

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078081.D
 Acq On : 26 Dec 2023 13:50
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 27 02:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 02:01:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	185685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	296473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	234018	141.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 283.280%#	
35) Dibromofluoromethane	7.810	113	276427	144.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 289.820%#	
50) Toluene-d8	10.269	98	1048817	156.254	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 312.500%#	
62) 4-Bromofluorobenzene	12.575	95	328514	152.110	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 304.220%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	213500	134.159	ug/l	99
3) Chloromethane	2.152	50	298525	136.022	ug/l	100
4) Vinyl Chloride	2.287	62	468323	141.570	ug/l	99
5) Bromomethane	2.687	94	397597	149.903	ug/l	99
6) Chloroethane	2.840	64	350995	144.388	ug/l	99
7) Trichlorofluoromethane	3.181	101	445360	139.873	ug/l	100
8) Diethyl Ether	3.599	74	129589	148.422	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	274853	138.593	ug/l	98
10) Methyl Iodide	4.169	142	324811	174.294	ug/l	93
11) Tert butyl alcohol	5.052	59	63111	757.122	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	259700	147.998	ug/l	90
13) Acrolein	3.799	56	49586	569.846	ug/l	94
14) Allyl chloride	4.563	41	312234	147.210	ug/l	92
15) Acrylonitrile	5.258	53	270135	739.633	ug/l	98
16) Acetone	4.022	43	239997	772.219	ug/l	89
17) Carbon Disulfide	4.275	76	663726	153.081	ug/l	98
18) Methyl Acetate	4.558	43	218930	161.682	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	617840	159.085	ug/l	97
20) Methylene Chloride	4.805	84	296966	153.248	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	307011	152.203	ug/l	92
22) Diisopropyl ether	6.222	45	709825	149.829	ug/l	99
23) Vinyl Acetate	6.157	43	1651368	749.080	ug/l	95
24) 1,1-Dichloroethane	6.122	63	499805	142.557	ug/l	97
25) 2-Butanone	7.081	43	327874	775.810	ug/l	97
26) 2,2-Dichloropropane	7.081	77	458210	145.470	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	358485	149.803	ug/l	95
28) Bromochloromethane	7.428	49	181410	144.627	ug/l	98
29) Tetrahydrofuran	7.446	42	188740	737.954	ug/l	96
30) Chloroform	7.599	83	553349	145.639	ug/l	96
31) Cyclohexane	7.881	56	373590	141.745	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	489729	149.977	ug/l	98
36) 1,1-Dichloropropene	8.010	75	404798	150.816	ug/l	99
37) Ethyl Acetate	7.169	43	132483	148.408	ug/l	96
38) Carbon Tetrachloride	7.993	117	444129	152.703	ug/l	96
39) Methylcyclohexane	9.275	83	487104	158.293	ug/l	96
40) Benzene	8.251	78	1195557	154.544	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	85457	151.156	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	309515	148.049	ug/l	97
43) Isopropyl Acetate	8.363	43	269660	150.883	ug/l	95
44) Trichloroethene	9.028	130	341088	153.254	ug/l	96
45) 1,2-Dichloropropane	9.304	63	291357	148.630	ug/l	100
46) Dibromomethane	9.393	93	170653	155.434	ug/l	98
47) Bromodichloromethane	9.587	83	424505	148.849	ug/l	99
48) Methyl methacrylate	9.381	41	157876	156.743	ug/l	85
49) 1,4-Dioxane	9.387	88	31576	3042.292	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	702999	766.585	ug/l	96
52) Toluene	10.334	92	806307	160.698	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	412187	159.298	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	479767	154.398	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	237877	153.964	ug/l	95
56) Ethyl methacrylate	10.598	69	200660	163.657	ug/l	96
57) 1,3-Dichloropropane	10.881	76	389032	153.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	320051	602.910	ug/l	100
59) 2-Hexanone	10.922	43	517847	726.972	ug/l	94
60) Dibromochloromethane	11.075	129	312376	158.707	ug/l	96
61) 1,2-Dibromoethane	11.181	107	227434	153.542	ug/l	100
64) Tetrachloroethene	10.810	164	285908	154.291	ug/l	94
65) Chlorobenzene	11.604	112	888572	152.518	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	358695	162.667	ug/l	97
67) Ethyl Benzene	11.681	91	1642208	161.685	ug/l	99
68) m/p-Xylenes	11.792	106	1311924	331.890	ug/l	95
69) o-Xylene	12.122	106	609357	165.399	ug/l	96
70) Styrene	12.134	104	917462	168.667	ug/l	97
71) Bromoform	12.298	173	188466	154.918	ug/l #	99
73) Isopropylbenzene	12.422	105	1610552	157.393	ug/l	97
74) N-amyl acetate	12.234	43	248901	146.523	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	265444	142.732	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	332438	276.986	ug/l #	100
77) Bromobenzene	12.698	156	385793	154.980	ug/l	98
78) n-propylbenzene	12.763	91	1870411	151.855	ug/l	98
79) 2-Chlorotoluene	12.851	91	1004409	150.764	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	1310188	154.804	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	85513	147.008	ug/l	99
82) 4-Chlorotoluene	12.945	91	1065203	149.131	ug/l	97
83) tert-Butylbenzene	13.163	119	1192247	157.257	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1368327	158.725	ug/l	100
85) sec-Butylbenzene	13.345	105	1670496	154.331	ug/l	98
86) p-Isopropyltoluene	13.457	119	1600855	165.263	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	833135	161.761	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	759293	150.315	ug/l	99
89) n-Butylbenzene	13.786	91	1370423	154.131	ug/l	100
90) Hexachloroethane	14.051	117	291613	150.584	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	667846	150.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	37725	144.835	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	454271	157.305	ug/l	99
94) Hexachlorobutadiene	15.204	225	256700	158.214	ug/l	99
95) Naphthalene	15.328	128	811356	165.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	390998	159.569	ug/l	99

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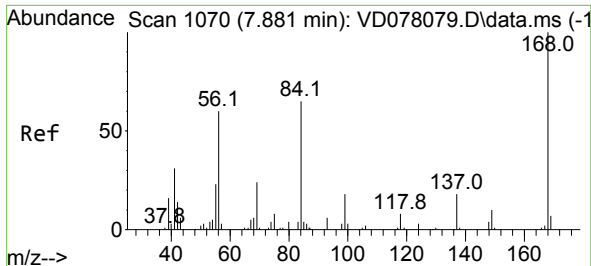
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QLast Update : Wed Dec 27 02:01:18 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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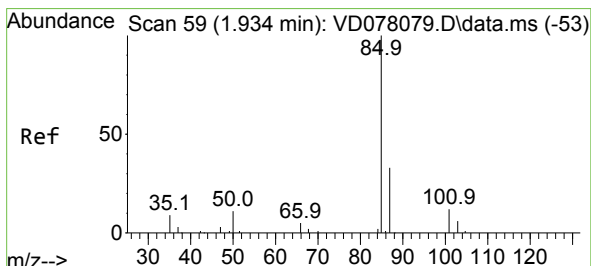
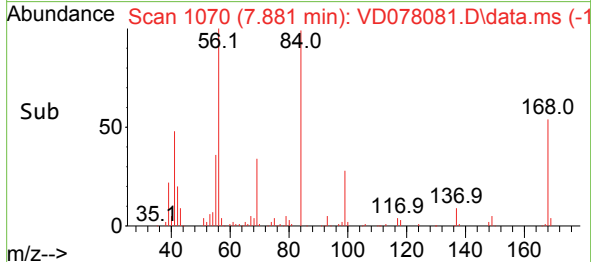
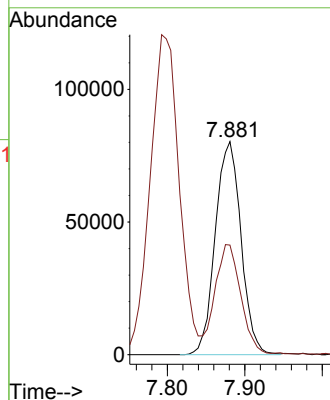
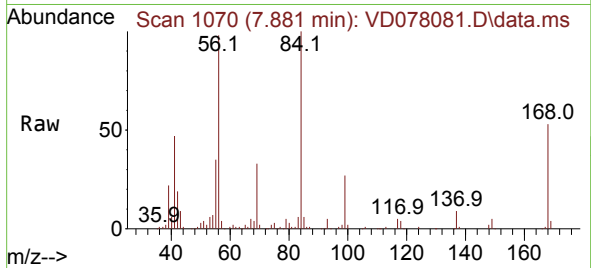




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078081.D
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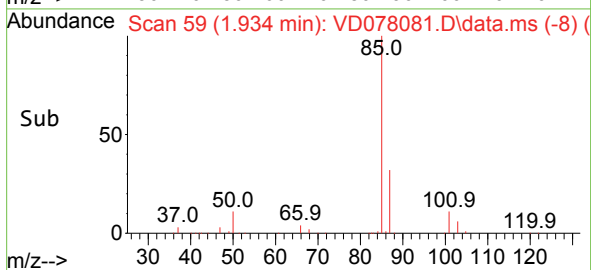
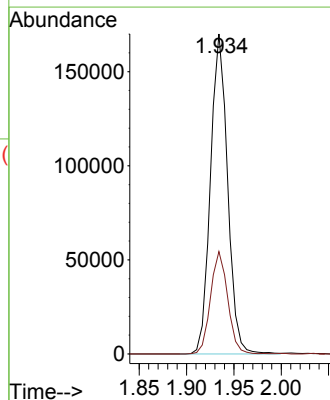
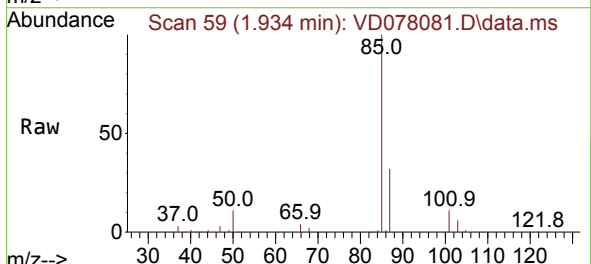
Instrument :
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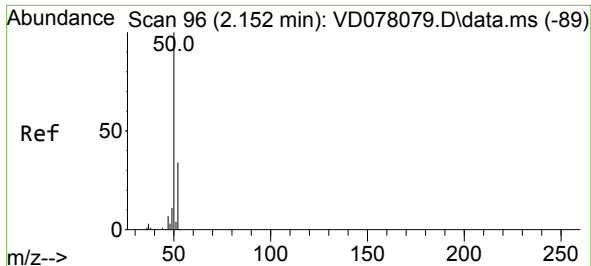
Tgt Ion:168 Resp: 185685
Ion Ratio Lower Upper
168 100
99 50.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 134.159 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 85 Resp: 213500
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0

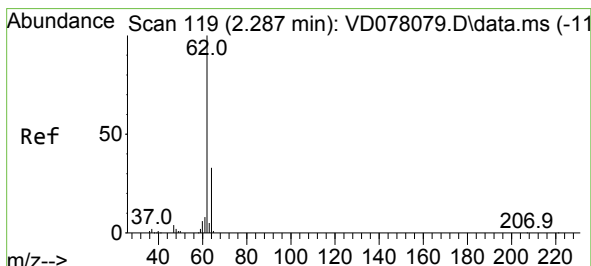
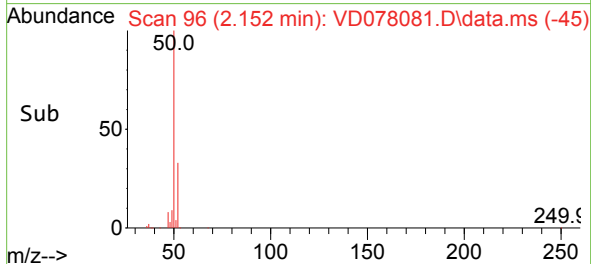
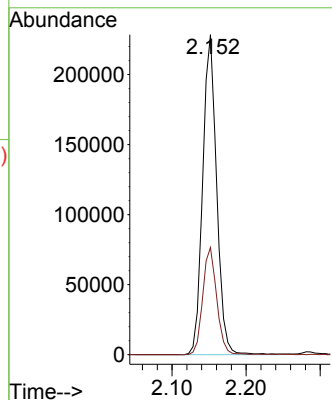
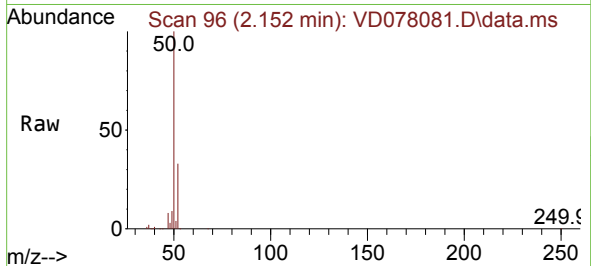




#3
Chloromethane
Concen: 136.022 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

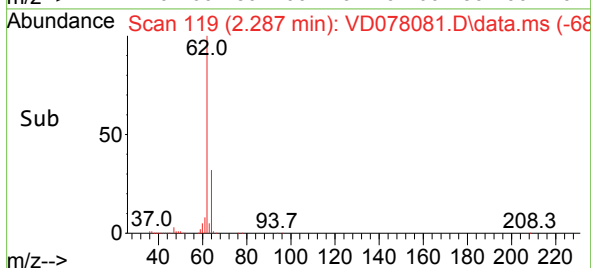
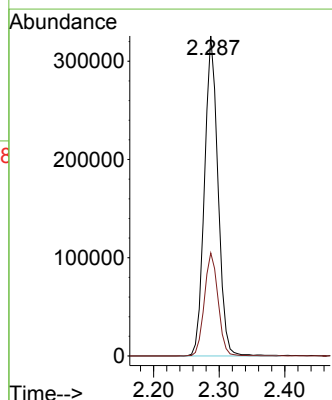
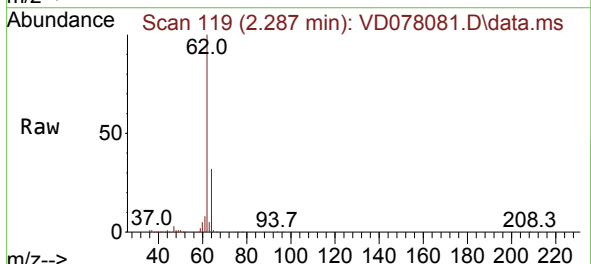
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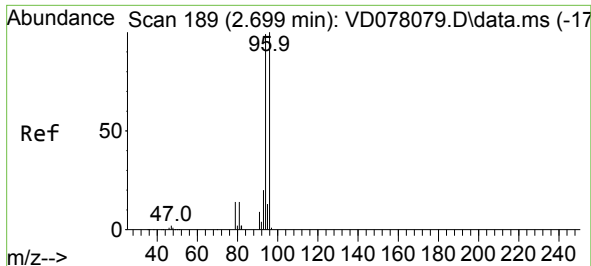
Tgt Ion: 50 Resp: 298525
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 141.570 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 62 Resp: 468323
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

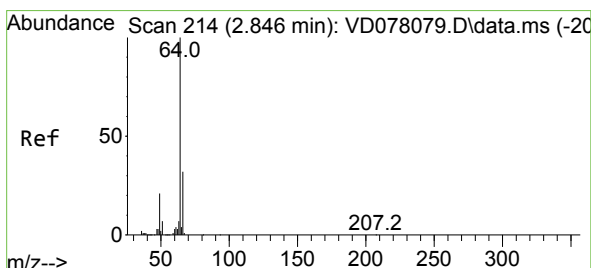
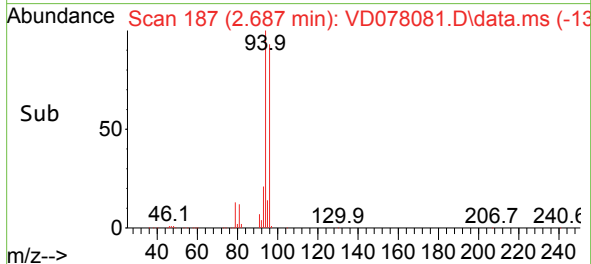
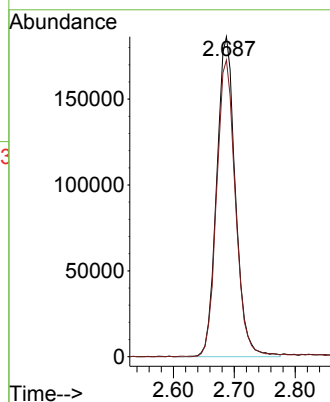
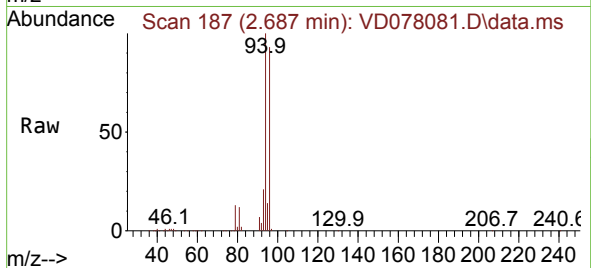




#5
Bromomethane
Concen: 149.903 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

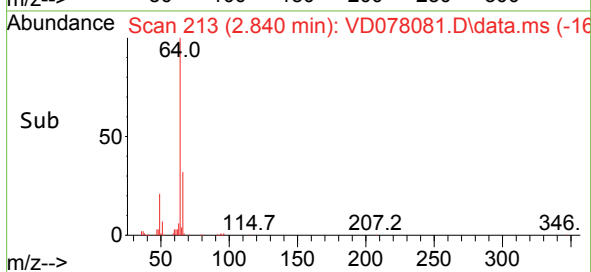
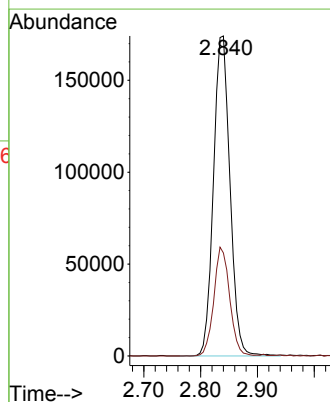
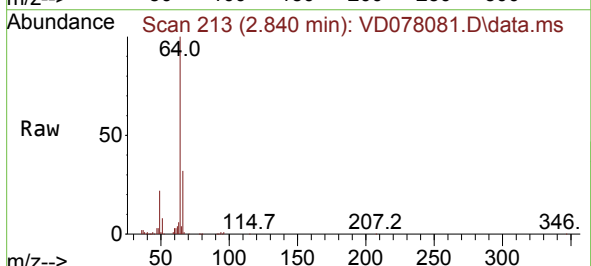
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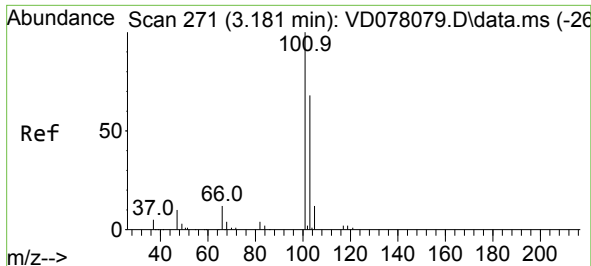
Tgt Ion: 94 Resp: 397597
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.8



#6
Chloroethane
Concen: 144.388 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 64 Resp: 350995
Ion Ratio Lower Upper
64 100
66 32.2 25.5 38.3

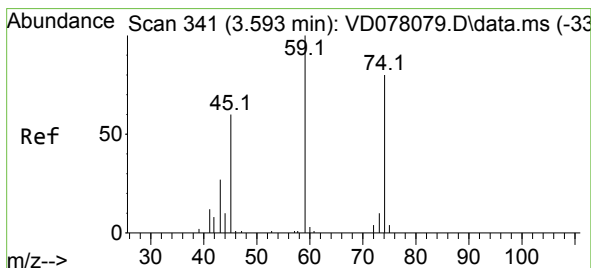
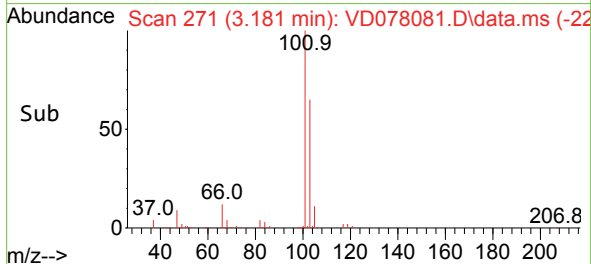
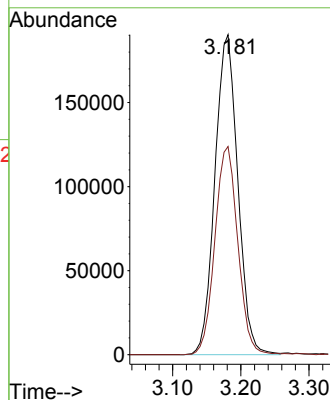
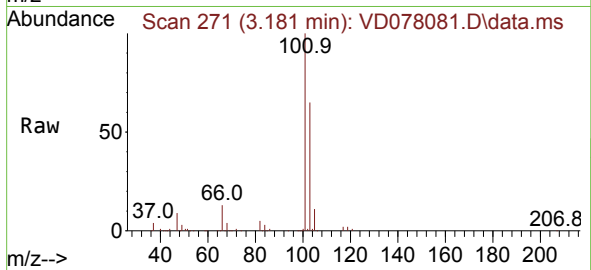




#7
Trichlorofluoromethane
Concen: 139.873 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

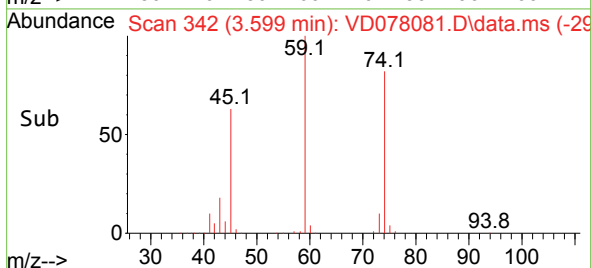
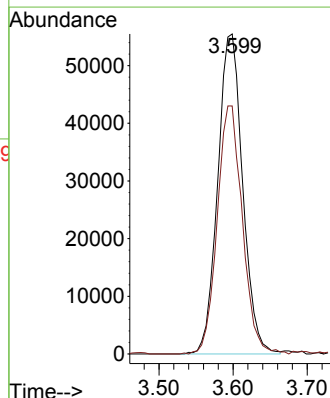
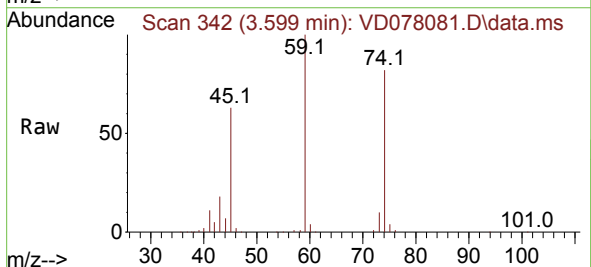
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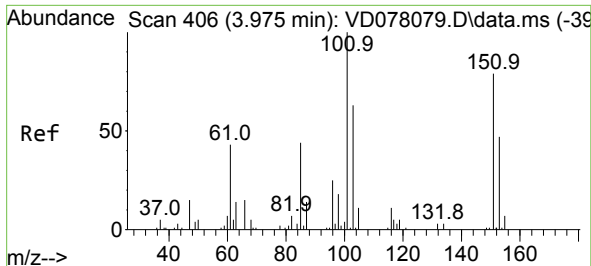
Tgt Ion:101 Resp: 445360
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5



#8
Diethyl Ether
Concen: 148.422 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 74 Resp: 129589
Ion Ratio Lower Upper
74 100
45 78.2 37.5 112.7

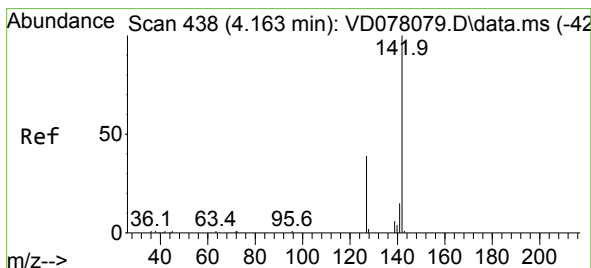
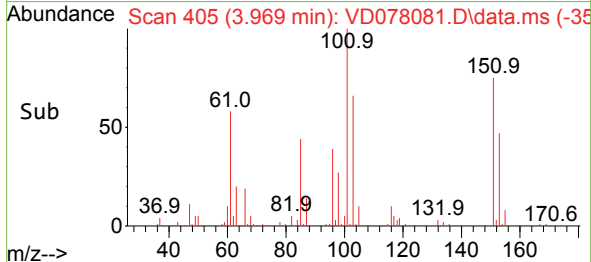
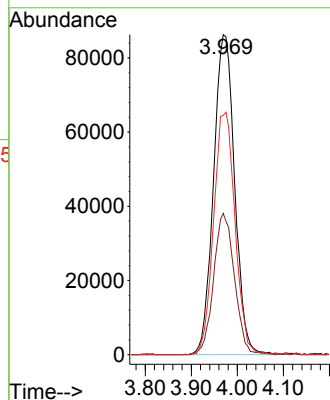
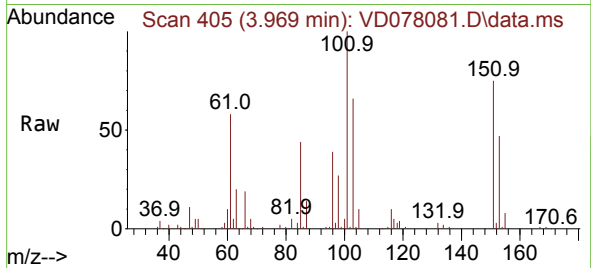




#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.593 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

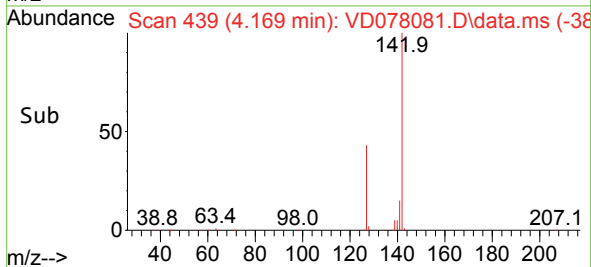
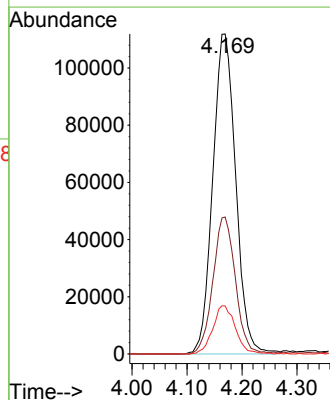
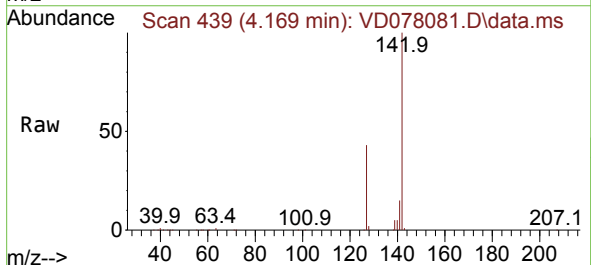
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

