

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077836.D
 Acq On : 12 Dec 2023 11:57
 Operator : JC/SY
 Sample : VD1212SBS03
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS03

Quant Time: Dec 12 13:52:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	129161	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	224054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	204157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	103798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83609	54.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.860%	
35) Dibromofluoromethane	7.810	113	86325	55.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.000%	
50) Toluene-d8	10.275	98	350328	55.734	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.460%	
62) 4-Bromofluorobenzene	12.575	95	100188	53.312	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	37213	23.065	ug/l	95
3) Chloromethane	2.152	50	49767	22.629	ug/l	99
4) Vinyl Chloride	2.293	62	67202	22.509	ug/l	99
5) Bromomethane	2.693	94	41162	24.570	ug/l	99
6) Chloroethane	2.840	64	44006	21.620	ug/l	91
7) Trichlorofluoromethane	3.181	101	60677	22.067	ug/l	91
8) Diethyl Ether	3.605	74	15852	20.531	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.975	101	33981	21.602	ug/l	97
10) Methyl Iodide	4.169	142	32224	26.963	ug/l	94
11) Tert butyl alcohol	5.052	59	7776	99.301	ug/l #	91
12) 1,1-Dichloroethene	3.952	96	34035	21.922	ug/l #	84
13) Acrolein	3.799	56	16435	102.083	ug/l	97
14) Allyl chloride	4.569	41	44138	20.671	ug/l	88
15) Acrylonitrile	5.257	53	33724	102.012	ug/l	93
16) Acetone	4.028	43	47409	128.840	ug/l #	79
17) Carbon Disulfide	4.281	76	110235	20.987	ug/l	99
18) Methyl Acetate	4.563	43	24201	20.190	ug/l #	88
19) Methyl tert-butyl Ether	5.328	73	67400	20.461	ug/l	93
20) Methylene Chloride	4.816	84	42136	20.521	ug/l #	88
21) trans-1,2-Dichloroethene	5.328	96	38382	21.826	ug/l	87
22) Diisopropyl ether	6.222	45	93214	20.890	ug/l	96
23) Vinyl Acetate	6.163	43	222383	102.054	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	65360	21.629	ug/l	98
25) 2-Butanone	7.087	43	49508	109.922	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	55423	21.845	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	41191	21.769	ug/l	89
28) Bromochloromethane	7.434	49	26865	22.002	ug/l #	77
29) Tetrahydrofuran	7.457	42	22450	92.631	ug/l	94
30) Chloroform	7.598	83	65641	21.705	ug/l	99
31) Cyclohexane	7.881	56	56543	20.887	ug/l	97
32) 1,1,1-Trichloroethane	7.804	97	58287	21.862	ug/l	97
36) 1,1-Dichloropropene	8.016	75	51564	20.540	ug/l	96
37) Ethyl Acetate	7.175	43	17197	17.569	ug/l	96
38) Carbon Tetrachloride	8.004	117	51864	20.723	ug/l	92
39) Methylcyclohexane	9.281	83	61266	20.586	ug/l	93
40) Benzene	8.257	78	148729	20.874	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	11804	23.726	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	38187	20.676	ug/l	94
43) Isopropyl Acetate	8.363	43	34663	19.921	ug/l #	91
44) Trichloroethene	9.034	130	38897	20.949	ug/l	94
45) 1,2-Dichloropropane	9.304	63	35850	20.698	ug/l	97
46) Dibromomethane	9.398	93	19046	20.782	ug/l	90
47) Bromodichloromethane	9.587	83	49387	21.261	ug/l	96
48) Methyl methacrylate	9.381	41	19489	19.703	ug/l #	80
49) 1,4-Dioxane	9.387	88	3435	377.467	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	86053	96.902	ug/l	90
52) Toluene	10.334	92	92934	21.027	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	44845	20.104	ug/l	91
54) cis-1,3-Dichloropropene	10.022	75	56480	20.942	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	25215	20.115	ug/l	95
56) Ethyl methacrylate	10.598	69	21395	19.361	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	45042	20.845	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	64424	102.230	ug/l	93
59) 2-Hexanone	10.922	43	75117	101.956	ug/l	87
60) Dibromochloromethane	11.081	129	30076	19.928	ug/l	90
61) 1,2-Dibromoethane	11.181	107	24652	20.891	ug/l	95
64) Tetrachloroethene	10.816	164	31065	20.703	ug/l	93
65) Chlorobenzene	11.610	112	100434	19.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	35293	20.789	ug/l	96
67) Ethyl Benzene	11.687	91	172325	20.274	ug/l	97
68) m/p-Xylenes	11.798	106	135745	41.753	ug/l	91
69) o-Xylene	12.122	106	61197	20.424	ug/l	89
70) Styrene	12.139	104	92944	20.861	ug/l	94
71) Bromoform	12.298	173	18046	20.344	ug/l #	95
73) Isopropylbenzene	12.422	105	167529	21.295	ug/l	97
74) N-amyl acetate	12.234	43	28773	18.606	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	27945	20.372	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	34718	38.512	ug/l #	100
77) Bromobenzene	12.704	156	38537	20.826	ug/l	93
78) n-propylbenzene	12.763	91	205450	21.432	ug/l	95
79) 2-Chlorotoluene	12.851	91	107511	20.927	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	136273	20.769	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8921	20.050	ug/l	97
82) 4-Chlorotoluene	12.951	91	114722	21.361	ug/l	98
83) tert-Butylbenzene	13.169	119	117428	21.199	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	138015	21.031	ug/l	98
85) sec-Butylbenzene	13.345	105	173860	21.234	ug/l	97
86) p-Isopropyltoluene	13.463	119	152797	20.843	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	79323	20.962	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	80511	20.365	ug/l	98
89) n-Butylbenzene	13.786	91	147214	21.341	ug/l	97
90) Hexachloroethane	14.057	117	29073	21.564	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	65885	20.472	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4059	19.836	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	44554	20.268	ug/l	96
94) Hexachlorobutadiene	15.204	225	24383	20.569	ug/l	99
95) Naphthalene	15.333	128	71597	19.603	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	35951	19.838	ug/l	99

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

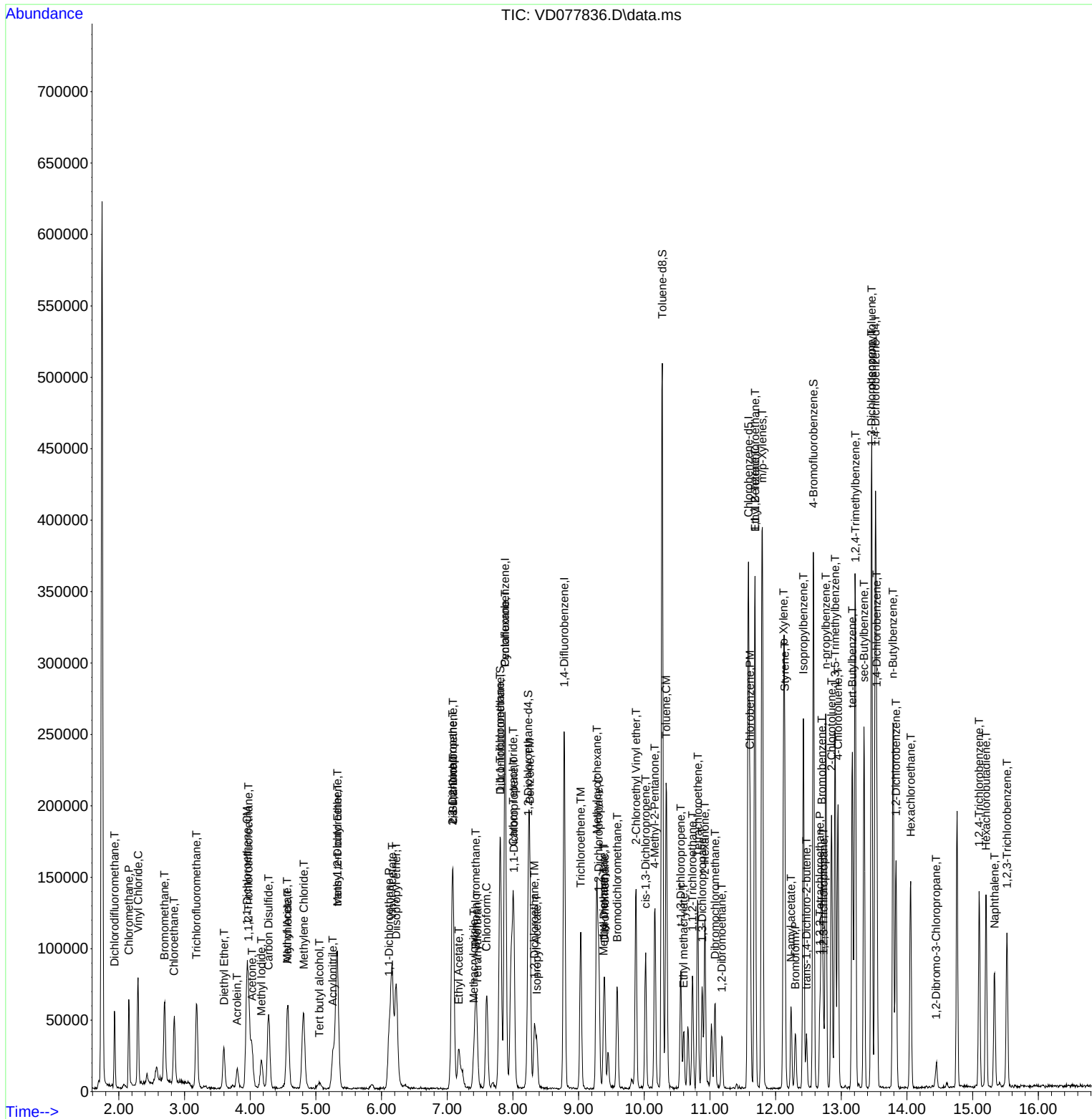
Quant Time: Dec 12 13:52:40 2023
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Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
Response via : Initial Calibration

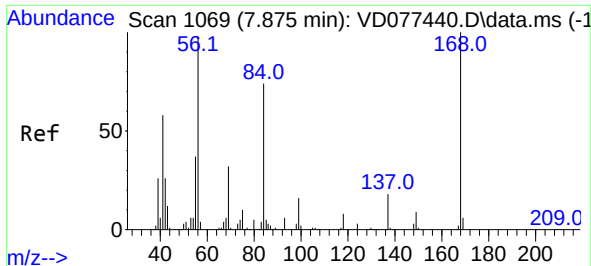
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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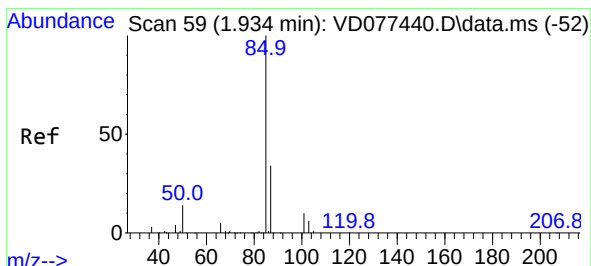
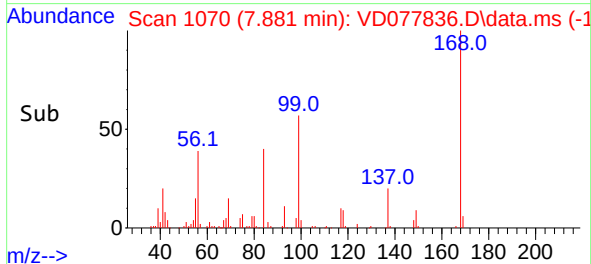
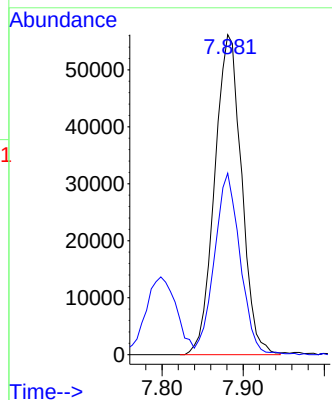
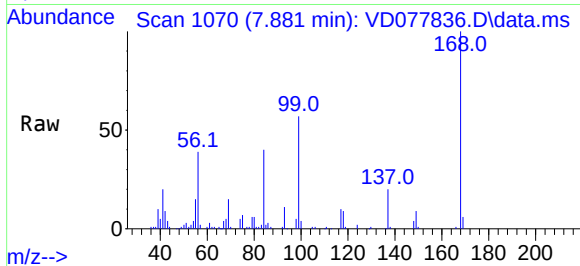




