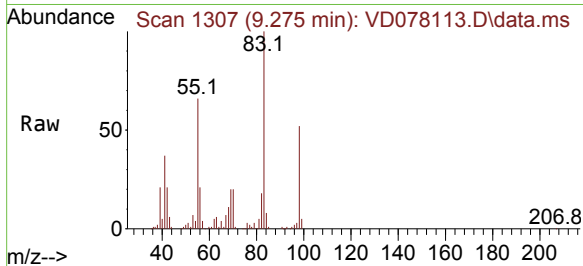




#39
Methylcyclohexane
Concen: 42.578 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

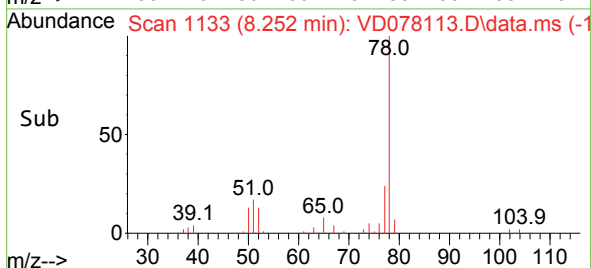
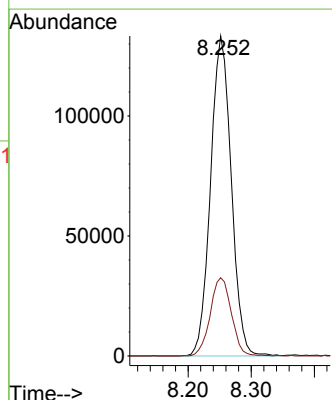
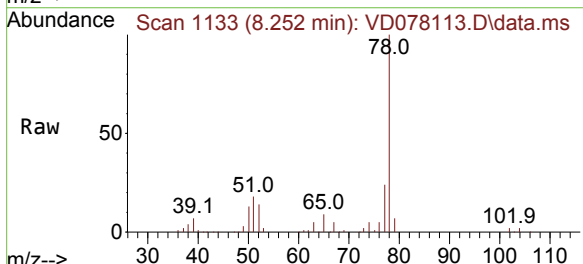
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

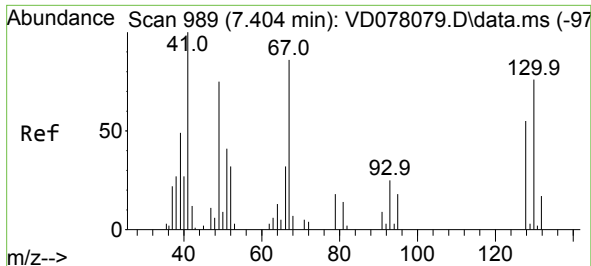
Tgt Ion: 83 Resp: 109432
Ion Ratio Lower Upper
83 100
55 66.0 49.4 74.0
98 51.9 38.4 57.6



#40
Benzene
Concen: 47.018 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 78 Resp: 303792
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0



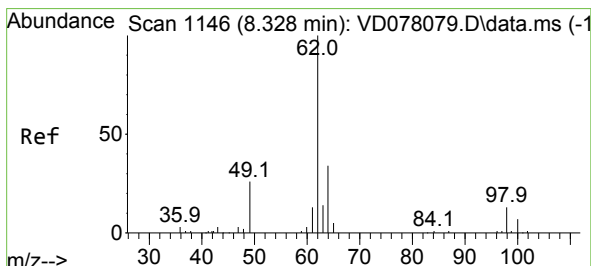
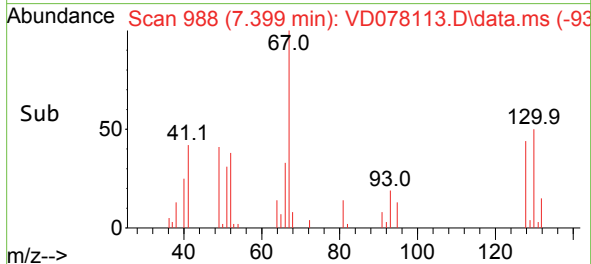
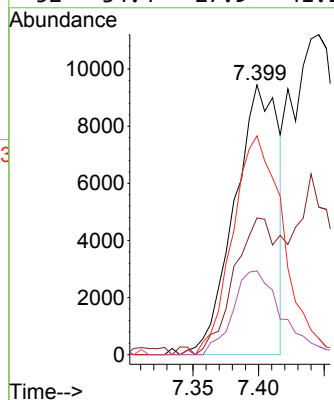
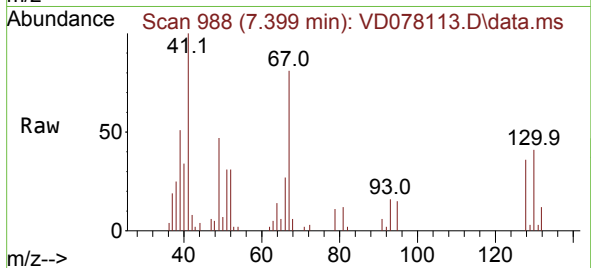


#41
Methacrylonitrile
Concen: 46.738 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 22046

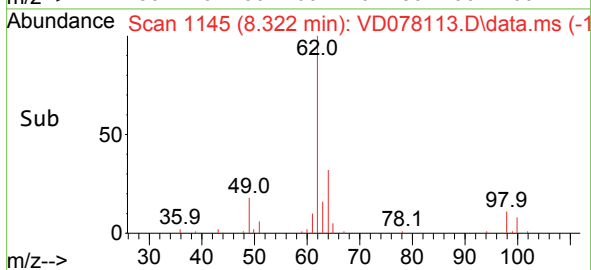
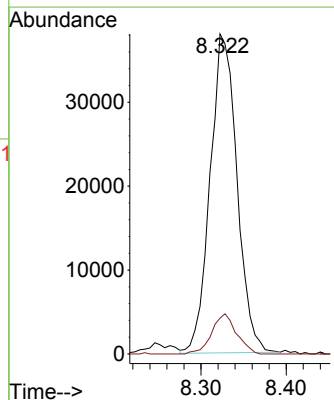
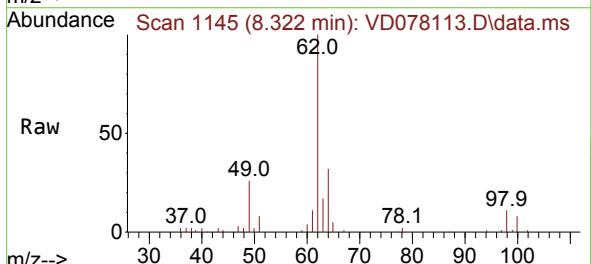
Ion	Ratio	Lower	Upper
41	100		
39	56.9	34.0	51.0#
67	93.5	77.0	115.4
52	34.4	27.9	41.9

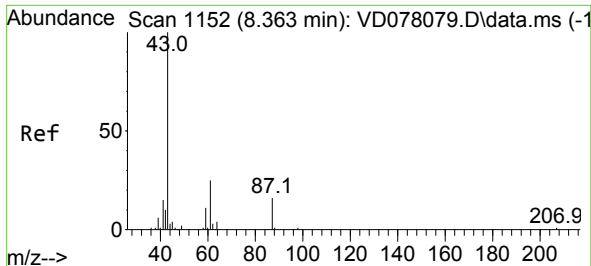


#42
1,2-Dichloroethane
Concen: 47.731 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 62 Resp: 83344

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	25.4

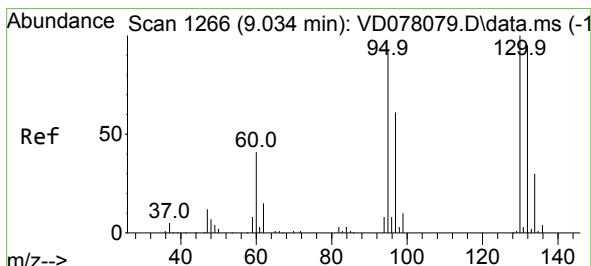
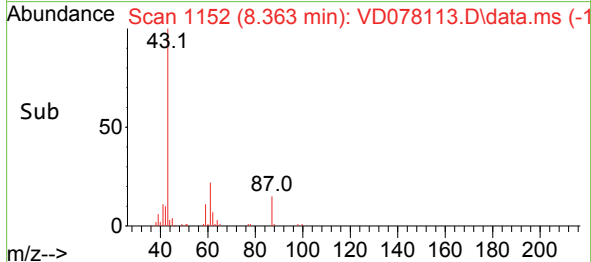
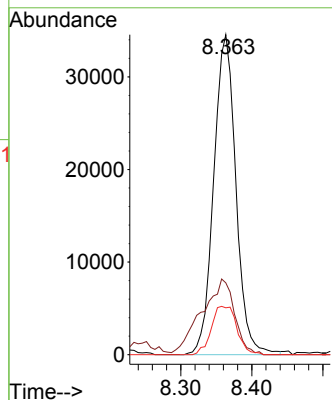
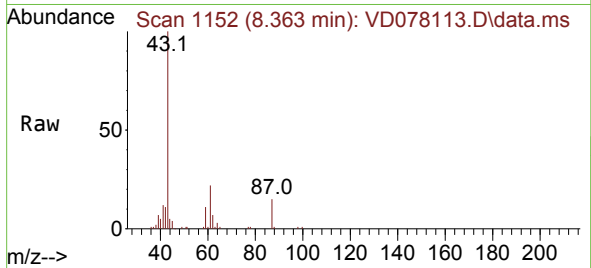




#43
Isopropyl Acetate
Concen: 50.143 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

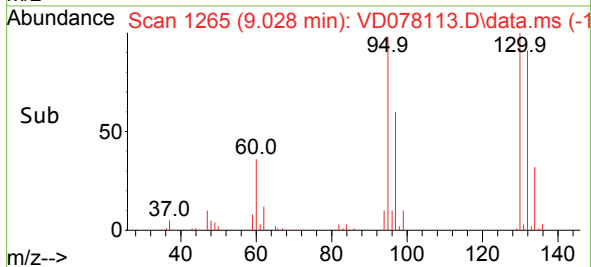
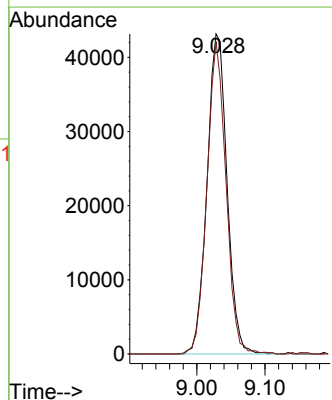
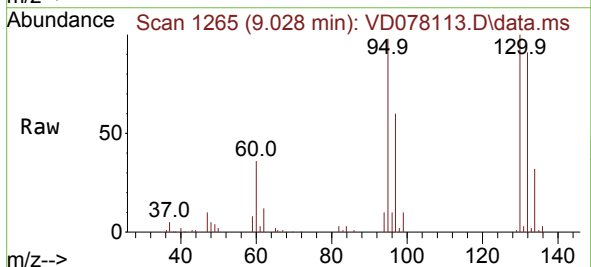
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

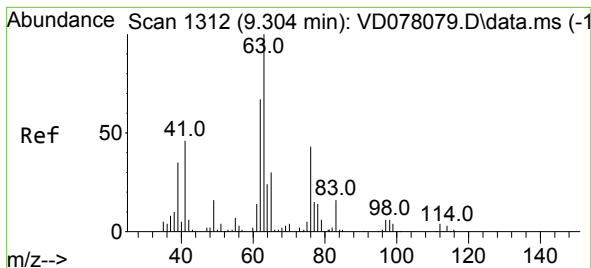
Tgt Ion: 43 Resp: 74849
Ion Ratio Lower Upper
43 100
61 35.1 31.4 47.0
87 17.4 14.9 22.3



#44
Trichloroethene
Concen: 47.496 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion:130 Resp: 88290
Ion Ratio Lower Upper
130 100
95 97.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 46.396 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

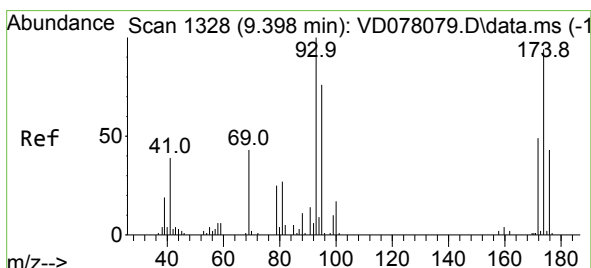
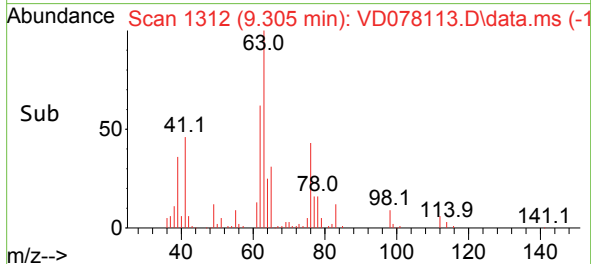
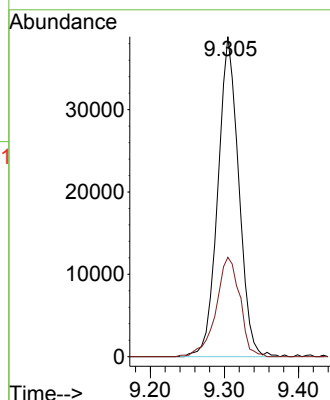
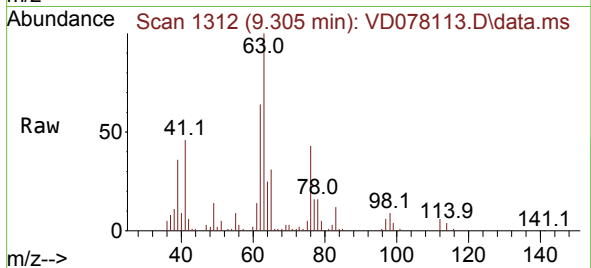
VSTDCCC050EC

Tgt Ion: 63 Resp: 75962

Ion Ratio Lower Upper

63 100

65 31.1 24.5 36.7



#46

Dibromomethane

Concen: 50.330 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

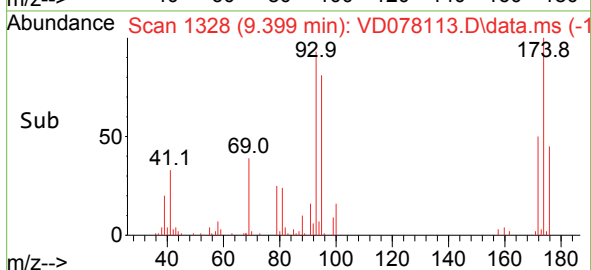
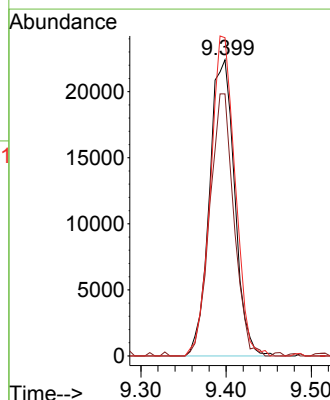
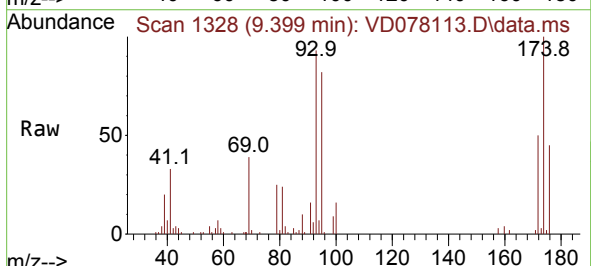
Tgt Ion: 93 Resp: 46152