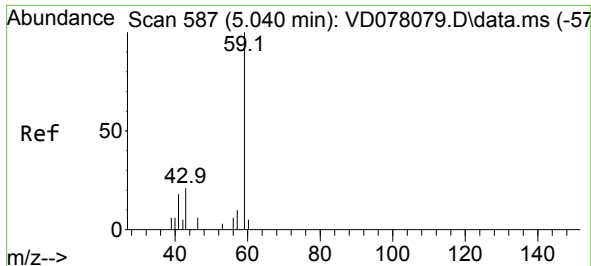
Tgt Ion:101 Resp: 274853
Ion Ratio Lower Upper
101 100
85 43.5 33.8 50.6
151 76.8 59.8 89.6



#10
Methyl Iodide
Concen: 174.294 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion:142 Resp: 324811
Ion Ratio Lower Upper
142 100
127 41.8 29.4 44.0
141 14.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 757.122 ug/l

RT: 5.052 min Scan# 589

Delta R.T. 0.012 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

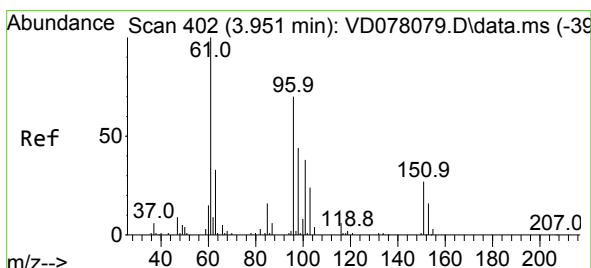
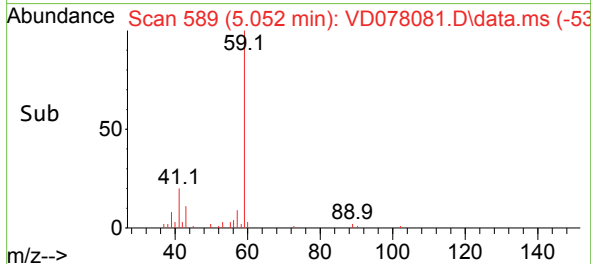
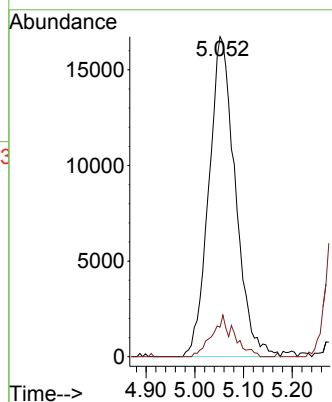
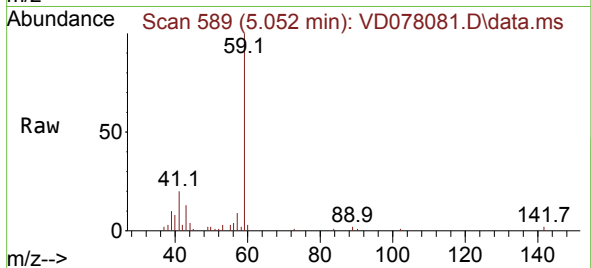
VSTDIC150

Tgt Ion: 59 Resp: 63111

Ion Ratio Lower Upper

59 100

57 7.3 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 147.998 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.006 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

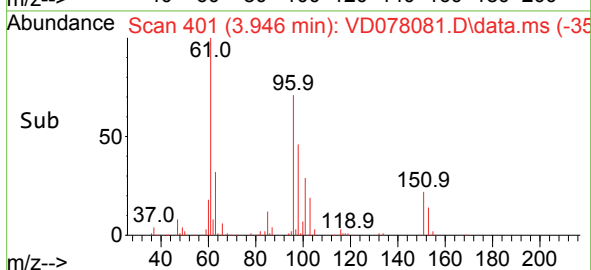
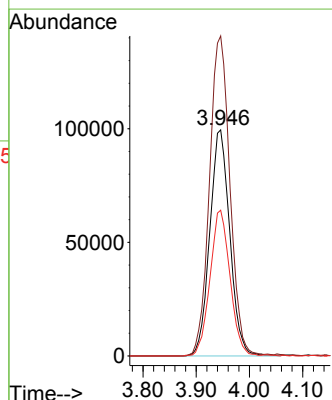
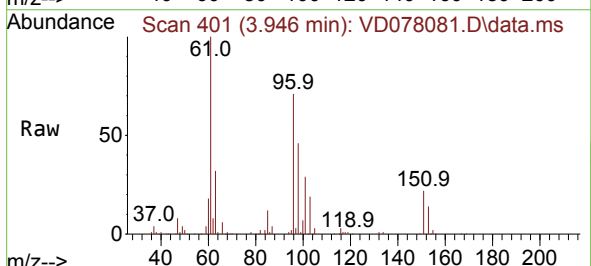
Tgt Ion: 96 Resp: 259700

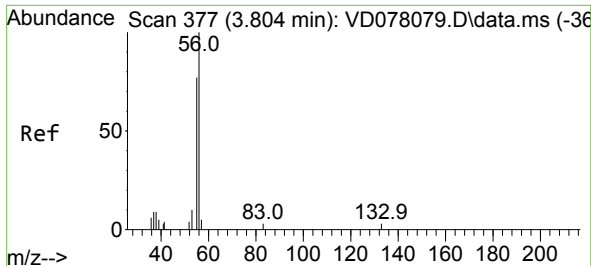
Ion Ratio Lower Upper

96 100

61 141.6 100.6 150.8

98 64.5 50.2 75.2





#13

Acrolein

Concen: 569.846 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.005 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

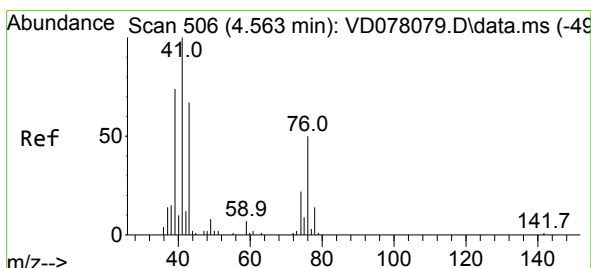
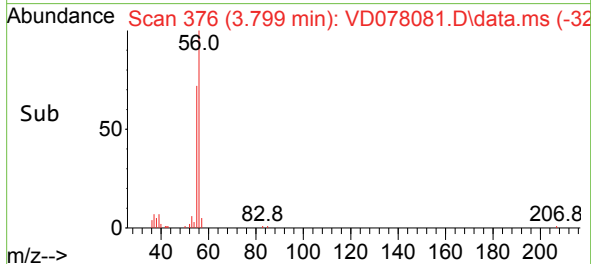
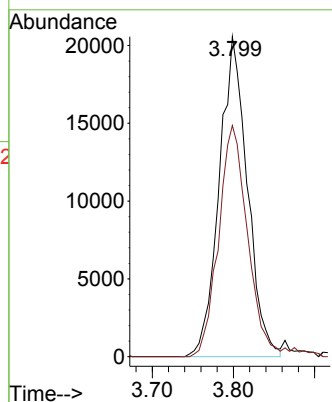
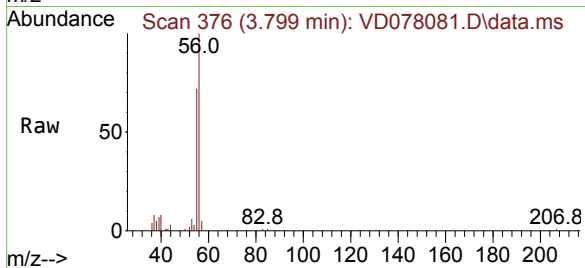
VSTDIC150

Tgt Ion: 56 Resp: 49586

Ion Ratio Lower Upper

56 100

55 73.9 55.1 82.7



#14

Allyl chloride

Concen: 147.210 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

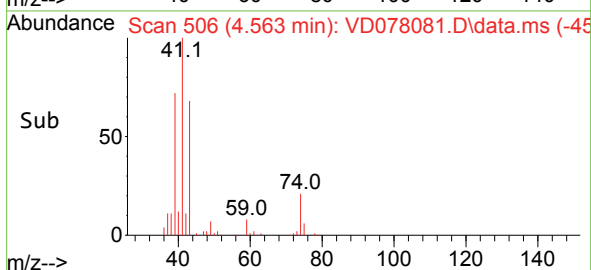
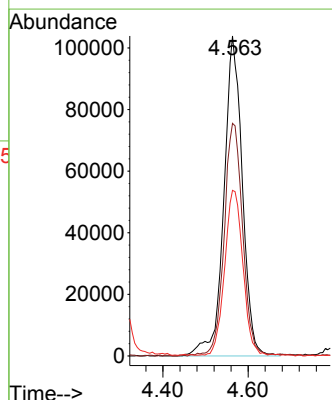
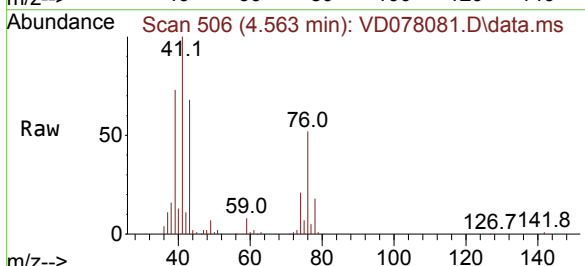
Tgt Ion: 41 Resp: 312234

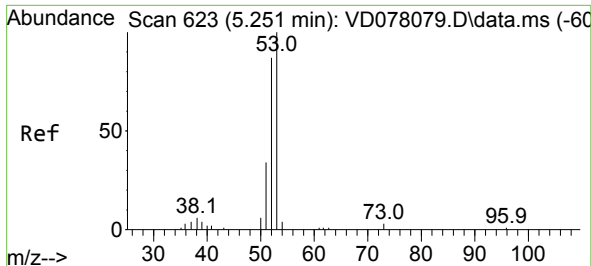
Ion Ratio Lower Upper

41 100

39 73.0 53.8 80.6

76 50.7 45.8 68.8

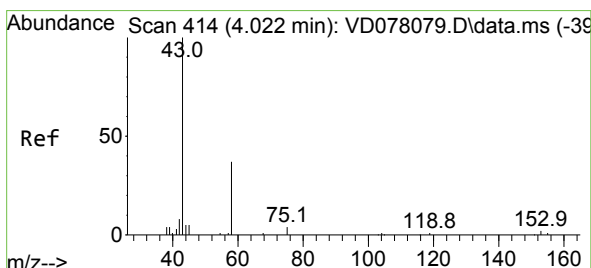
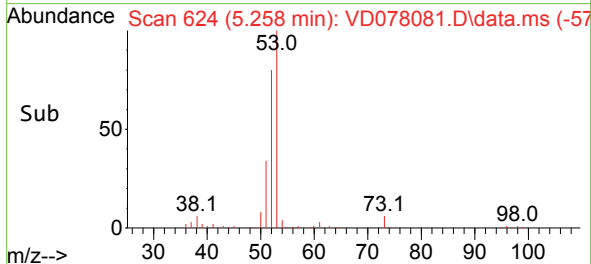
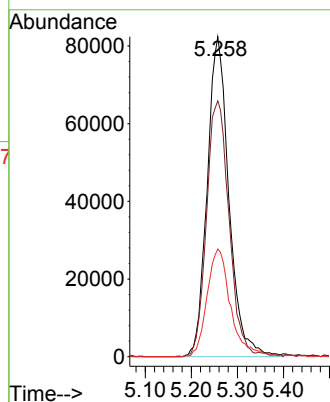
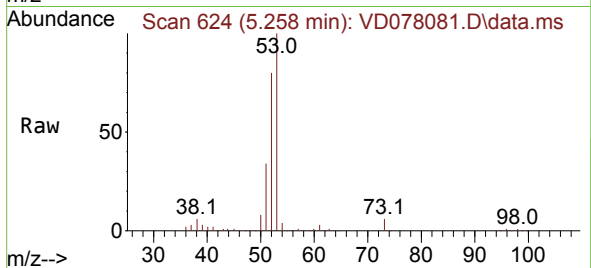




#15
Acrylonitrile
Concen: 739.633 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

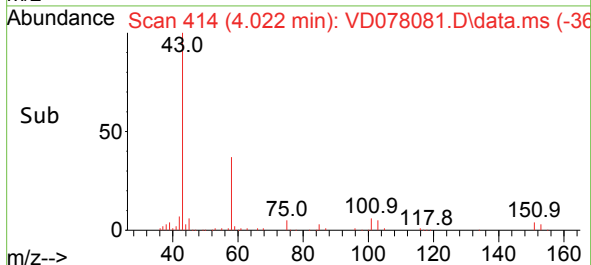
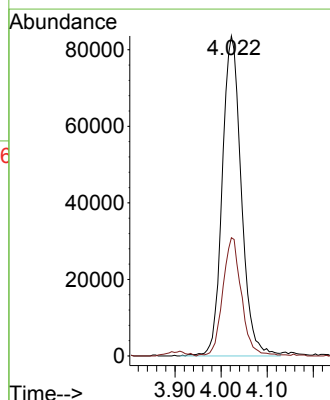
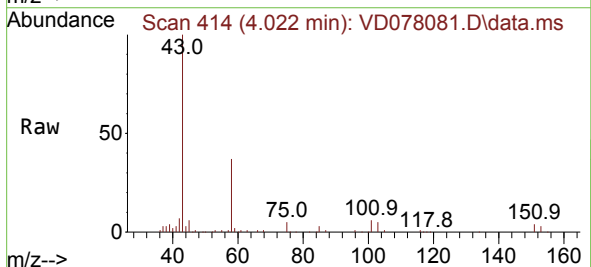
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

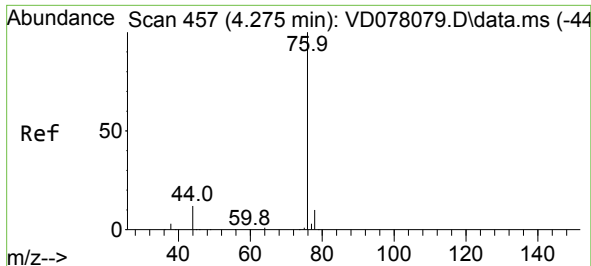
Tgt Ion: 53 Resp: 270135
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.4
51 36.7 28.3 42.5



#16
Acetone
Concen: 772.219 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 43 Resp: 239997
Ion Ratio Lower Upper
43 100
58 36.6 34.7 52.1

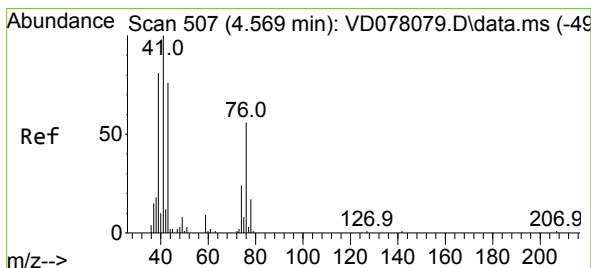
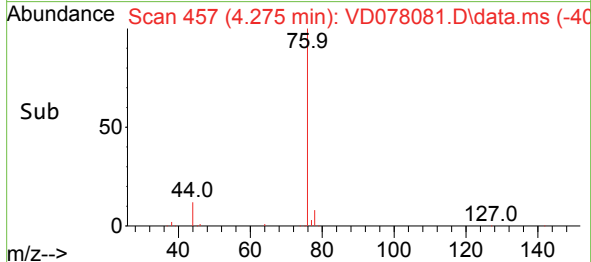
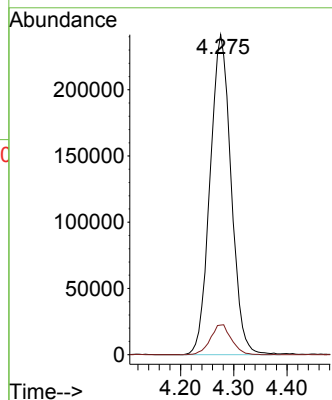
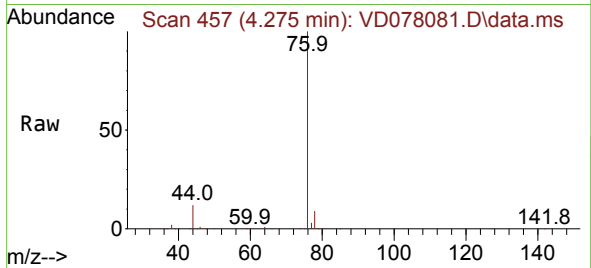




#17
Carbon Disulfide
Concen: 153.081 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

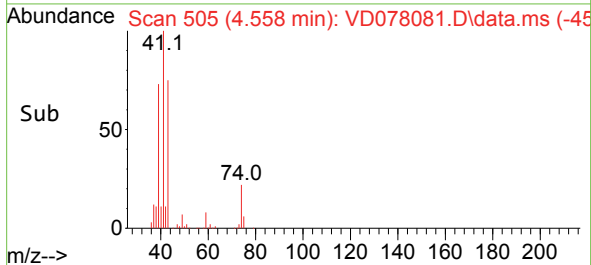
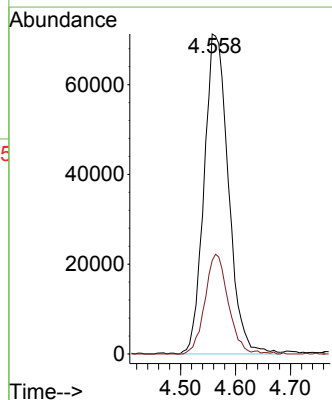
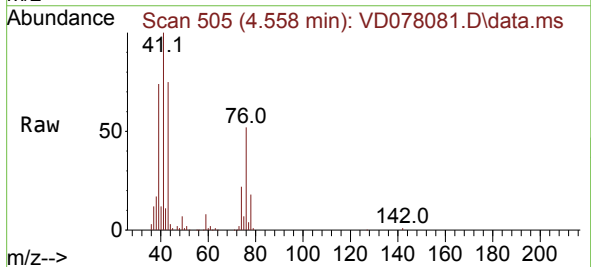
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

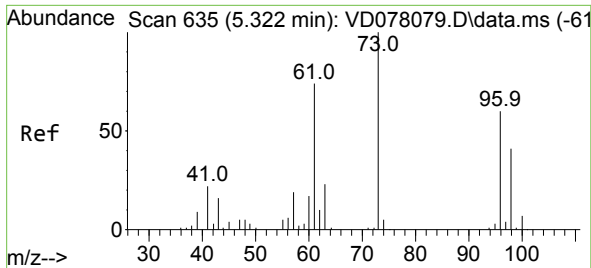
Tgt Ion: 76 Resp: 663726
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 161.682 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 43 Resp: 218930
Ion Ratio Lower Upper
43 100
74 30.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 159.085 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

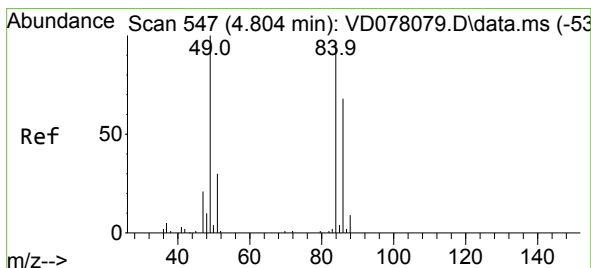
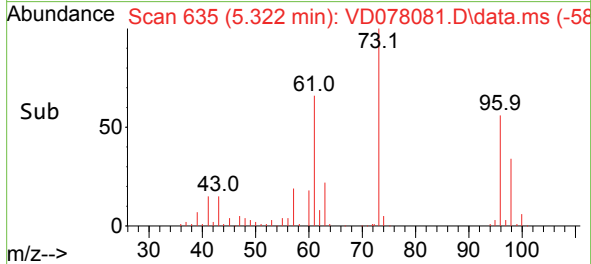
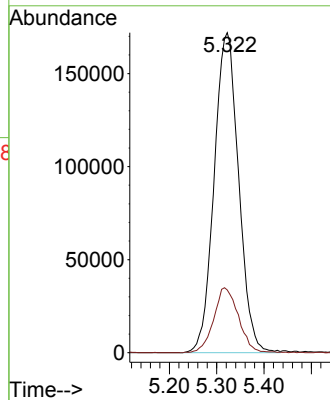
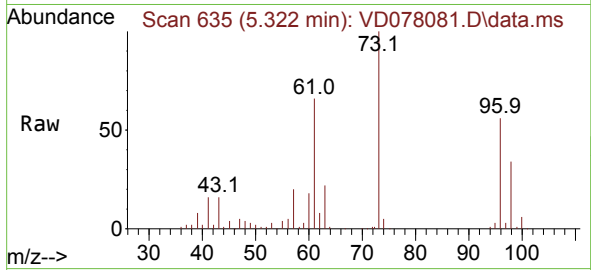
VSTDIC150

Tgt Ion: 73 Resp: 617840

Ion Ratio Lower Upper

73 100

57 19.6 16.6 25.0



#20

Methylene Chloride

Concen: 153.248 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Tgt Ion: 84 Resp: 296966

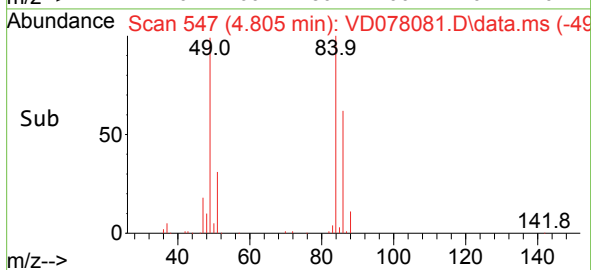
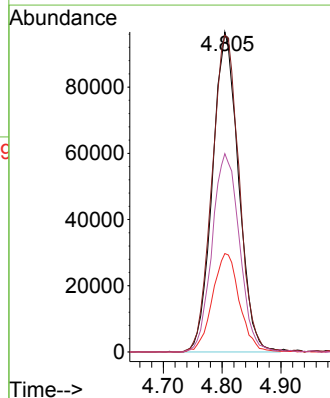
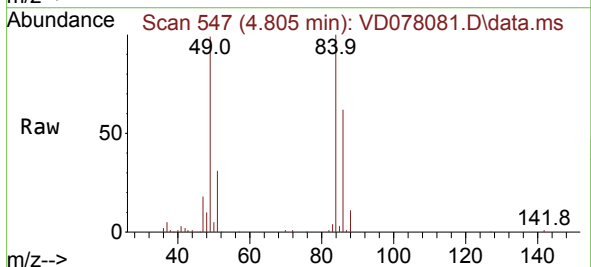
Ion Ratio Lower Upper

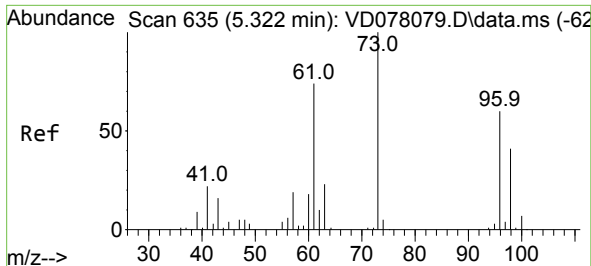
84 100

49 99.0 71.4 107.2

51 30.8 24.5 36.7

86 62.0 48.7 73.1

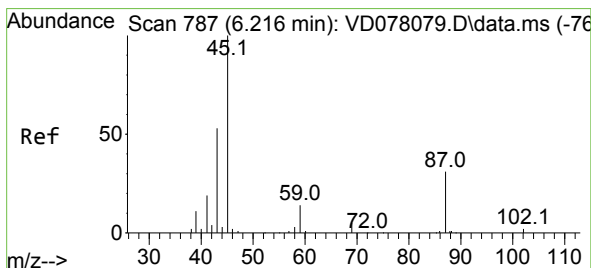
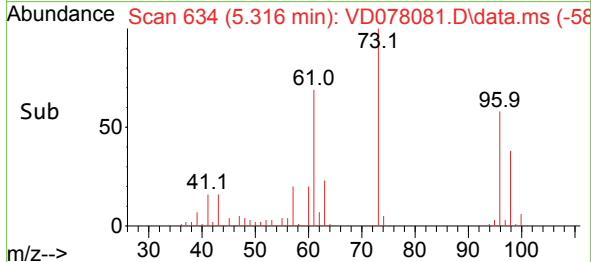
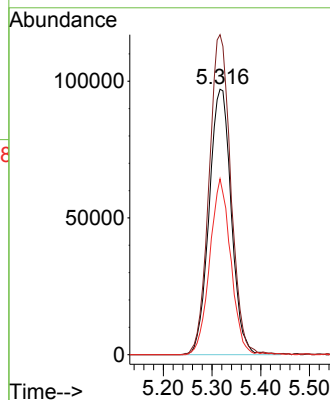
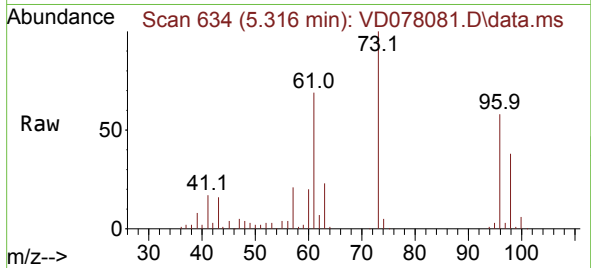




#21
trans-1,2-Dichloroethene
Concen: 152.203 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

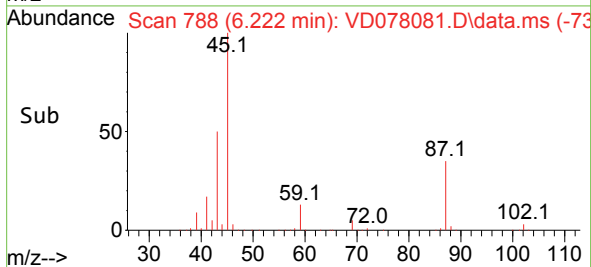
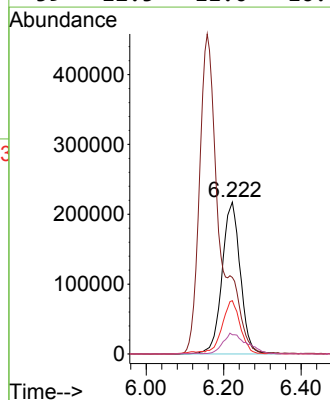
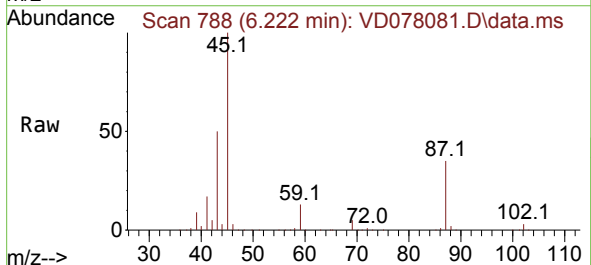
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

