

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078002.D
 Acq On : 20 Dec 2023 18:10
 Operator : RP/MD
 Sample : 05796-05MS
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 05:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	73802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	146251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	90696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	21150	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56731	65.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.460%	
35) Dibromofluoromethane	7.804	113	60431	58.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.980%	
50) Toluene-d8	10.269	98	161677	39.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.800%	
62) 4-Bromofluorobenzene	12.575	95	30961	25.239	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 50.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	47218	51.218	ug/l	97
3) Chloromethane	2.152	50	83400	66.368	ug/l	96
4) Vinyl Chloride	2.287	62	121150	71.017	ug/l	99
5) Bromomethane	2.699	94	88956	92.929	ug/l	99
6) Chloroethane	2.840	64	90477	77.793	ug/l	97
7) Trichlorofluoromethane	3.181	101	86118	54.812	ug/l	97
8) Diethyl Ether	3.593	74	30533	69.207	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.969	101	34611	38.506	ug/l	99
10) Methyl Iodide	4.169	142	63871	76.888	ug/l	93
11) Tert butyl alcohol	5.052	59	14034	339.128	ug/l #	90
12) 1,1-Dichloroethene	3.952	96	54403	61.325	ug/l	92
13) Acrolein	3.805	56	11362	123.509	ug/l	99
14) Allyl chloride	4.563	41	74325	60.917	ug/l	92
15) Acrylonitrile	5.252	53	64329	340.553	ug/l	95
16) Acetone	4.022	43	70167	391.147	ug/l	89
17) Carbon Disulfide	4.275	76	156545	52.159	ug/l	98
18) Methyl Acetate	4.563	43	57365	83.757	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	137355	72.977	ug/l	99
20) Methylene Chloride	4.805	84	81500	82.259	ug/l	90
21) trans-1,2-Dichloroethene	5.322	96	65285	64.972	ug/l #	83
22) Diisopropyl ether	6.222	45	180979	70.981	ug/l	96
23) Vinyl Acetate	6.152	43	261743	210.217	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	124241	71.955	ug/l	98
25) 2-Butanone	7.087	43	82776	352.419	ug/l	89
26) 2,2-Dichloropropane	7.081	77	85585	59.037	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	79286	73.331	ug/l	92
28) Bromochloromethane	7.434	49	51153	73.316	ug/l #	79
29) Tetrahydrofuran	7.446	42	44976	324.775	ug/l	92
30) Chloroform	7.599	83	126241	73.053	ug/l	99
31) Cyclohexane	7.881	56	35490	22.944	ug/l	88
32) 1,1,1-Trichloroethane	7.799	97	85483	56.114	ug/l	99
36) 1,1-Dichloropropene	8.016	75	66777	40.751	ug/l	94
37) Ethyl Acetate	7.175	43	30958	48.452	ug/l	97
38) Carbon Tetrachloride	7.993	117	62542	38.284	ug/l	96
39) Methylcyclohexane	9.275	83	26997	13.897	ug/l	95
40) Benzene	8.252	78	249829	53.717	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20205	62.217	ug/l	91
42) 1,2-Dichloroethane	8.328	62	74315	61.644	ug/l	94
43) Isopropyl Acetate	8.357	43	63546	55.948	ug/l	93
44) Trichloroethene	9.028	130	54097	44.635	ug/l	98
45) 1,2-Dichloropropane	9.304	63	65177	57.648	ug/l	95
46) Dibromomethane	9.393	93	36376	60.808	ug/l	94
47) Bromodichloromethane	9.587	83	90292	59.549	ug/l	93
48) Methyl methacrylate	9.381	41	35529	55.029	ug/l	81
49) 1,4-Dioxane	9.381	88	7490	1260.922	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	161762	279.059	ug/l	92
52) Toluene	10.334	92	116851	40.504	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	79940	54.901	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	100915	57.323	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	48820	59.663	ug/l #	89
56) Ethyl methacrylate	10.598	69	41842	58.007	ug/l	90
57) 1,3-Dichloropropane	10.881	76	81294	57.636	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	92133	223.974	ug/l	94
59) 2-Hexanone	10.922	43	111442	231.726	ug/l	93
60) Dibromochloromethane	11.075	129	55987	56.830	ug/l	98
61) 1,2-Dibromoethane	11.181	107	44168	57.342	ug/l	99
64) Tetrachloroethene	10.810	164	23988	35.985	ug/l	94
65) Chlorobenzene	11.610	112	104764	48.963	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	45745	60.654	ug/l	96
67) Ethyl Benzene	11.681	91	136615	36.180	ug/l	97
68) m/p-Xylenes	11.793	106	97770	67.693	ug/l	92
69) o-Xylene	12.122	106	45439	34.136	ug/l	87
70) Styrene	12.134	104	82884	41.875	ug/l	97
71) Bromoform	12.298	173	26767	67.924	ug/l #	100
73) Isopropylbenzene	12.422	105	80891	50.463	ug/l	96
74) N-amyl acetate	12.234	43	37108	117.766	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	46478	166.290	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	52206	284.209	ug/l #	100
77) Bromobenzene	12.698	156	31837	84.439	ug/l	80
78) n-propylbenzene	12.763	91	83826	42.915	ug/l	96
79) 2-Chlorotoluene	12.845	91	57397	54.832	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	51020	38.162	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	14619	161.246	ug/l	90
82) 4-Chlorotoluene	12.951	91	62204	56.842	ug/l	92
83) tert-Butylbenzene	13.169	119	37787	33.479	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	51743	38.695	ug/l	96
85) sec-Butylbenzene	13.345	105	49101	29.430	ug/l	97
86) p-Isopropyltoluene	13.463	119	40773	27.296	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	33530	43.486	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	35315	45.750	ug/l	94
89) n-Butylbenzene	13.787	91	33996	24.187	ug/l	97
90) Hexachloroethane	14.057	117	8239	29.992	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	30583	46.638	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4526	113.022	ug/l	97
93) 1,2,4-Trichlorobenzene	15.092	180	7020	15.672	ug/l	87
94) Hexachlorobutadiene	15.210	225	2549	10.553	ug/l	89
95) Naphthalene	15.328	128	24498	32.918	ug/l	95
96) 1,2,3-Trichlorobenzene	15.516	180	5326	14.423	ug/l	96

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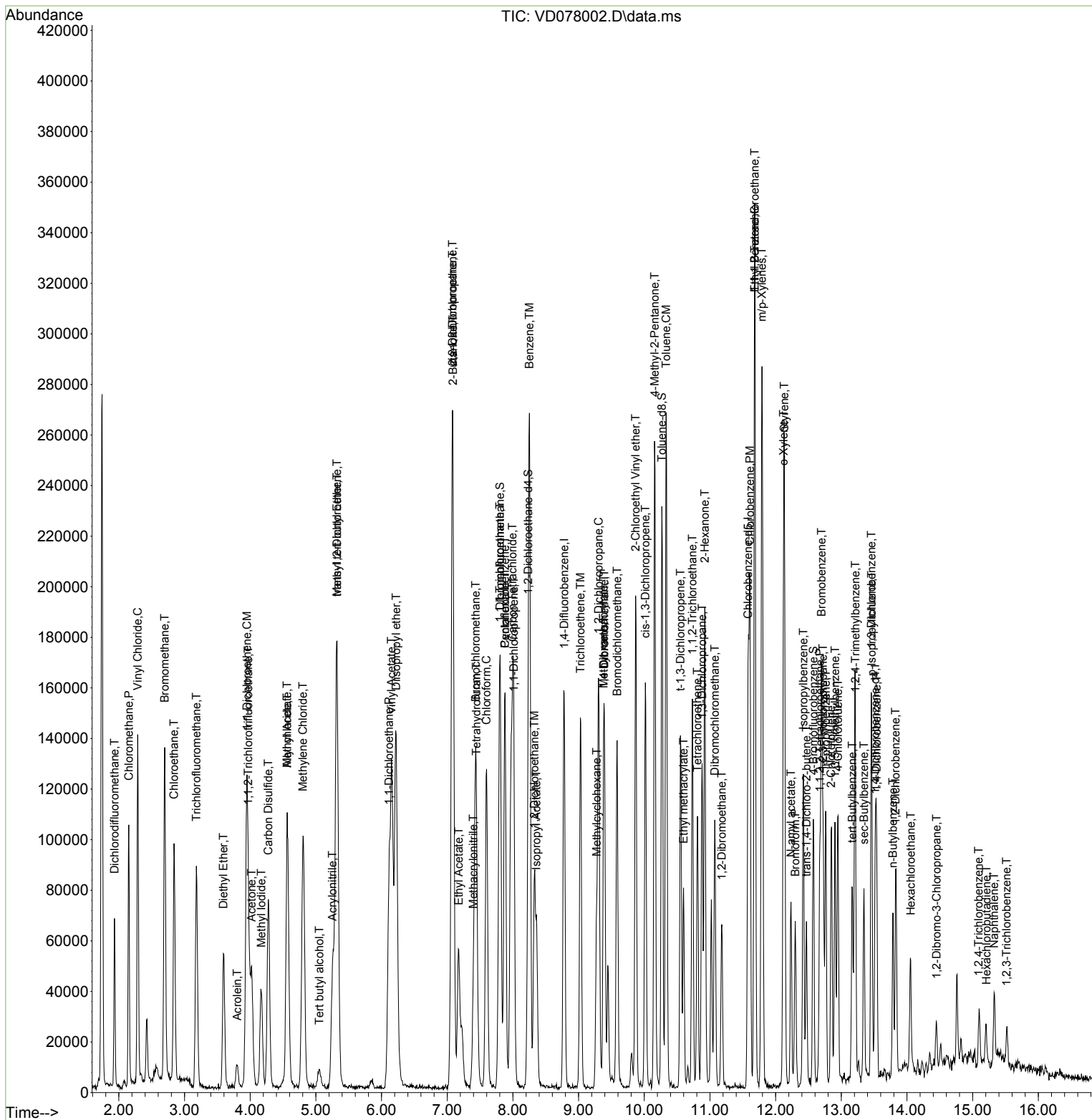
Instrument :
MSVOA_D
ClientSampleId :

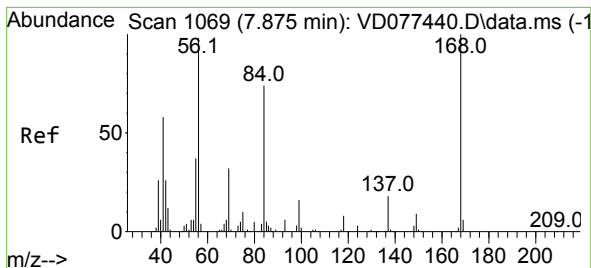
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078002.D

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Instrument :

MSVOA_D

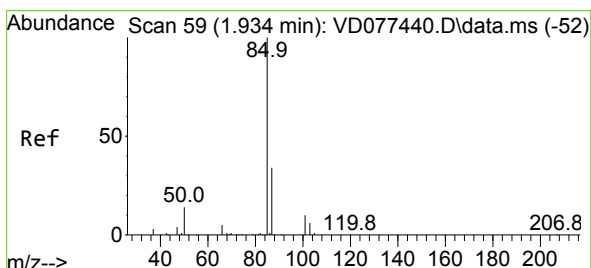
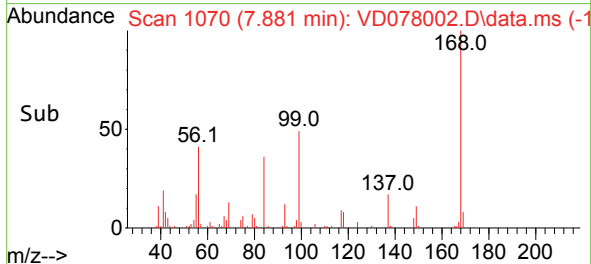
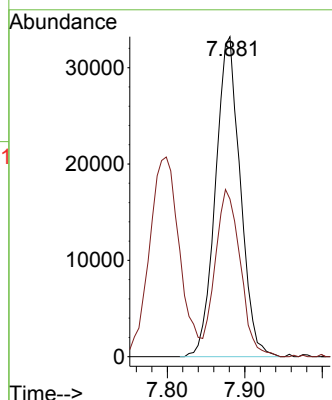
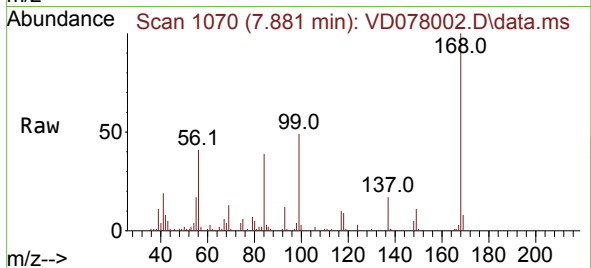
ClientSampleId :

Tgt Ion:168 Resp: 73802

Ion Ratio Lower Upper

168 100

99 49.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 51.218 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078002.D

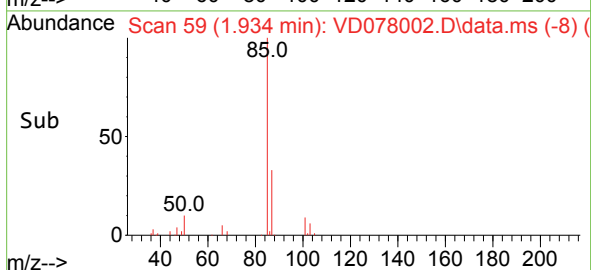
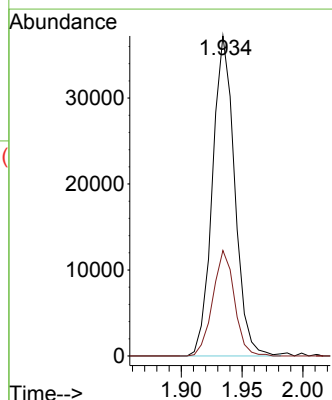
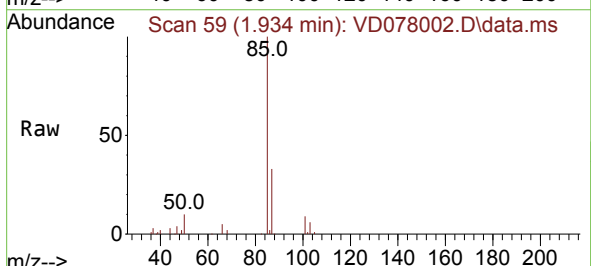
Acq: 20 Dec 2023 18:10

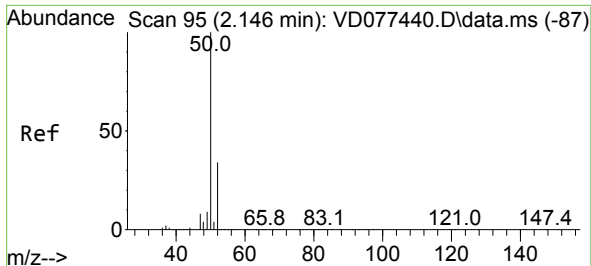
Tgt Ion: 85 Resp: 47218

Ion Ratio Lower Upper

85 100

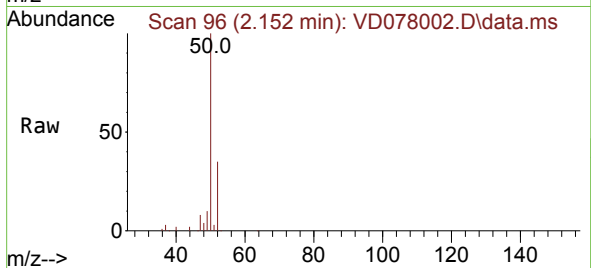
87 32.9 15.7 47.0



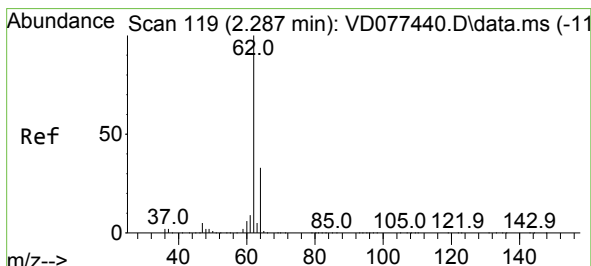
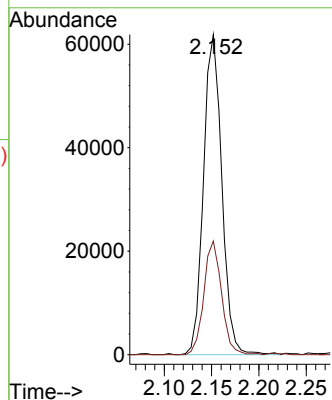
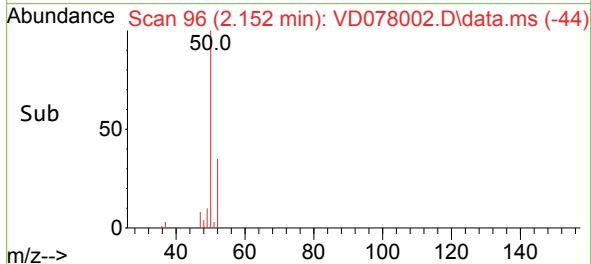


#3
Chloromethane
Concen: 66.368 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

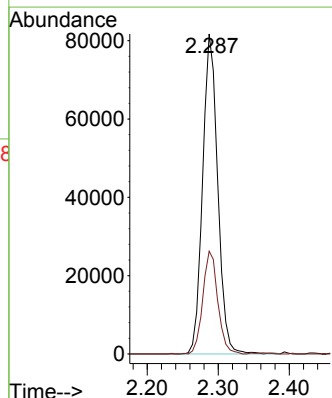
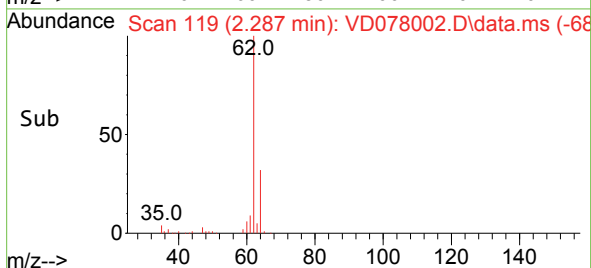
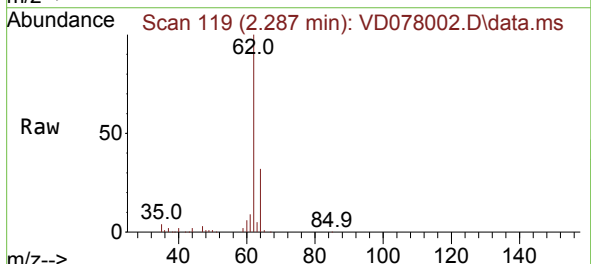


Tgt Ion: 50 Resp: 83400
Ion Ratio Lower Upper
50 100
52 35.5 26.6 40.0



#4
Vinyl Chloride
Concen: 71.017 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 62 Resp: 121150
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

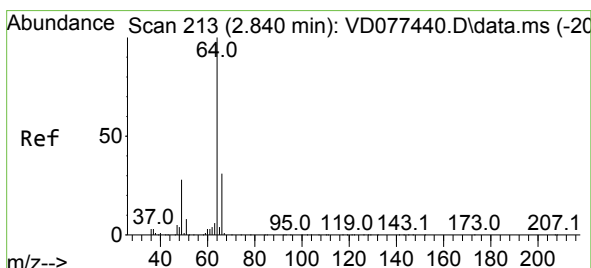
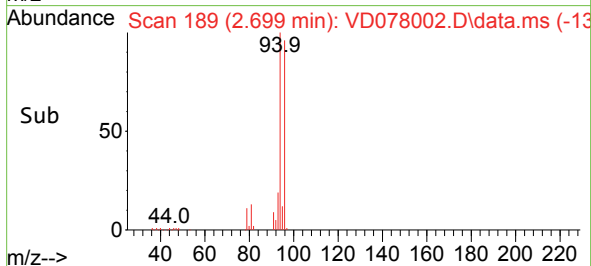
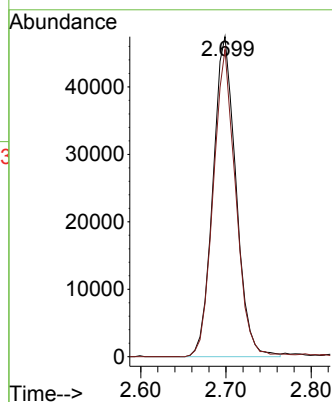
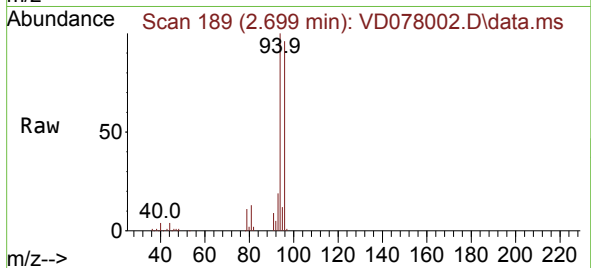




#5
Bromomethane
Concen: 92.929 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

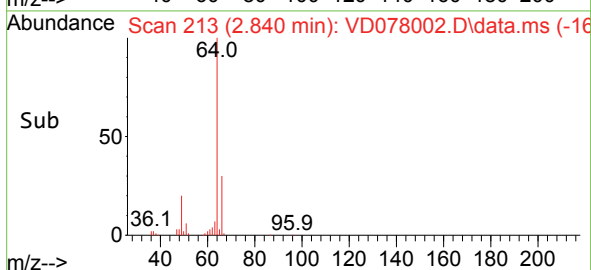
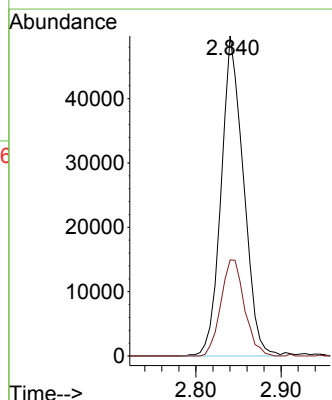
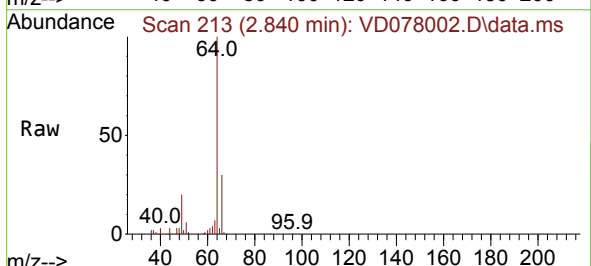
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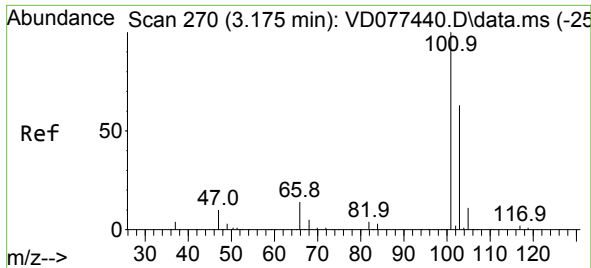
Tgt Ion: 94 Resp: 88956
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8



#6
Chloroethane
Concen: 77.793 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 64 Resp: 90477
Ion Ratio Lower Upper
64 100
66 30.0 25.5 38.3

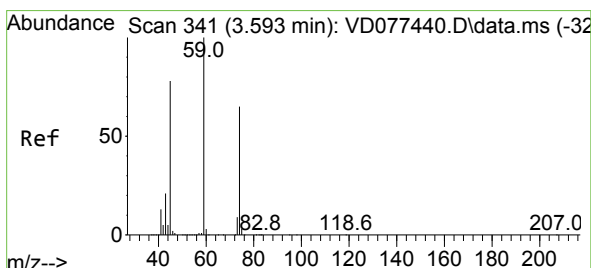
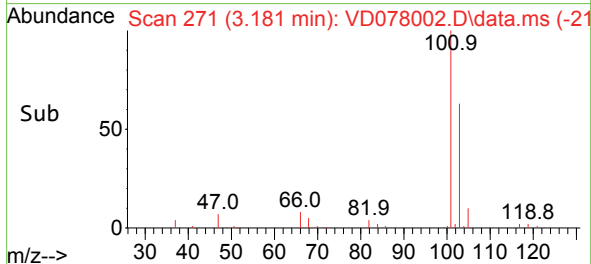
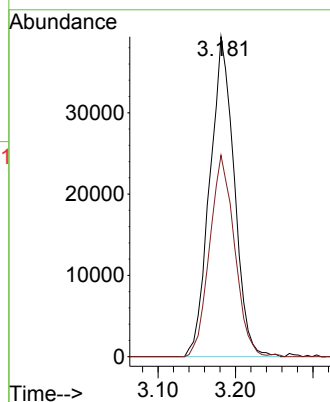
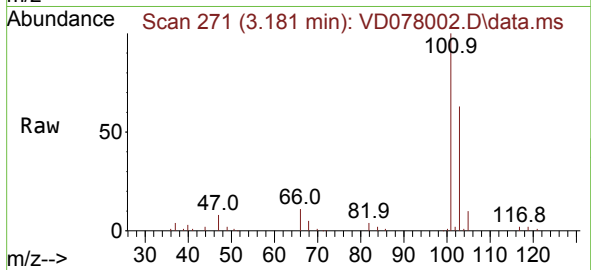




#7
 Trichlorofluoromethane
 Concen: 54.812 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

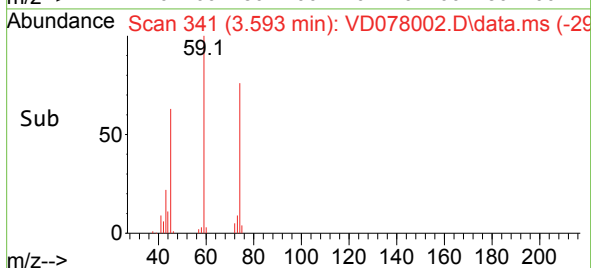
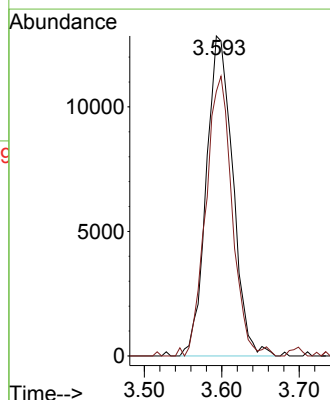
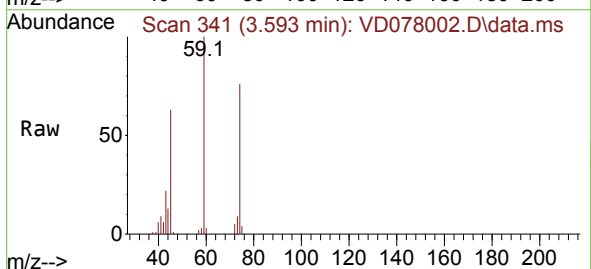
Instrument :
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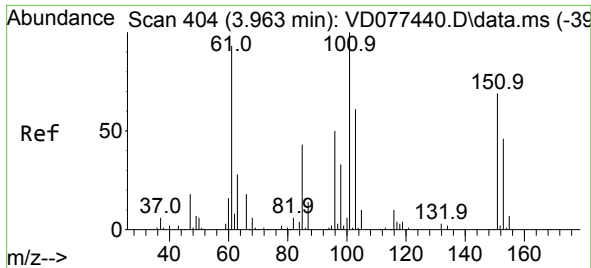
Tgt Ion:101 Resp: 86118
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 69.207 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