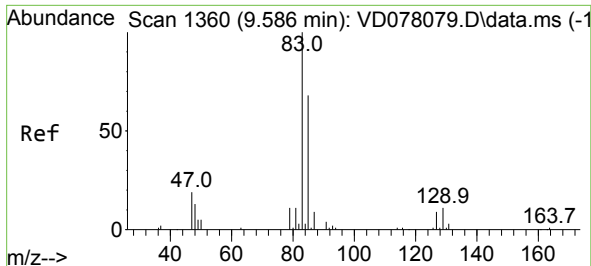
Ion Ratio Lower Upper

93 100

95 84.6 67.7 101.5

174 105.3 85.4 128.2





#47

Bromodichloromethane

Concen: 47.915 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.005 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

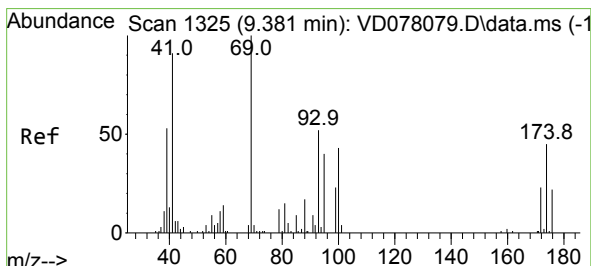
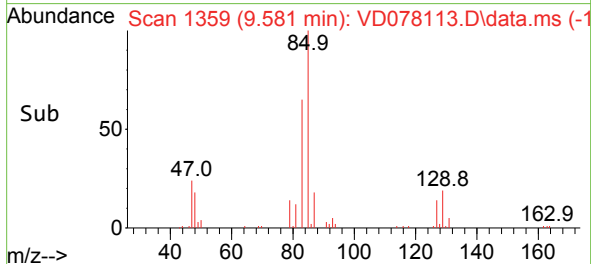
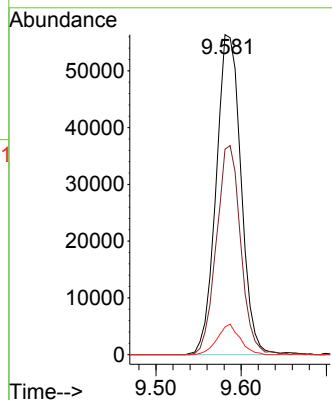
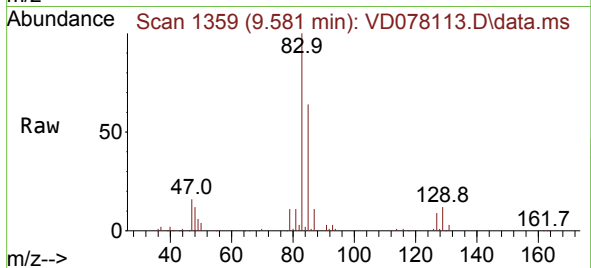
Tgt Ion: 83 Resp: 114131

Ion Ratio Lower Upper

83 100

85 64.2 50.2 75.4

127 8.7 6.3 9.5



#48

Methyl methacrylate

Concen: 49.639 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

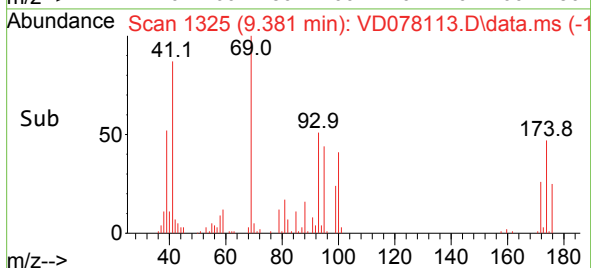
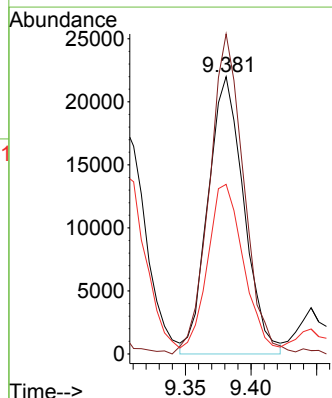
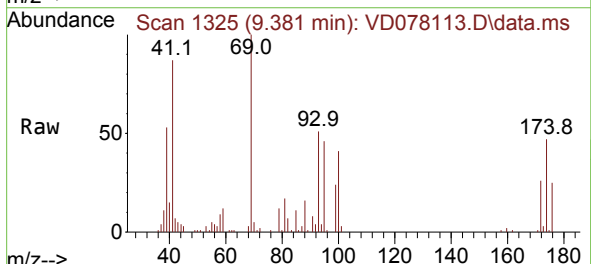
Tgt Ion: 41 Resp: 41759

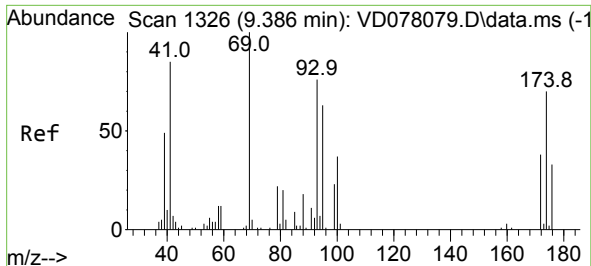
Ion Ratio Lower Upper

41 100

69 110.5 102.2 153.2

39 62.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 973.965 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.005 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

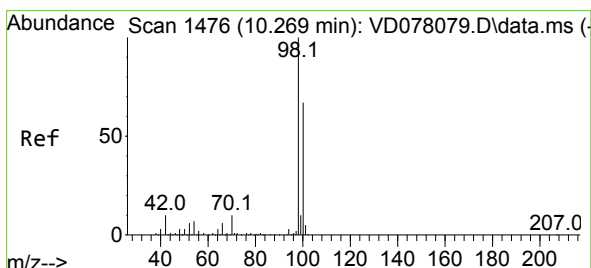
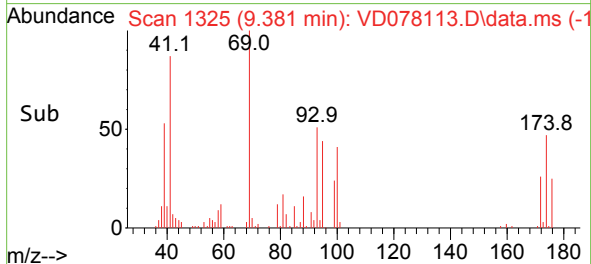
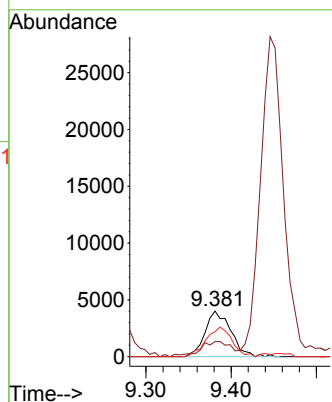
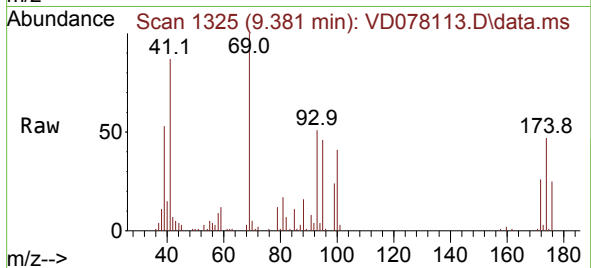
Tgt Ion: 88 Resp: 8443

Ion Ratio Lower Upper

88 100

43 38.6 19.0 28.6#

58 64.6 43.5 65.3



#50

Toluene-d8

Concen: 51.602 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078113.D

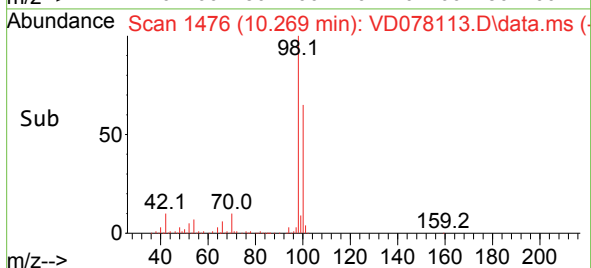
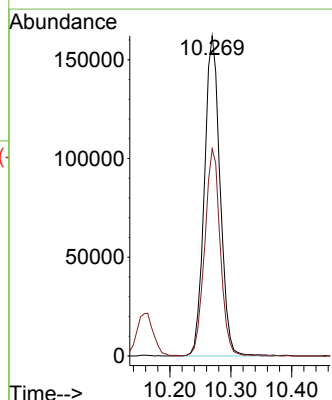
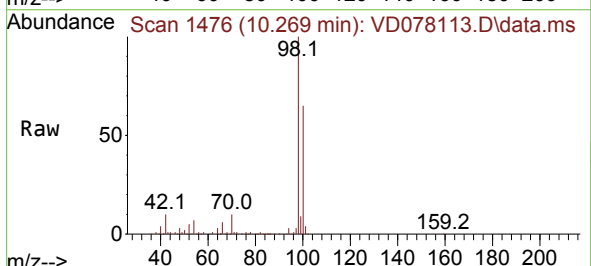
Acq: 29 Dec 2023 17:27

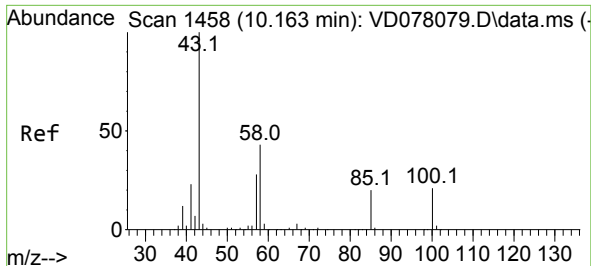
Tgt Ion: 98 Resp: 289290

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

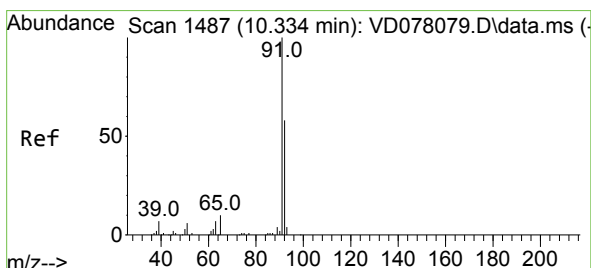
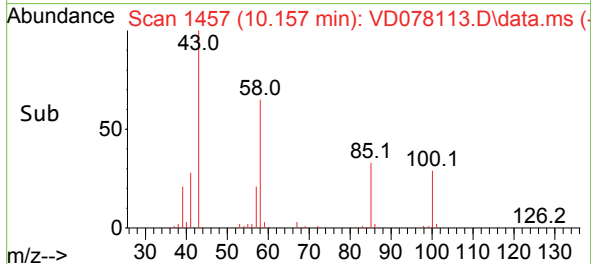
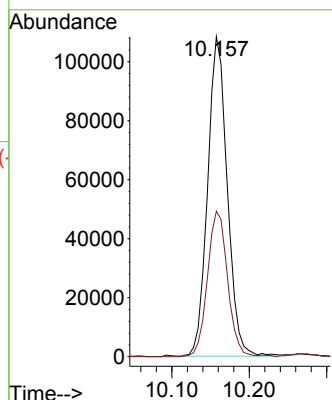
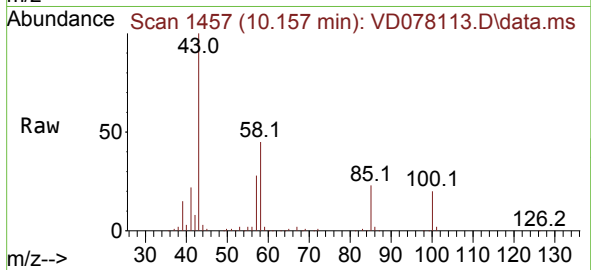




#51
4-Methyl-2-Pentanone
Concen: 249.630 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

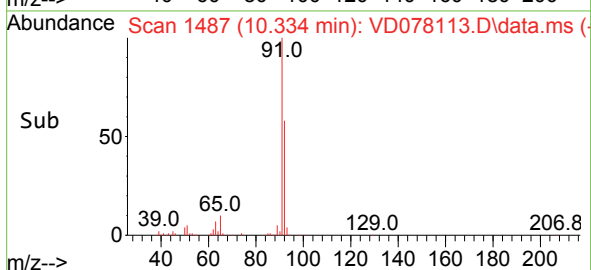
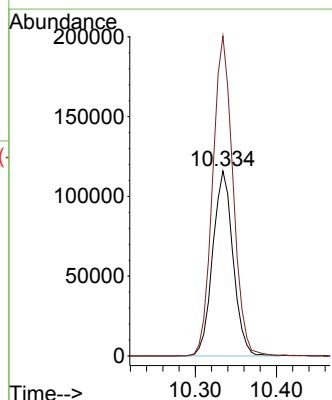
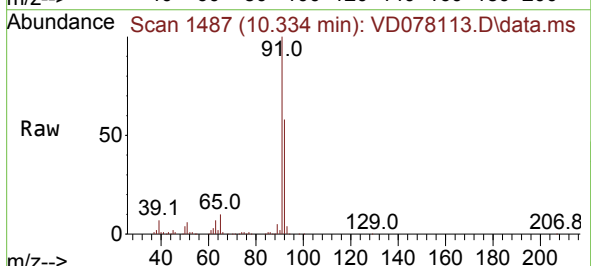
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

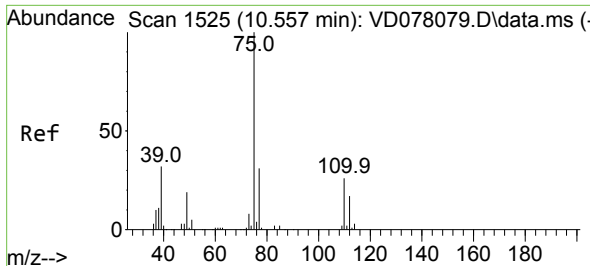
Tgt Ion: 43 Resp: 191200
Ion Ratio Lower Upper
43 100
58 46.5 38.9 58.3



#52
Toluene
Concen: 48.147 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 92 Resp: 201772
Ion Ratio Lower Upper
92 100
91 173.4 143.0 214.4

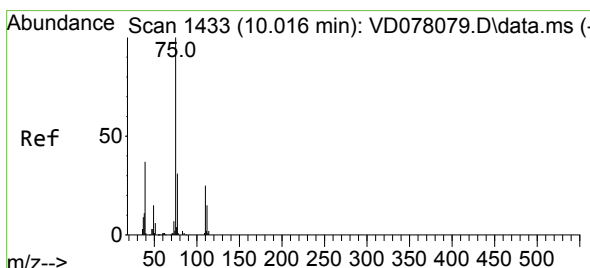
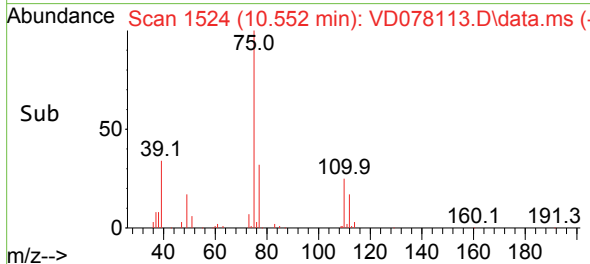
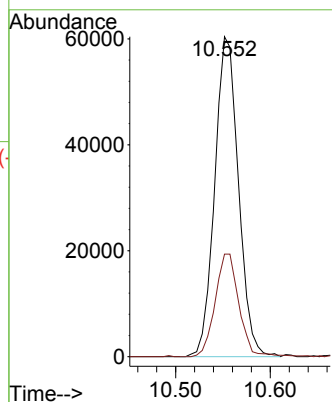
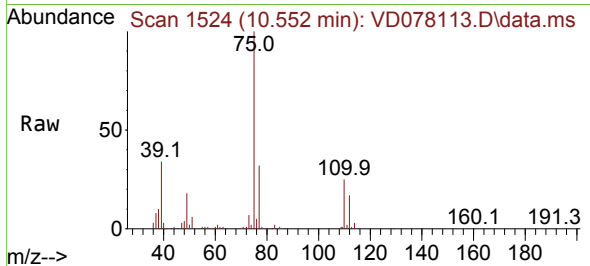