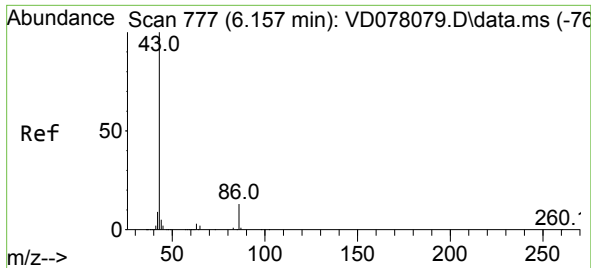
Tgt Ion: 96 Resp: 307011
Ion Ratio Lower Upper
96 100
61 120.5 89.3 133.9
98 66.2 48.6 73.0



#22
Diisopropyl ether
Concen: 149.829 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 45 Resp: 709825
Ion Ratio Lower Upper
45 100
43 50.2 40.0 60.0
87 34.9 28.2 42.4
59 12.5 11.0 16.4

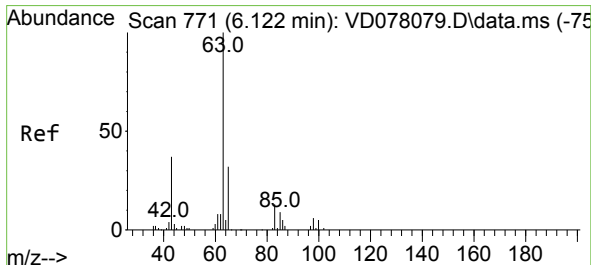
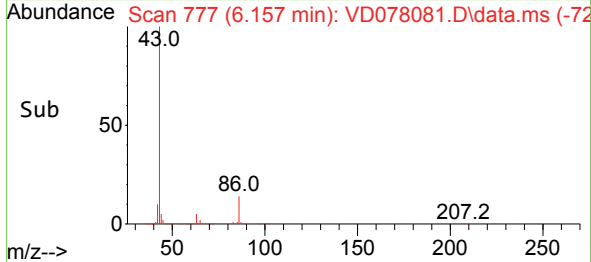
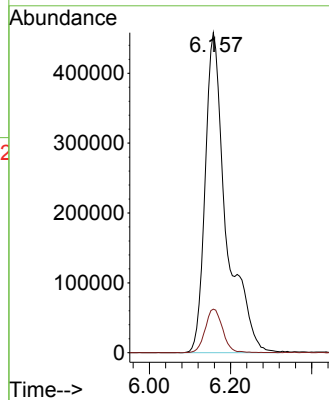
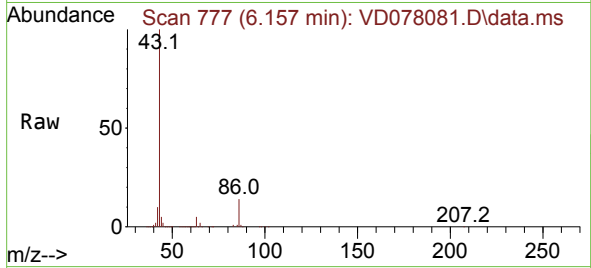




#23
 Vinyl Acetate
 Concen: 749.080 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078081.D
 Acq: 26 Dec 2023 13:50

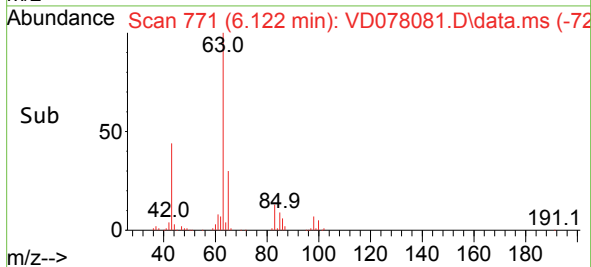
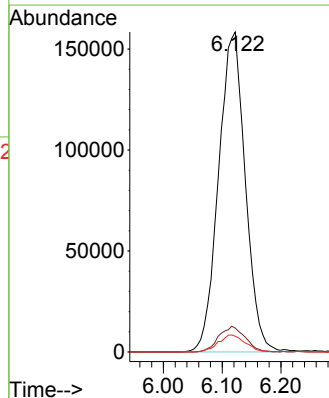
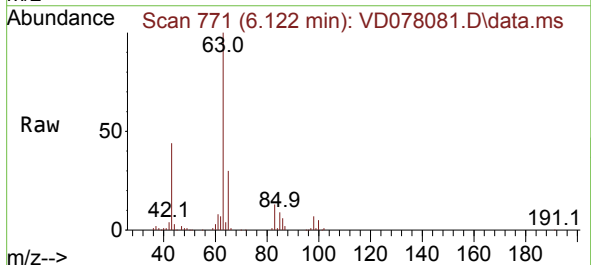
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

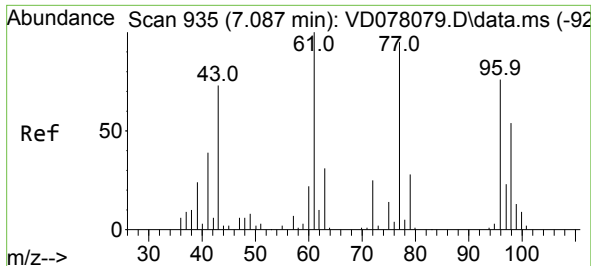
Tgt Ion: 43 Resp: 1651368
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 142.557 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078081.D
 Acq: 26 Dec 2023 13:50

Tgt Ion: 63 Resp: 499805
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 4.9 2.5 7.5

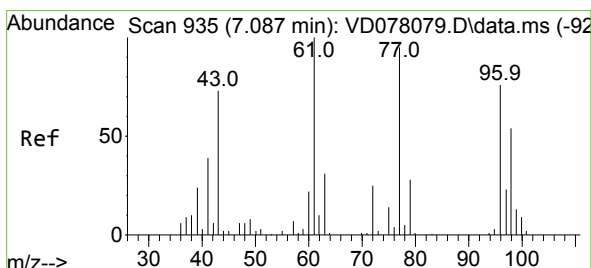
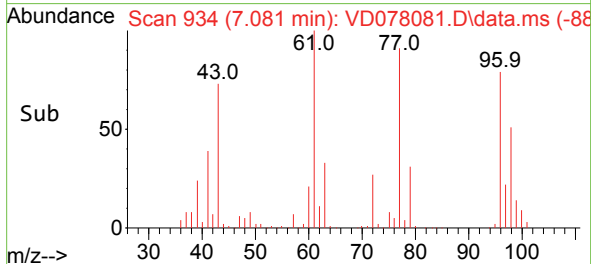
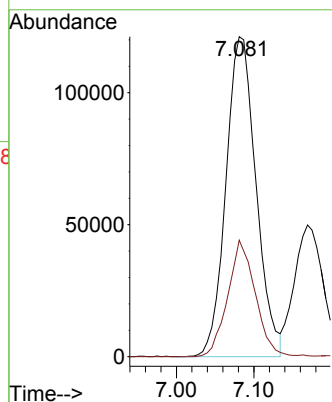
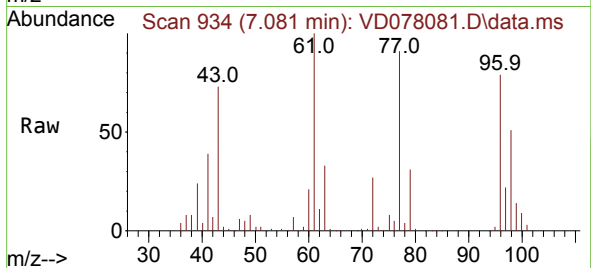




#25
2-Butanone
Concen: 775.810 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

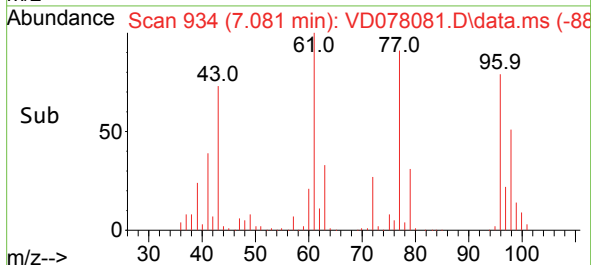
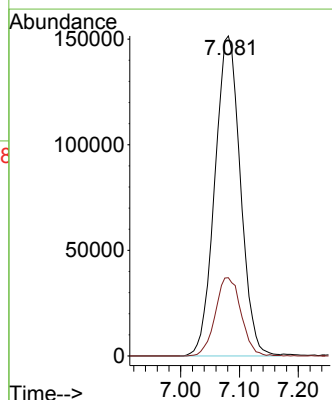
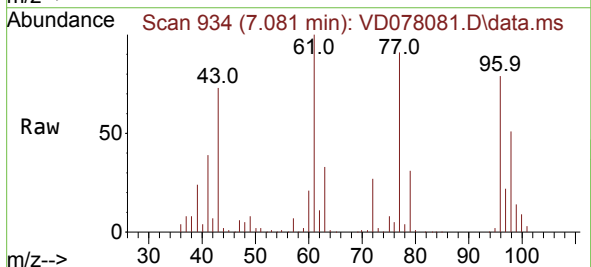
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

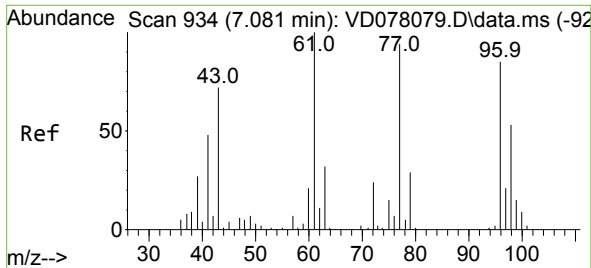
Tgt Ion: 43 Resp: 327874
Ion Ratio Lower Upper
43 100
72 36.4 30.7 46.1



#26
2,2-Dichloropropane
Concen: 145.470 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 77 Resp: 458210
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6



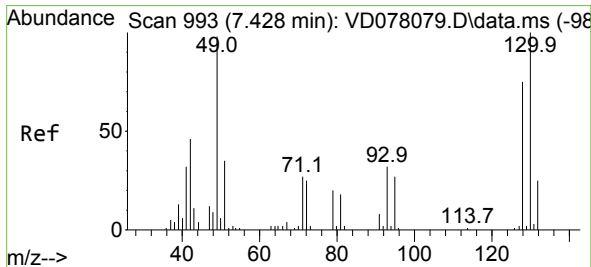
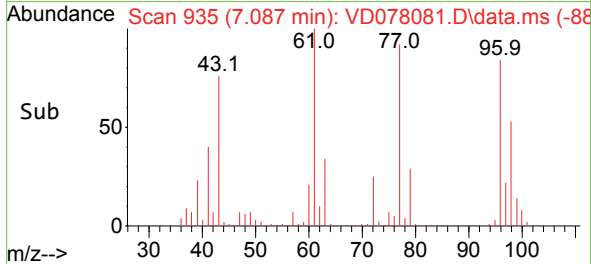
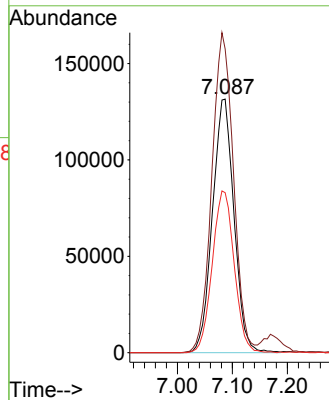
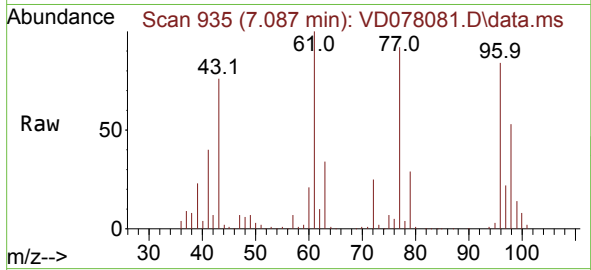


#27
 cis-1,2-Dichloroethene
 Concen: 149.803 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078081.D
 Acq: 26 Dec 2023 13:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 358485

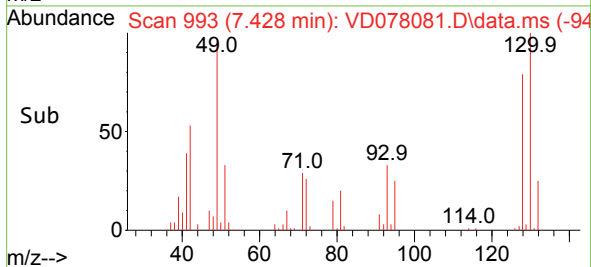
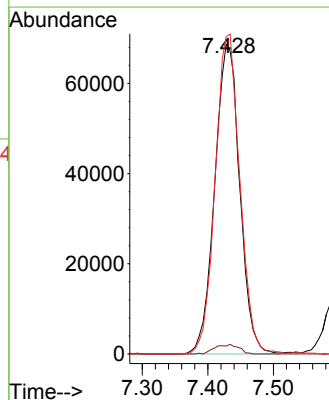
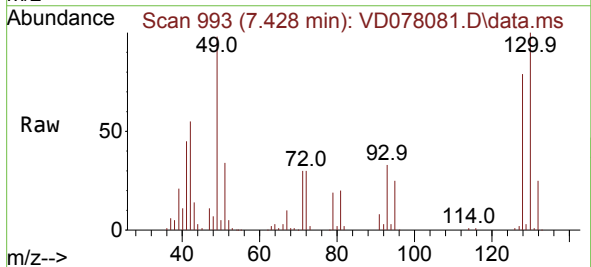
Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	239.2
98	64.9	0.0	128.6

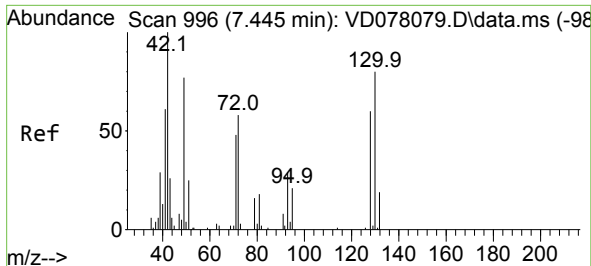


#28
 Bromochloromethane
 Concen: 144.627 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078081.D
 Acq: 26 Dec 2023 13:50

Tgt Ion: 49 Resp: 181410

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	6.0
130	101.6	83.2	124.8





#29

Tetrahydrofuran

Concen: 737.954 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

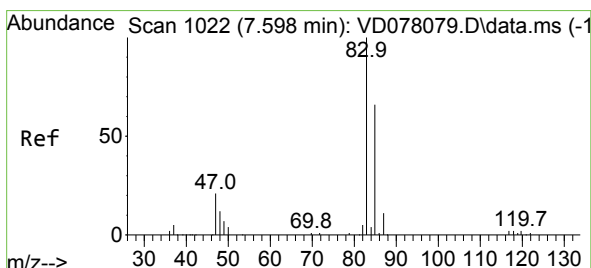
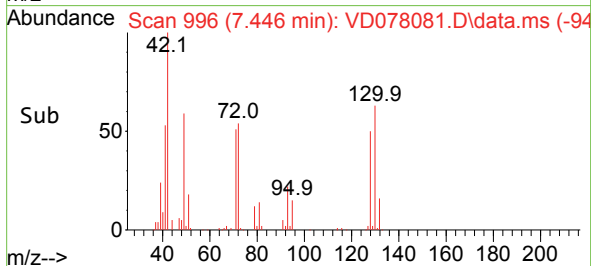
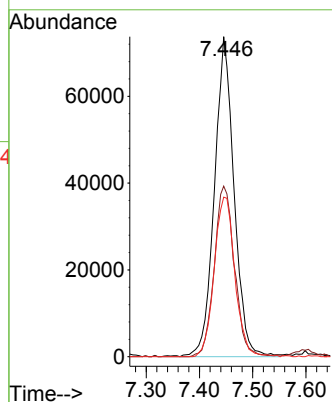
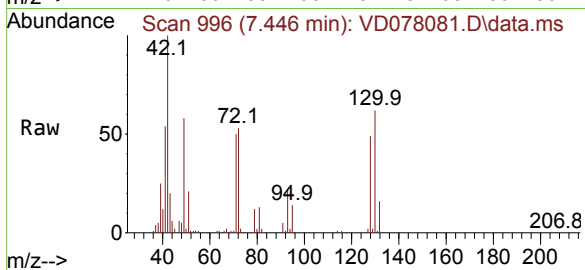
Tgt Ion: 42 Resp: 188740

Ion Ratio Lower Upper

42 100

72 54.8 46.5 69.7

71 52.5 44.5 66.7



#30

Chloroform

Concen: 145.639 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078081.D

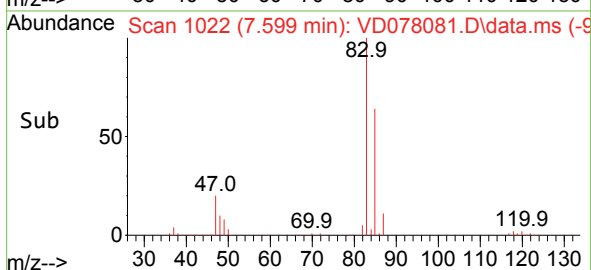
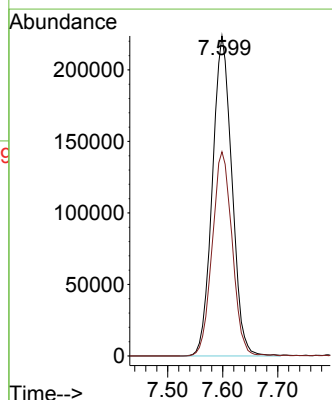
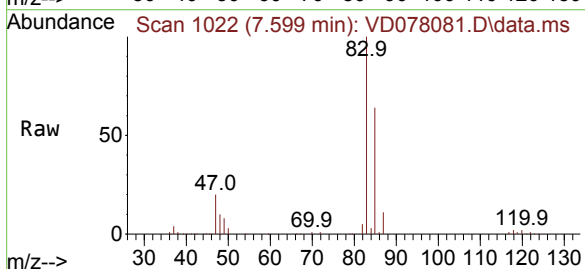
Acq: 26 Dec 2023 13:50

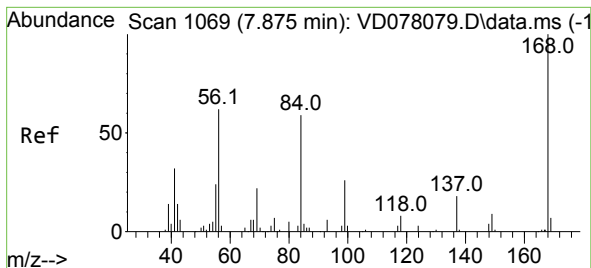
Tgt Ion: 83 Resp: 553349

Ion Ratio Lower Upper

83 100

85 63.8 53.4 80.2





#31

Cyclohexane

Concen: 141.745 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

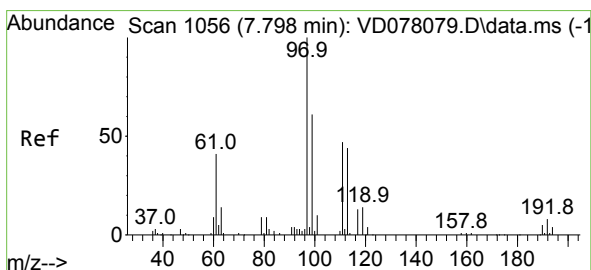
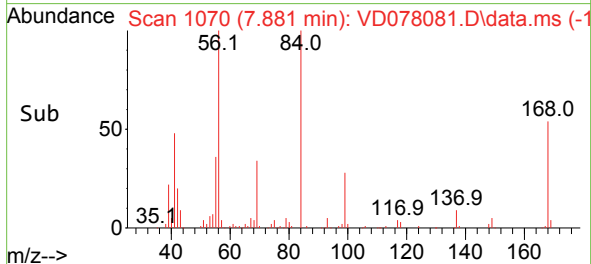
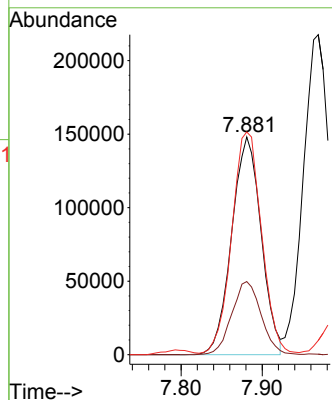
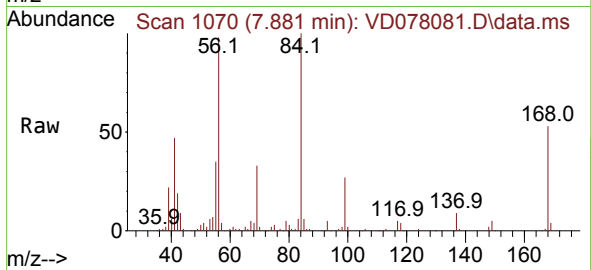
Tgt Ion: 56 Resp: 373590

Ion Ratio Lower Upper

56 100

69 33.5 28.6 43.0

84 100.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 149.977 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

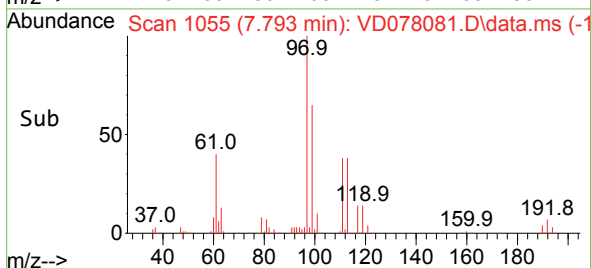
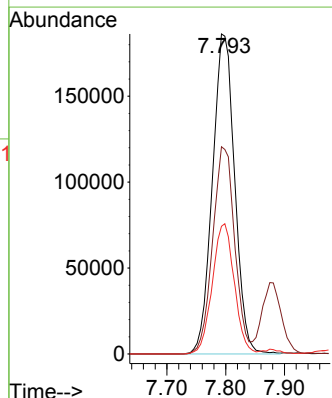
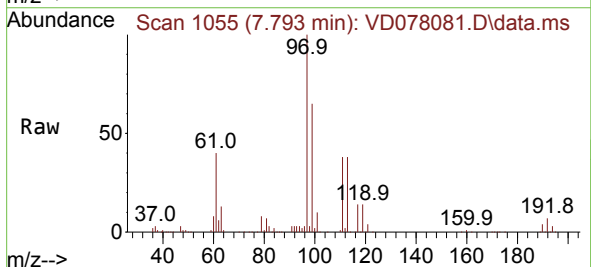
Tgt Ion: 97 Resp: 489729

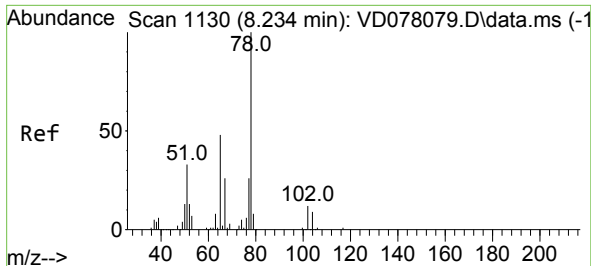
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 40.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 141.643 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

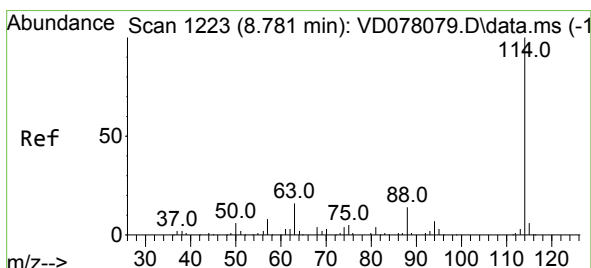
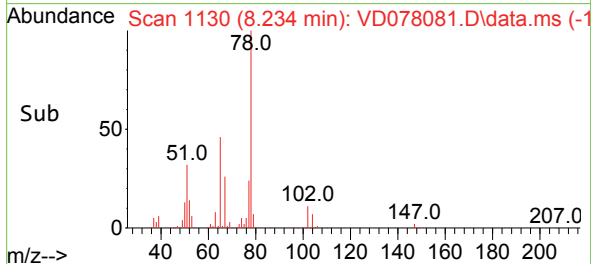
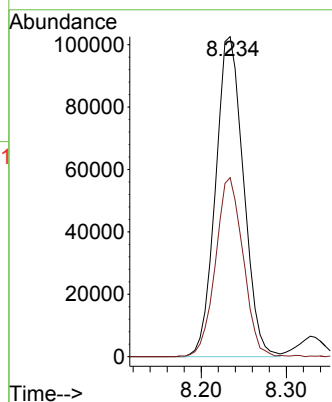
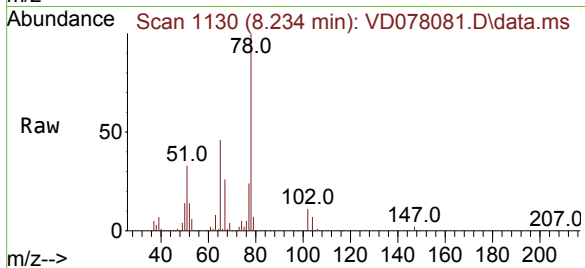
VSTDICC150

Tgt Ion: 65 Resp: 234018

Ion Ratio Lower Upper

65 100

67 55.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

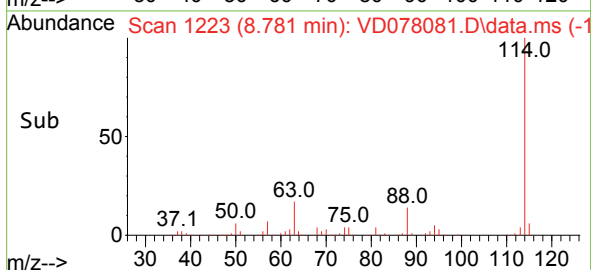
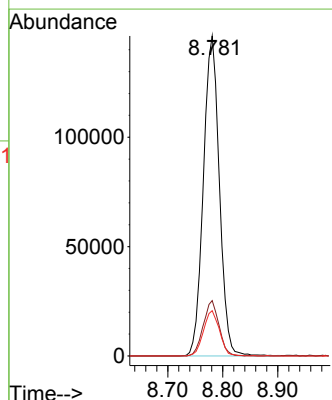
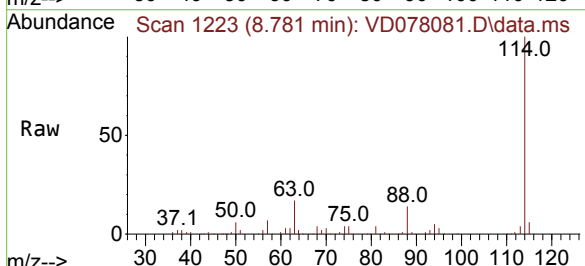
Tgt Ion: 114 Resp: 296473

