

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078058.D
 Acq On : 22 Dec 2023 12:42
 Operator : RP/MD
 Sample : VD1222SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 23 03:34:27 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	137893	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	233209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	211422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	108058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73765	45.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.800%
35) Dibromofluoromethane	7.810	113	79386	48.597	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.269	98	310515	47.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.575	95	95082	48.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	26348	15.296	ug/l	94
3) Chloromethane	2.152	50	37604	16.016	ug/l	93
4) Vinyl Chloride	2.287	62	56358	17.681	ug/l	96
5) Bromomethane	2.693	94	41478	23.191	ug/l	99
6) Chloroethane	2.840	64	42263	19.449	ug/l	97
7) Trichlorofluoromethane	3.181	101	50475	17.194	ug/l	96
8) Diethyl Ether	3.599	74	13613	16.514	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.981	101	30969	18.440	ug/l	94
10) Methyl Iodide	4.163	142	24653	21.232	ug/l	93
11) Tert butyl alcohol	5.052	59	7328	86.269	ug/l	# 88
12) 1,1-Dichloroethene	3.946	96	26383	15.917	ug/l	# 84
13) Acrolein	3.805	56	8423	49.005	ug/l	84
14) Allyl chloride	4.575	41	34305	15.048	ug/l	87
15) Acrylonitrile	5.257	53	28407	80.488	ug/l	93
16) Acetone	4.034	43	37151	84.964	ug/l	# 76
17) Carbon Disulfide	4.281	76	67377	12.015	ug/l	97
18) Methyl Acetate	4.569	43	19719	15.409	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	58164	16.539	ug/l	94
20) Methylene Chloride	4.810	84	41825	18.703	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	30329	16.155	ug/l	95
22) Diisopropyl ether	6.228	45	80429	16.883	ug/l	# 92
23) Vinyl Acetate	6.157	43	179449	77.136	ug/l	93
24) 1,1-Dichloroethane	6.116	63	57454	17.809	ug/l	97
25) 2-Butanone	7.087	43	42810	85.995	ug/l	# 84
26) 2,2-Dichloropropane	7.087	77	47528	17.547	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	36205	17.922	ug/l	90
28) Bromochloromethane	7.428	49	21731	16.670	ug/l	# 79
29) Tetrahydrofuran	7.446	42	19737	76.280	ug/l	# 89
30) Chloroform	7.604	83	60385	18.702	ug/l	99
31) Cyclohexane	7.887	56	42313	14.641	ug/l	93
32) 1,1,1-Trichloroethane	7.799	97	50354	17.691	ug/l	97
36) 1,1-Dichloropropene	8.016	75	42419	16.234	ug/l	96
37) Ethyl Acetate	7.169	43	15721	15.430	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	45316	17.396	ug/l	94
39) Methylcyclohexane	9.275	83	46389	14.976	ug/l	# 91
40) Benzene	8.257	78	122955	16.579	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	7.393	41	9531	18.405	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	33715	17.538	ug/l	93
43) Isopropyl Acetate	8.369	43	27585	15.231	ug/l #	94
44) Trichloroethene	9.034	130	33363	17.263	ug/l	89
45) 1,2-Dichloropropane	9.310	63	32049	17.777	ug/l	96
46) Dibromomethane	9.398	93	17238	18.071	ug/l	93
47) Bromodichloromethane	9.587	83	45439	18.793	ug/l	99
48) Methyl methacrylate	9.381	41	15213	14.777	ug/l #	84
49) 1,4-Dioxane	9.387	88	3478	367.189	ug/l #	86
51) 4-Methyl-2-Pentanone	10.163	43	74280	80.361	ug/l	92
52) Toluene	10.340	92	79379	17.255	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	39943	17.203	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	48585	17.307	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	24933	19.109	ug/l	94
56) Ethyl methacrylate	10.598	69	18541	16.120	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	39647	17.628	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.875	63	46844	71.415	ug/l	94
59) 2-Hexanone	10.922	43	61253	79.874	ug/l	92
60) Dibromochloromethane	11.075	129	29843	18.997	ug/l	95
61) 1,2-Dibromoethane	11.181	107	21958	17.878	ug/l	95
64) Tetrachloroethene	10.810	164	26238	16.885	ug/l	95
65) Chlorobenzene	11.610	112	86941	16.188	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.687	131	31591	17.969	ug/l	99
67) Ethyl Benzene	11.687	91	150676	17.118	ug/l	94
68) m/p-Xylenes	11.798	106	116518	34.607	ug/l	92
69) o-Xylene	12.122	106	53579	17.267	ug/l	90
70) Styrene	12.134	104	81208	17.600	ug/l	93
71) Bromoform	12.298	173	17100	18.615	ug/l #	94
73) Isopropylbenzene	12.422	105	148481	18.130	ug/l	95
74) N-amyl acetate	12.234	43	26271	16.319	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	27541	19.286	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	33524	35.721	ug/l #	100
77) Bromobenzene	12.704	156	35624	18.493	ug/l	92
78) n-propylbenzene	12.763	91	184694	18.507	ug/l	96
79) 2-Chlorotoluene	12.851	91	96625	18.067	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	122380	17.916	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	7835	16.915	ug/l	92
82) 4-Chlorotoluene	12.951	91	107561	19.238	ug/l	95
83) tert-Butylbenzene	13.169	119	104817	18.176	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	125374	18.351	ug/l	96
85) sec-Butylbenzene	13.345	105	160148	18.788	ug/l	97
86) p-Isopropyltoluene	13.463	119	137959	18.077	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	71649	18.188	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	73540	17.665	ug/l	97
89) n-Butylbenzene	13.786	91	131012	18.244	ug/l	99
90) Hexachloroethane	14.057	117	29302	20.877	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	62554	18.671	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3844	17.954	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	38371	16.767	ug/l	97
94) Hexachlorobutadiene	15.210	225	21779	17.648	ug/l	99
95) Naphthalene	15.333	128	64339	16.921	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.522	180	31794	16.852	ug/l	99

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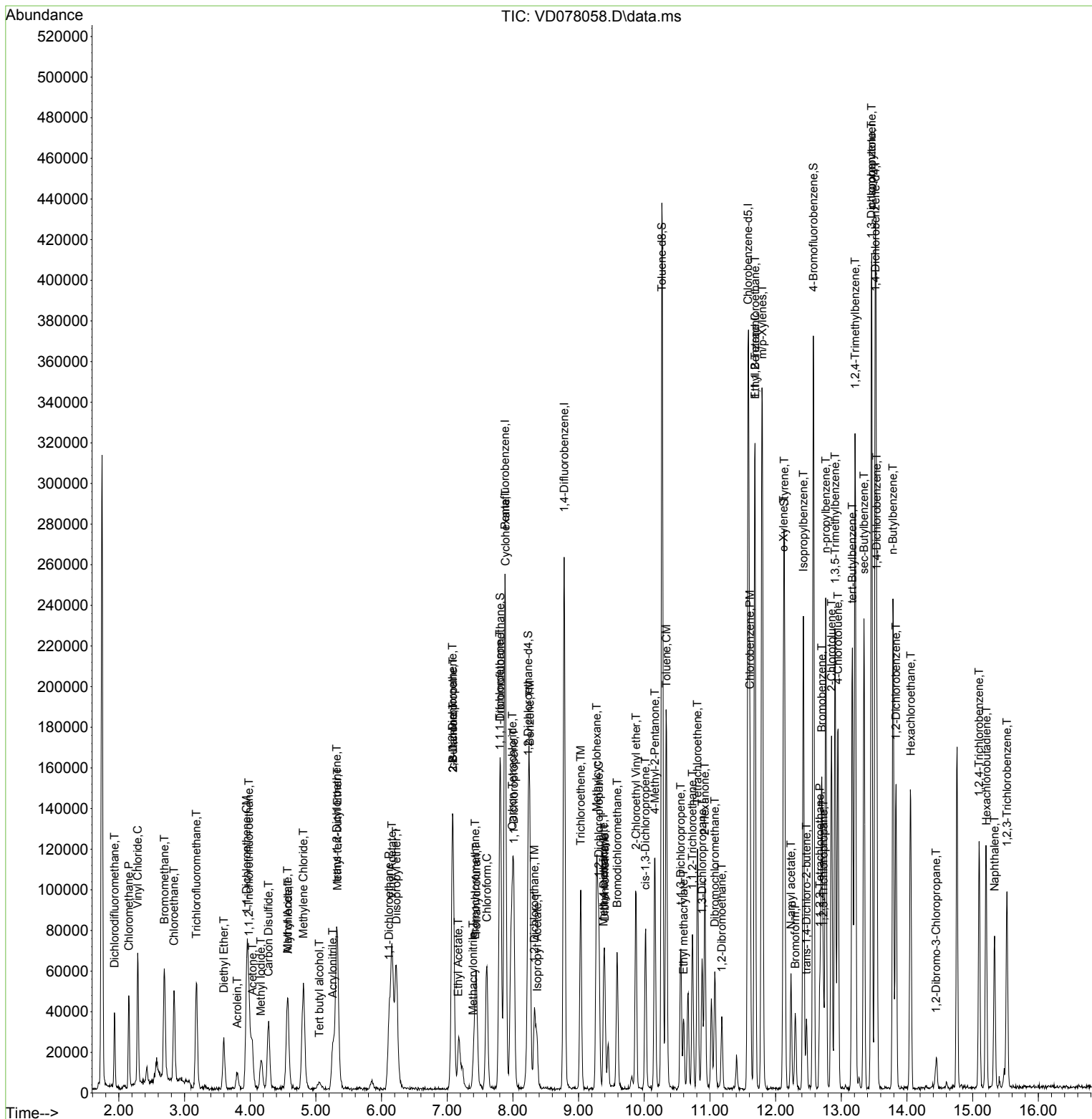
Instrument :
MSVOA_D
ClientSampleId :

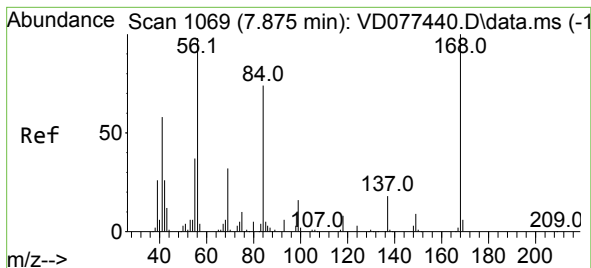
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078058.D

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Instrument :

MSVOA_D

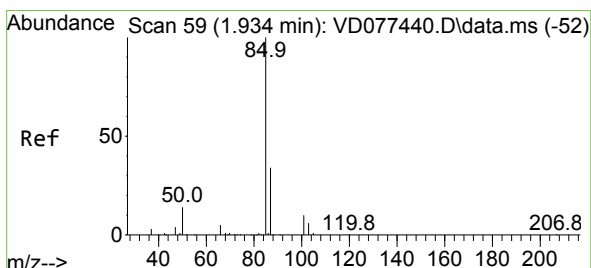
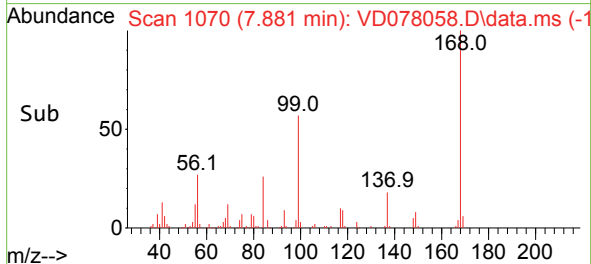
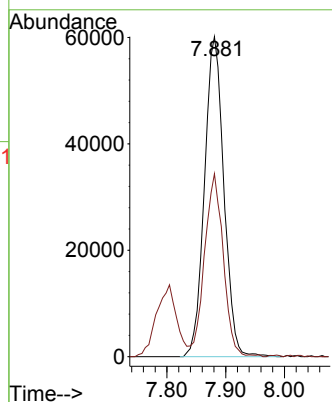
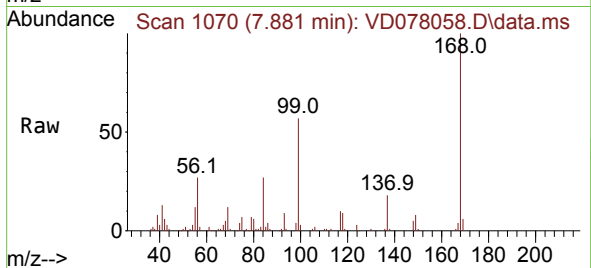
ClientSampleId :

Tgt Ion:168 Resp: 137893

Ion Ratio Lower Upper

168 100

99 56.8 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 15.296 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078058.D

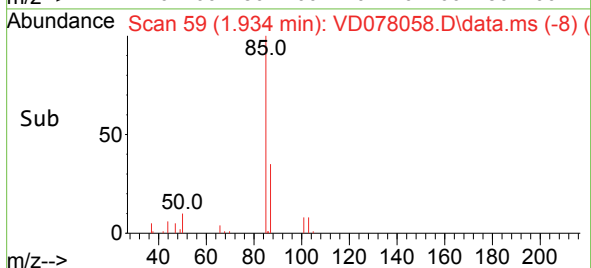
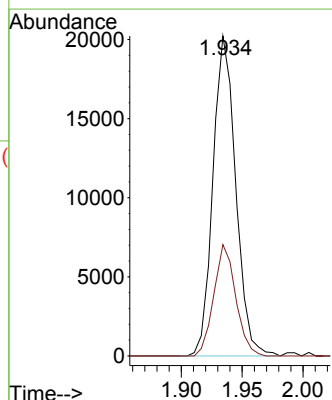
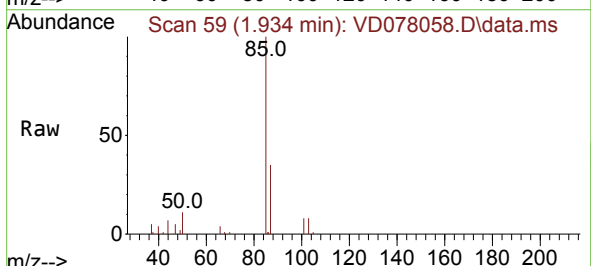
Acq: 22 Dec 2023 12:42

Tgt Ion: 85 Resp: 26348

Ion Ratio Lower Upper

85 100

87 34.8 15.7 47.0

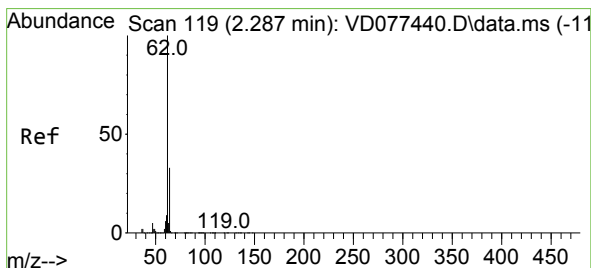
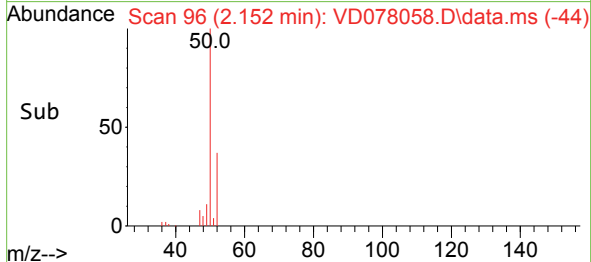
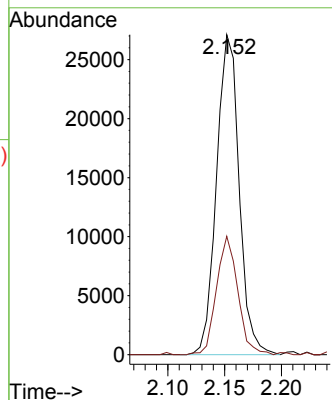
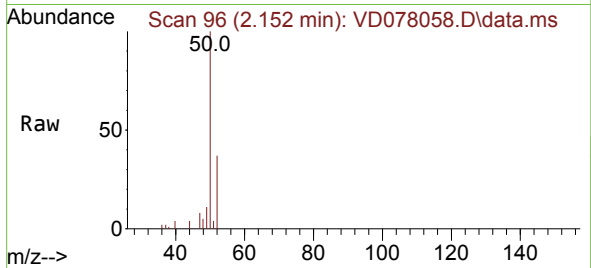




#3
Chloromethane
Concen: 16.016 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

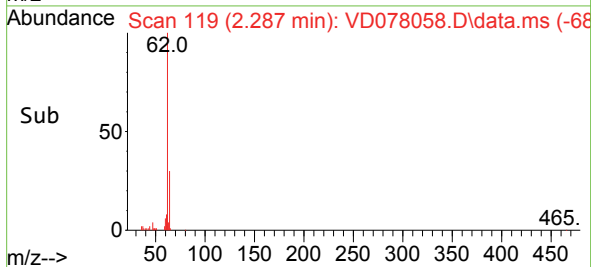
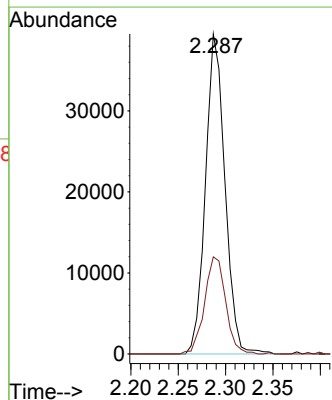
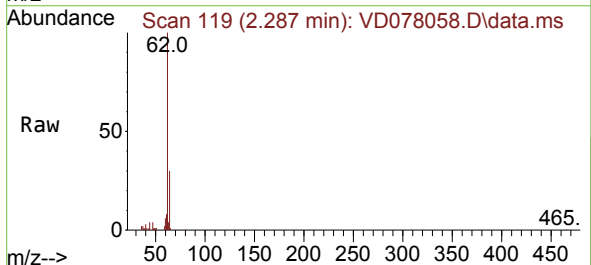
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 37604
Ion Ratio Lower Upper
50 100
52 37.0 26.6 40.0



#4
Vinyl Chloride
Concen: 17.681 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 62 Resp: 56358
Ion Ratio Lower Upper
62 100
64 30.4 26.0 39.0

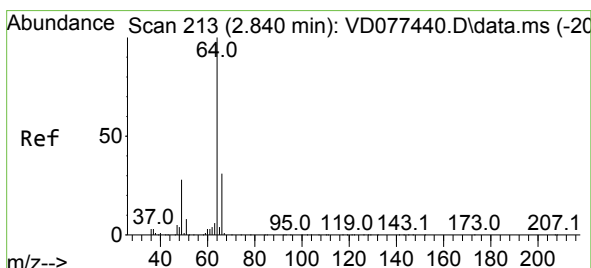
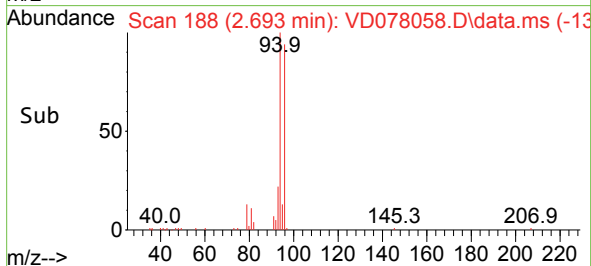
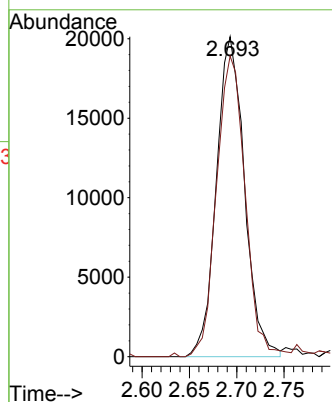
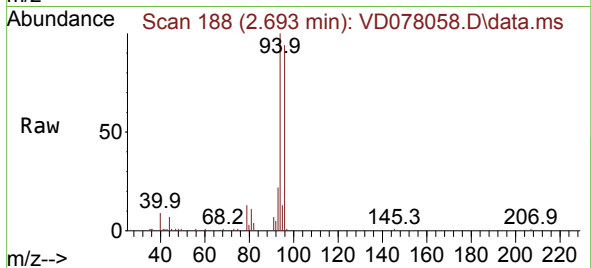




#5
Bromomethane
Concen: 23.191 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

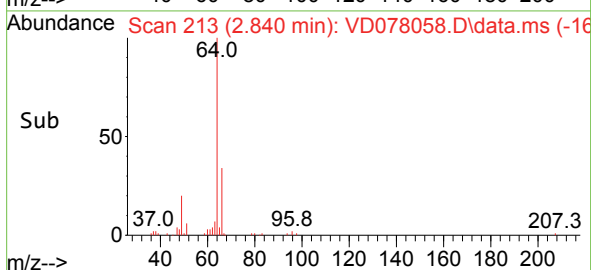
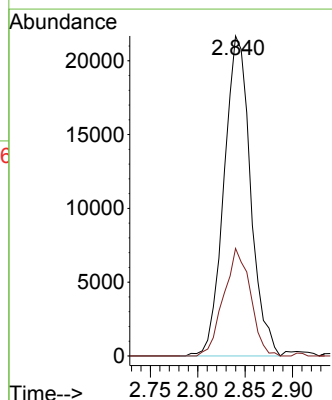
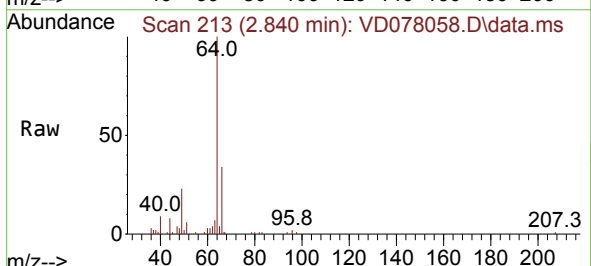
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ClientSampleId :

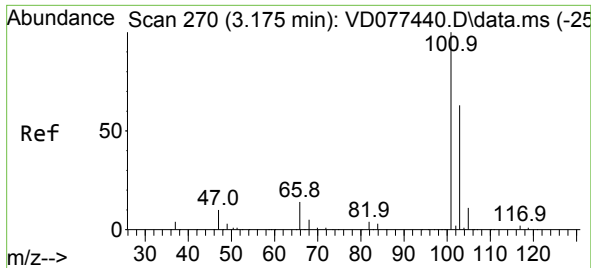
Tgt Ion: 94 Resp: 41478
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.8



#6
Chloroethane
Concen: 19.449 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 64 Resp: 42263
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3

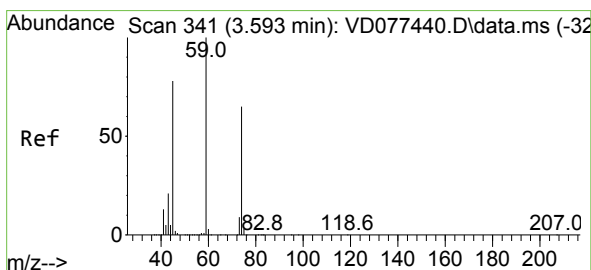
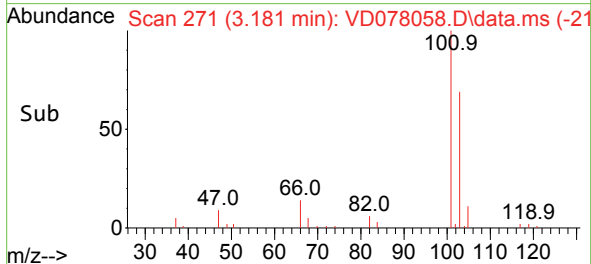
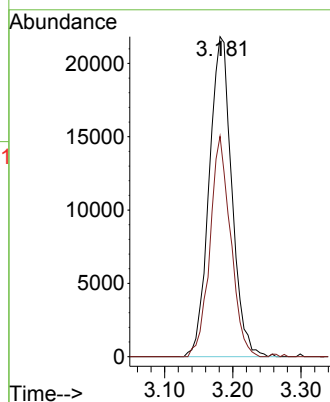
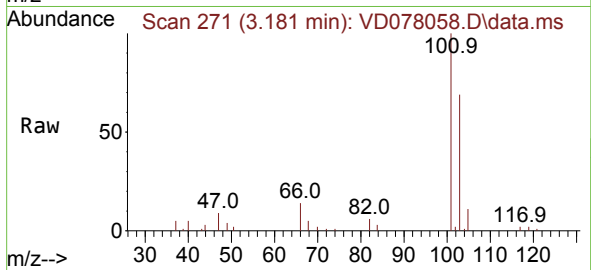




#7
 Trichlorofluoromethane
 Concen: 17.194 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078058.D
 Acq: 22 Dec 2023 12:42

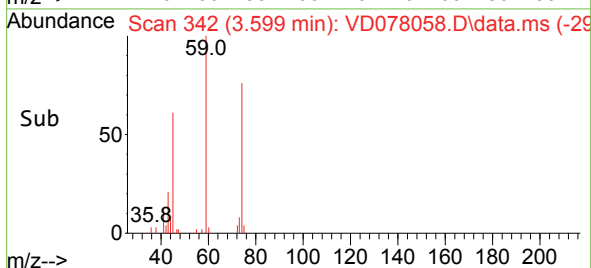
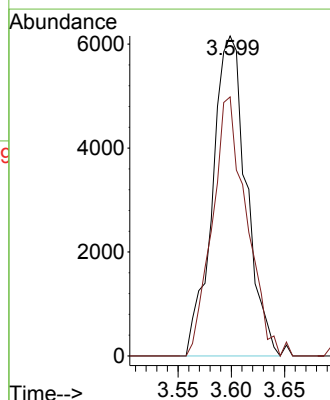
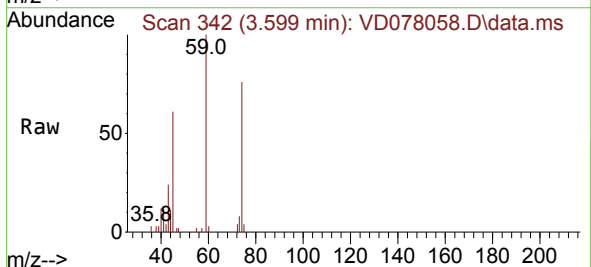
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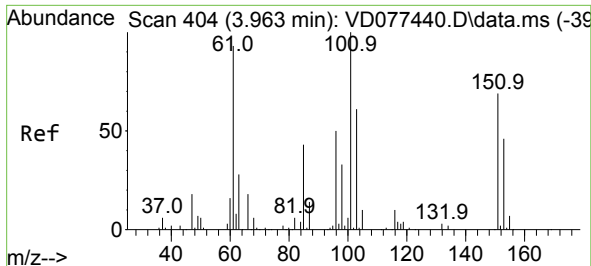
Tgt Ion:101 Resp: 50475
 Ion Ratio Lower Upper
 101 100
 103 68.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 16.514 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078058.D
 Acq: 22 Dec 2023 12:42