#53
t-1,3-Dichloropropene
Concen: 48.680 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

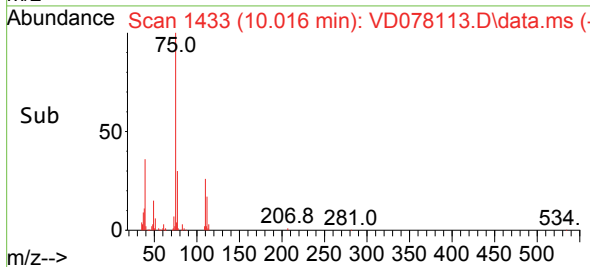
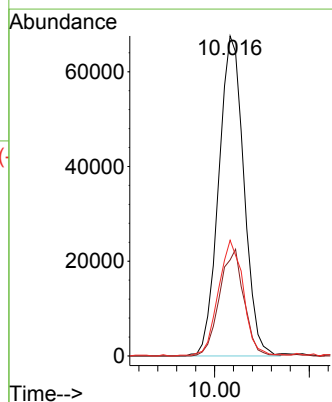
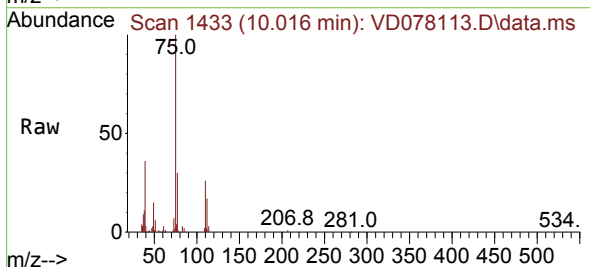
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

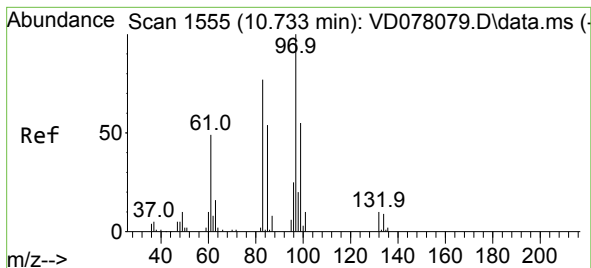
Tgt Ion: 75 Resp: 105205
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.100 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 75 Resp: 124835
Ion Ratio Lower Upper
75 100
77 30.0 25.5 38.3
39 35.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 50.026 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 64554

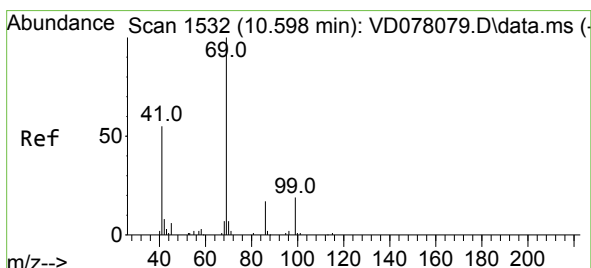
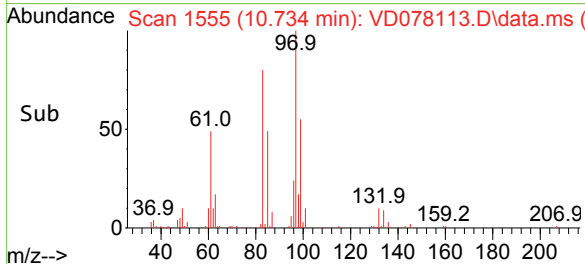
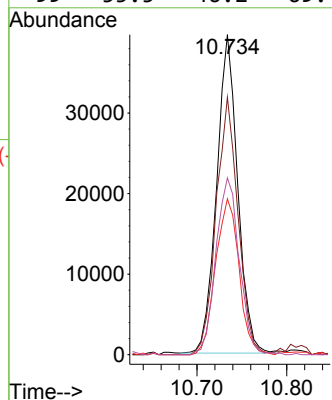
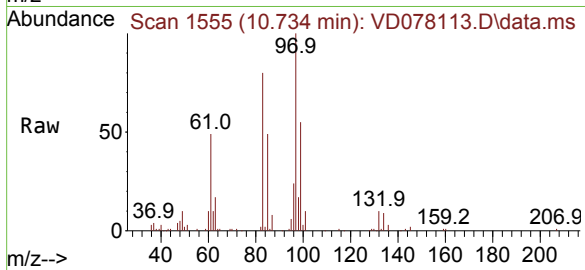
Ion Ratio Lower Upper

97 100

83 80.9 65.8 98.6

85 49.0 45.7 68.5

99 55.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 53.475 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

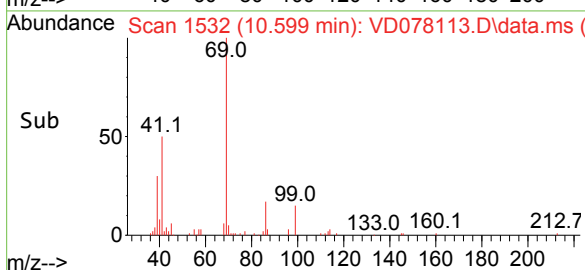
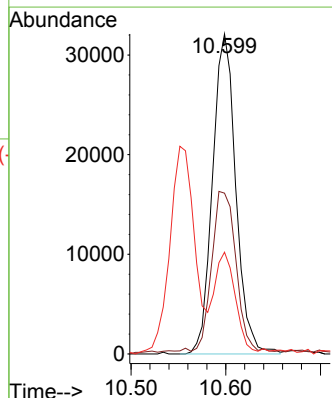
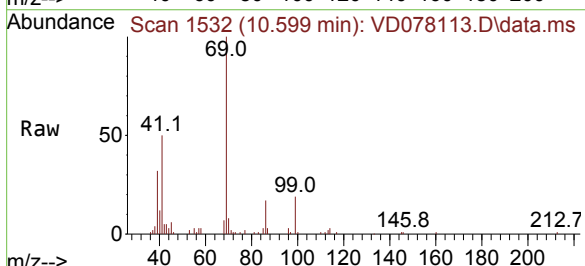
Tgt Ion: 69 Resp: 54761

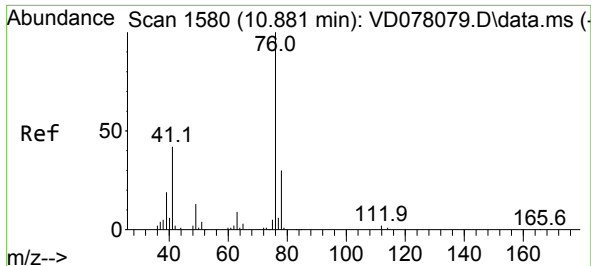
Ion Ratio Lower Upper

69 100

41 53.1 39.1 58.7

39 27.0 20.0 30.0





#57

1,3-Dichloropropane

Concen: 50.197 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

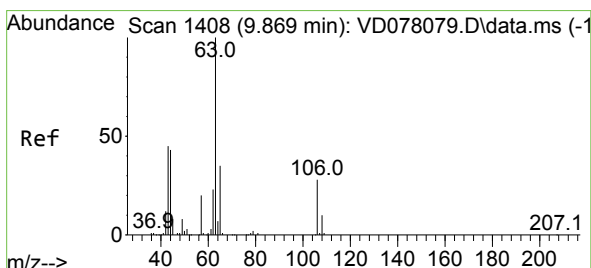
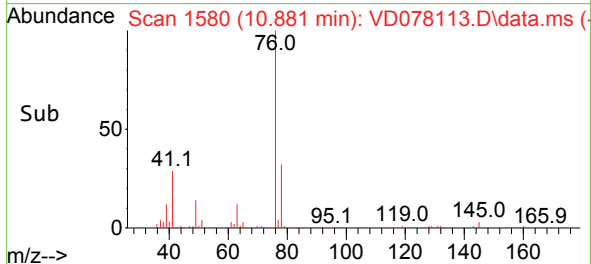
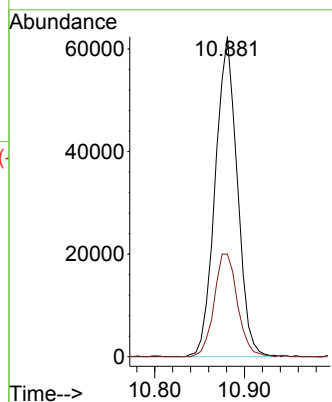
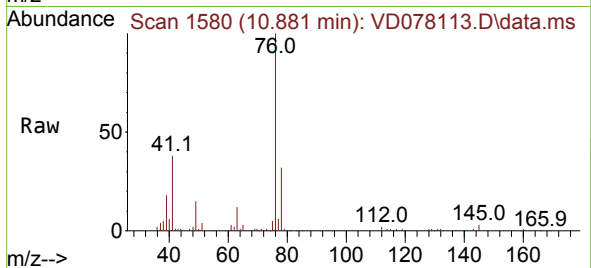
VSTDCCC050EC

Tgt Ion: 76 Resp: 106426

Ion Ratio Lower Upper

76 100

78 34.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 335.327 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078113.D

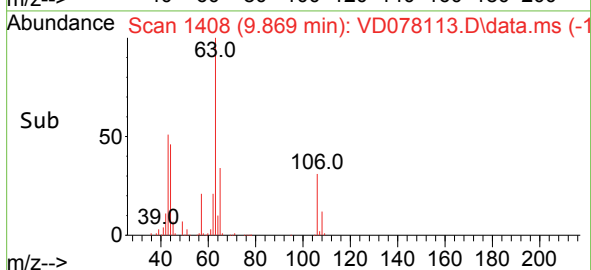
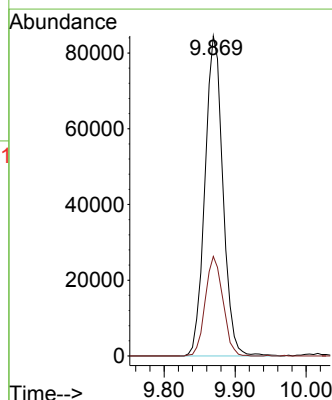
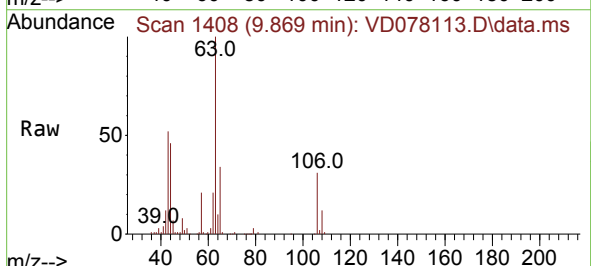
Acq: 29 Dec 2023 17:27

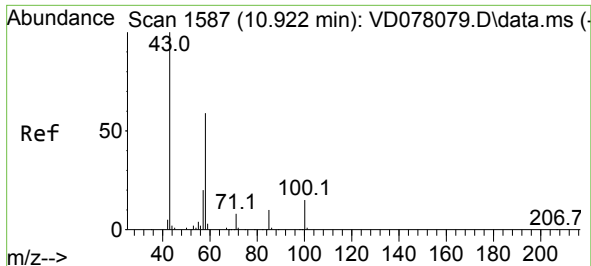
Tgt Ion: 63 Resp: 148673

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

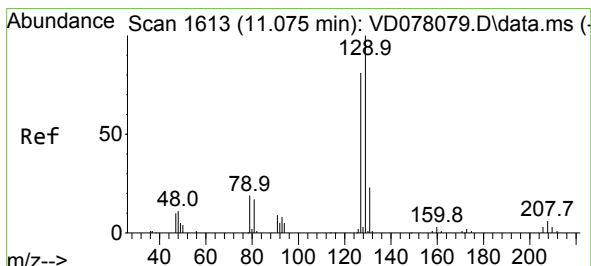
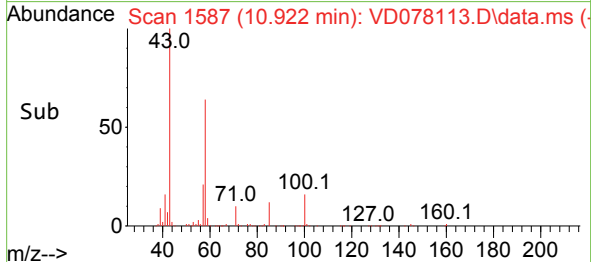
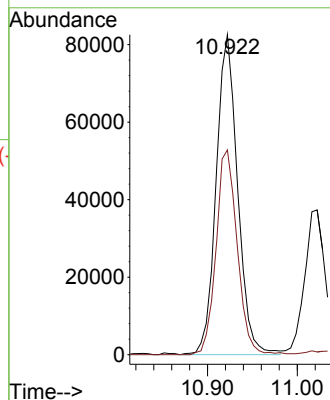
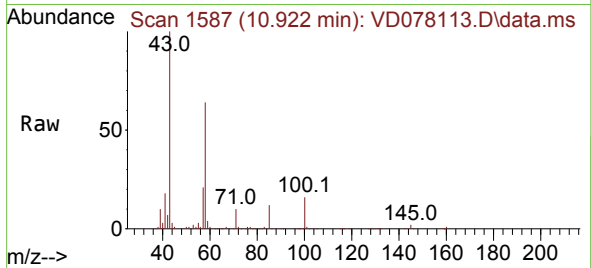




#59
2-Hexanone
Concen: 230.322 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

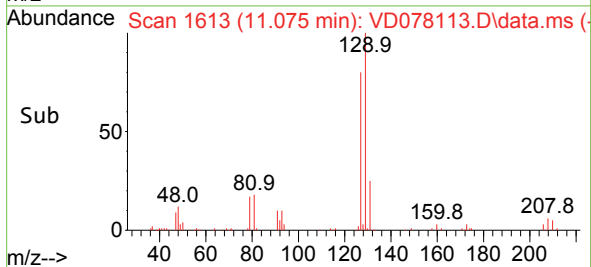
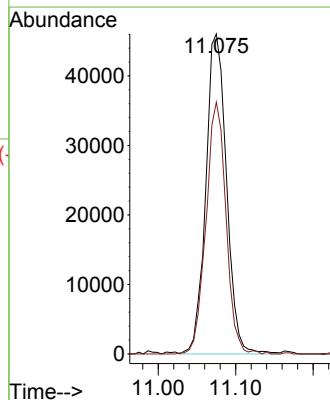
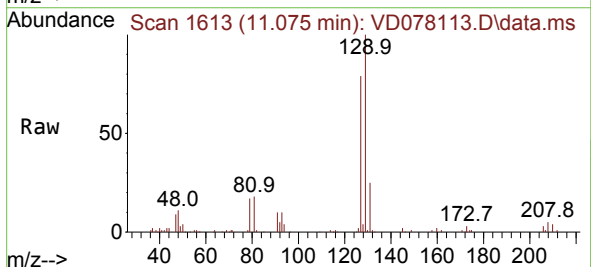
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