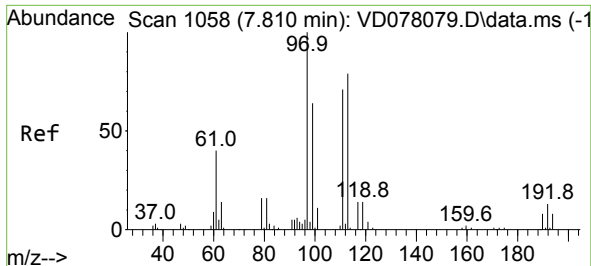
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 14.2 0.0 26.2

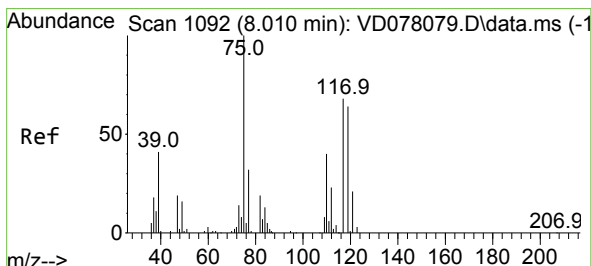
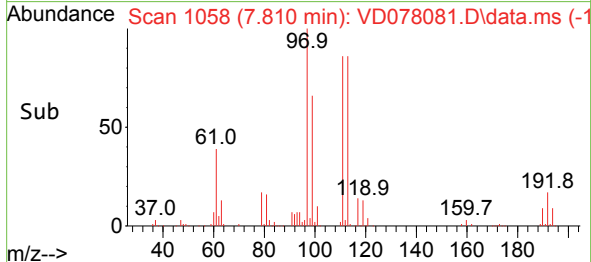
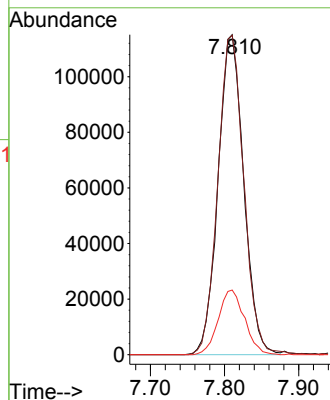
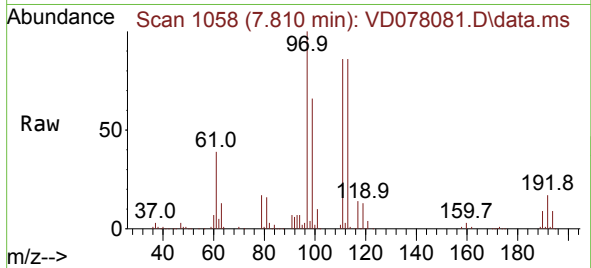




#35
Dibromofluoromethane
Concen: 144.908 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

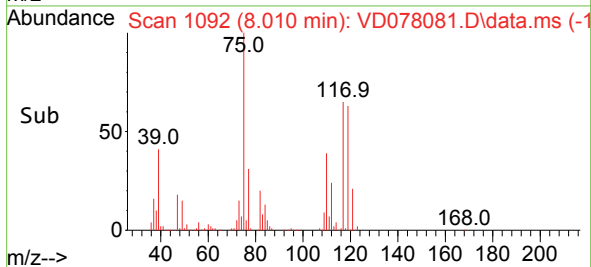
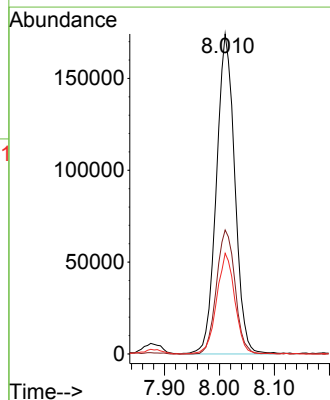
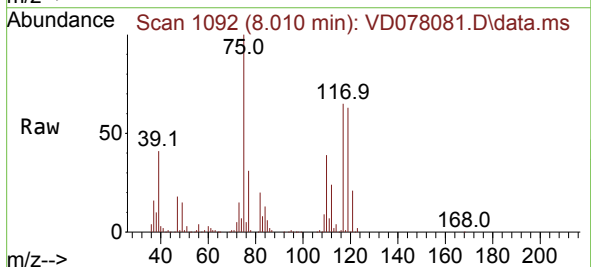
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

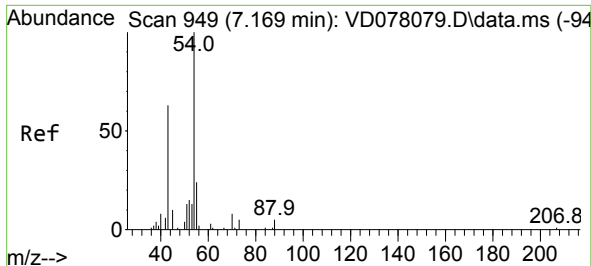
Tgt Ion:113 Resp: 276427
Ion Ratio Lower Upper
113 100
111 101.2 84.7 127.1
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 150.816 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 75 Resp: 404798
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.6
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 148.408 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

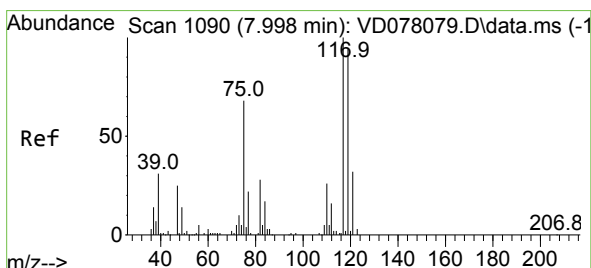
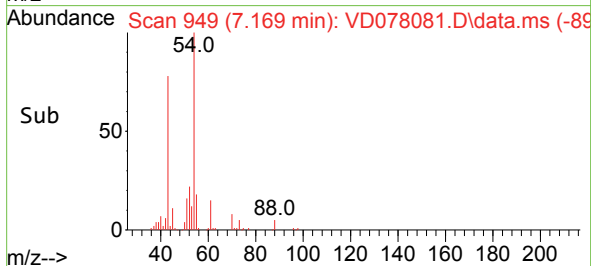
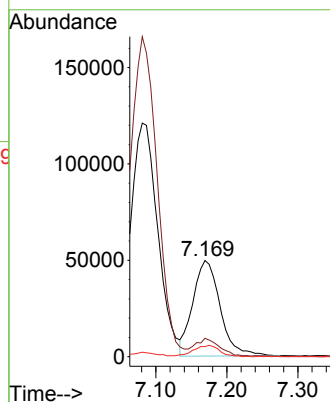
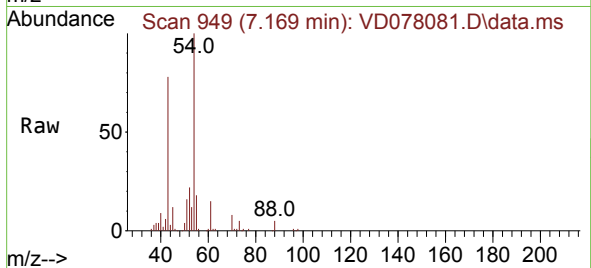
Tgt Ion: 43 Resp: 132483

Ion Ratio Lower Upper

43 100

61 16.3 14.9 22.3

70 11.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 152.703 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

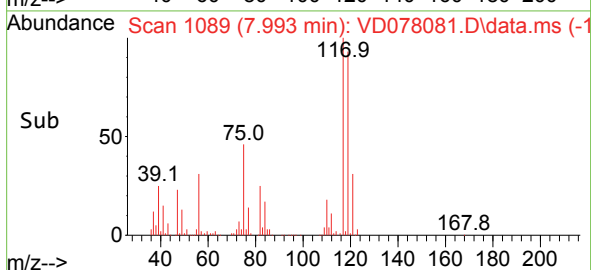
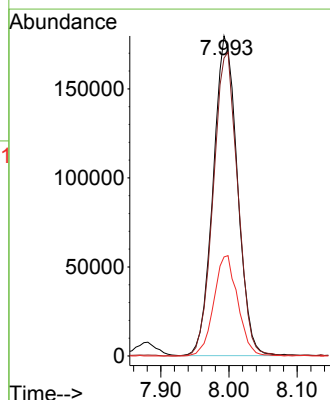
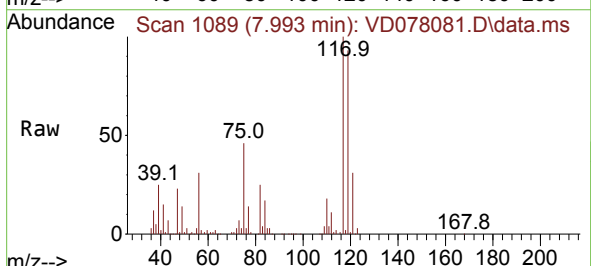
Tgt Ion: 117 Resp: 444129

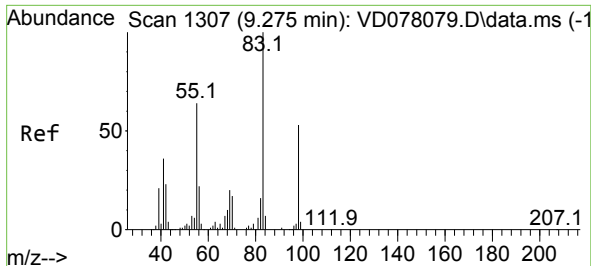
Ion Ratio Lower Upper

117 100

119 93.1 78.0 117.0

121 31.0 24.2 36.2

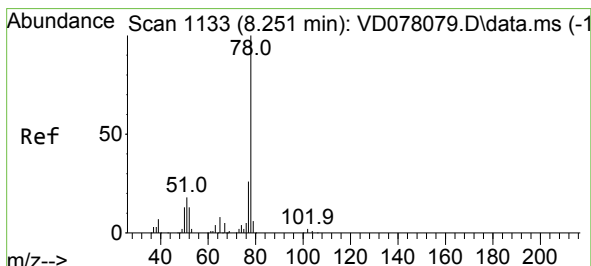
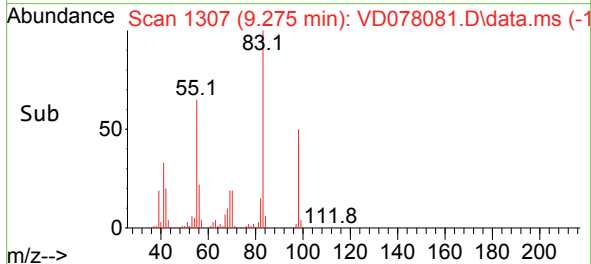
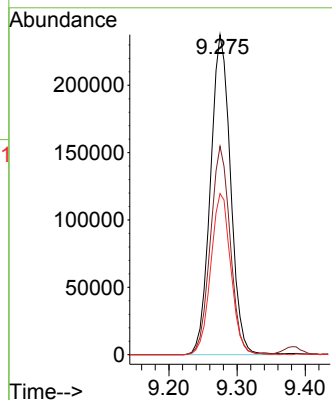
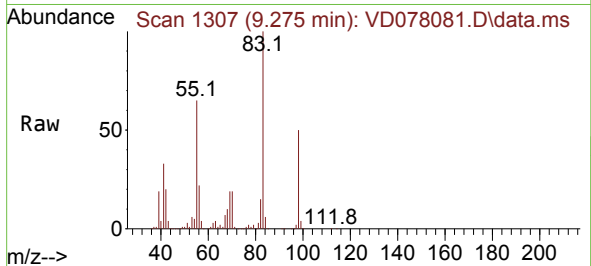




#39
Methylcyclohexane
Concen: 158.293 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

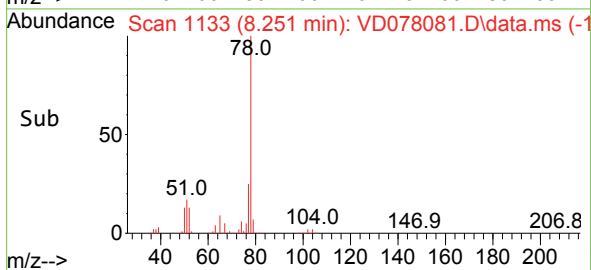
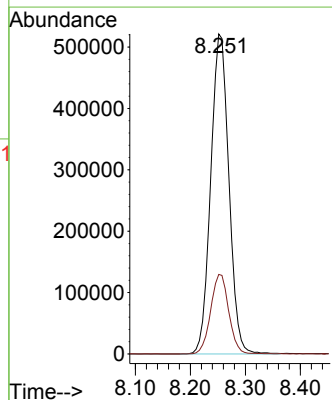
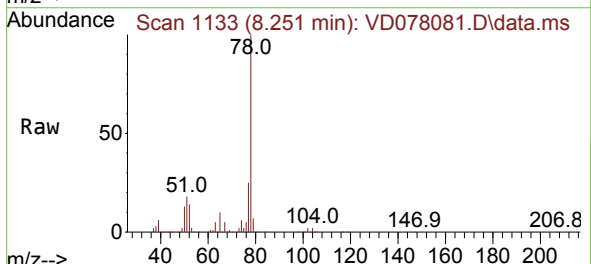
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

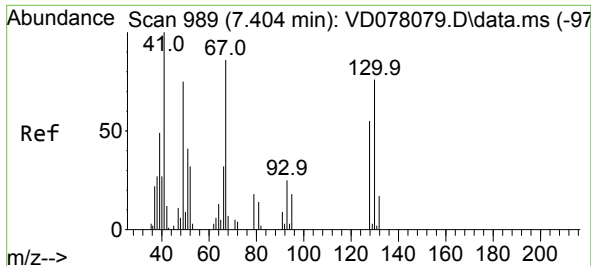
Tgt Ion: 83 Resp: 487104
Ion Ratio Lower Upper
83 100
55 65.1 49.4 74.0
98 50.4 38.4 57.6



#40
Benzene
Concen: 154.544 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

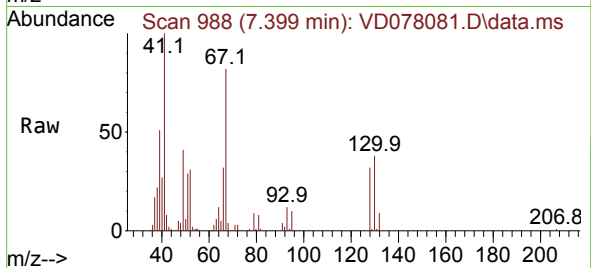
Tgt Ion: 78 Resp: 1195557
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0



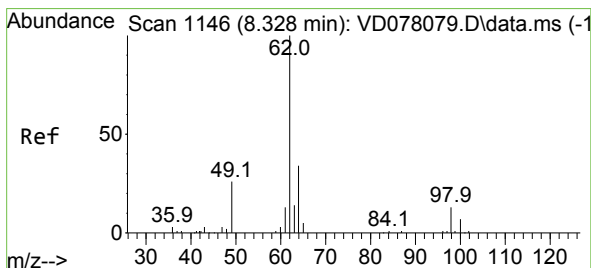
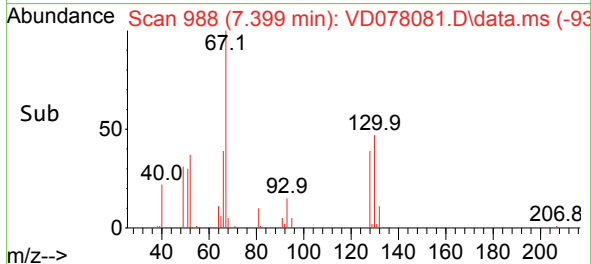
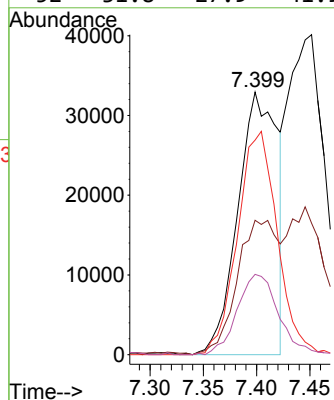


#41
Methacrylonitrile
Concen: 151.156 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

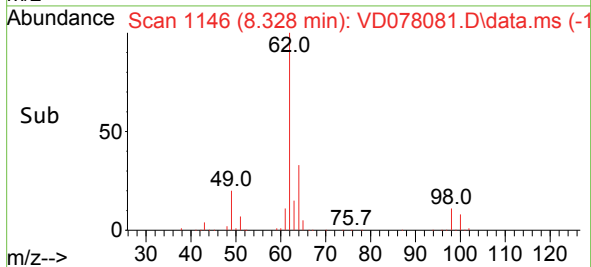
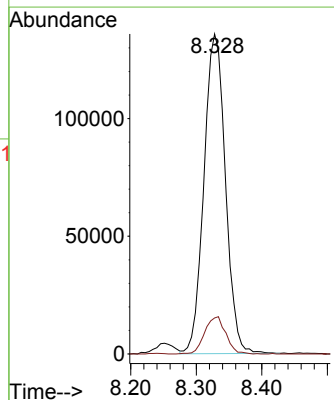
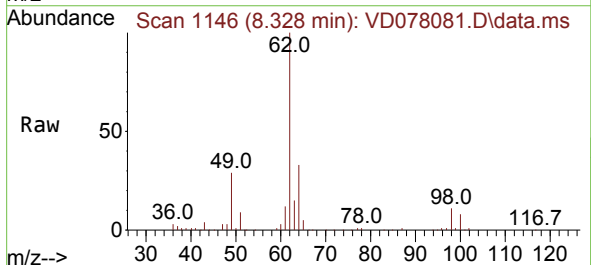


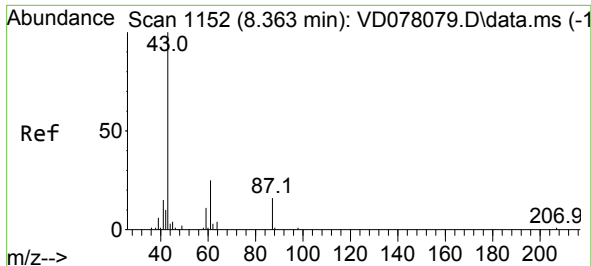
Tgt Ion: 41 Resp: 85457
Ion Ratio Lower Upper
41 100
39 53.0 34.0 51.0#
67 85.2 77.0 115.4
52 31.8 27.9 41.9



#42
1,2-Dichloroethane
Concen: 148.049 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 62 Resp: 309515
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4

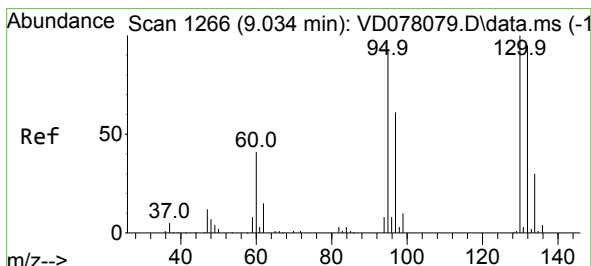
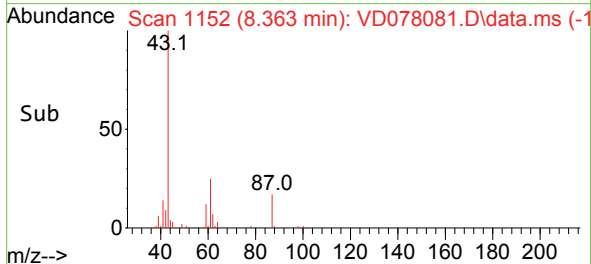
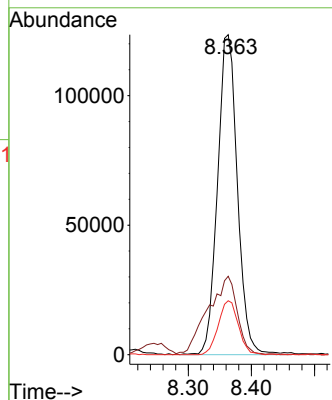
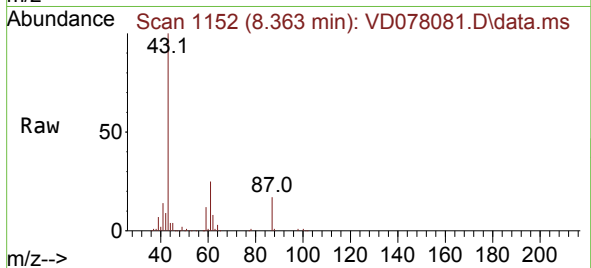




#43
Isopropyl Acetate
Concen: 150.883 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

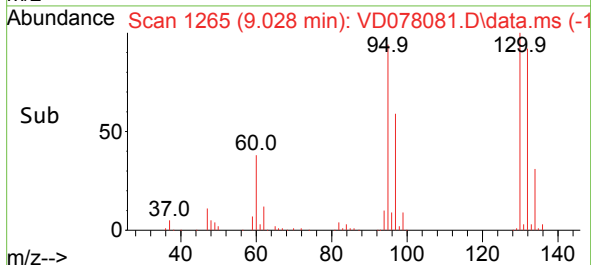
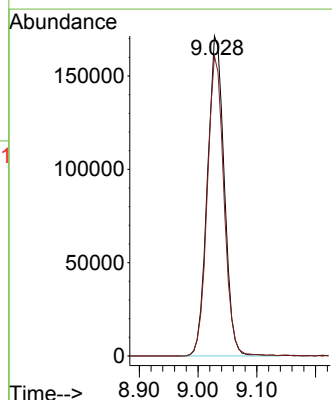
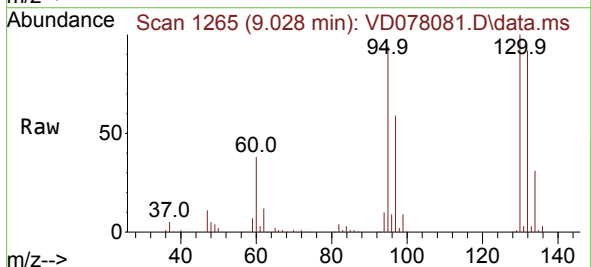
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

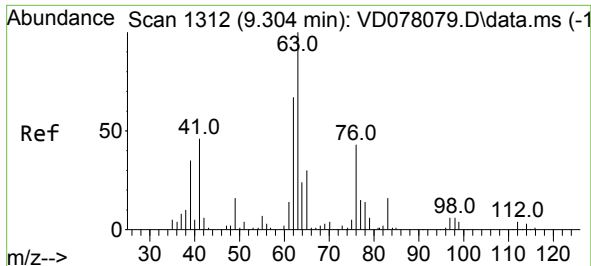
Tgt Ion: 43 Resp: 269660
Ion Ratio Lower Upper
43 100
61 35.6 31.4 47.0
87 17.0 14.9 22.3



#44
Trichloroethene
Concen: 153.254 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion:130 Resp: 341088
Ion Ratio Lower Upper
130 100
95 93.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 148.630 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

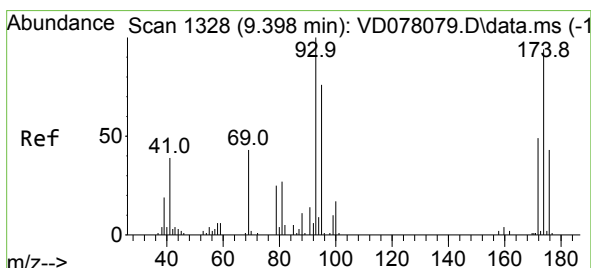
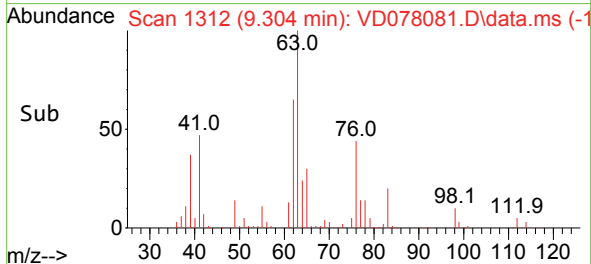
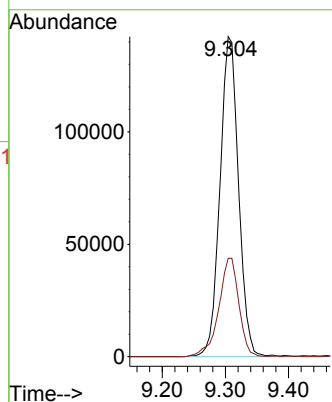
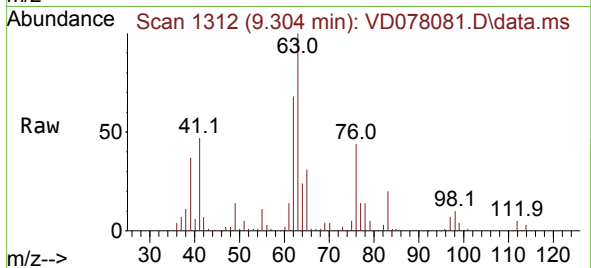
VSTDIC150

Tgt Ion: 63 Resp: 291357

Ion Ratio Lower Upper

63 100

65 30.7 24.5 36.7



#46

Dibromomethane

Concen: 155.434 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

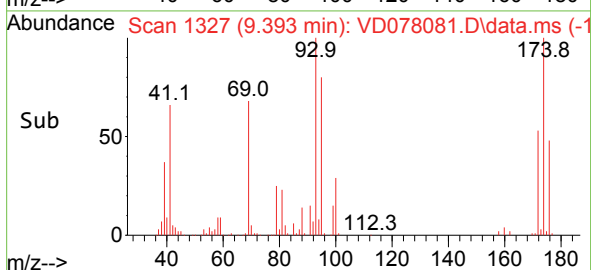
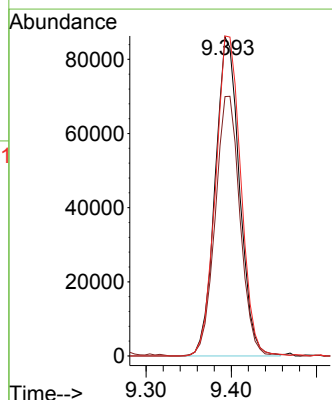
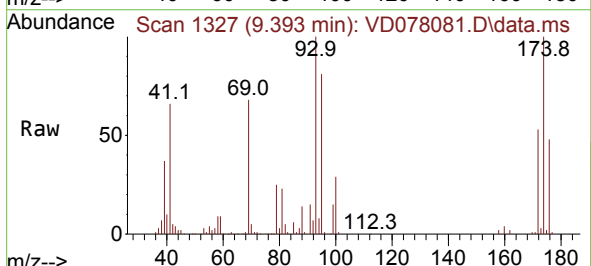
Tgt Ion: 93 Resp: 170653