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077836.D
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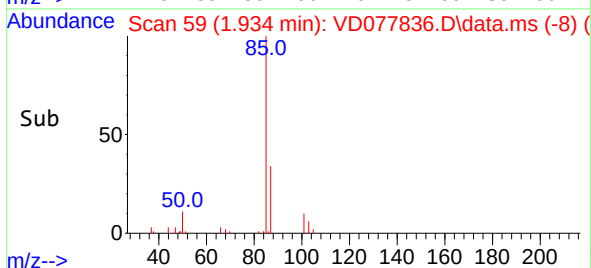
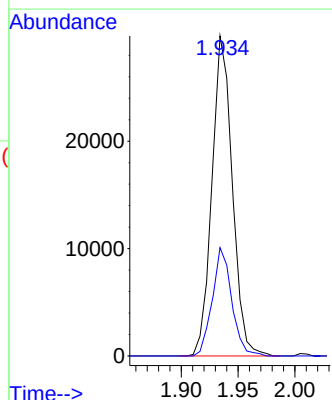
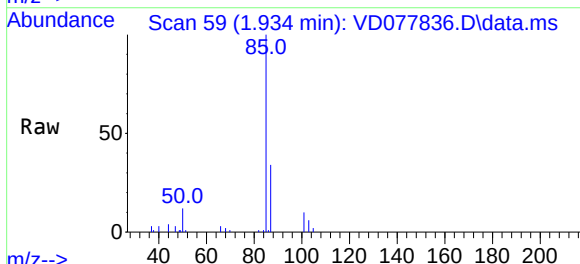
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

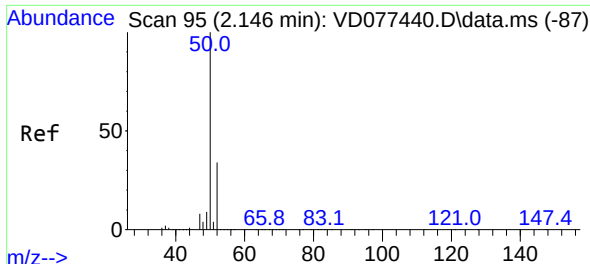
Tgt Ion:168 Resp: 129161
Ion Ratio Lower Upper
168 100
99 56.2 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 23.065 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 85 Resp: 37213
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0

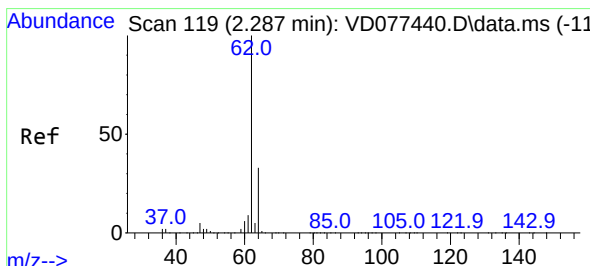
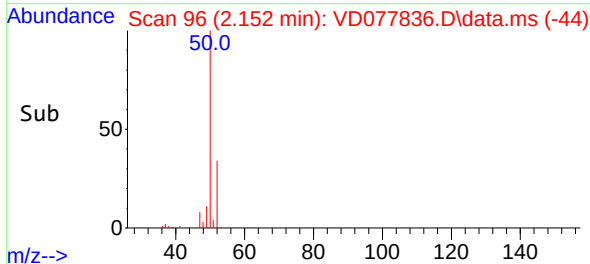
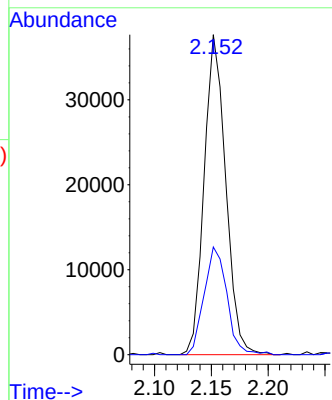
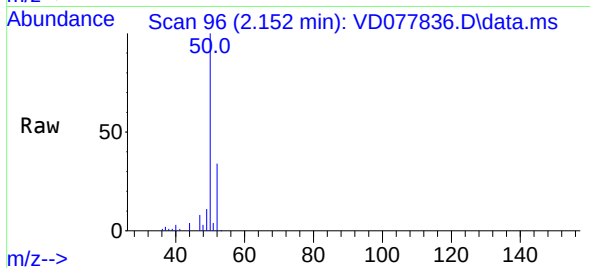




#3
Chloromethane
Concen: 22.629 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

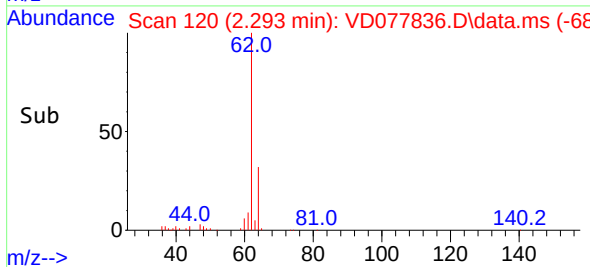
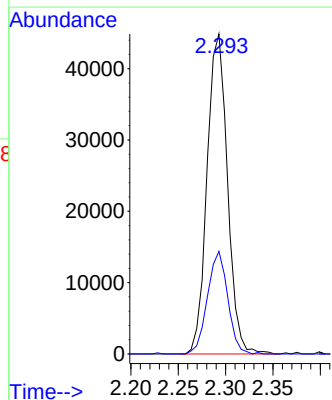
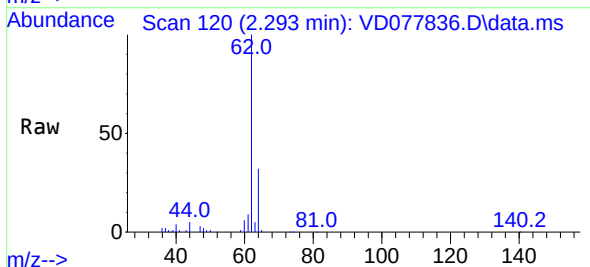
Instrument :
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ClientSampleId :
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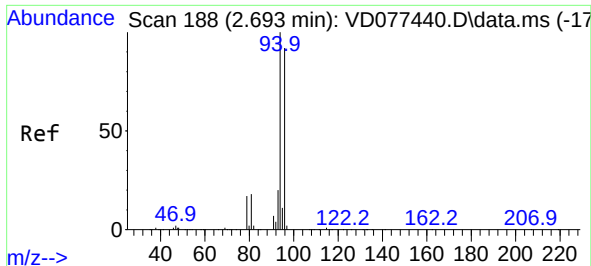
Tgt Ion: 50 Resp: 49767
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0



#4
Vinyl Chloride
Concen: 22.509 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 62 Resp: 67202
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

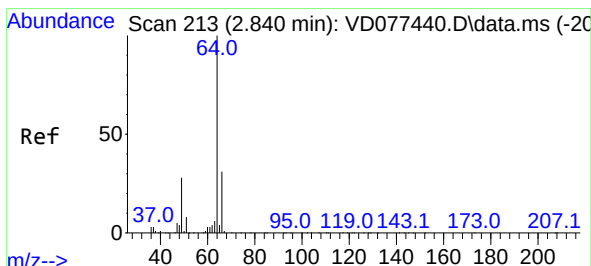
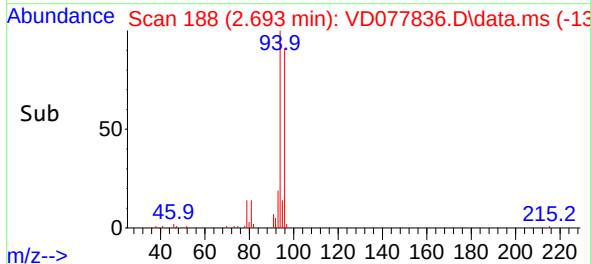
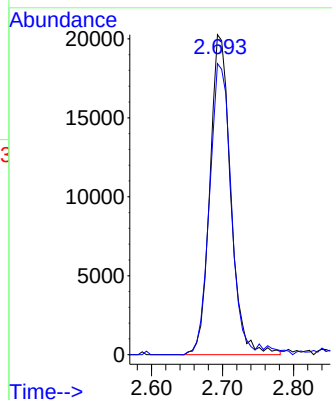
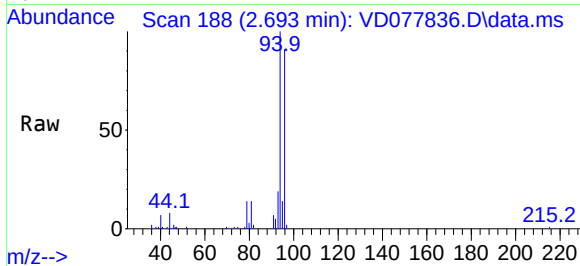




#5
Bromomethane
Concen: 24.570 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

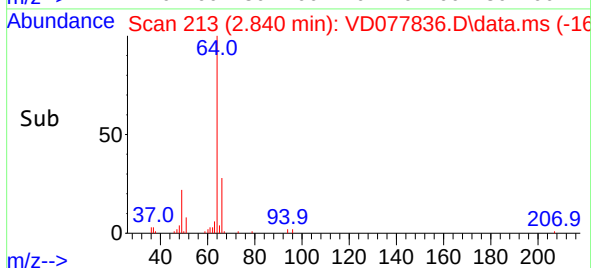
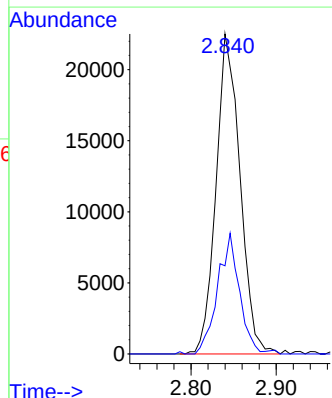
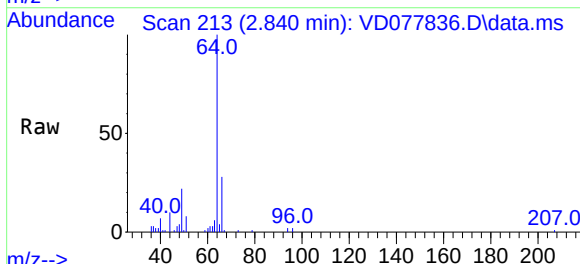
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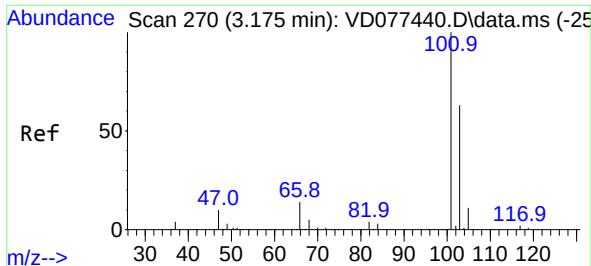
Tgt Ion: 94 Resp: 41162
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 21.620 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 64 Resp: 44006
Ion Ratio Lower Upper
64 100
66 26.9 25.5 38.3