Tgt Ion: 74 Resp: 30533
 Ion Ratio Lower Upper
 74 100
 45 87.1 37.5 112.7

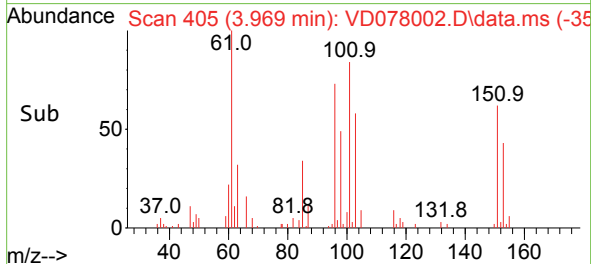
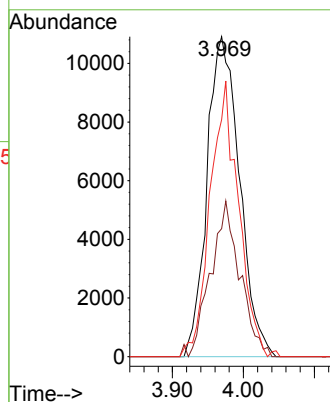
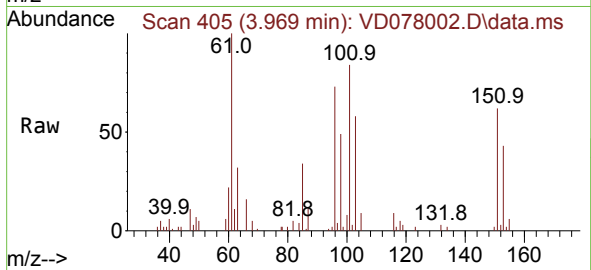




#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.506 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078002.D
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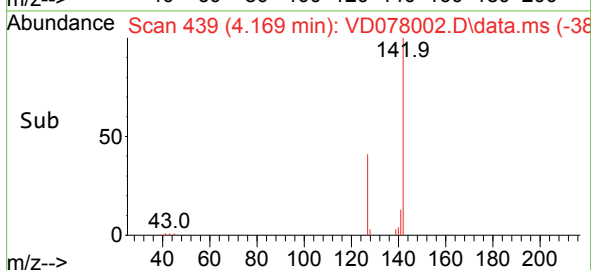
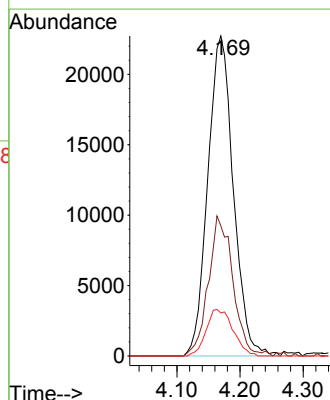
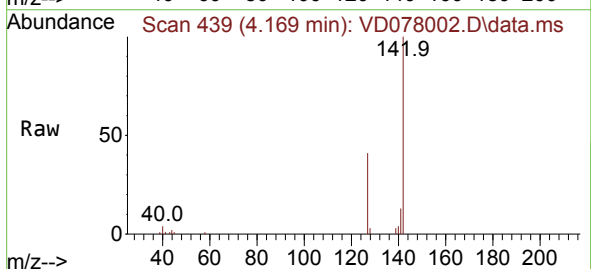
Instrument :
MSVOA_D
ClientSampleId :

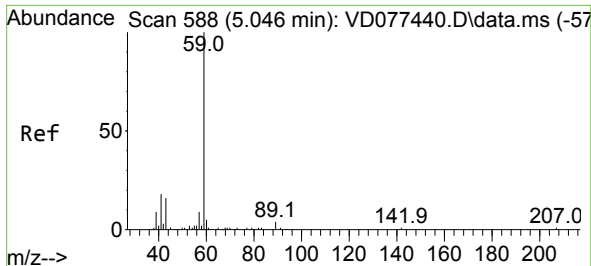
Tgt Ion:101 Resp: 34611
Ion Ratio Lower Upper
101 100
85 44.2 33.8 50.6
151 75.1 59.8 89.6



#10
Methyl Iodide
Concen: 76.888 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion:142 Resp: 63871
Ion Ratio Lower Upper
142 100
127 42.0 29.4 44.0
141 15.3 11.1 16.7

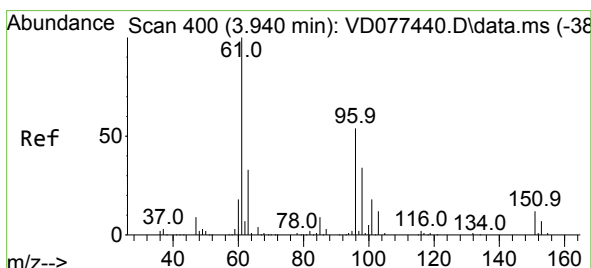
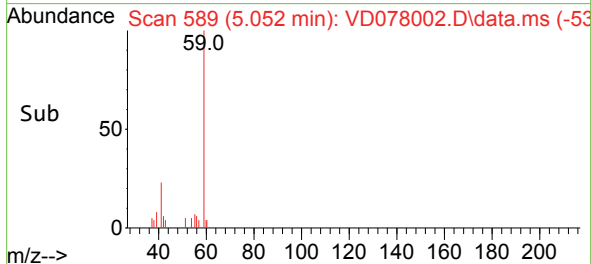
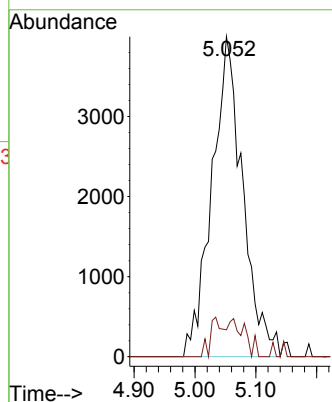
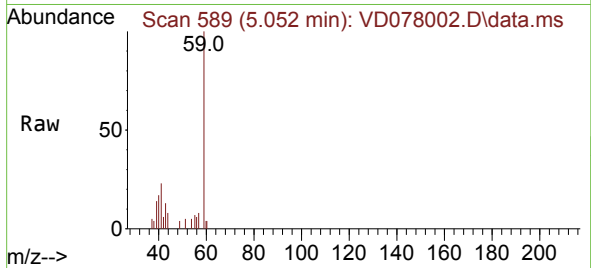




#11
Tert butyl alcohol
Concen: 339.128 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

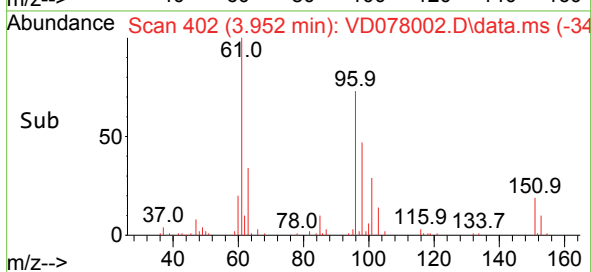
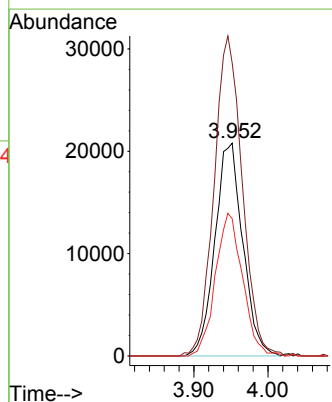
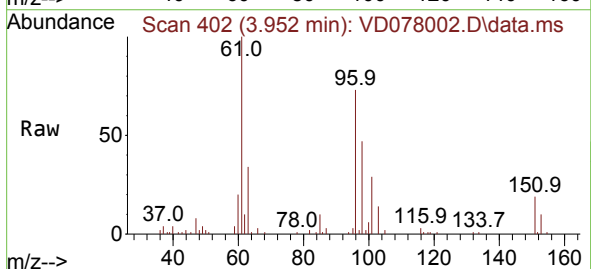
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 14034
Ion Ratio Lower Upper
59 100
57 6.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 61.325 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 96 Resp: 54403
Ion Ratio Lower Upper
96 100
61 137.6 100.6 150.8
98 64.5 50.2 75.2

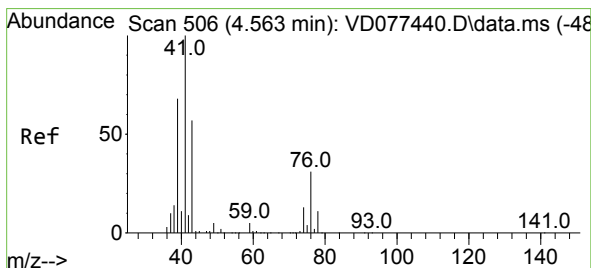
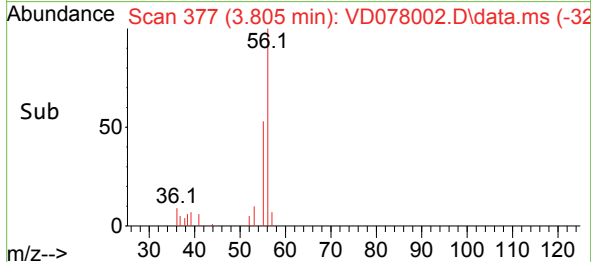
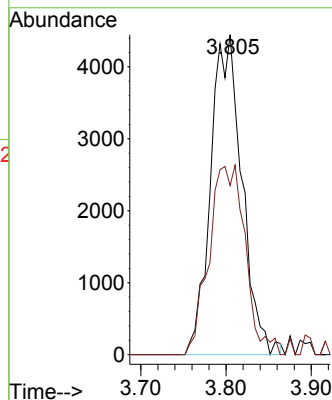
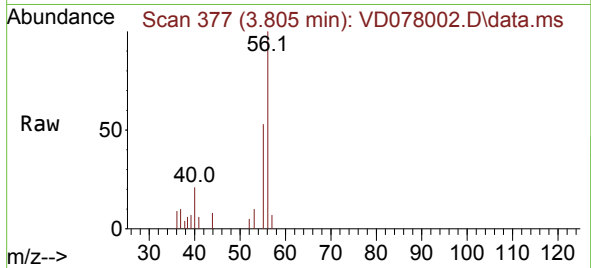




#13
Acrolein
Concen: 123.509 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

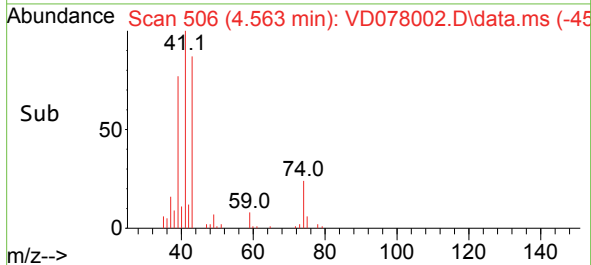
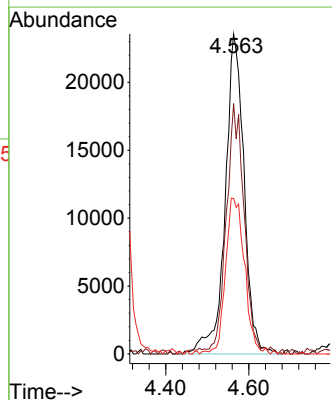
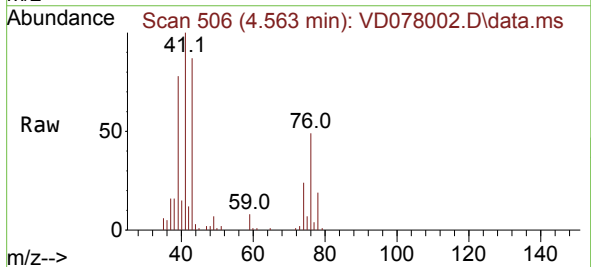
Instrument :
MSVOA_D
ClientSampleId :

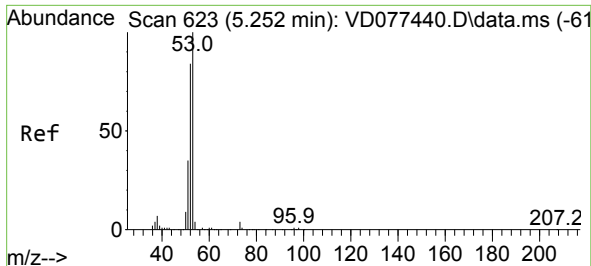
Tgt Ion: 56 Resp: 11362
Ion Ratio Lower Upper
56 100
55 68.3 55.1 82.7



#14
Allyl chloride
Concen: 60.917 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

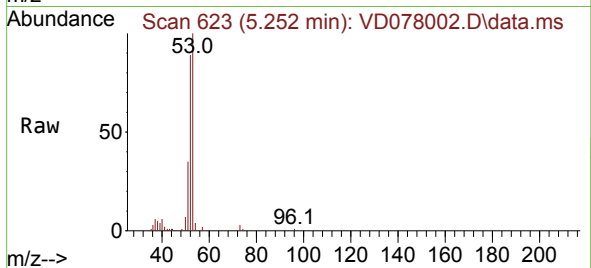
Tgt Ion: 41 Resp: 74325
Ion Ratio Lower Upper
41 100
39 71.1 53.8 80.6
76 49.1 45.8 68.8



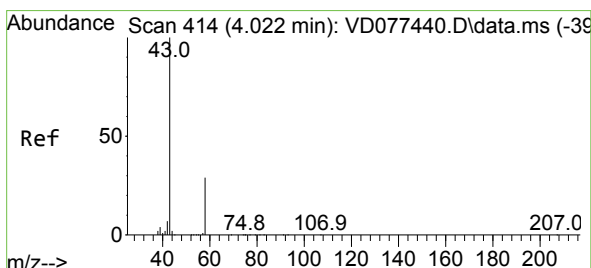
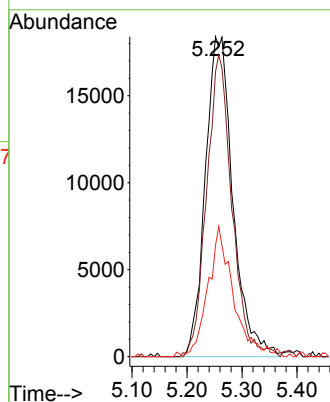
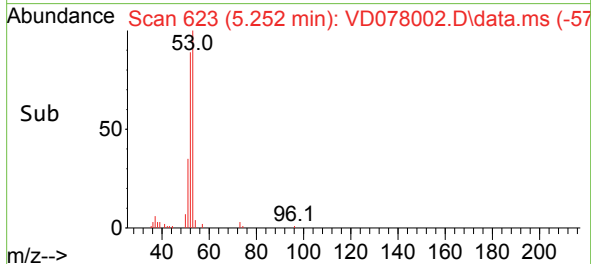


#15
Acrylonitrile
Concen: 340.553 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

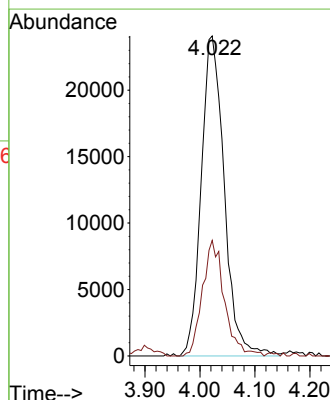
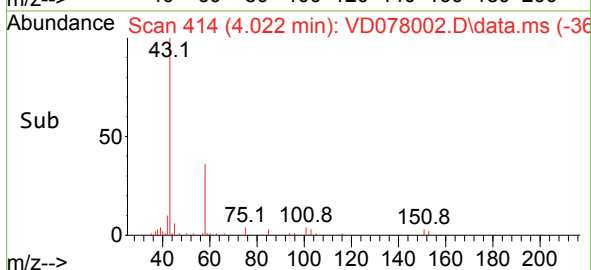
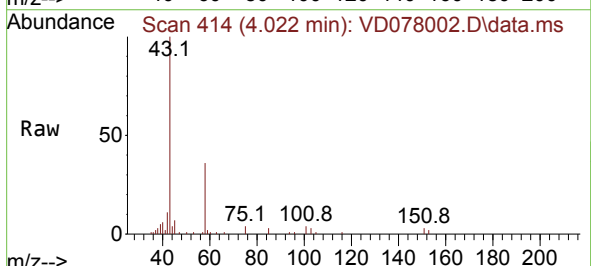


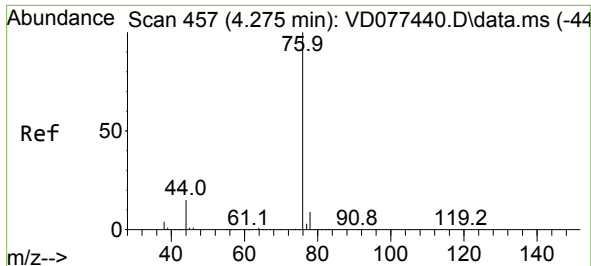
Tgt Ion: 53 Resp: 64329
Ion Ratio Lower Upper
53 100
52 86.3 65.0 97.4
51 37.1 28.3 42.5



#16
Acetone
Concen: 391.147 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 43 Resp: 70167
Ion Ratio Lower Upper
43 100
58 36.1 34.7 52.1

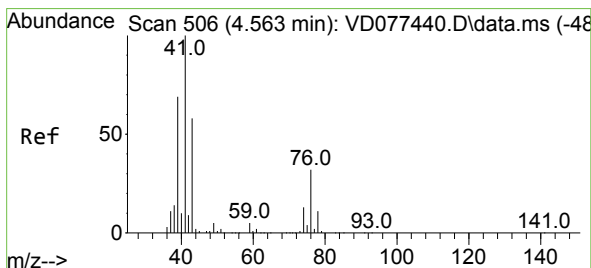
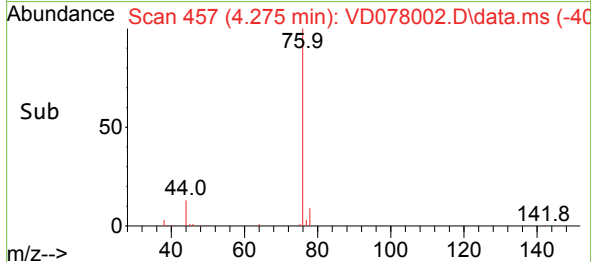
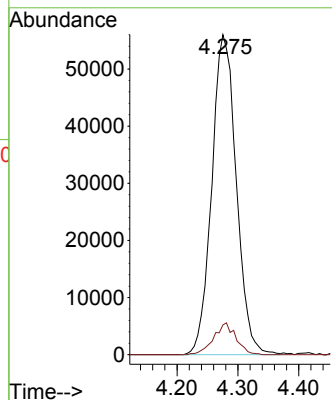
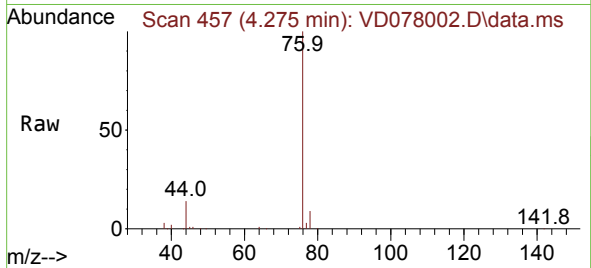




#17
Carbon Disulfide
Concen: 52.159 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

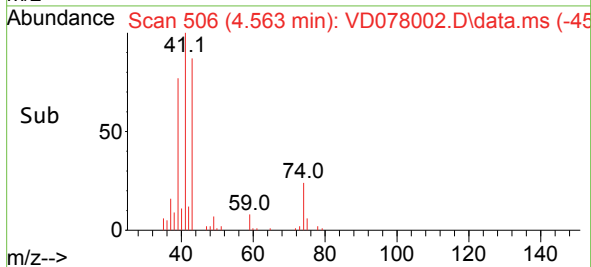
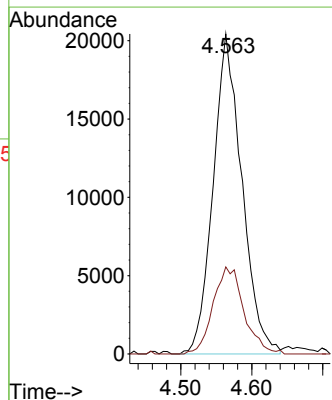
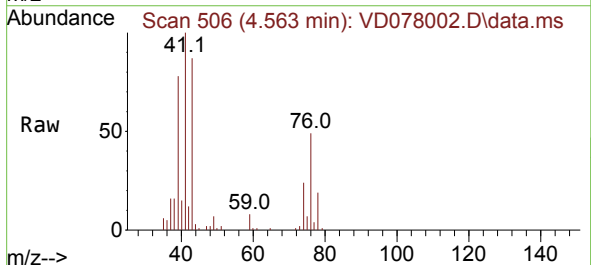
Instrument :
MSVOA_D
ClientSampleId :

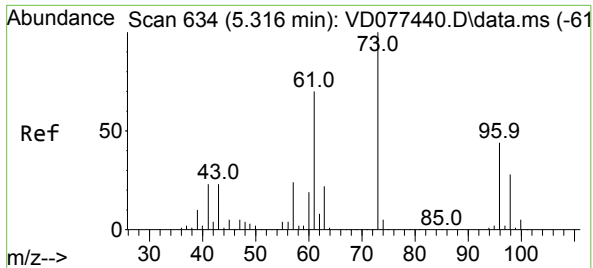
Tgt Ion: 76 Resp: 156545
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 83.757 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 43 Resp: 57365
Ion Ratio Lower Upper
43 100
74 29.2 26.4 39.6

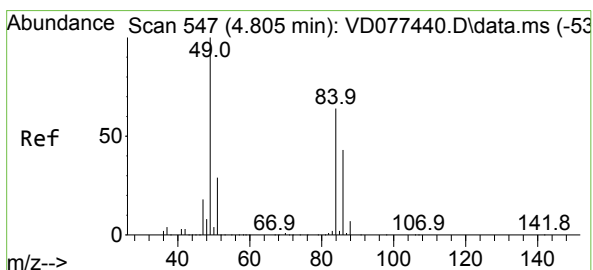
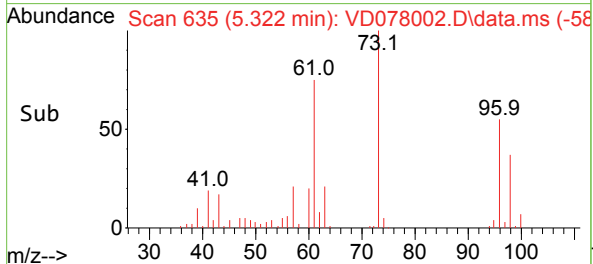
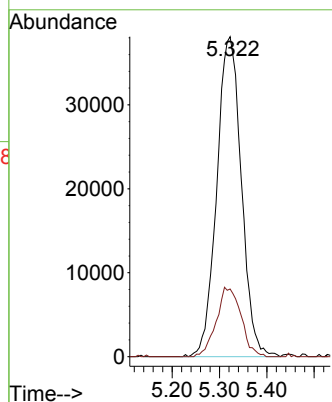
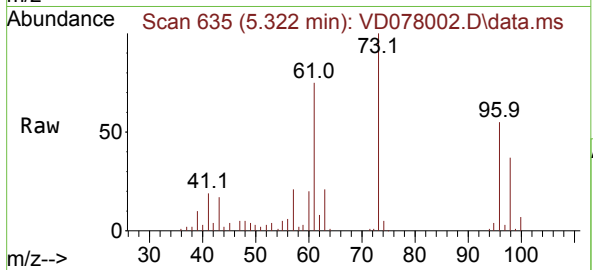




#19
Methyl tert-butyl Ether
Concen: 72.977 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

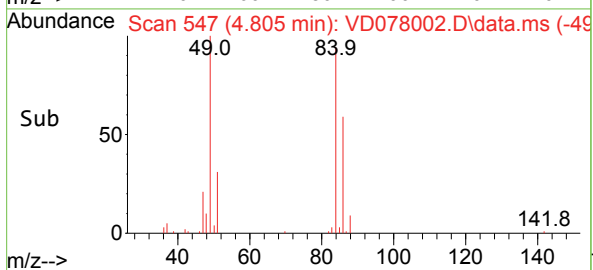
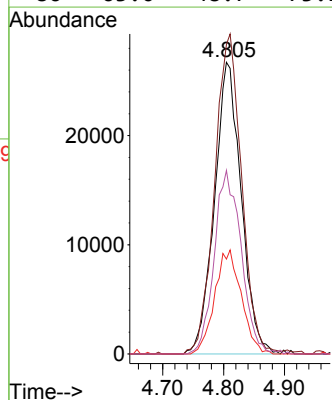
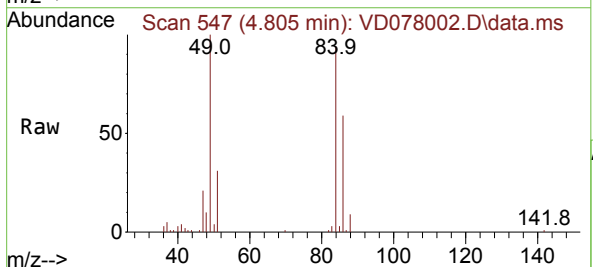
Instrument :
MSVOA_D
ClientSampleId :

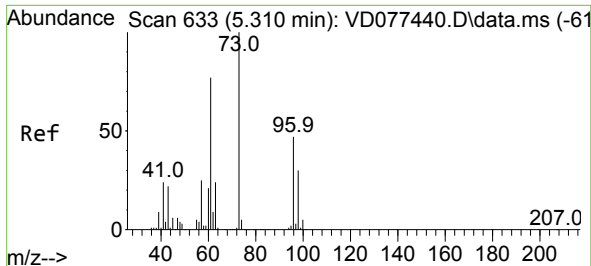
Tgt Ion: 73 Resp: 137355
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0



#20
Methylene Chloride
Concen: 82.259 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

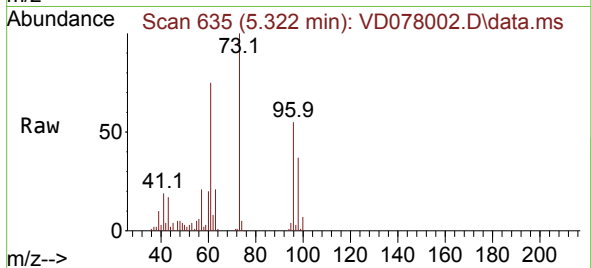
Tgt Ion: 84 Resp: 81500
Ion Ratio Lower Upper
84 100
49 106.2 71.4 107.2
51 32.5 24.5 36.7
86 63.0 48.7 73.1