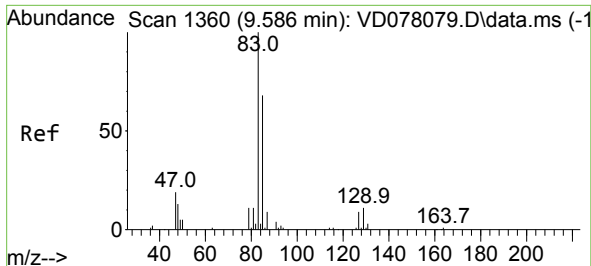
Ion Ratio Lower Upper

93 100

95 83.2 67.7 101.5

174 104.1 85.4 128.2

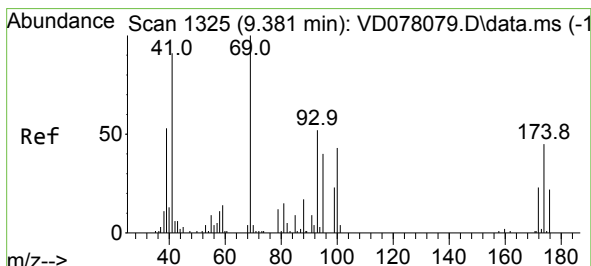
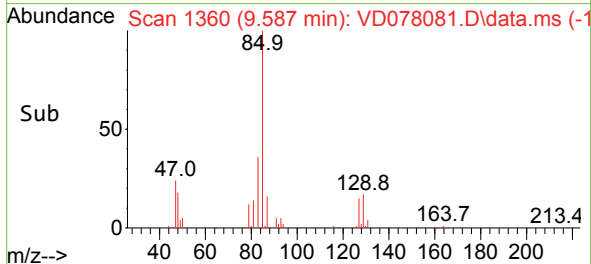
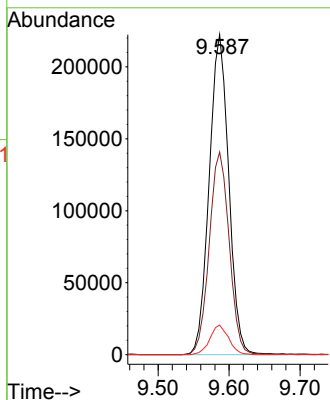
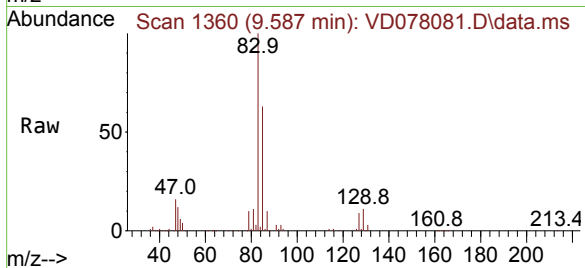




#47
Bromodichloromethane
Concen: 148.849 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

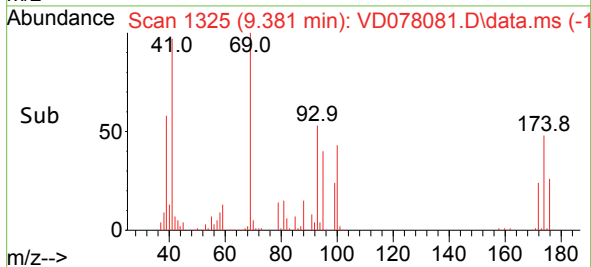
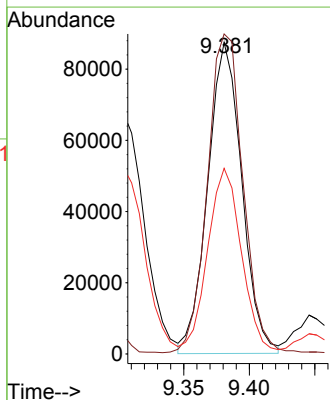
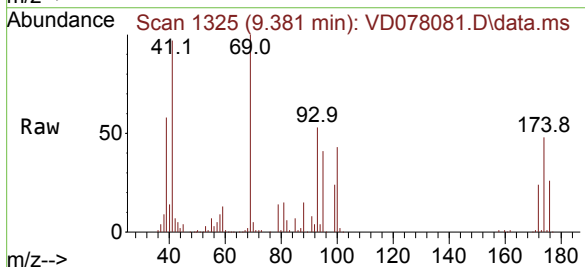
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

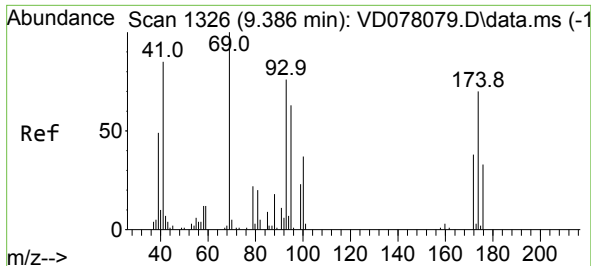
Tgt Ion: 83 Resp: 424505
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 9.2 6.3 9.5



#48
Methyl methacrylate
Concen: 156.743 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 41 Resp: 157876
Ion Ratio Lower Upper
41 100
69 108.6 102.2 153.2
39 59.4 41.4 62.2





#49

1,4-Dioxane

Concen: 3042.292 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

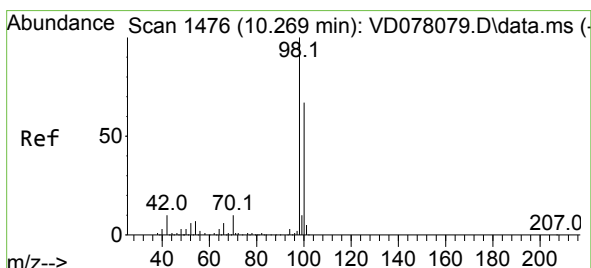
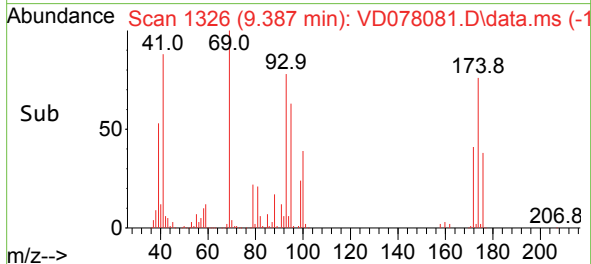
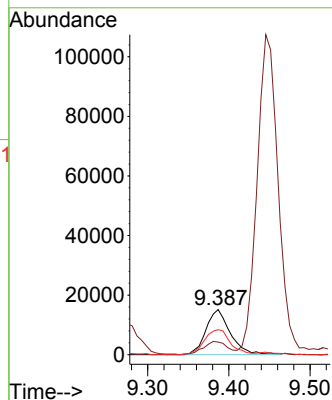
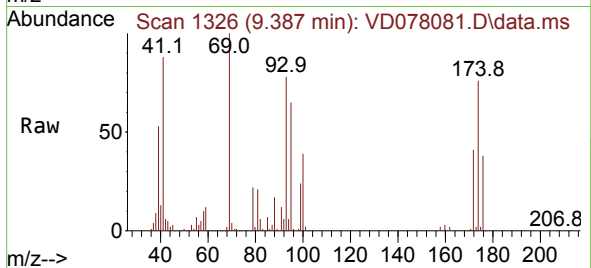
Tgt Ion: 88 Resp: 31576

Ion Ratio Lower Upper

88 100

43 29.9 19.0 28.6#

58 59.6 43.5 65.3



#50

Toluene-d8

Concen: 156.254 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078081.D

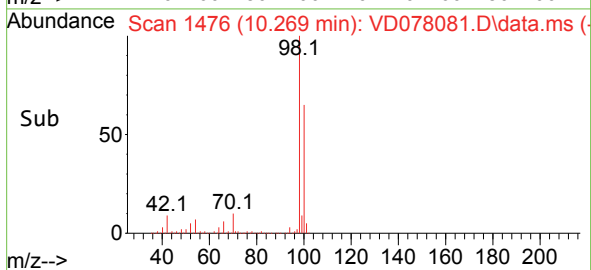
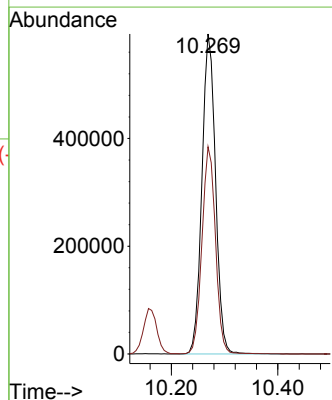
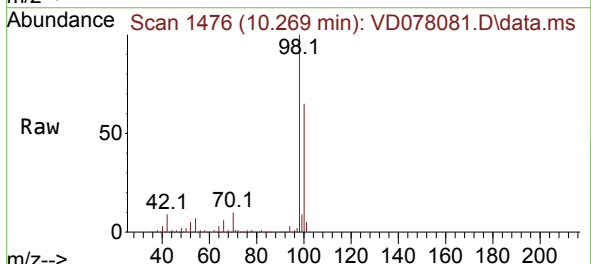
Acq: 26 Dec 2023 13:50

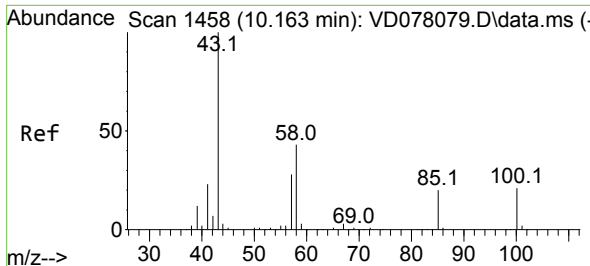
Tgt Ion: 98 Resp: 1048817

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

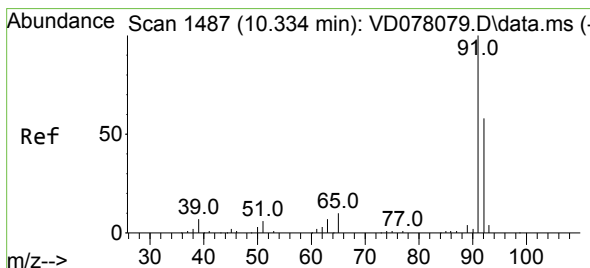
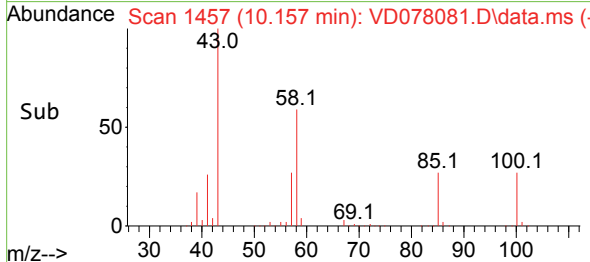
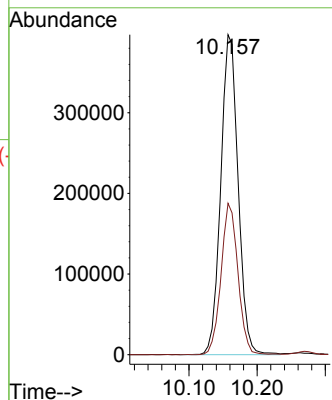
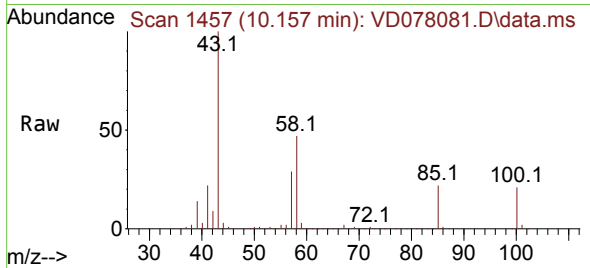




#51
4-Methyl-2-Pentanone
Concen: 766.585 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

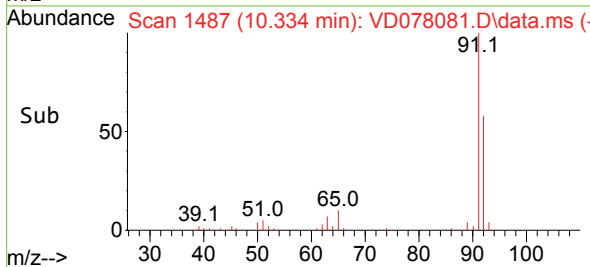
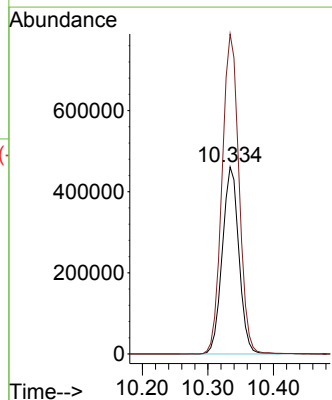
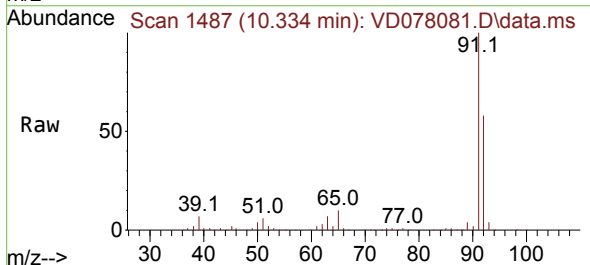
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

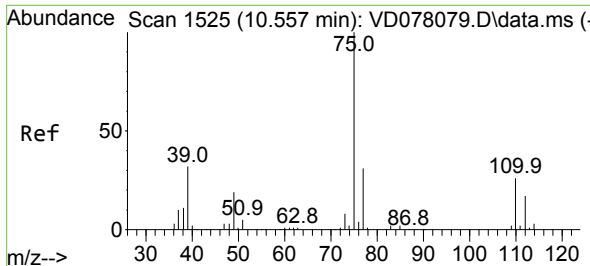
Tgt Ion: 43 Resp: 702999
Ion Ratio Lower Upper
43 100
58 46.1 38.9 58.3



#52
Toluene
Concen: 160.698 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 92 Resp: 806307
Ion Ratio Lower Upper
92 100
91 175.1 143.0 214.4

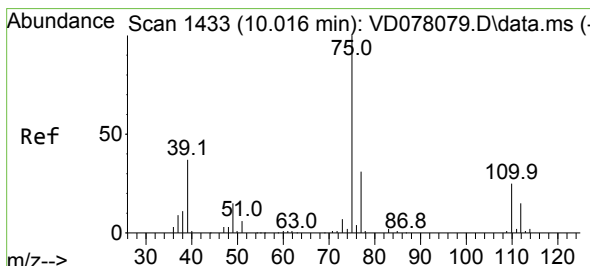
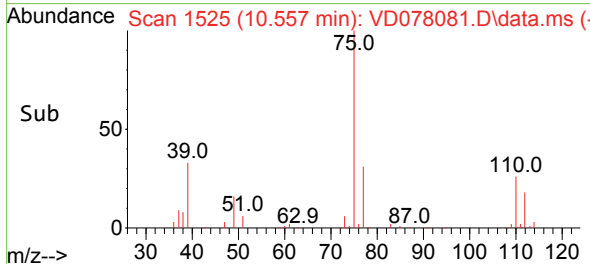
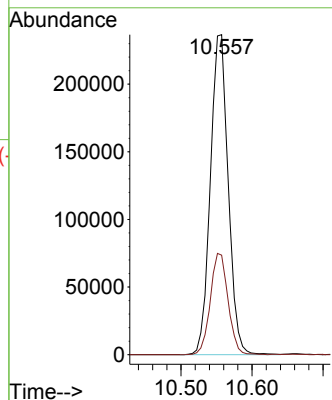
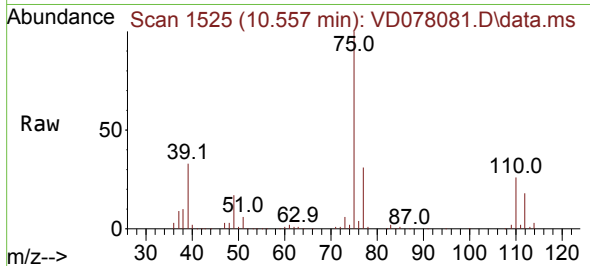




#53
t-1,3-Dichloropropene
Concen: 159.298 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

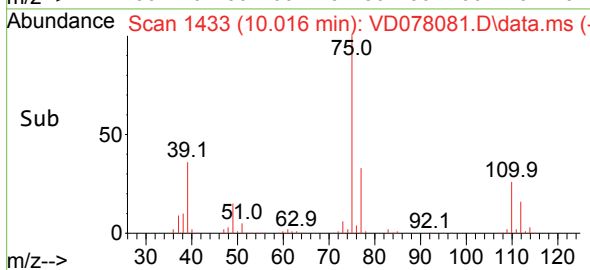
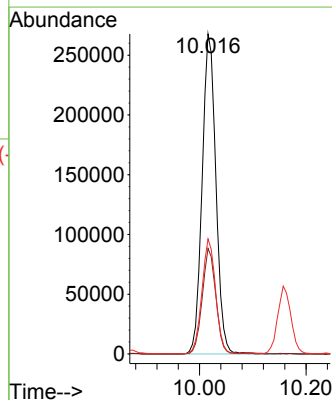
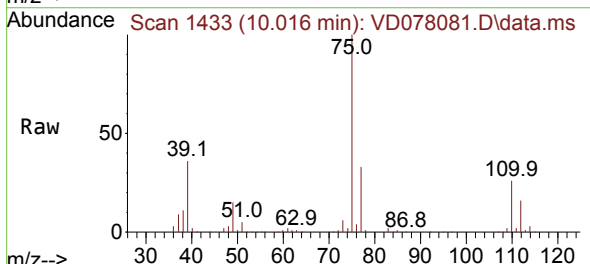
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

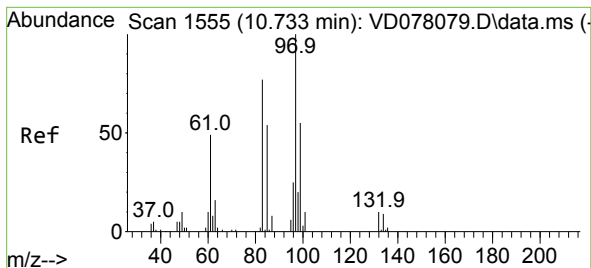
Tgt Ion: 75 Resp: 412187
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 154.398 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 75 Resp: 479767
Ion Ratio Lower Upper
75 100
77 33.0 25.5 38.3
39 35.9 22.1 33.1#



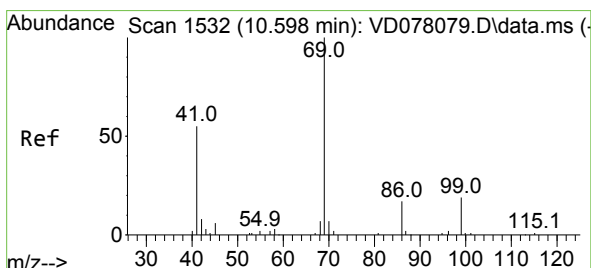
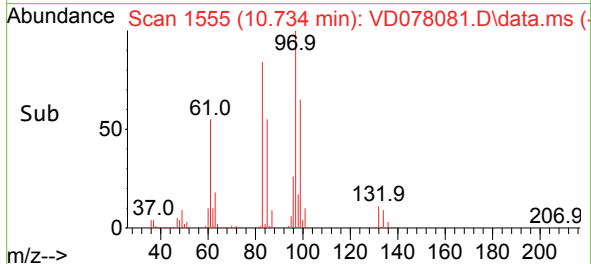
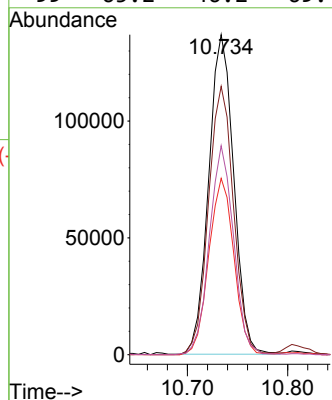
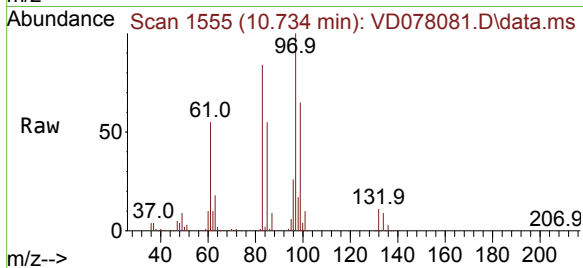


#55
1,1,2-Trichloroethane
Concen: 153.964 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 237877

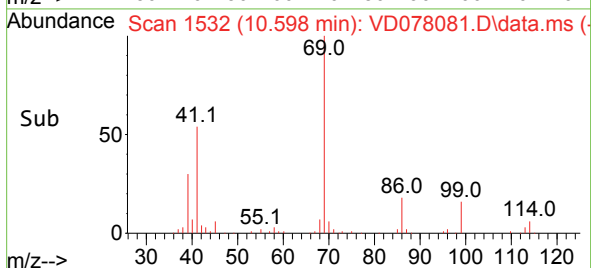
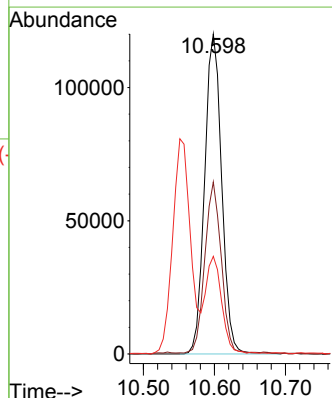
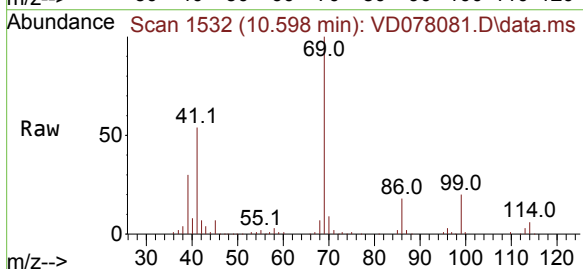
Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.8	98.6
85	55.2	45.7	68.5
99	65.2	46.2	69.4

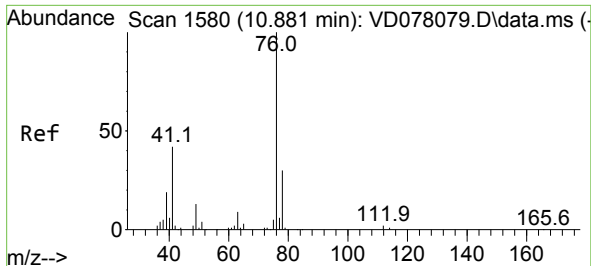


#56
Ethyl methacrylate
Concen: 163.657 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 69 Resp: 200660

Ion	Ratio	Lower	Upper
69	100		
41	51.3	39.1	58.7
39	27.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 153.254 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

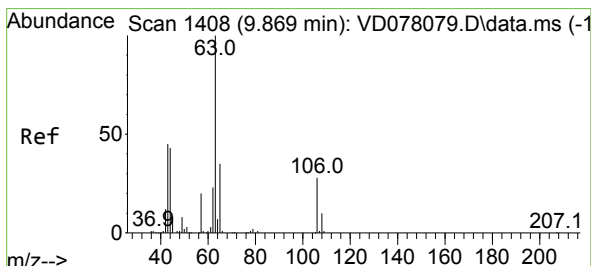
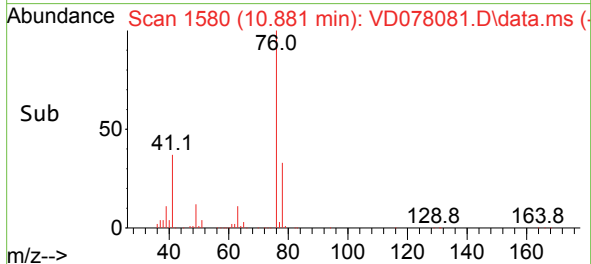
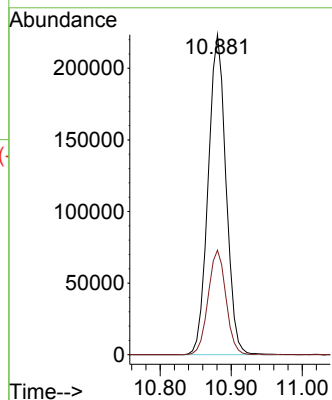
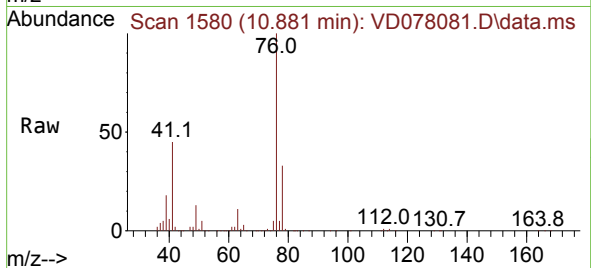
VSTDIC150

Tgt Ion: 76 Resp: 389032

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 602.910 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078081.D

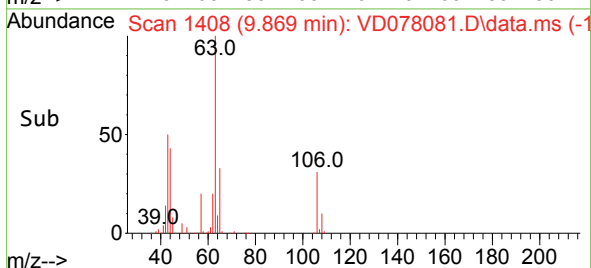
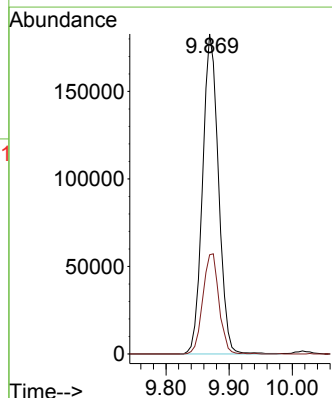
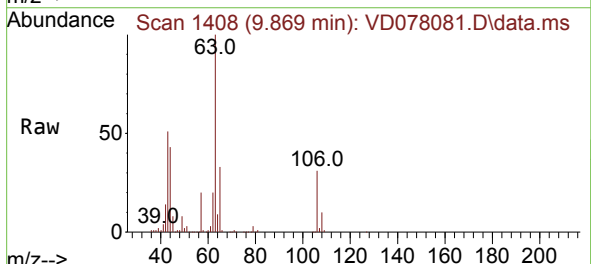
Acq: 26 Dec 2023 13:50