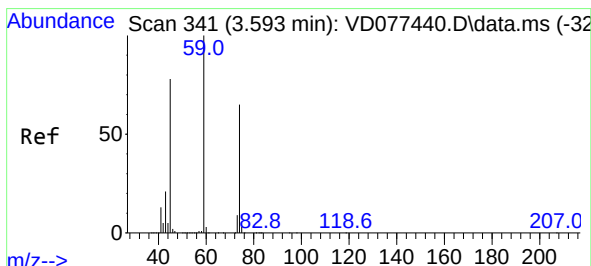
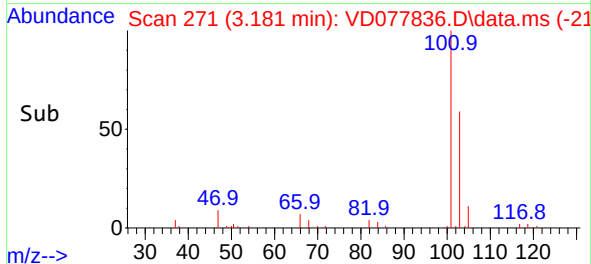
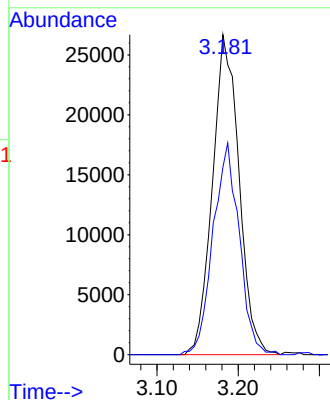
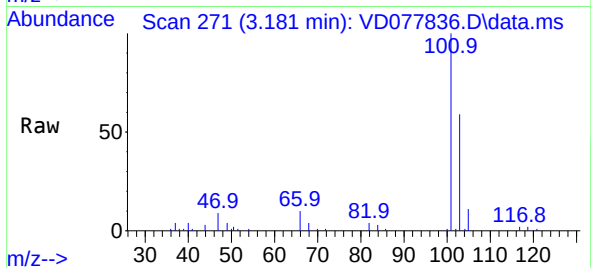




#7
Trichlorofluoromethane
Concen: 22.067 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

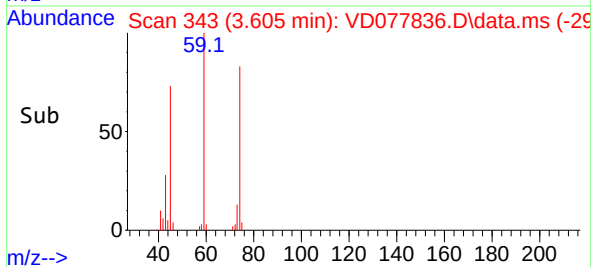
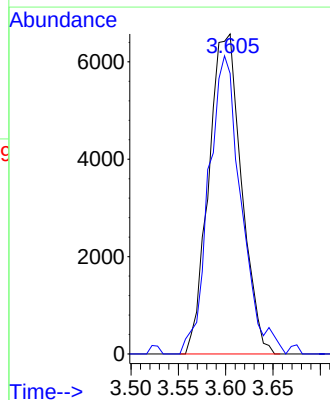
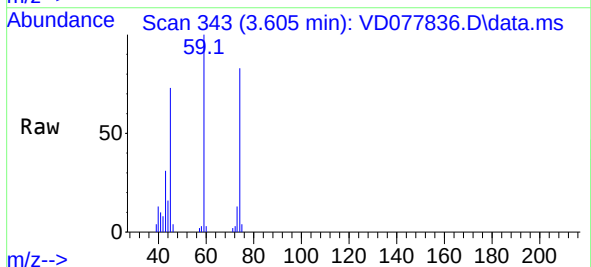
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

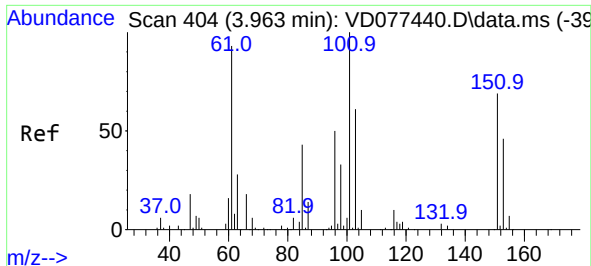
Tgt Ion:101 Resp: 60677
Ion Ratio Lower Upper
101 100
103 58.6 52.3 78.5



#8
Diethyl Ether
Concen: 20.531 ug/l
RT: 3.605 min Scan# 343
Delta R.T. 0.012 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 74 Resp: 15852
Ion Ratio Lower Upper
74 100
45 92.2 37.5 112.7

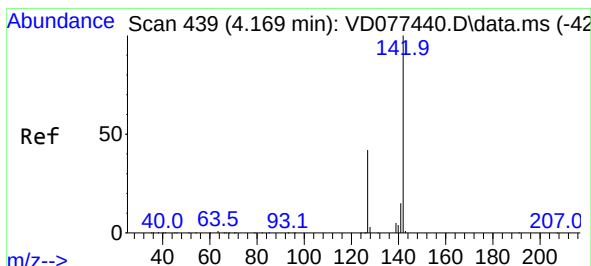
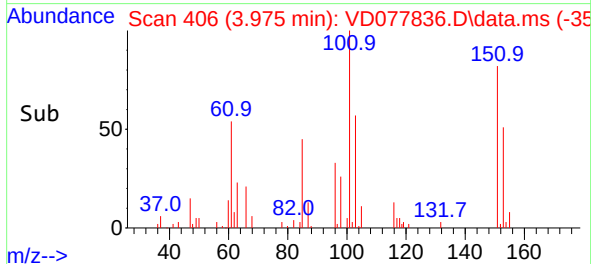
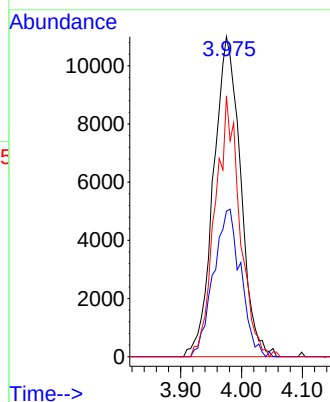
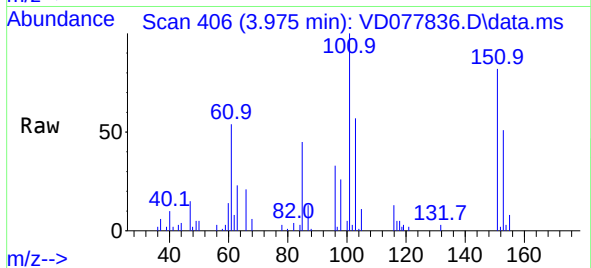




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.602 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

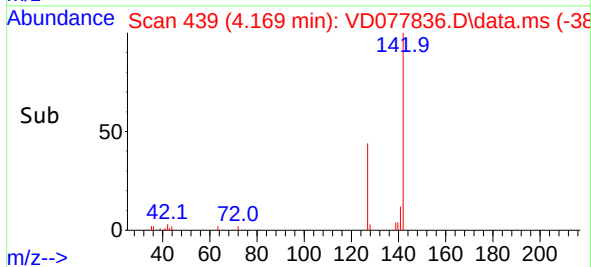
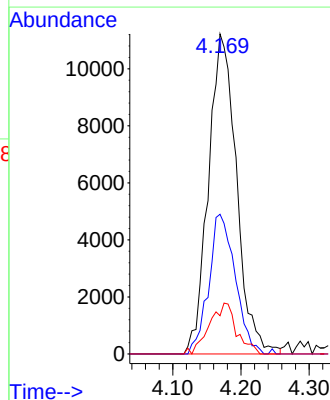
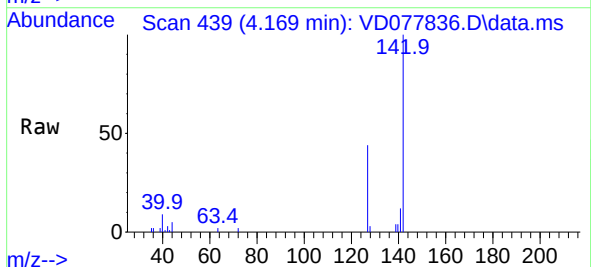
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

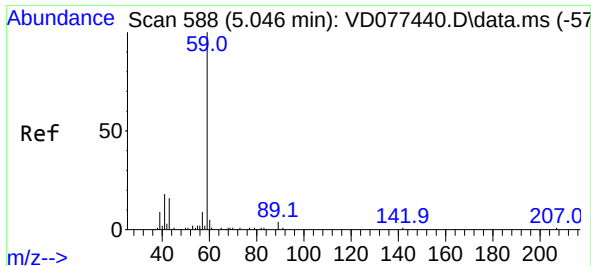
Tgt Ion:101 Resp: 33981
Ion Ratio Lower Upper
101 100
85 46.4 33.8 50.6
151 74.2 59.8 89.6



#10
Methyl Iodide
Concen: 26.963 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:142 Resp: 32224
Ion Ratio Lower Upper
142 100
127 41.1 29.4 44.0
141 15.4 11.1 16.7

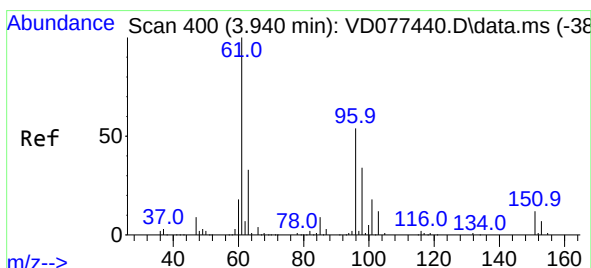
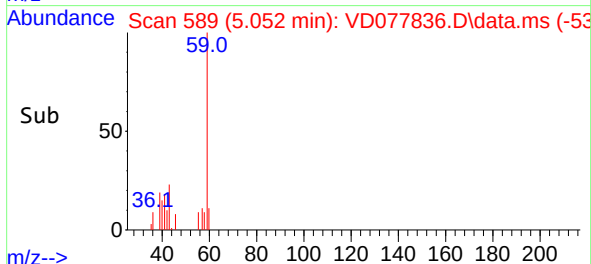
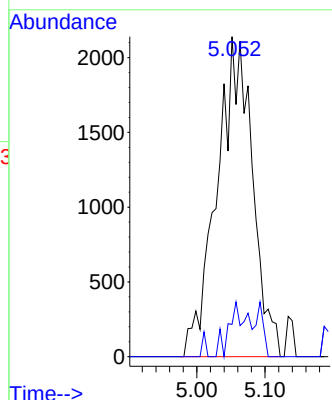
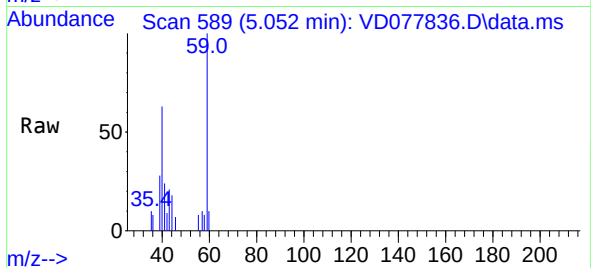




#11
Tert butyl alcohol
Concen: 99.301 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

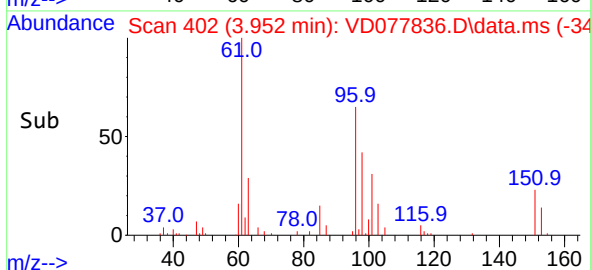
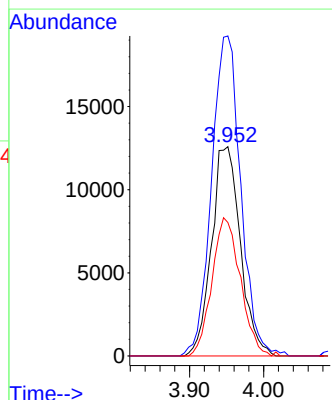
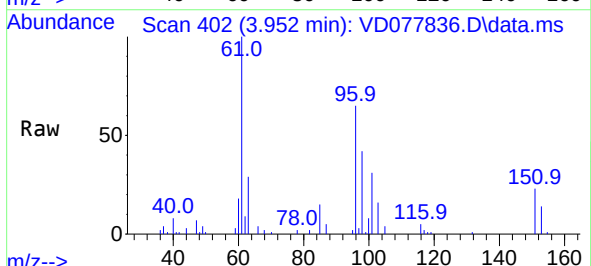
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