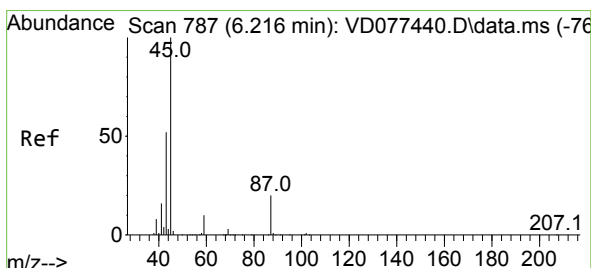
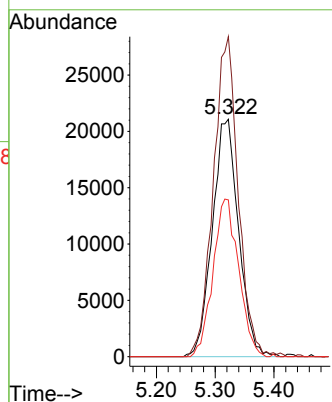
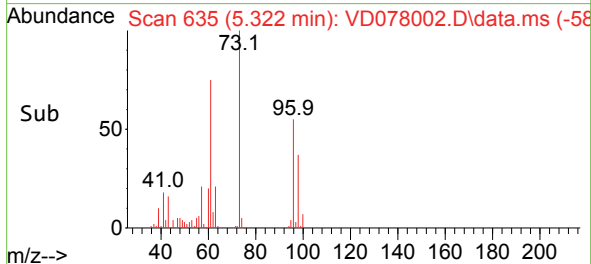


#21
trans-1,2-Dichloroethene
Concen: 64.972 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

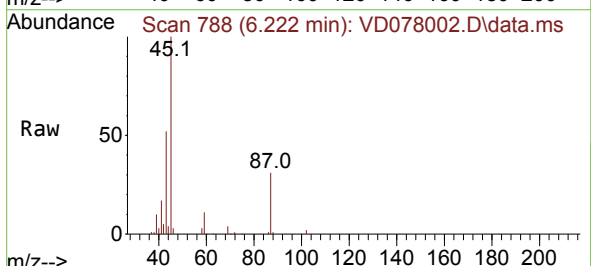
Instrument :
MSVOA_D
ClientSampleId :



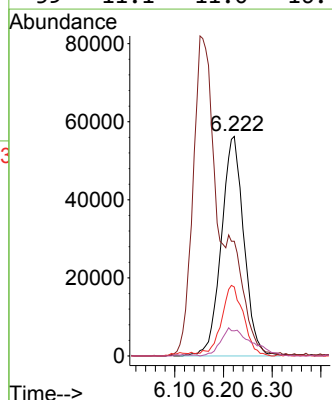
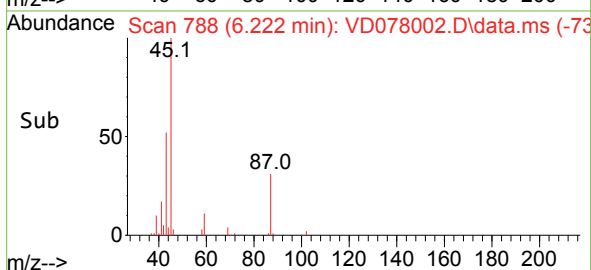
Tgt Ion: 96 Resp: 65285
Ion Ratio Lower Upper
96 100
61 134.8 89.3 133.9#
98 66.0 48.6 73.0

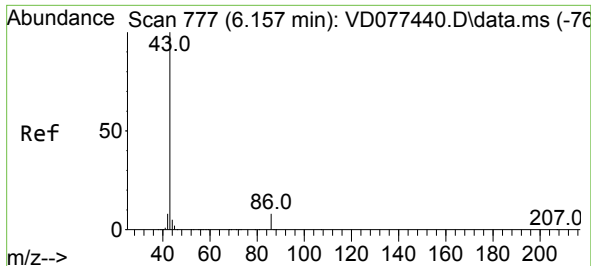


#22
Diisopropyl ether
Concen: 70.981 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10



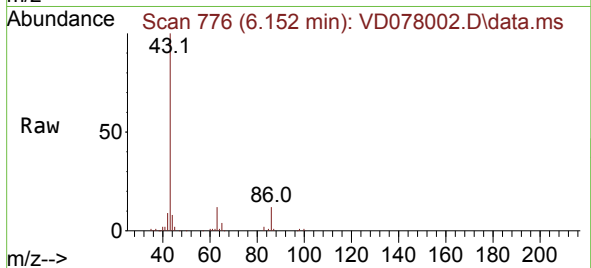
Tgt Ion: 45 Resp: 180979
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 31.0 28.2 42.4
59 11.1 11.0 16.4



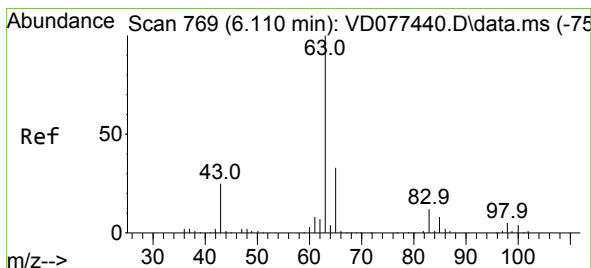
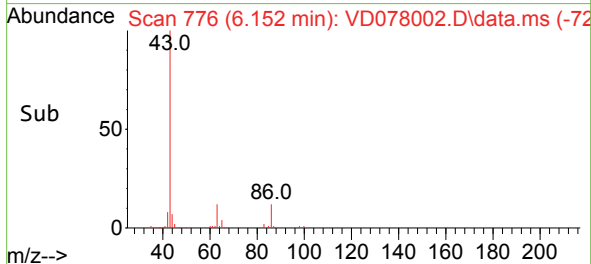
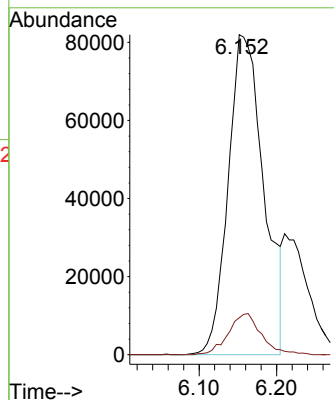


#23
 Vinyl Acetate
 Concen: 210.217 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

Instrument :
 MSVOA_D
 ClientSampleId :

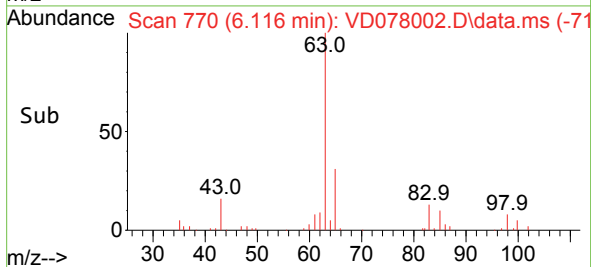
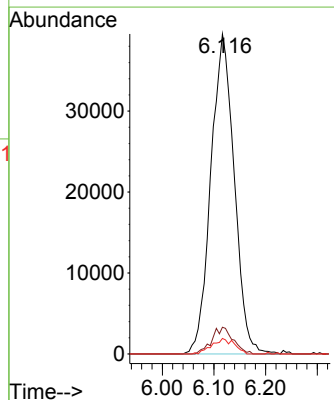
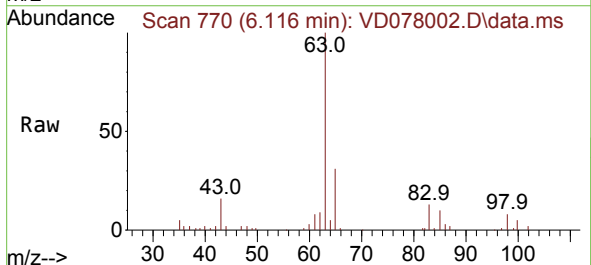


Tgt Ion: 43 Resp: 261743
 Ion Ratio Lower Upper
 43 100
 86 11.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 71.955 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

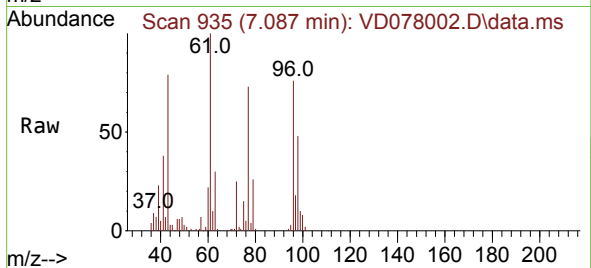
Tgt Ion: 63 Resp: 124241
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 4.8 2.5 7.5



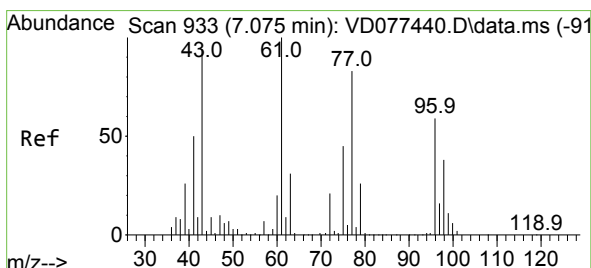
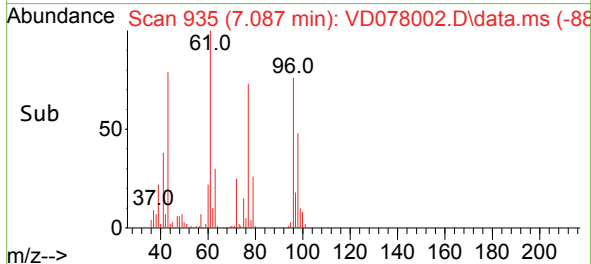
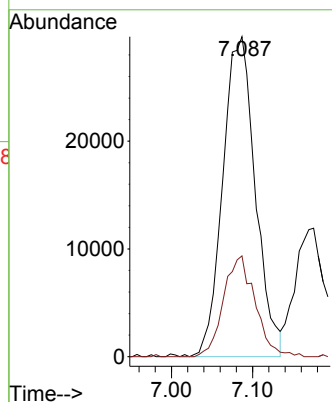


#25
2-Butanone
Concen: 352.419 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

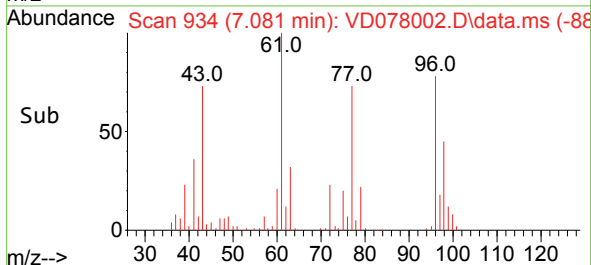
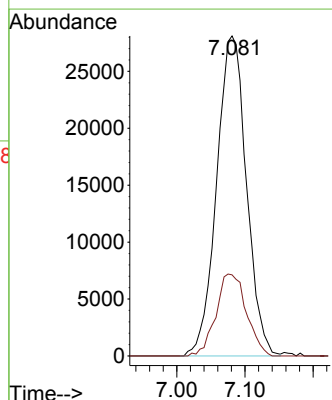
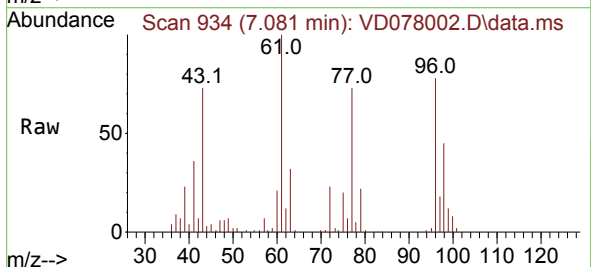


Tgt Ion: 43 Resp: 82776
Ion Ratio Lower Upper
43 100
72 31.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 59.037 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

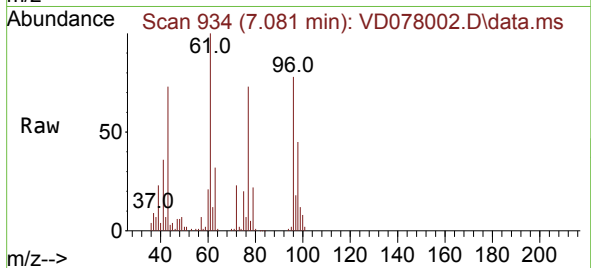
Tgt Ion: 77 Resp: 85585
Ion Ratio Lower Upper
77 100
97 26.1 13.2 39.6



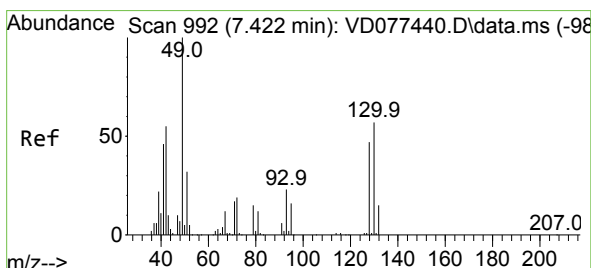
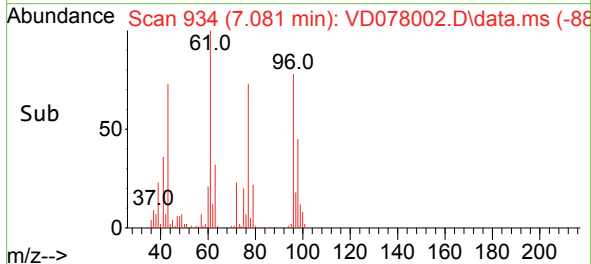
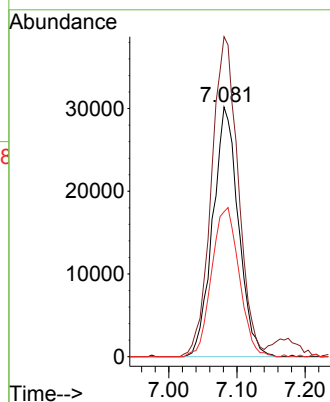


#27
 cis-1,2-Dichloroethene
 Concen: 73.331 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

Instrument :
 MSVOA_D
 ClientSampleId :

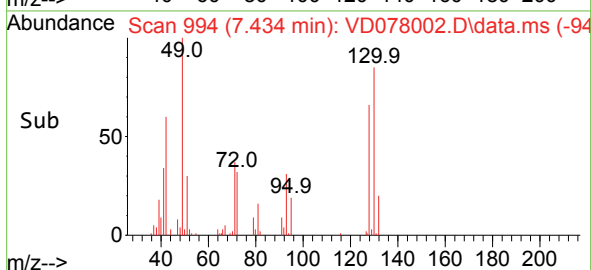
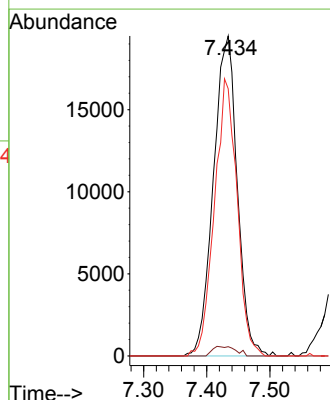
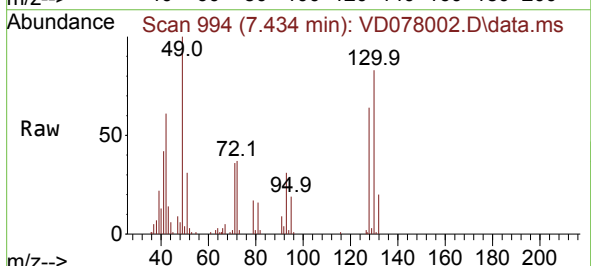


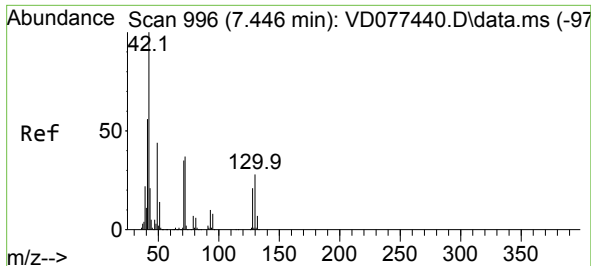
Tgt Ion: 96 Resp: 79286
 Ion Ratio Lower Upper
 96 100
 61 133.4 0.0 239.2
 98 63.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 73.316 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

Tgt Ion: 49 Resp: 51153
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.0
 130 81.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 324.775 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078002.D

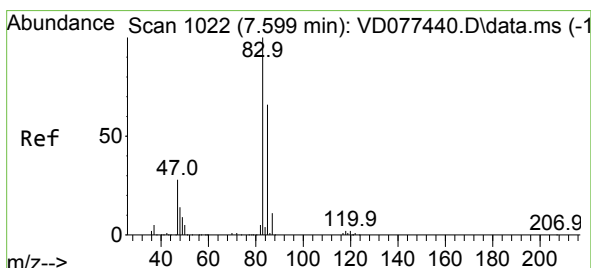
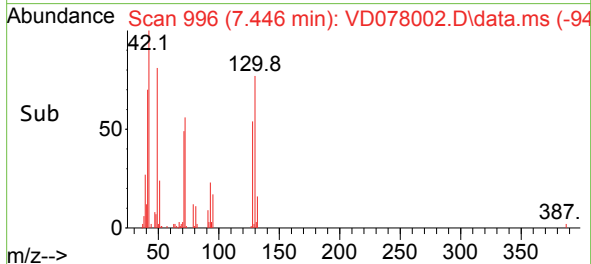
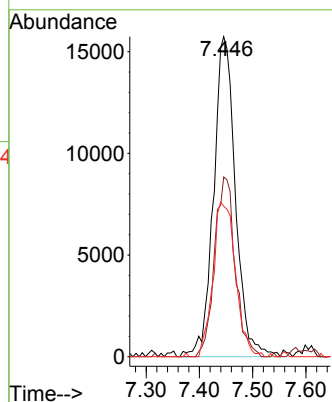
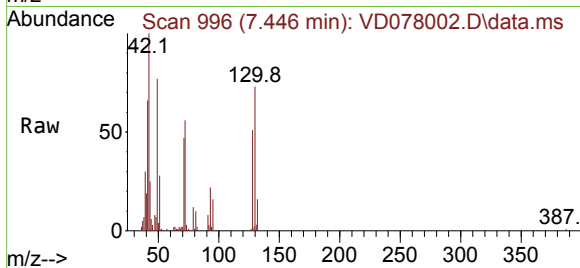
Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 42	Resp: 44976
Ion Ratio	Lower Upper
42	100
72	52.9 46.5 69.7
71	49.4 44.5 66.7



#30

Chloroform

Concen: 73.053 ug/l

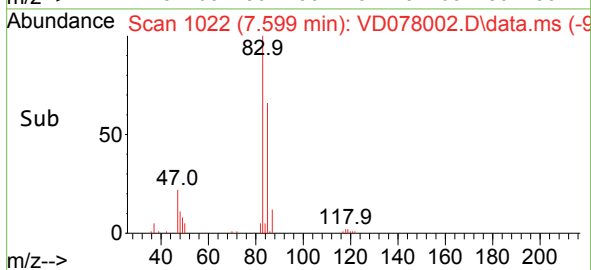
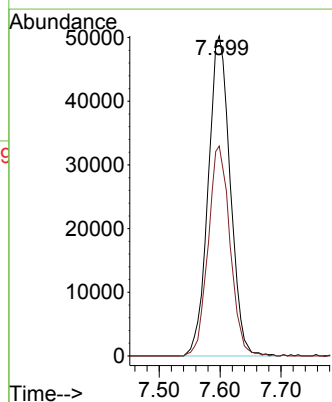
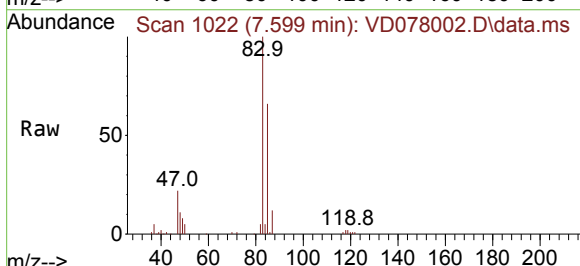
RT: 7.599 min Scan# 1022

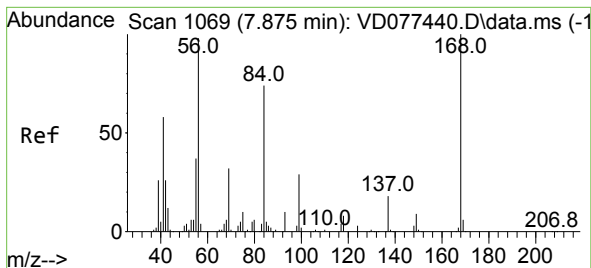
Delta R.T. -0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Tgt Ion: 83	Resp: 126241
Ion Ratio	Lower Upper
83	100
85	65.6 53.4 80.2





#31

Cyclohexane

Concen: 22.944 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

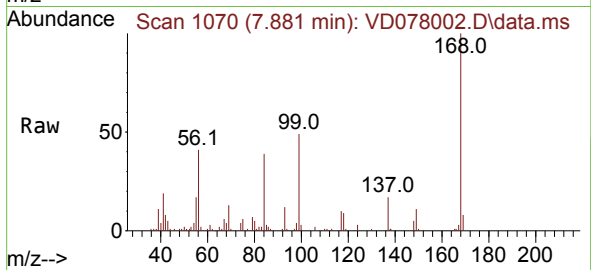
Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :



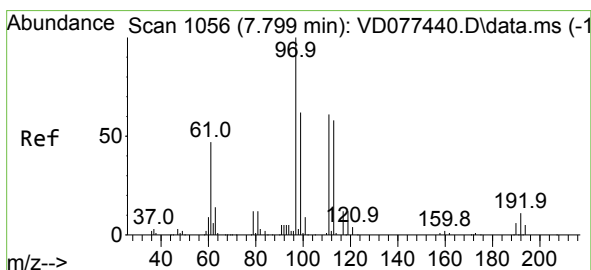
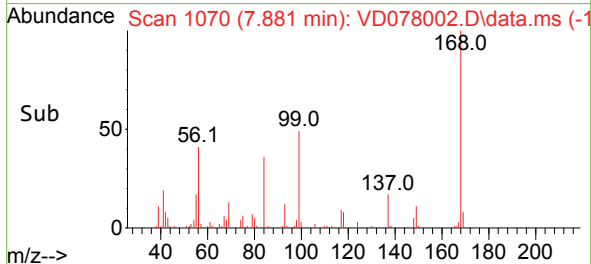
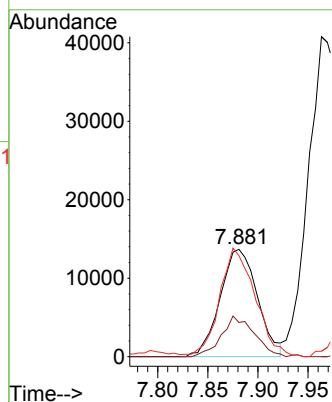
Tgt Ion: 56 Resp: 35490

Ion Ratio Lower Upper

56 100

69 31.9 28.6 43.0

84 92.1 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 56.114 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

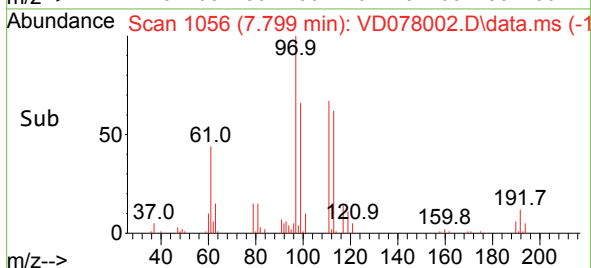
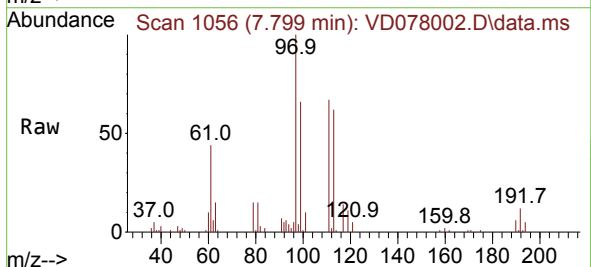
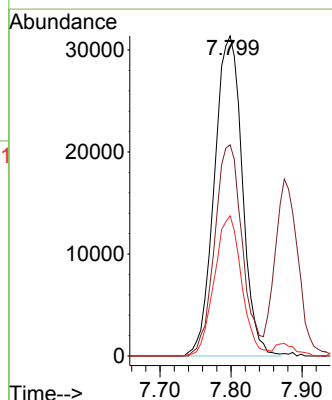
Tgt Ion: 97 Resp: 85483

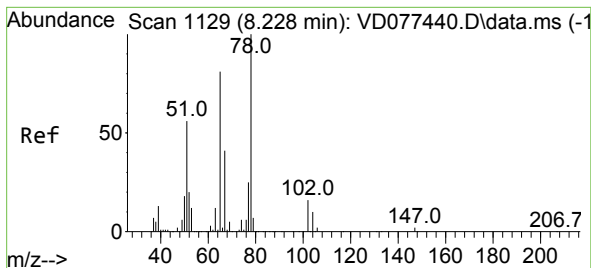
Ion Ratio Lower Upper

97 100

99 65.9 52.0 78.0

61 43.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 65.234 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

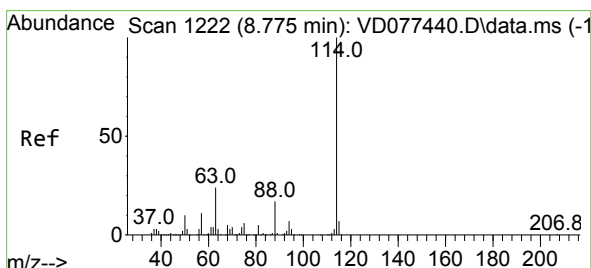
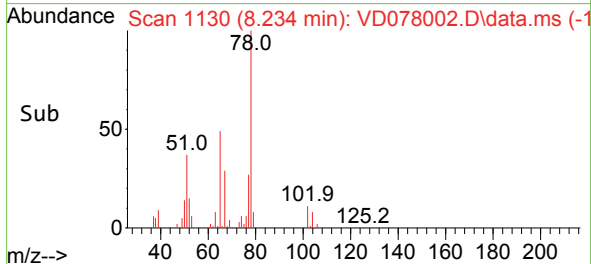
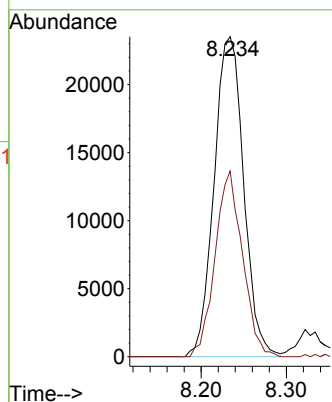
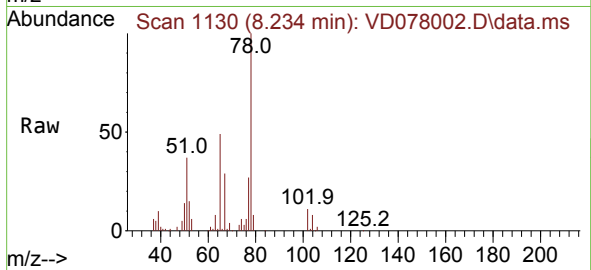
ClientSampleId :