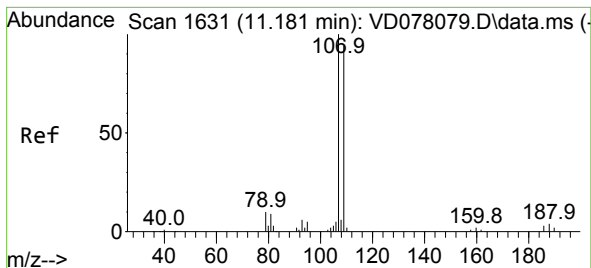
Tgt Ion: 43 Resp: 137030
Ion Ratio Lower Upper
43 100
58 63.1 34.1 102.2



#60
Dibromochloromethane
Concen: 52.090 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 129 Resp: 85631
Ion Ratio Lower Upper
129 100
127 76.1 37.1 111.5

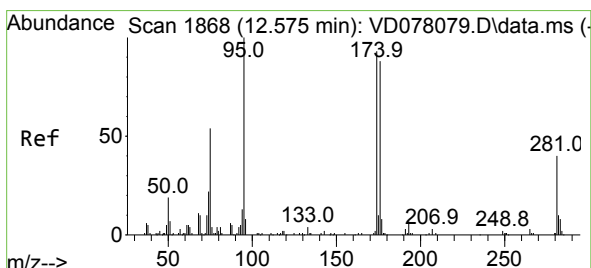
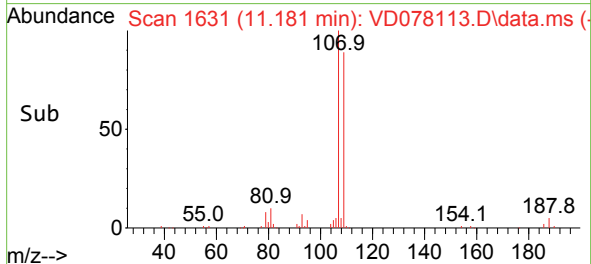
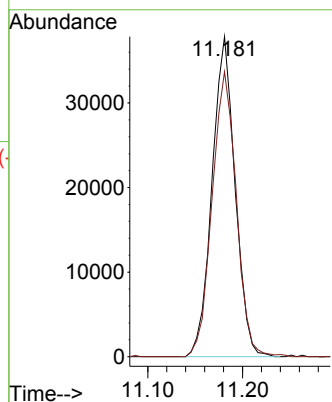
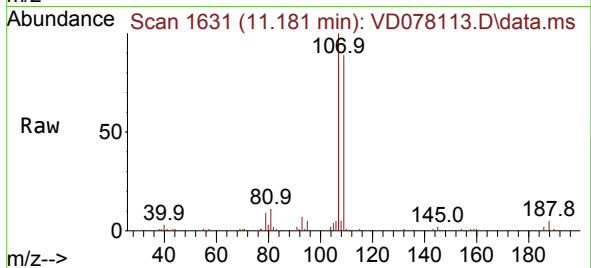




#61
1,2-Dibromoethane
Concen: 51.617 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

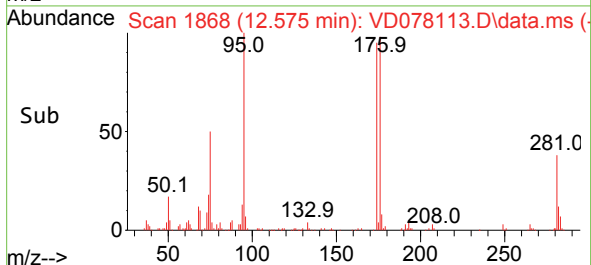
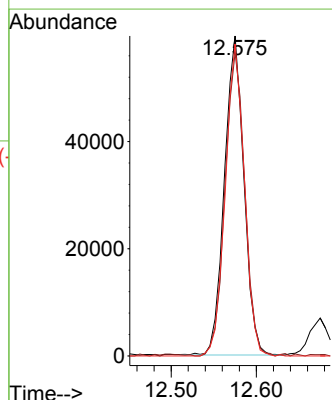
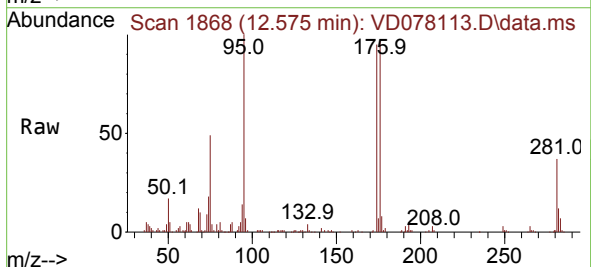
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

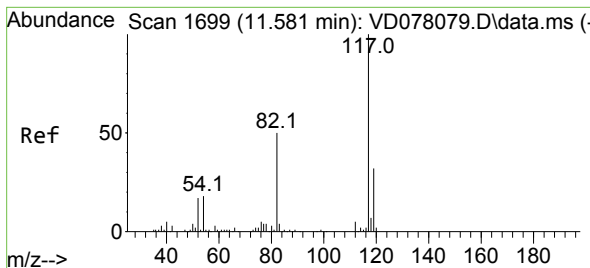
Tgt Ion:107 Resp: 63858
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.260 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 95 Resp: 94267
Ion Ratio Lower Upper
95 100
174 96.9 0.0 201.8
176 95.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

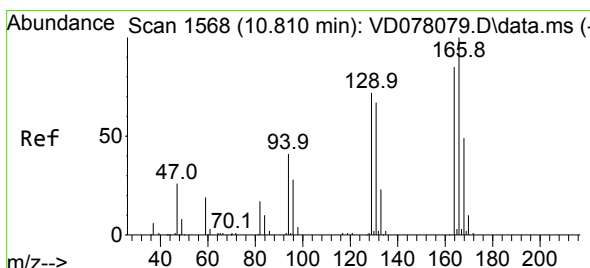
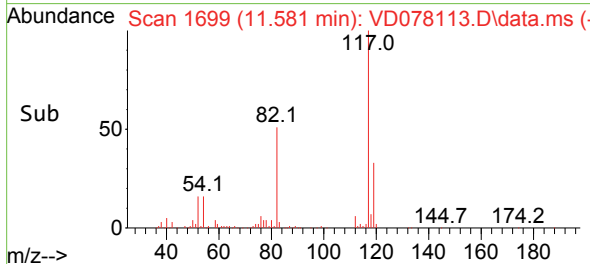
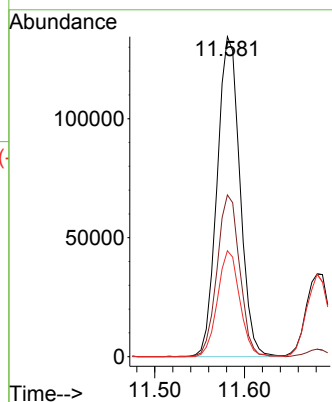
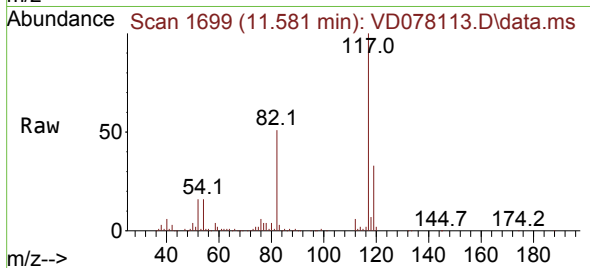
Tgt Ion:117 Resp: 237547

Ion Ratio Lower Upper

117 100

82 50.4 38.3 57.5

119 33.1 25.0 37.4



#64

Tetrachloroethene

Concen: 45.627 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Tgt Ion:164 Resp: 73238

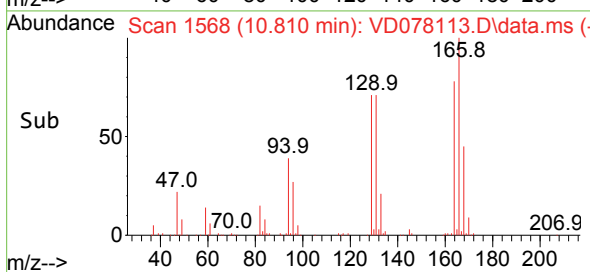
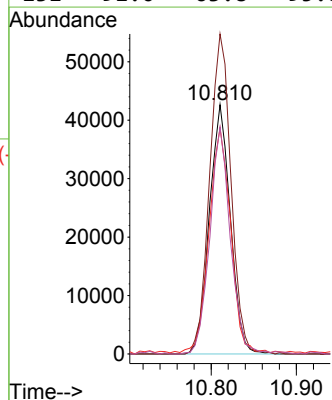
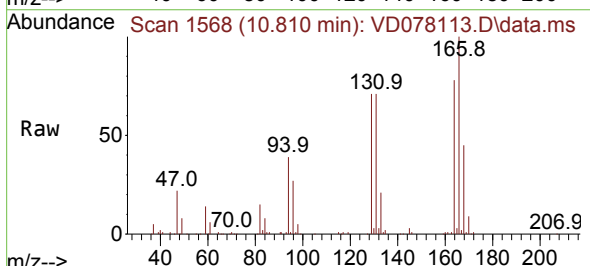
Ion Ratio Lower Upper

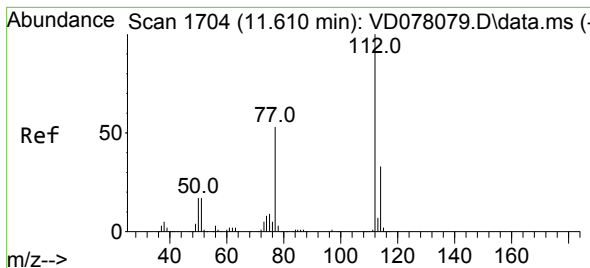
164 100

166 128.4 99.2 148.8

129 90.1 68.4 102.6

131 91.0 63.8 95.8





#65

Chlorobenzene

Concen: 46.228 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.005 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

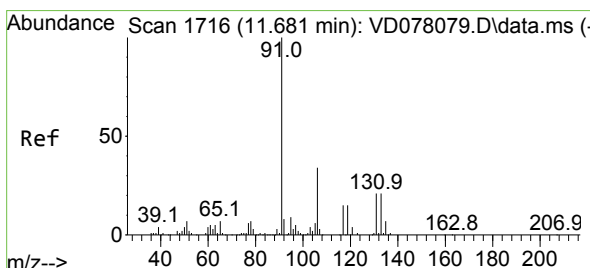
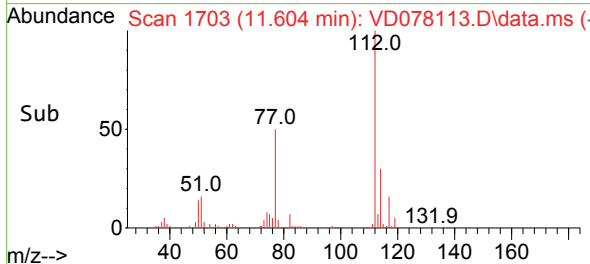
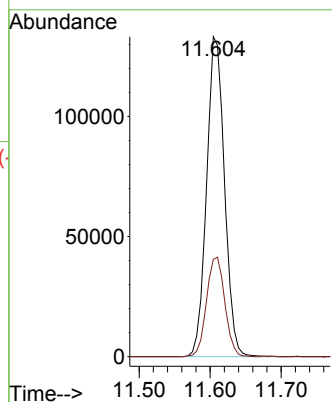
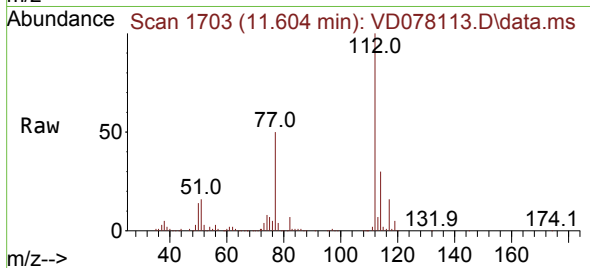
VSTDCCC050EC

Tgt Ion:112 Resp: 233294

Ion Ratio Lower Upper

112 100

114 30.4 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 47.499 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

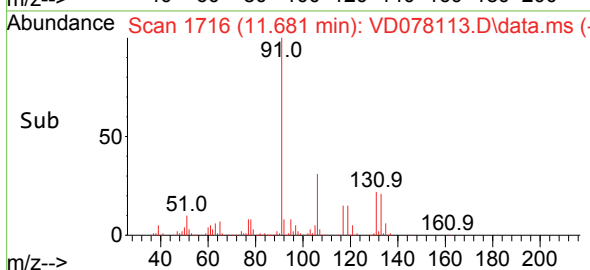
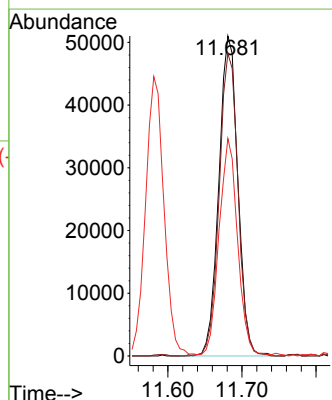
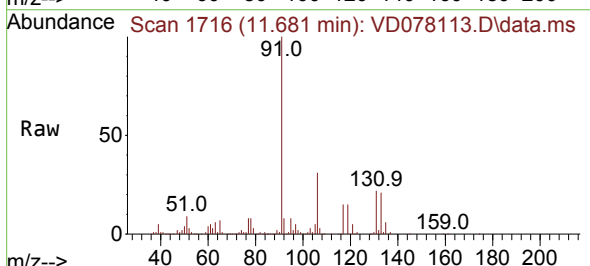
Tgt Ion:131 Resp: 90728

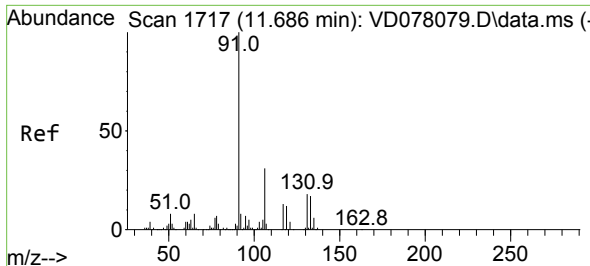
Ion Ratio Lower Upper

131 100

133 93.9 48.5 145.5

119 65.4 35.6 106.9

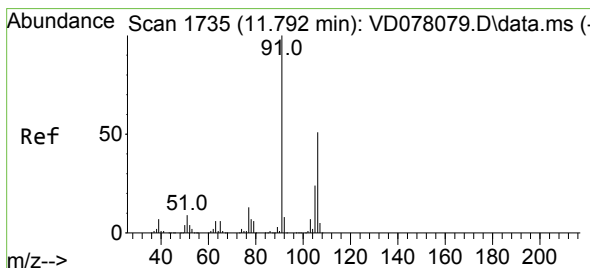
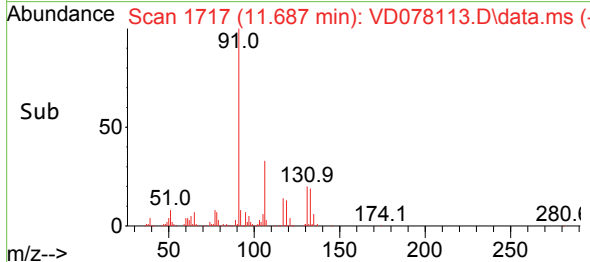
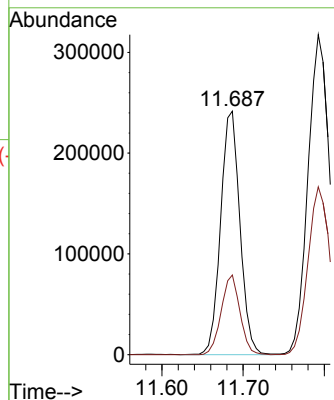
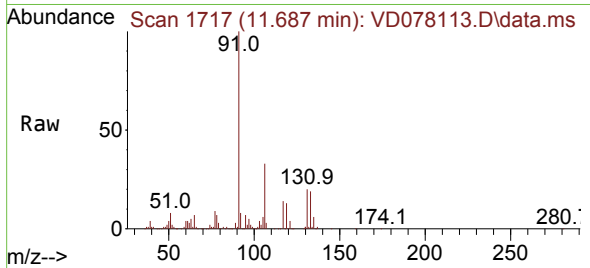