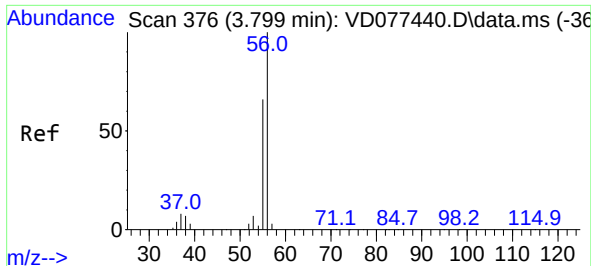
Tgt Ion: 59 Resp: 7776
Ion Ratio Lower Upper
59 100
57 6.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.922 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 96 Resp: 34035
Ion Ratio Lower Upper
96 100
61 152.9 100.6 150.8#
98 63.7 50.2 75.2

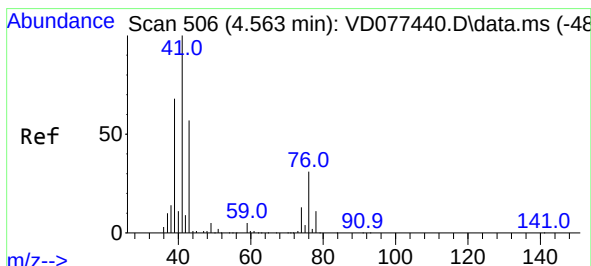
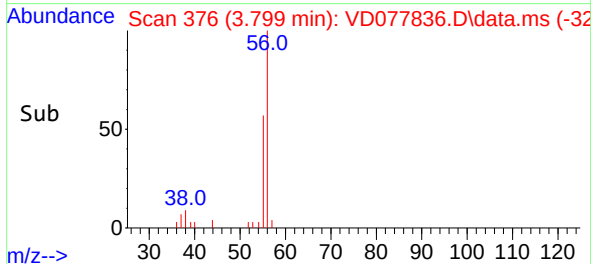
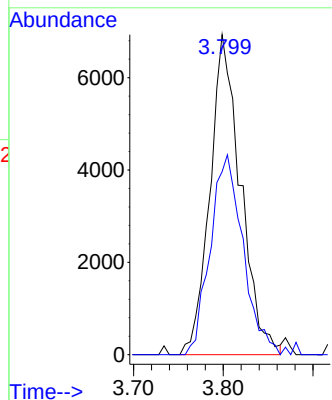
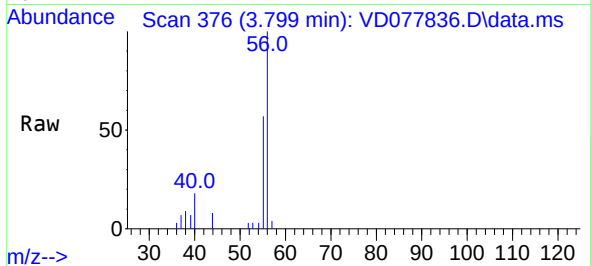




#13
Acrolein
Concen: 102.083 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

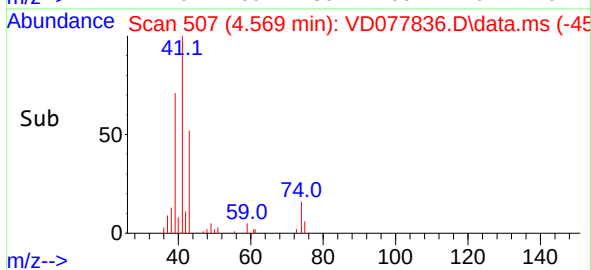
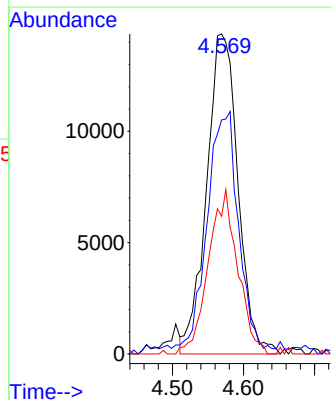
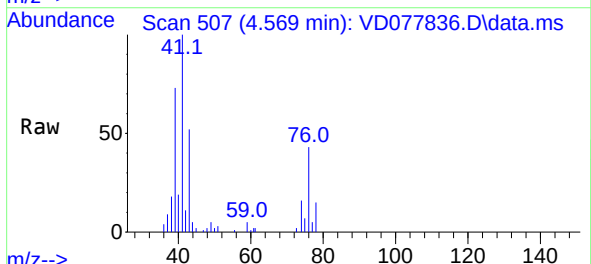
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

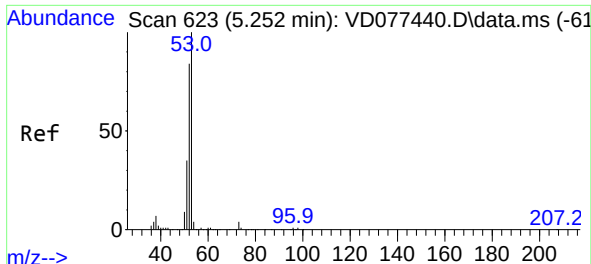
Tgt Ion: 56 Resp: 16435
Ion Ratio Lower Upper
56 100
55 66.6 55.1 82.7



#14
Allyl chloride
Concen: 20.671 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 41 Resp: 44138
Ion Ratio Lower Upper
41 100
39 76.9 53.8 80.6
76 47.9 45.8 68.8

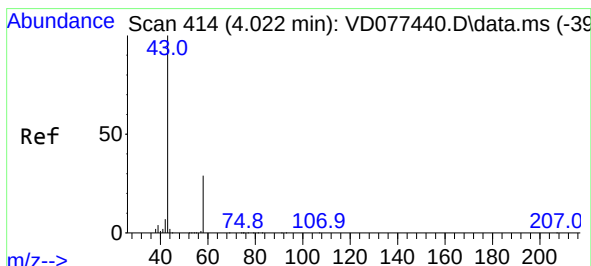
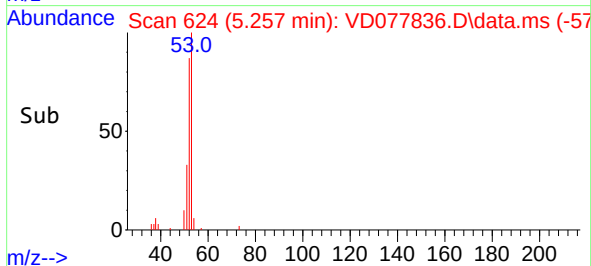
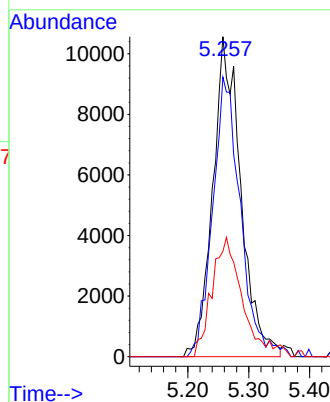
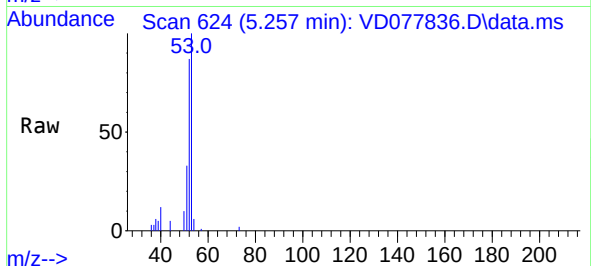




#15
Acrylonitrile
Concen: 102.012 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

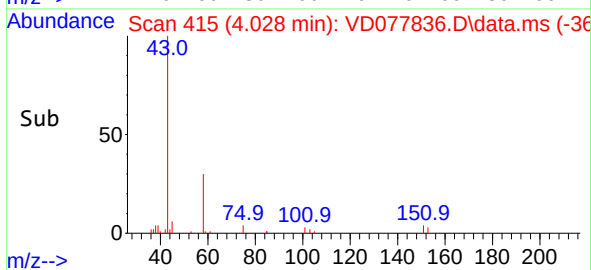
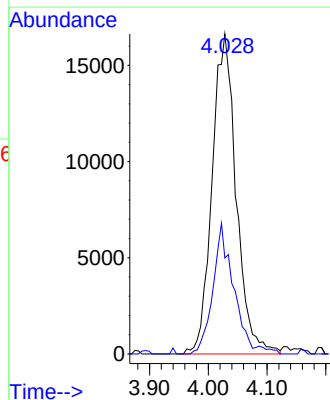
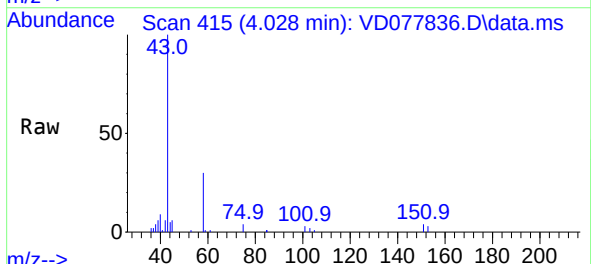
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

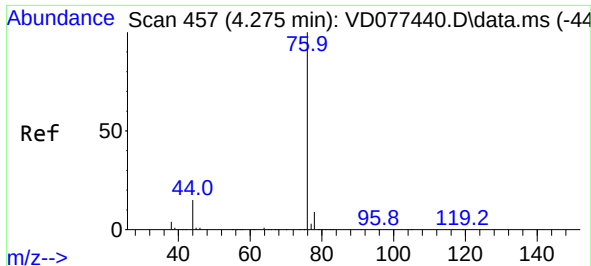
Tgt Ion: 53 Resp: 33724
Ion Ratio Lower Upper
53 100
52 86.7 65.0 97.4
51 40.7 28.3 42.5



#16
Acetone
Concen: 128.840 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 43 Resp: 47409
Ion Ratio Lower Upper
43 100
58 30.0 34.7 52.1#

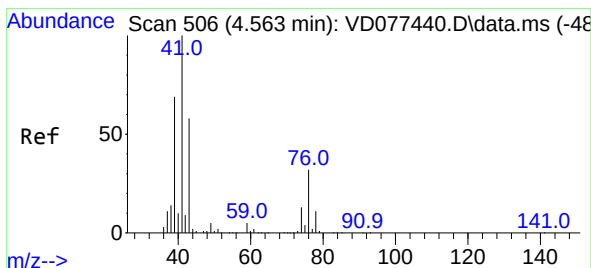
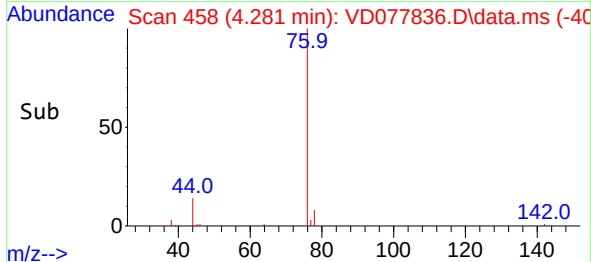
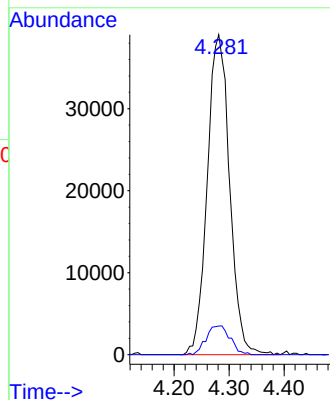
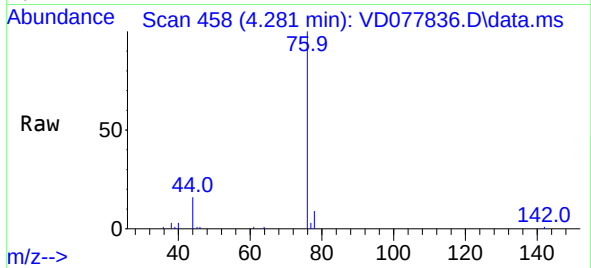




#17
Carbon Disulfide
Concen: 20.987 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