Tgt Ion: 65 Resp: 56731

Ion Ratio Lower Upper

65 100

67 53.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

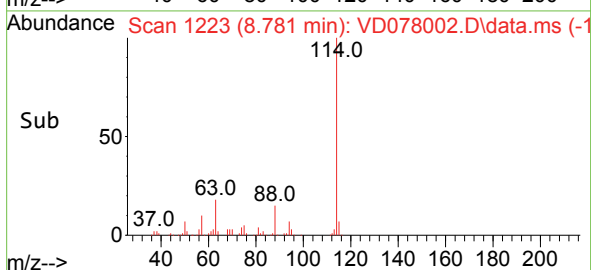
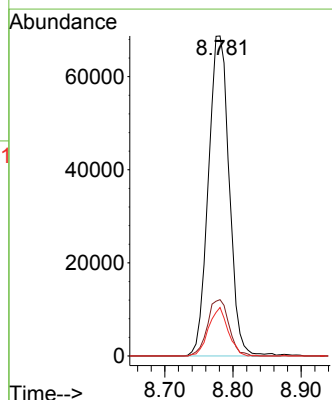
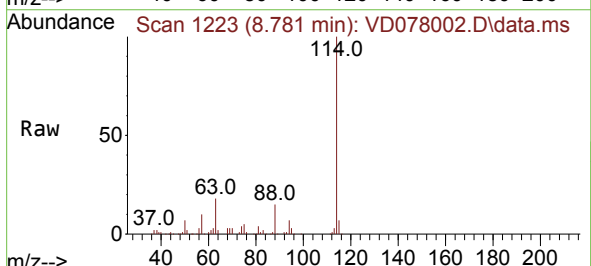
Tgt Ion: 114 Resp: 146251

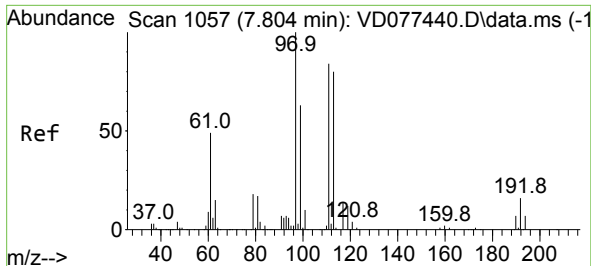
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 15.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 58.989 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

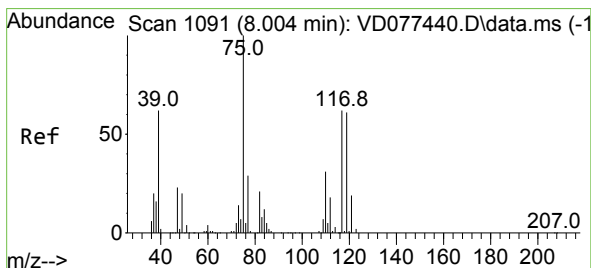
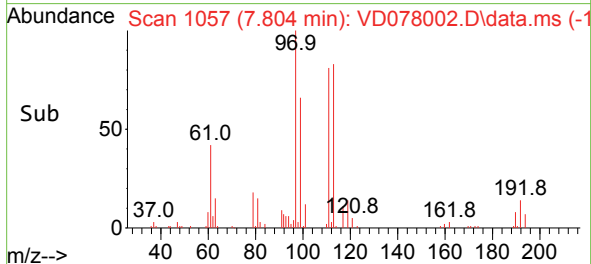
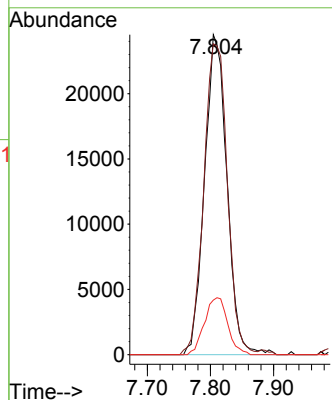
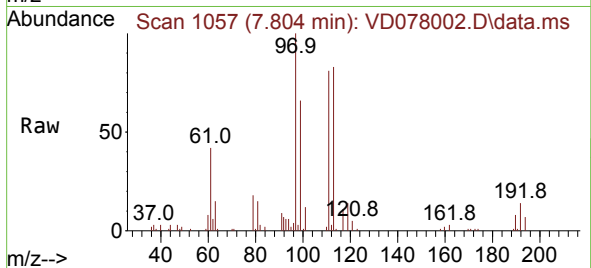
Tgt Ion:113 Resp: 60431

Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 18.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 40.751 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.012 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

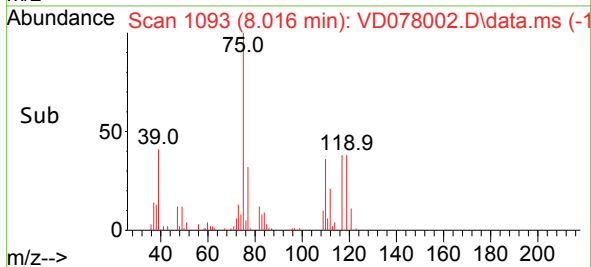
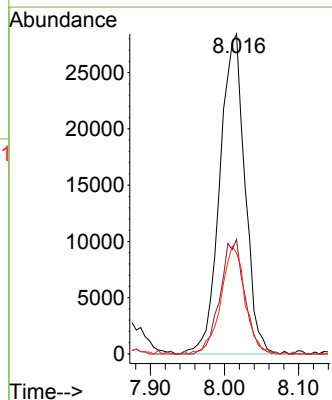
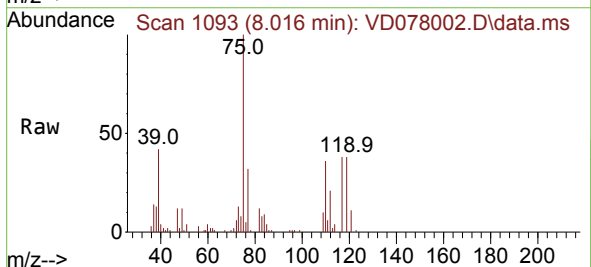
Tgt Ion: 75 Resp: 66777

Ion Ratio Lower Upper

75 100

110 34.9 19.9 59.6

77 32.8 24.7 37.1





#37

Ethyl Acetate

Concen: 48.452 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

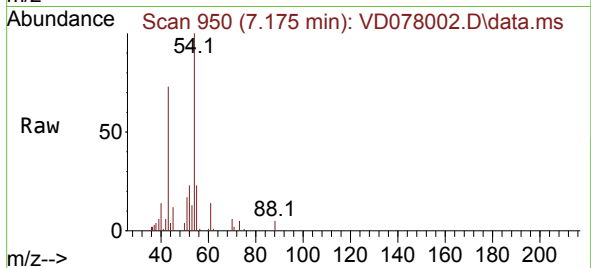
Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :



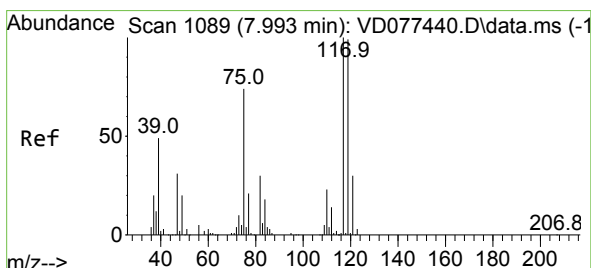
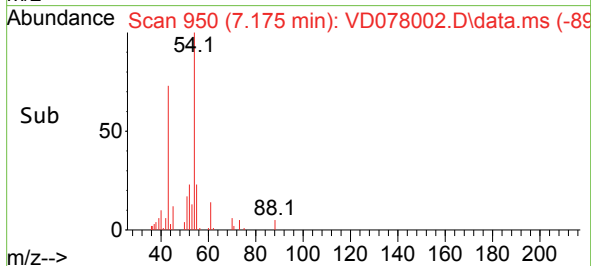
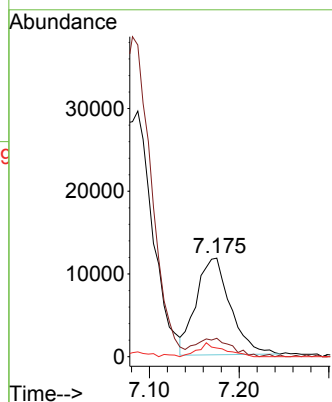
Tgt Ion: 43 Resp: 30958

Ion Ratio Lower Upper

43 100

61 19.7 14.9 22.3

70 10.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 38.284 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

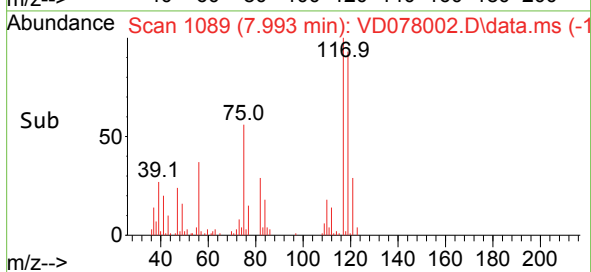
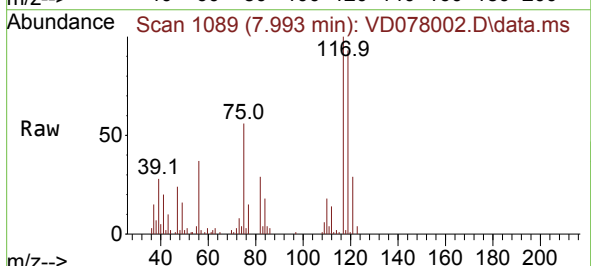
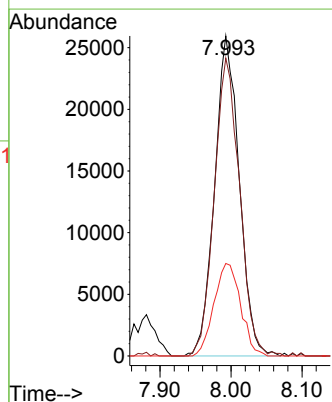
Tgt Ion: 117 Resp: 62542

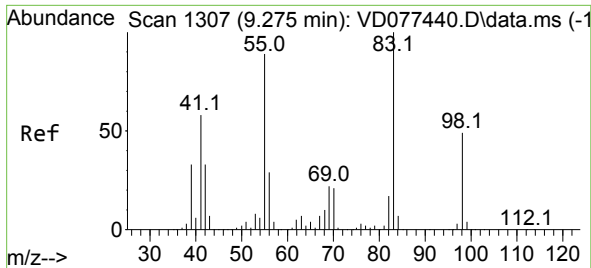
Ion Ratio Lower Upper

117 100

119 93.0 78.0 117.0

121 28.9 24.2 36.2

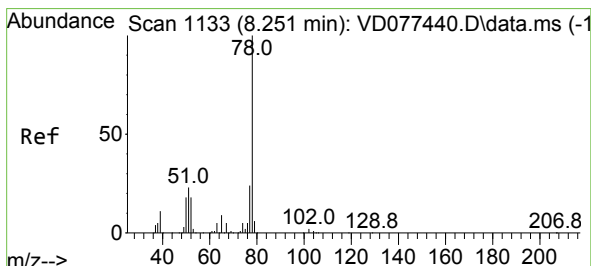
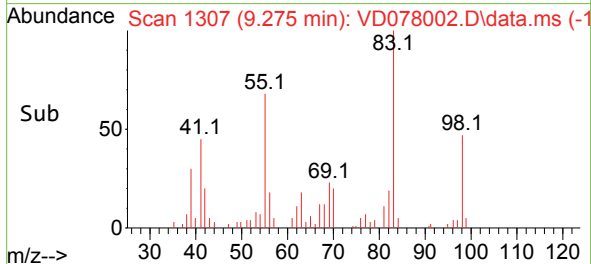
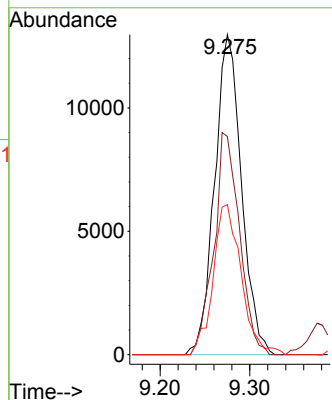
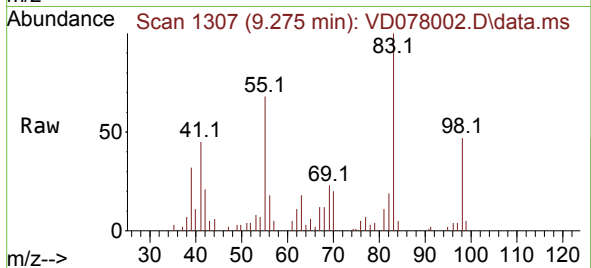




#39
Methylcyclohexane
Concen: 13.897 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

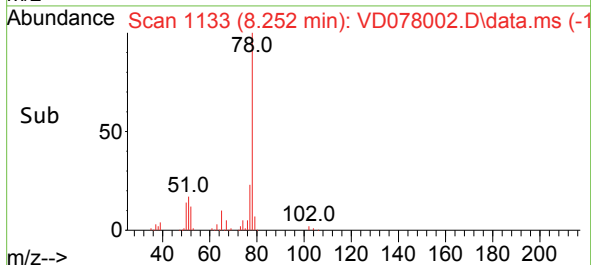
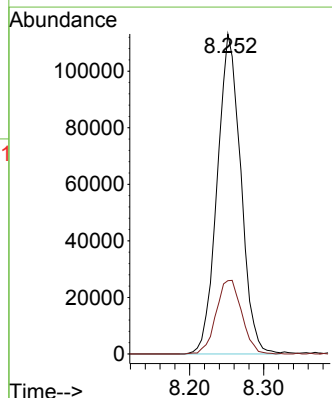
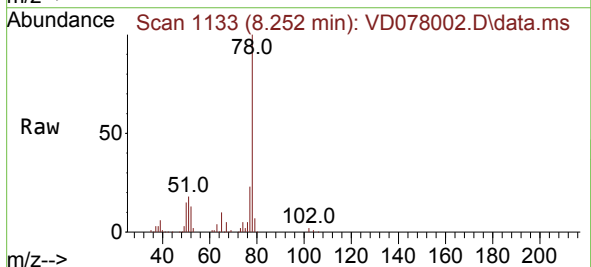
Instrument :
MSVOA_D
ClientSampleId :

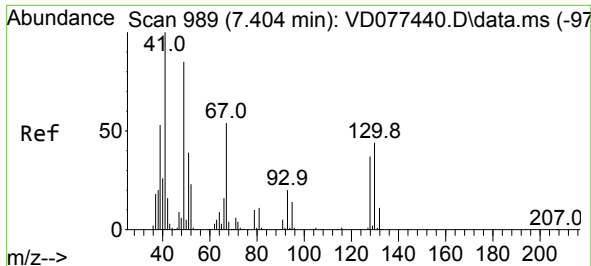
Tgt Ion: 83 Resp: 26997
Ion Ratio Lower Upper
83 100
55 68.2 49.4 74.0
98 46.9 38.4 57.6



#40
Benzene
Concen: 53.717 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

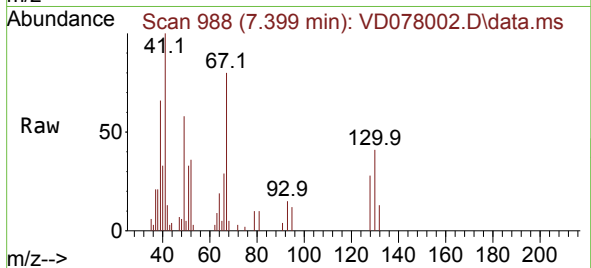
Tgt Ion: 78 Resp: 249829
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.0



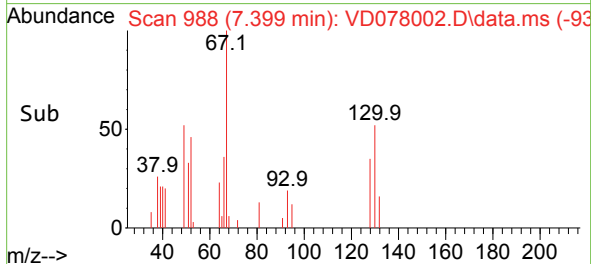
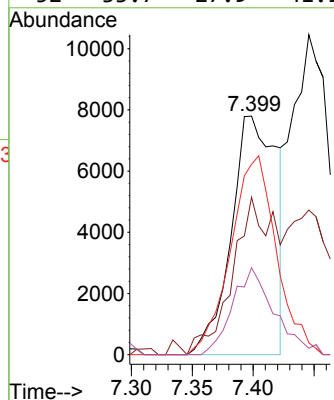


#41
Methacrylonitrile
Concen: 62.217 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

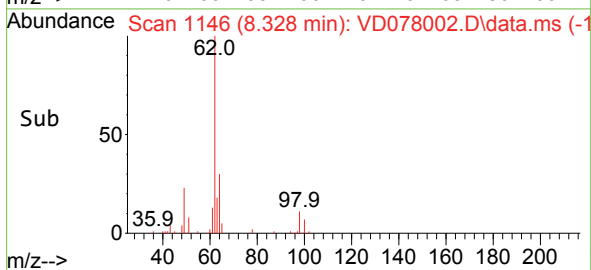
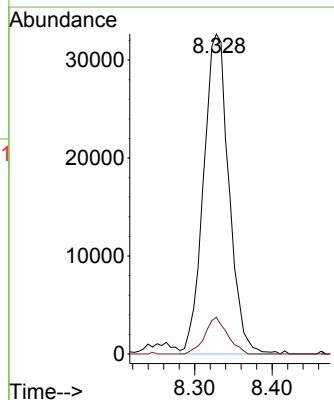
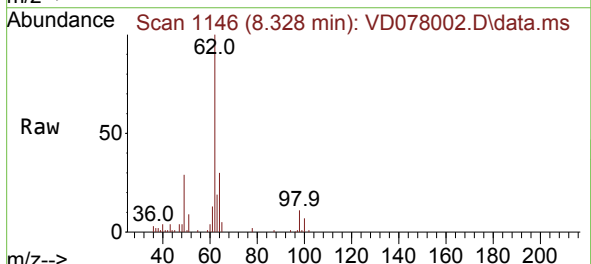


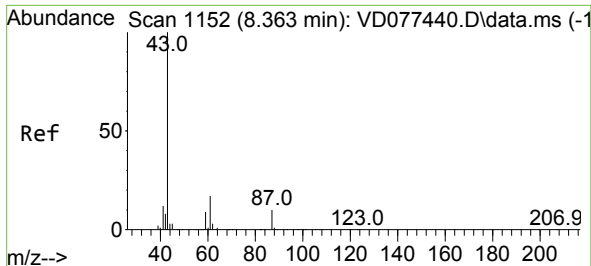
Tgt Ion:	41	Resp:	20205
Ion	Ratio	Lower	Upper
41	100		
39	47.3	34.0	51.0
67	83.9	77.0	115.4
52	33.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 61.644 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

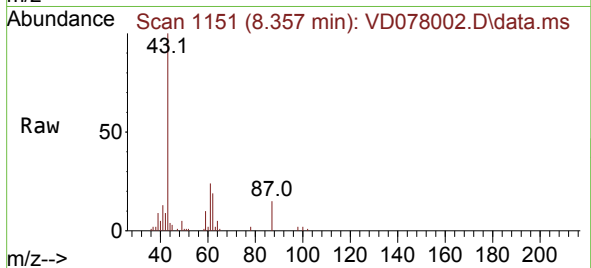
Tgt Ion:	62	Resp:	74315
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	25.4



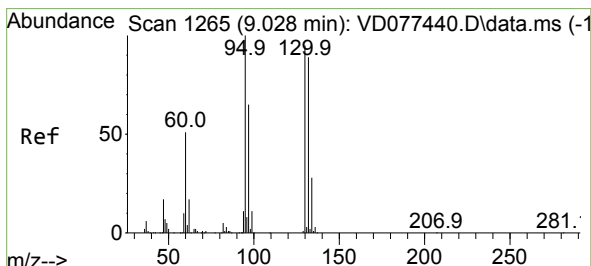
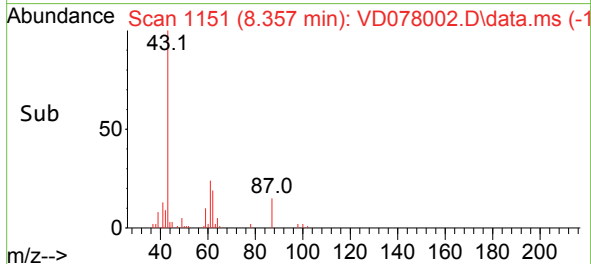
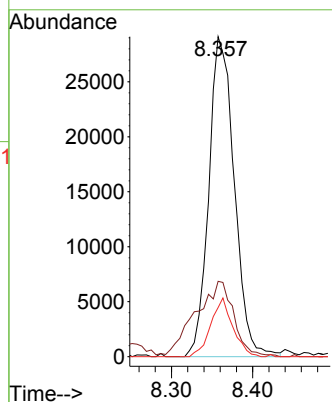


#43
Isopropyl Acetate
Concen: 55.948 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

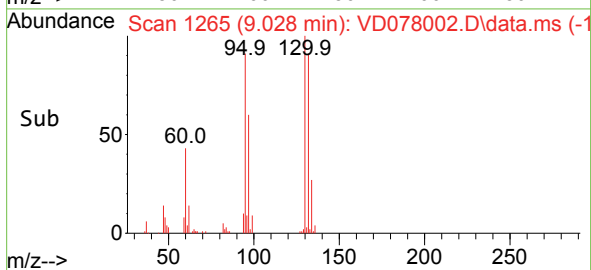
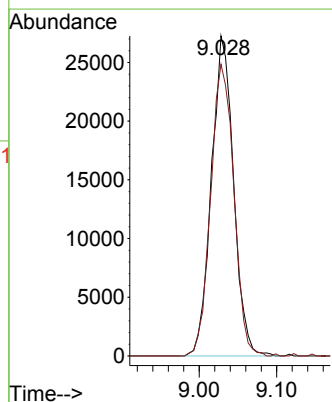
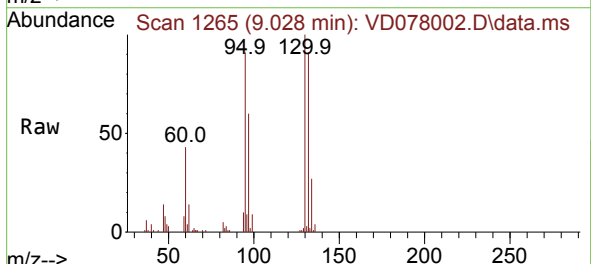


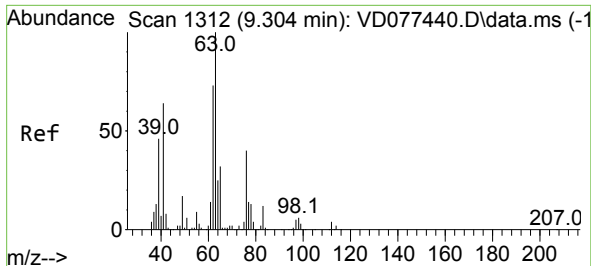
Tgt Ion: 43 Resp: 63546
Ion Ratio Lower Upper
43 100
61 35.0 31.4 47.0
87 15.8 14.9 22.3



#44
Trichloroethene
Concen: 44.635 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion:130 Resp: 54097
Ion Ratio Lower Upper
130 100
95 91.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 57.648 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

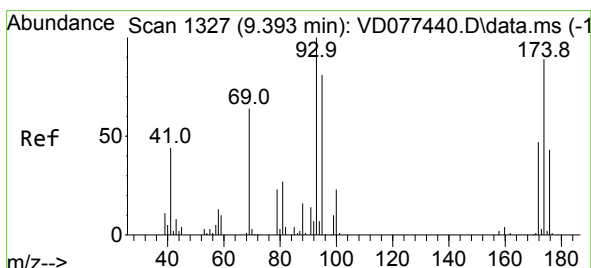
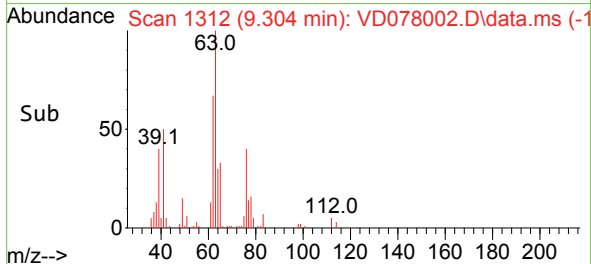
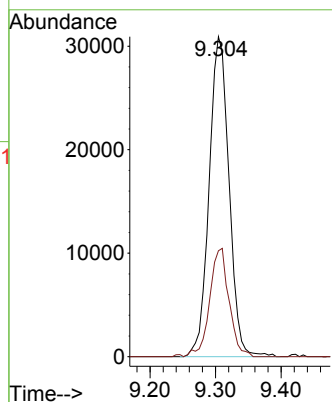
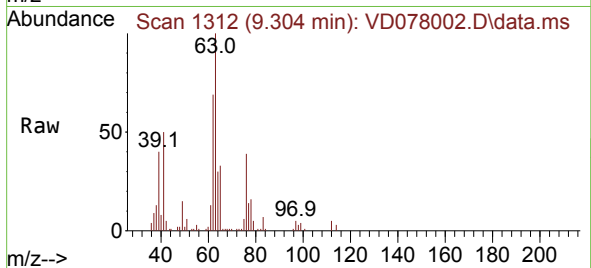
ClientSampleId :

Tgt Ion: 63 Resp: 65177

Ion Ratio Lower Upper

63 100

65 33.1 24.5 36.7



#46

Dibromomethane

Concen: 60.808 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

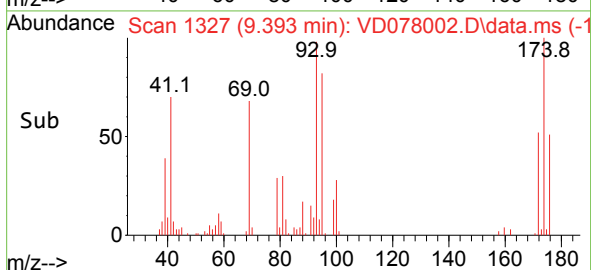
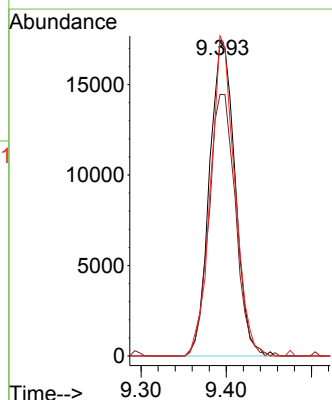
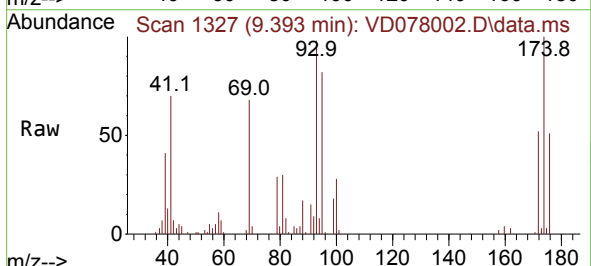
Tgt Ion: 93 Resp: 36376