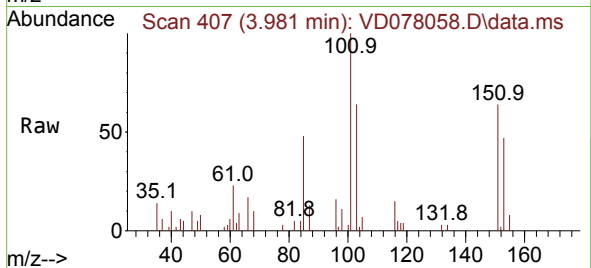
Tgt Ion: 74 Resp: 13613
 Ion Ratio Lower Upper
 74 100
 45 82.1 37.5 112.7



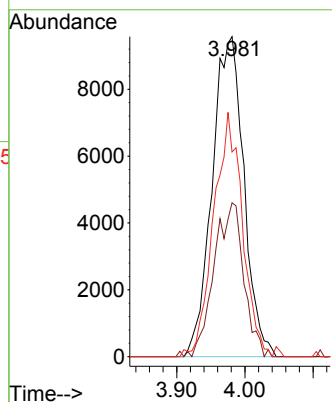
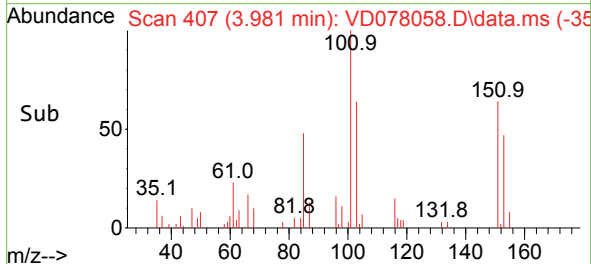


#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.440 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

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MSVOA_D
ClientSampleId :

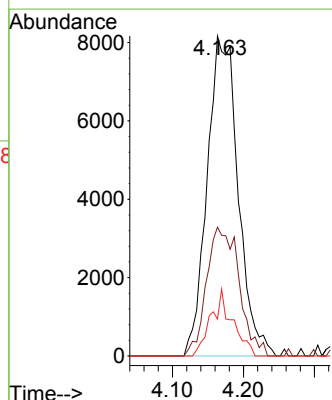
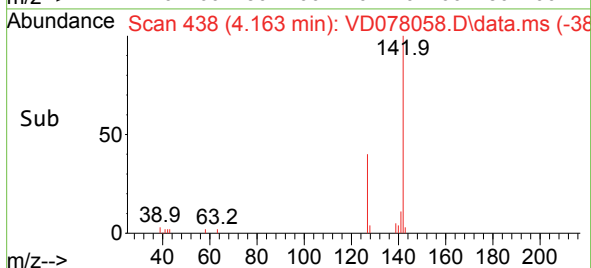
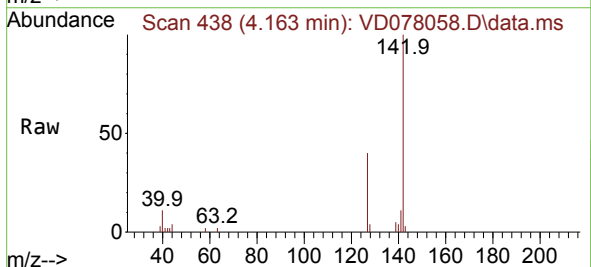


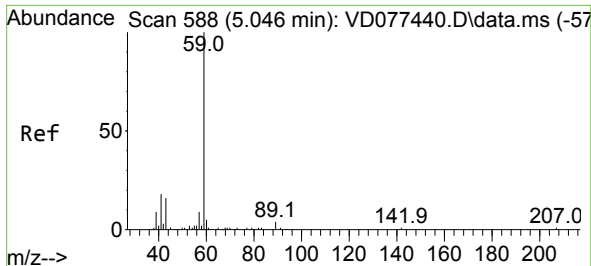
Tgt Ion:	101	Resp:	30969
Ion	Ratio	Lower	Upper
101	100		
85	45.1	33.8	50.6
151	69.1	59.8	89.6



#10
Methyl Iodide
Concen: 21.232 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

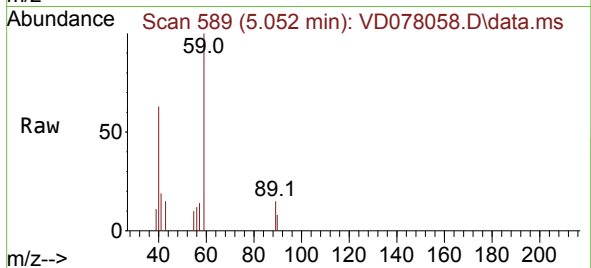
Tgt Ion:	142	Resp:	24653
Ion	Ratio	Lower	Upper
142	100		
127	42.4	29.4	44.0
141	14.5	11.1	16.7



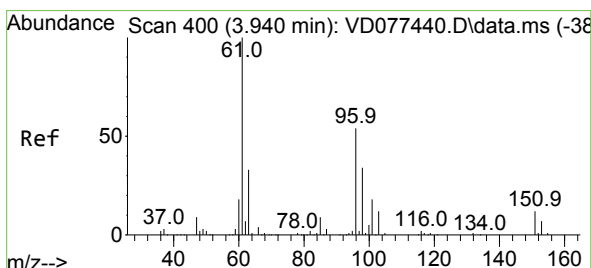
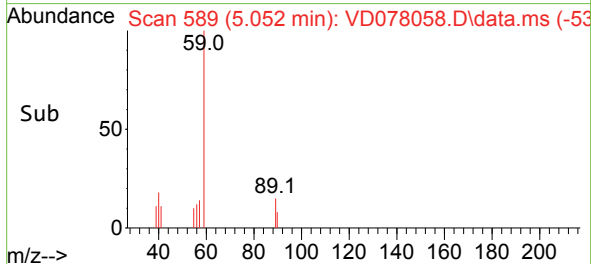
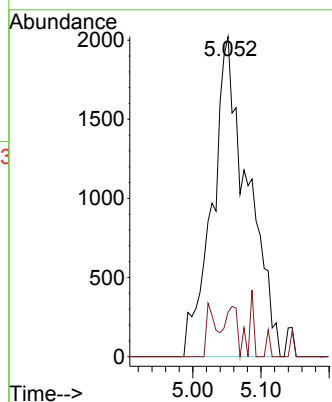


#11
Tert butyl alcohol
Concen: 86.269 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :

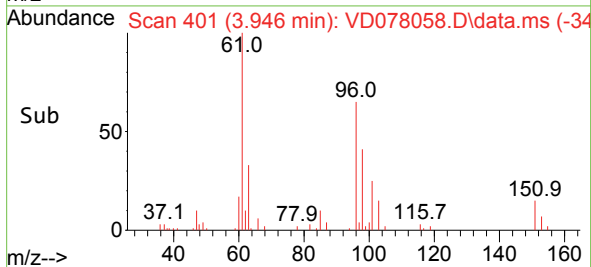
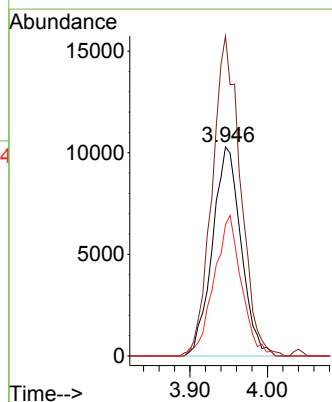
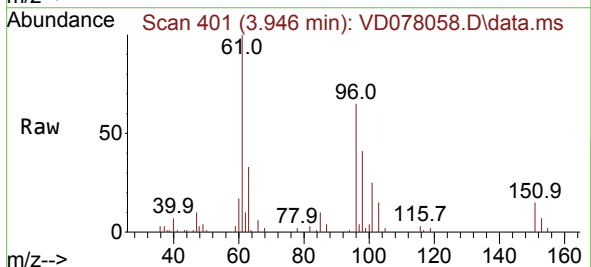


Tgt Ion: 59 Resp: 7328
Ion Ratio Lower Upper
59 100
57 5.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 15.917 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 96 Resp: 26383
Ion Ratio Lower Upper
96 100
61 153.0 100.6 150.8#
98 62.8 50.2 75.2

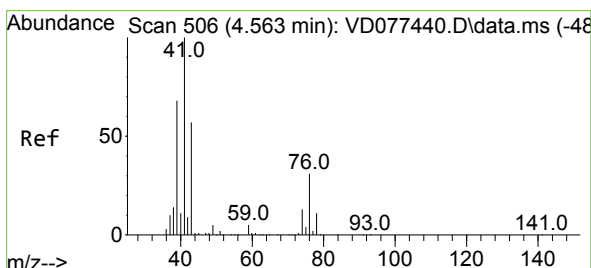
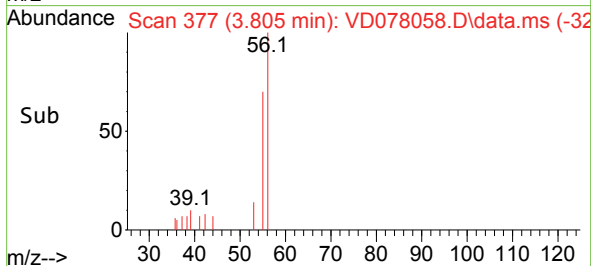
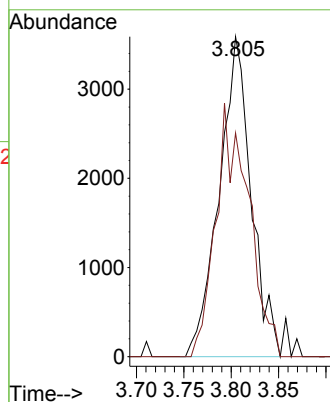
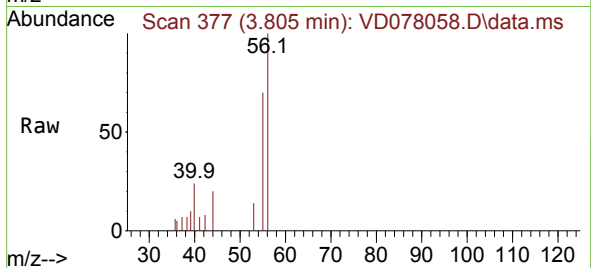




#13
Acrolein
Concen: 49.005 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

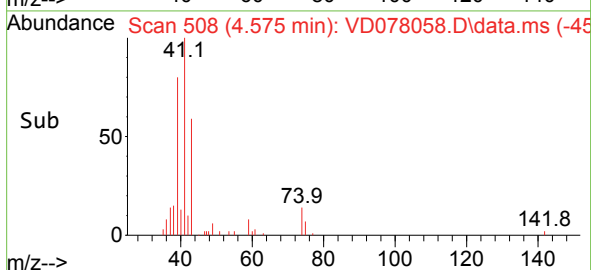
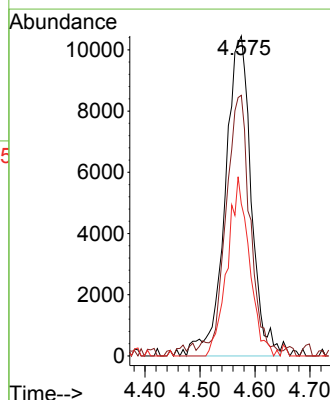
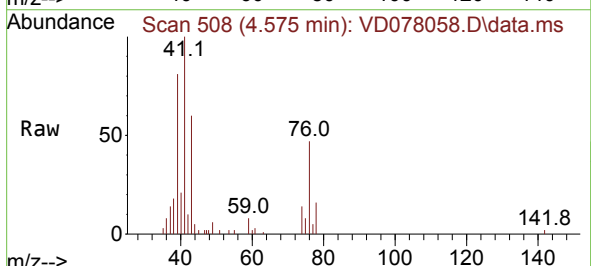
Instrument :
MSVOA_D
ClientSampleId :

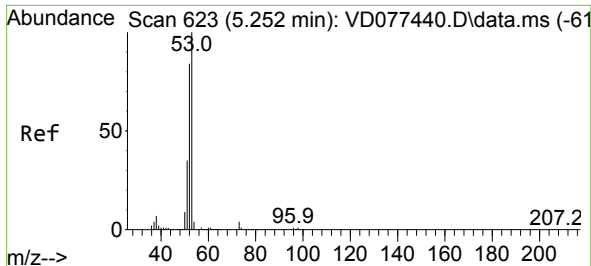
Tgt Ion: 56 Resp: 8423
Ion Ratio Lower Upper
56 100
55 81.6 55.1 82.7



#14
Allyl chloride
Concen: 15.048 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

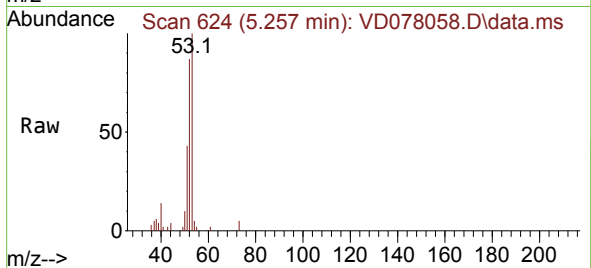
Tgt Ion: 41 Resp: 34305
Ion Ratio Lower Upper
41 100
39 76.6 53.8 80.6
76 47.3 45.8 68.8



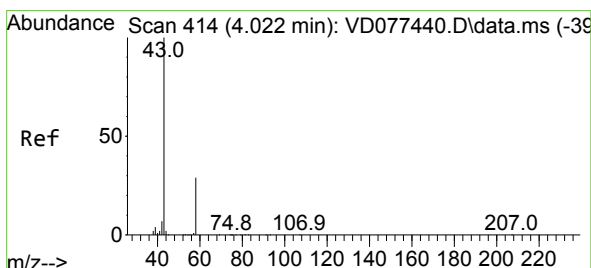
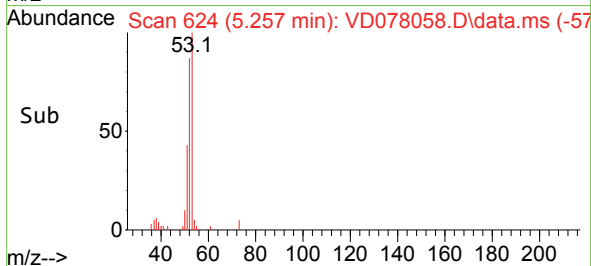
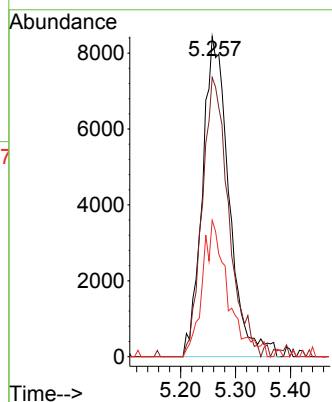


#15
Acrylonitrile
Concen: 80.488 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :

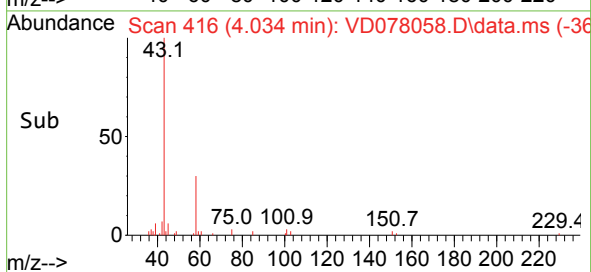
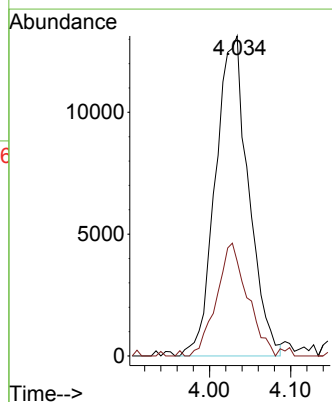
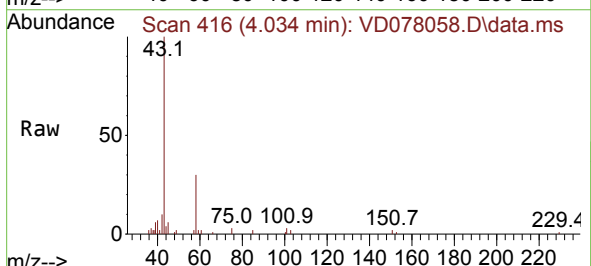


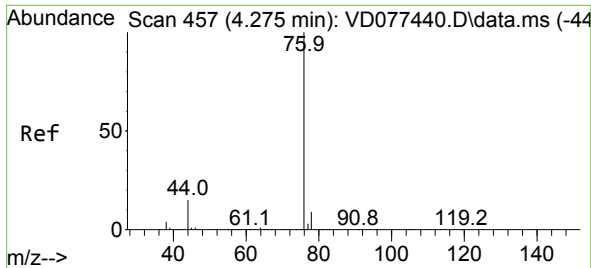
Tgt Ion	Ratio	Lower	Upper
53	100		
52	86.0	65.0	97.4
51	41.2	28.3	42.5



#16
Acetone
Concen: 84.964 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.9	34.7	52.1

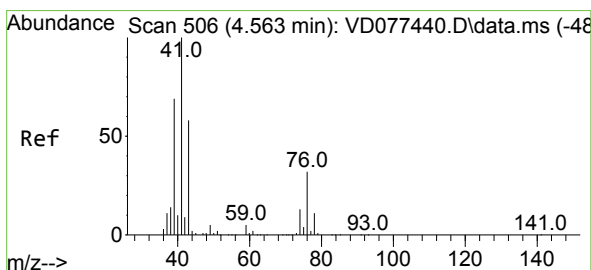
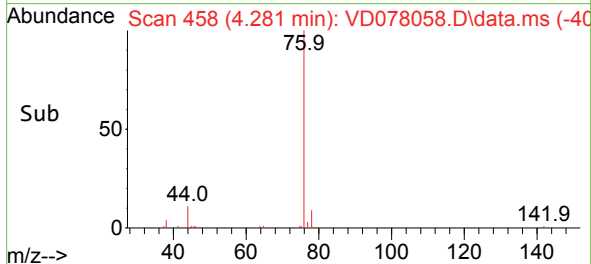
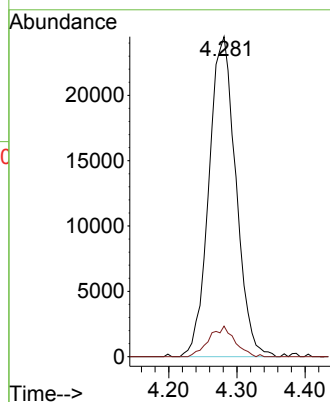
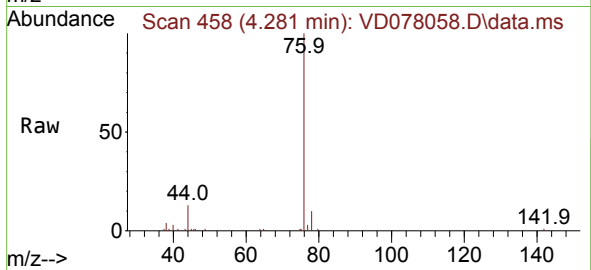




#17
Carbon Disulfide
Concen: 12.015 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

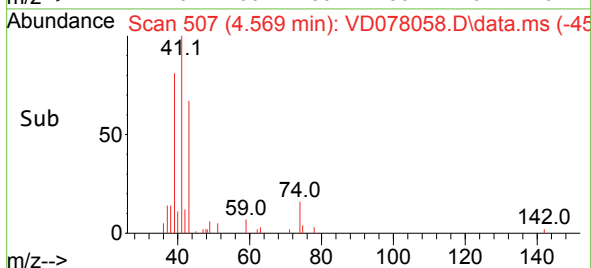
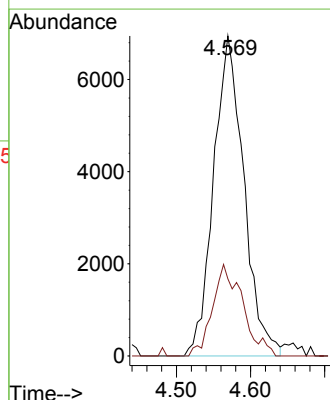
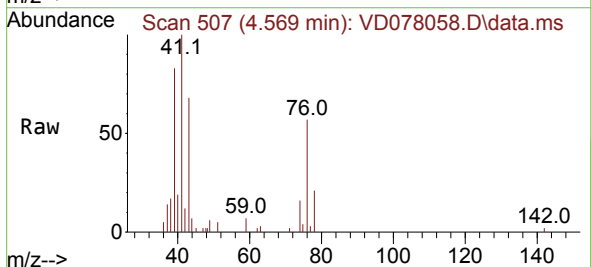
Instrument :
MSVOA_D
ClientSampleId :

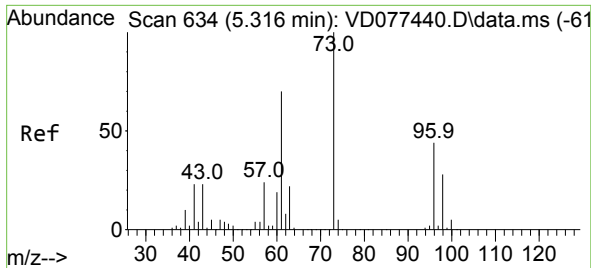
Tgt Ion: 76 Resp: 67377
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 15.409 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 43 Resp: 19719
Ion Ratio Lower Upper
43 100
74 28.6 26.4 39.6

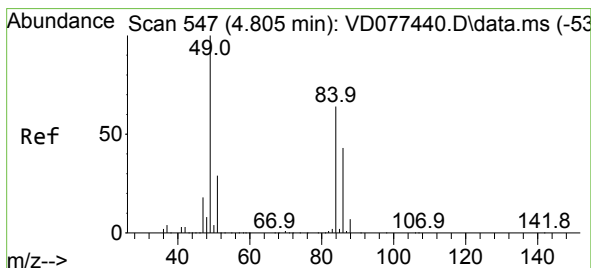
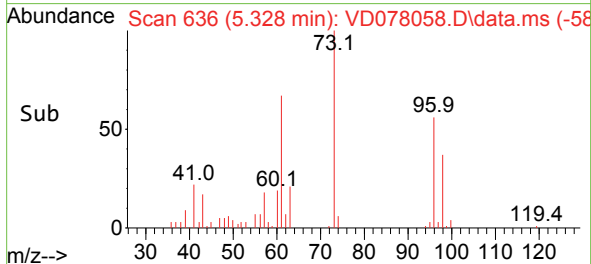
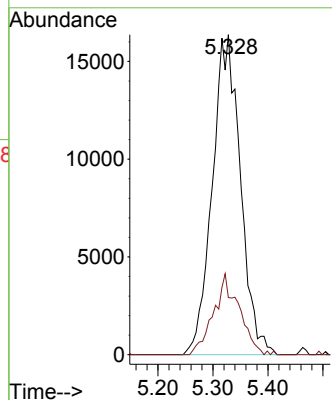
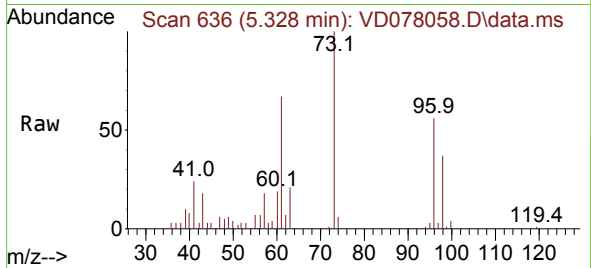




#19
Methyl tert-butyl Ether
Concen: 16.539 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

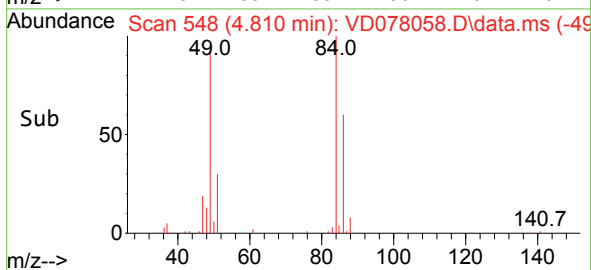
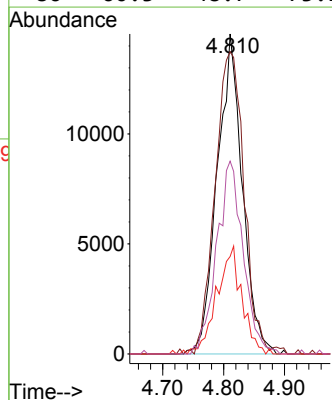
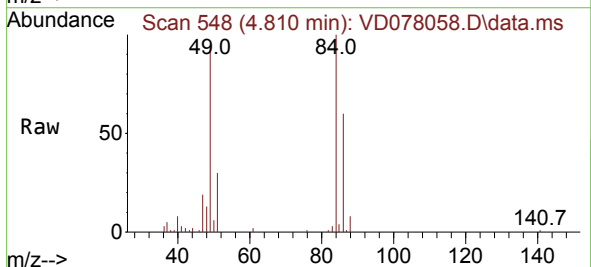
Instrument :
MSVOA_D
ClientSampleId :

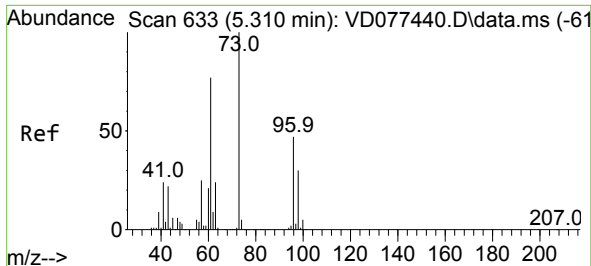
Tgt Ion: 73 Resp: 58164
Ion Ratio Lower Upper
73 100
57 17.8 16.6 25.0



#20
Methylene Chloride
Concen: 18.703 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

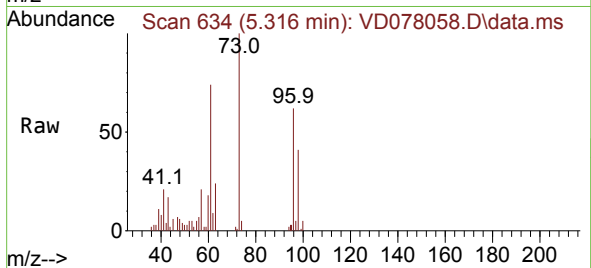
Tgt Ion: 84 Resp: 41825
Ion Ratio Lower Upper
84 100
49 92.9 71.4 107.2
51 30.4 24.5 36.7
86 60.3 48.7 73.1