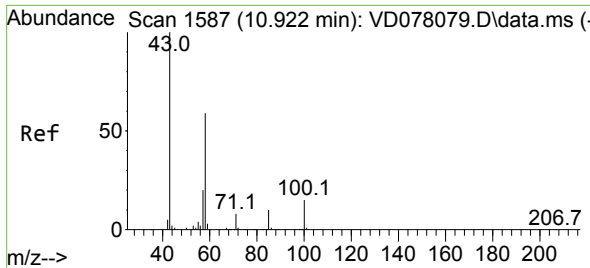
Tgt Ion: 63 Resp: 320051

Ion Ratio Lower Upper

63 100

106 31.8 25.3 37.9

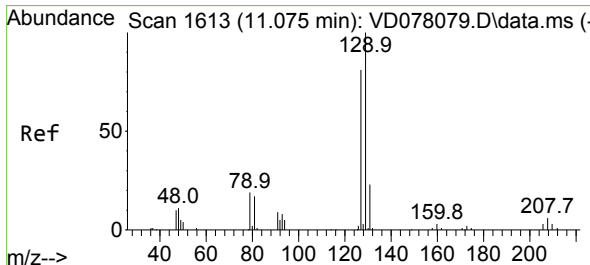
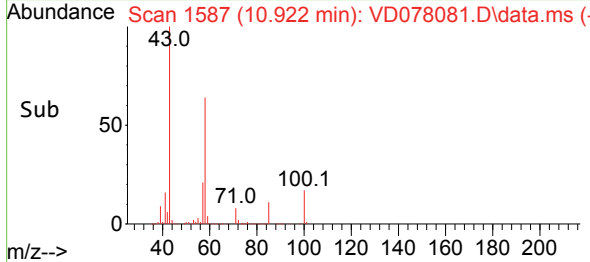
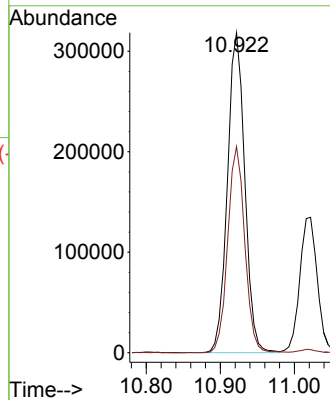
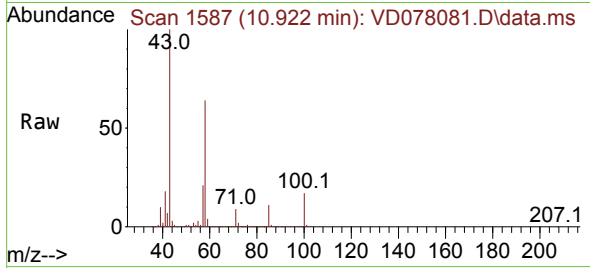




#59
2-Hexanone
Concen: 726.972 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

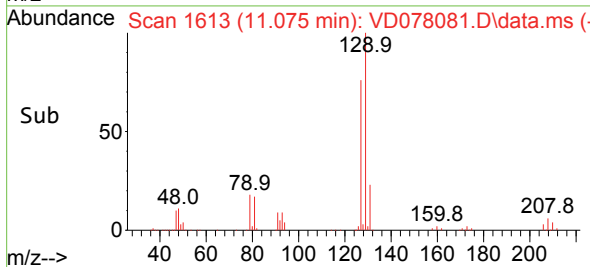
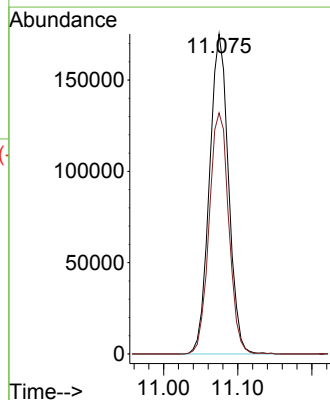
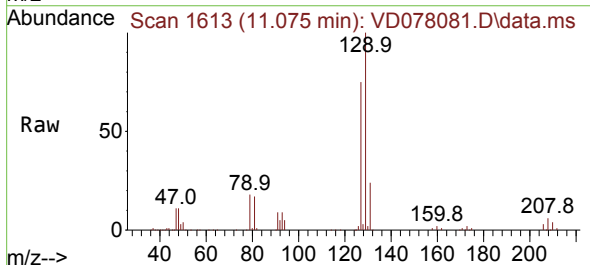
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

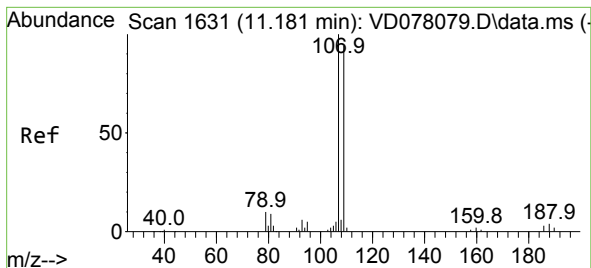
Tgt Ion: 43 Resp: 517847
Ion Ratio Lower Upper
43 100
58 63.3 34.1 102.2



#60
Dibromochloromethane
Concen: 158.707 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 129 Resp: 312376
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5

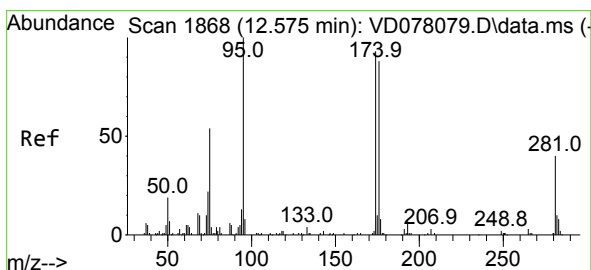
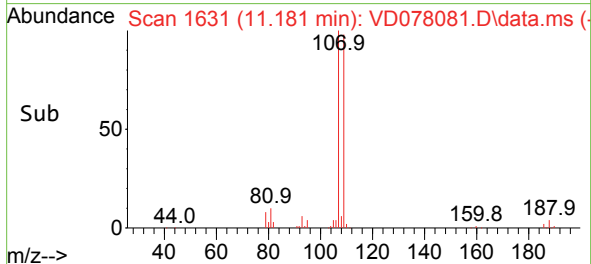
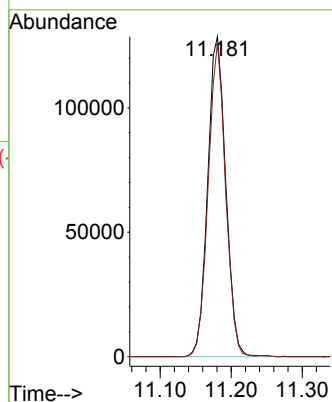
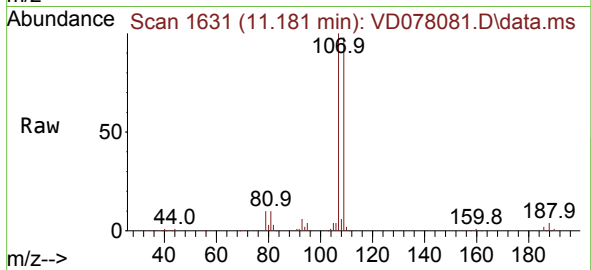




#61
 1,2-Dibromoethane
 Concen: 153.542 ug/l
 RT: 11.181 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VD078081.D
 Acq: 26 Dec 2023 13:50

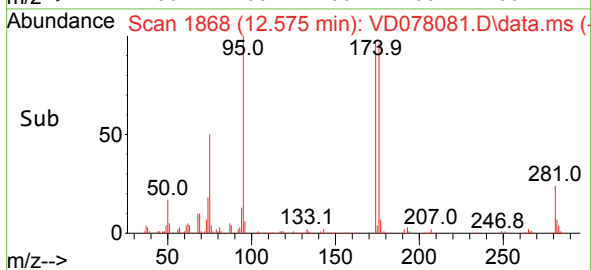
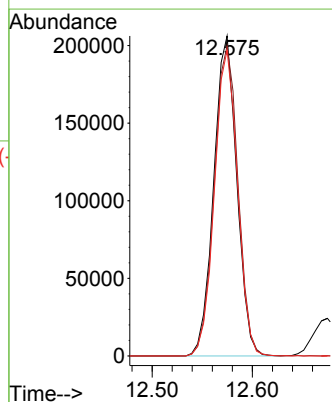
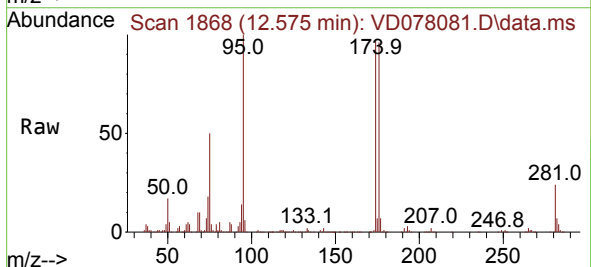
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

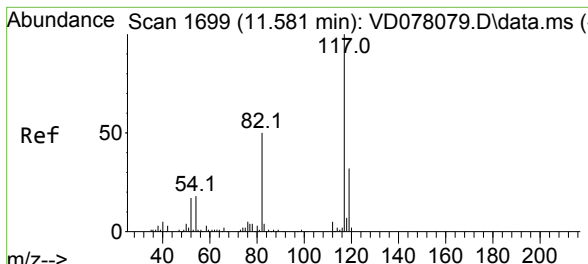
Tgt Ion:107 Resp: 227434
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 152.110 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD078081.D
 Acq: 26 Dec 2023 13:50

Tgt Ion: 95 Resp: 328514
 Ion Ratio Lower Upper
 95 100
 174 99.8 0.0 201.8
 176 95.7 0.0 191.8

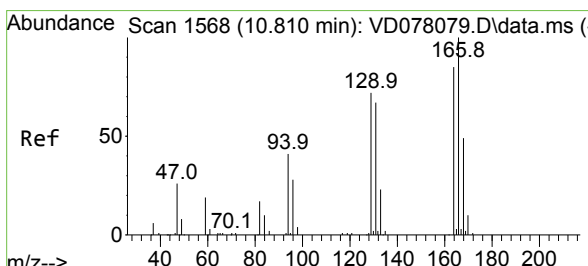
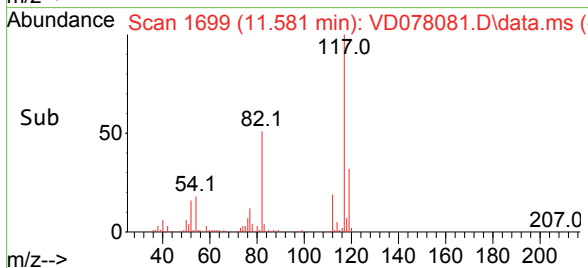
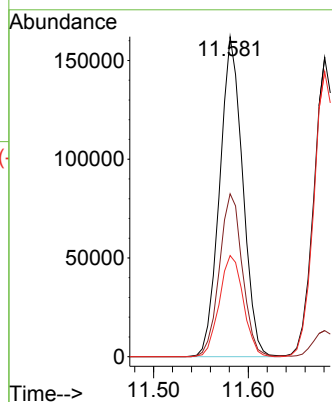
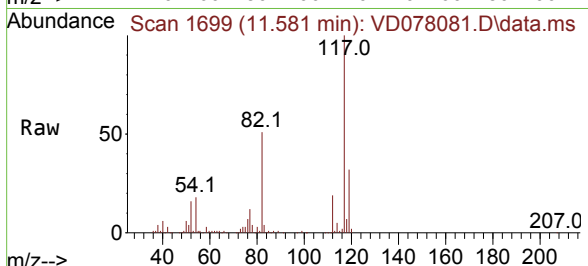




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

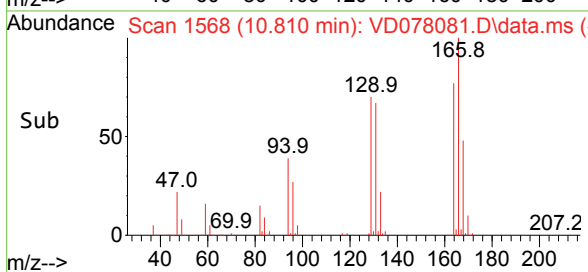
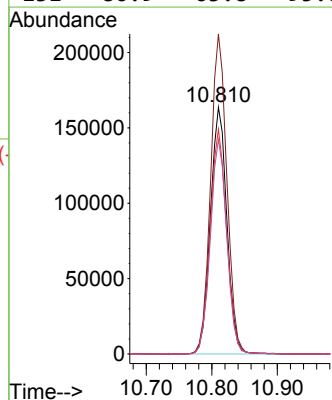
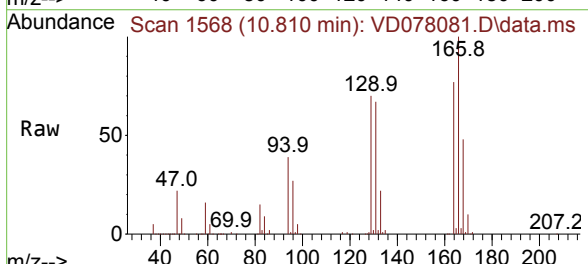
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

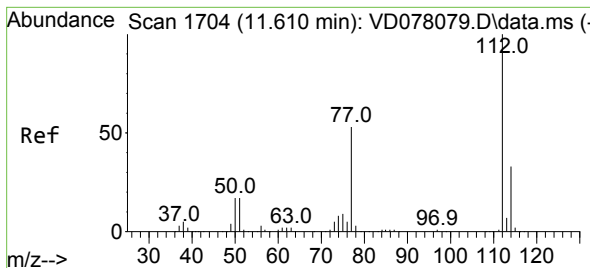
Tgt Ion:	117	Resp:	274234
Ion Ratio	Lower	Upper	
117	100		
82	50.9	38.3	57.5
119	31.6	25.0	37.4



#64
Tetrachloroethene
Concen: 154.291 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion:	164	Resp:	285908
Ion Ratio	Lower	Upper	
164	100		
166	129.7	99.2	148.8
129	91.1	68.4	102.6
131	86.9	63.8	95.8

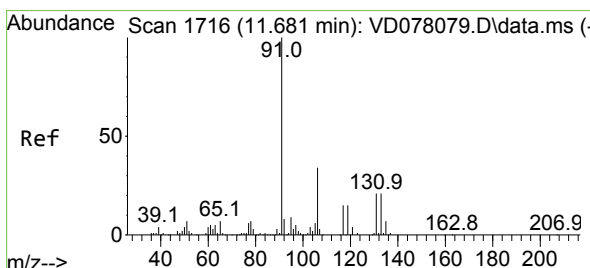
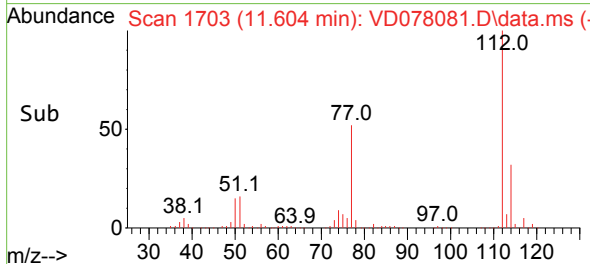
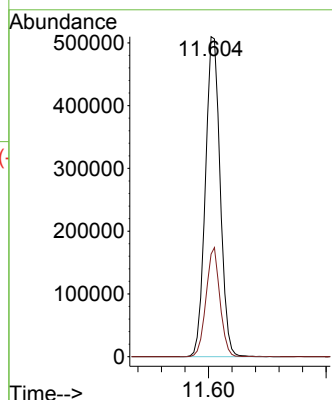
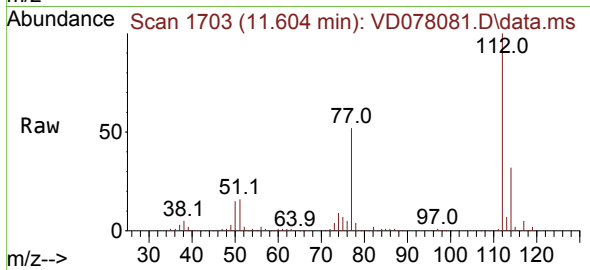




#65
Chlorobenzene
Concen: 152.518 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

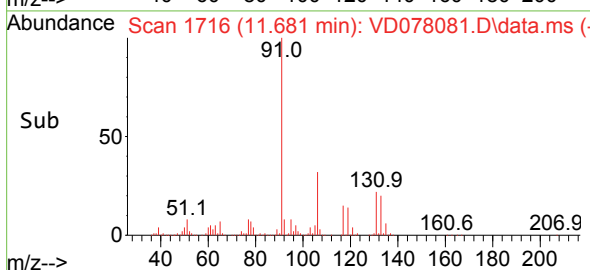
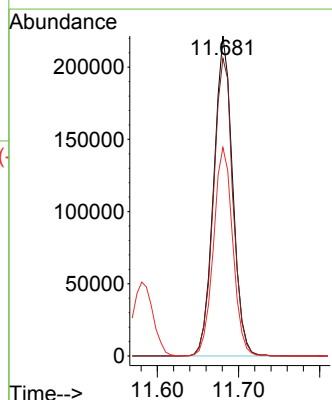
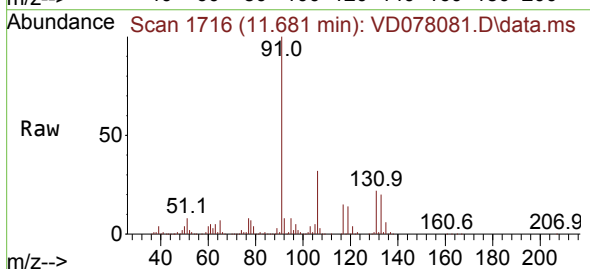
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

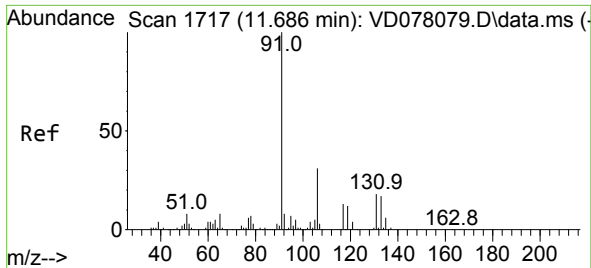
Tgt Ion:112 Resp: 888572
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 162.667 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion:131 Resp: 358695
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.5
119 66.4 35.6 106.9





#67

Ethyl Benzene

Concen: 161.685 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

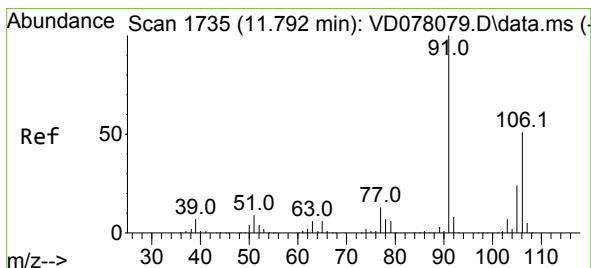
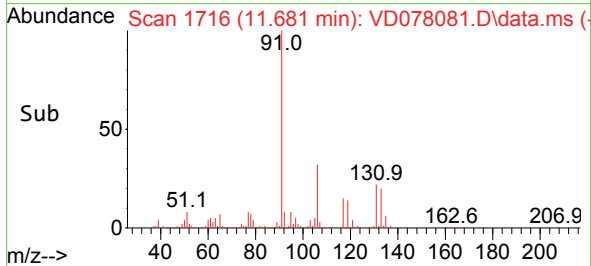
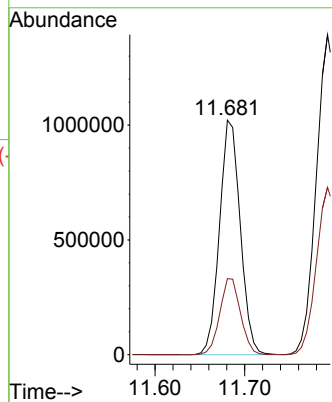
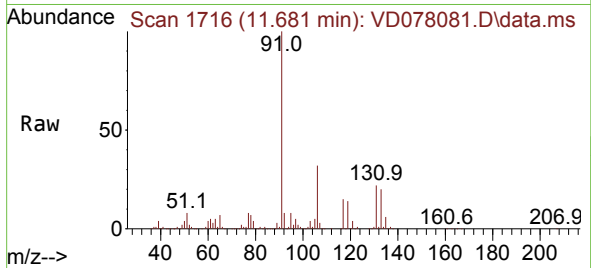
VSTDIC150

Tgt Ion: 91 Resp: 1642208

Ion Ratio Lower Upper

91 100

106 32.4 26.5 39.7



#68

m/p-Xylenes

Concen: 331.890 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078081.D

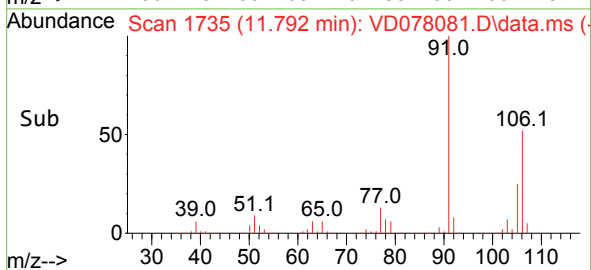
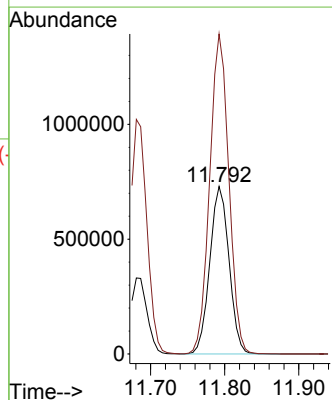
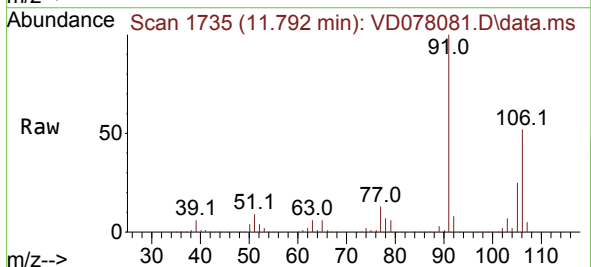
Acq: 26 Dec 2023 13:50

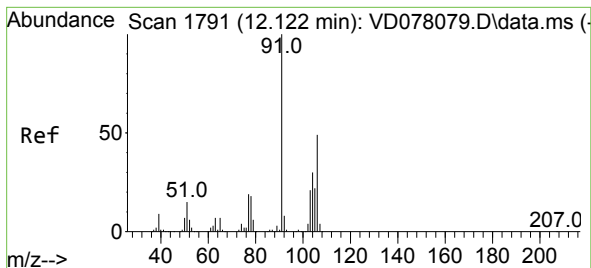
Tgt Ion:106 Resp: 1311924

Ion Ratio Lower Upper

106 100

91 190.6 147.0 220.6

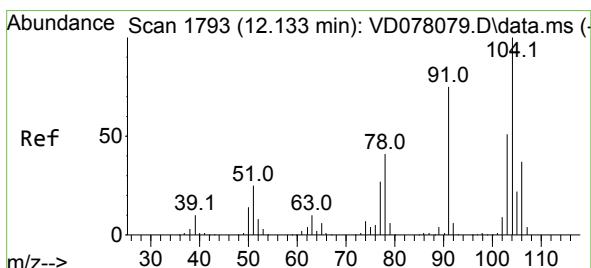
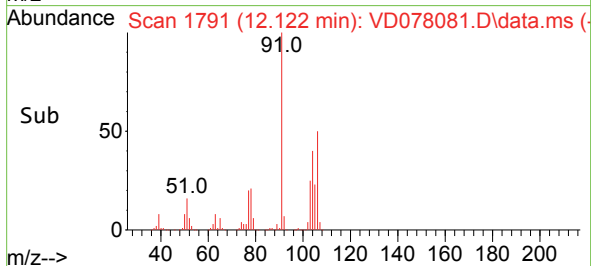
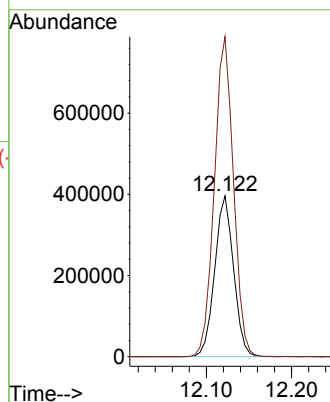
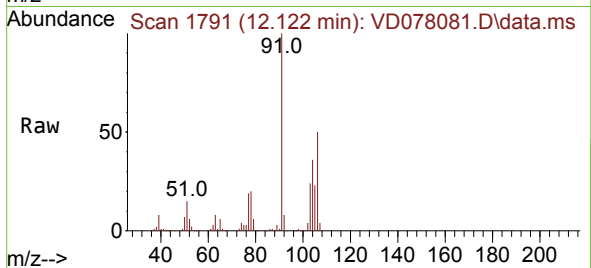




#69
o-Xylene
Concen: 165.399 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

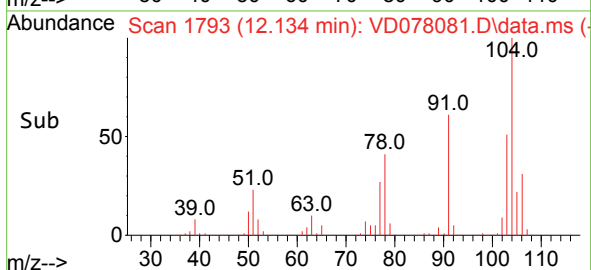
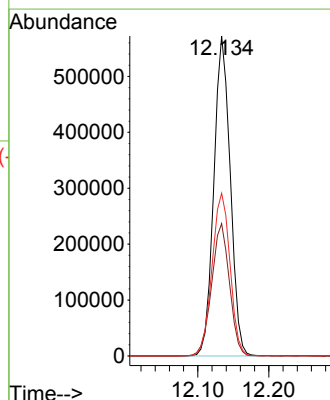
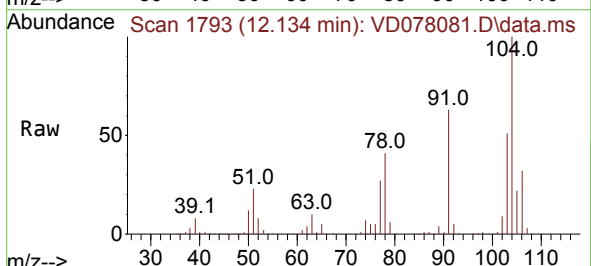
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

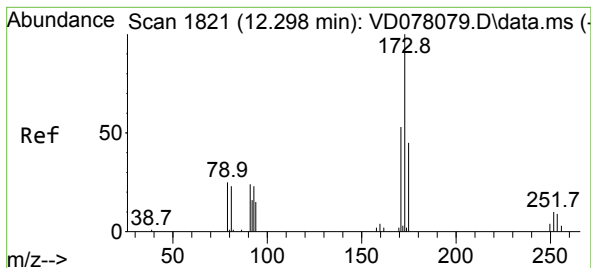
Tgt Ion:106 Resp: 609357
Ion Ratio Lower Upper
106 100
91 202.2 97.9 293.6



#70
Styrene
Concen: 168.667 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion:104 Resp: 917462
Ion Ratio Lower Upper
104 100
78 45.0 33.2 49.8
103 55.7 43.6 65.4