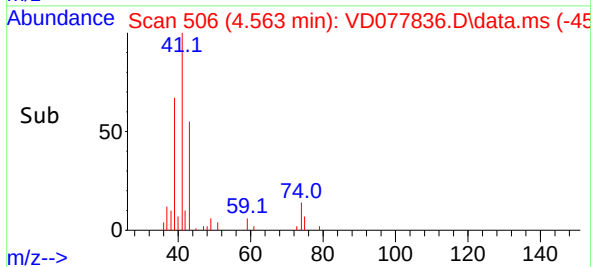
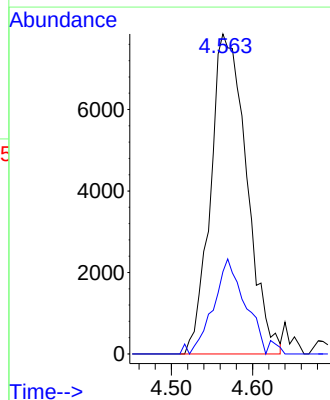
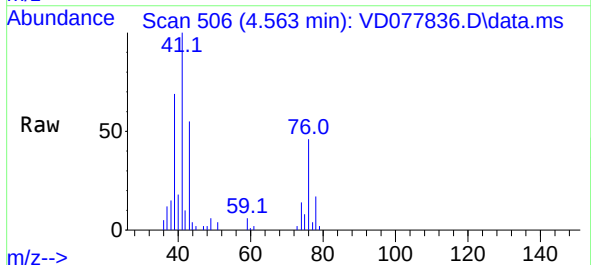
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

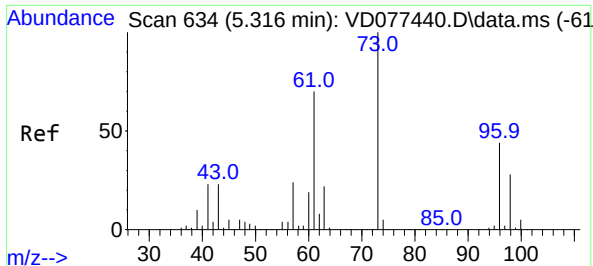
Tgt Ion: 76 Resp: 110235
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 20.190 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 43 Resp: 24201
Ion Ratio Lower Upper
43 100
74 26.0 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 20.461 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

Instrument :

MSVOA_D

ClientSampleId :

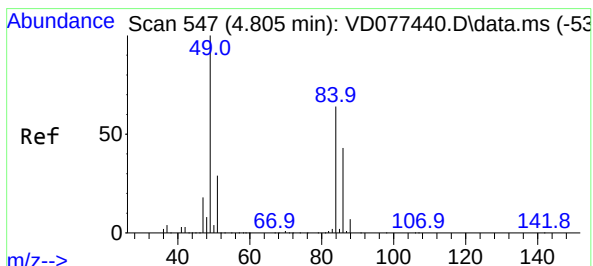
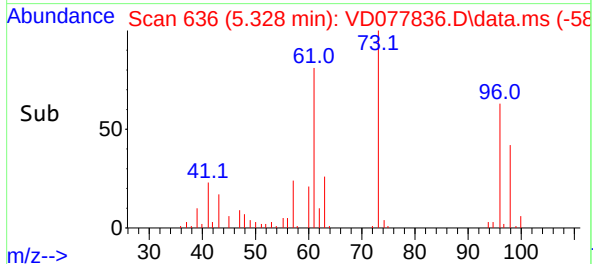
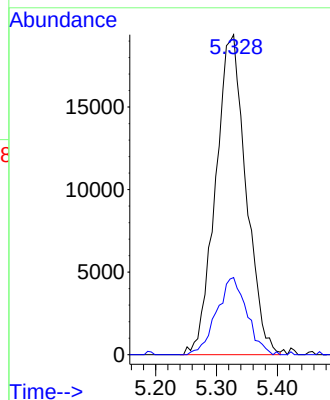
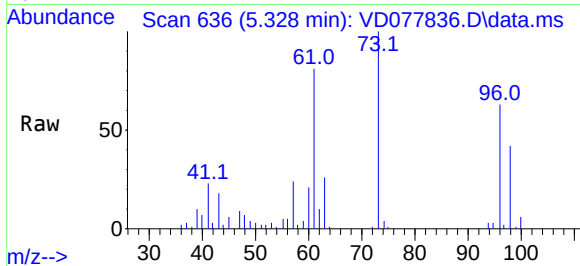
VD1212SBSD03

Tgt Ion: 73 Resp: 67400

Ion Ratio Lower Upper

73 100

57 24.1 16.6 25.0



#20

Methylene Chloride

Concen: 20.521 ug/l

RT: 4.816 min Scan# 549

Delta R.T. 0.011 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

Tgt Ion: 84 Resp: 42136

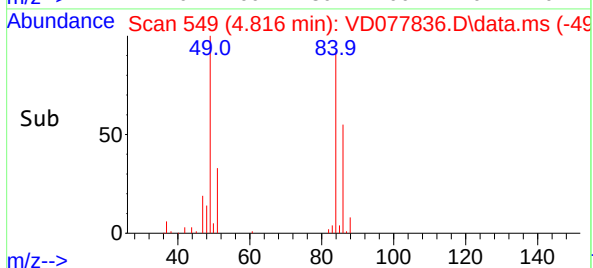
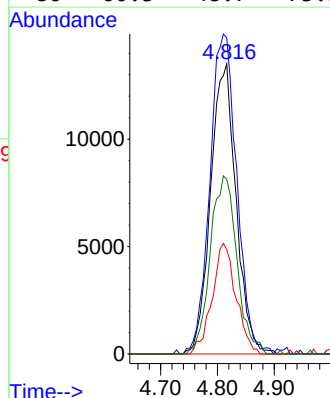
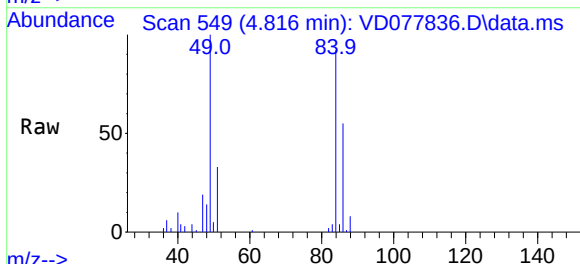
Ion Ratio Lower Upper

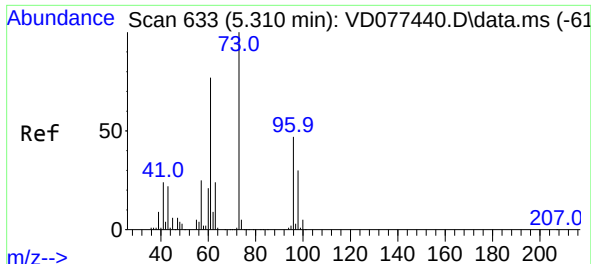
84 100

49 109.0 71.4 107.2#

51 35.9 24.5 36.7

86 60.3 48.7 73.1

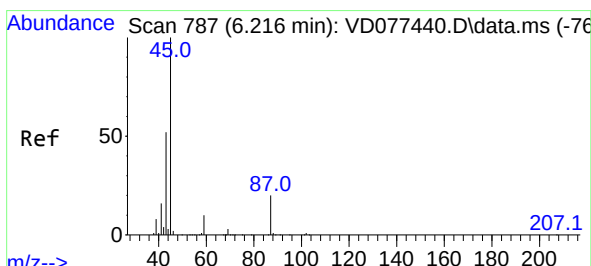
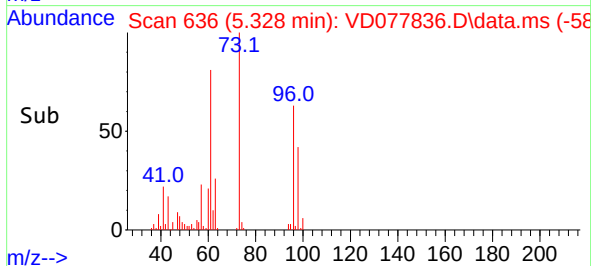
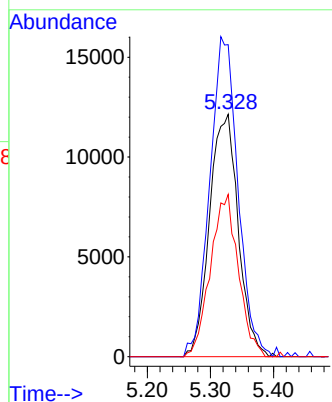
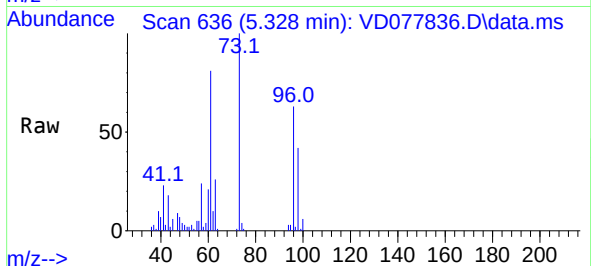




#21
trans-1,2-Dichloroethene
Concen: 21.826 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.018 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

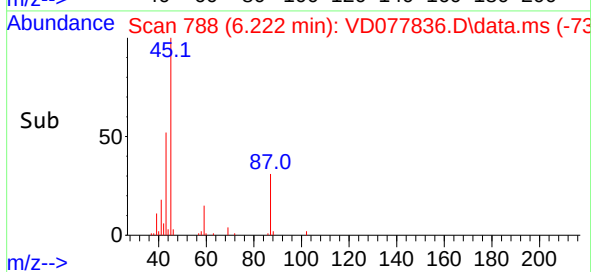
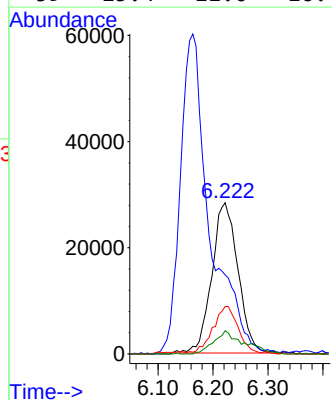
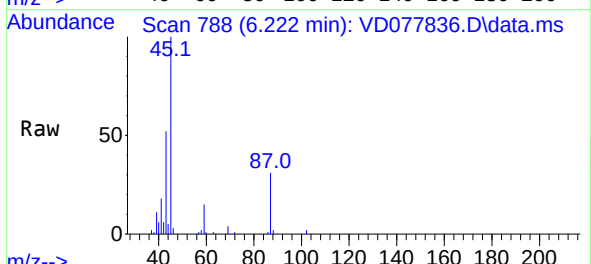
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

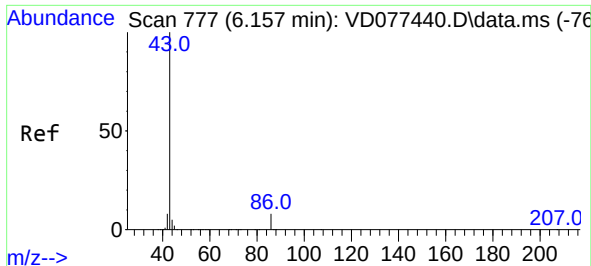
Tgt Ion: 96 Resp: 38382
Ion Ratio Lower Upper
96 100
61 128.7 89.3 133.9
98 66.9 48.6 73.0



#22
Diisopropyl ether
Concen: 20.890 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 45 Resp: 93214
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 31.6 28.2 42.4
59 15.4 11.0 16.4

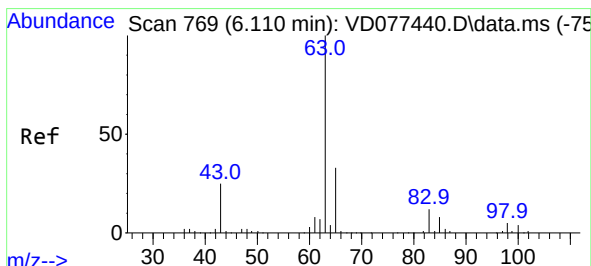
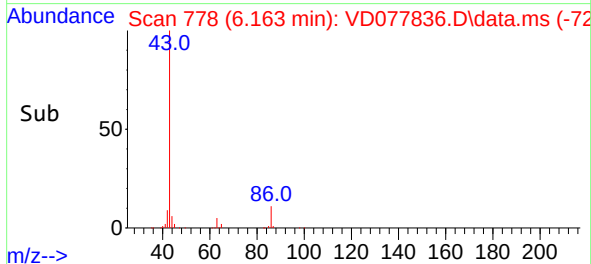
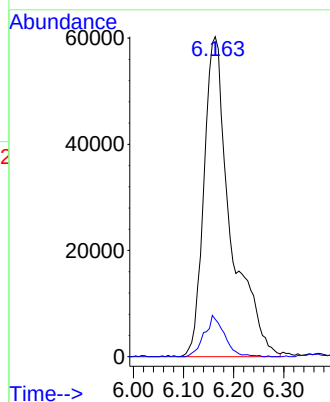
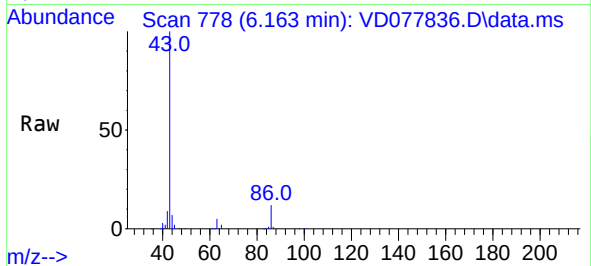