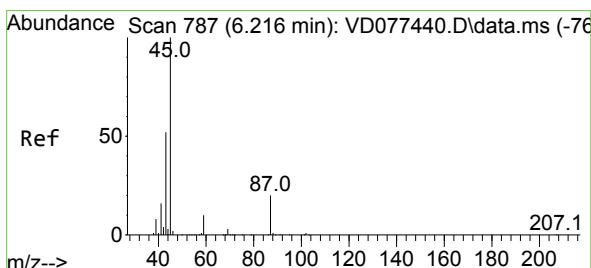
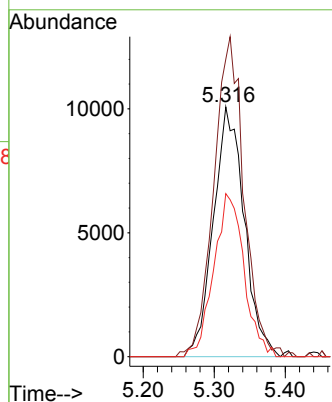
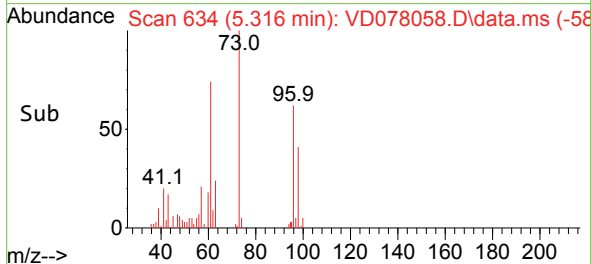


#21
trans-1,2-Dichloroethene
Concen: 16.155 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

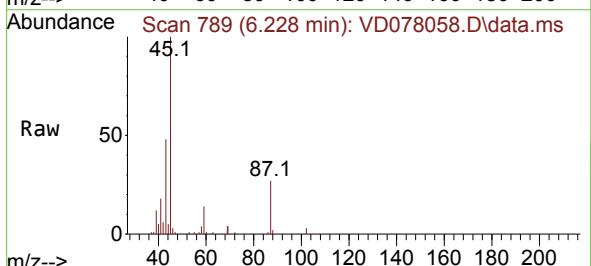
Instrument :
MSVOA_D
ClientSampleId :



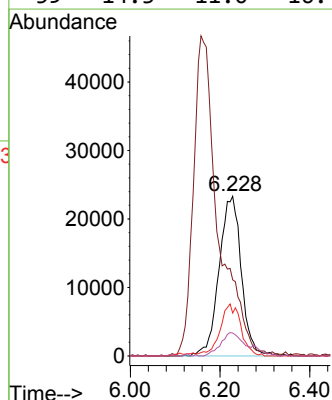
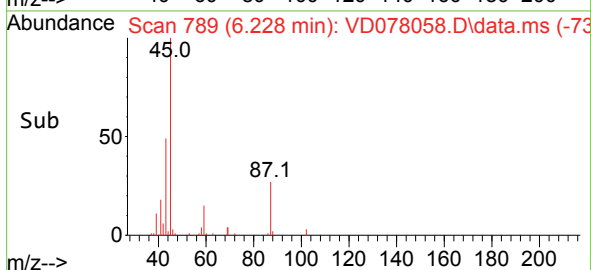
Tgt Ion: 96 Resp: 30329
Ion Ratio Lower Upper
96 100
61 117.1 89.3 133.9
98 65.3 48.6 73.0

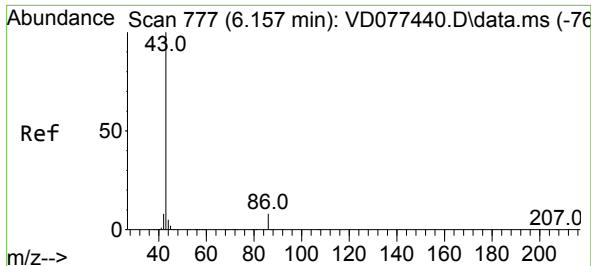


#22
Diisopropyl ether
Concen: 16.883 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42



Tgt Ion: 45 Resp: 80429
Ion Ratio Lower Upper
45 100
43 46.8 40.0 60.0
87 26.9 28.2 42.4#
59 14.3 11.0 16.4

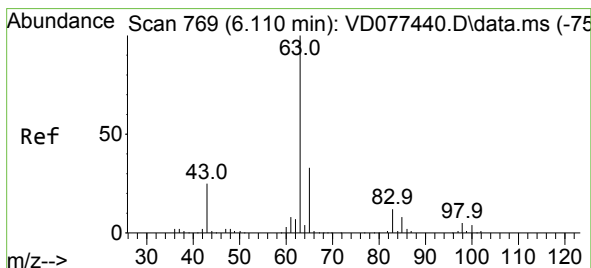
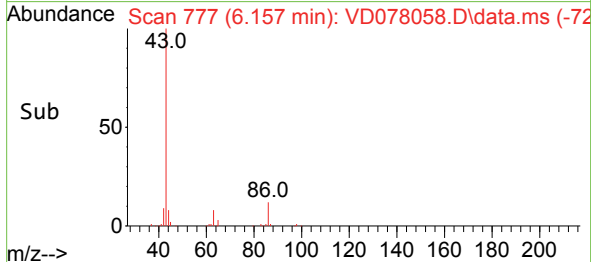
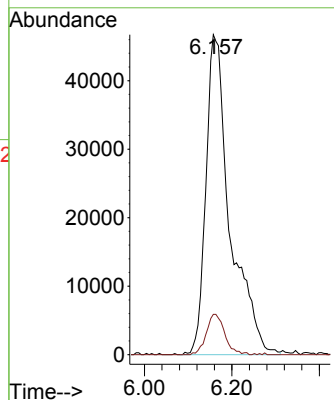
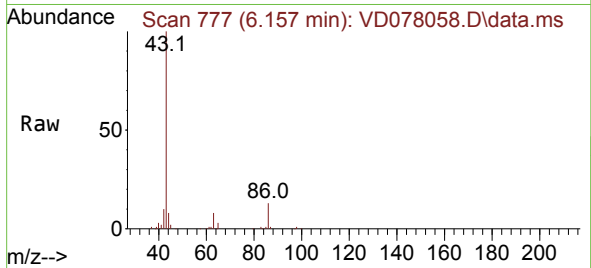




#23
 Vinyl Acetate
 Concen: 77.136 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078058.D
 Acq: 22 Dec 2023 12:42

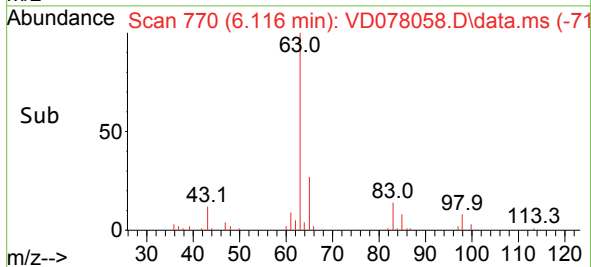
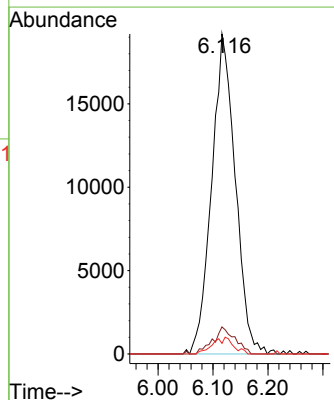
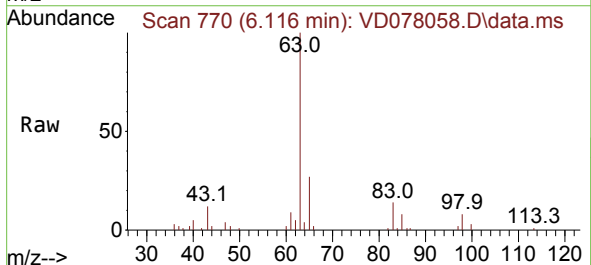
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 179449
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 17.809 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078058.D
 Acq: 22 Dec 2023 12:42

Tgt Ion: 63 Resp: 57454
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 3.3 2.5 7.5





#25

2-Butanone

Concen: 85.995 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

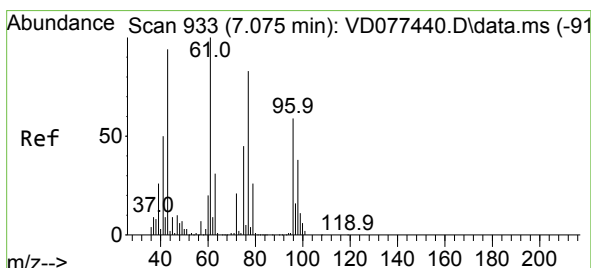
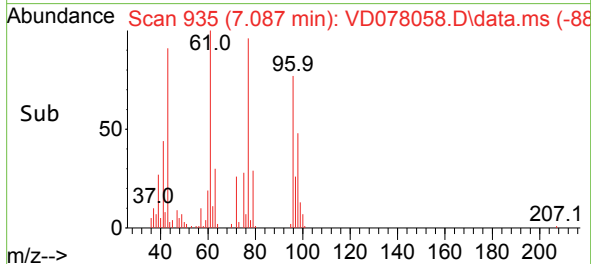
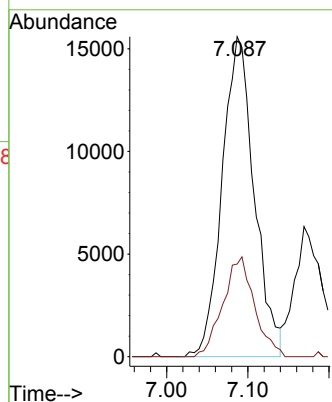
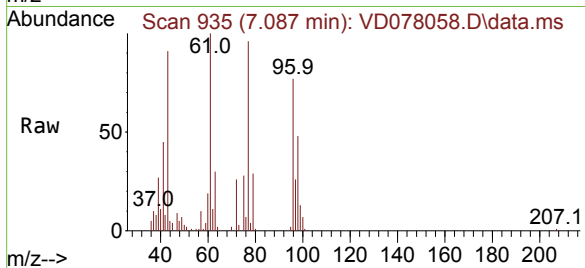
ClientSampleId :

Tgt Ion: 43 Resp: 42810

Ion Ratio Lower Upper

43 100

72 29.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 17.547 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD078058.D

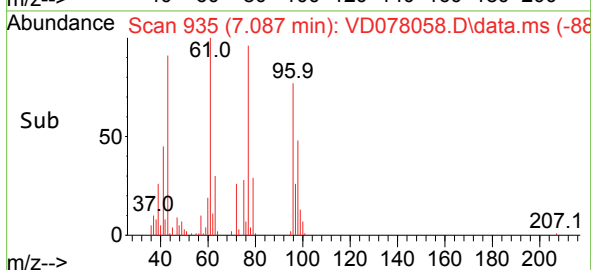
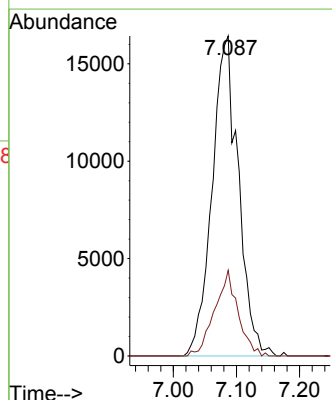
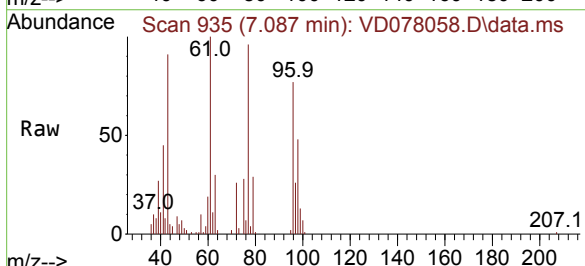
Acq: 22 Dec 2023 12:42

Tgt Ion: 77 Resp: 47528

Ion Ratio Lower Upper

77 100

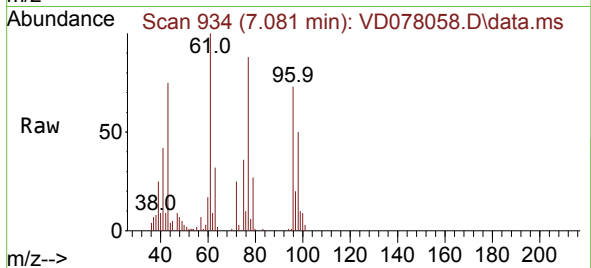
97 23.8 13.2 39.6



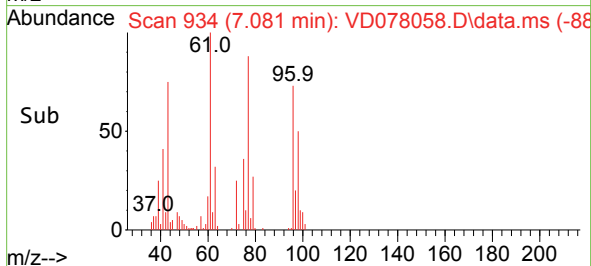
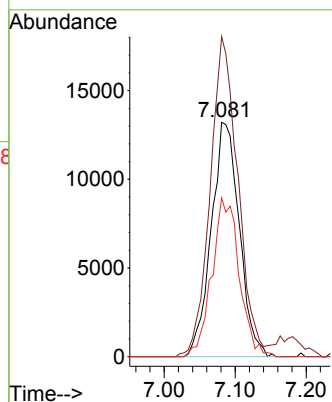


#27
 cis-1,2-Dichloroethene
 Concen: 17.922 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078058.D
 Acq: 22 Dec 2023 12:42

Instrument :
 MSVOA_D
 ClientSampleId :

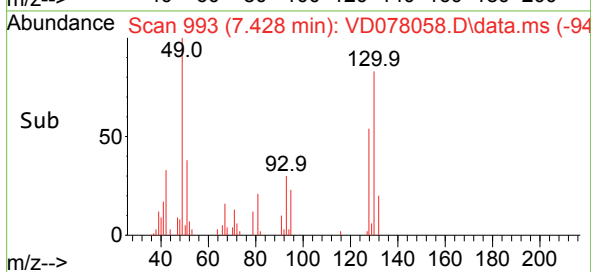
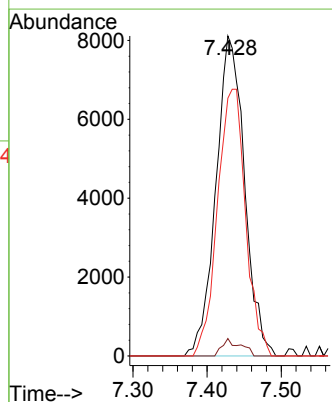
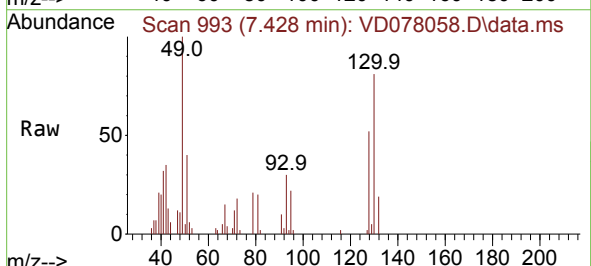


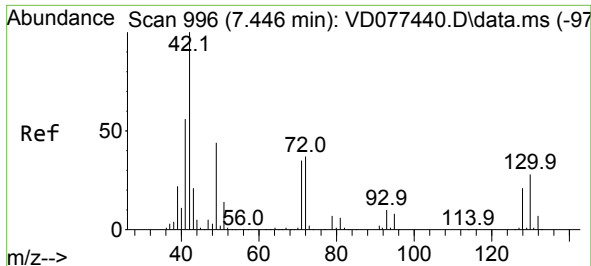
Tgt Ion: 96 Resp: 36205
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 239.2
 98 66.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 16.670 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078058.D
 Acq: 22 Dec 2023 12:42

Tgt Ion: 49 Resp: 21731
 Ion Ratio Lower Upper
 49 100
 129 3.5 0.0 6.0
 130 81.9 83.2 124.8#





#29

Tetrahydrofuran

Concen: 76.280 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

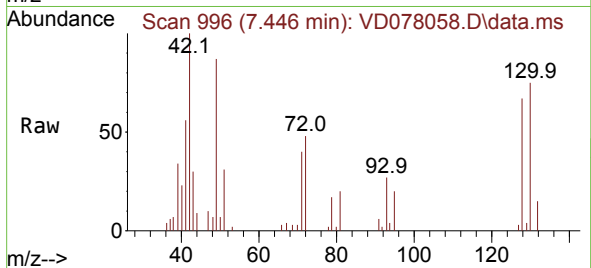
Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :



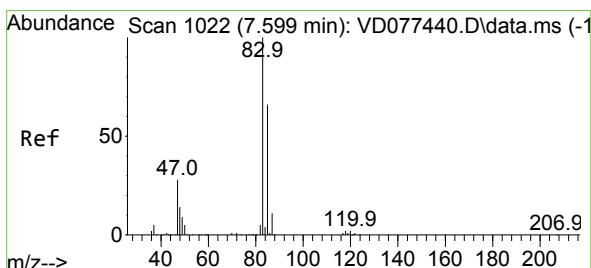
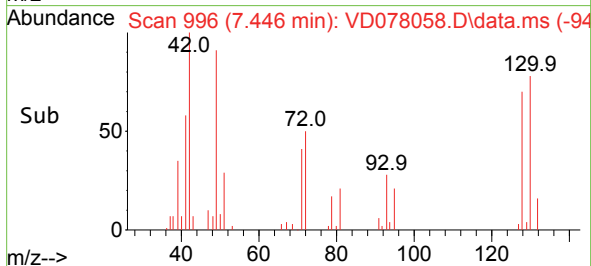
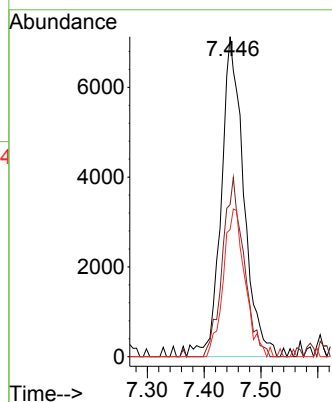
Tgt Ion: 42 Resp: 19737

Ion Ratio Lower Upper

42 100

72 53.1 46.5 69.7

71 44.2 44.5 66.7#



#30

Chloroform

Concen: 18.702 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.005 min

Lab File: VD078058.D

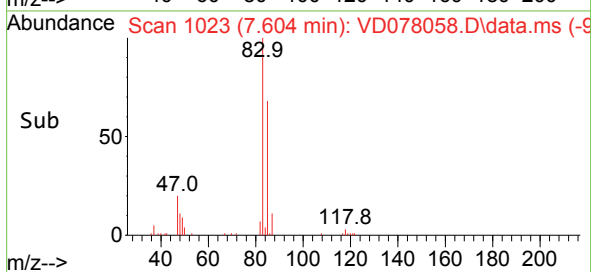
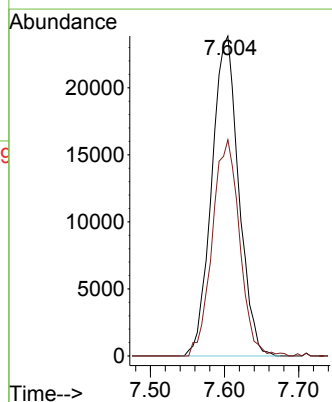
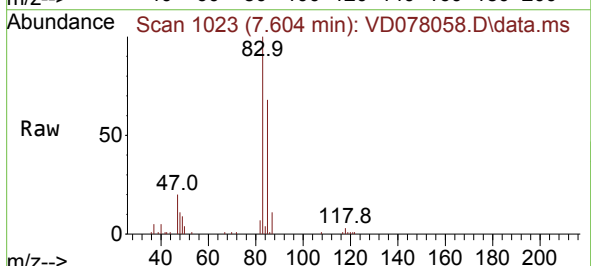
Acq: 22 Dec 2023 12:42

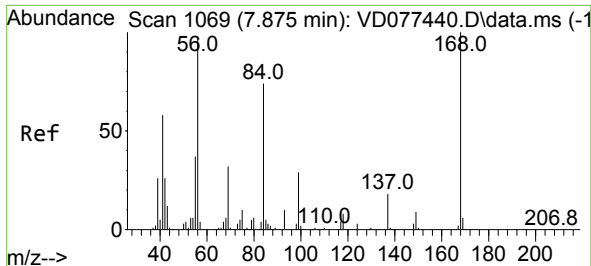
Tgt Ion: 83 Resp: 60385

Ion Ratio Lower Upper

83 100

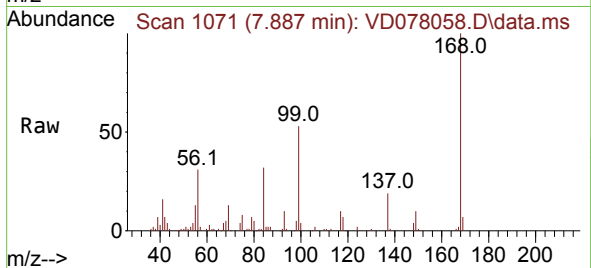
85 67.6 53.4 80.2



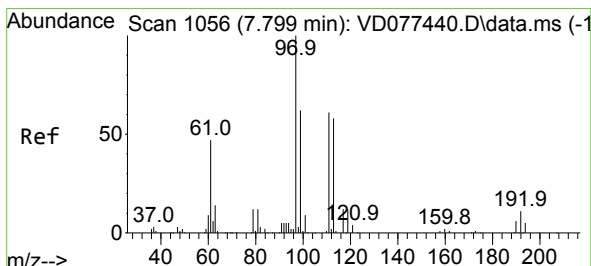
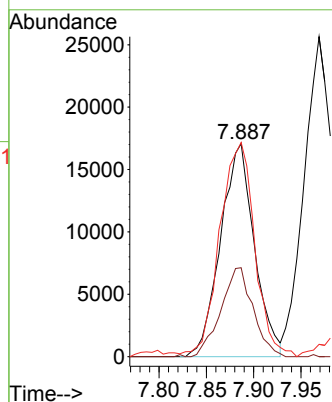
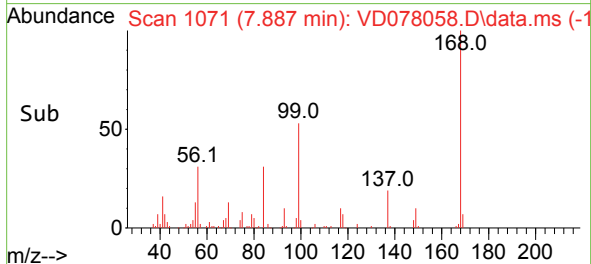


#31
Cyclohexane
Concen: 14.641 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :

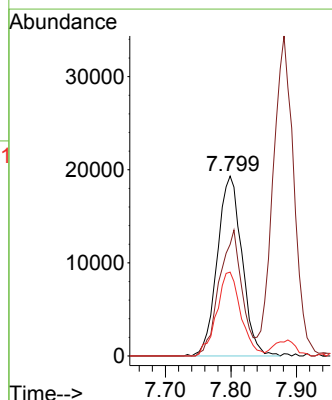
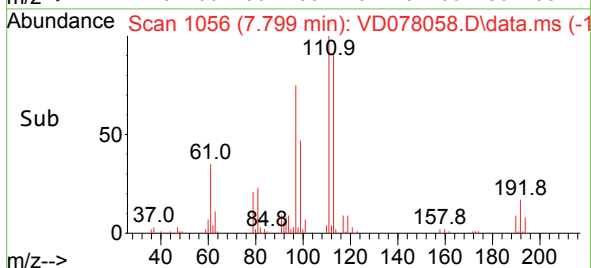
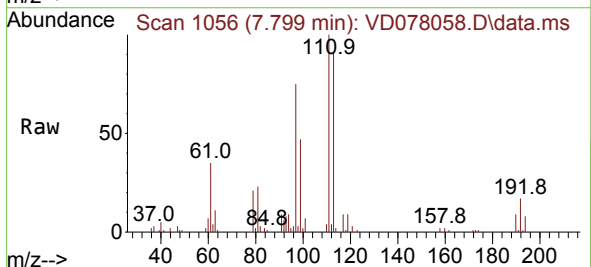


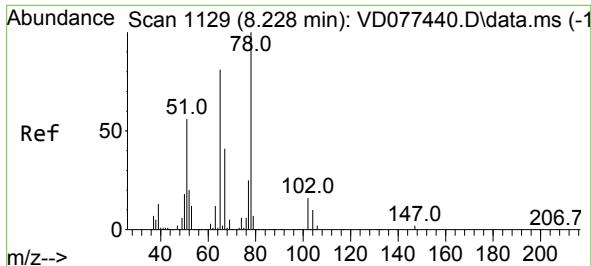
Tgt Ion: 56 Resp: 42313
Ion Ratio Lower Upper
56 100
69 40.8 28.6 43.0
84 99.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 17.691 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 97 Resp: 50354
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 45.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.397 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

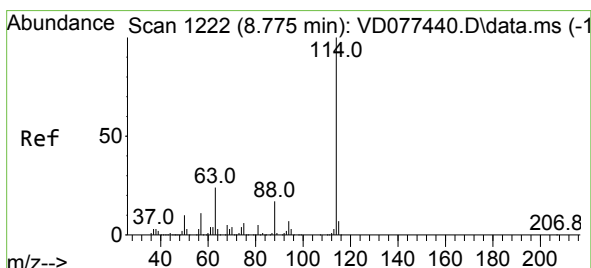
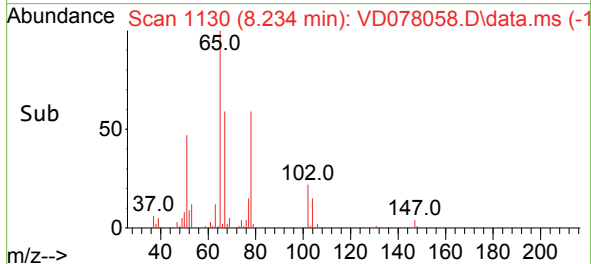
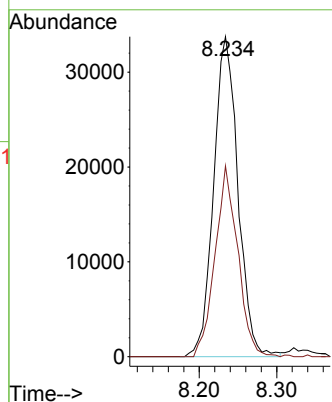
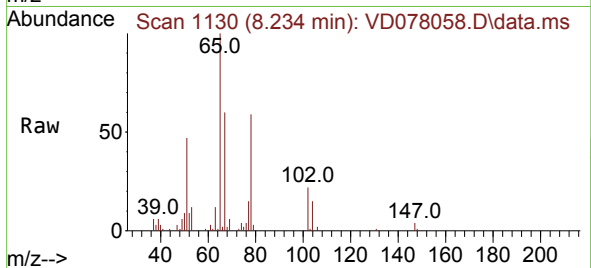
ClientSampleId :