#71

Bromoform

Concen: 154.918 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

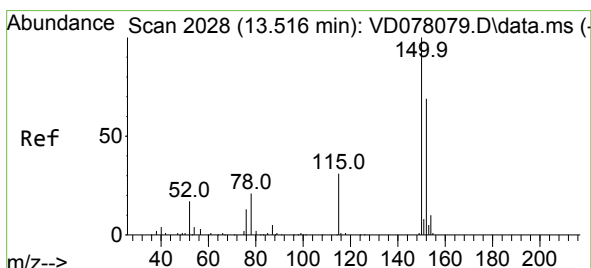
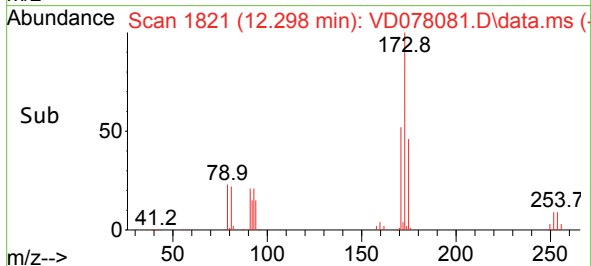
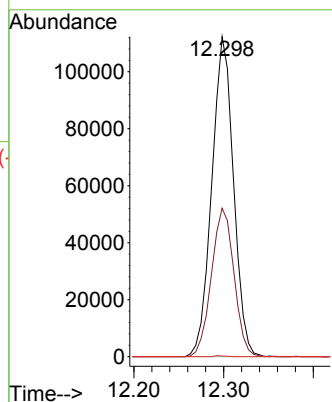
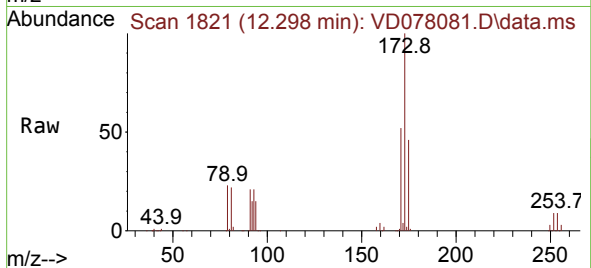
Tgt Ion:173 Resp: 188466

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.2 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: VD078081.D

Acq: 26 Dec 2023 13:50

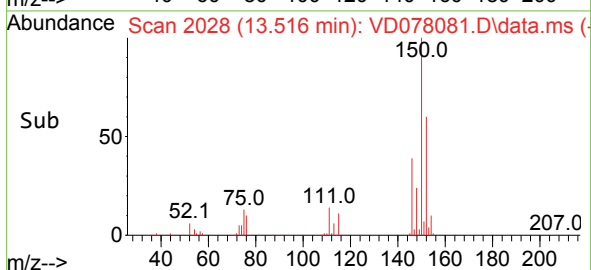
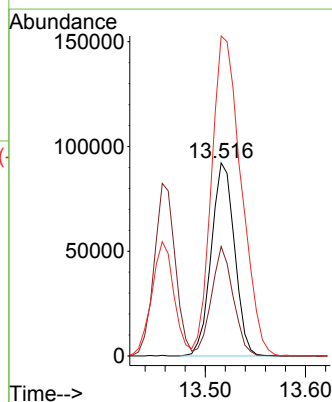
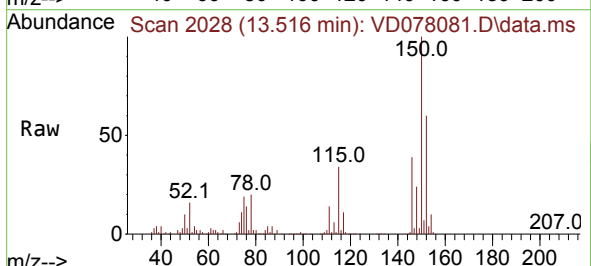
Tgt Ion:152 Resp: 148567

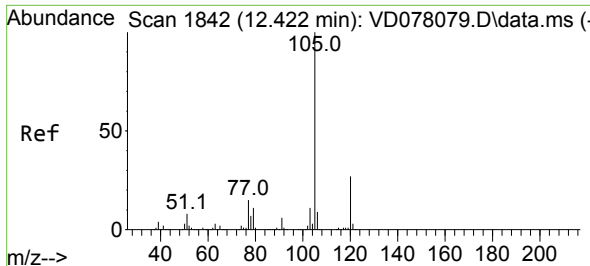
Ion Ratio Lower Upper

152 100

115 53.5 27.1 81.3

150 211.0 0.0 353.6

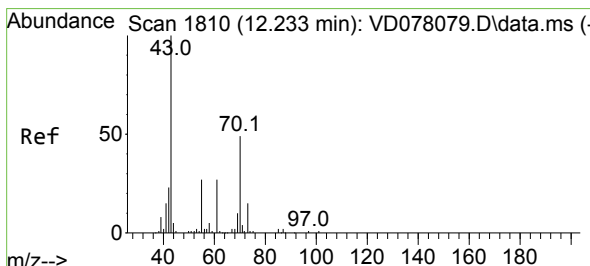
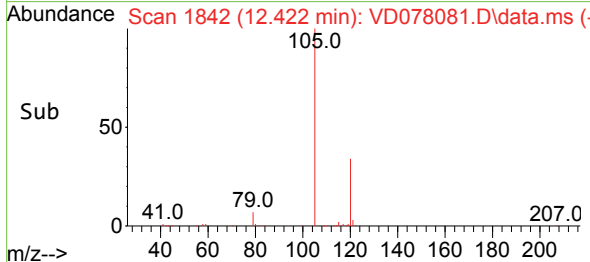
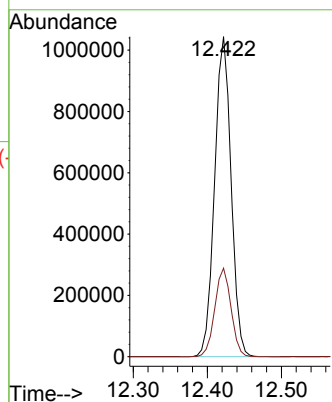
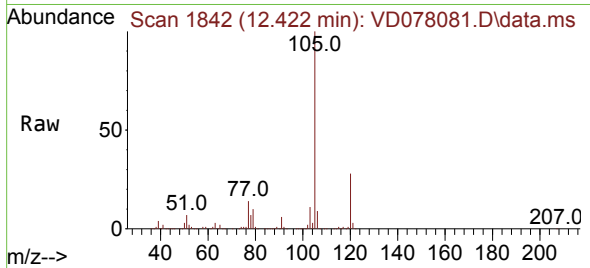




#73
Isopropylbenzene
Concen: 157.393 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

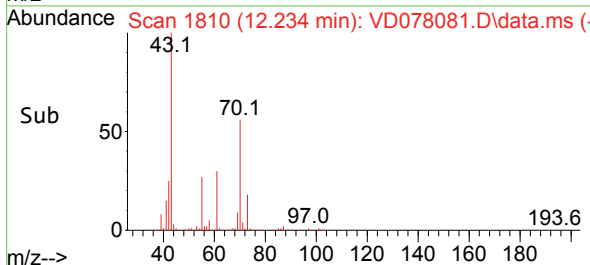
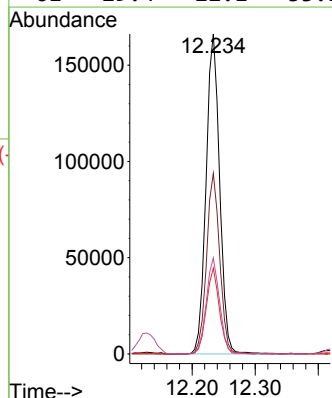
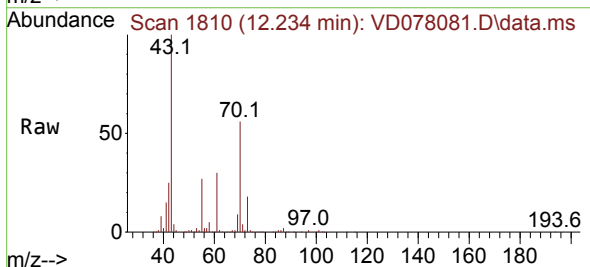
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

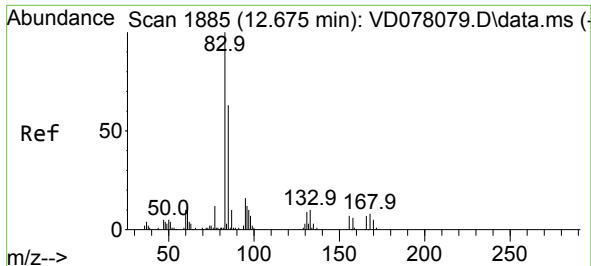
Tgt Ion:105 Resp: 1610552
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 146.523 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 43 Resp: 248901
Ion Ratio Lower Upper
43 100
70 54.6 45.0 67.4
55 26.1 23.8 35.6
61 29.4 22.1 33.1

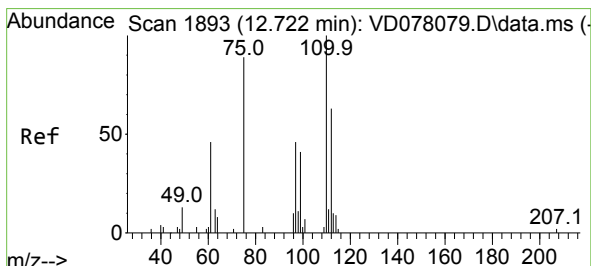
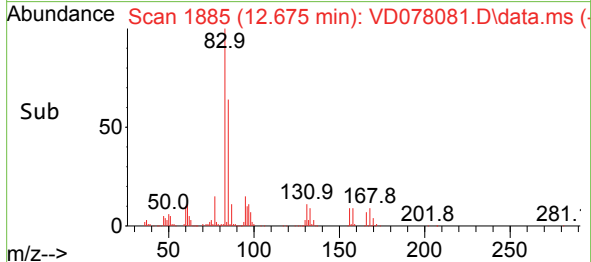
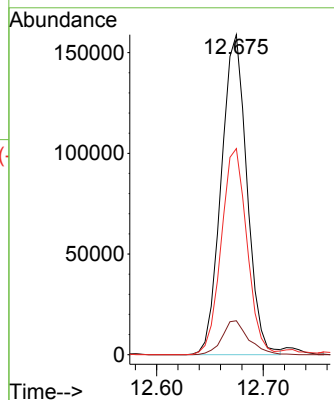
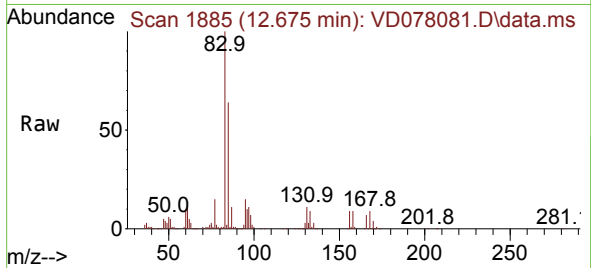




#75
 1,1,2,2-Tetrachloroethane
 Concen: 142.732 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078081.D
 Acq: 26 Dec 2023 13:50

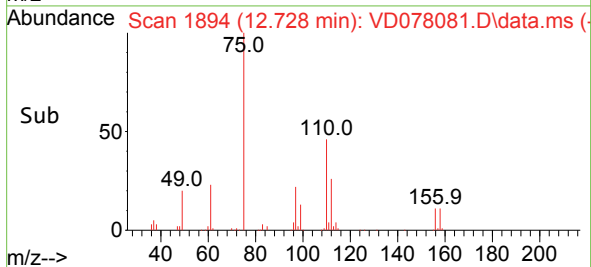
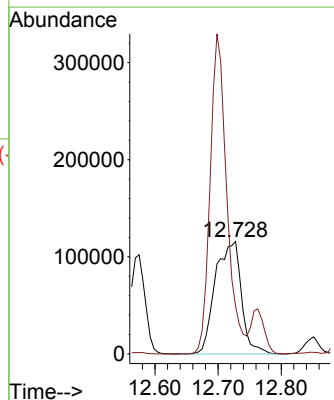
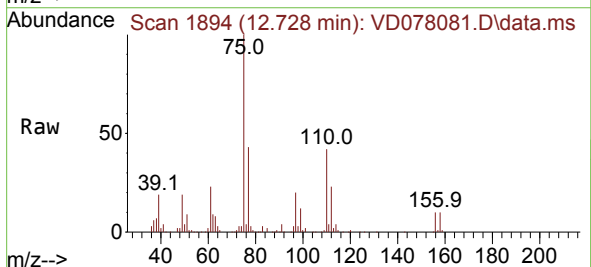
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

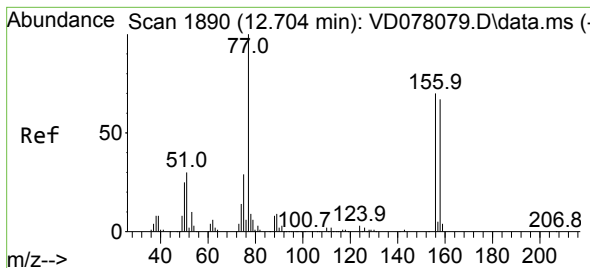
Tgt Ion: 83 Resp: 265444
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.3
 85 64.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 276.986 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD078081.D
 Acq: 26 Dec 2023 13:50

Tgt Ion: 75 Resp: 332438
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 154.980 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

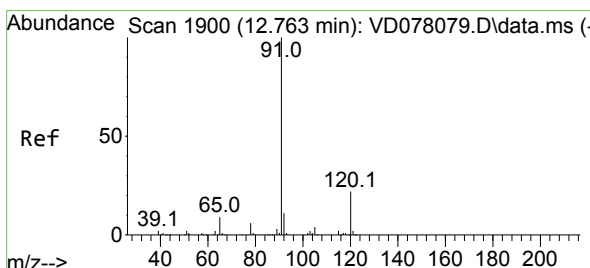
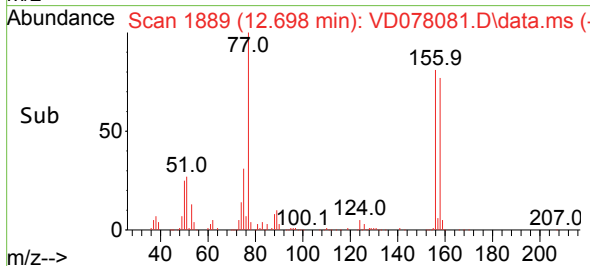
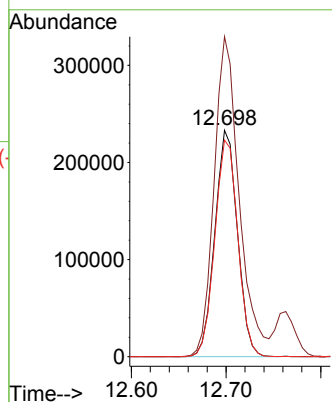
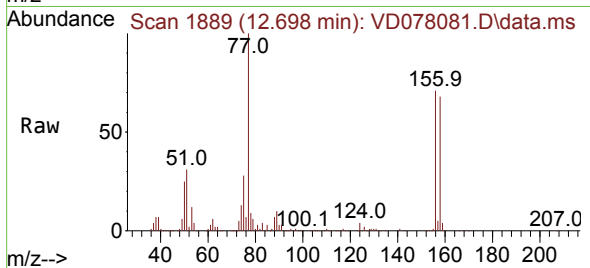
Tgt Ion:156 Resp: 385793

Ion Ratio Lower Upper

156 100

77 157.3 76.8 230.4

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 151.855 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078081.D

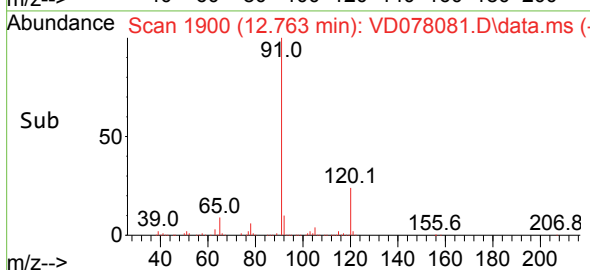
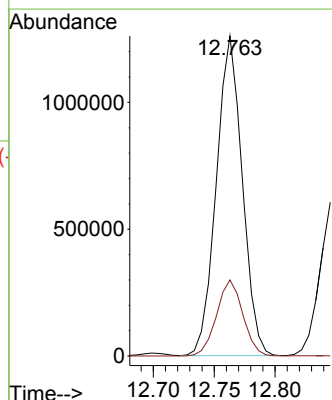
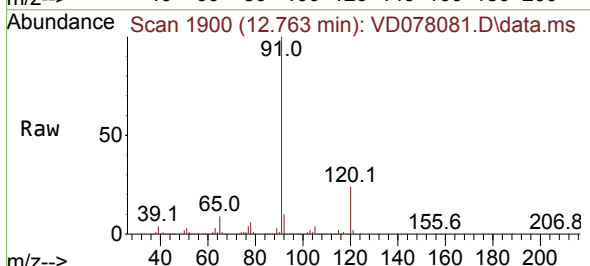
Acq: 26 Dec 2023 13:50

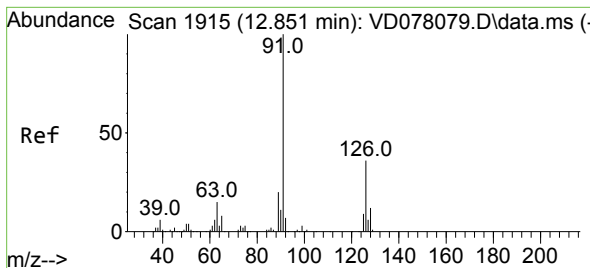
Tgt Ion: 91 Resp: 1870411

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 150.764 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

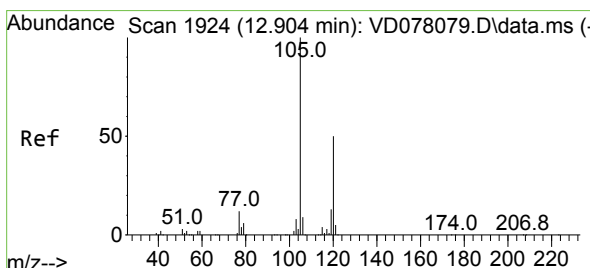
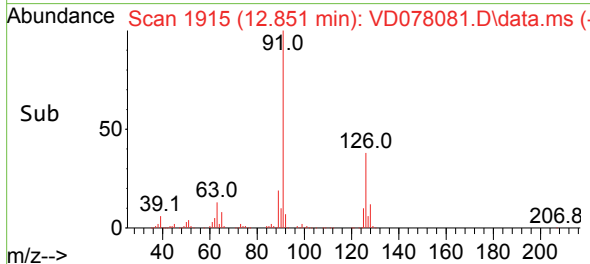
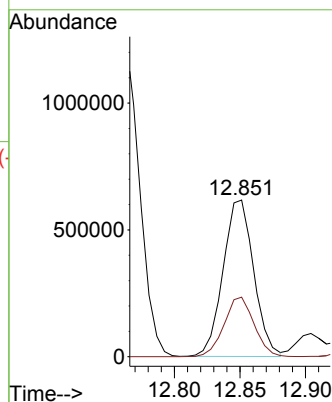
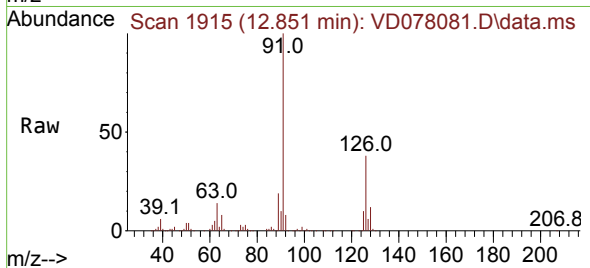
VSTDICC150

Tgt Ion: 91 Resp: 1004409

Ion Ratio Lower Upper

91 100

126 37.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 154.804 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078081.D

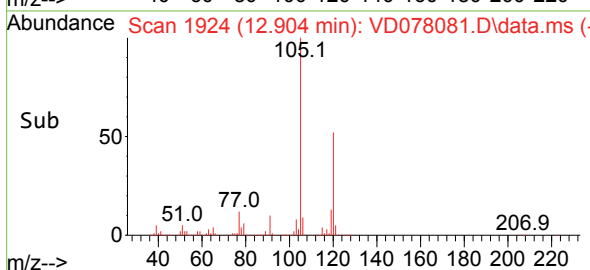
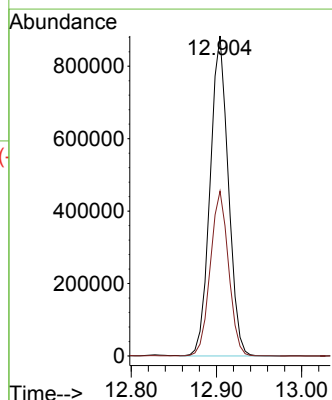
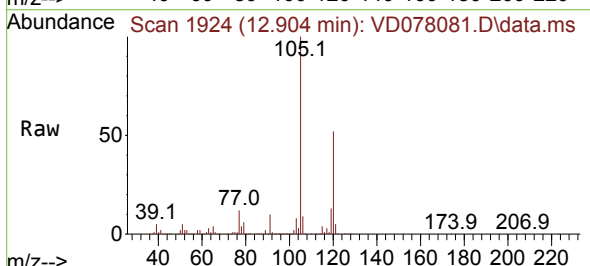
Acq: 26 Dec 2023 13:50

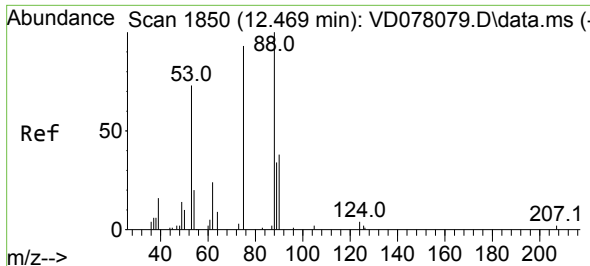
Tgt Ion:105 Resp: 1310188

Ion Ratio Lower Upper

105 100

120 51.6 26.4 79.2

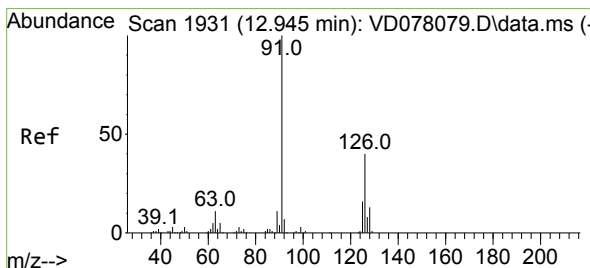
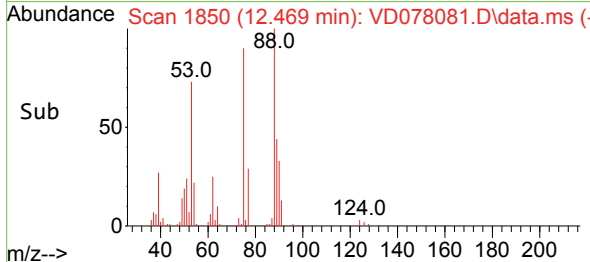
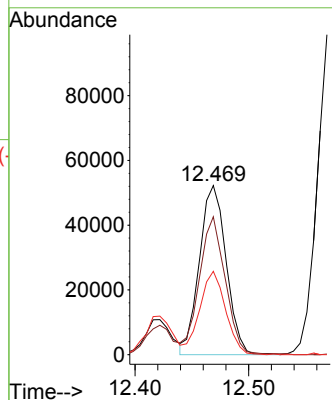
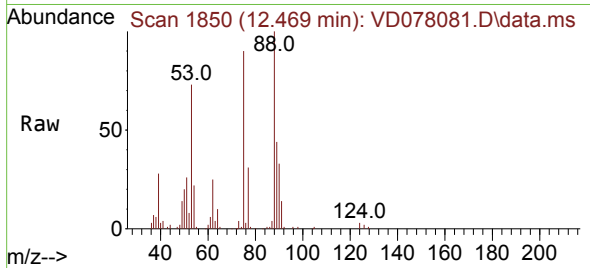




#81
trans-1,4-Dichloro-2-butene
Concen: 147.008 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

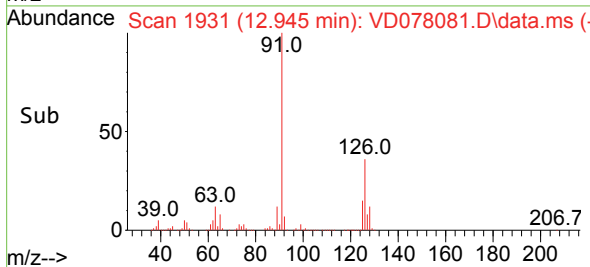
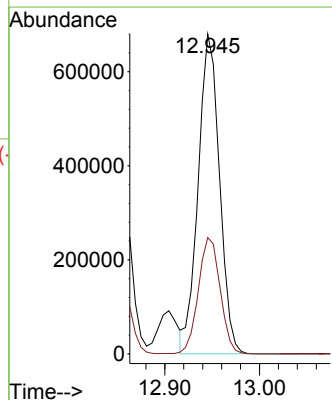
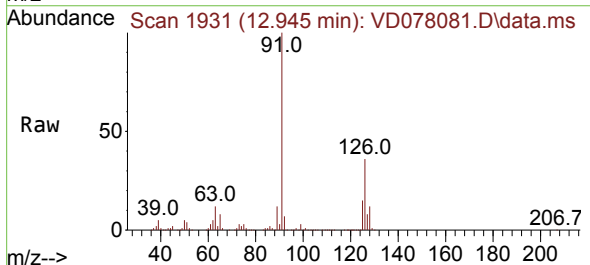
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

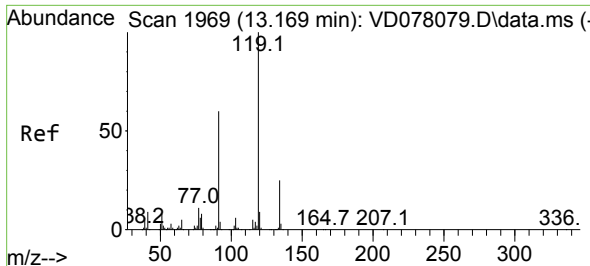
Tgt Ion: 75 Resp: 85513
Ion Ratio Lower Upper
75 100
53 79.3 63.0 94.4
89 47.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 149.131 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion: 91 Resp: 1065203
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4

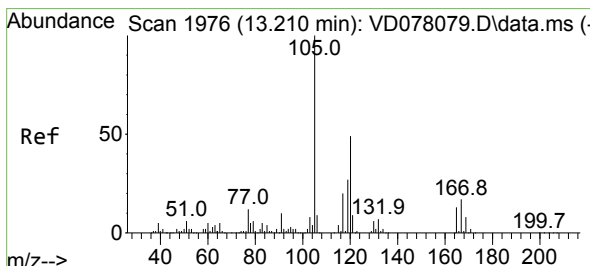
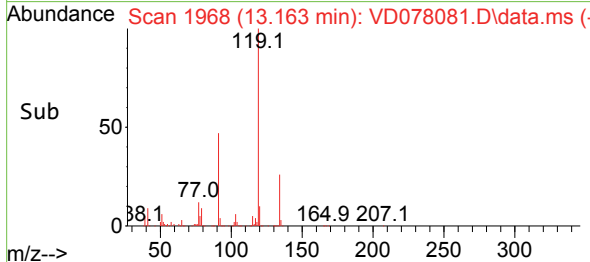
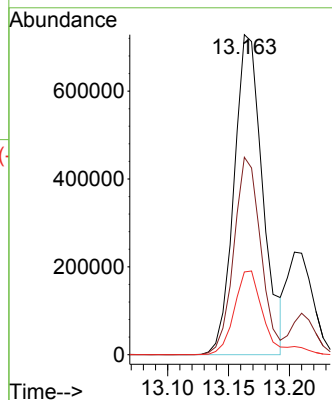
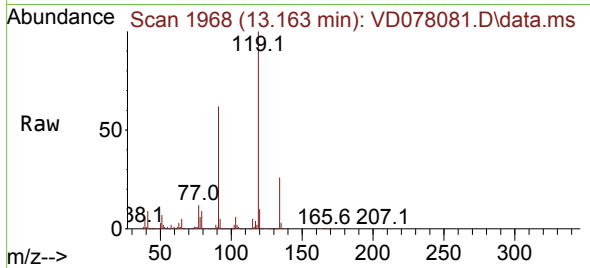