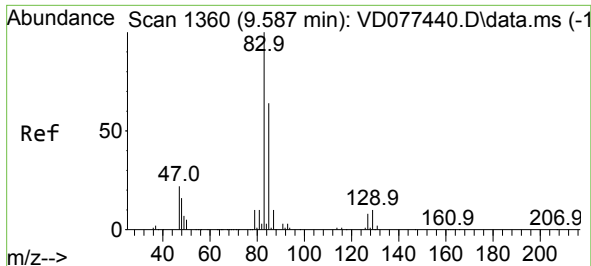
Ion Ratio Lower Upper

93 100

95 85.6 67.7 101.5

174 95.7 85.4 128.2

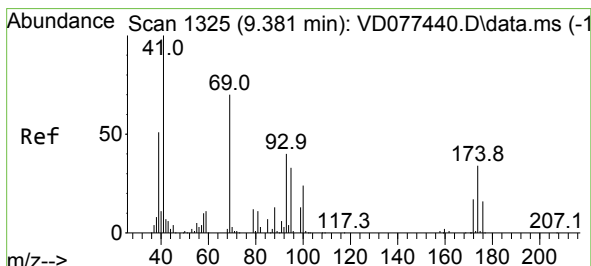
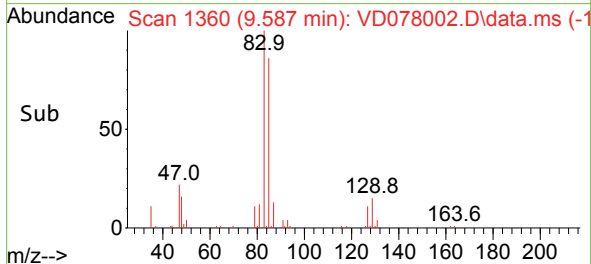
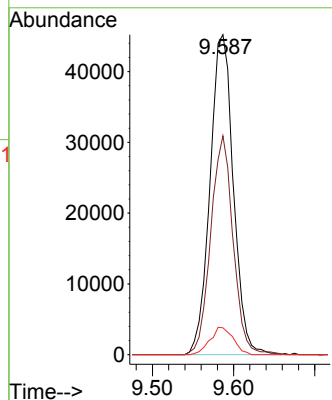
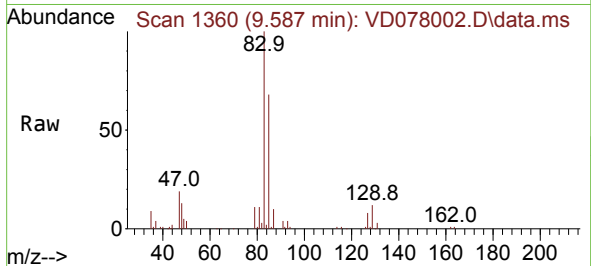




#47
Bromodichloromethane
Concen: 59.549 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

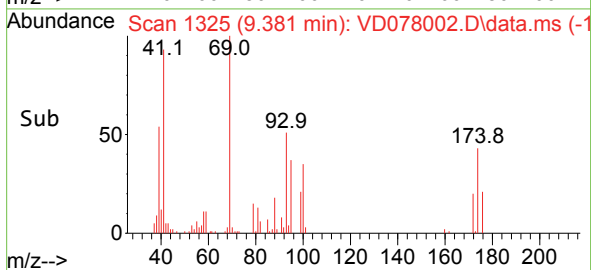
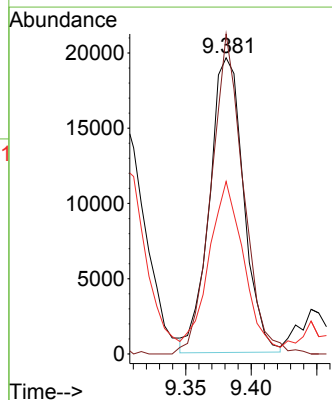
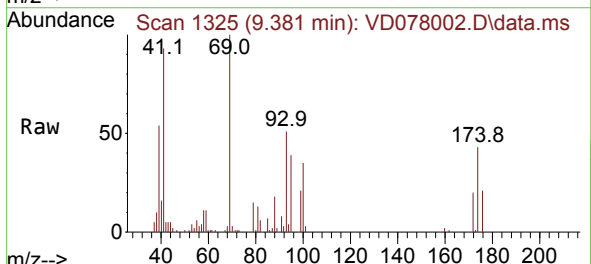
Instrument :
MSVOA_D
ClientSampleId :

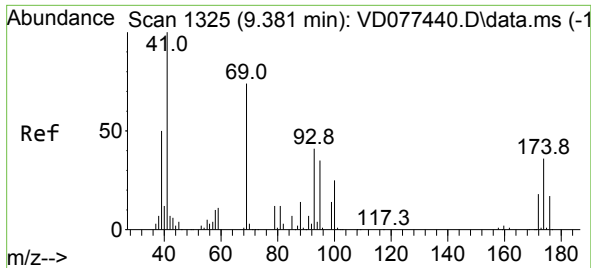
Tgt Ion: 83 Resp: 90292
Ion Ratio Lower Upper
83 100
85 68.4 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 55.029 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

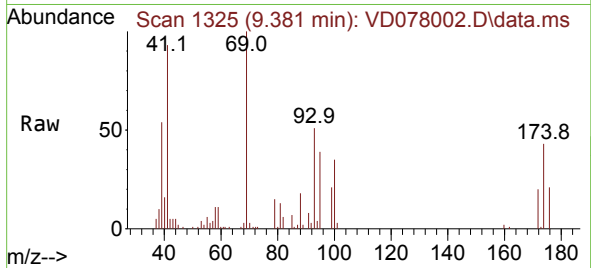
Tgt Ion: 41 Resp: 35529
Ion Ratio Lower Upper
41 100
69 102.2 102.2 153.2
39 59.7 41.4 62.2



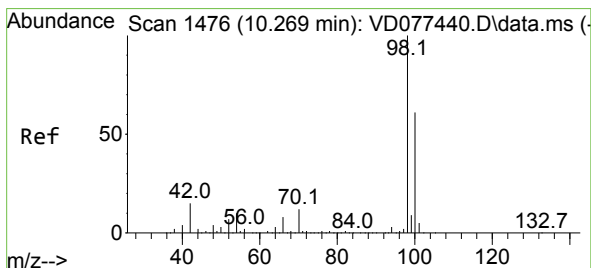
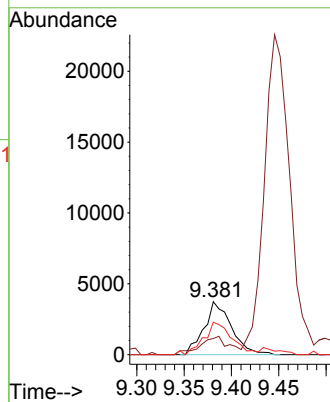
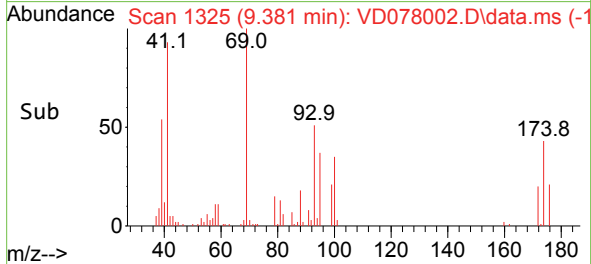


#49
1,4-Dioxane
Concen: 1260.922 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

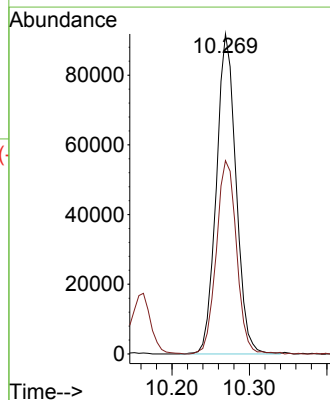
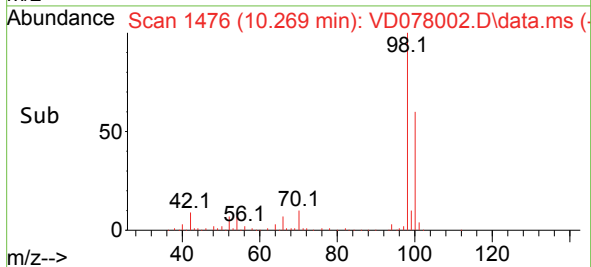
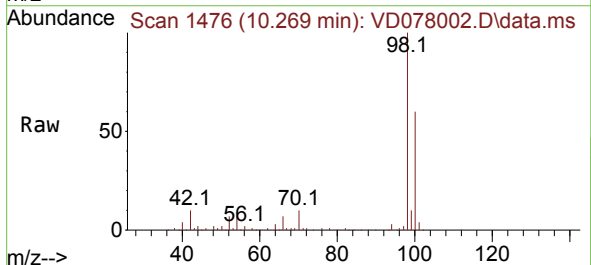


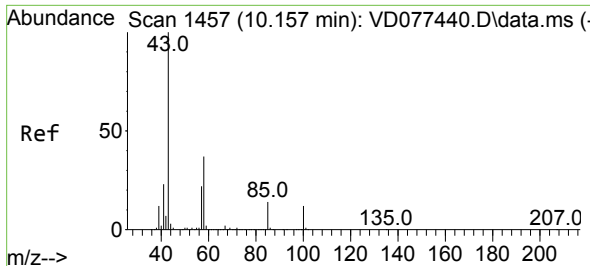
Tgt Ion: 88 Resp: 7490
Ion Ratio Lower Upper
88 100
43 36.4 19.0 28.6#
58 63.7 43.5 65.3



#50
Toluene-d8
Concen: 39.404 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 98 Resp: 161677
Ion Ratio Lower Upper
98 100
100 62.4 50.3 75.5

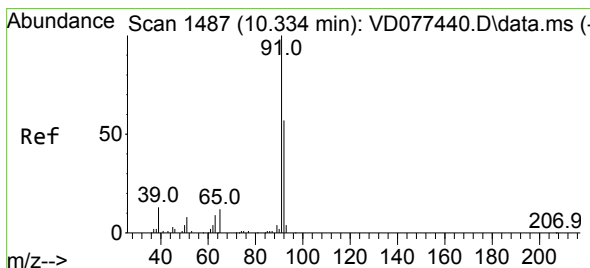
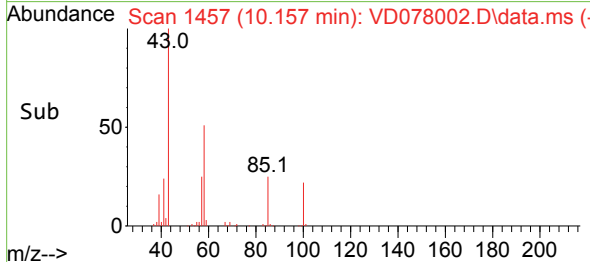
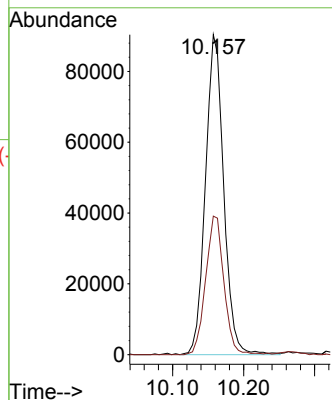
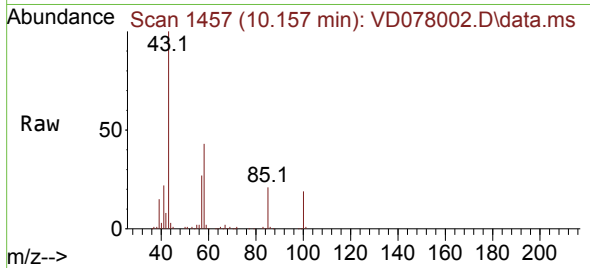




#51
4-Methyl-2-Pentanone
Concen: 279.059 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

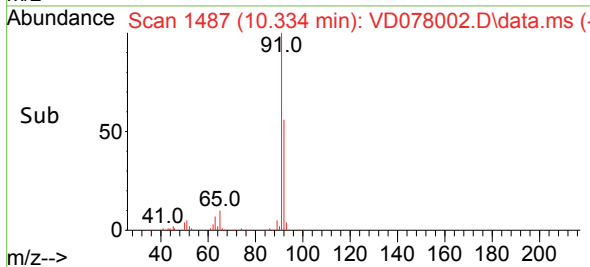
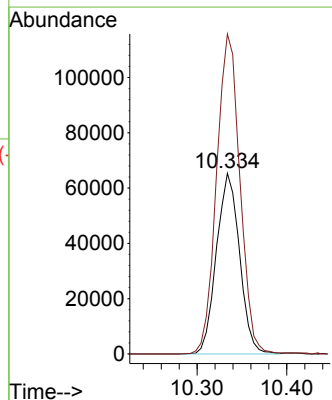
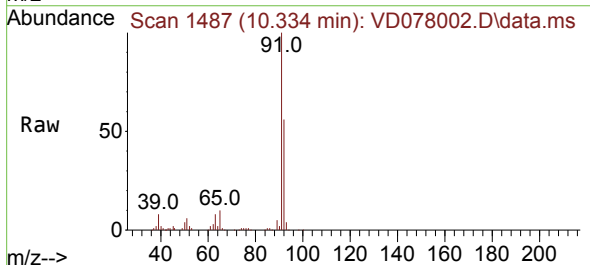
Instrument :
MSVOA_D
ClientSampleId :

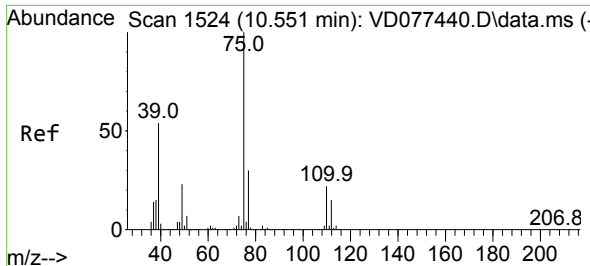
Tgt Ion: 43 Resp: 161762
Ion Ratio Lower Upper
43 100
58 43.3 38.9 58.3



#52
Toluene
Concen: 40.504 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 92 Resp: 116851
Ion Ratio Lower Upper
92 100
91 179.8 143.0 214.4

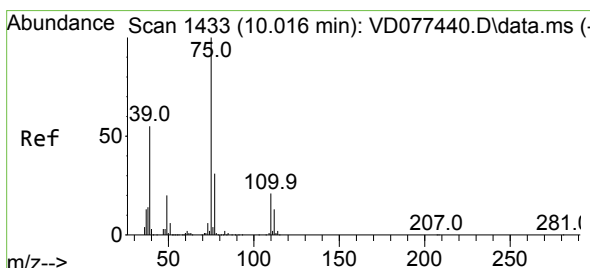
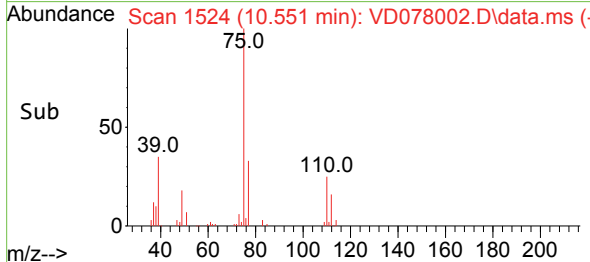
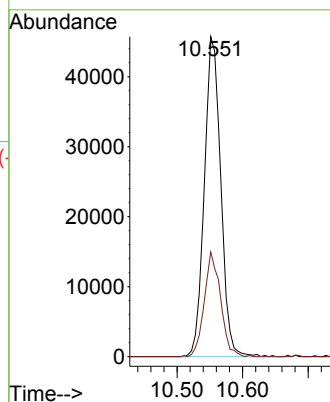
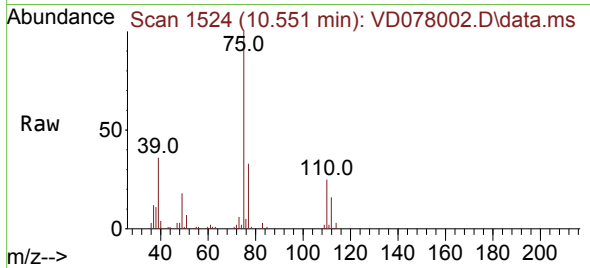




#53
t-1,3-Dichloropropene
Concen: 54.901 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

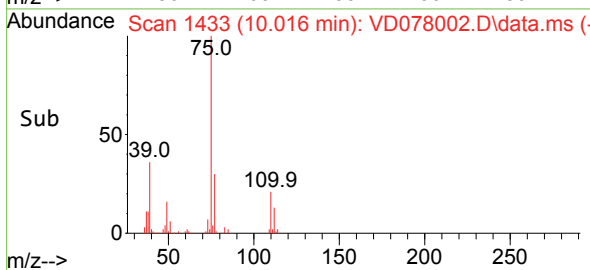
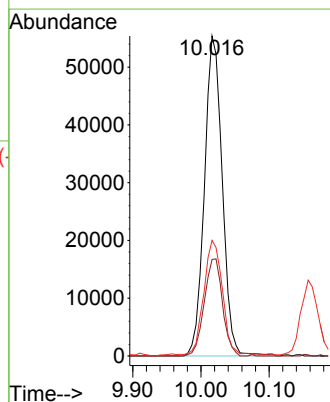
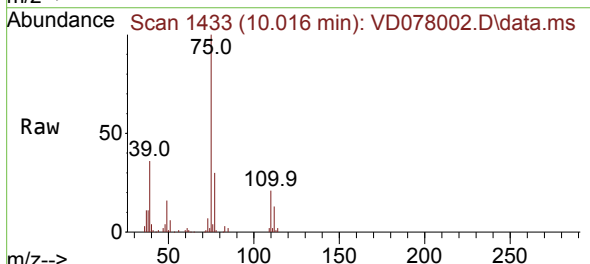
Instrument :
MSVOA_D
ClientSampleId :

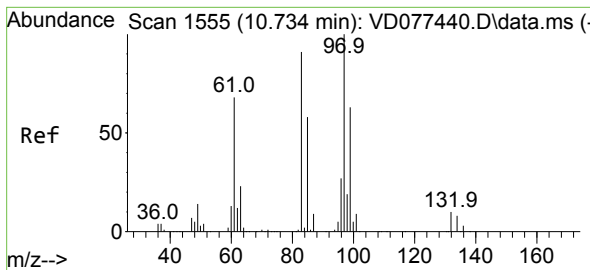
Tgt Ion: 75 Resp: 79940
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 57.323 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

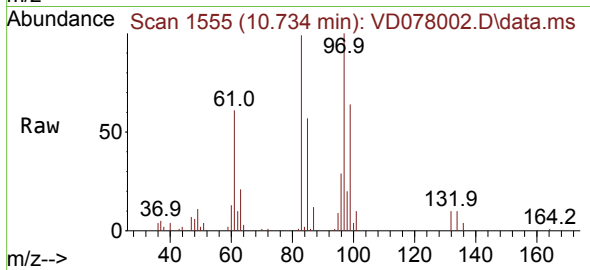
Tgt Ion: 75 Resp: 100915
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
39 35.8 22.1 33.1#



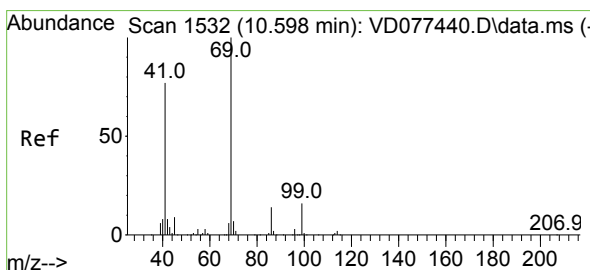
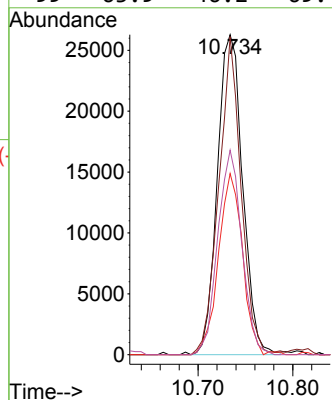
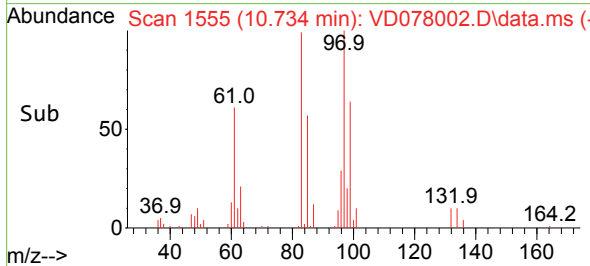


#55
 1,1,2-Trichloroethane
 Concen: 59.663 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

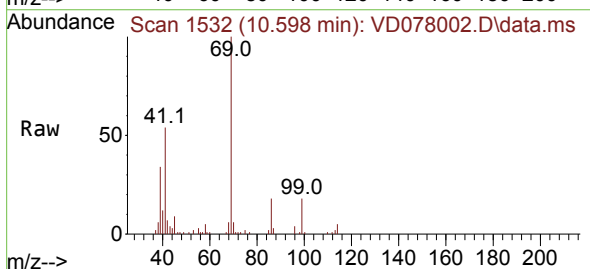
Instrument :
 MSVOA_D
 ClientSampleId :



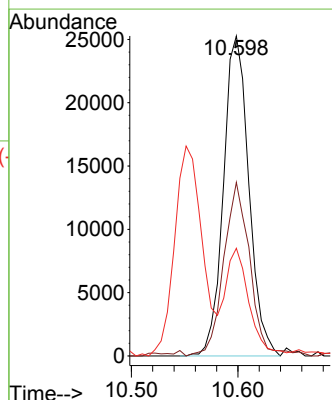
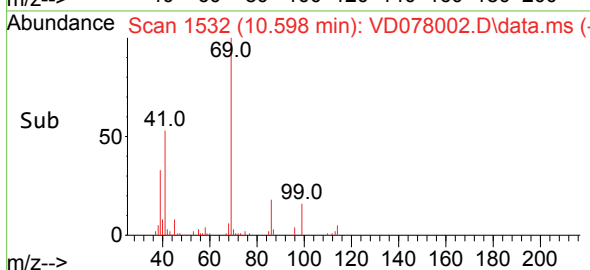
Tgt Ion: 97	Resp: 48820
Ion Ratio	Lower Upper
97 100	
83 99.4	65.8 98.6#
85 56.6	45.7 68.5
99 63.9	46.2 69.4

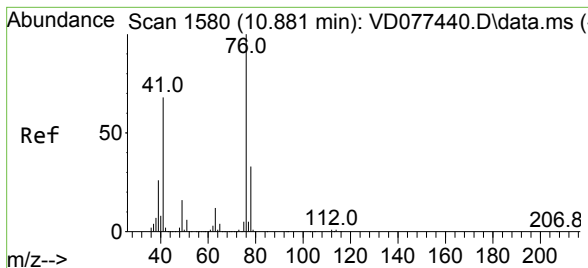


#56
 Ethyl methacrylate
 Concen: 58.007 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10



Tgt Ion: 69	Resp: 41842
Ion Ratio	Lower Upper
69 100	
41 56.1	39.1 58.7
39 29.5	20.0 30.0





#57

1,3-Dichloropropane

Concen: 57.636 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

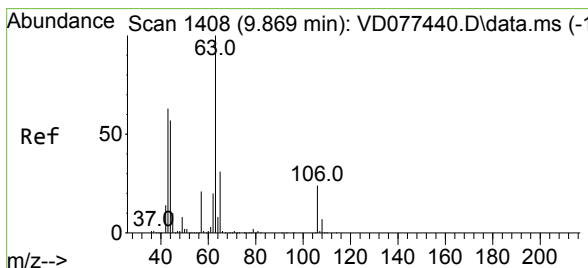
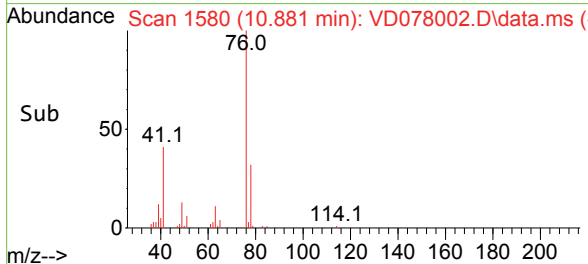
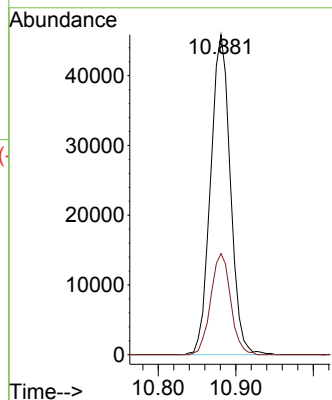
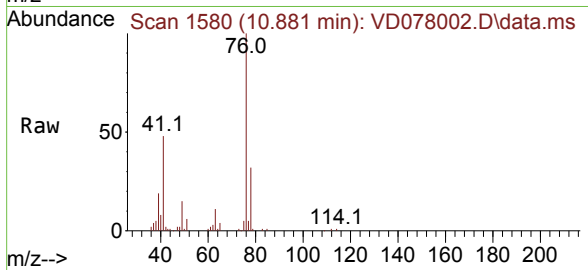
ClientSampleId :

Tgt Ion: 76 Resp: 81294

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 223.974 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078002.D

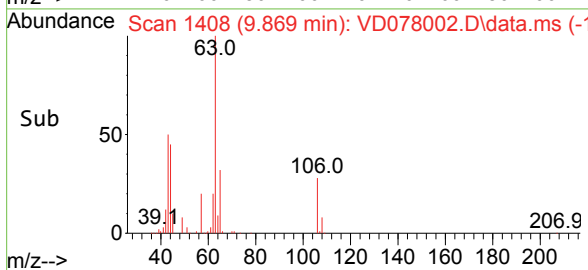
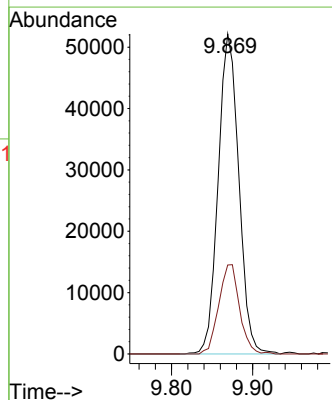
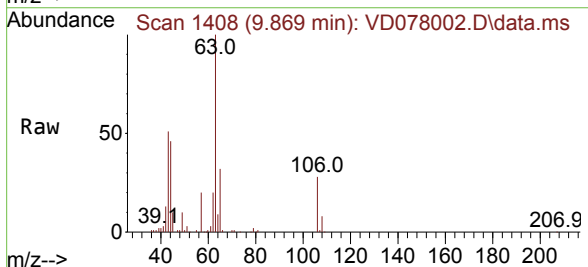
Acq: 20 Dec 2023 18:10