Tgt Ion: 65 Resp: 73765

Ion Ratio Lower Upper

65 100

67 55.7 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: VD078058.D

Acq: 22 Dec 2023 12:42

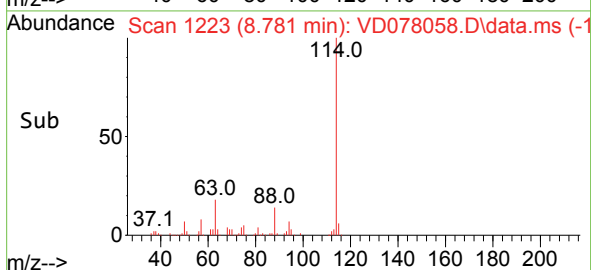
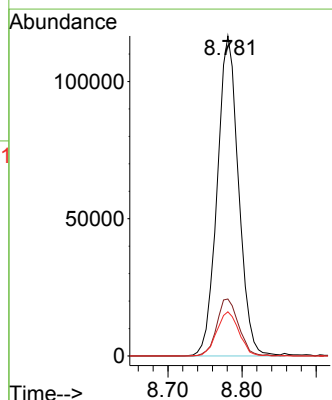
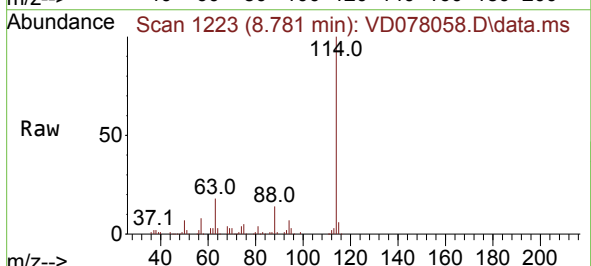
Tgt Ion: 114 Resp: 233209

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

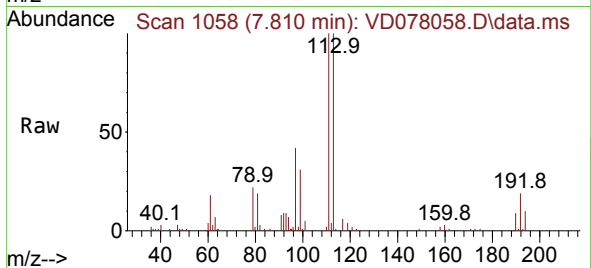
88 13.8 0.0 26.2



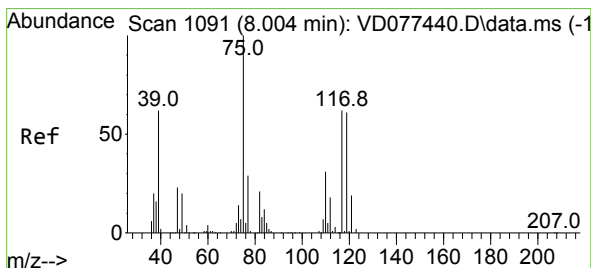
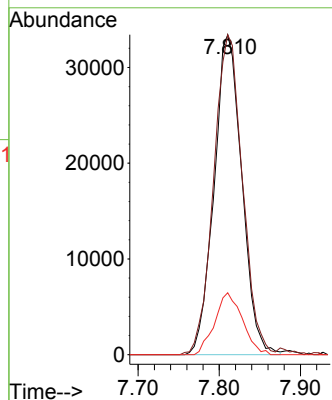
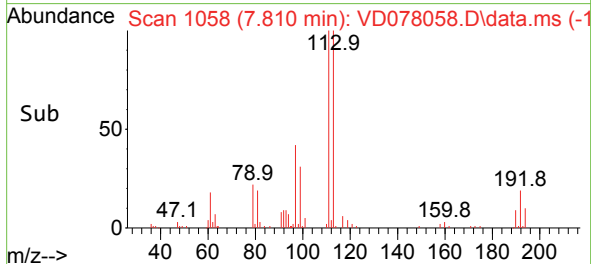


#35
Dibromofluoromethane
Concen: 48.597 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :

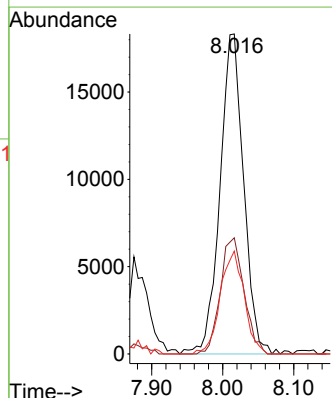
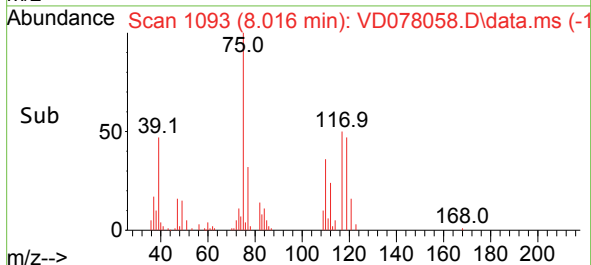
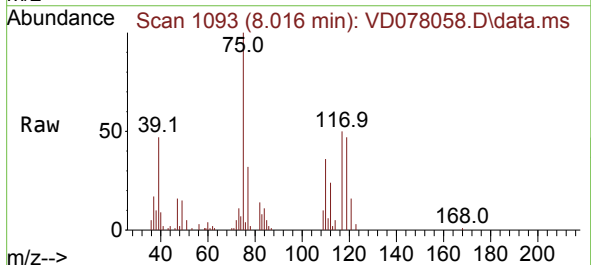


Tgt Ion:113 Resp: 79386
Ion Ratio Lower Upper
113 100
111 103.7 84.7 127.1
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 16.234 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 75 Resp: 42419
Ion Ratio Lower Upper
75 100
110 36.4 19.9 59.6
77 32.5 24.7 37.1

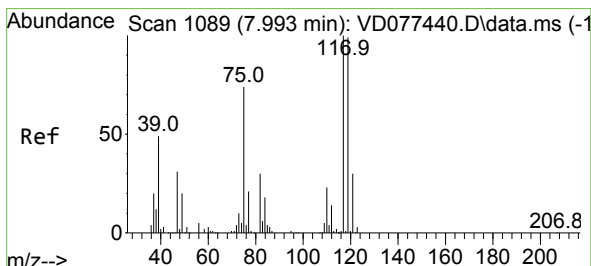
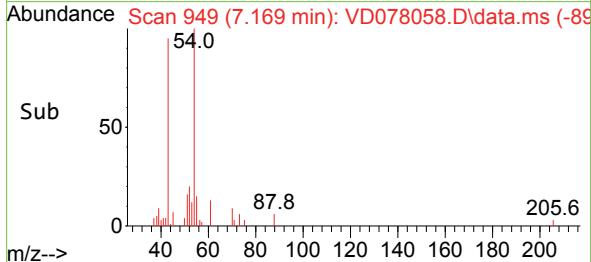
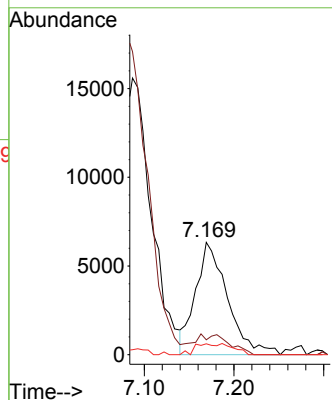
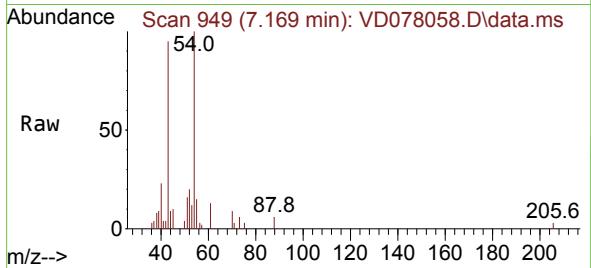




#37
Ethyl Acetate
Concen: 15.430 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

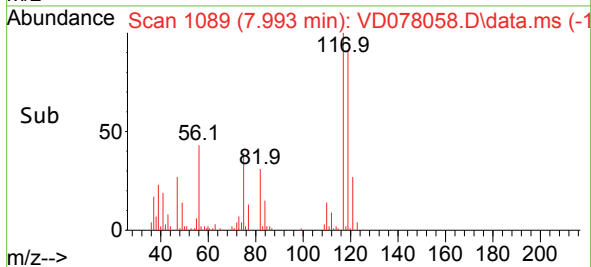
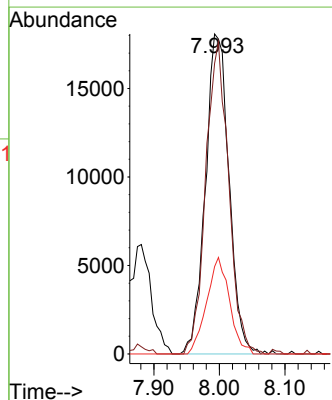
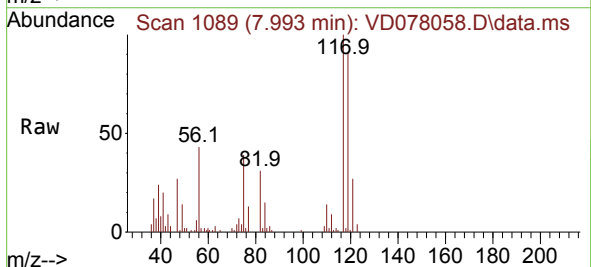
Instrument :
MSVOA_D
ClientSampleId :

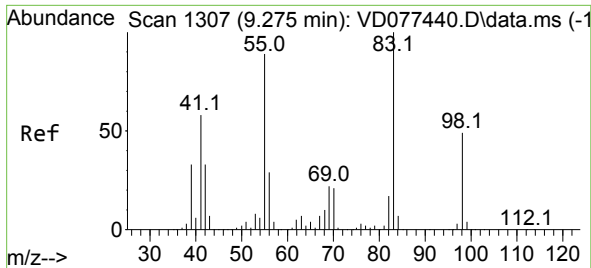
Tgt Ion: 43 Resp: 15721
Ion Ratio Lower Upper
43 100
61 19.2 14.9 22.3
70 6.7 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 17.396 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 117 Resp: 45316
Ion Ratio Lower Upper
117 100
119 90.8 78.0 117.0
121 27.3 24.2 36.2

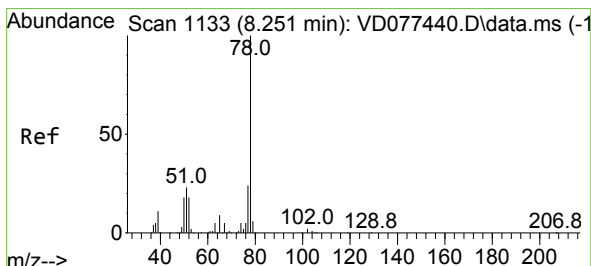
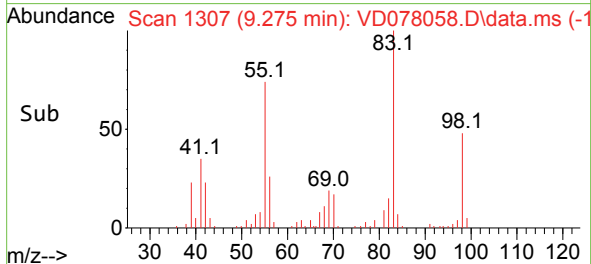
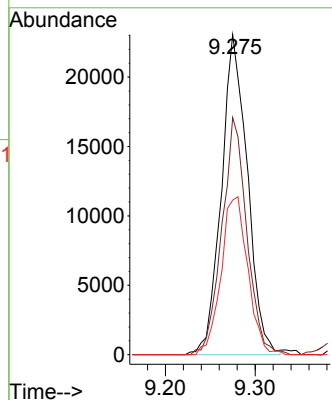
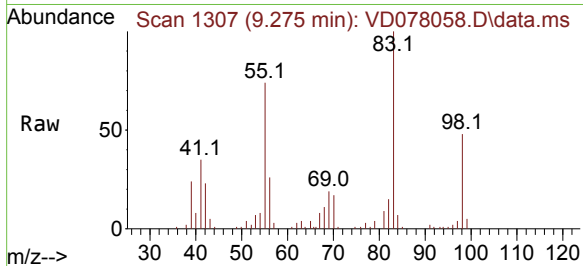




#39
Methylcyclohexane
Concen: 14.976 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

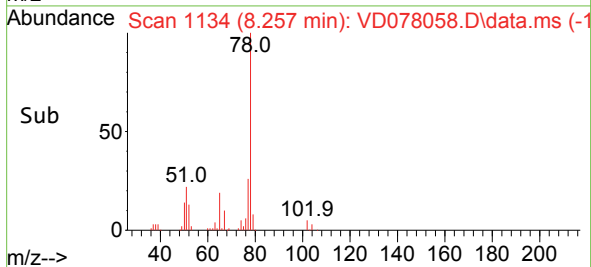
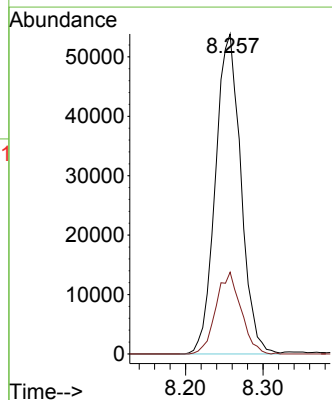
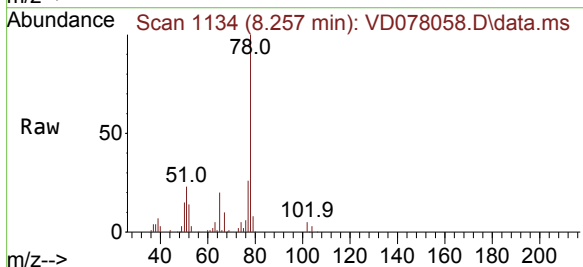
Instrument :
MSVOA_D
ClientSampleId :

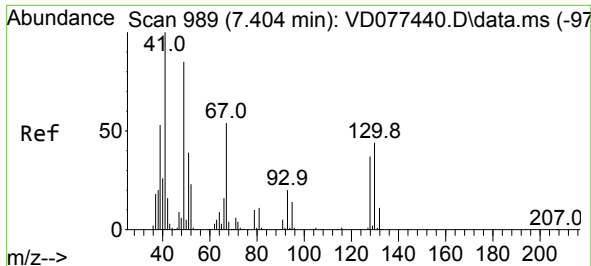
Tgt Ion: 83 Resp: 46389
Ion Ratio Lower Upper
83 100
55 74.1 49.4 74.0#
98 48.3 38.4 57.6



#40
Benzene
Concen: 16.579 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

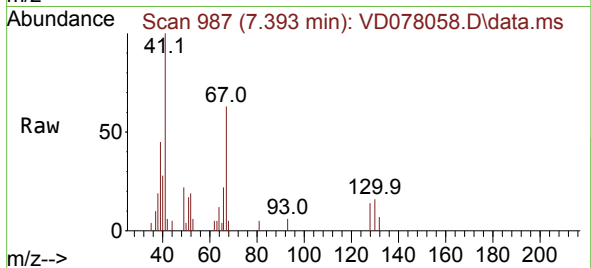
Tgt Ion: 78 Resp: 122955
Ion Ratio Lower Upper
78 100
77 25.5 19.4 29.0



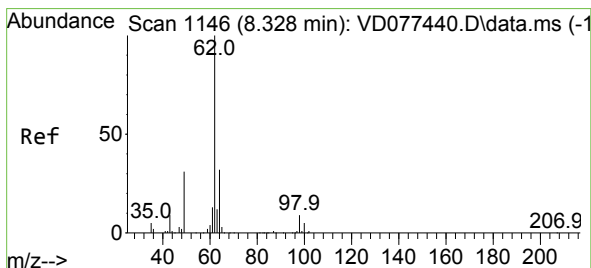
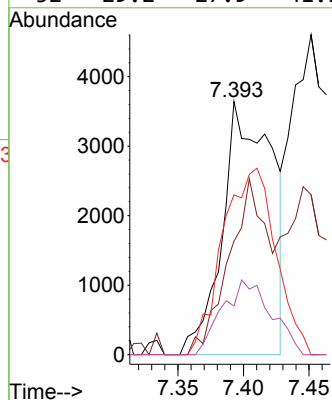
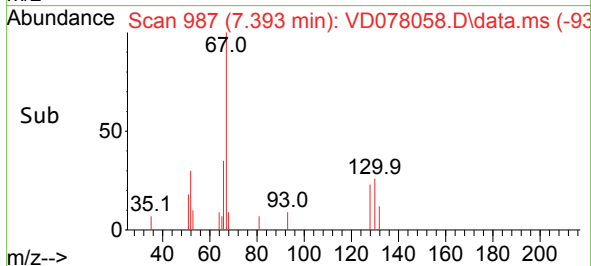


#41
Methacrylonitrile
Concen: 18.405 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :

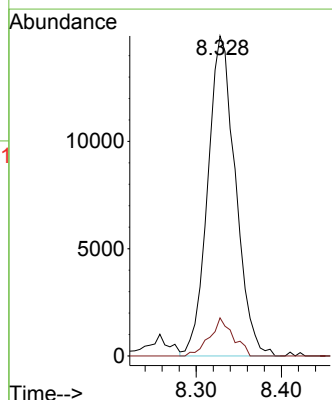
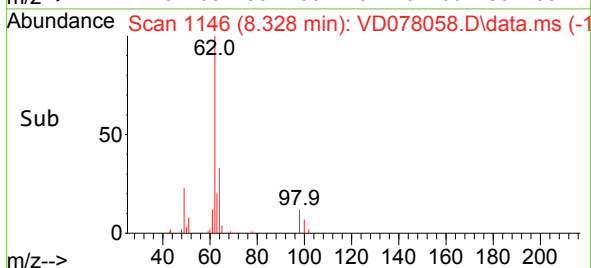
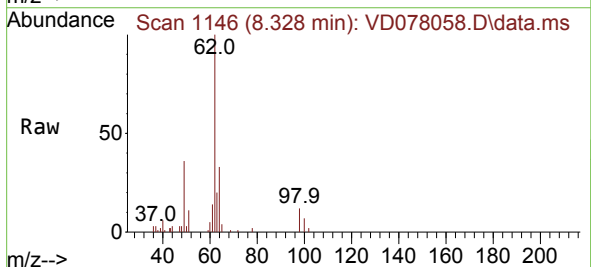


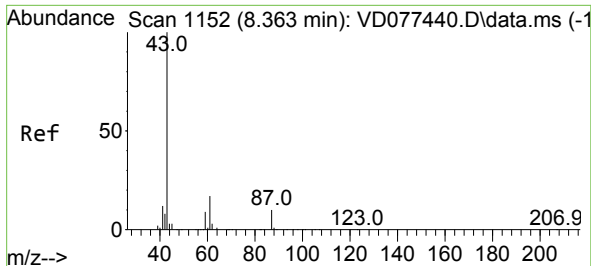
Tgt Ion: 41 Resp: 9531
Ion Ratio Lower Upper
41 100
39 53.3 34.0 51.0#
67 79.4 77.0 115.4
52 29.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 17.538 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

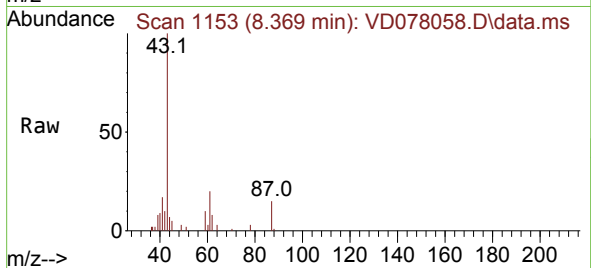
Tgt Ion: 62 Resp: 33715
Ion Ratio Lower Upper
62 100
98 10.0 0.0 25.4



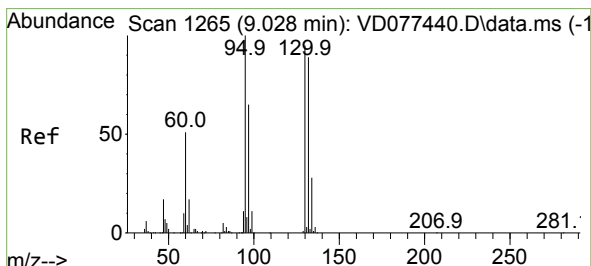
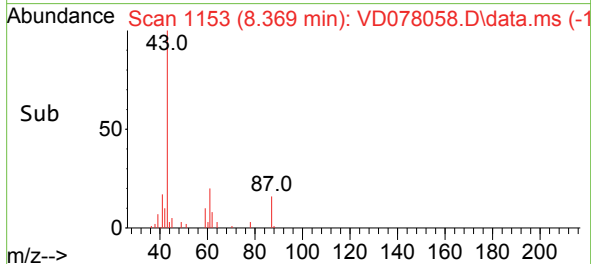
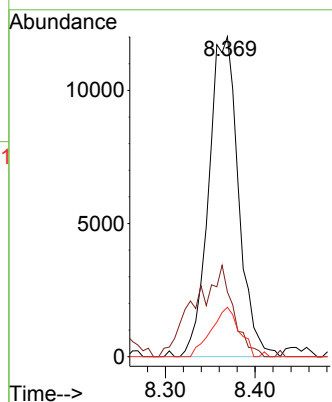


#43
Isopropyl Acetate
Concen: 15.231 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :

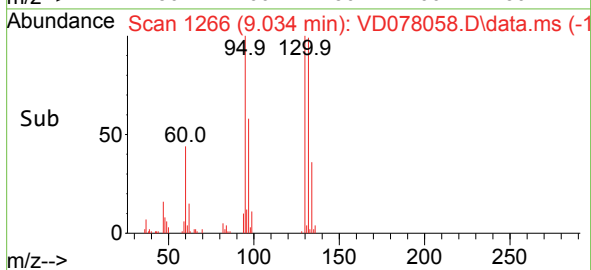
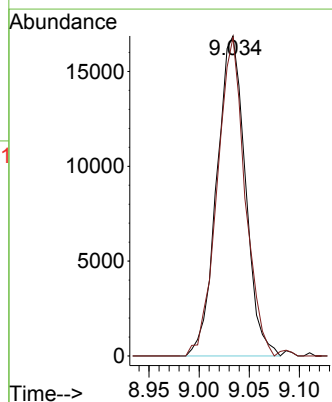
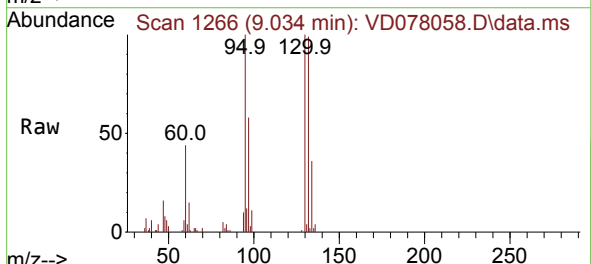


Tgt Ion: 43 Resp: 27585
Ion Ratio Lower Upper
43 100
61 36.8 31.4 47.0
87 14.5 14.9 22.3#



#44
Trichloroethene
Concen: 17.263 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion:130 Resp: 33363
Ion Ratio Lower Upper
130 100
95 99.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 17.777 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

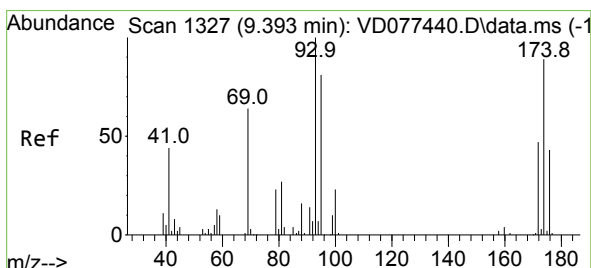
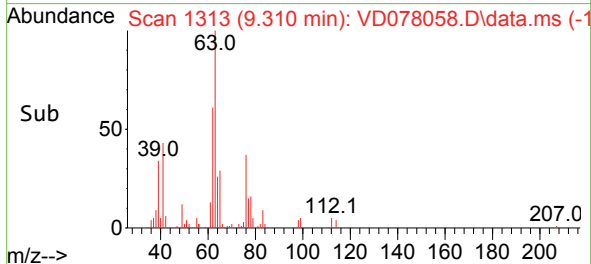
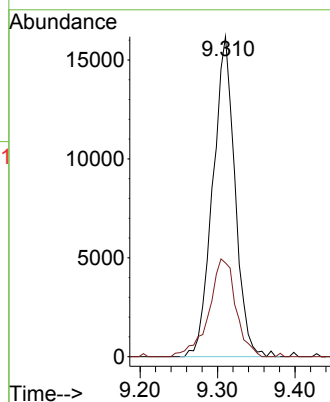
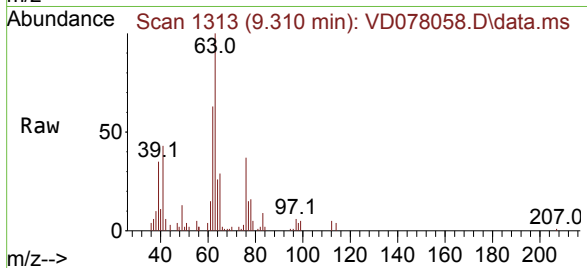
ClientSampleId :

Tgt Ion: 63 Resp: 32049

Ion Ratio Lower Upper

63 100

65 28.3 24.5 36.7



#46

Dibromomethane

Concen: 18.071 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

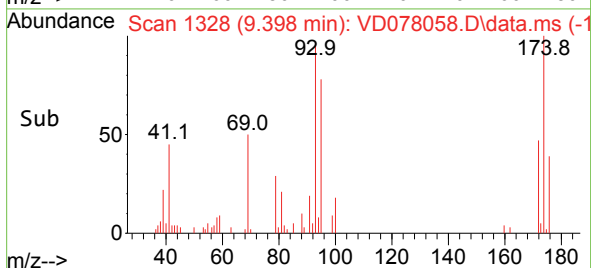
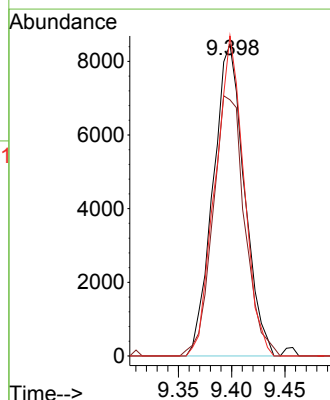
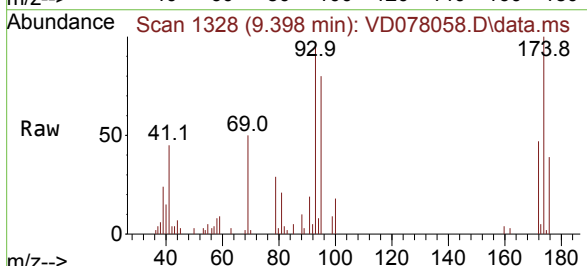
Tgt Ion: 93 Resp: 17238