#67
Ethyl Benzene
Concen: 45.505 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

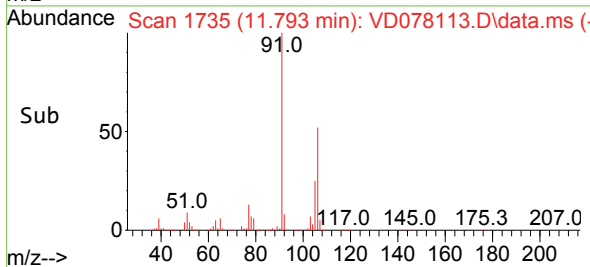
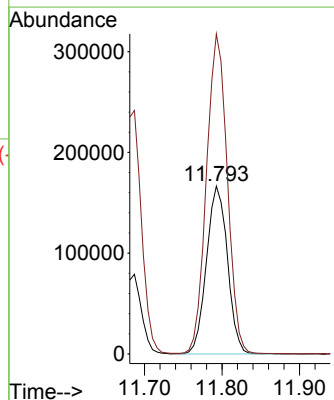
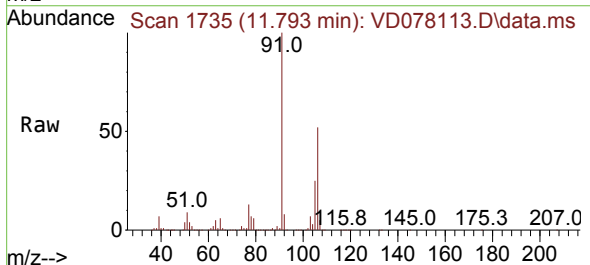
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

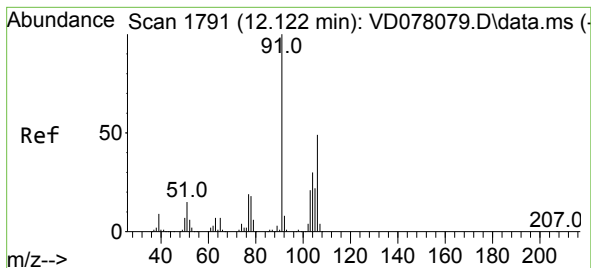
Tgt Ion: 91 Resp: 400356
Ion Ratio Lower Upper
91 100
106 32.7 26.5 39.7



#68
m/p-Xylenes
Concen: 91.401 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 106 Resp: 312964
Ion Ratio Lower Upper
106 100
91 189.9 147.0 220.6

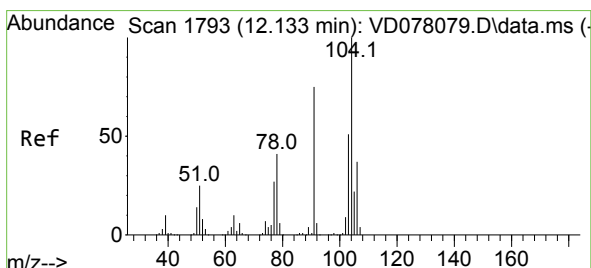
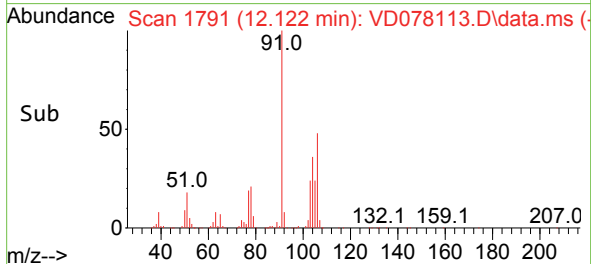
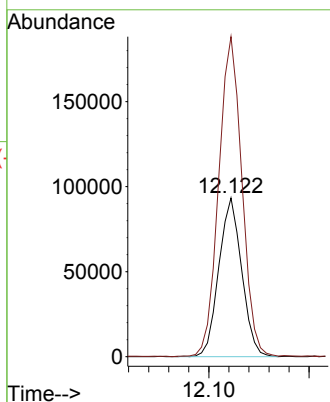
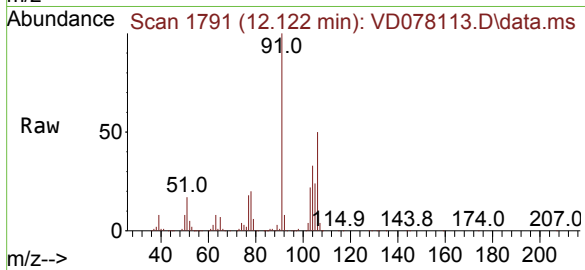




#69
o-Xylene
Concen: 46.197 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

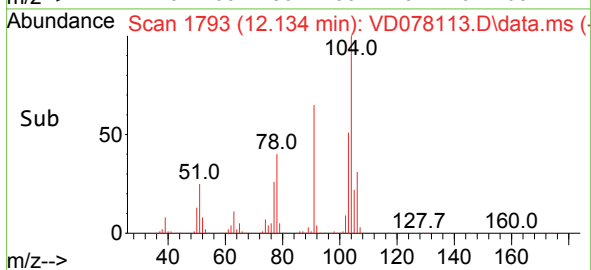
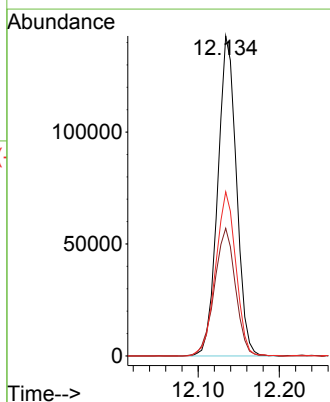
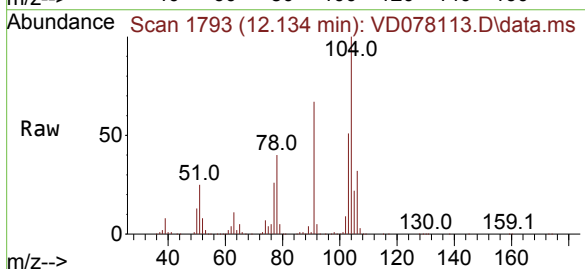
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

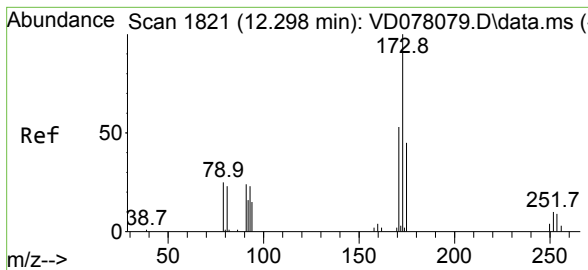
Tgt Ion:106 Resp: 147428
Ion Ratio Lower Upper
106 100
91 205.8 97.9 293.6



#70
Styrene
Concen: 48.653 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion:104 Resp: 229243
Ion Ratio Lower Upper
104 100
78 44.8 33.2 49.8
103 55.6 43.6 65.4





#71

Bromoform

Concen: 51.638 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

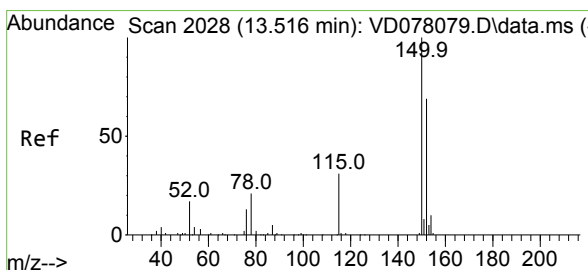
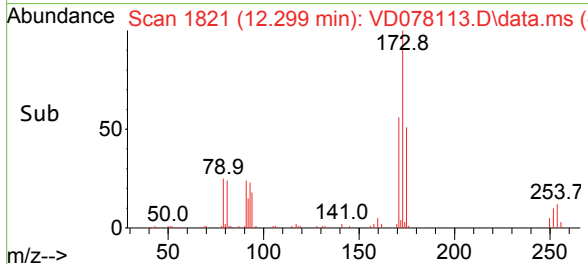
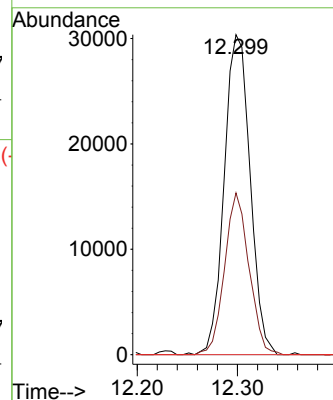
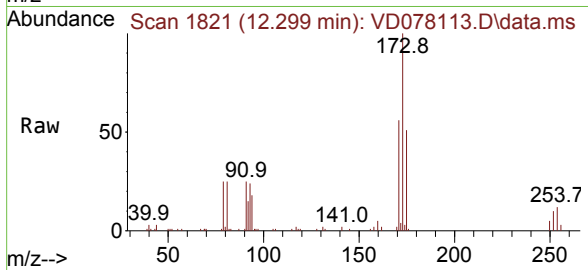
Tgt Ion:173 Resp: 54416

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

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. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

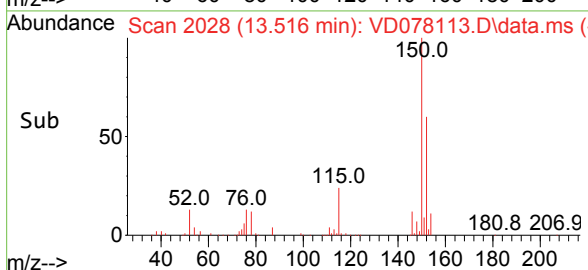
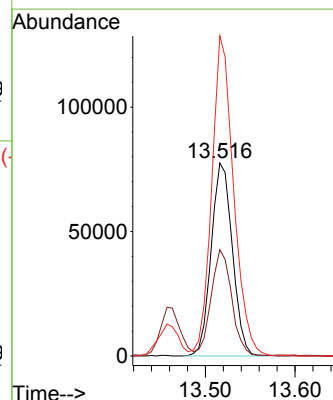
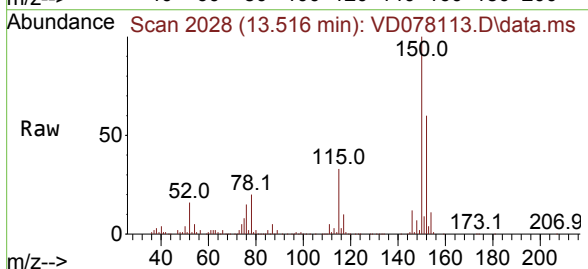
Tgt Ion:152 Resp: 127286

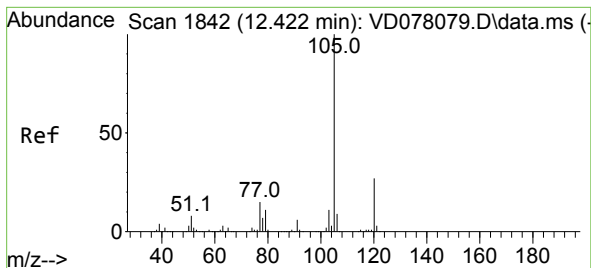
Ion Ratio Lower Upper

152 100

115 52.9 27.1 81.3

150 171.4 0.0 353.6





#73

Isopropylbenzene

Concen: 44.217 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

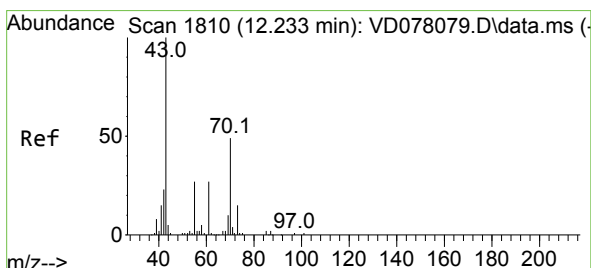
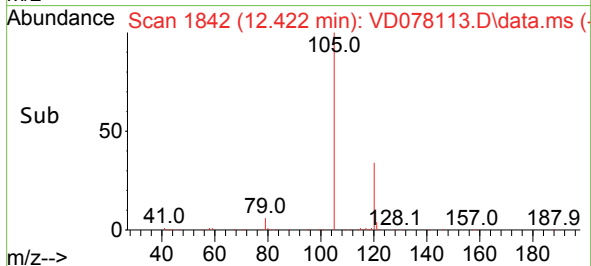
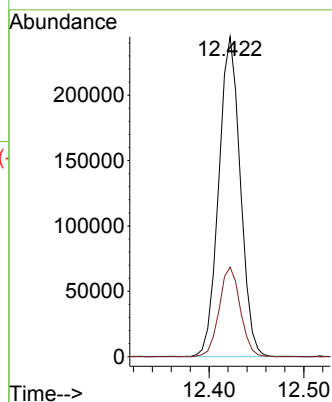
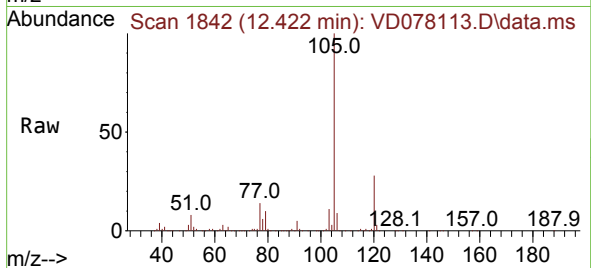
VSTDCCC050EC

Tgt Ion:105 Resp: 387649

Ion Ratio Lower Upper

105 100

120 27.3 14.3 42.9



#74

N-ethyl acetate

Concen: 46.429 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Tgt Ion: 43 Resp: 67572

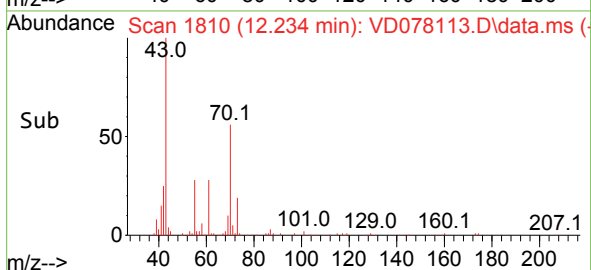
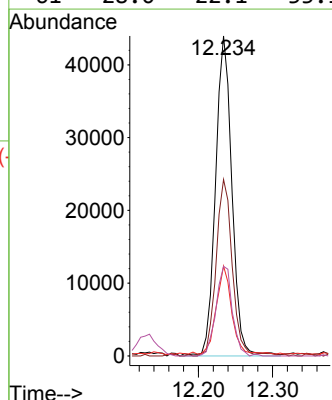
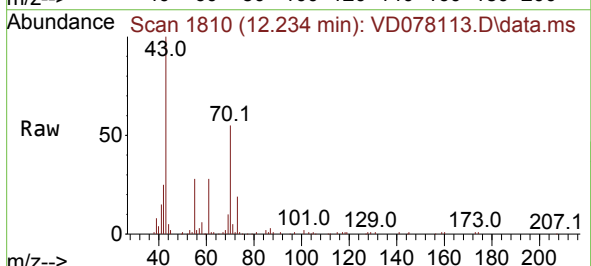
Ion Ratio Lower Upper