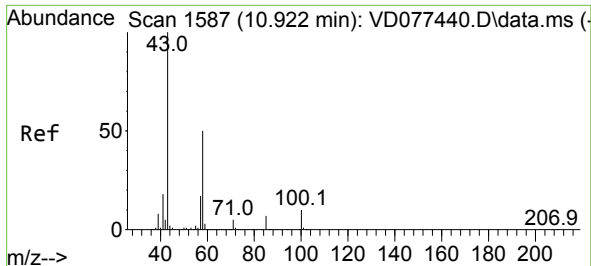
Tgt Ion: 63 Resp: 92133

Ion Ratio Lower Upper

63 100

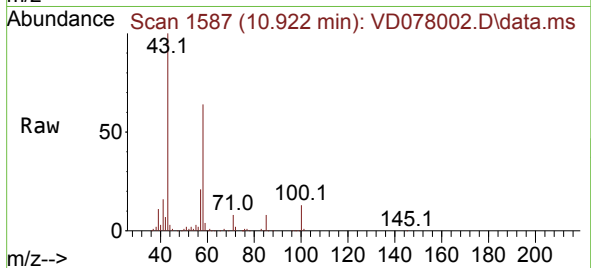
106 28.1 25.3 37.9



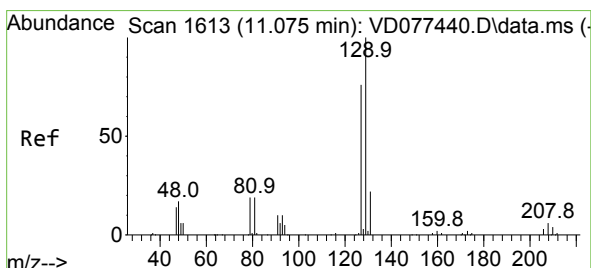
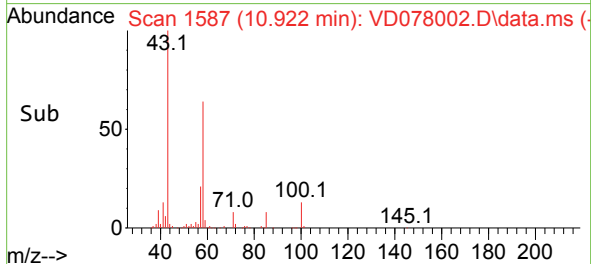
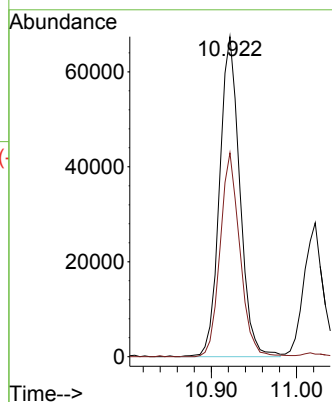


#59
2-Hexanone
Concen: 231.726 ug/l
RT: 10.922 min Scan# 111442
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

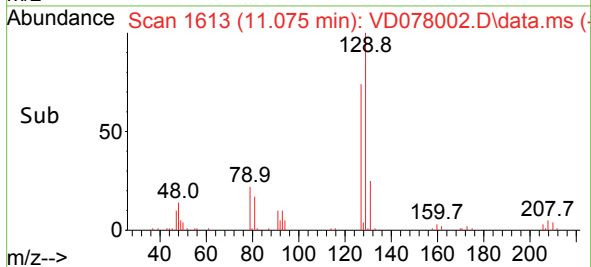
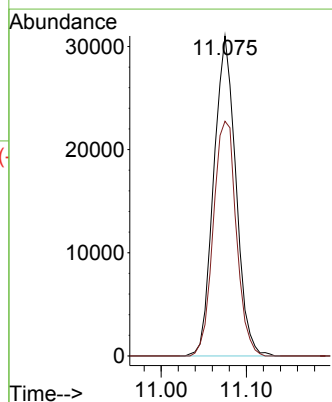
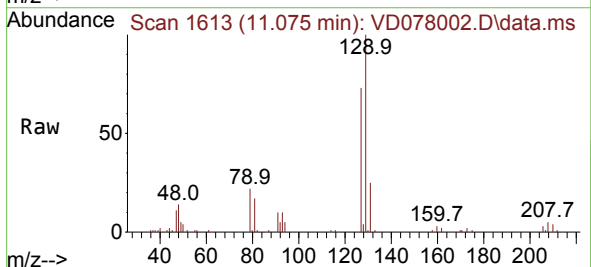


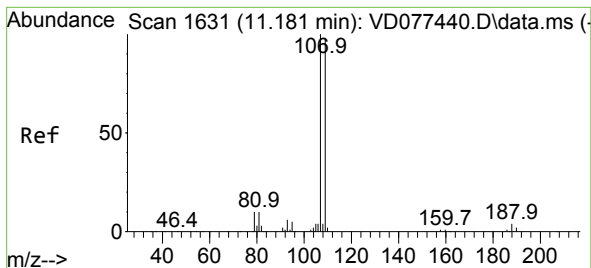
Tgt Ion: 43 Resp: 111442
Ion Ratio Lower Upper
43 100
58 62.1 34.1 102.2



#60
Dibromochloromethane
Concen: 56.830 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion:129 Resp: 55987
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5

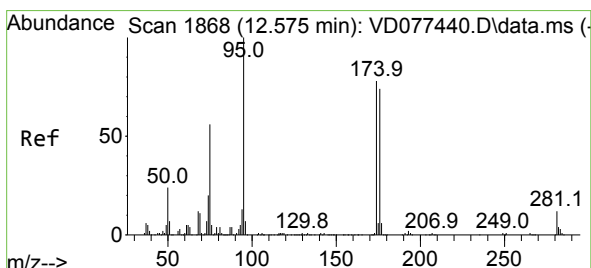
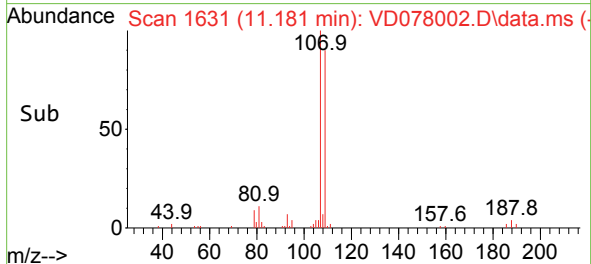
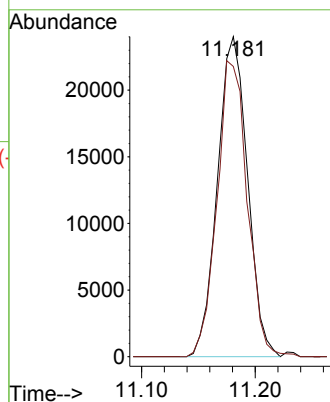
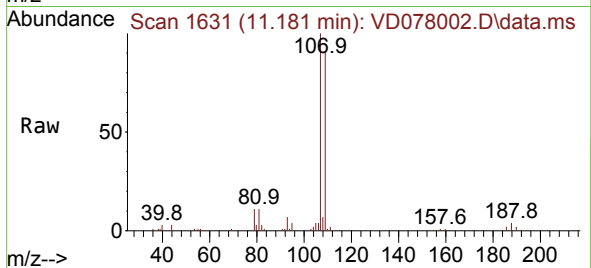




#61
1,2-Dibromoethane
Concen: 57.342 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

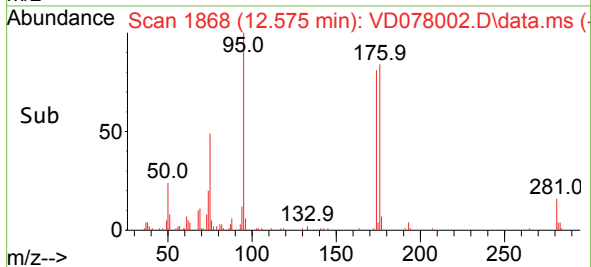
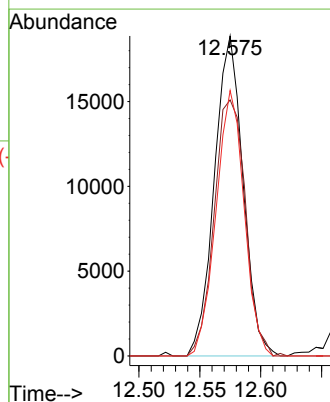
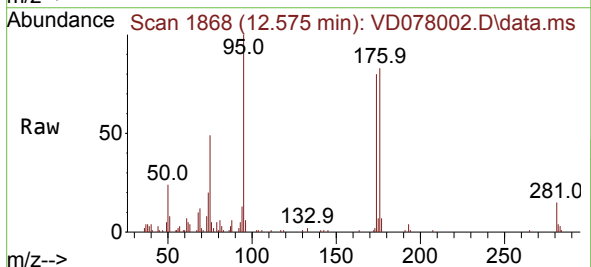
Instrument :
MSVOA_D
ClientSampleId :

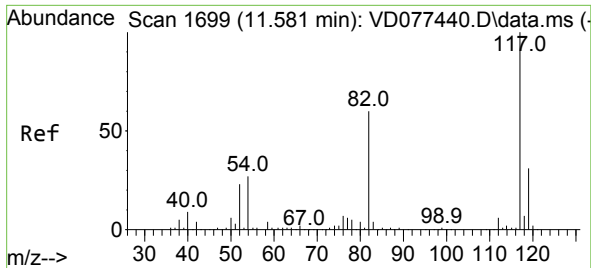
Tgt Ion:107 Resp: 44168
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 25.239 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 95 Resp: 30961
Ion Ratio Lower Upper
95 100
174 87.2 0.0 201.8
176 81.2 0.0 191.8

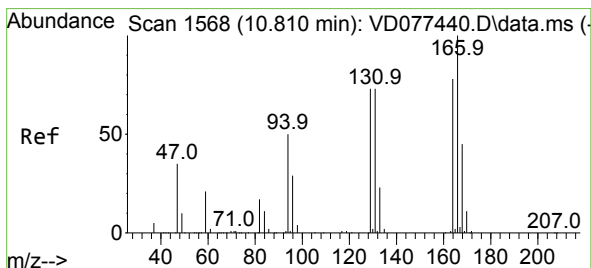
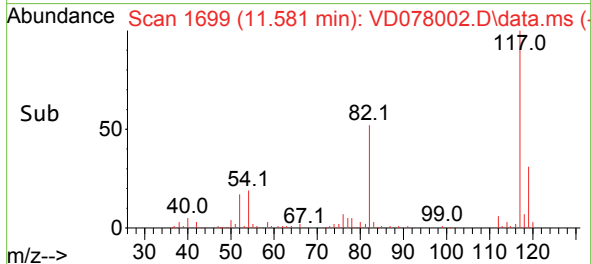
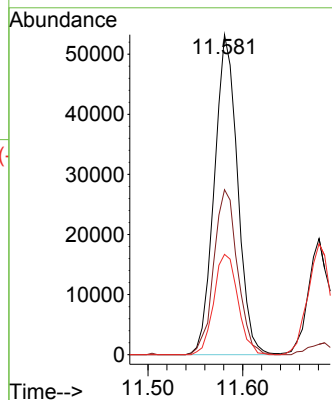
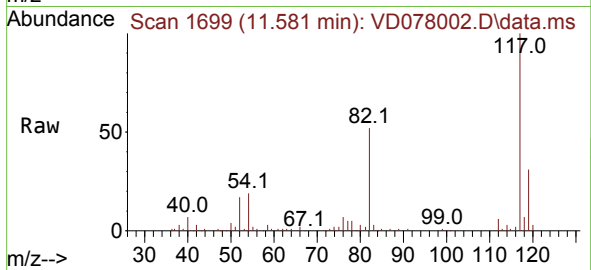




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

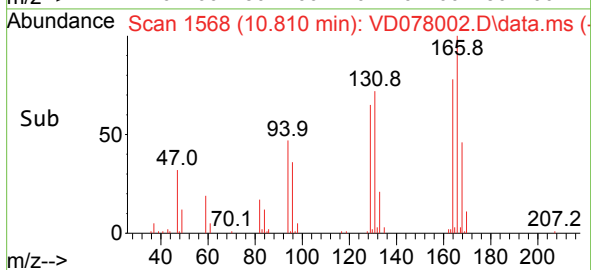
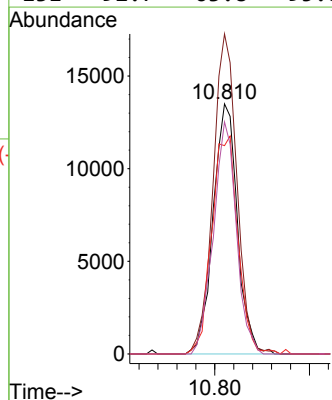
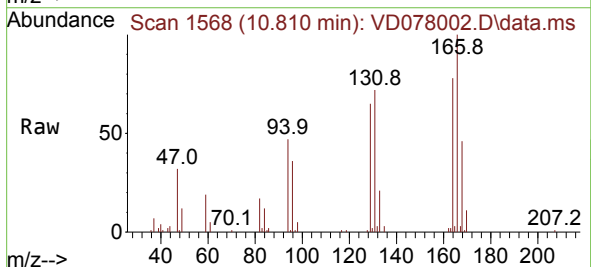
Instrument :
MSVOA_D
ClientSampleId :

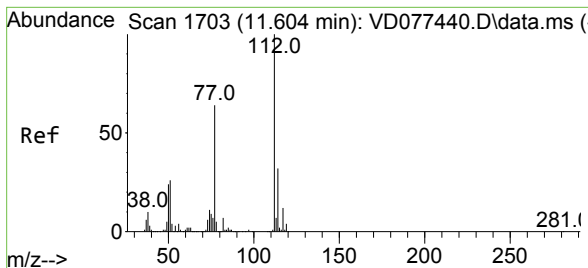
Tgt Ion:117 Resp: 90696
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 31.3 25.0 37.4



#64
Tetrachloroethene
Concen: 35.985 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion:164 Resp: 23988
Ion Ratio Lower Upper
164 100
166 127.9 99.2 148.8
129 83.3 68.4 102.6
131 92.7 63.8 95.8





#65

Chlorobenzene

Concen: 48.963 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

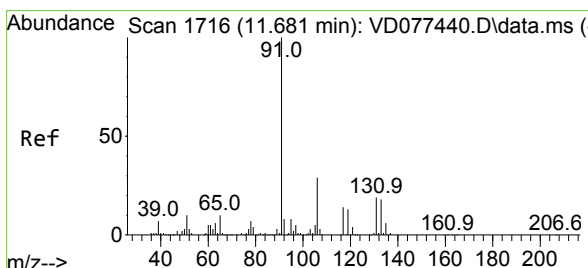
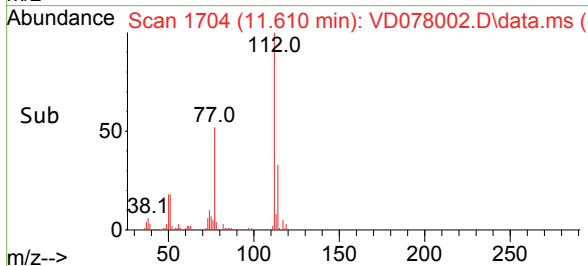
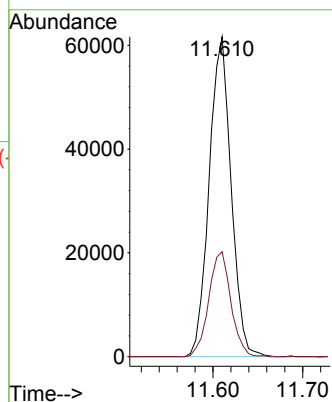
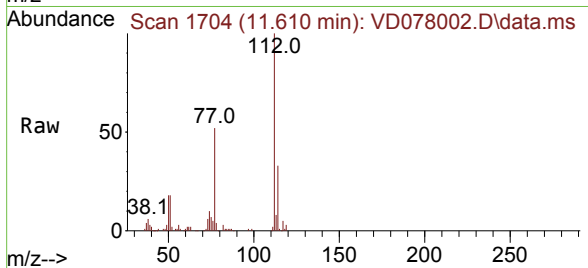
ClientSampleId :

Tgt Ion:112 Resp: 104764

Ion Ratio Lower Upper

112 100

114 32.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 60.654 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

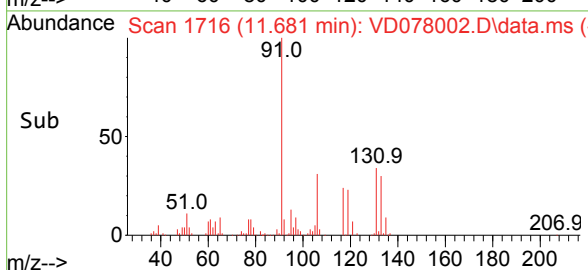
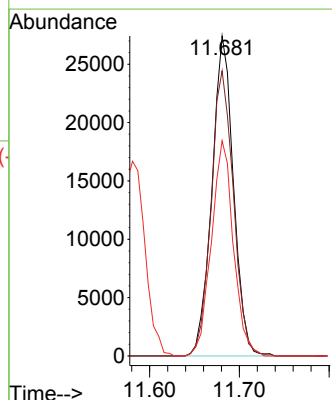
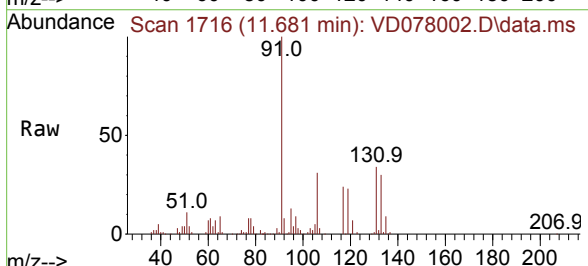
Tgt Ion:131 Resp: 45745

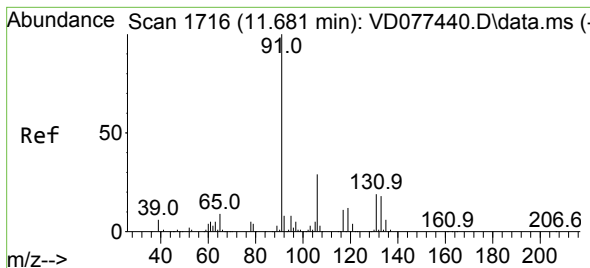
Ion Ratio Lower Upper

131 100

133 92.3 48.5 145.5

119 68.7 35.6 106.9





#67

Ethyl Benzene

Concen: 36.180 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

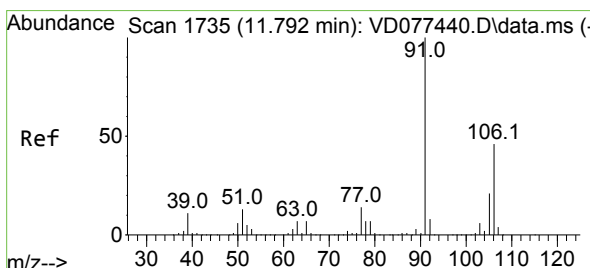
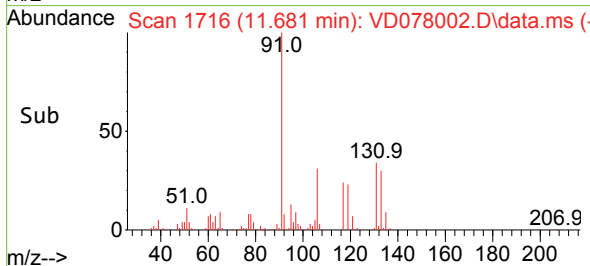
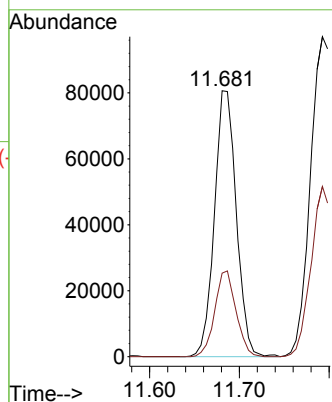
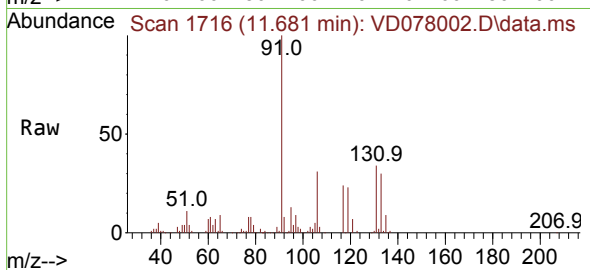
ClientSampleId :

Tgt Ion: 91 Resp: 136615

Ion Ratio Lower Upper

91 100

106 31.4 26.5 39.7



#68

m/p-Xylenes

Concen: 67.693 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD078002.D

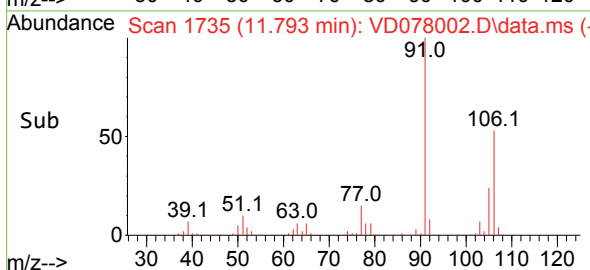
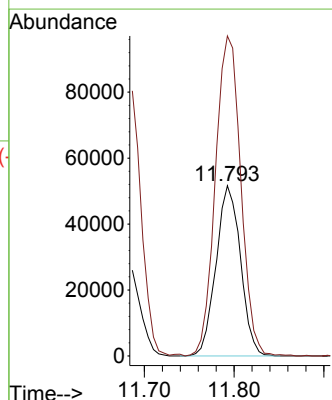
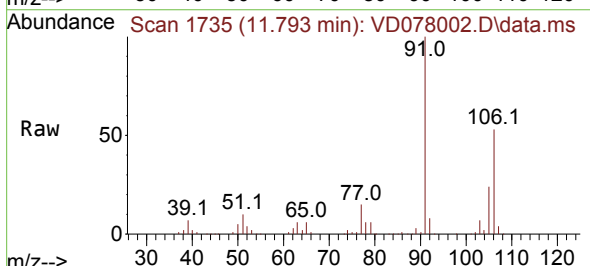
Acq: 20 Dec 2023 18:10

Tgt Ion:106 Resp: 97770

Ion Ratio Lower Upper

106 100

91 195.1 147.0 220.6

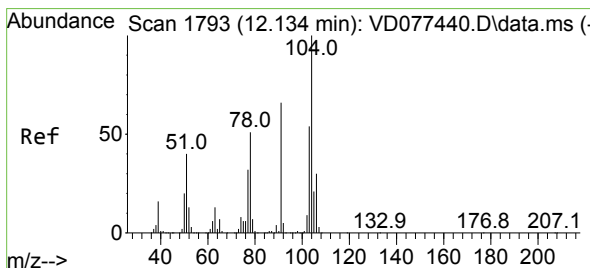
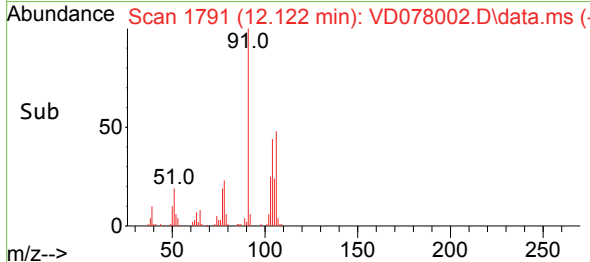
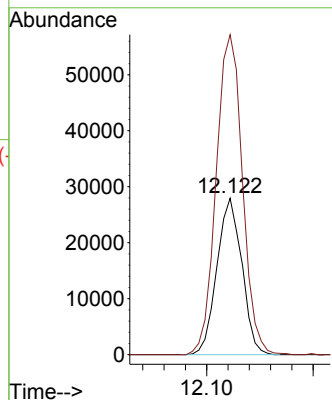
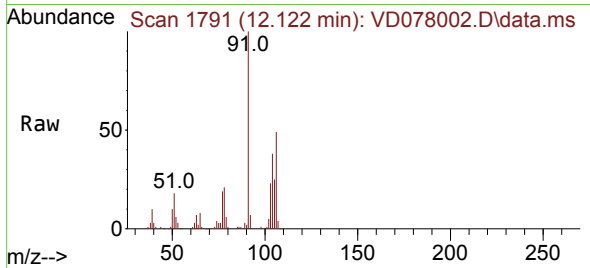




#69
o-Xylene
Concen: 34.136 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

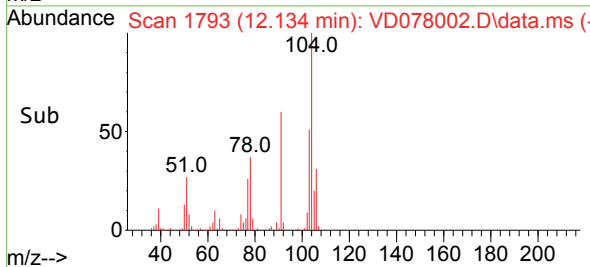
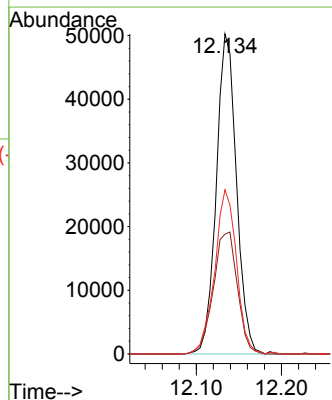
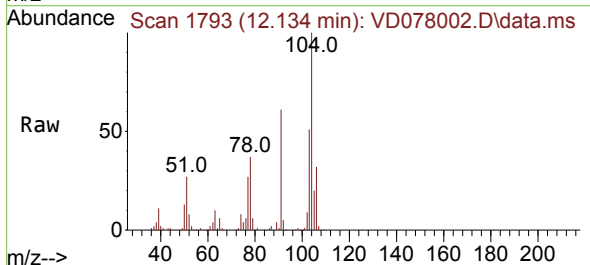
Instrument :
MSVOA_D
ClientSampleId :

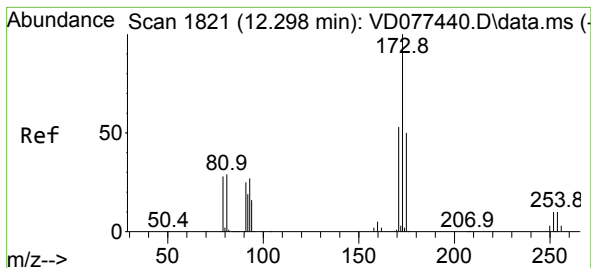
Tgt Ion:106 Resp: 45439
Ion Ratio Lower Upper
106 100
91 215.5 97.9 293.6



#70
Styrene
Concen: 41.875 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion:104 Resp: 82884
Ion Ratio Lower Upper
104 100
78 45.4 33.2 49.8
103 55.4 43.6 65.4