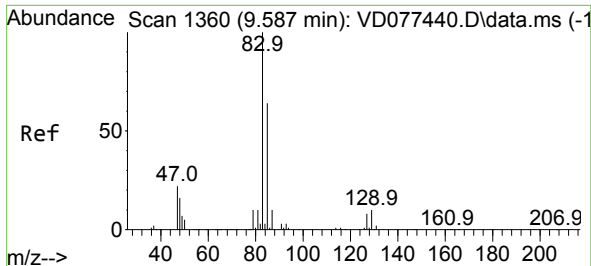
Ion Ratio Lower Upper

93 100

95 85.0 67.7 101.5

174 93.8 85.4 128.2

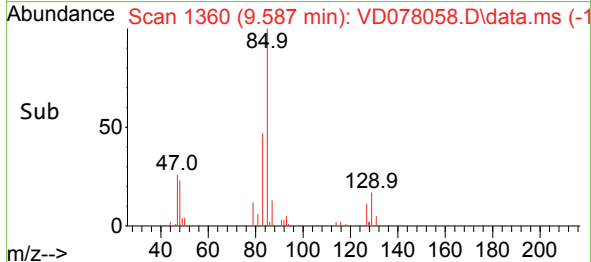
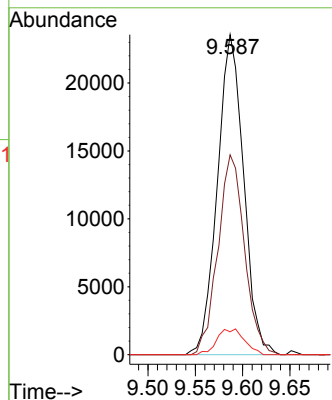
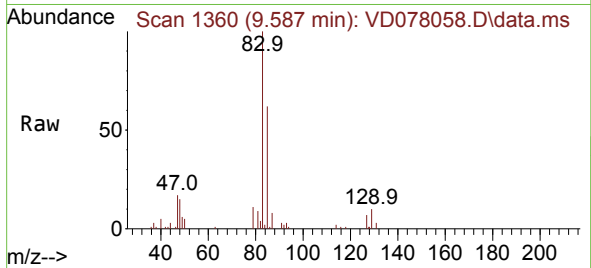




#47
Bromodichloromethane
Concen: 18.793 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

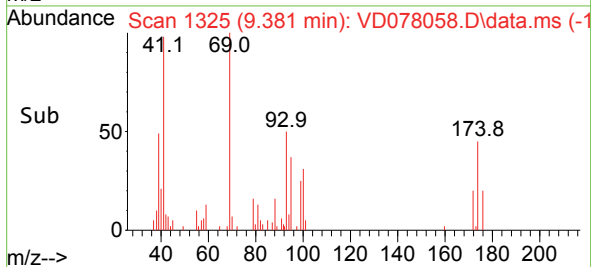
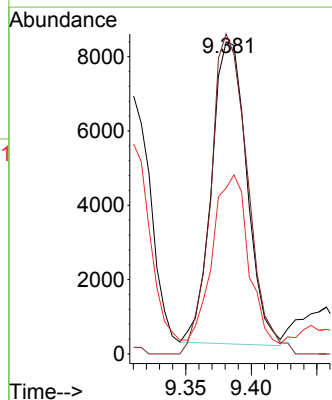
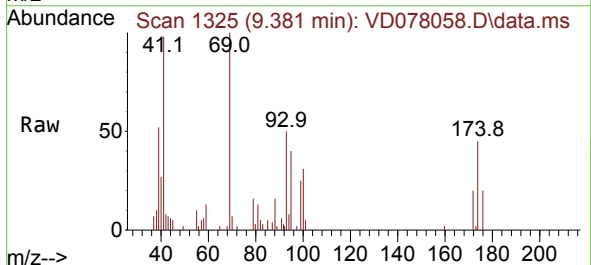
Instrument :
MSVOA_D
ClientSampleId :

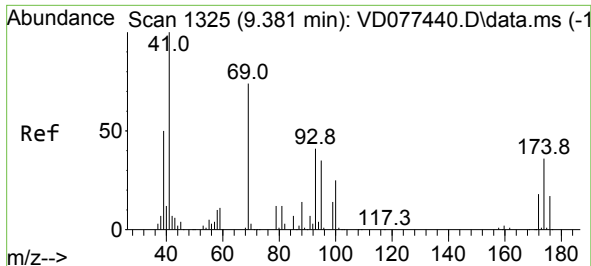
Tgt Ion: 83 Resp: 45439
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 7.1 6.3 9.5



#48
Methyl methacrylate
Concen: 14.777 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 41 Resp: 15213
Ion Ratio Lower Upper
41 100
69 110.3 102.2 153.2
39 63.6 41.4 62.2#





#49

1,4-Dioxane

Concen: 367.189 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

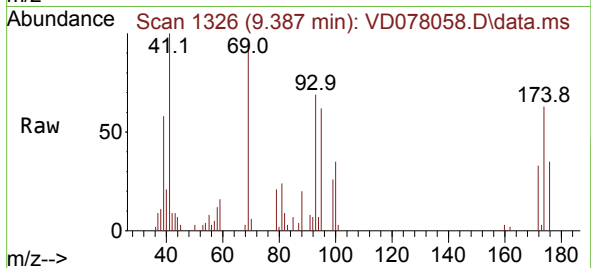
Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :



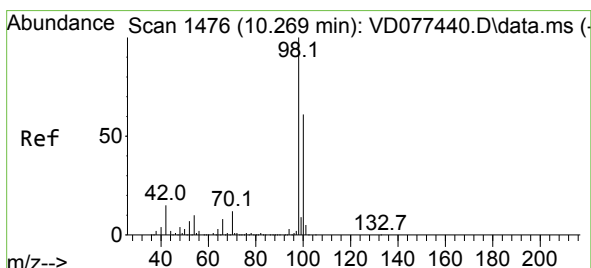
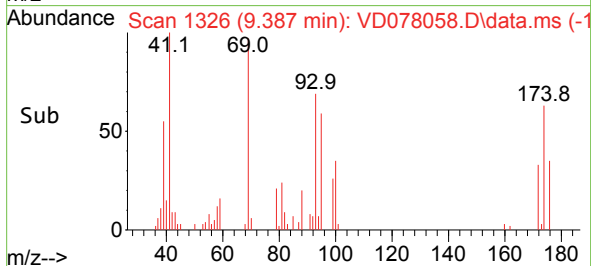
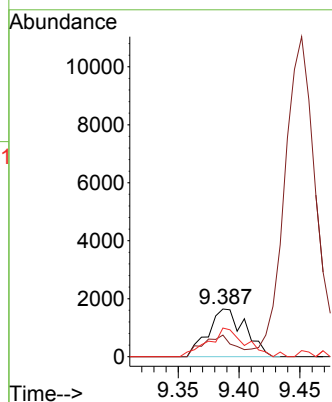
Tgt Ion: 88 Resp: 3478

Ion Ratio Lower Upper

88 100

43 37.8 19.0 28.6#

58 59.9 43.5 65.3



#50

Toluene-d8

Concen: 47.461 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078058.D

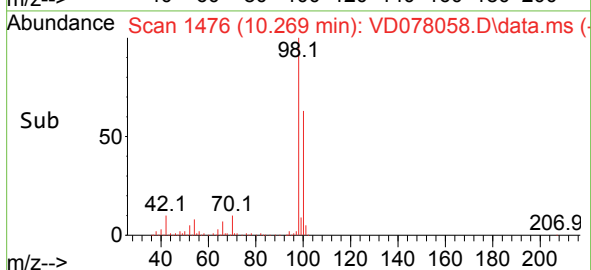
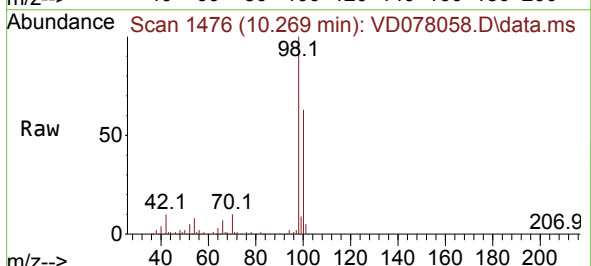
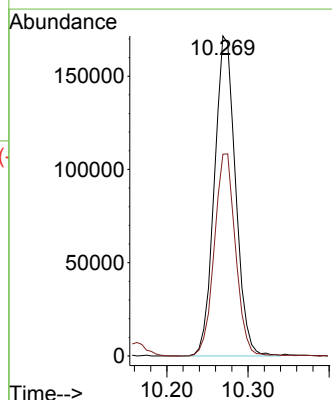
Acq: 22 Dec 2023 12:42

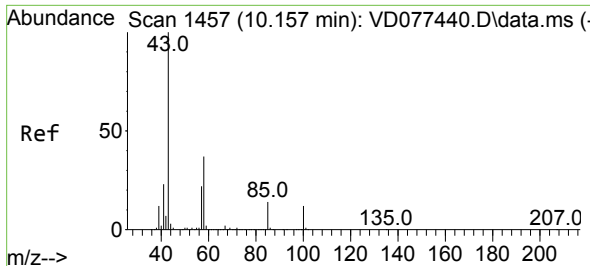
Tgt Ion: 98 Resp: 310515

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

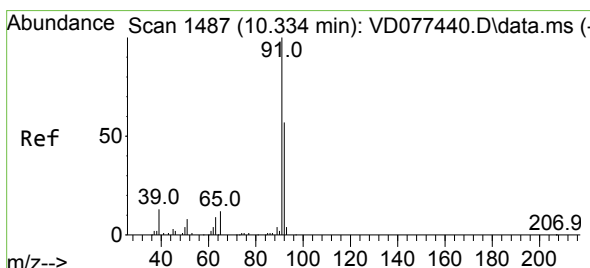
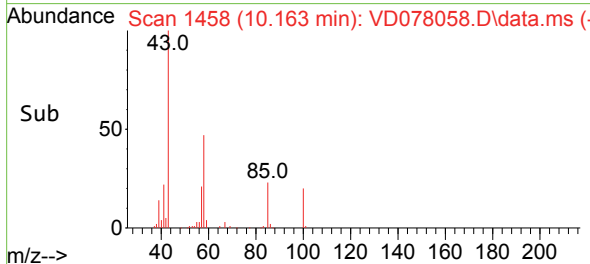
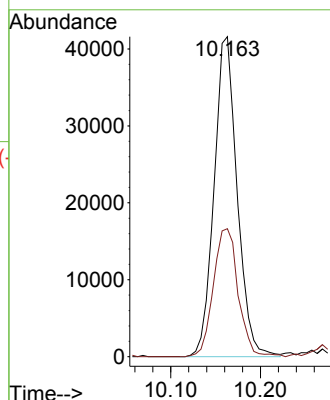
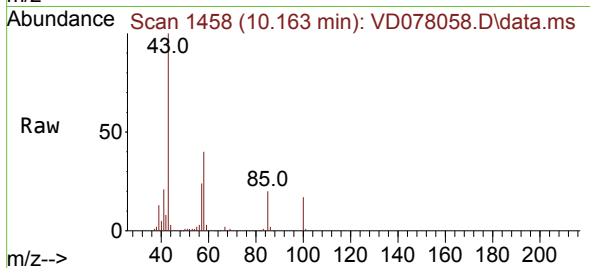




#51
4-Methyl-2-Pentanone
Concen: 80.361 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

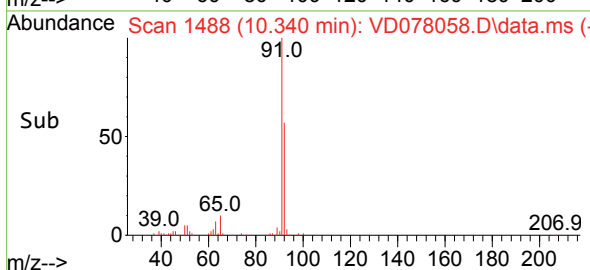
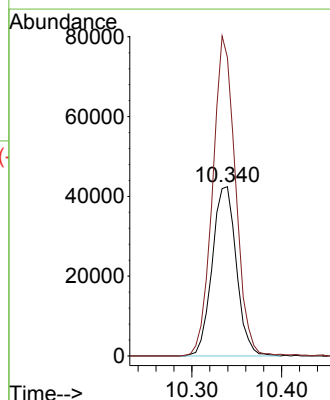
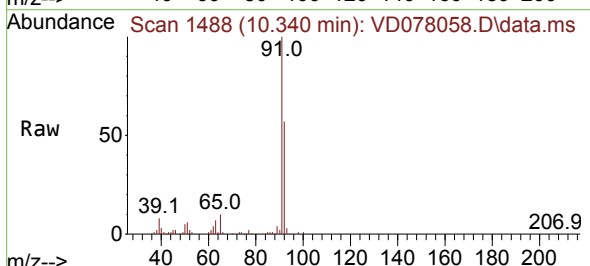
Instrument :
MSVOA_D
ClientSampleId :

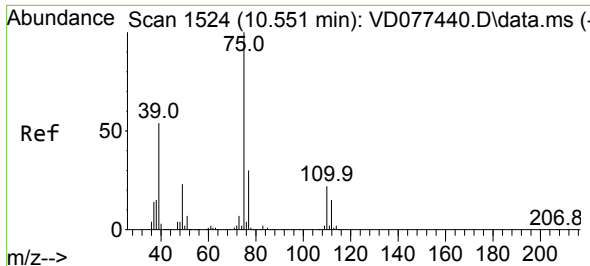
Tgt Ion: 43 Resp: 74280
Ion Ratio Lower Upper
43 100
58 43.0 38.9 58.3



#52
Toluene
Concen: 17.255 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 92 Resp: 79379
Ion Ratio Lower Upper
92 100
91 179.5 143.0 214.4

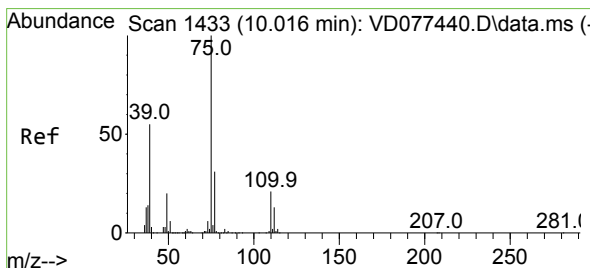
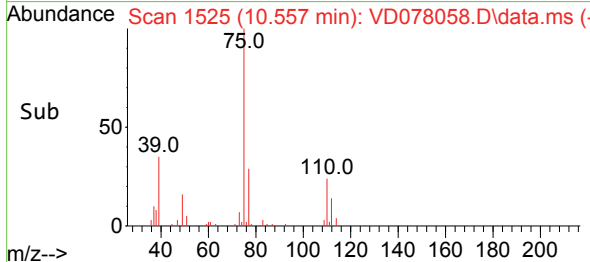
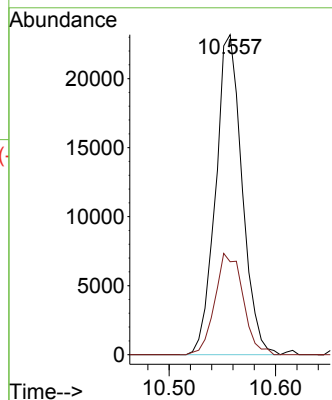
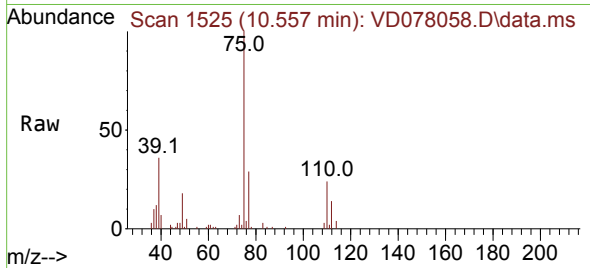




#53
 t-1,3-Dichloropropene
 Concen: 17.203 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078058.D
 Acq: 22 Dec 2023 12:42

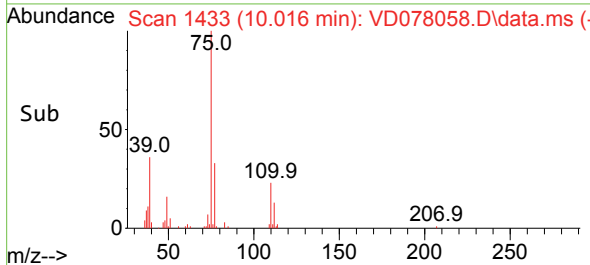
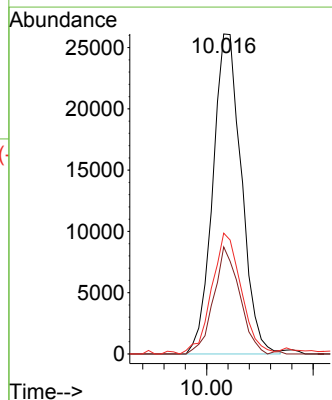
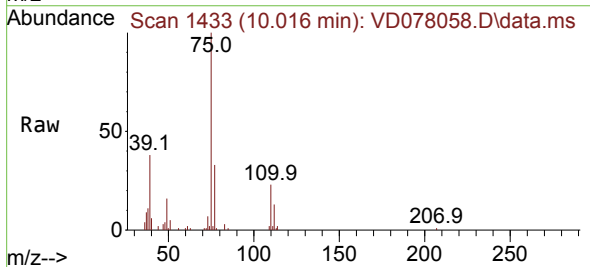
Instrument :
 MSVOA_D
 ClientSampleId :

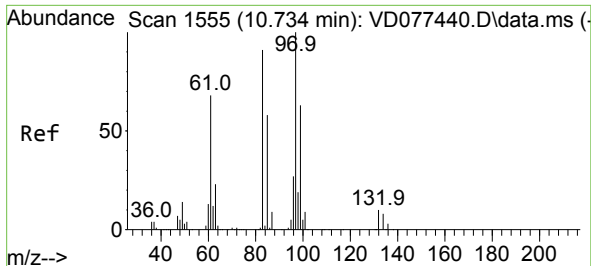
Tgt Ion: 75 Resp: 39943
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 17.307 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078058.D
 Acq: 22 Dec 2023 12:42

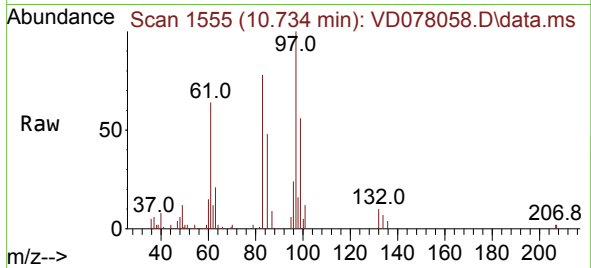
Tgt Ion: 75 Resp: 48585
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.5 38.3
 39 37.8 22.1 33.1#



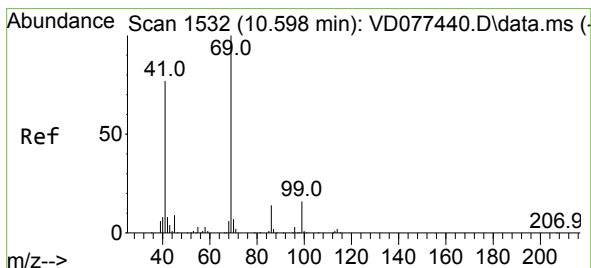
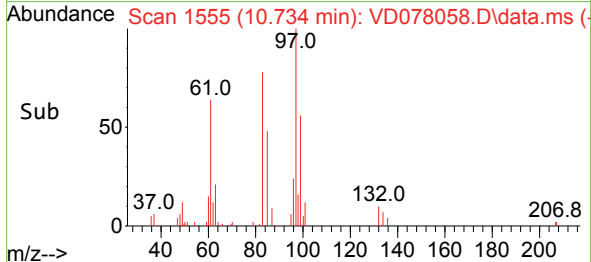
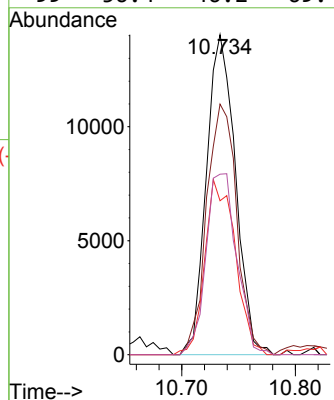


#55
1,1,2-Trichloroethane
Concen: 19.109 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :

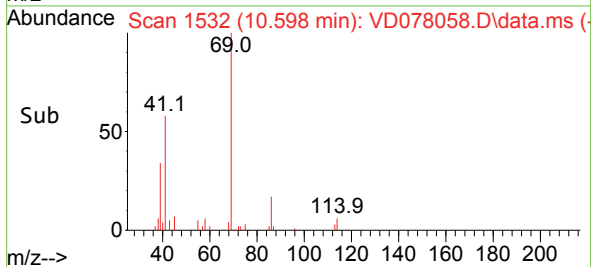
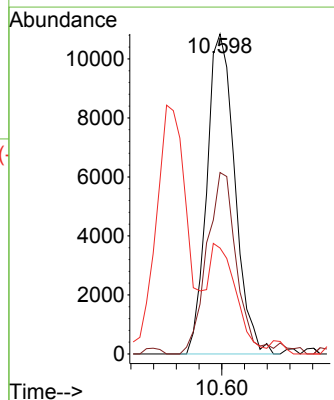
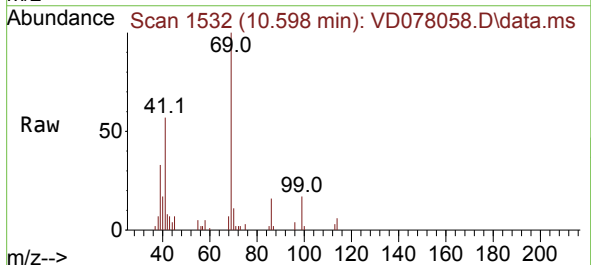


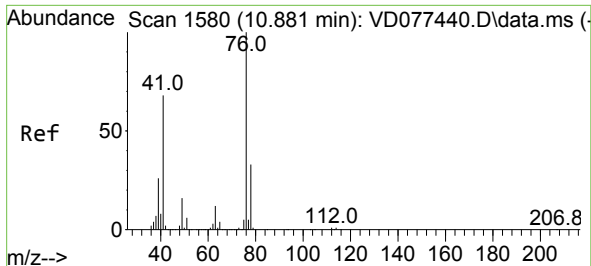
Tgt Ion:	97	Resp:	24933
Ion	Ratio	Lower	Upper
97	100		
83	78.3	65.8	98.6
85	48.1	45.7	68.5
99	56.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 16.120 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion:	69	Resp:	18541
Ion	Ratio	Lower	Upper
69	100		
41	60.1	39.1	58.7#
39	34.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 17.628 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

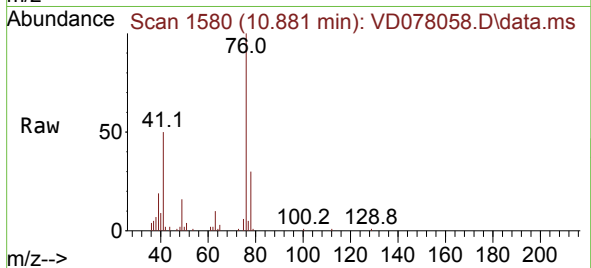
Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

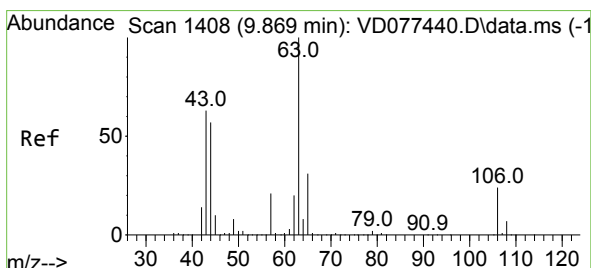
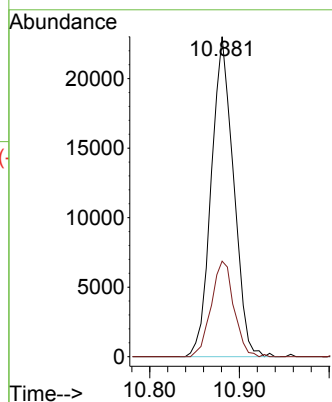
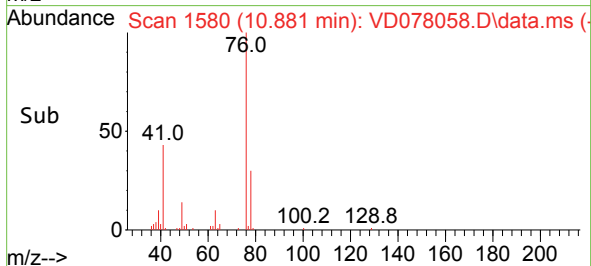


Tgt Ion: 76 Resp: 39647

Ion Ratio Lower Upper

76 100

78 30.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 71.415 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078058.D

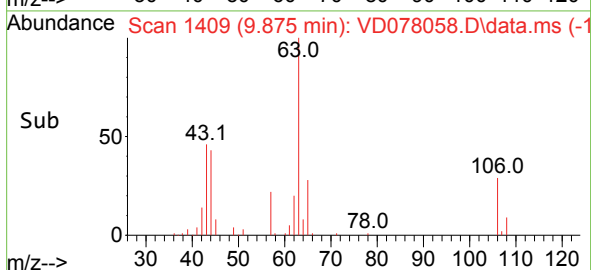
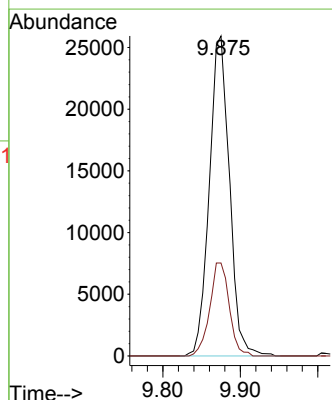
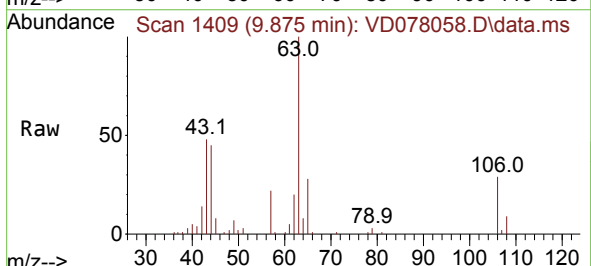
Acq: 22 Dec 2023 12:42