#23
 Vinyl Acetate
 Concen: 102.054 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077836.D
 Acq: 12 Dec 2023 11:57

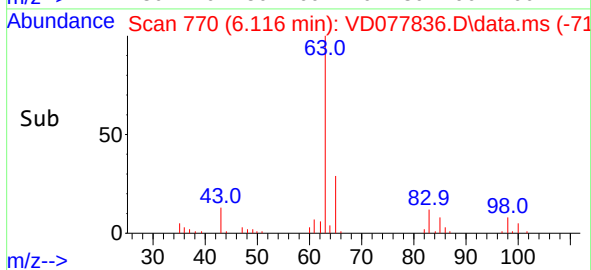
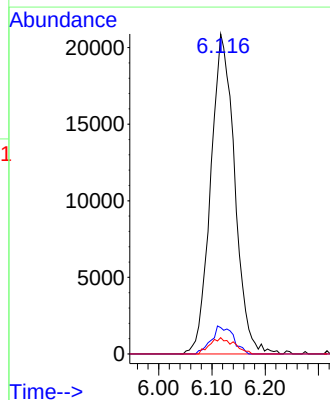
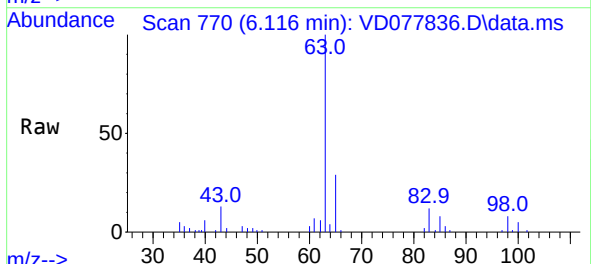
Instrument :
 MSVOA_D
 ClientSampleId :
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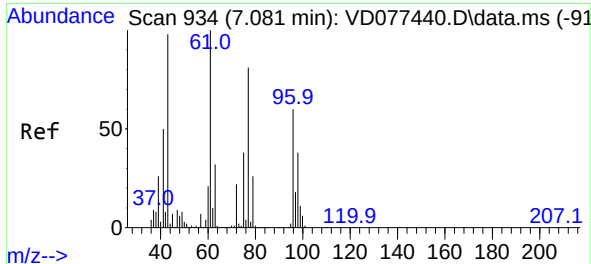
Tgt Ion: 43 Resp: 222383
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 21.629 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077836.D
 Acq: 12 Dec 2023 11:57

Tgt Ion: 63 Resp: 65360
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 5.1 2.5 7.5

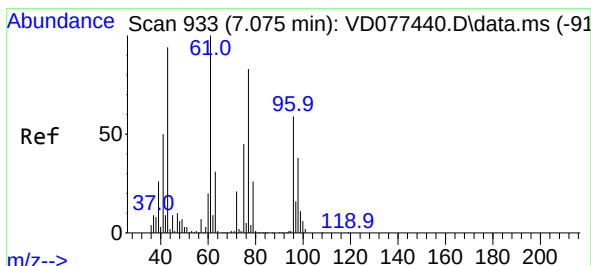
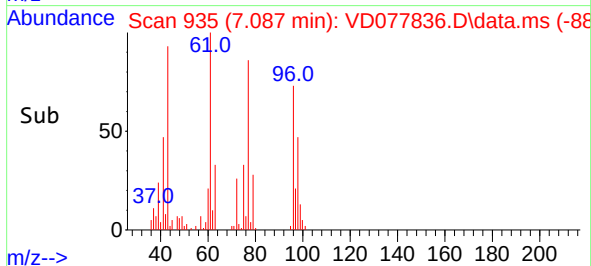
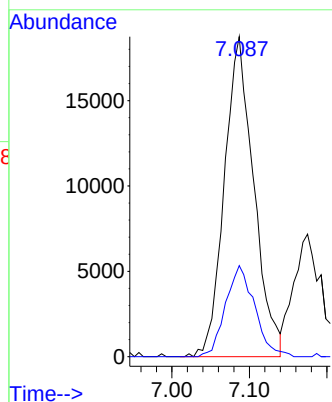
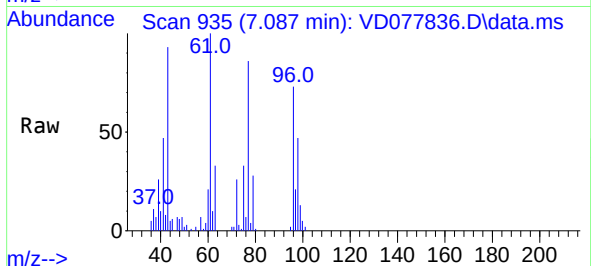




#25
2-Butanone
Concen: 109.922 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

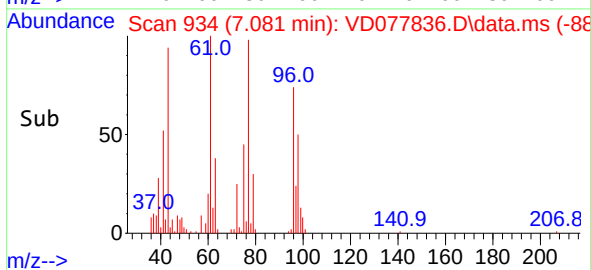
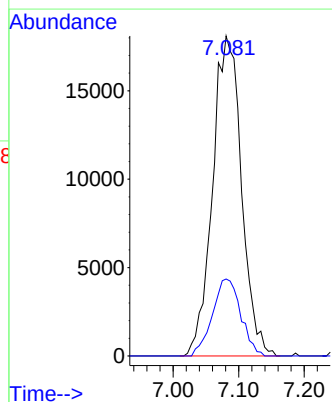
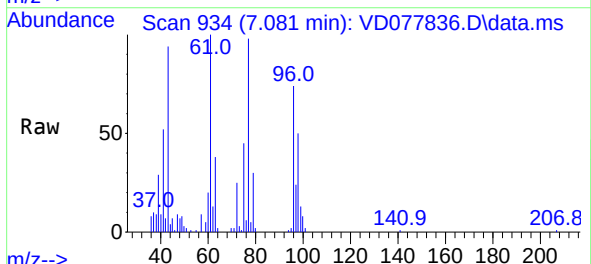
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

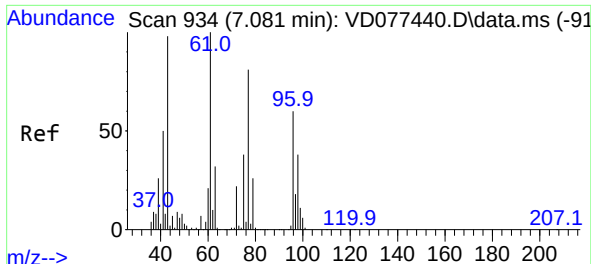
Tgt Ion: 43 Resp: 49508
Ion Ratio Lower Upper
43 100
72 28.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.845 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 77 Resp: 55423
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6

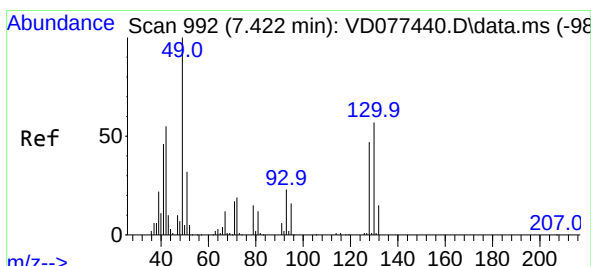
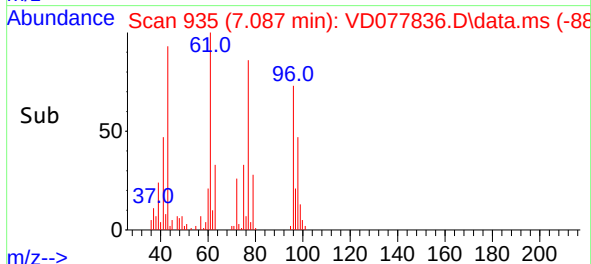
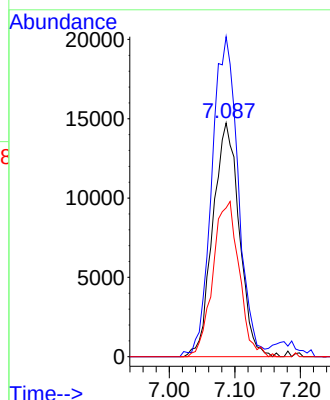
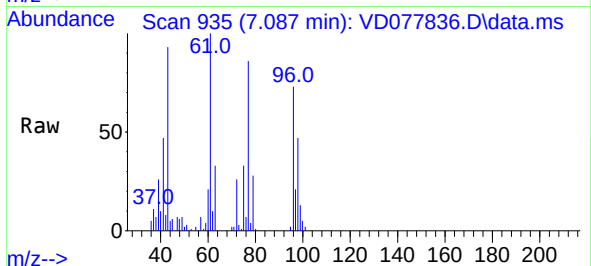




#27
cis-1,2-Dichloroethene
Concen: 21.769 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

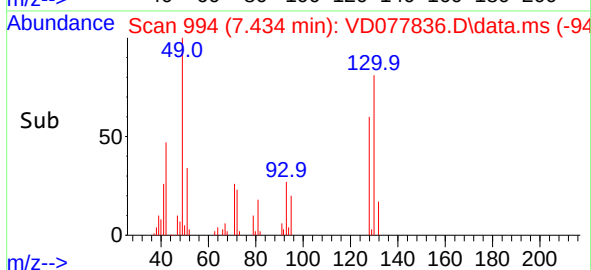
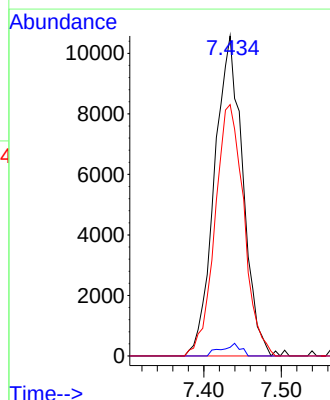
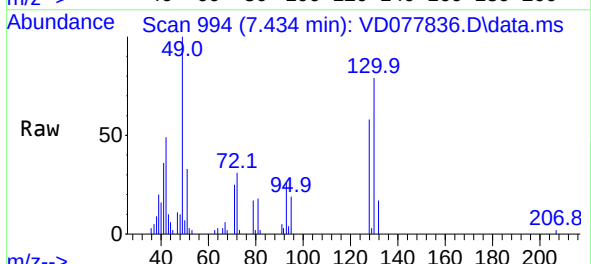
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

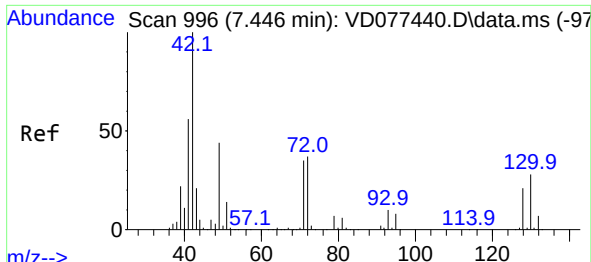
Tgt Ion: 96 Resp: 41191
Ion Ratio Lower Upper
96 100
61 136.7 0.0 239.2
98 66.2 0.0 128.6