#71

Bromoform

Concen: 67.924 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078002.D

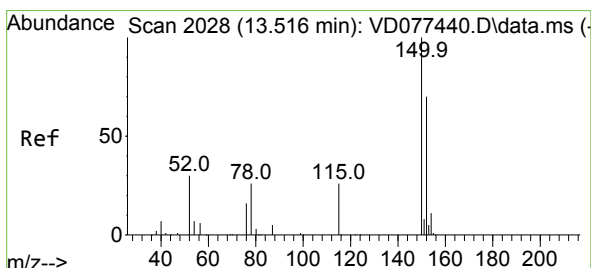
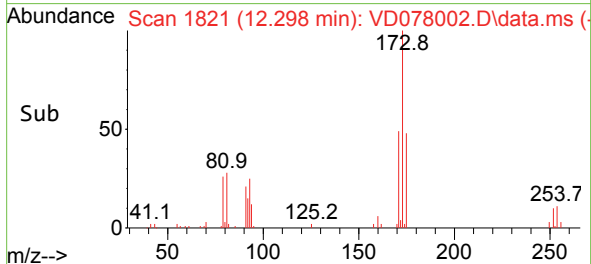
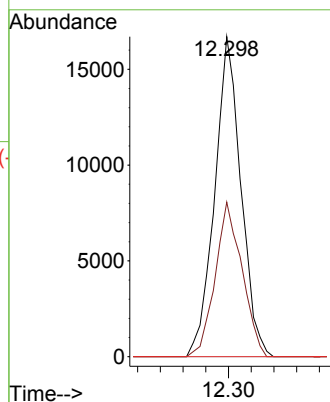
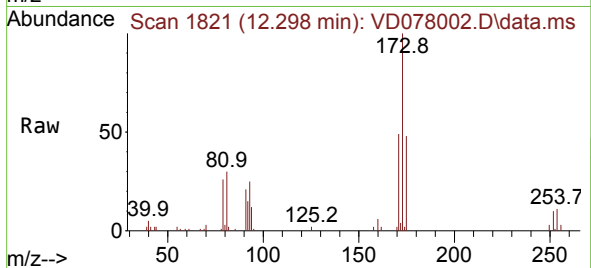
Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	26767
Ion Ratio	Lower	Upper
173	100	
175	49.4	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

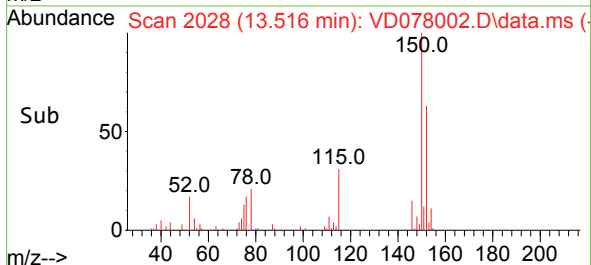
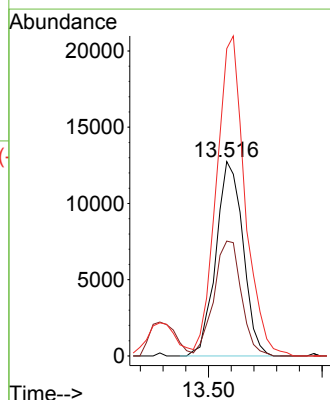
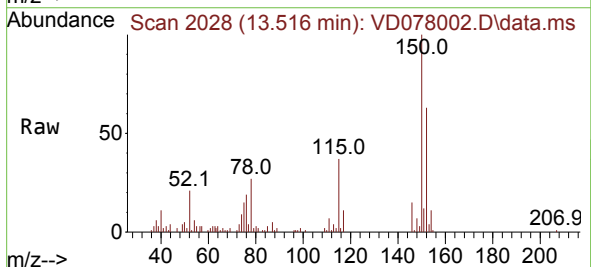
RT: 13.516 min Scan# 2028

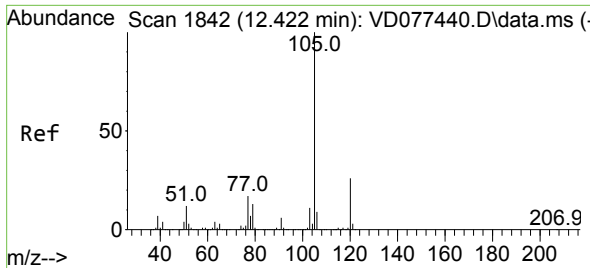
Delta R.T. -0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

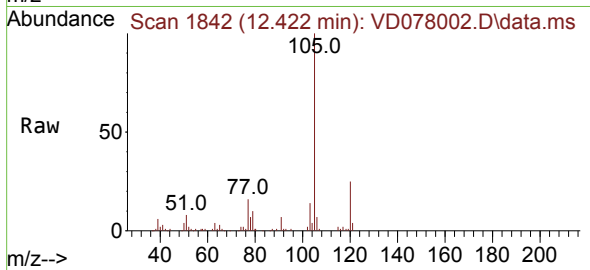
Tgt Ion:152	Resp:	21150
Ion Ratio	Lower	Upper
152	100	
115	59.8	27.1 81.3
150	172.8	0.0 353.6



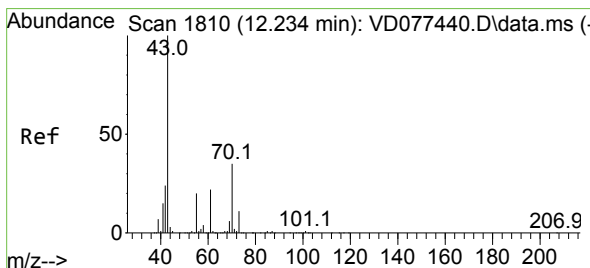
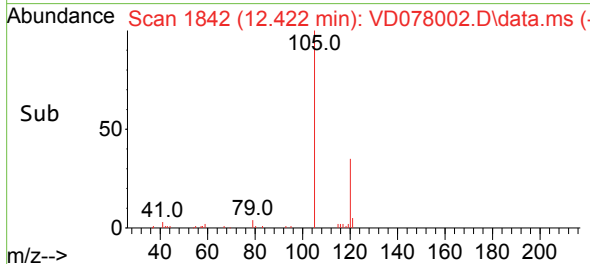
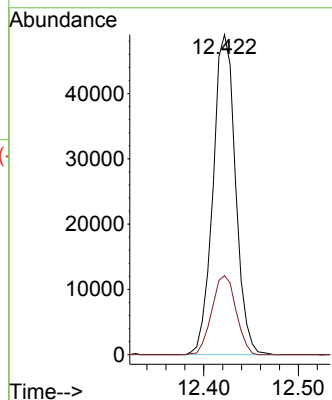


#73
Isopropylbenzene
Concen: 50.463 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

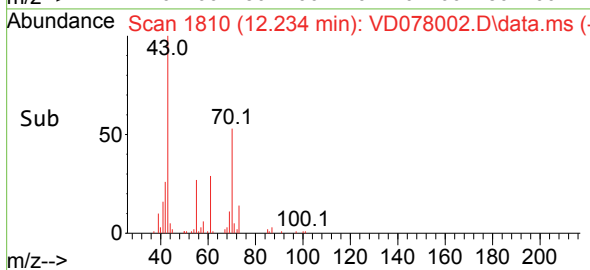
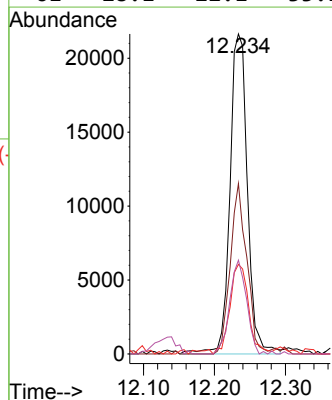
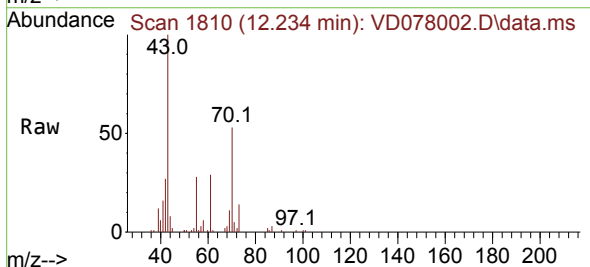


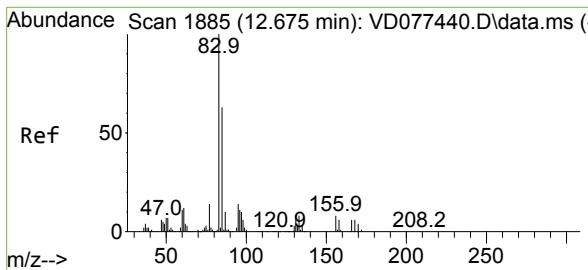
Tgt Ion:105 Resp: 80891
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 117.766 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 43 Resp: 37108
Ion Ratio Lower Upper
43 100
70 49.8 45.0 67.4
55 29.7 23.8 35.6
61 28.1 22.1 33.1

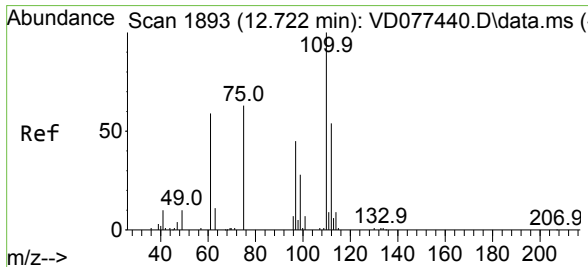
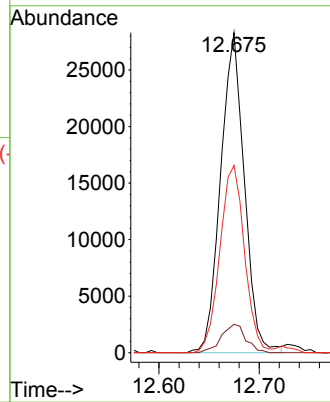
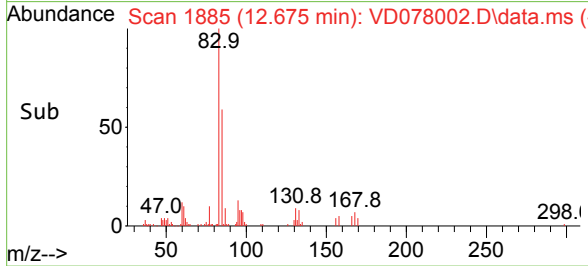
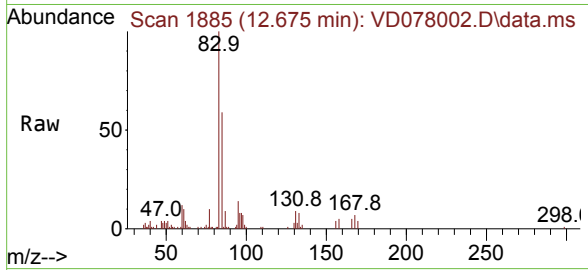




#75
 1,1,2,2-Tetrachloroethane
 Concen: 166.290 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

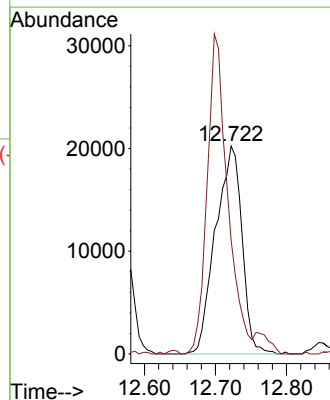
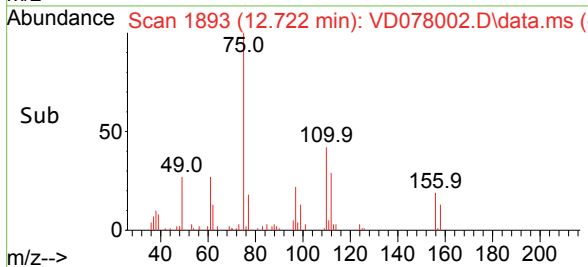
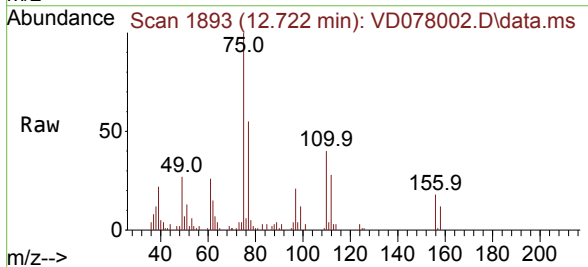
Instrument :
 MSVOA_D
 ClientSampleId :

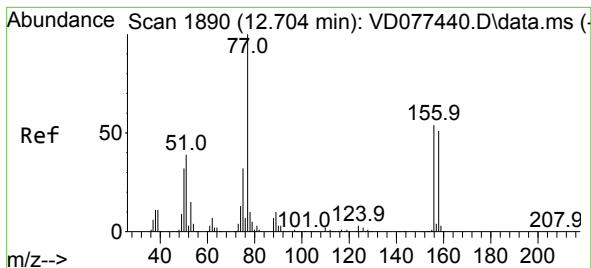
Tgt Ion: 83 Resp: 46478
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.1 15.3
 85 60.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 284.209 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

Tgt Ion: 75 Resp: 52206
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 84.439 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

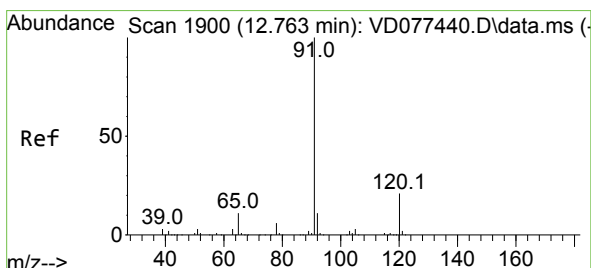
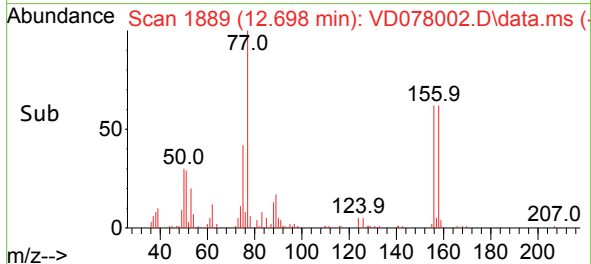
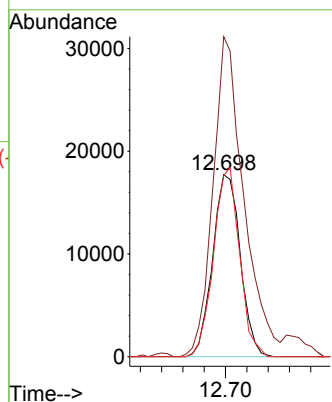
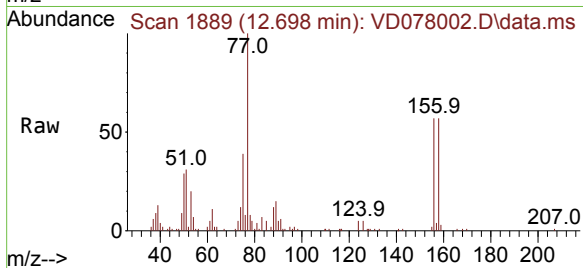
Tgt Ion:156 Resp: 31837

Ion Ratio Lower Upper

156 100

77 196.2 76.8 230.4

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 42.915 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078002.D

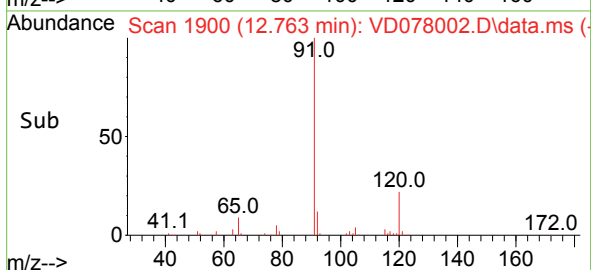
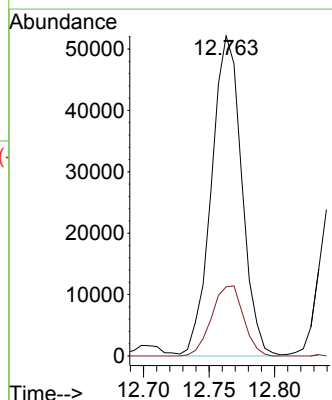
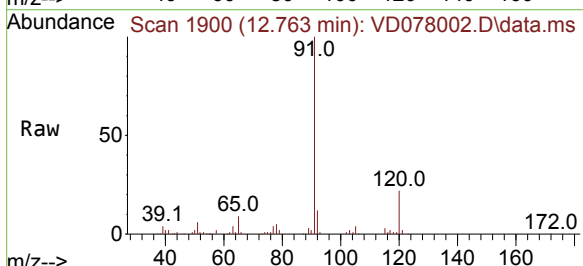
Acq: 20 Dec 2023 18:10

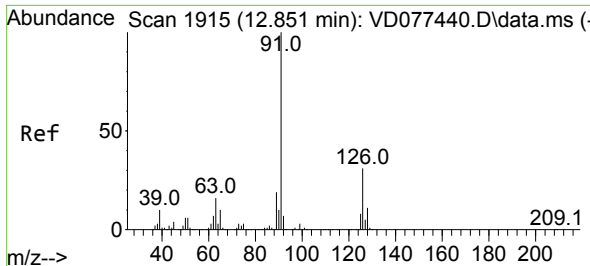
Tgt Ion: 91 Resp: 83826

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 54.832 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

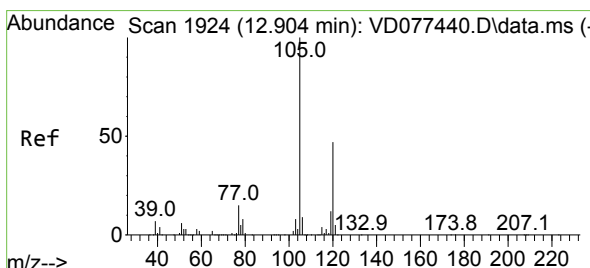
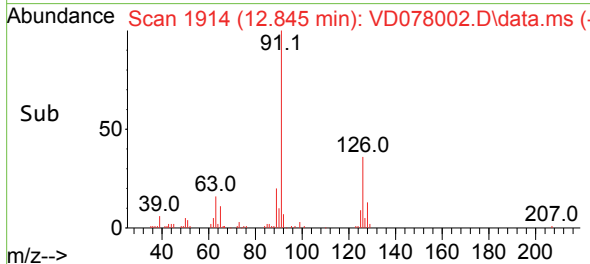
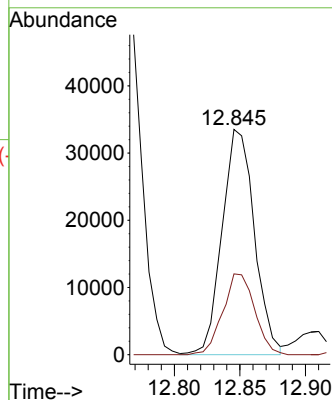
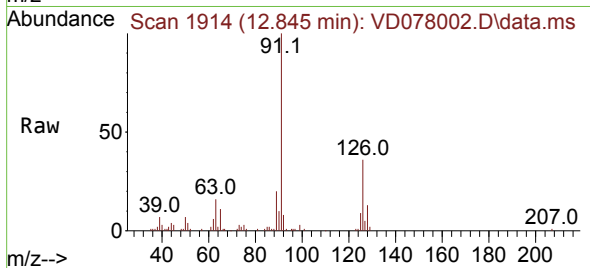
ClientSampleId :

Tgt Ion: 91 Resp: 57397

Ion Ratio Lower Upper

91 100

126 35.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 38.162 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078002.D

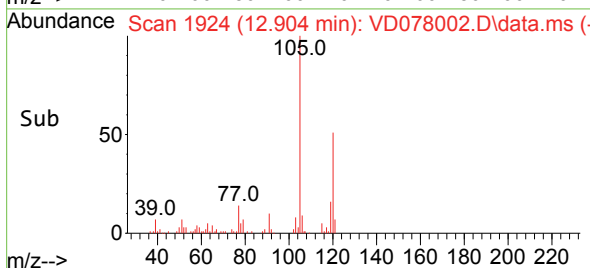
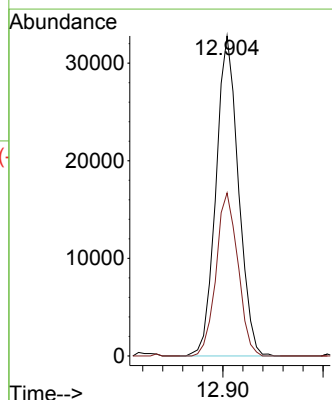
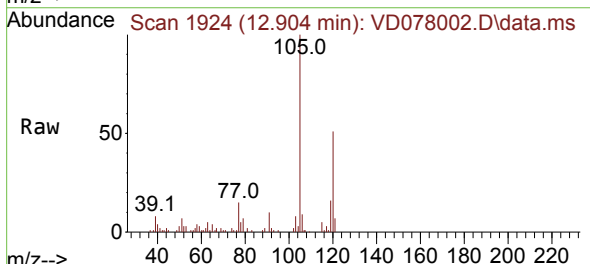
Acq: 20 Dec 2023 18:10

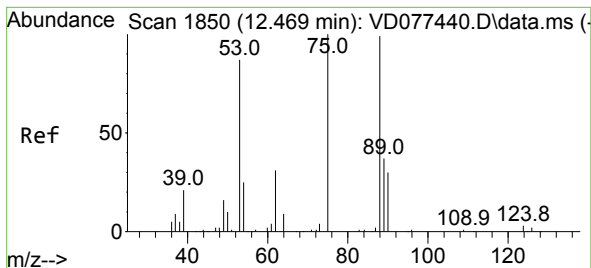
Tgt Ion:105 Resp: 51020

Ion Ratio Lower Upper

105 100

120 49.4 26.4 79.2

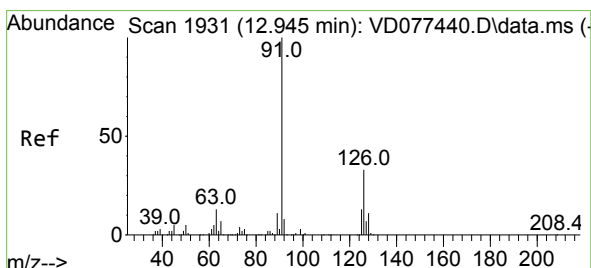
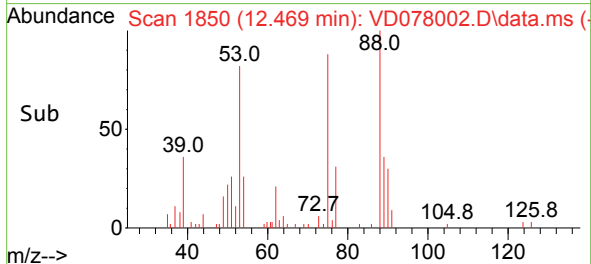
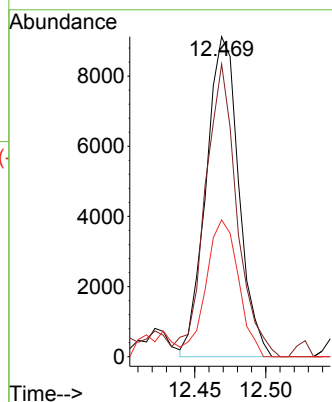
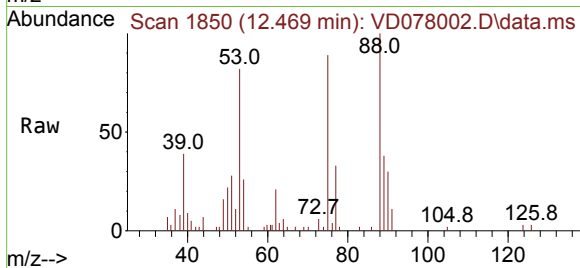




#81
trans-1,4-Dichloro-2-butene
Concen: 161.246 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

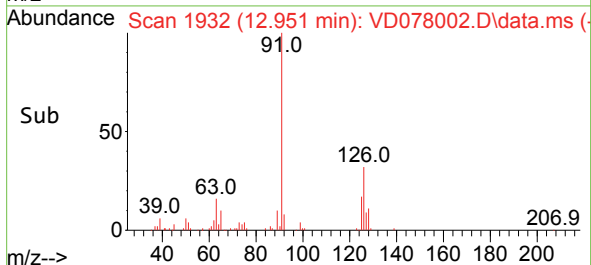
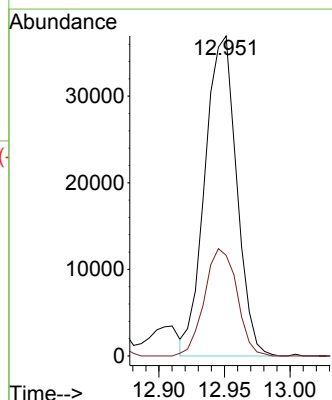
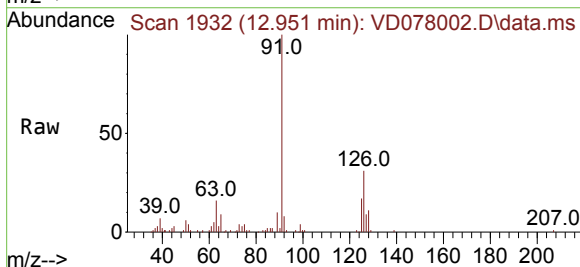
Instrument :
MSVOA_D
ClientSampleId :

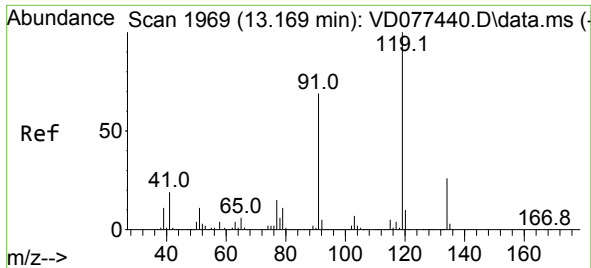
Tgt Ion:	75	Resp:	14619
Ion Ratio	Lower	Upper	
75	100		
53	88.6	63.0	94.4
89	42.2	37.9	56.9



#82
4-Chlorotoluene
Concen: 56.842 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion:	91	Resp:	62204
Ion Ratio	Lower	Upper	
91	100		
126	34.3	19.4	58.4

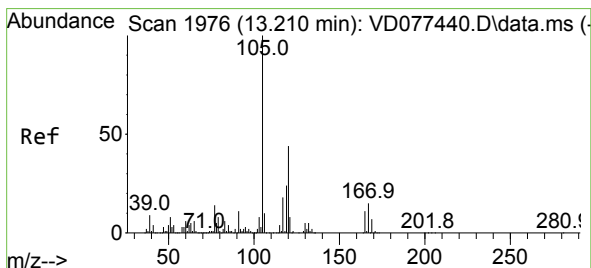
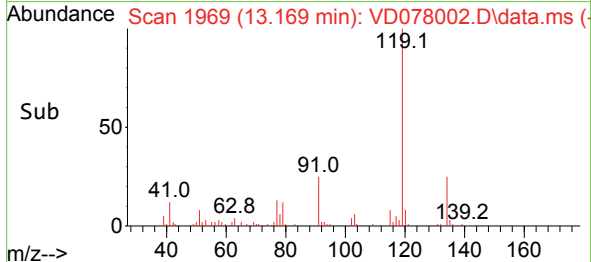
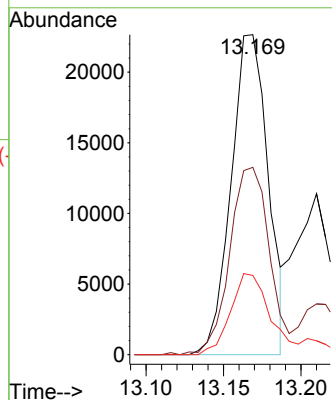
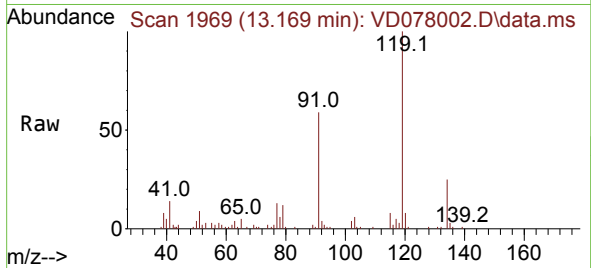