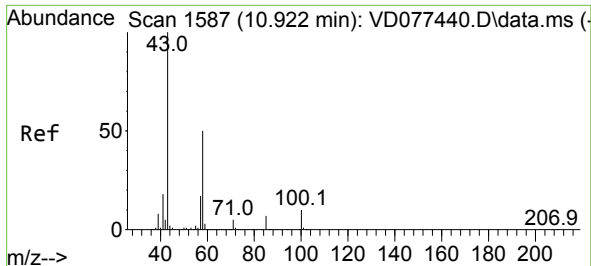
Tgt Ion: 63 Resp: 46844

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

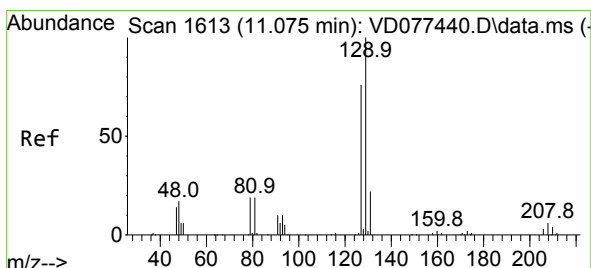
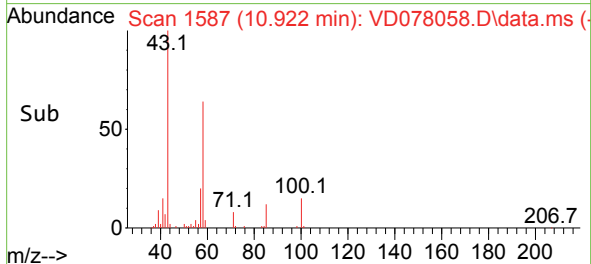
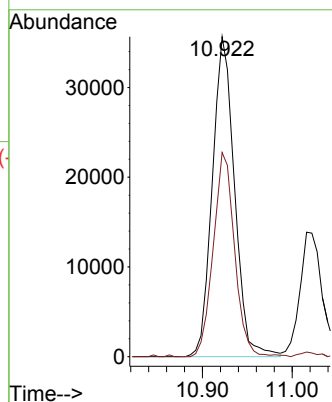
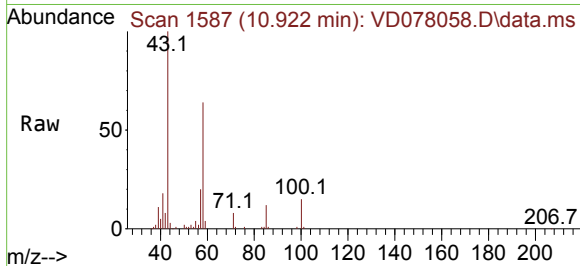




#59
2-Hexanone
Concen: 79.874 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

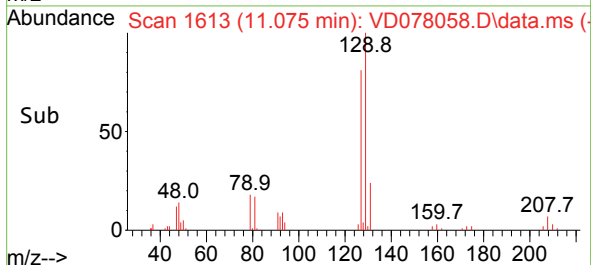
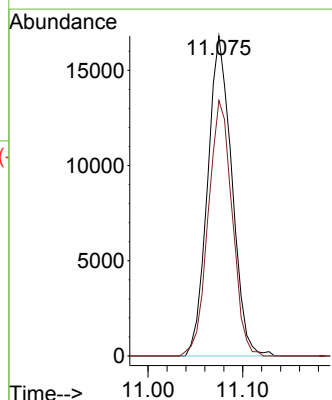
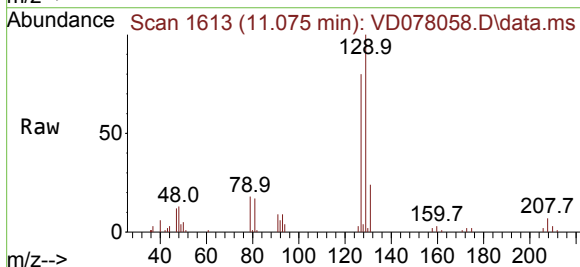
Instrument :
MSVOA_D
ClientSampleId :

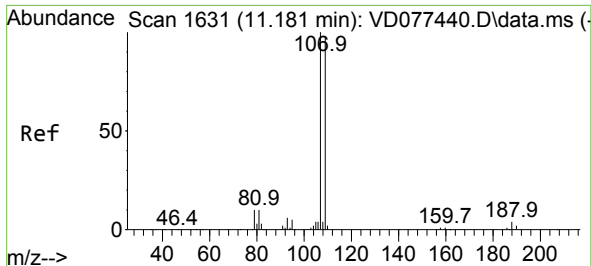
Tgt Ion: 43 Resp: 61253
Ion Ratio Lower Upper
43 100
58 61.5 34.1 102.2



#60
Dibromochloromethane
Concen: 18.997 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

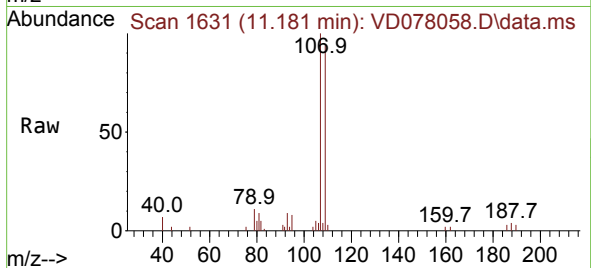
Tgt Ion: 129 Resp: 29843
Ion Ratio Lower Upper
129 100
127 78.8 37.1 111.5



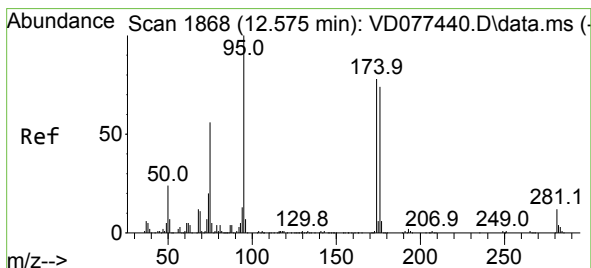
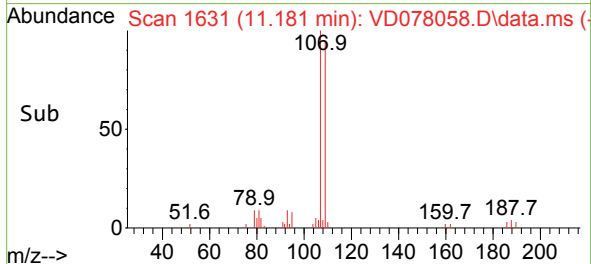
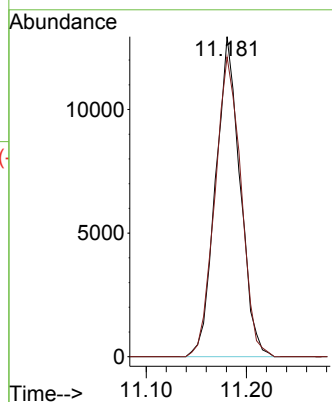


#61
1,2-Dibromoethane
Concen: 17.878 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :

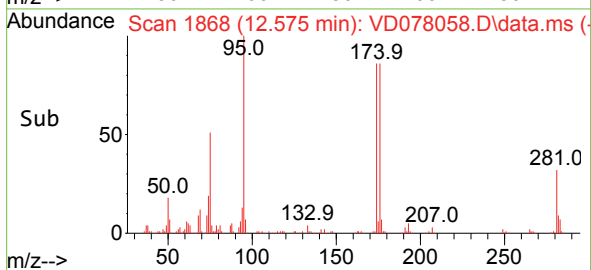
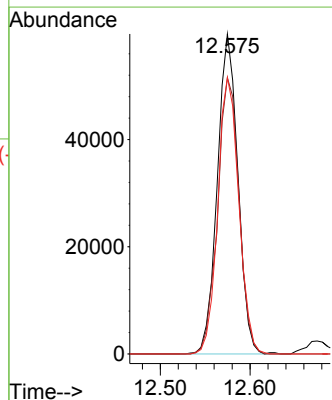
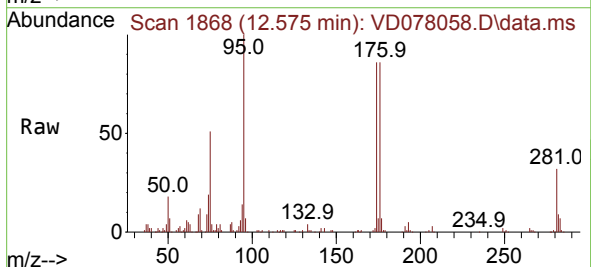


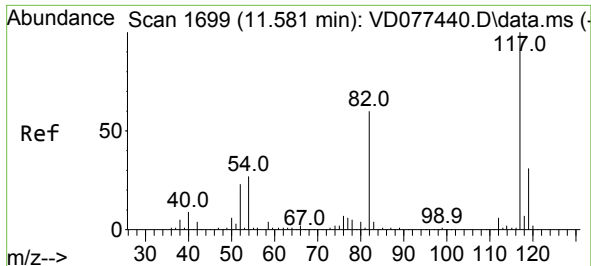
Tgt Ion:107 Resp: 21958
Ion Ratio Lower Upper
107 100
109 99.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.609 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 95 Resp: 95082
Ion Ratio Lower Upper
95 100
174 89.7 0.0 201.8
176 88.2 0.0 191.8

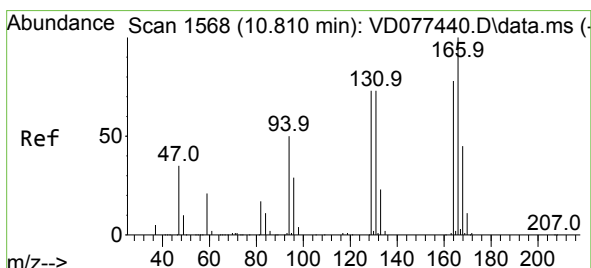
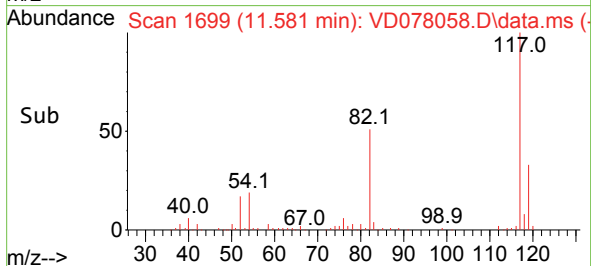
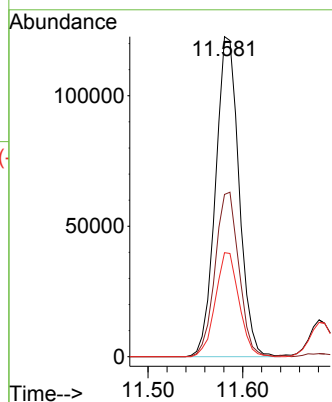
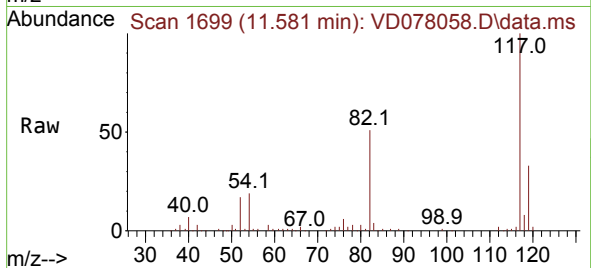




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

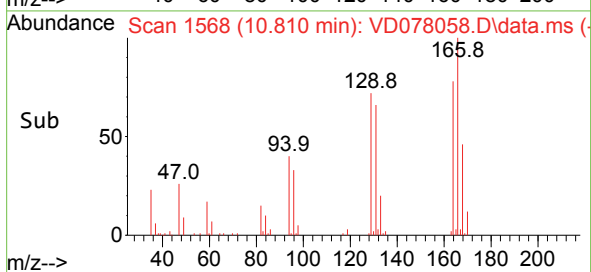
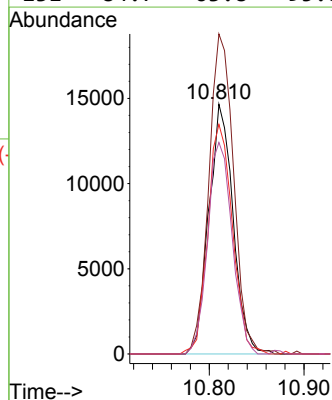
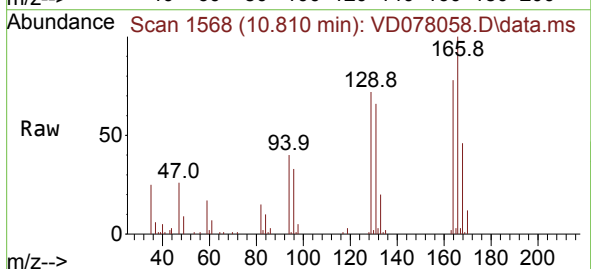
Instrument :
MSVOA_D
ClientSampleId :

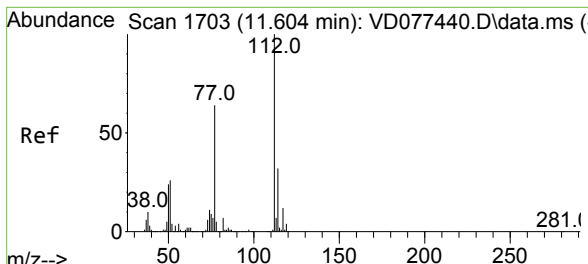
Tgt Ion:117 Resp: 211422
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 16.885 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion:164 Resp: 26238
Ion Ratio Lower Upper
164 100
166 128.1 99.2 148.8
129 91.9 68.4 102.6
131 84.7 63.8 95.8

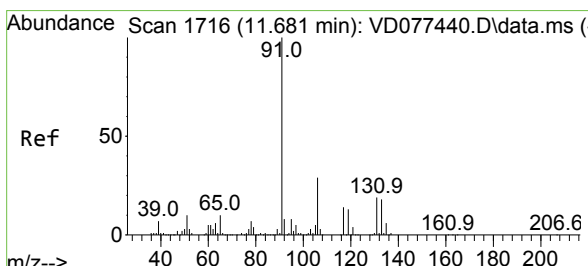
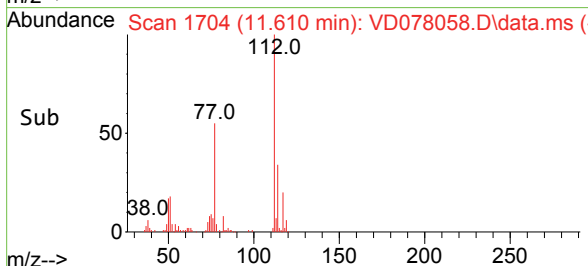
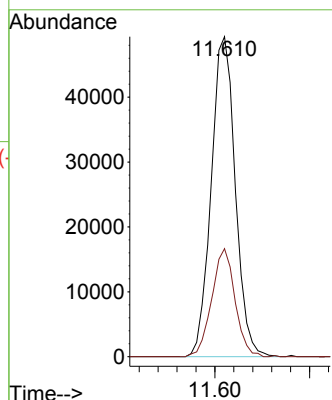
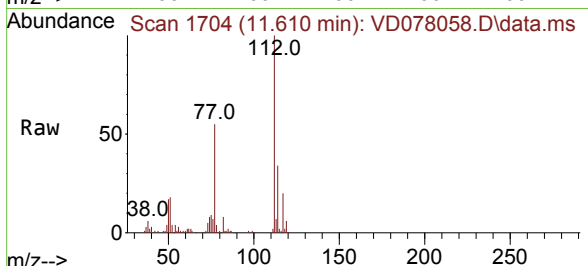




#65
Chlorobenzene
Concen: 16.188 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

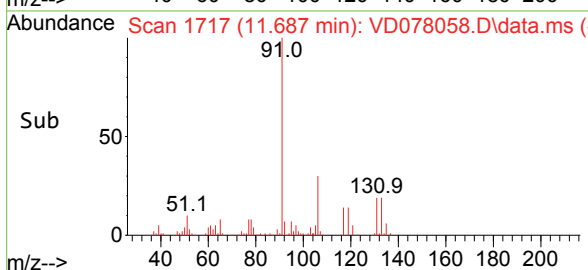
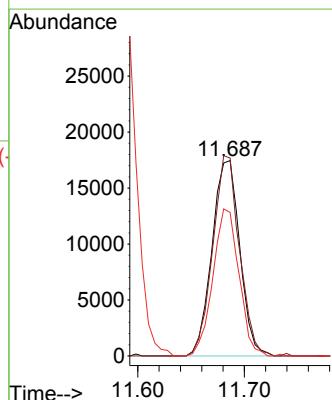
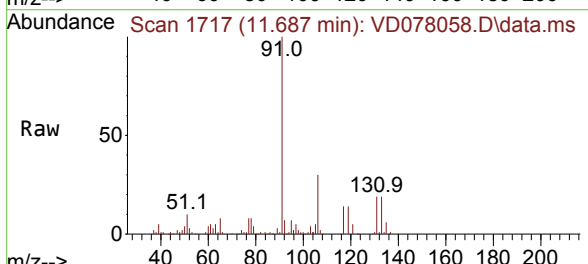
Instrument :
MSVOA_D
ClientSampleId :

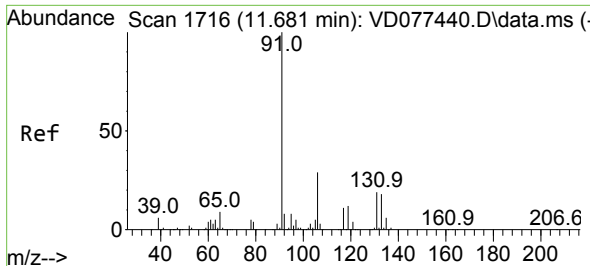
Tgt Ion:112 Resp: 86941
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.969 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion:131 Resp: 31591
Ion Ratio Lower Upper
131 100
133 98.4 48.5 145.5
119 70.6 35.6 106.9

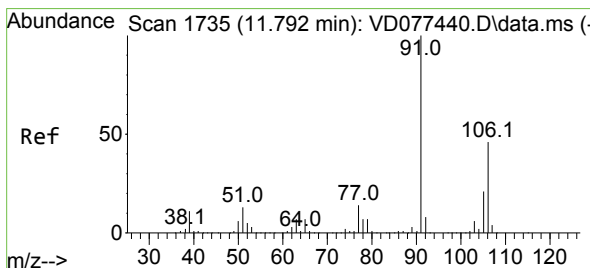
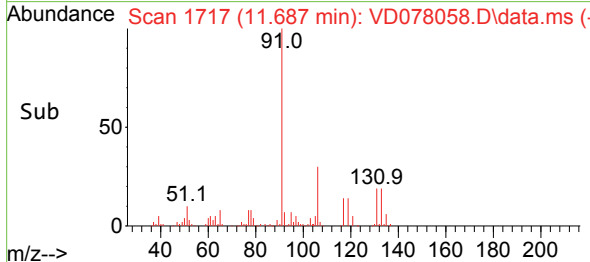
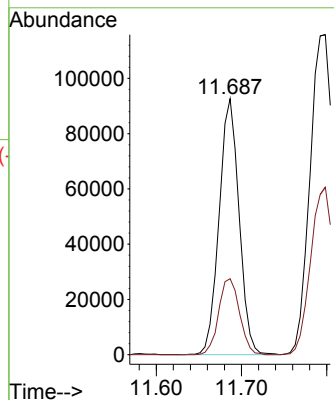
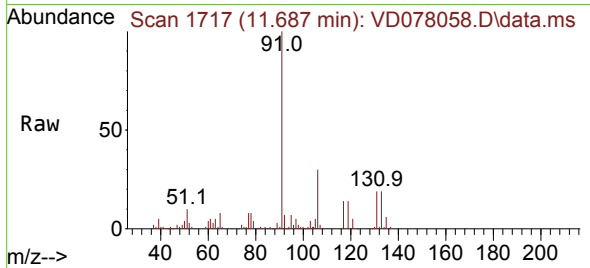




#67
Ethyl Benzene
Concen: 17.118 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

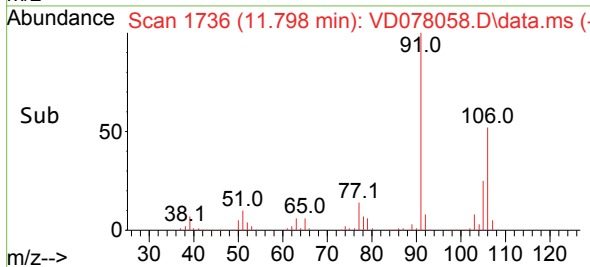
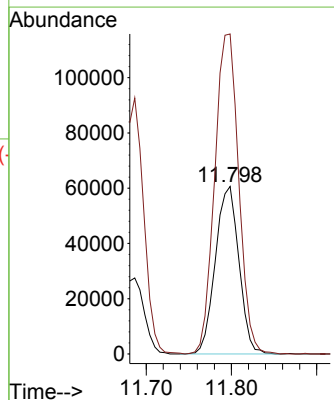
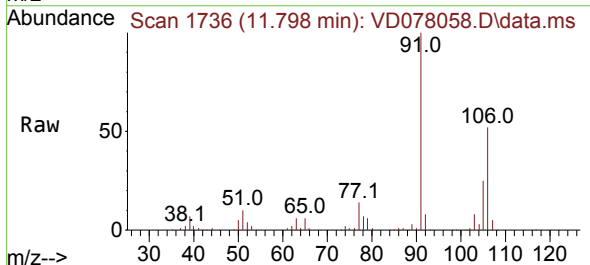
Instrument :
MSVOA_D
ClientSampleId :

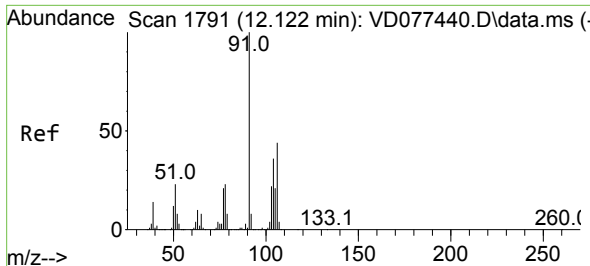
Tgt Ion: 91 Resp: 150676
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7



#68
m/p-Xylenes
Concen: 34.607 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 106 Resp: 116518
Ion Ratio Lower Upper
106 100
91 195.0 147.0 220.6

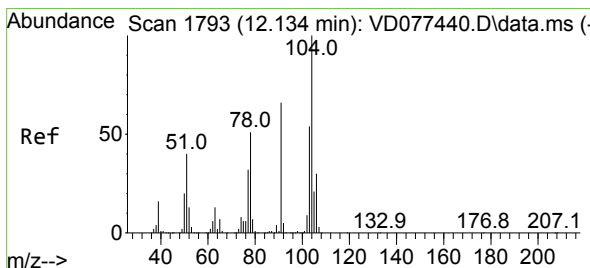
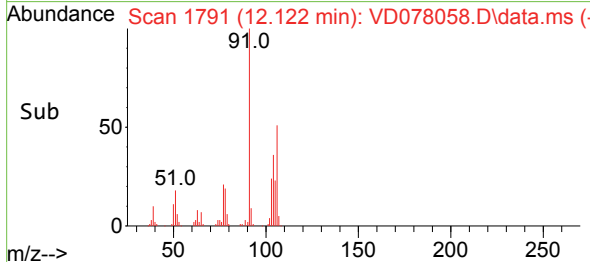
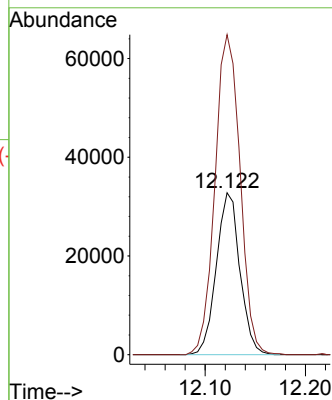
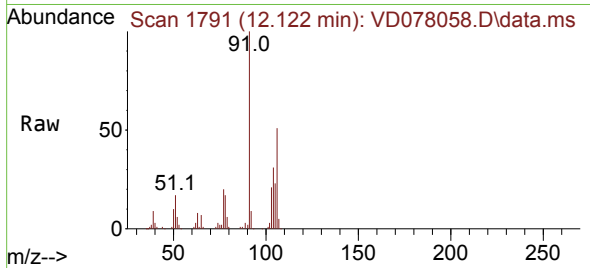




#69
o-Xylene
Concen: 17.267 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

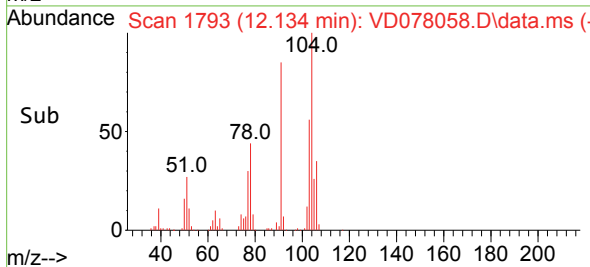
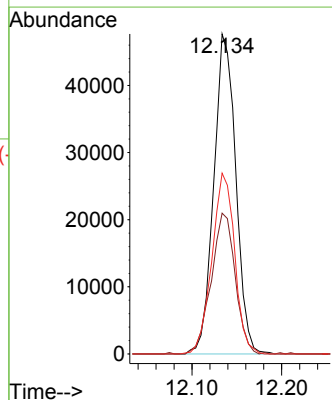
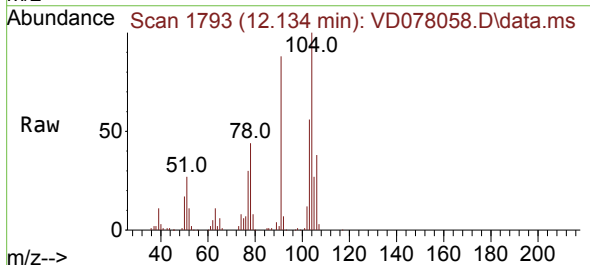
Instrument :
MSVOA_D
ClientSampleId :

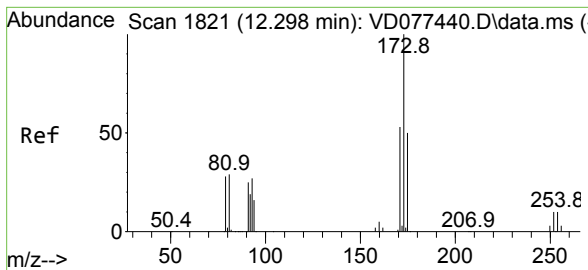
Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.5	97.9	293.6



#70
Styrene
Concen: 17.600 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	33.2	49.8
103	58.3	43.6	65.4