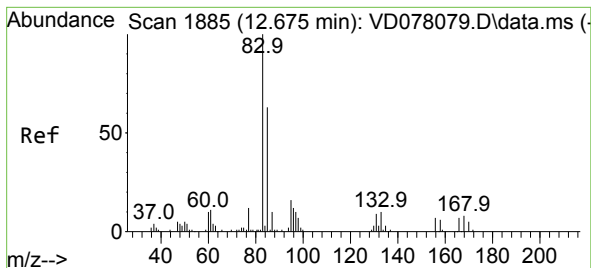
43 100

70 53.8 45.0 67.4

55 27.2 23.8 35.6

61 28.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.147 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

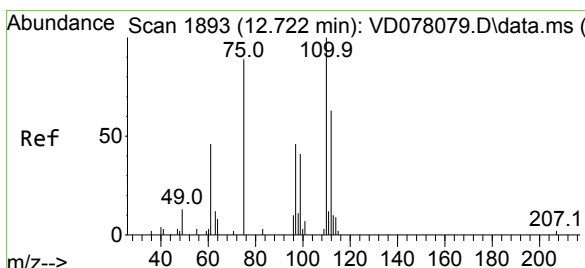
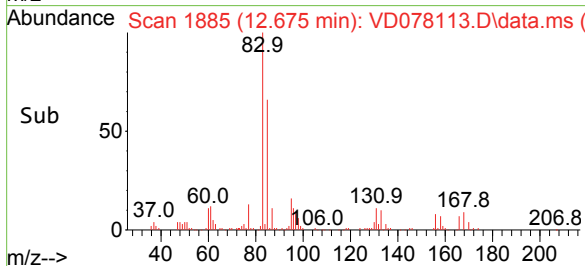
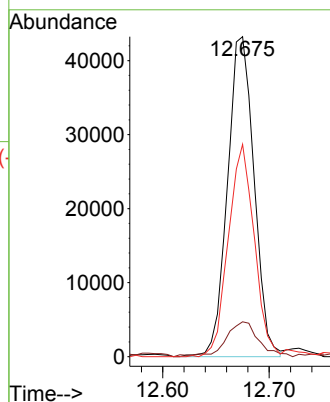
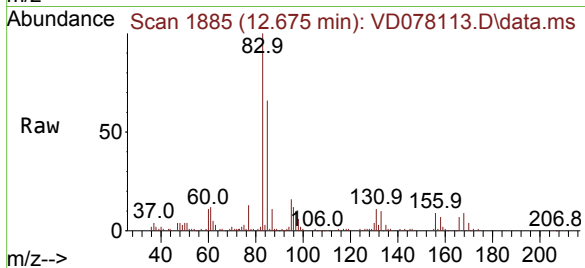
Tgt Ion: 83 Resp: 75121

Ion Ratio Lower Upper

83 100

131 13.4 5.1 15.3

85 64.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 80.483 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078113.D

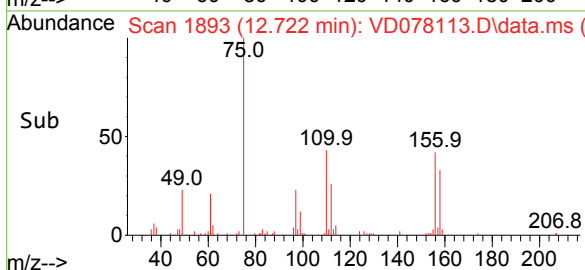
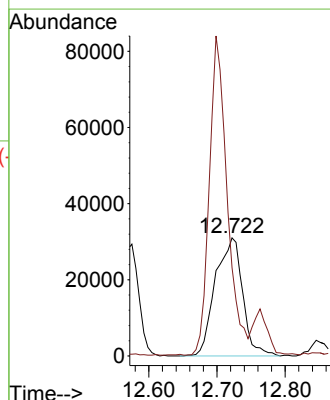
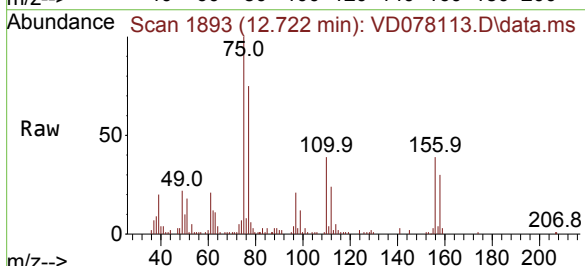
Acq: 29 Dec 2023 17:27

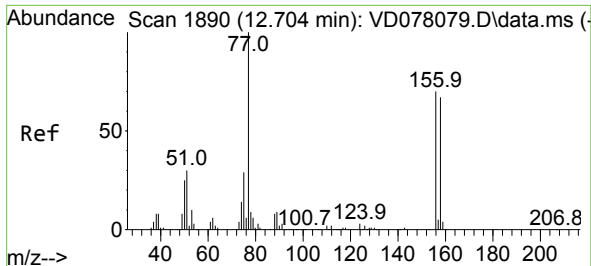
Tgt Ion: 75 Resp: 86428

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

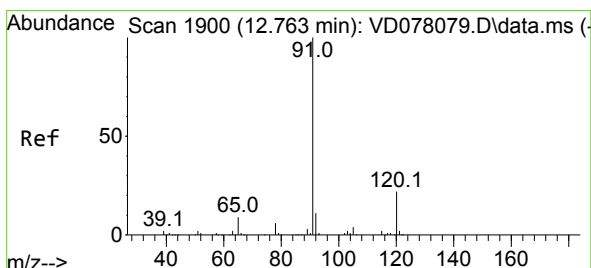
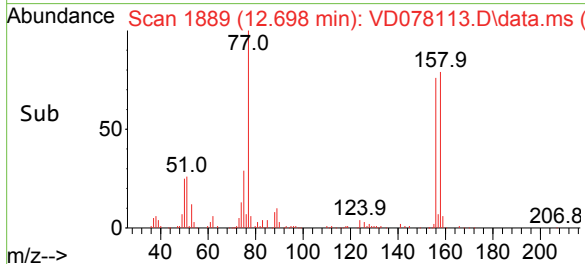
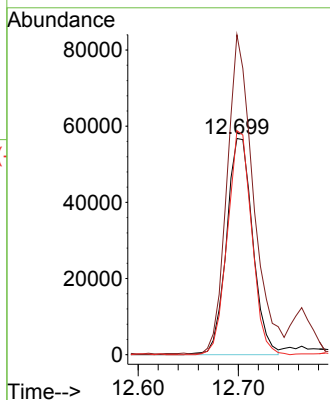
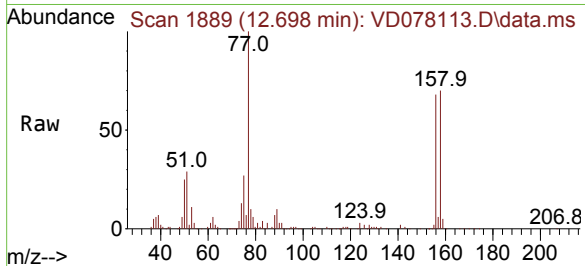




#77
Bromobenzene
Concen: 48.273 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.005 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

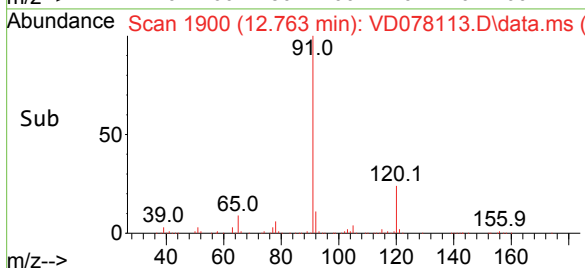
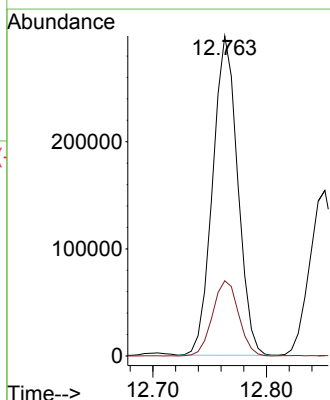
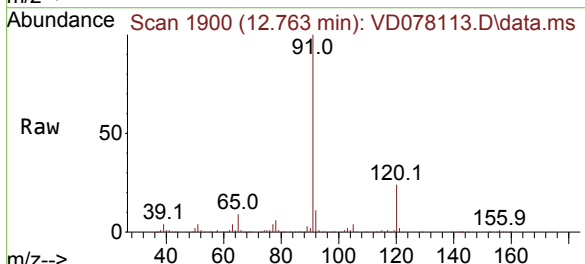
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

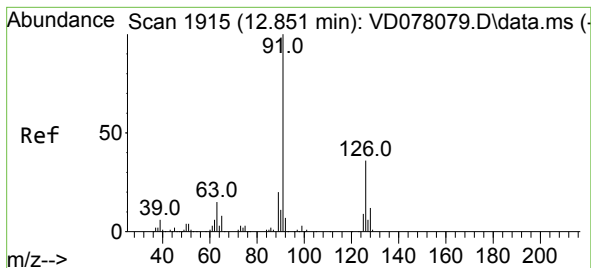
Tgt Ion:156 Resp: 102954
Ion Ratio Lower Upper
156 100
77 149.0 76.8 230.4
158 96.1 48.6 145.9



#78
n-propylbenzene
Concen: 43.274 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 91 Resp: 456655
Ion Ratio Lower Upper
91 100
120 24.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 44.124 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

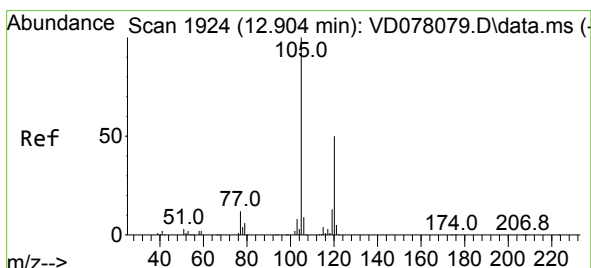
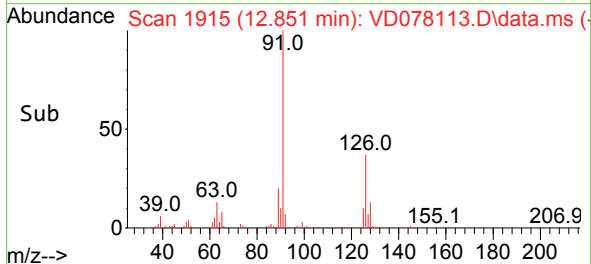
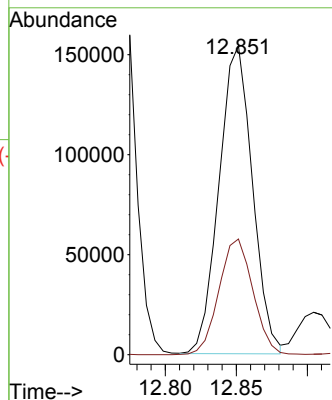
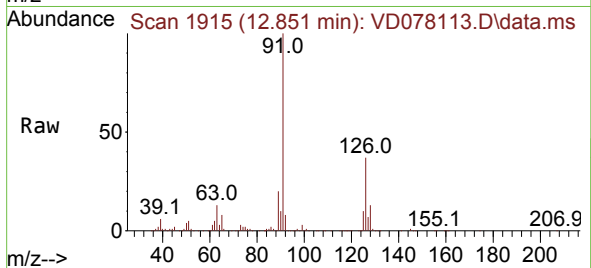
VSTDCCC050EC

Tgt Ion: 91 Resp: 251851

Ion Ratio Lower Upper

91 100

126 38.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 44.722 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078113.D

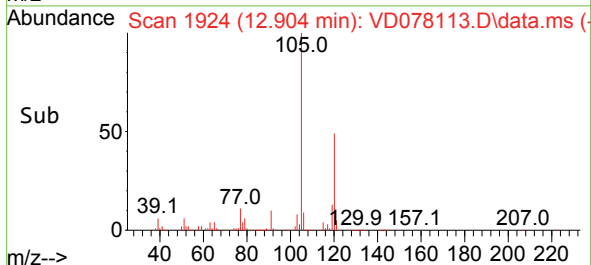
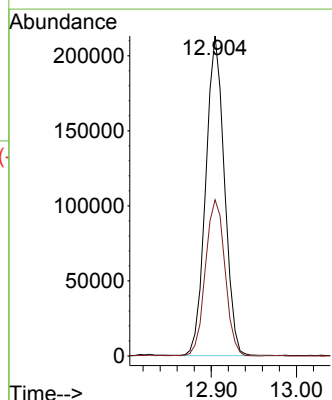
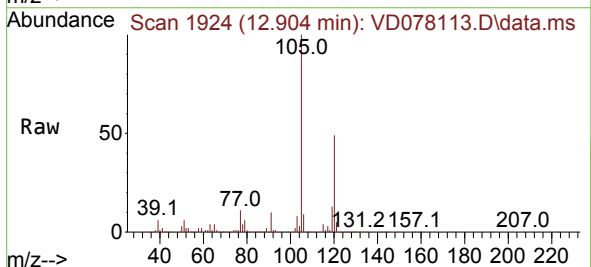
Acq: 29 Dec 2023 17:27

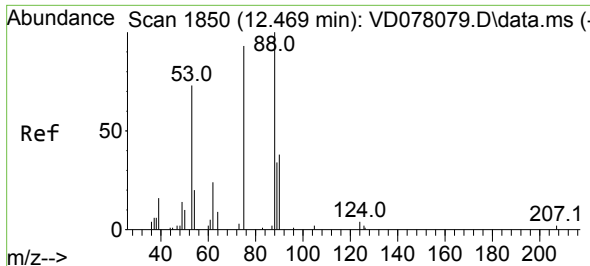
Tgt Ion: 105 Resp: 324288

Ion Ratio Lower Upper

105 100

120 51.3 26.4 79.2

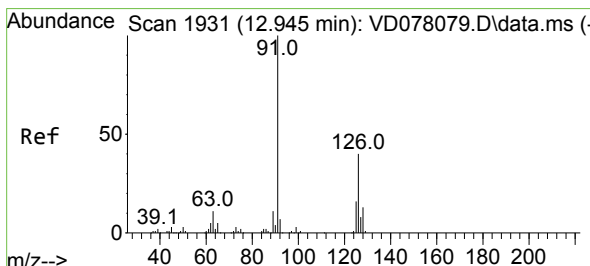
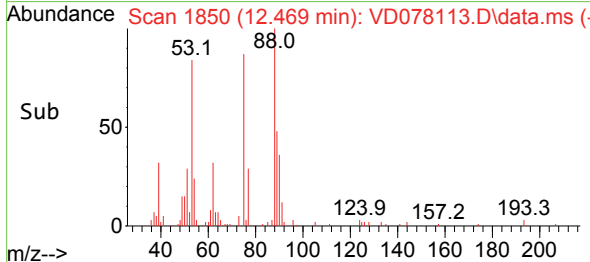
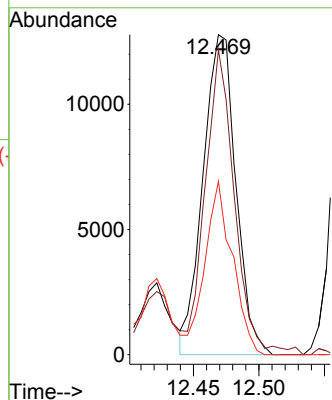
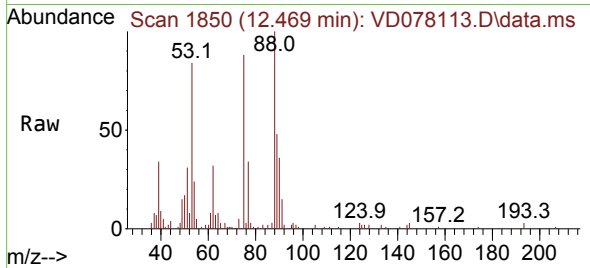