#28
Bromochloromethane
Concen: 22.002 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 49 Resp: 26865
Ion Ratio Lower Upper
49 100
129 2.7 0.0 6.0
130 80.2 83.2 124.8#

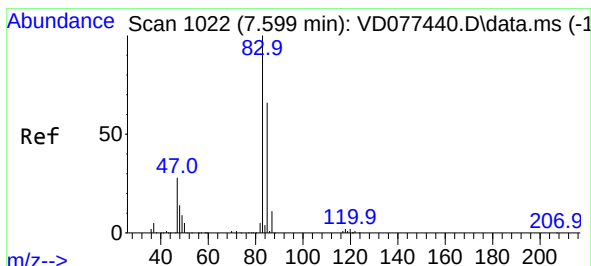
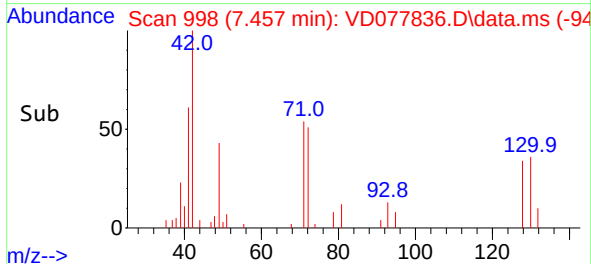
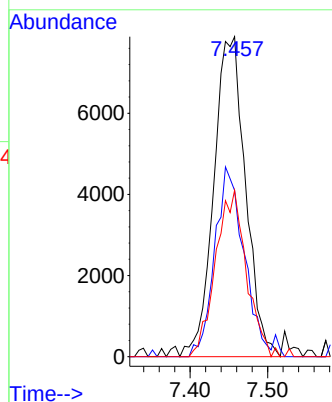
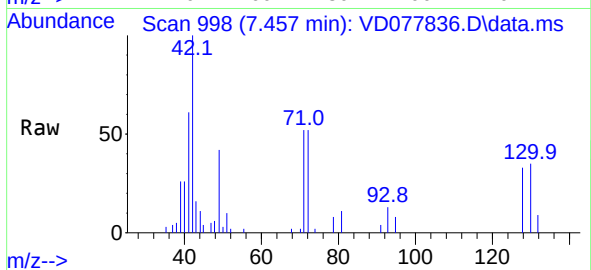




#29
Tetrahydrofuran
Concen: 92.631 ug/l
RT: 7.457 min Scan# 996
Delta R.T. 0.011 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

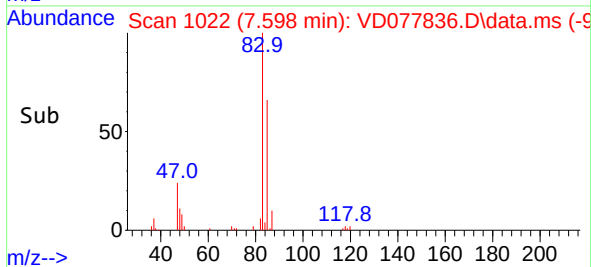
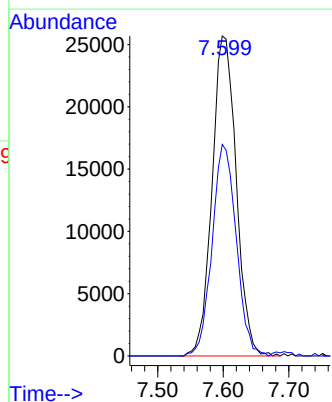
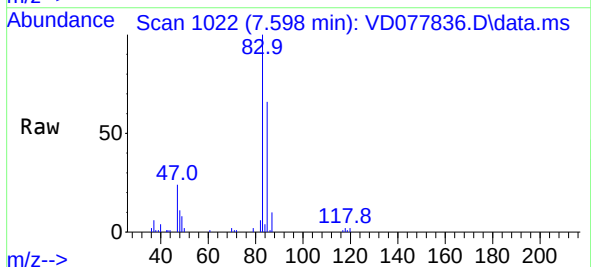
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

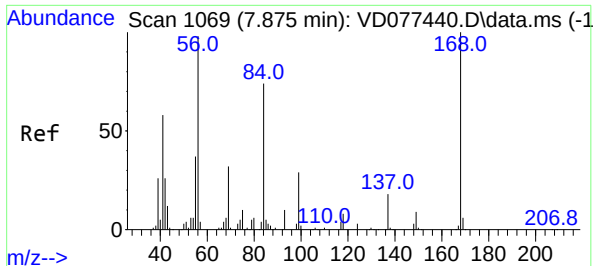
Tgt Ion: 42 Resp: 22450
Ion Ratio Lower Upper
42 100
72 54.5 46.5 69.7
71 50.5 44.5 66.7



#30
Chloroform
Concen: 21.705 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.001 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 83 Resp: 65641
Ion Ratio Lower Upper
83 100
85 66.1 53.4 80.2

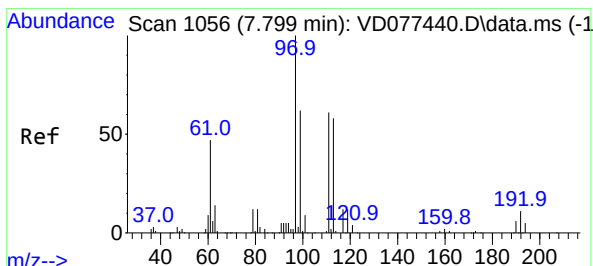
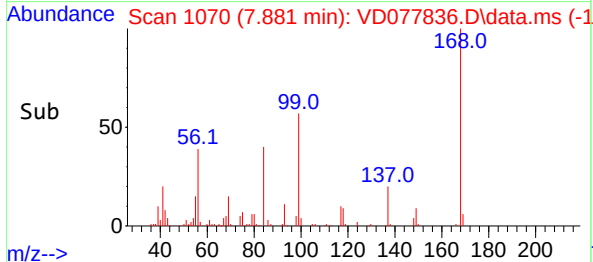
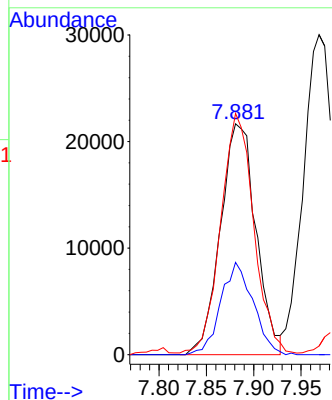
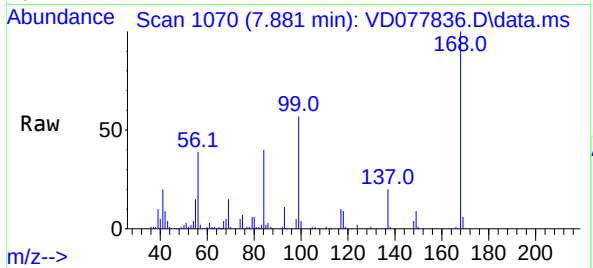




#31
Cyclohexane
Concen: 20.887 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

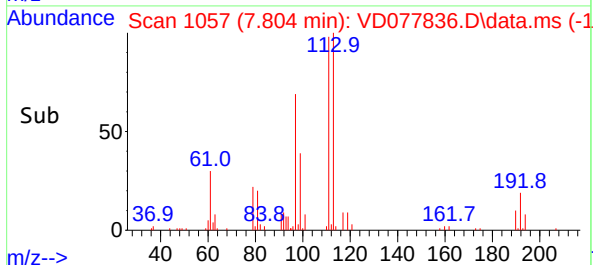
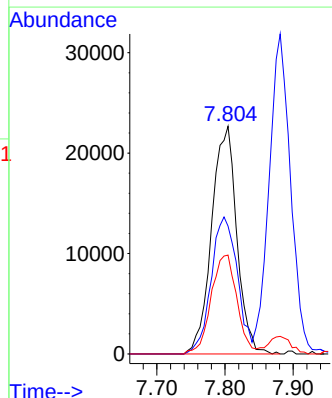
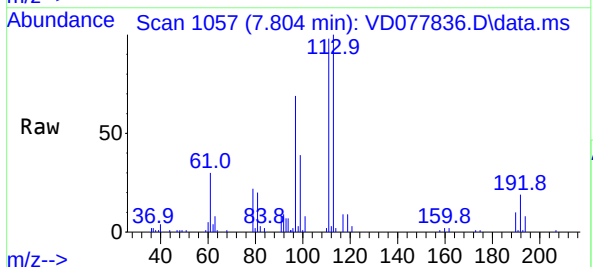
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

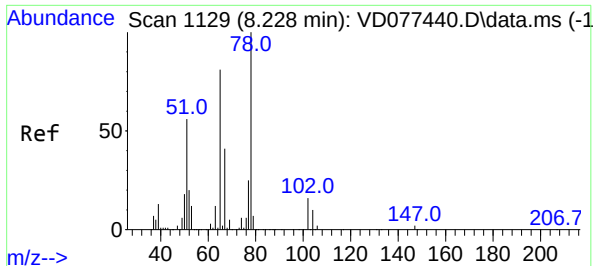
Tgt Ion: 56 Resp: 56543
Ion Ratio Lower Upper
56 100
69 40.0 28.6 43.0
84 103.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.862 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 97 Resp: 58287
Ion Ratio Lower Upper
97 100
99 62.7 52.0 78.0
61 44.5 33.8 50.8

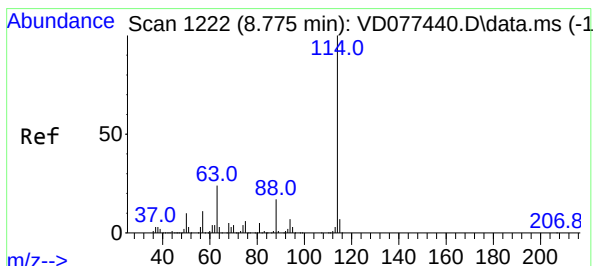
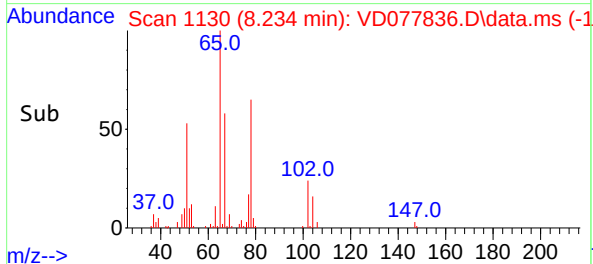
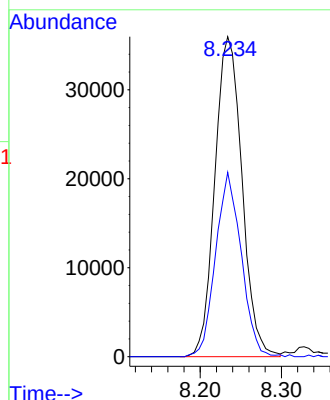
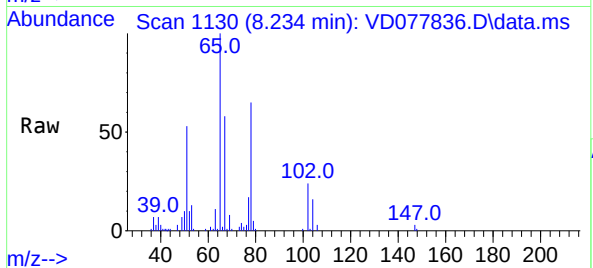




#33
1,2-Dichloroethane-d4
Concen: 54.935 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