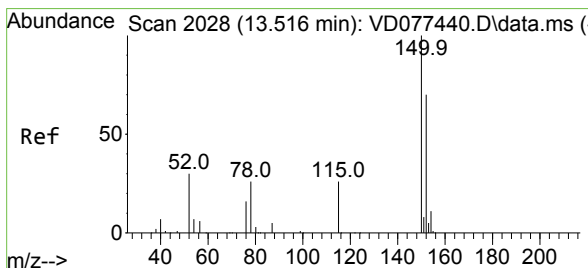
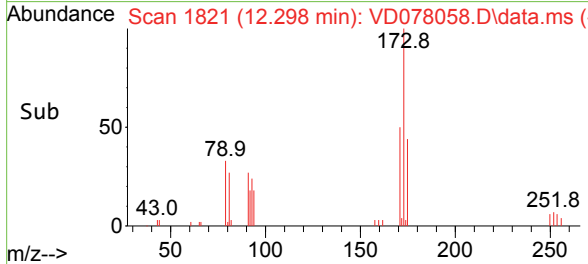
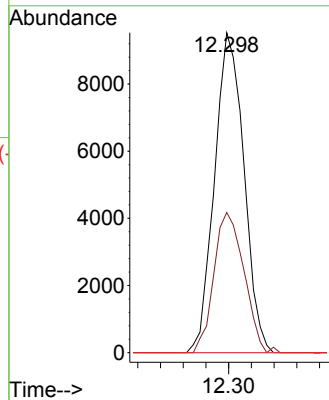
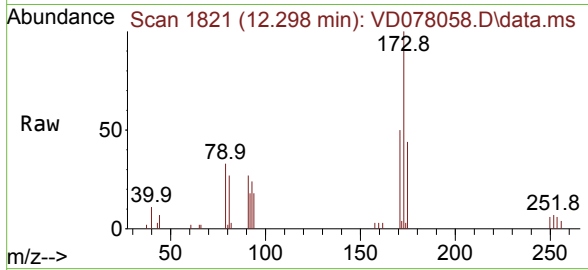




#71
Bromoform
Concen: 18.615 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

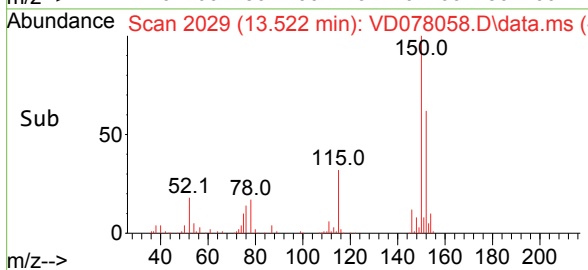
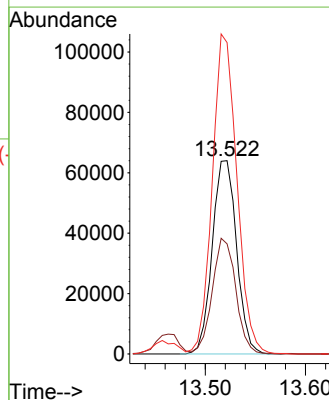
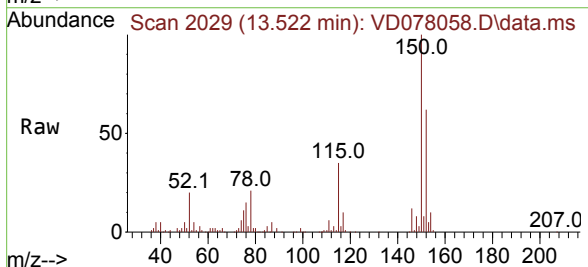
Instrument :
MSVOA_D
ClientSampleId :

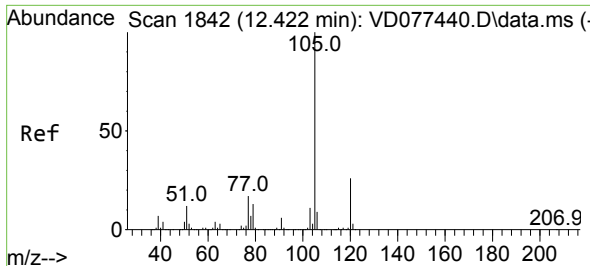
Tgt Ion:173 Resp: 17100
Ion Ratio Lower Upper
173 100
175 44.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

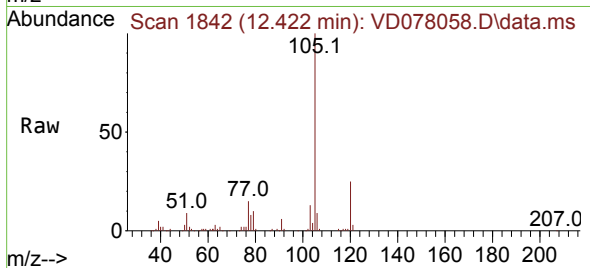
Tgt Ion:152 Resp: 108058
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 166.9 0.0 353.6



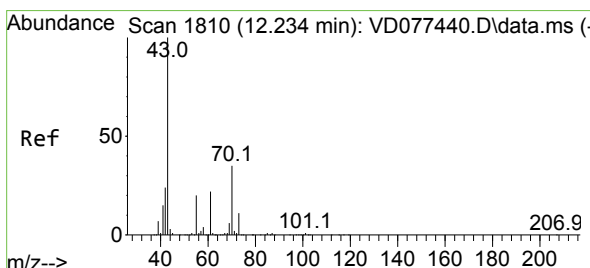
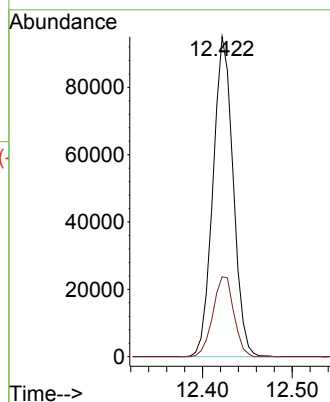
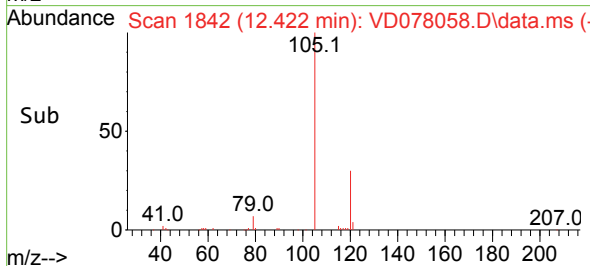


#73
Isopropylbenzene
Concen: 18.130 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

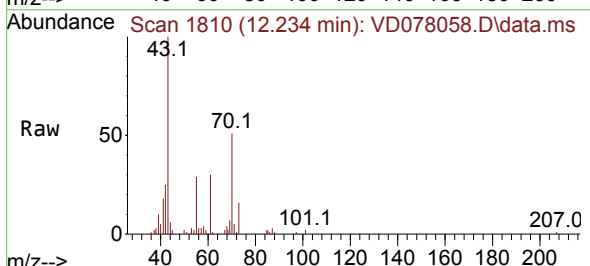
Instrument :
MSVOA_D
ClientSampleId :



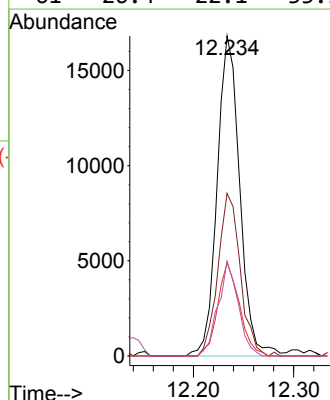
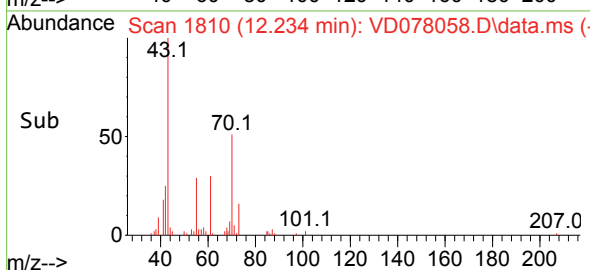
Tgt Ion:105 Resp: 148481
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9

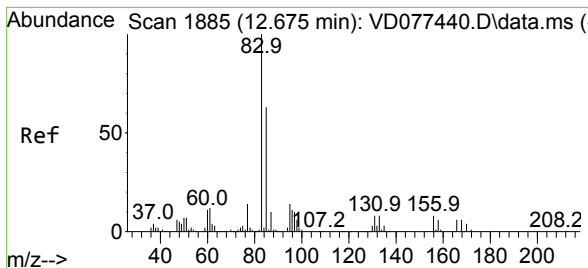


#74
N-ethyl acetate
Concen: 16.319 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42



Tgt Ion: 43 Resp: 26271
Ion Ratio Lower Upper
43 100
70 50.5 45.0 67.4
55 28.2 23.8 35.6
61 26.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.286 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

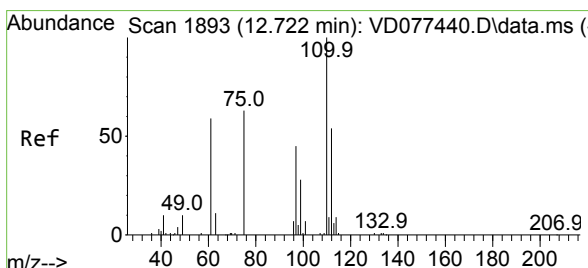
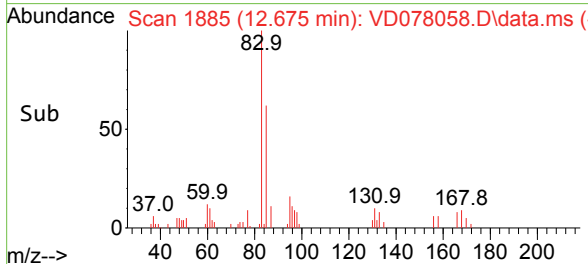
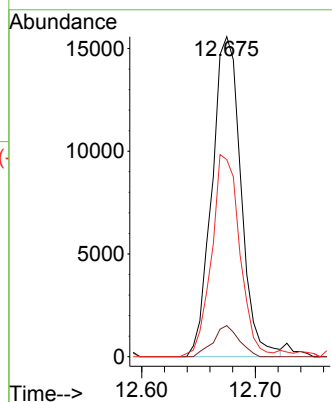
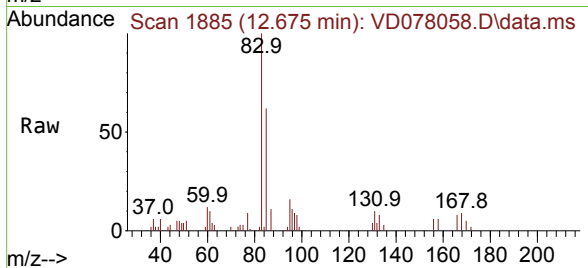
Tgt Ion: 83 Resp: 27541

Ion Ratio Lower Upper

83 100

131 8.7 5.1 15.3

85 61.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 35.721 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078058.D

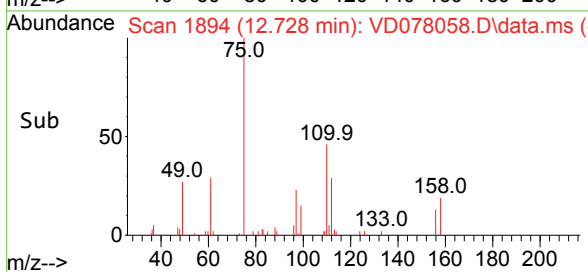
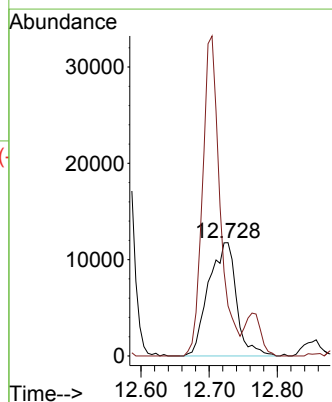
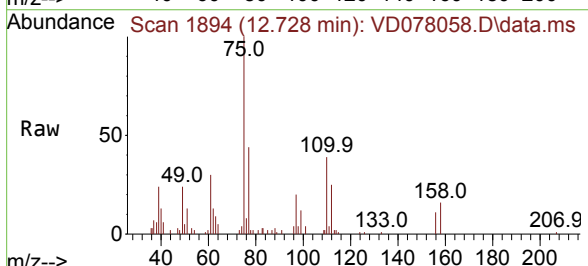
Acq: 22 Dec 2023 12:42

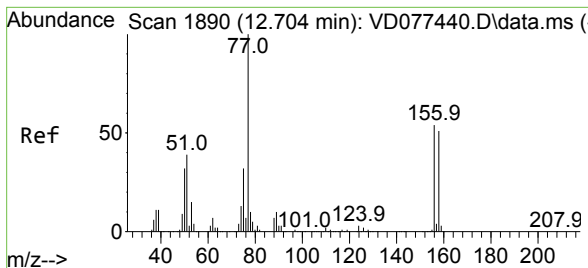
Tgt Ion: 75 Resp: 33524

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.493 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

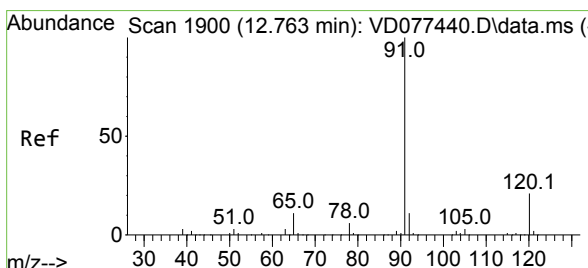
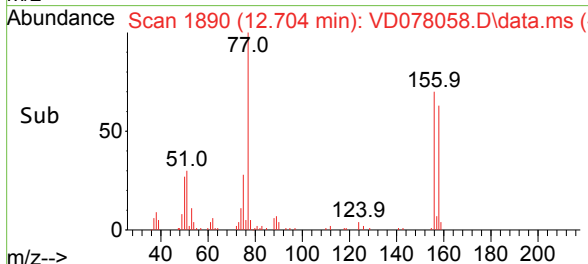
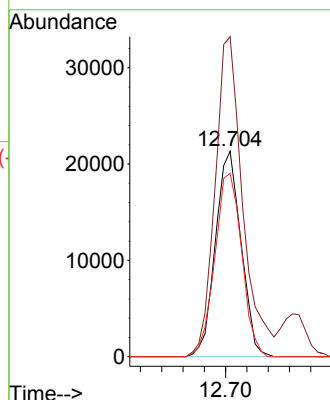
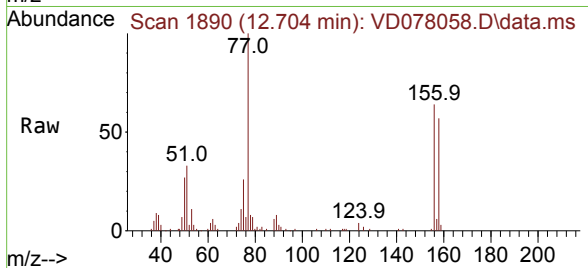
Tgt Ion:156 Resp: 35624

Ion Ratio Lower Upper

156 100

77 167.6 76.8 230.4

158 93.6 48.6 145.9



#78

n-propylbenzene

Concen: 18.507 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078058.D

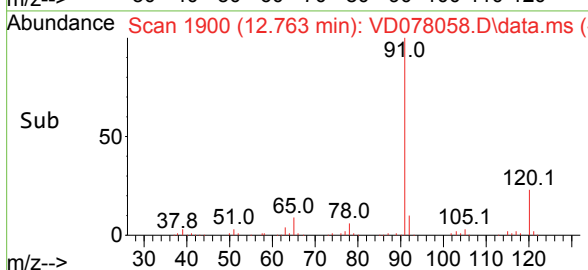
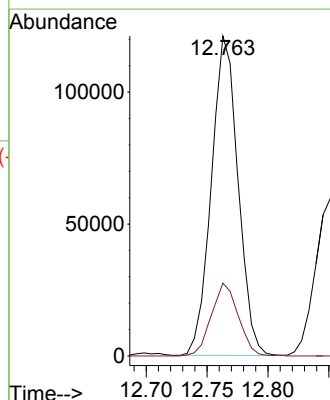
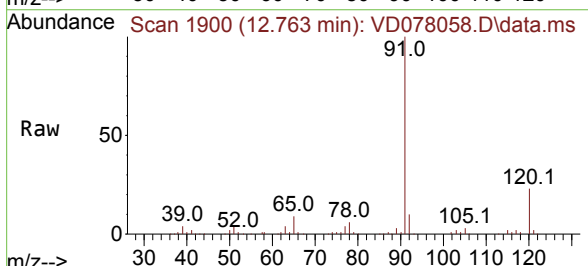
Acq: 22 Dec 2023 12:42

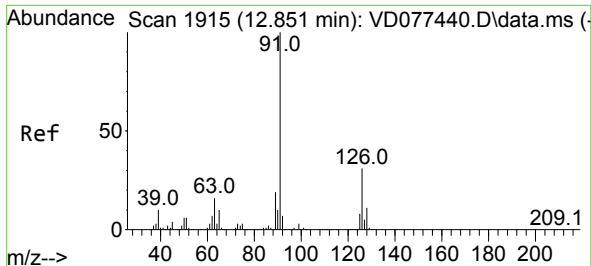
Tgt Ion: 91 Resp: 184694

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

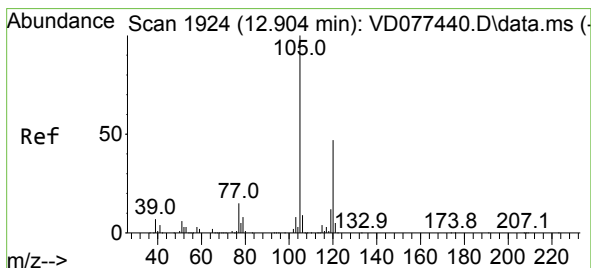
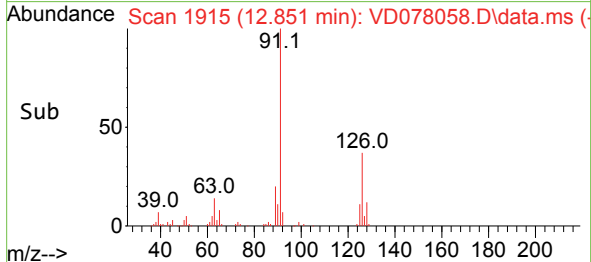
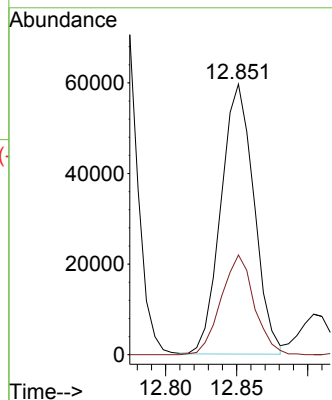
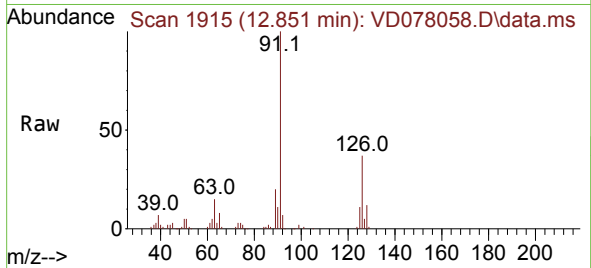




#79
2-Chlorotoluene
Concen: 18.067 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

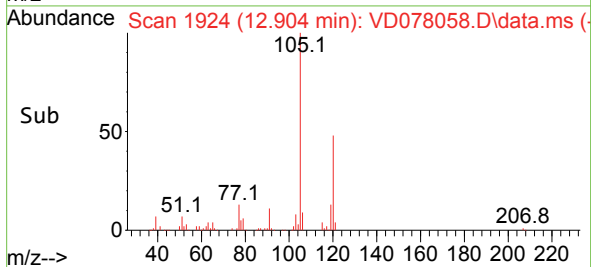
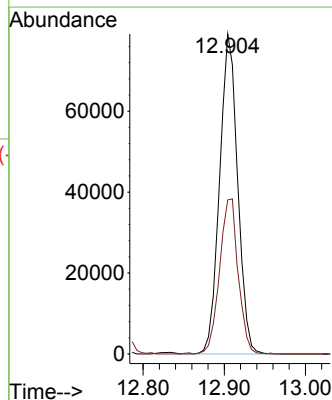
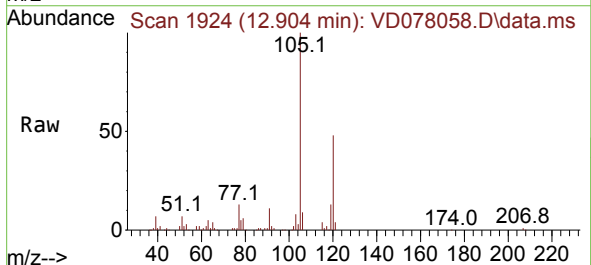
Instrument :
MSVOA_D
ClientSampleId :

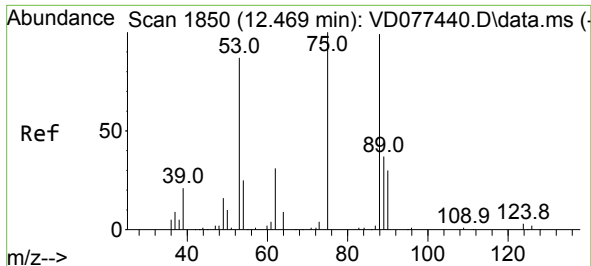
Tgt Ion: 91 Resp: 96625
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 17.916 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion: 105 Resp: 122380
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

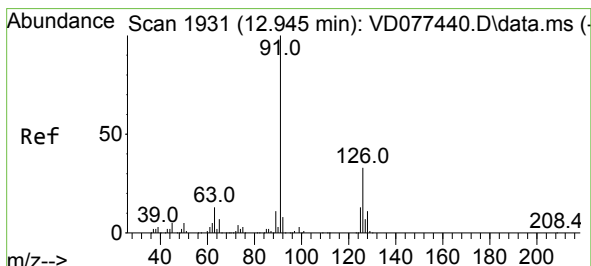
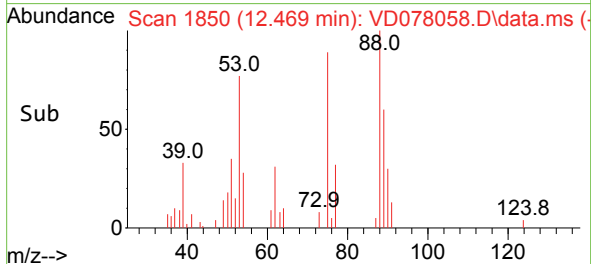
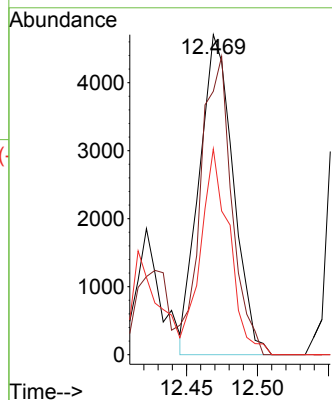
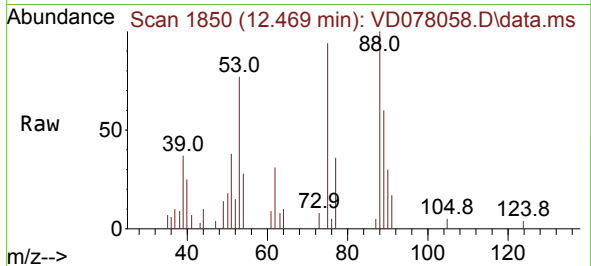




#81
trans-1,4-Dichloro-2-butene
Concen: 16.915 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

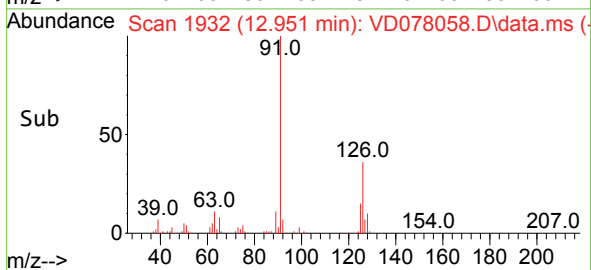
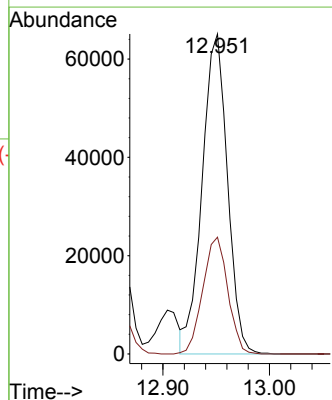
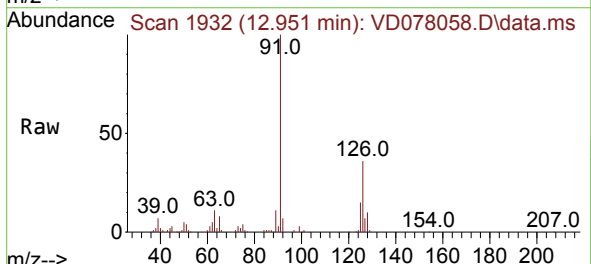
Instrument :
MSVOA_D
ClientSampleId :

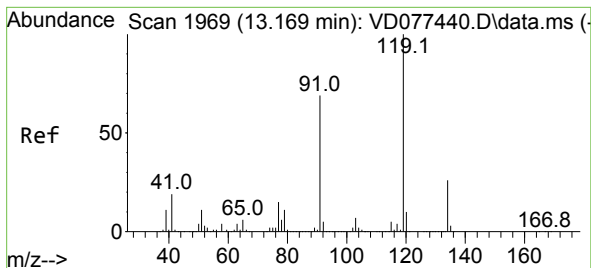
Tgt Ion:	75	Resp:	7835
Ion	Ratio	Lower	Upper
75	100		
53	84.0	63.0	94.4
89	54.3	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.238 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

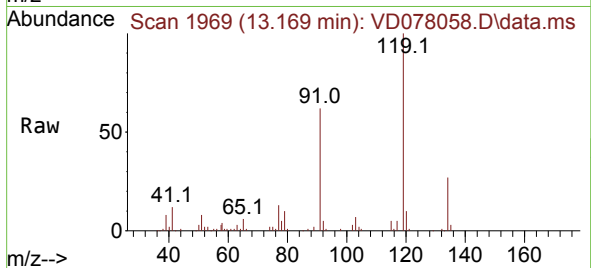
Tgt Ion:	91	Resp:	107561
Ion	Ratio	Lower	Upper
91	100		
126	36.1	19.4	58.4



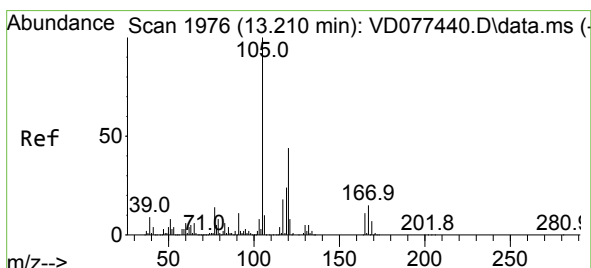
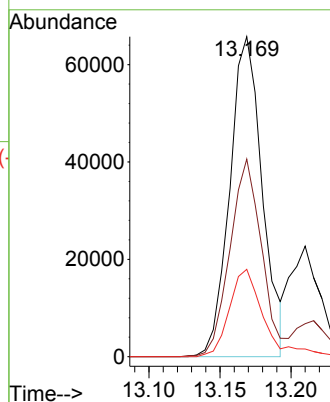
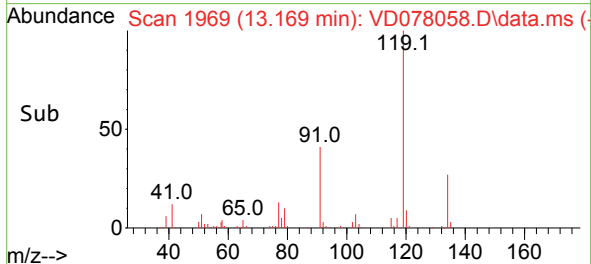