#81
trans-1,4-Dichloro-2-butene
Concen: 44.648 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

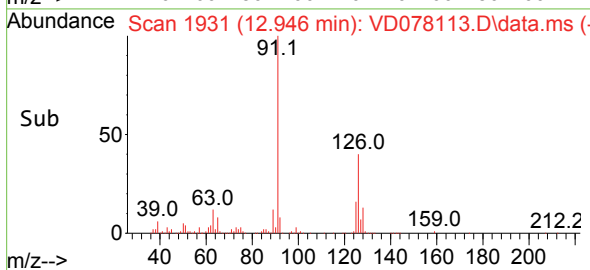
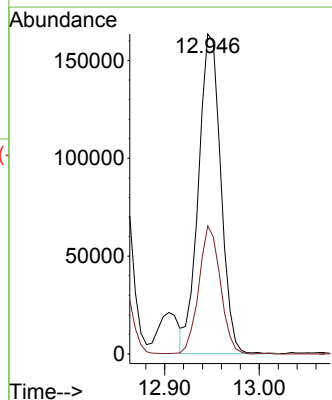
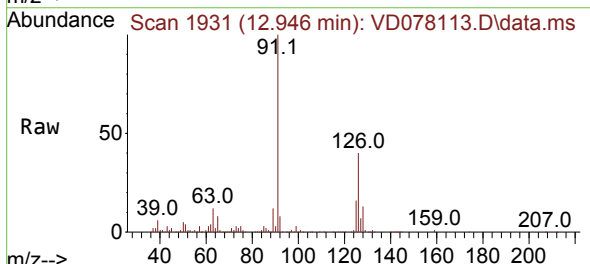
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

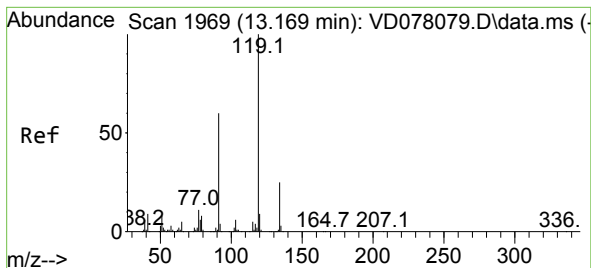
Tgt Ion: 75 Resp: 22251
Ion Ratio Lower Upper
75 100
53 84.1 63.0 94.4
89 45.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 43.686 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 91 Resp: 267338
Ion Ratio Lower Upper
91 100
126 38.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 44.977 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

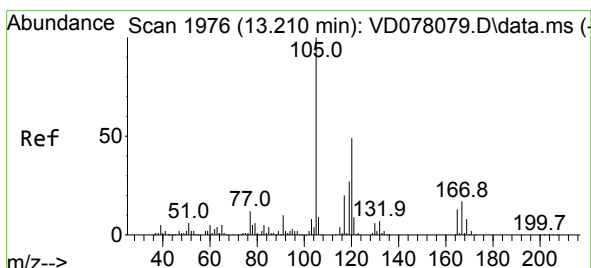
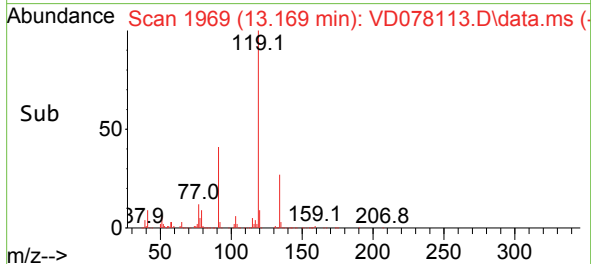
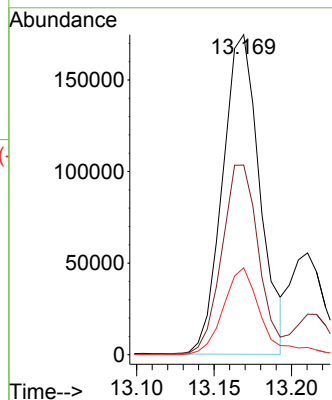
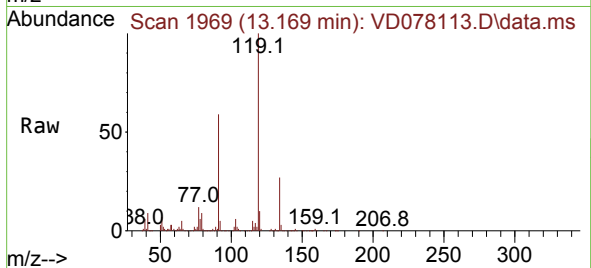
Tgt Ion:119 Resp: 292152

Ion Ratio Lower Upper

119 100

91 58.4 29.3 87.8

134 27.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 45.361 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078113.D

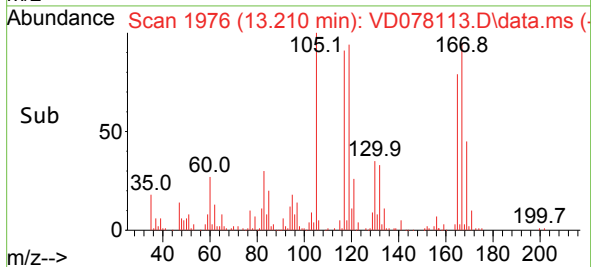
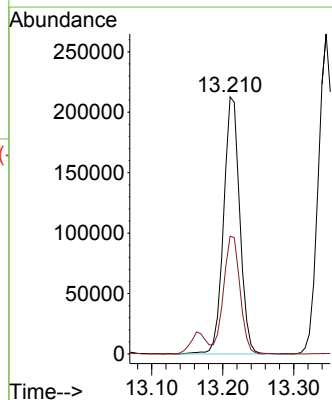
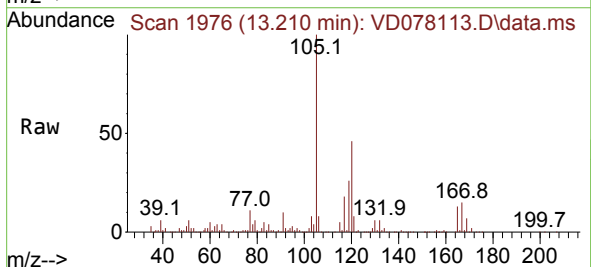
Acq: 29 Dec 2023 17:27

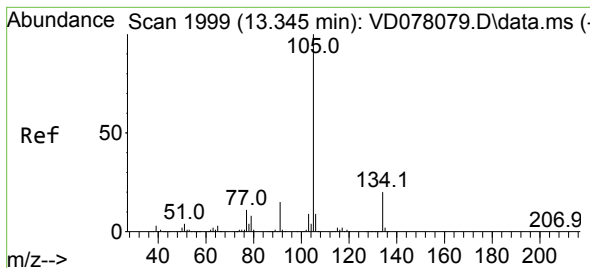
Tgt Ion:105 Resp: 335034

Ion Ratio Lower Upper

105 100

120 47.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 43.494 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

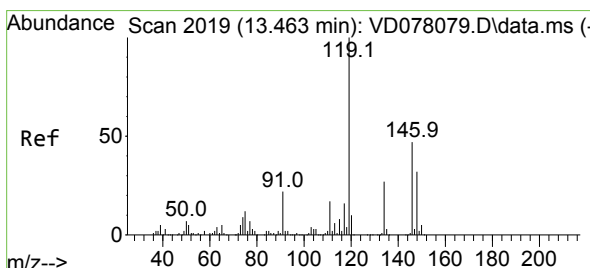
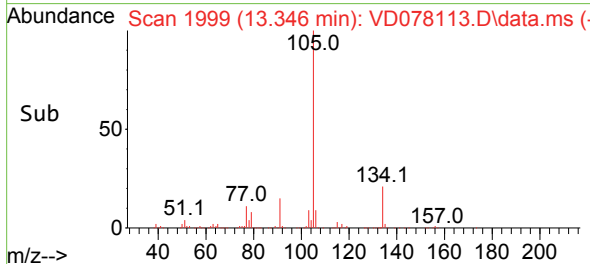
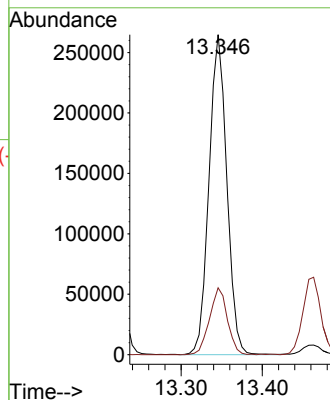
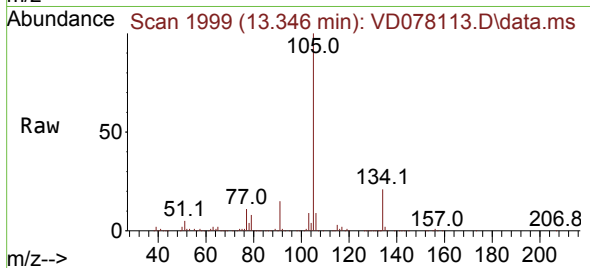
VSTDCCC050EC

Tgt Ion:105 Resp: 403349

Ion Ratio Lower Upper

105 100

134 20.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 44.571 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.005 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

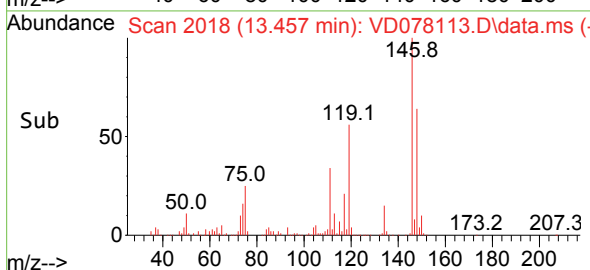
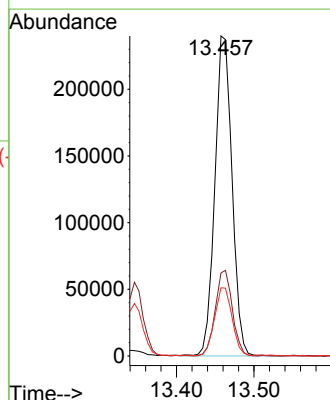
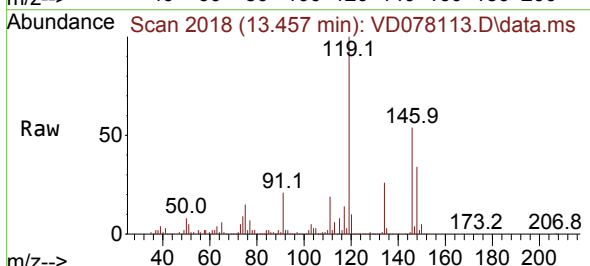
Tgt Ion:119 Resp: 369903

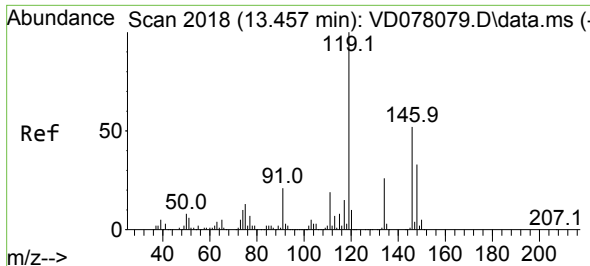
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 21.4 10.5 31.5

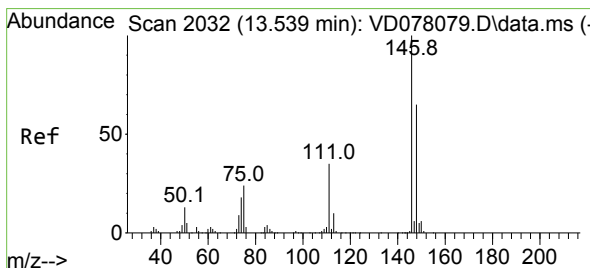
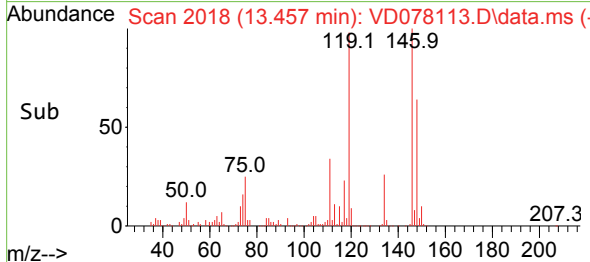
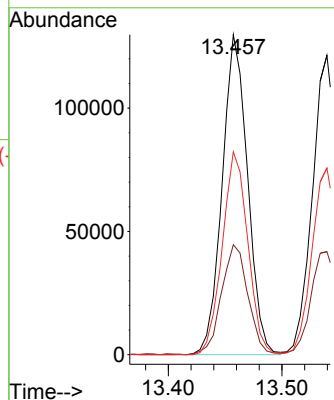
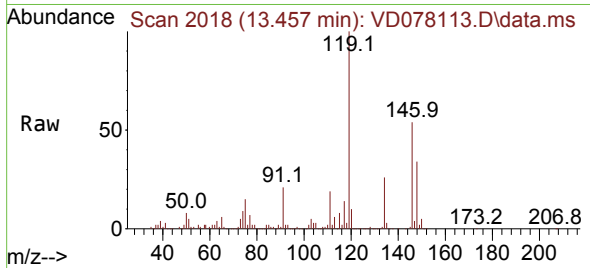




#87
1,3-Dichlorobenzene
Concen: 45.724 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

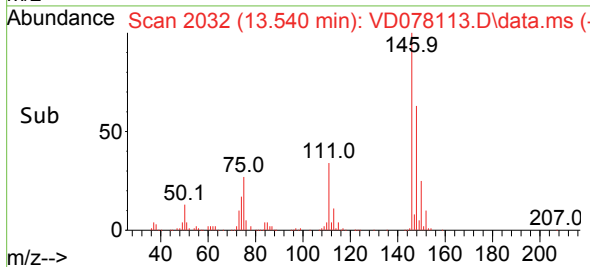
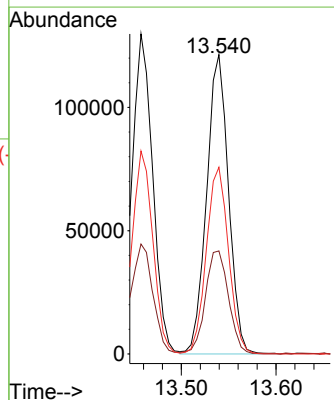
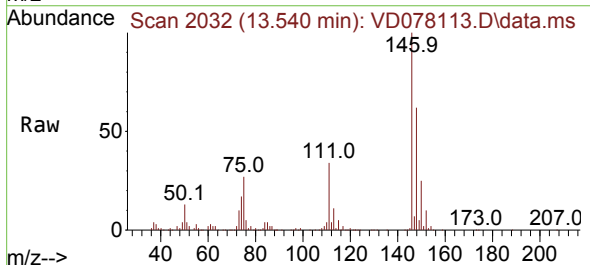
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

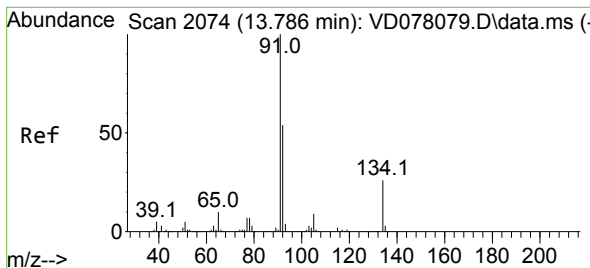
Tgt Ion:146 Resp: 201765
Ion Ratio Lower Upper
146 100
111 35.8 17.9 53.8
148 63.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 44.933 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion:146 Resp: 194461
Ion Ratio Lower Upper
146 100
111 36.7 17.4 52.3
148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 42.506 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