#83
tert-Butylbenzene
Concen: 157.257 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

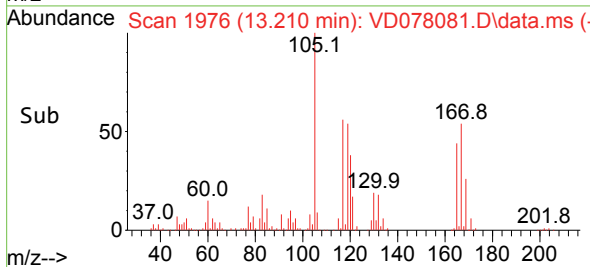
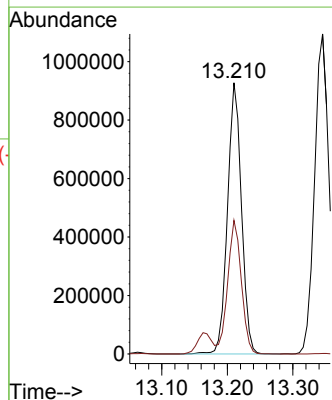
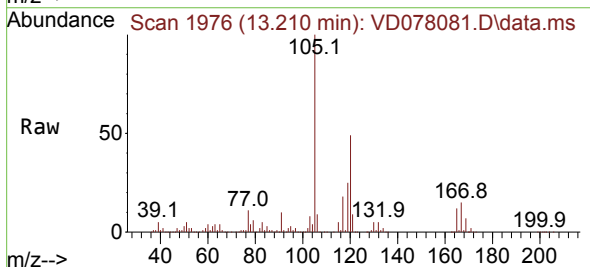
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

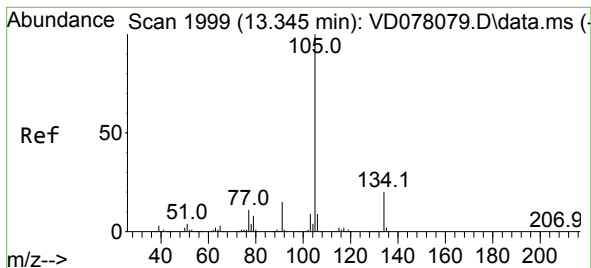
Tgt Ion:119 Resp: 1192247
Ion Ratio Lower Upper
119 100
91 58.2 29.3 87.8
134 27.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 158.725 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion:105 Resp: 1368327
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 154.331 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

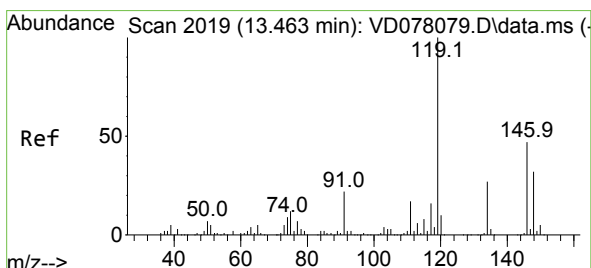
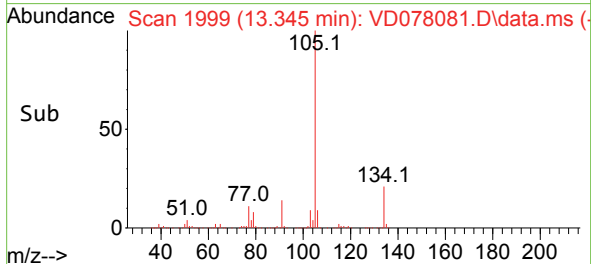
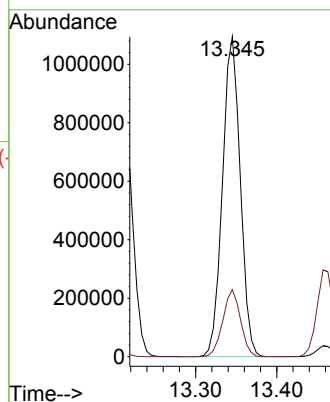
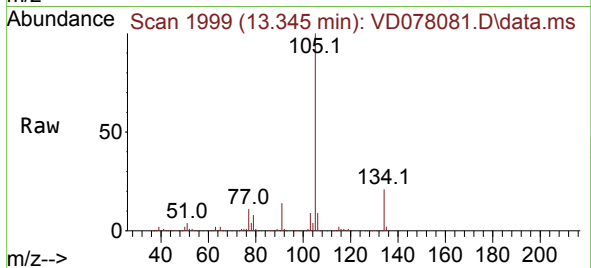
VSTDIC150

Tgt Ion:105 Resp: 1670496

Ion Ratio Lower Upper

105 100

134 20.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 165.263 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

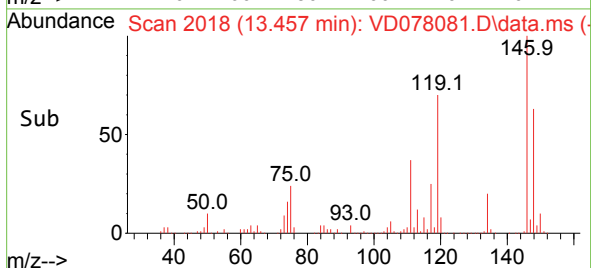
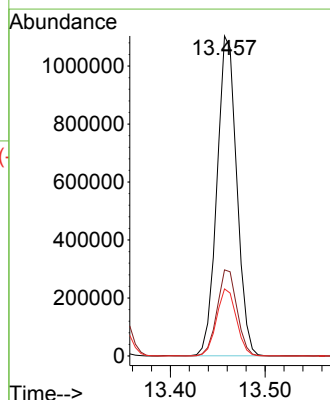
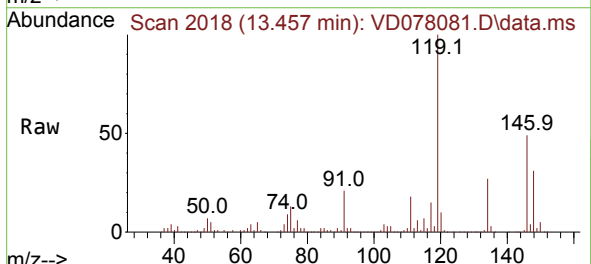
Tgt Ion:119 Resp: 1600855

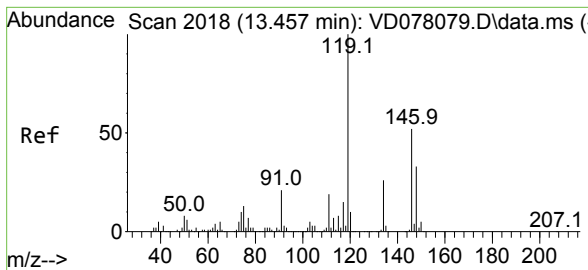
Ion Ratio Lower Upper

119 100

134 27.1 14.2 42.6

91 21.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 161.761 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

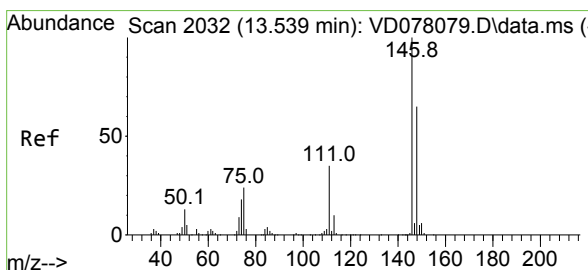
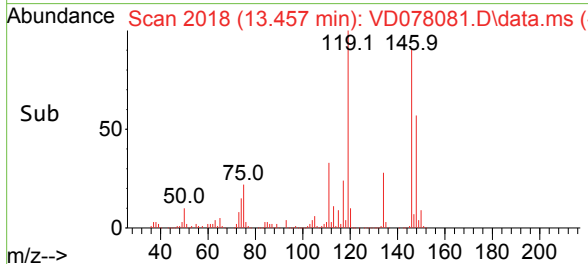
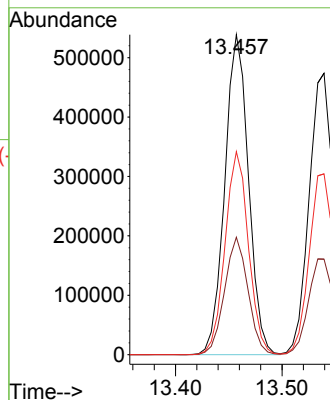
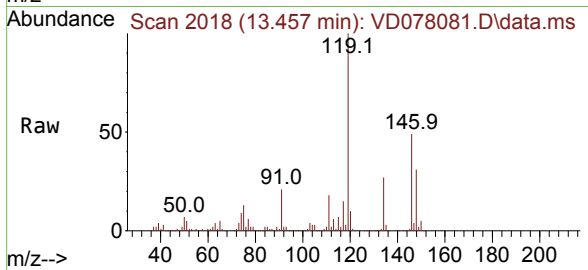
Tgt Ion:146 Resp: 833135

Ion Ratio Lower Upper

146 100

111 36.3 17.9 53.8

148 62.7 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 150.315 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

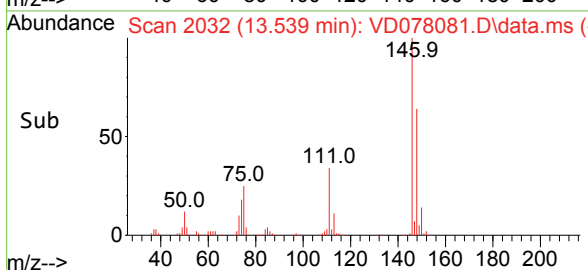
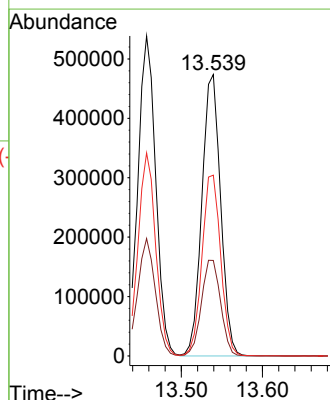
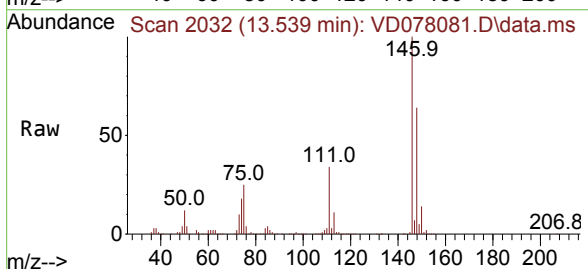
Tgt Ion:146 Resp: 759293

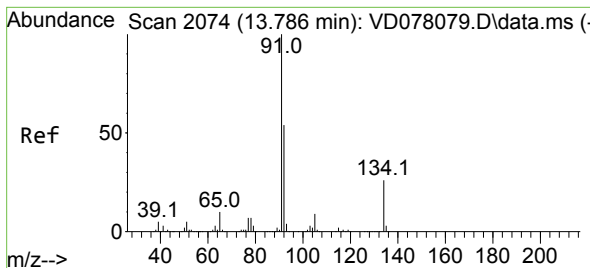
Ion Ratio Lower Upper

146 100

111 34.8 17.4 52.3

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 154.131 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

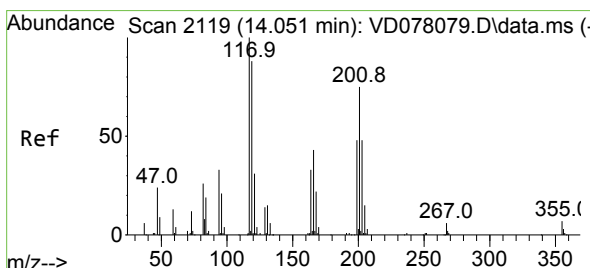
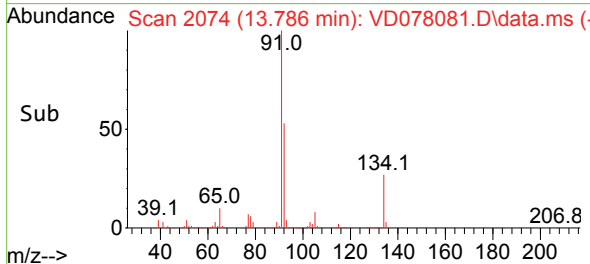
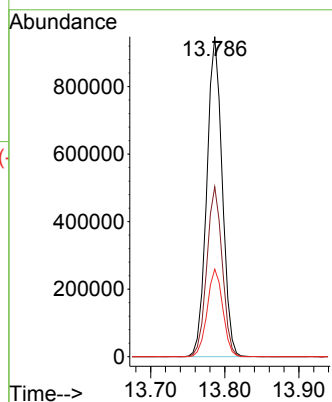
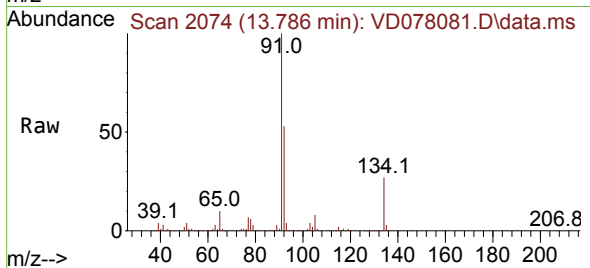
Tgt Ion: 91 Resp: 1370423

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 27.7 13.8 41.3



#90

Hexachloroethane

Concen: 150.584 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078081.D

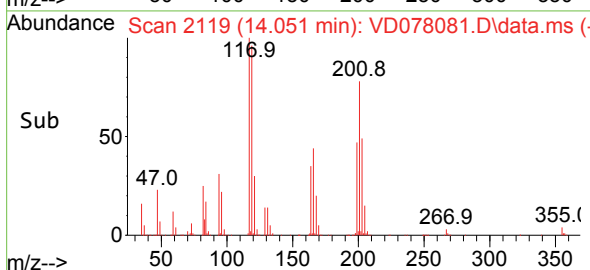
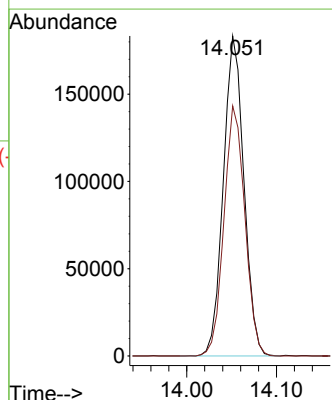
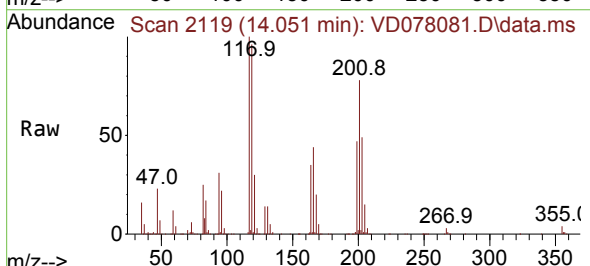
Acq: 26 Dec 2023 13:50

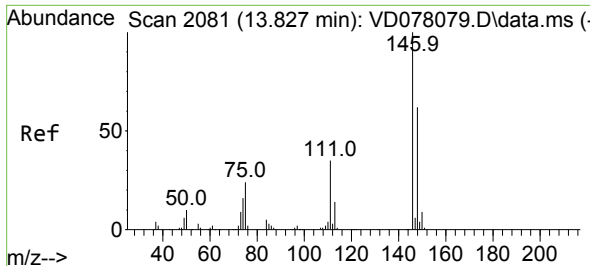
Tgt Ion: 117 Resp: 291613

Ion Ratio Lower Upper

117 100

201 79.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 150.987 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

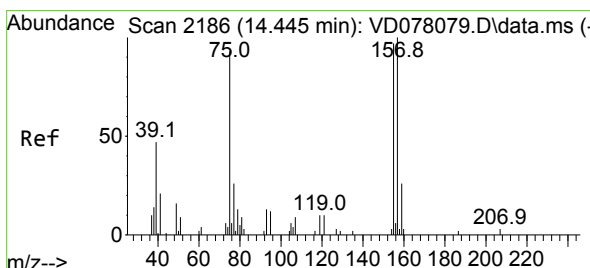
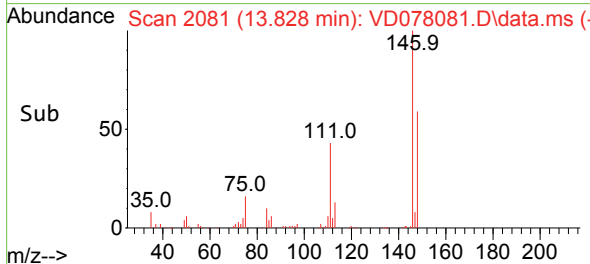
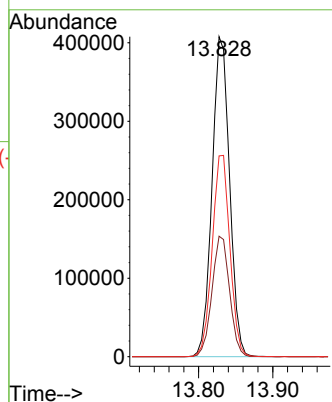
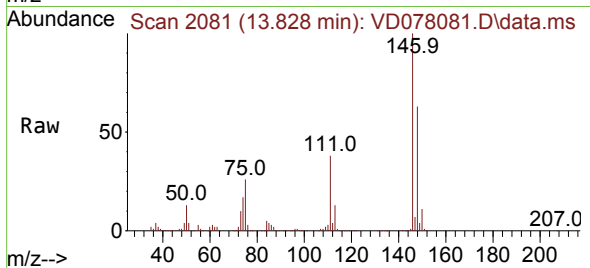
Tgt Ion:146 Resp: 667846

Ion Ratio Lower Upper

146 100

111 37.9 18.3 54.8

148 63.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 144.835 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

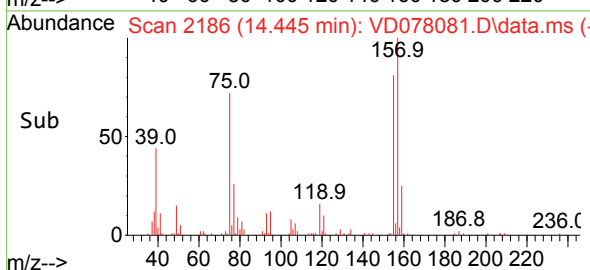
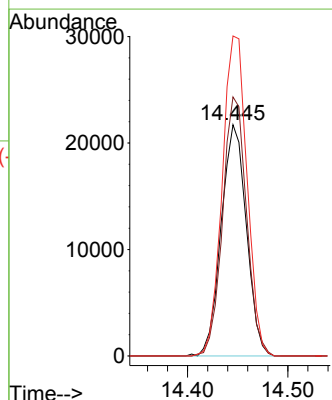
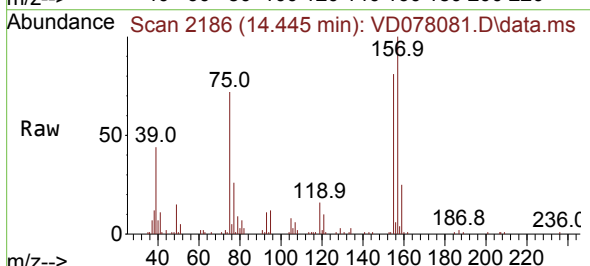
Tgt Ion: 75 Resp: 37725

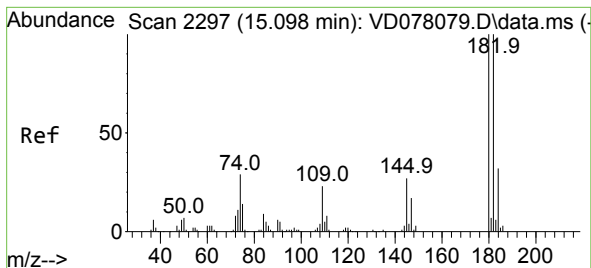
Ion Ratio Lower Upper

75 100

155 106.7 47.9 143.8

157 136.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 157.305 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

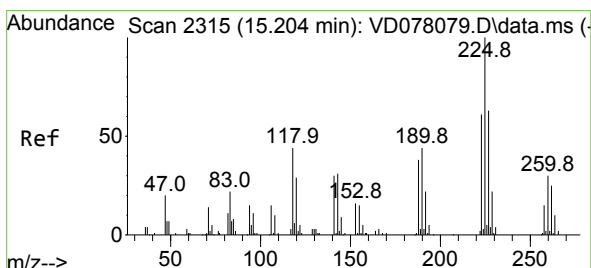
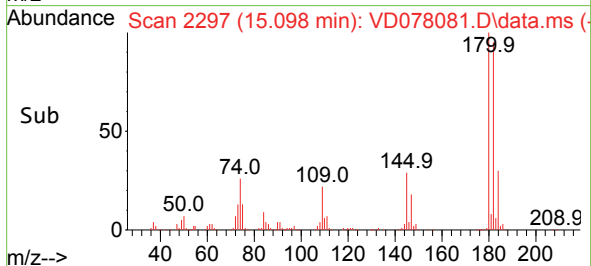
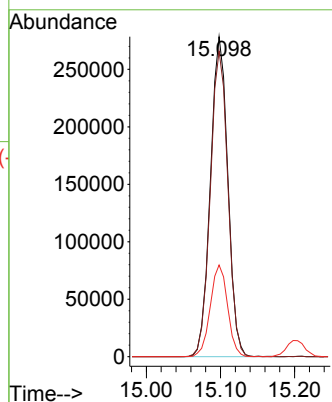
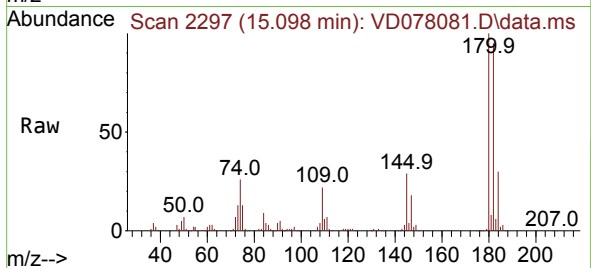
Tgt Ion:180 Resp: 454271

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.6

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 158.214 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078081.D

Acq: 26 Dec 2023 13:50

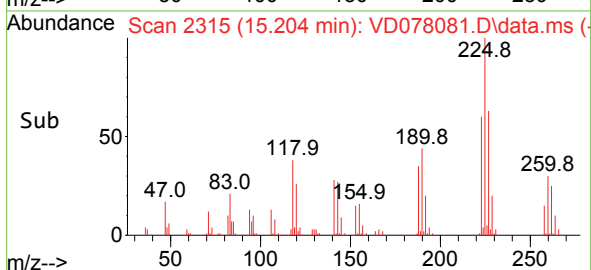
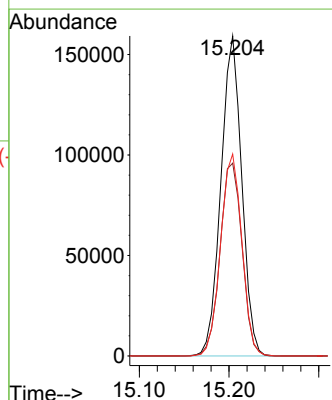
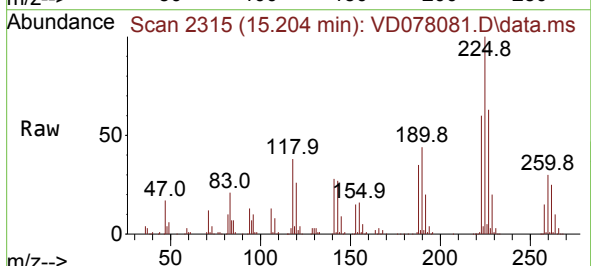
Tgt Ion:225 Resp: 256700

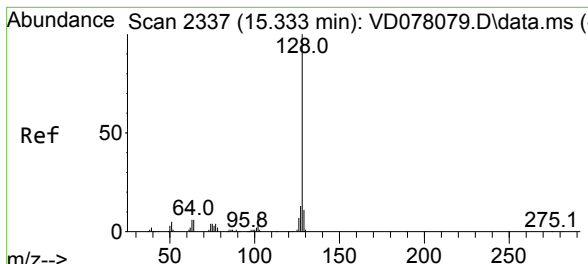
Ion Ratio Lower Upper

225 100

223 63.4 31.6 94.8

227 64.6 31.7 95.1

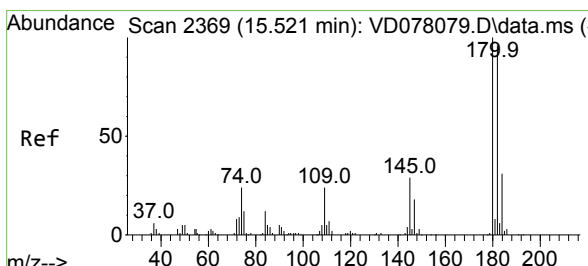
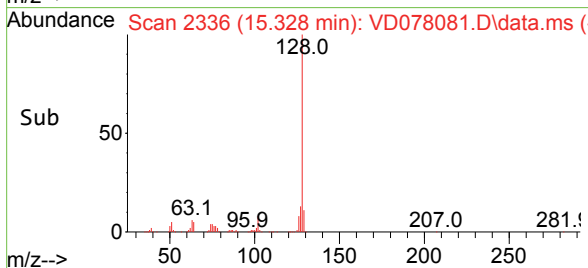
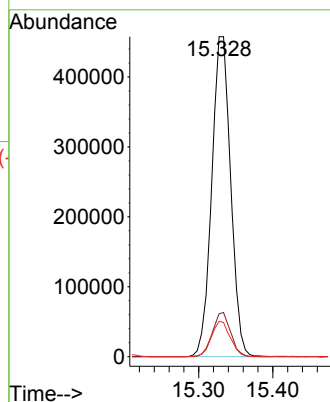
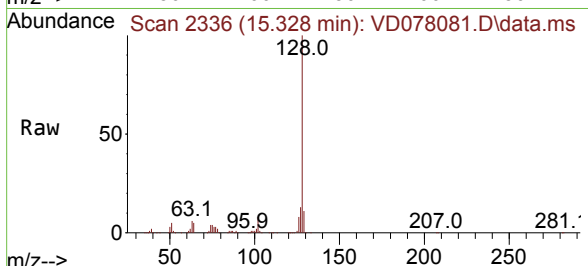




#95
Naphthalene
Concen: 165.034 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 811356
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 159.569 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078081.D
Acq: 26 Dec 2023 13:50

Tgt Ion:180 Resp: 390998
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.9
145 30.2 15.1 45.3