#83
tert-Butylbenzene
Concen: 33.479 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

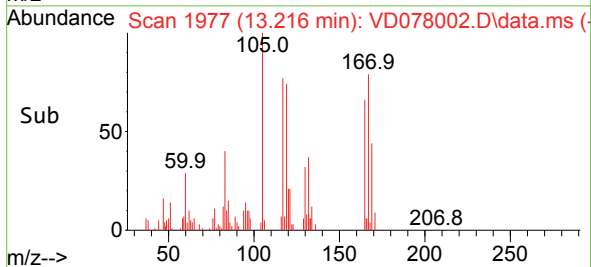
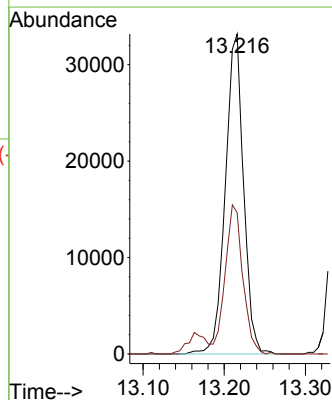
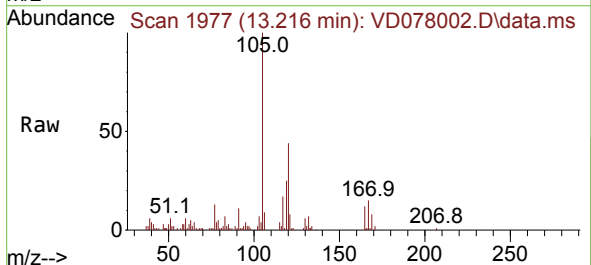
Instrument :
MSVOA_D
ClientSampleId :

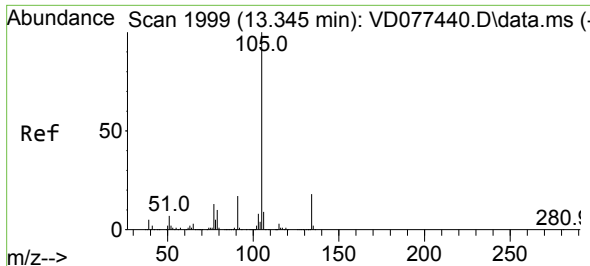
Tgt Ion:119 Resp: 37787
Ion Ratio Lower Upper
119 100
91 62.6 29.3 87.8
134 26.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 38.695 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion:105 Resp: 51743
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9

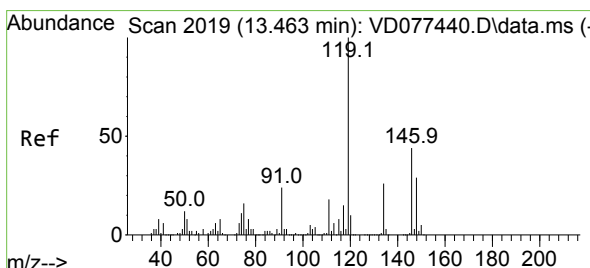
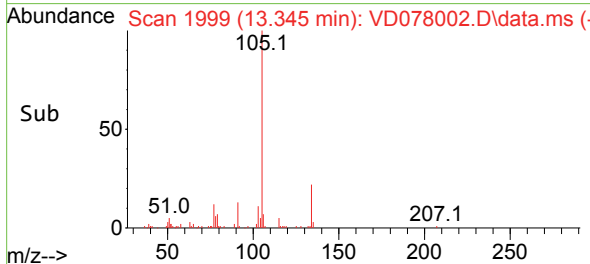
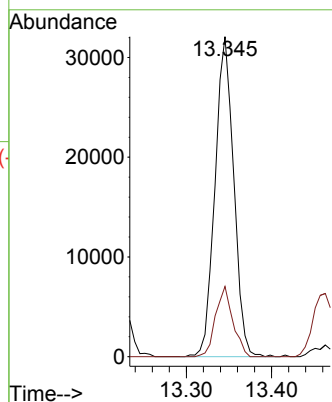
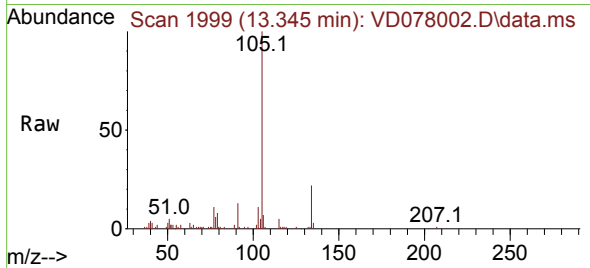




#85
 sec-Butylbenzene
 Concen: 29.430 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

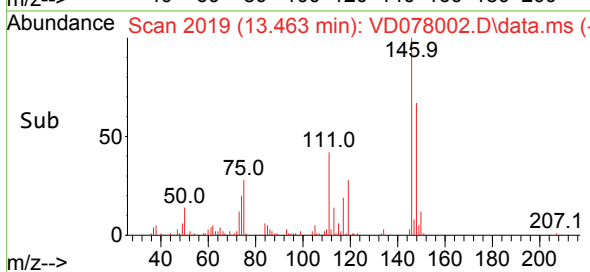
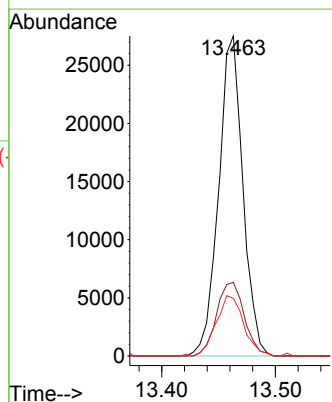
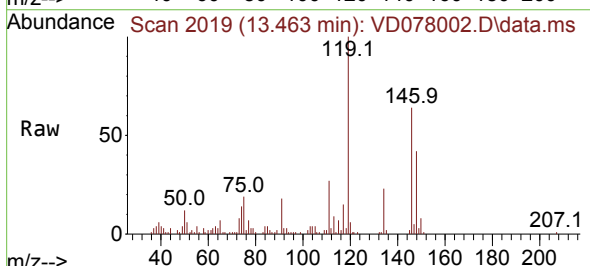
Instrument :
 MSVOA_D
 ClientSampleId :

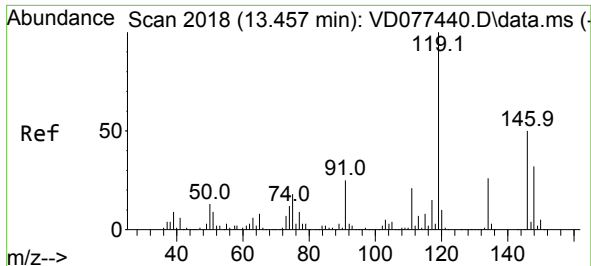
Tgt Ion:105 Resp: 49101
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 27.296 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

Tgt Ion:119 Resp: 40773
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 21.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 43.486 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

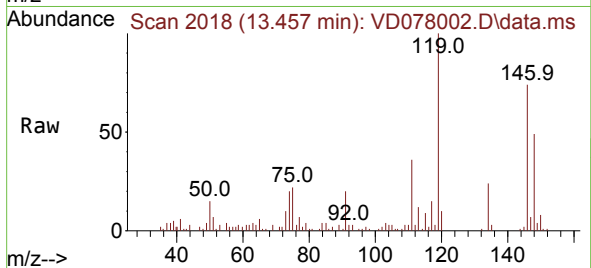
Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :



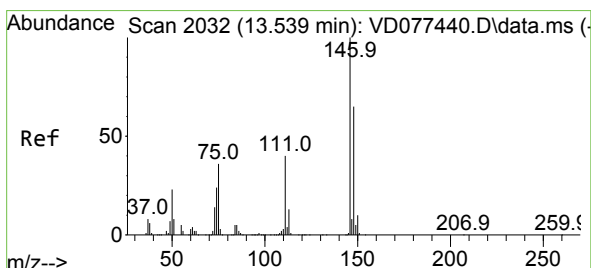
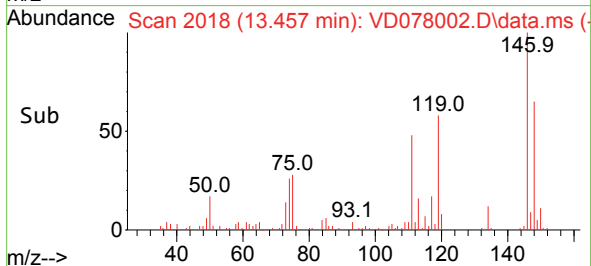
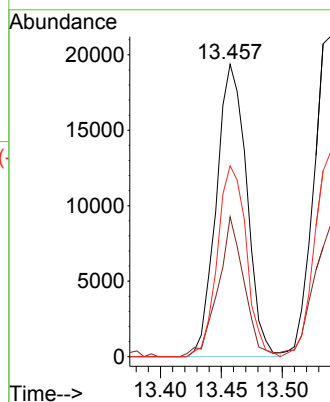
Tgt Ion:146 Resp: 33530

Ion Ratio Lower Upper

146 100

111 40.8 17.9 53.8

148 62.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 45.750 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

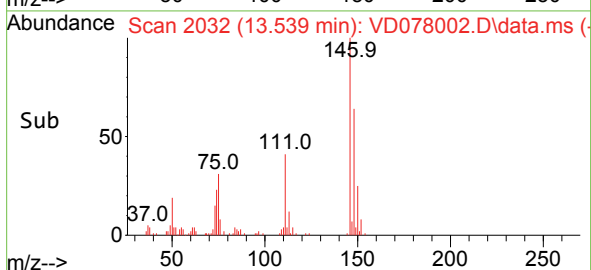
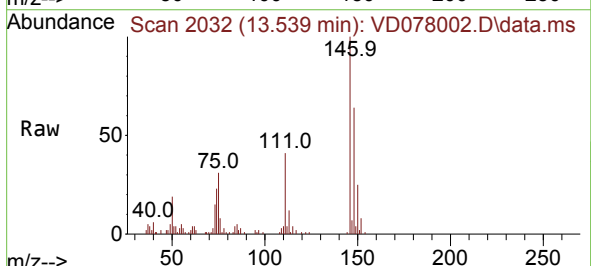
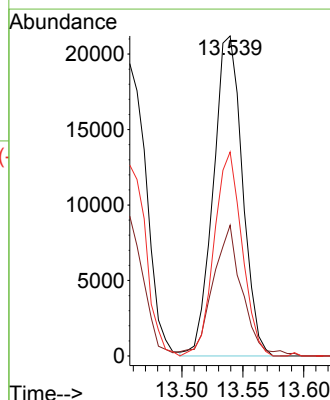
Tgt Ion:146 Resp: 35315

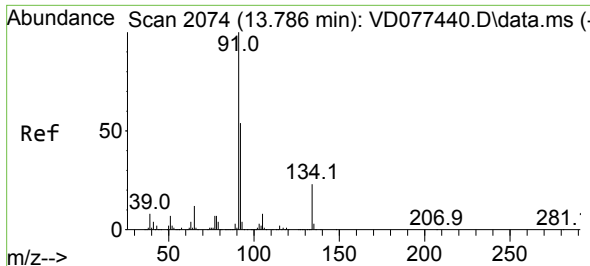
Ion Ratio Lower Upper

146 100

111 41.3 17.4 52.3

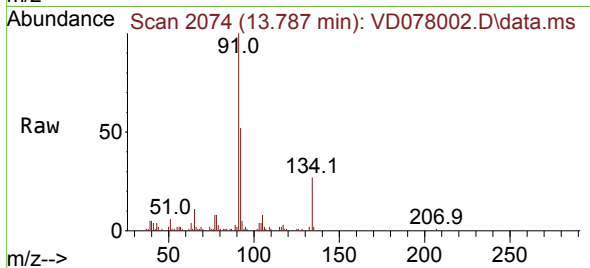
148 61.1 31.7 95.1



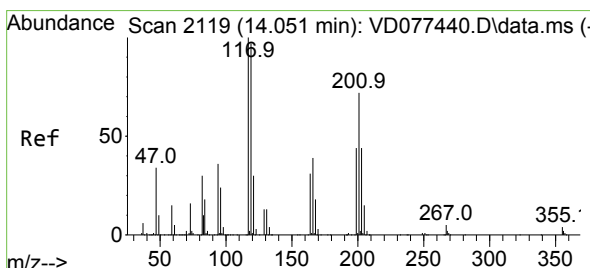
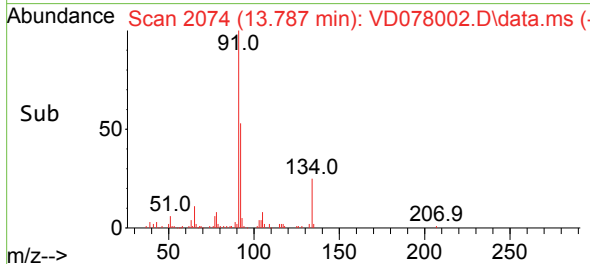
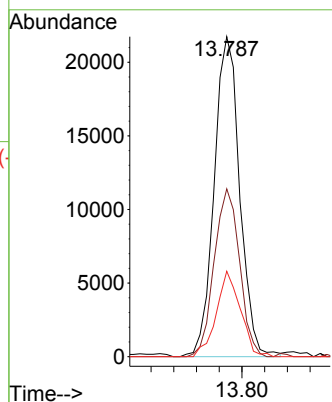


#89
n-Butylbenzene
Concen: 24.187 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

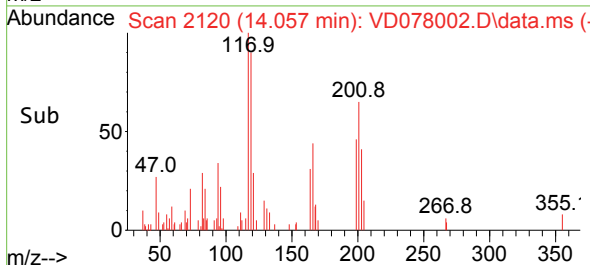
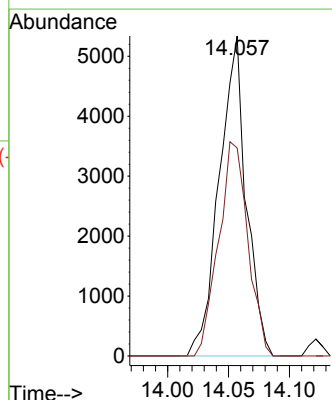
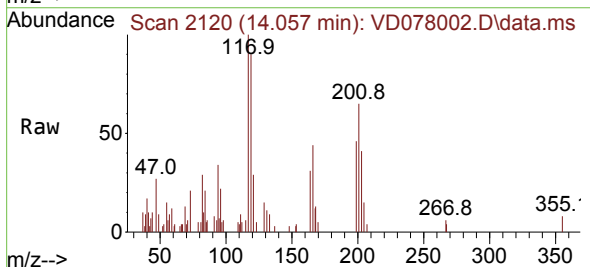


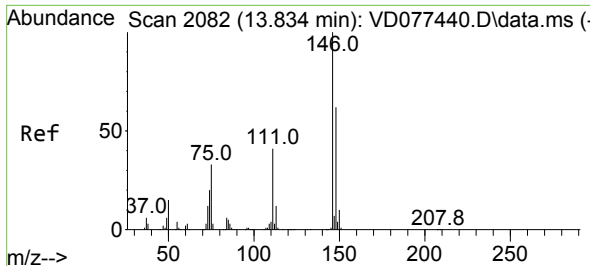
Tgt Ion: 91 Resp: 33996
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 25.2 13.8 41.3



#90
Hexachloroethane
Concen: 29.992 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078002.D
Acq: 20 Dec 2023 18:10

Tgt Ion: 117 Resp: 8239
Ion Ratio Lower Upper
117 100
201 72.5 38.5 115.5

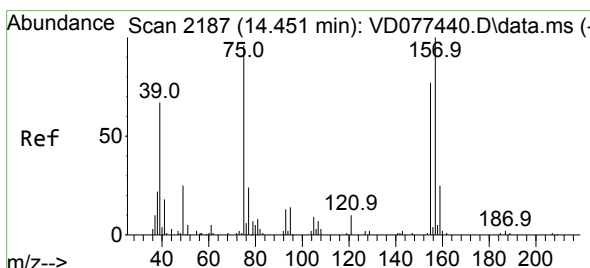
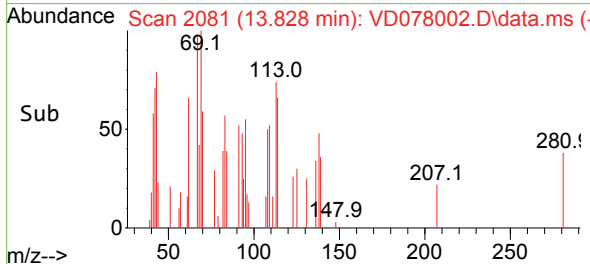
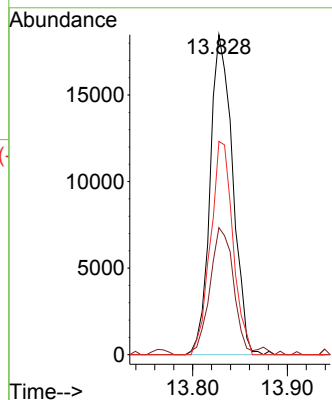
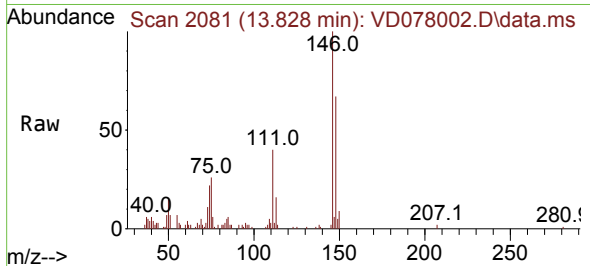




#91
 1,2-Dichlorobenzene
 Concen: 46.638 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.006 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

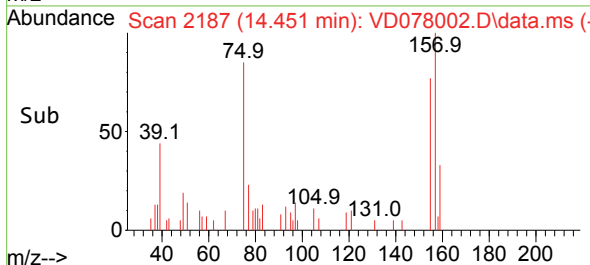
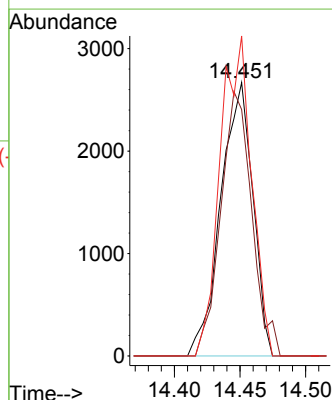
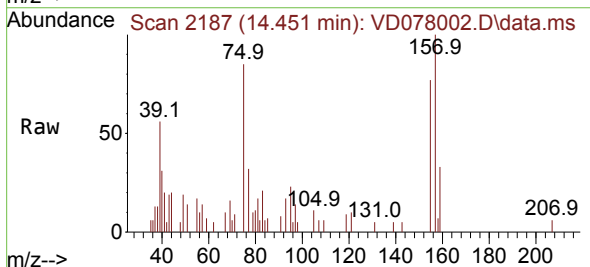
Instrument :
 MSVOA_D
 ClientSampleId :

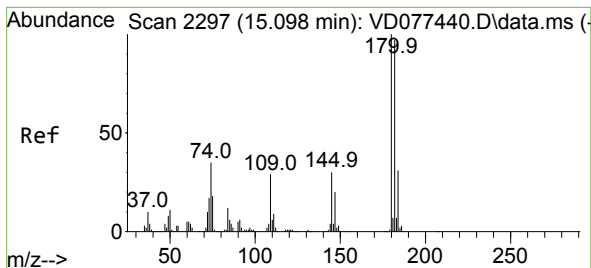
Tgt Ion:146 Resp: 30583
 Ion Ratio Lower Upper
 146 100
 111 41.3 18.3 54.8
 148 66.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 113.022 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: VD078002.D
 Acq: 20 Dec 2023 18:10

Tgt Ion: 75 Resp: 4526
 Ion Ratio Lower Upper
 75 100
 155 93.8 47.9 143.8
 157 114.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 15.672 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

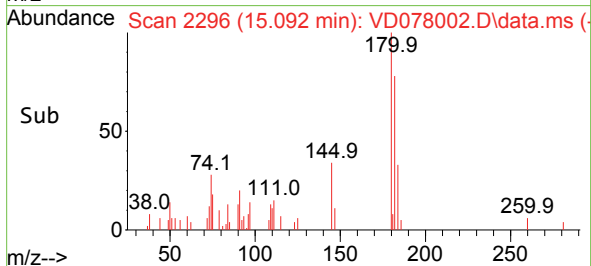
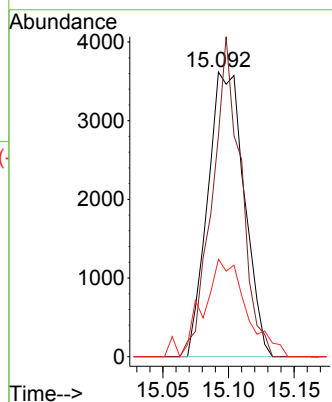
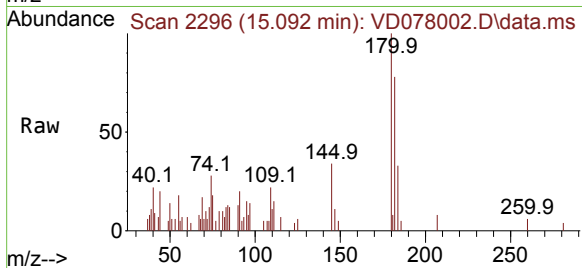
Tgt Ion:180 Resp: 7020

Ion Ratio Lower Upper

180 100

182 87.6 48.5 145.6

145 40.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 10.553 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

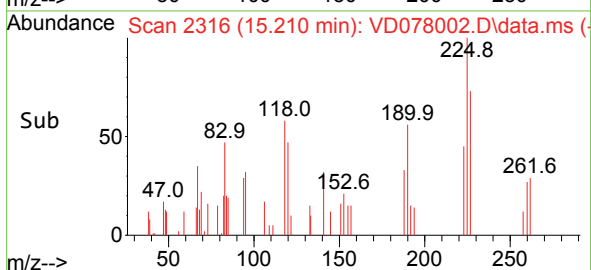
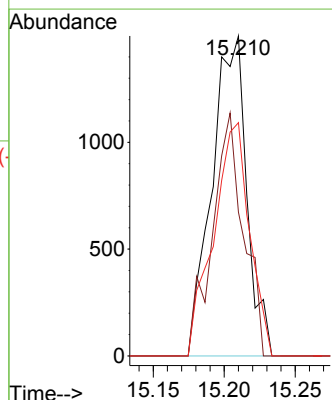
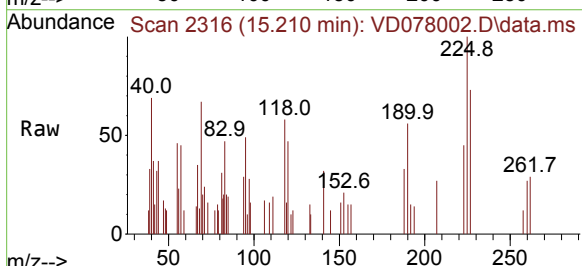
Tgt Ion:225 Resp: 2549

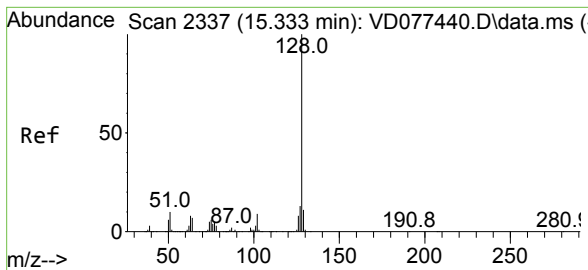
Ion Ratio Lower Upper

225 100

223 68.0 31.6 94.8

227 75.9 31.7 95.1





#95

Naphthalene

Concen: 32.918 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

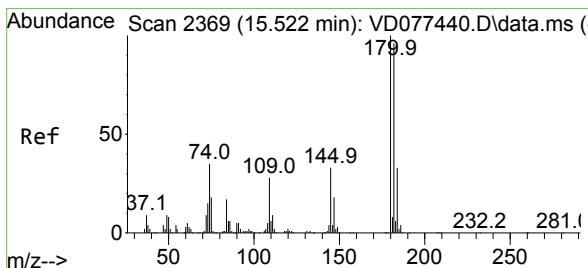
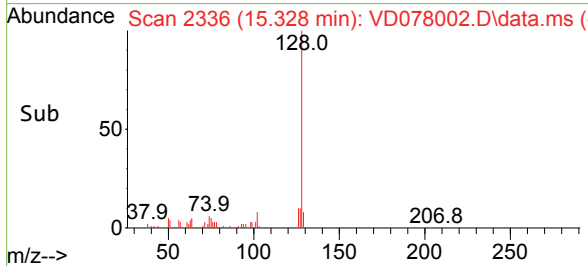
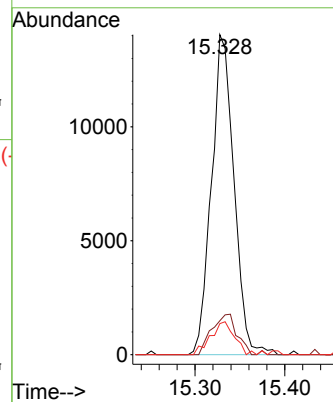
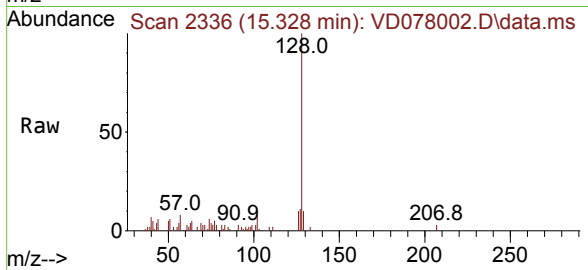
Tgt Ion:128 Resp: 24498

Ion Ratio Lower Upper

128 100

127 10.6 10.5 15.7

129 9.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 14.423 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078002.D

Acq: 20 Dec 2023 18:10

Tgt Ion:180 Resp: 5326

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.9

145 37.3 15.1 45.3