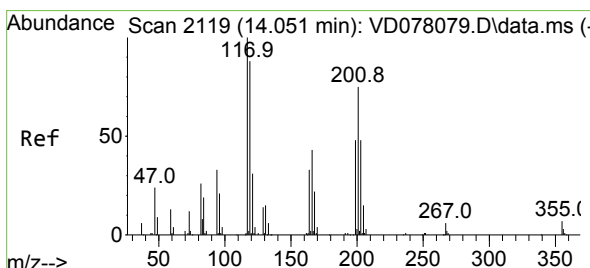
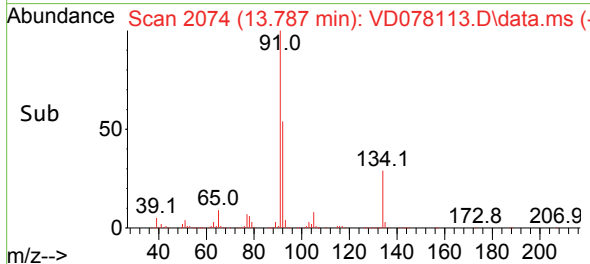
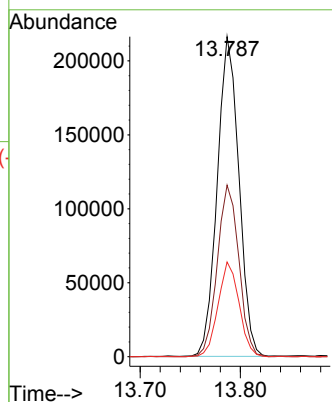
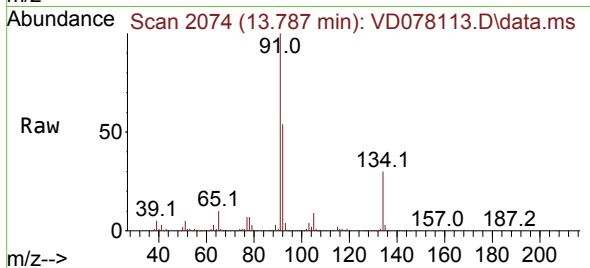
Tgt Ion: 91 Resp: 323794

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

134 28.8 13.8 41.3



#90

Hexachloroethane

Concen: 42.926 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078113.D

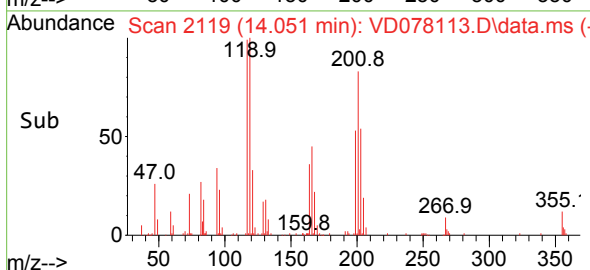
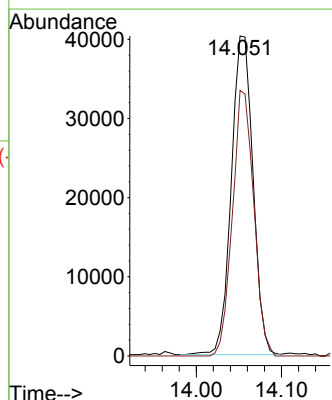
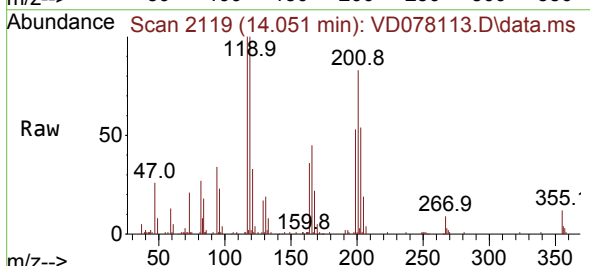
Acq: 29 Dec 2023 17:27

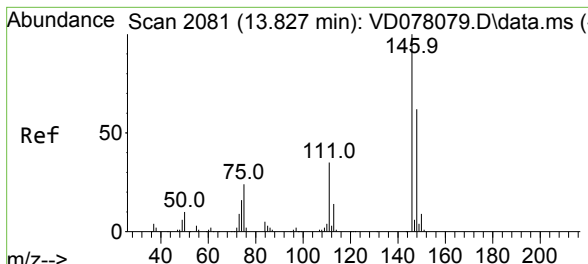
Tgt Ion: 117 Resp: 71221

Ion Ratio Lower Upper

117 100

201 81.9 38.5 115.5

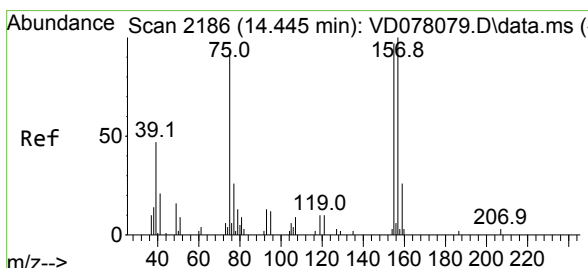
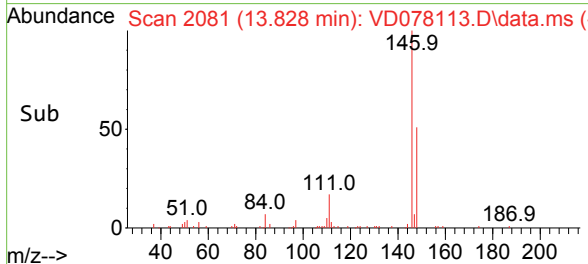
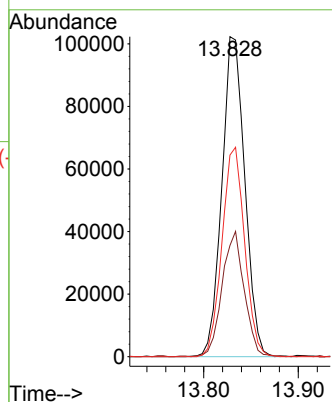
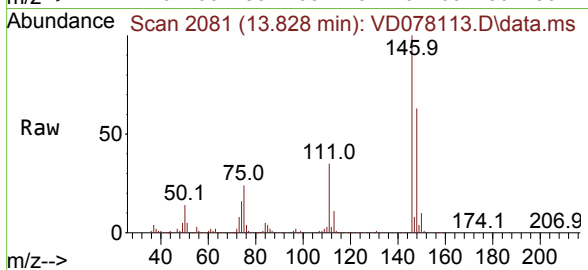




#91
1,2-Dichlorobenzene
Concen: 45.437 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

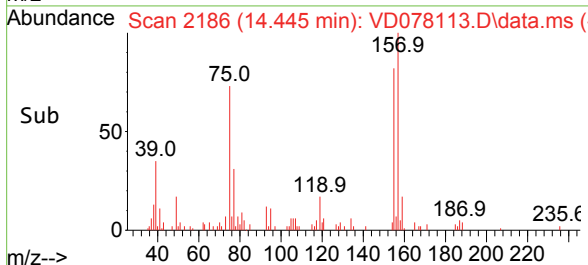
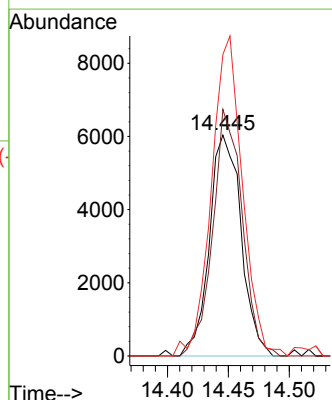
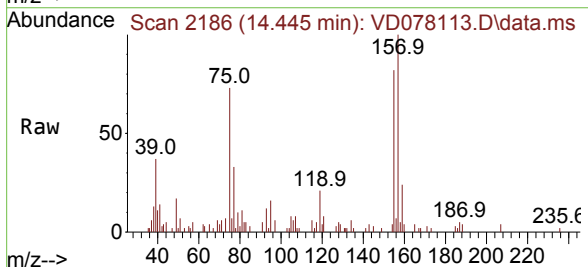
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

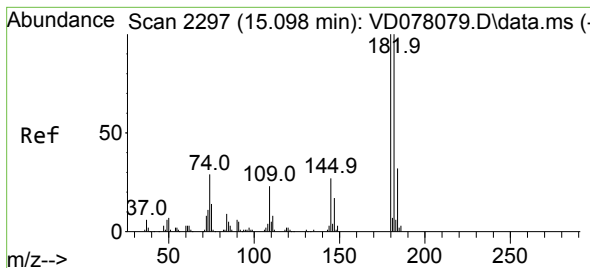
Tgt Ion:146 Resp: 172187
Ion Ratio Lower Upper
146 100
111 37.8 18.3 54.8
148 64.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.010 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078113.D
Acq: 29 Dec 2023 17:27

Tgt Ion: 75 Resp: 10937
Ion Ratio Lower Upper
75 100
155 104.0 47.9 143.8
157 142.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 46.789 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

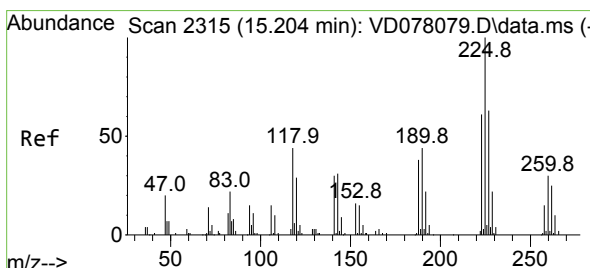
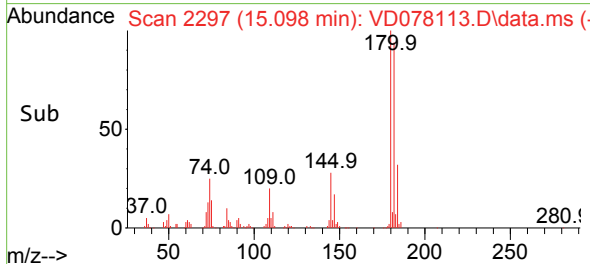
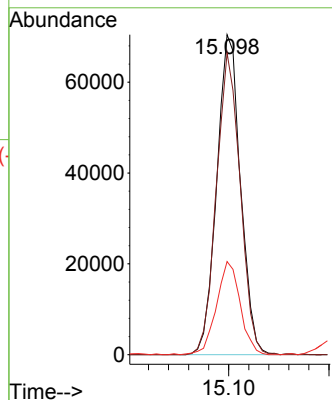
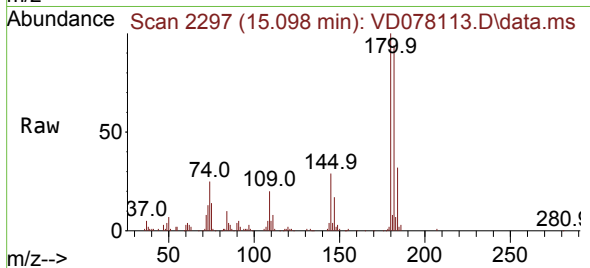
Tgt Ion:180 Resp: 115764

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

145 29.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.160 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078113.D

Acq: 29 Dec 2023 17:27

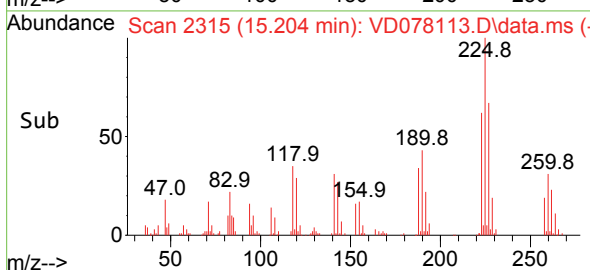
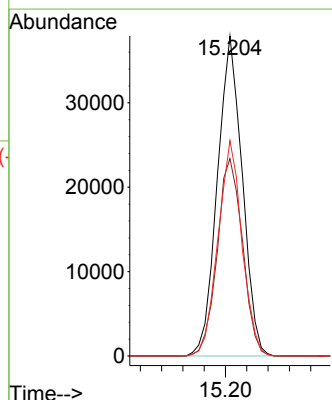
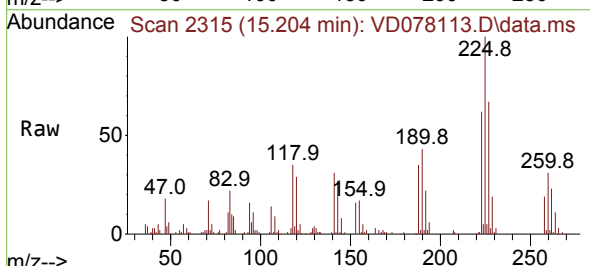
Tgt Ion:225 Resp: 61386

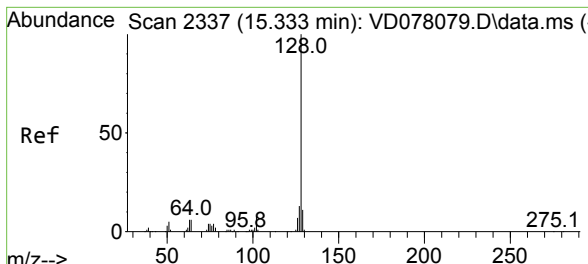
Ion Ratio Lower Upper

225 100

223 62.7 31.6 94.8

227 64.8 31.7 95.1



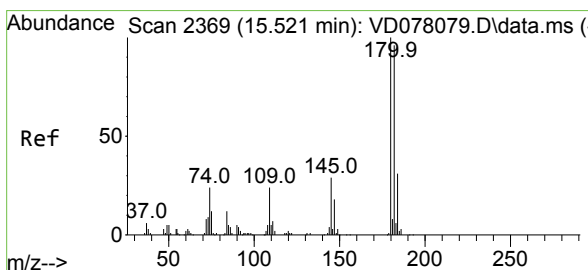
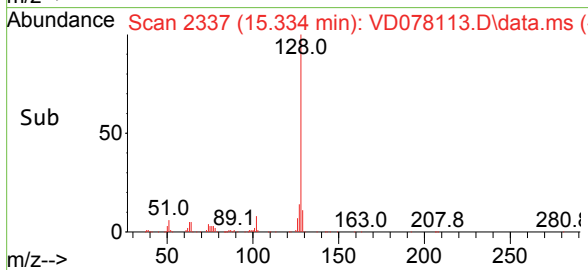
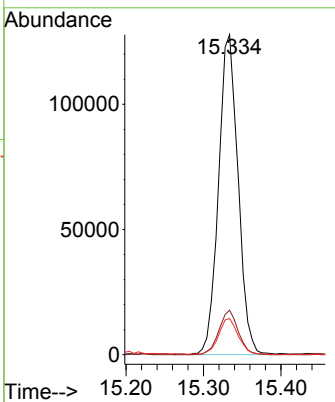
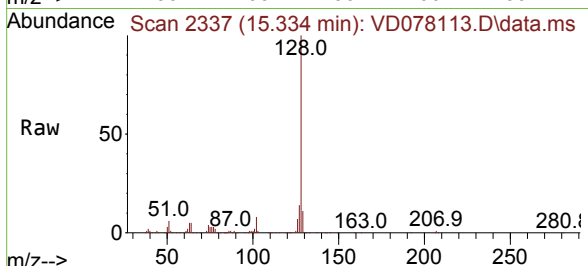


#95
 Naphthalene
 Concen: 53.314 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078113.D
 Acq: 29 Dec 2023 17:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:128 Resp: 224563

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	11.3	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 50.381 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078113.D
 Acq: 29 Dec 2023 17:27

Tgt Ion:180 Resp: 105766

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	141.9
145	30.9	15.1	45.3