#83
tert-Butylbenzene
Concen: 18.176 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

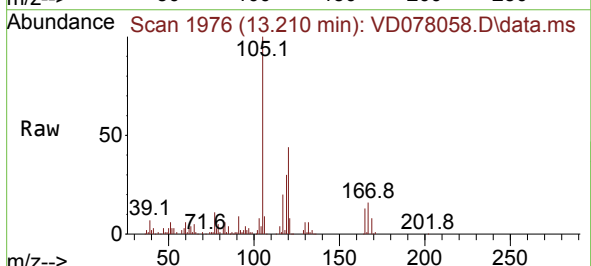
Instrument :
MSVOA_D
ClientSampleId :



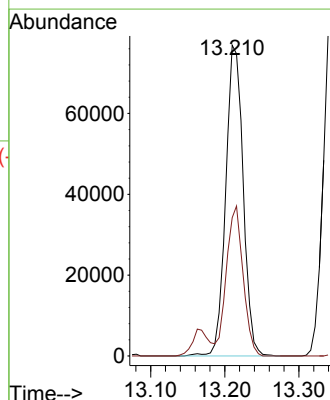
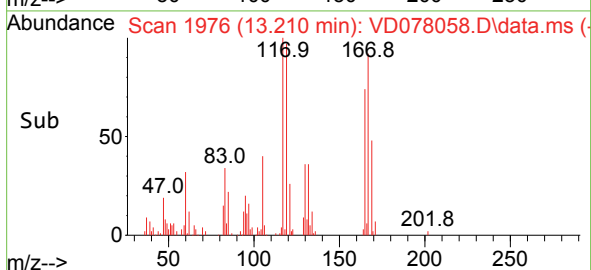
Tgt Ion:119 Resp: 104817
Ion Ratio Lower Upper
119 100
91 60.8 29.3 87.8
134 28.9 14.1 42.3

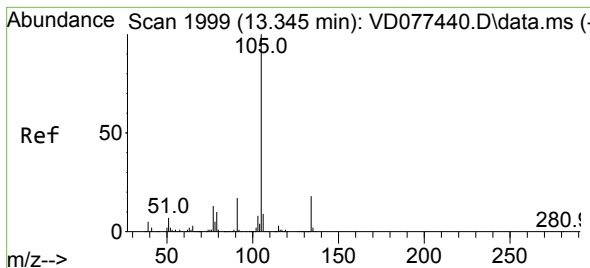


#84
1,2,4-Trimethylbenzene
Concen: 18.351 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42



Tgt Ion:105 Resp: 125374
Ion Ratio Lower Upper
105 100
120 46.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 18.788 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

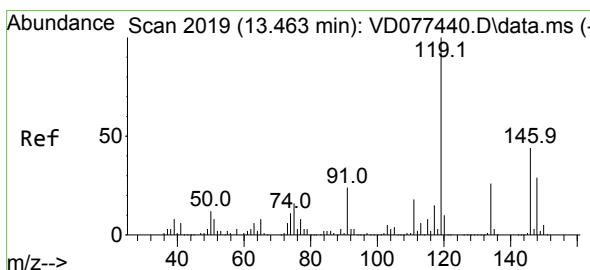
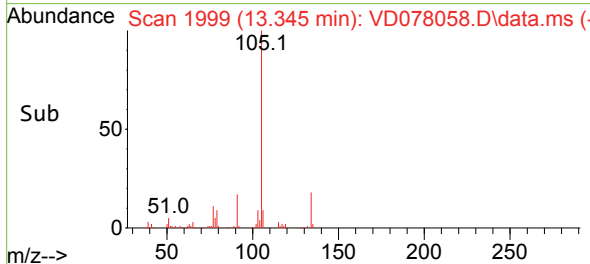
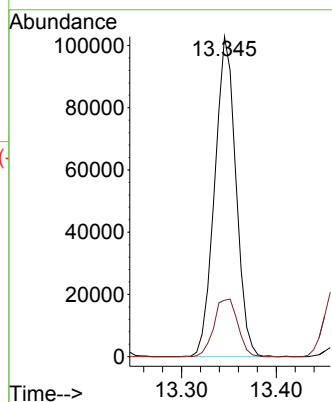
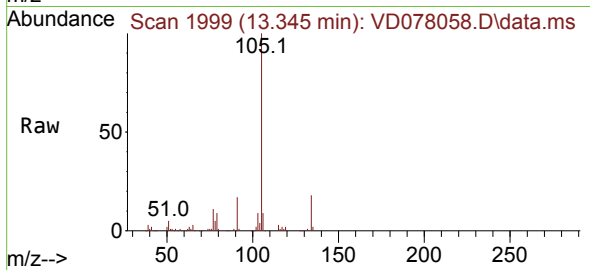
ClientSampleId :

Tgt Ion:105 Resp: 160148

Ion Ratio Lower Upper

105 100

134 20.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 18.077 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

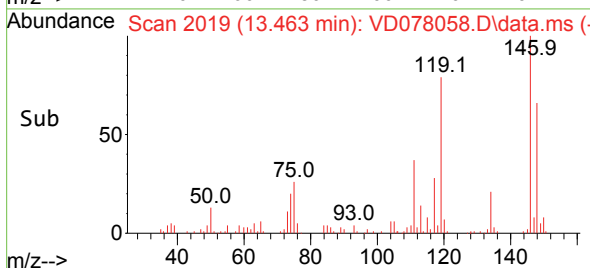
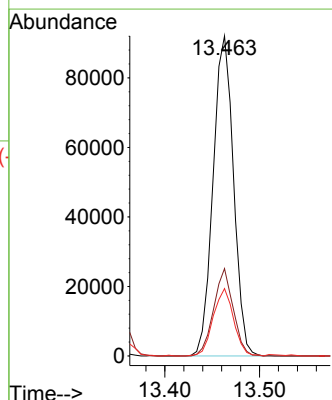
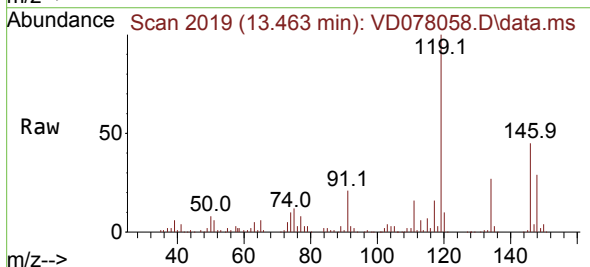
Tgt Ion:119 Resp: 137959

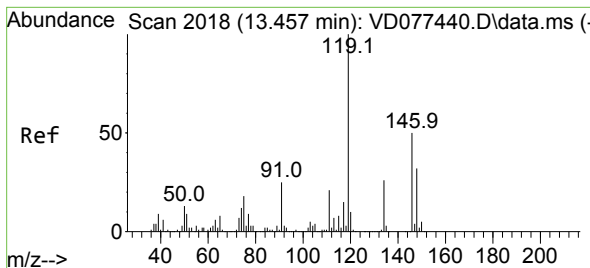
Ion Ratio Lower Upper

119 100

134 26.1 14.2 42.6

91 21.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 18.188 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

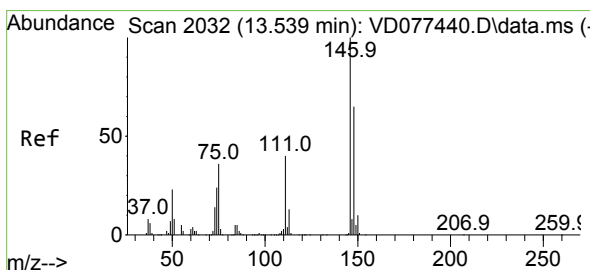
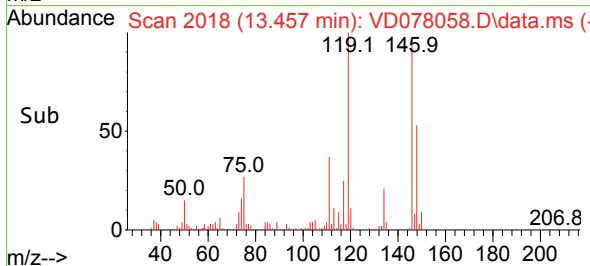
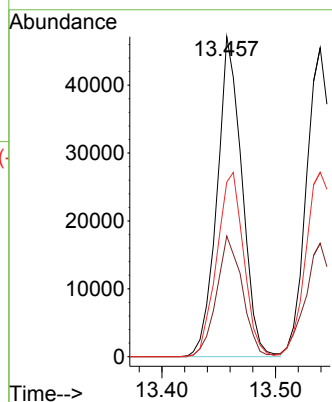
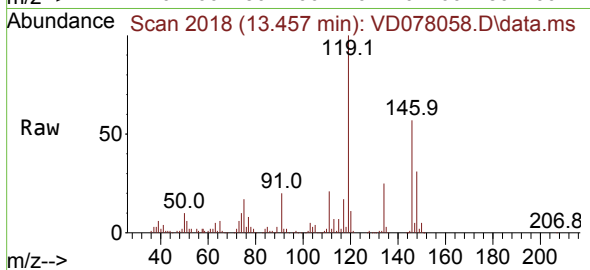
Tgt Ion:146 Resp: 71649

Ion Ratio Lower Upper

146 100

111 39.2 17.9 53.8

148 62.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 17.665 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

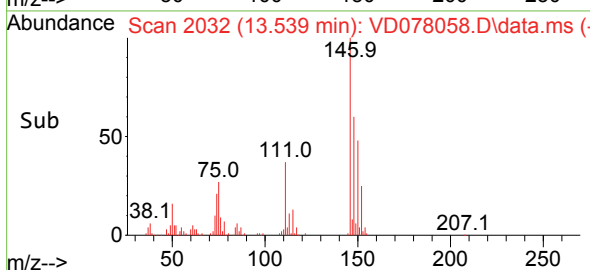
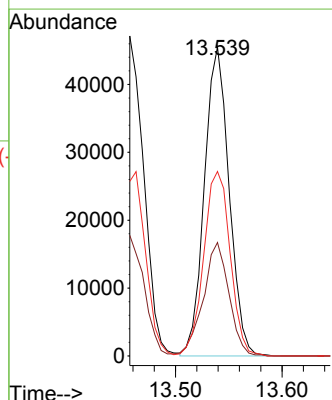
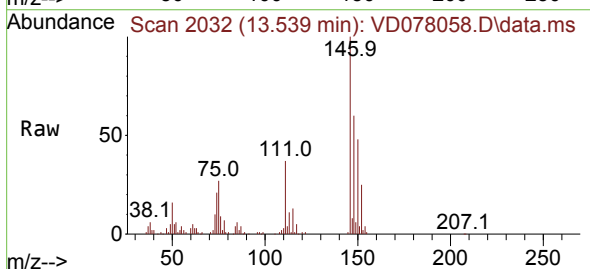
Tgt Ion:146 Resp: 73540

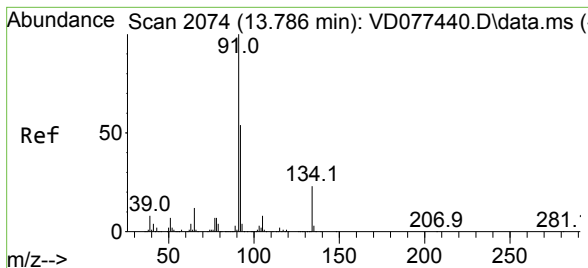
Ion Ratio Lower Upper

146 100

111 38.2 17.4 52.3

148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 18.244 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

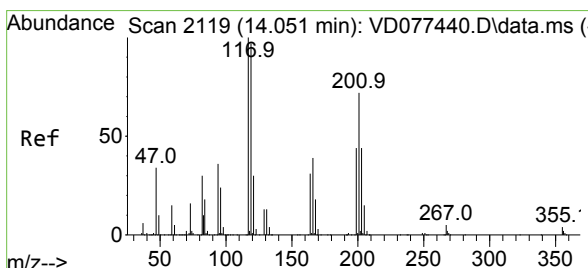
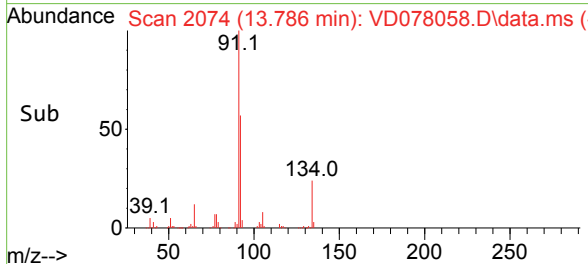
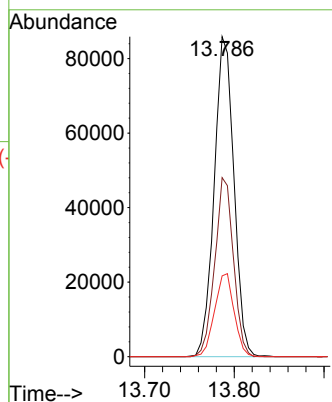
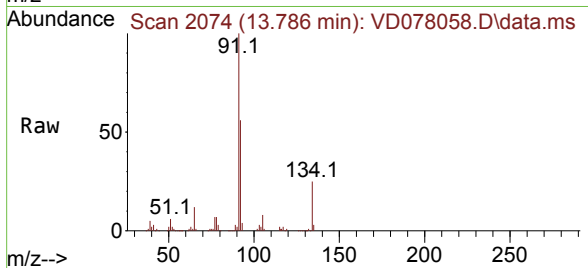
Tgt Ion: 91 Resp: 131012

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 25.8 13.8 41.3



#90

Hexachloroethane

Concen: 20.877 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078058.D

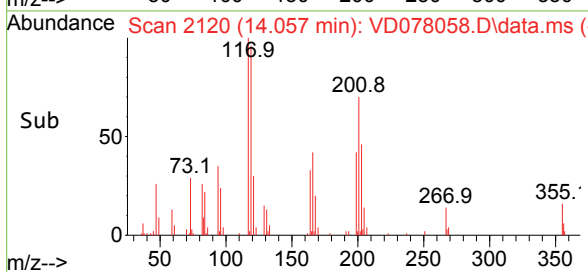
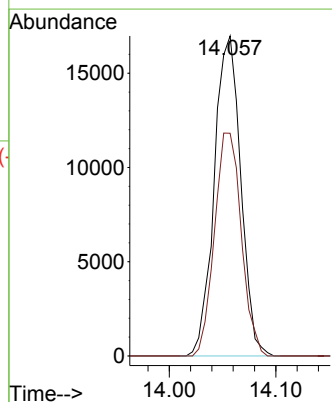
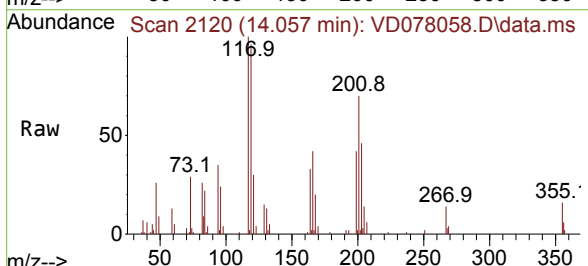
Acq: 22 Dec 2023 12:42

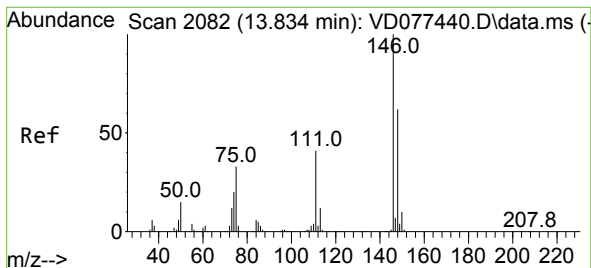
Tgt Ion: 117 Resp: 29302

Ion Ratio Lower Upper

117 100

201 70.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 18.671 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

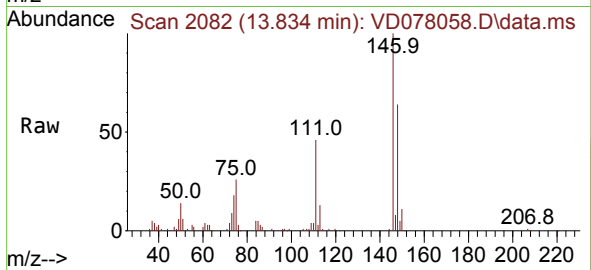
Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

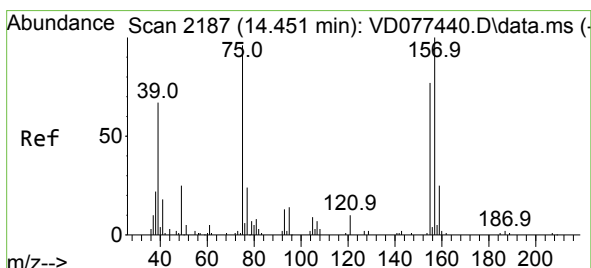
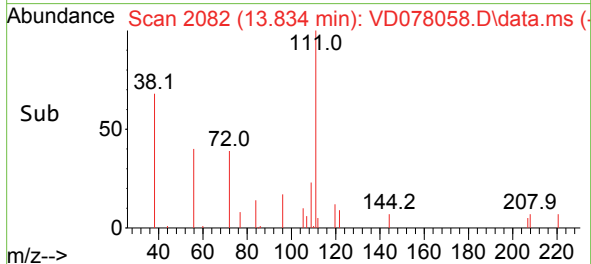
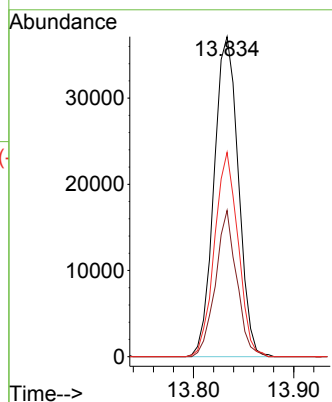
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	62554
Ion Ratio	Lower	Upper	
146	100		
111	39.9	18.3	54.8
148	61.9	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.954 ug/l

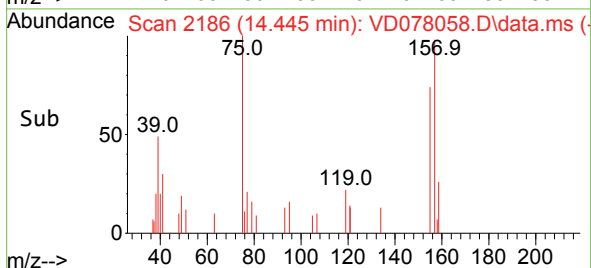
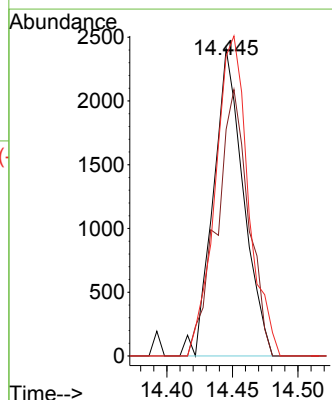
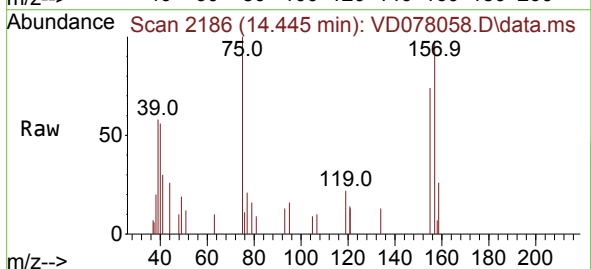
RT: 14.445 min Scan# 2186

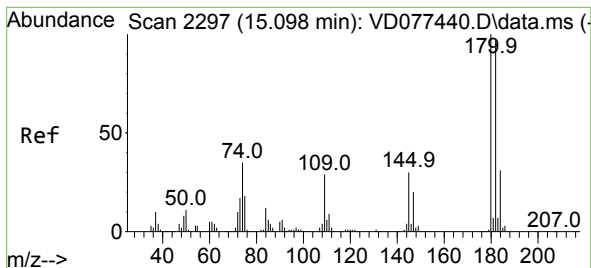
Delta R.T. -0.006 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Tgt Ion:	75	Resp:	3844
Ion Ratio	Lower	Upper	
75	100		
155	92.3	47.9	143.8
157	114.8	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 16.767 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

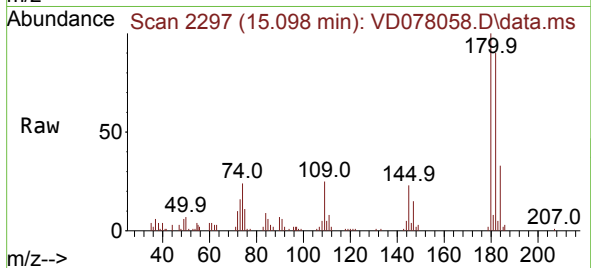
Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :



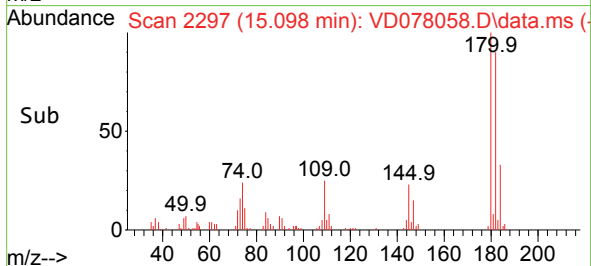
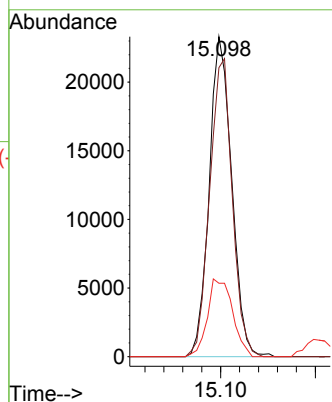
Tgt Ion:180 Resp: 38371

Ion Ratio Lower Upper

180 100

182 93.7 48.5 145.6

145 27.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.648 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD078058.D

Acq: 22 Dec 2023 12:42

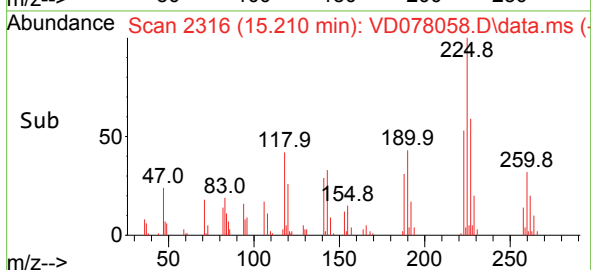
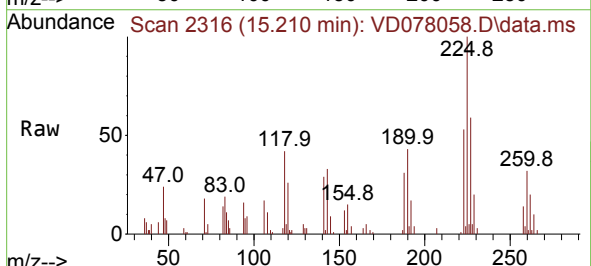
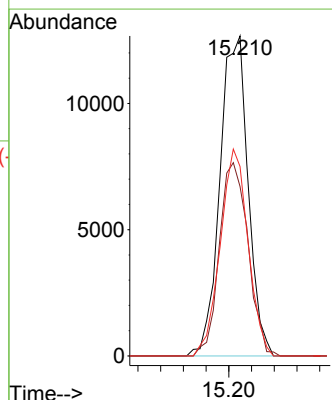
Tgt Ion:225 Resp: 21779

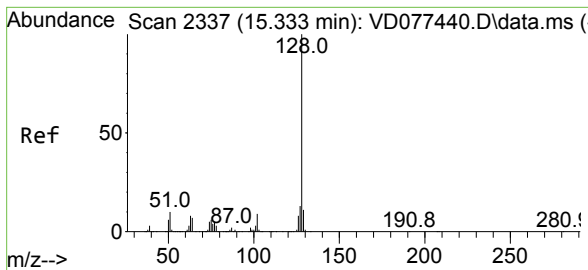
Ion Ratio Lower Upper

225 100

223 61.8 31.6 94.8

227 63.8 31.7 95.1

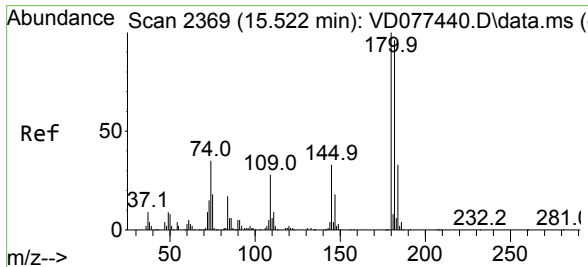
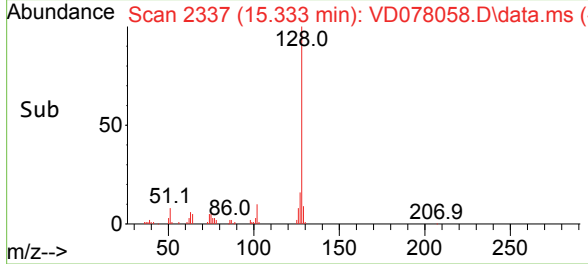
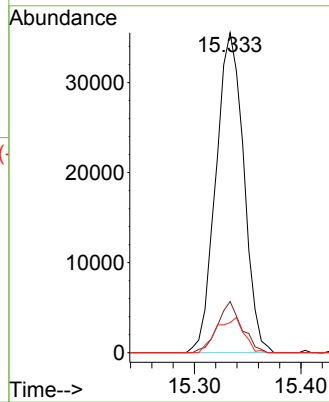
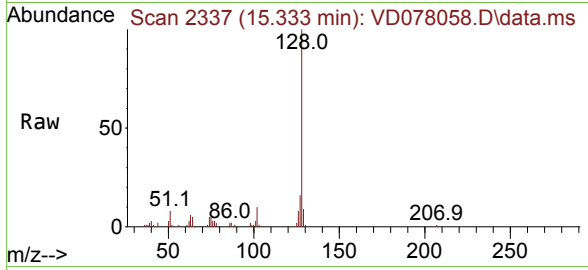




#95
Naphthalene
Concen: 16.921 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 64339
Ion Ratio Lower Upper
128 100
127 16.0 10.5 15.7#
129 9.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.852 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078058.D
Acq: 22 Dec 2023 12:42

Tgt Ion:180 Resp: 31794
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 31.1 15.1 45.3