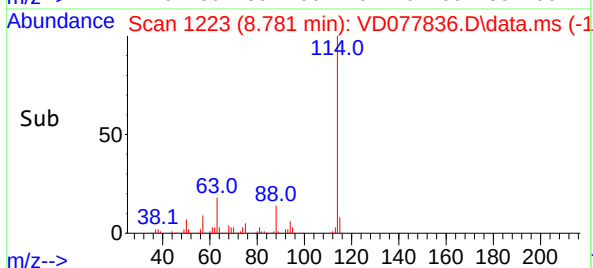
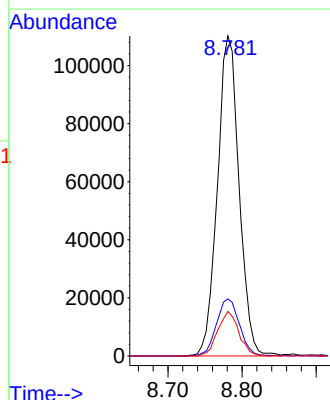
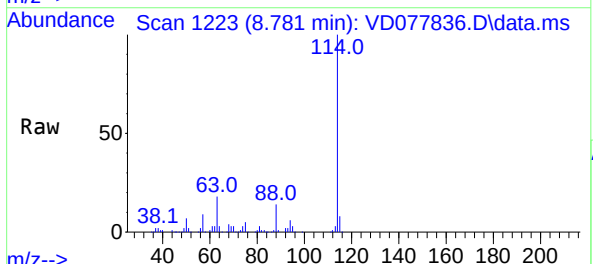
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

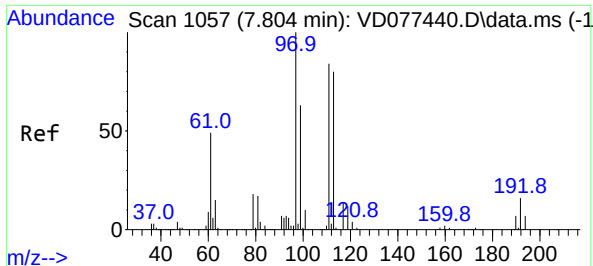
Tgt Ion: 65 Resp: 83609
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 114 Resp: 224054
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 13.9 0.0 26.2

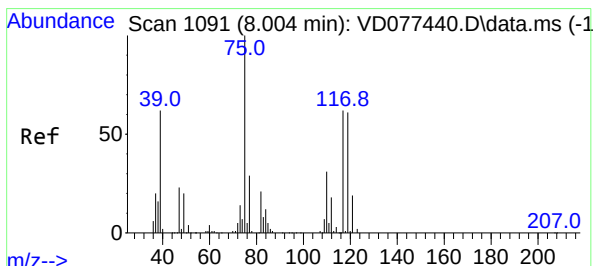
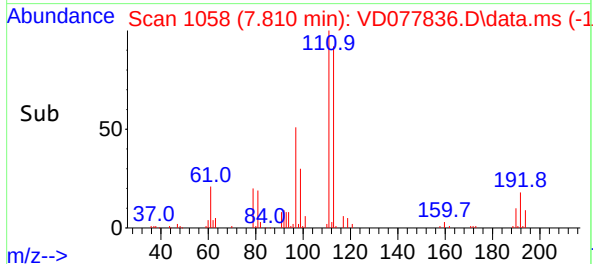
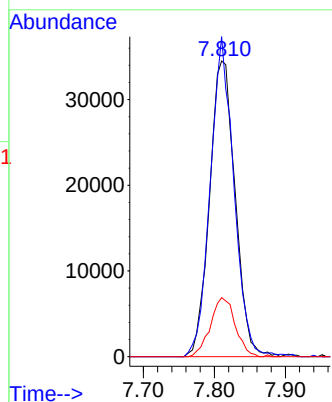
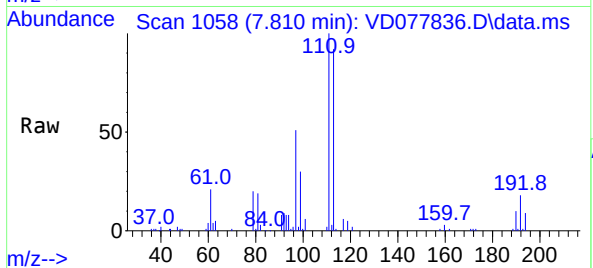




#35
Dibromofluoromethane
Concen: 55.004 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

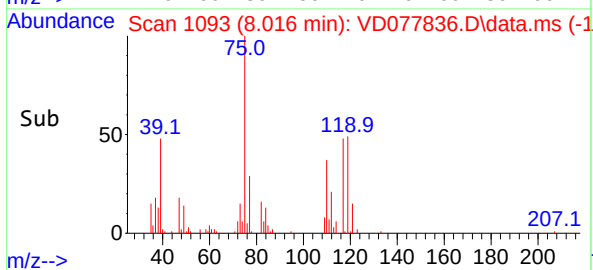
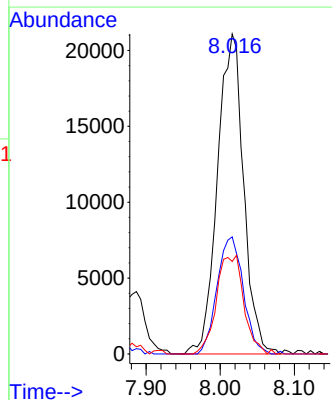
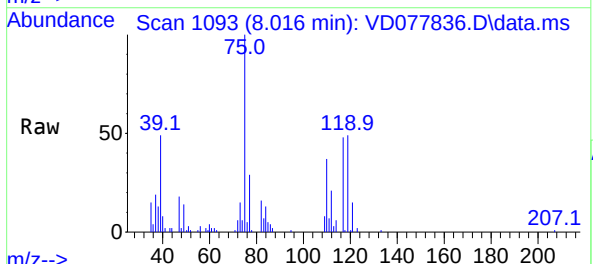
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

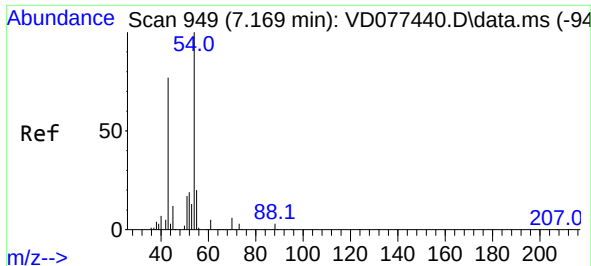
Tgt Ion:113 Resp: 86325
Ion Ratio Lower Upper
113 100
111 99.8 84.7 127.1
192 19.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.540 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 75 Resp: 51564
Ion Ratio Lower Upper
75 100
110 36.7 19.9 59.6
77 32.3 24.7 37.1





#37

Ethyl Acetate

Concen: 17.569 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077836.D

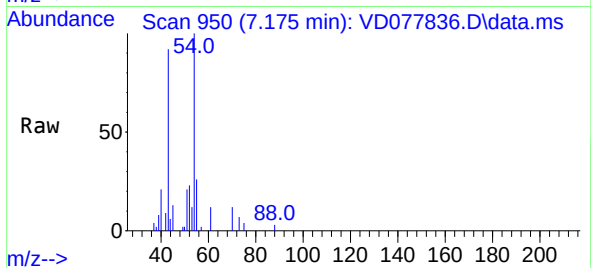
Acq: 12 Dec 2023 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBSD03



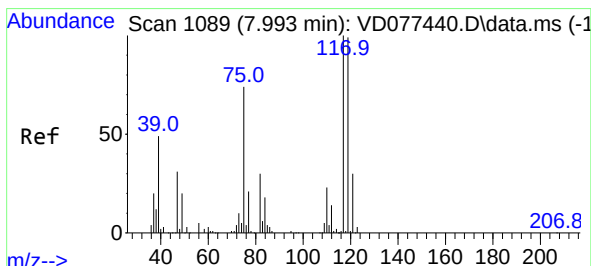
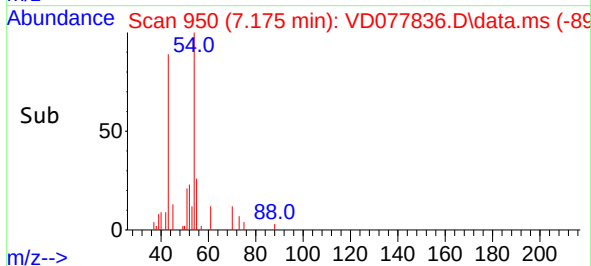
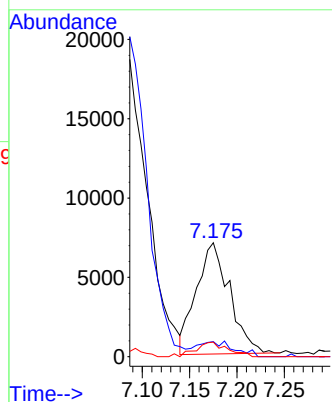
Tgt Ion: 43 Resp: 17197

Ion Ratio Lower Upper

43 100

61 15.4 14.9 22.3

70 12.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.723 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.011 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

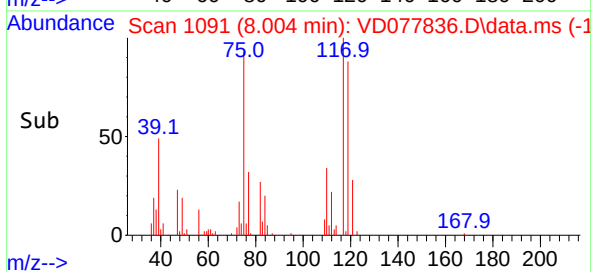
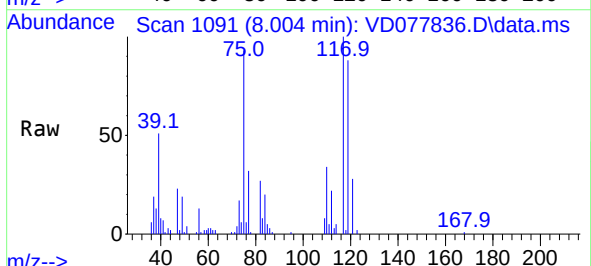
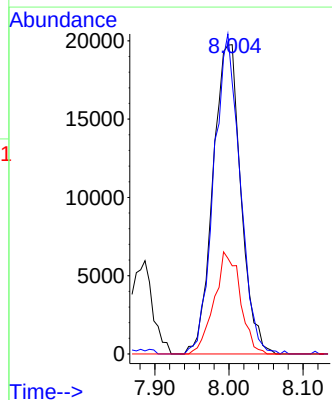
Tgt Ion: 117 Resp: 51864

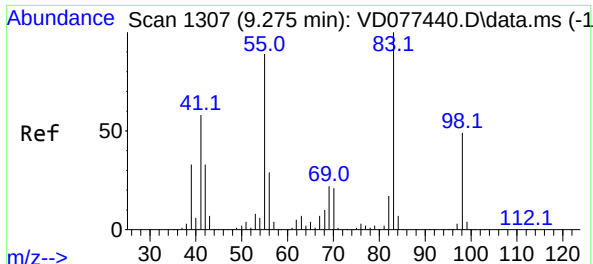
Ion Ratio Lower Upper

117 100

119 87.8 78.0 117.0

121 28.5 24.2 36.2





#39

Methylcyclohexane

Concen: 20.586 ug/l

RT: 9.281 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBSD03

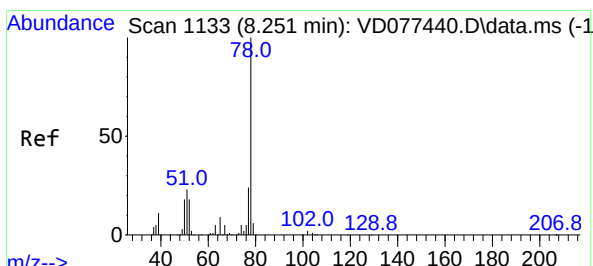
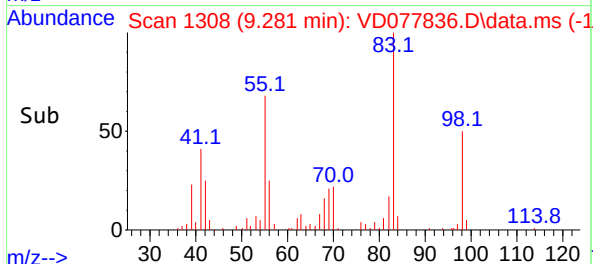
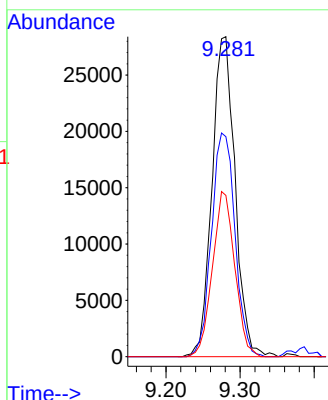
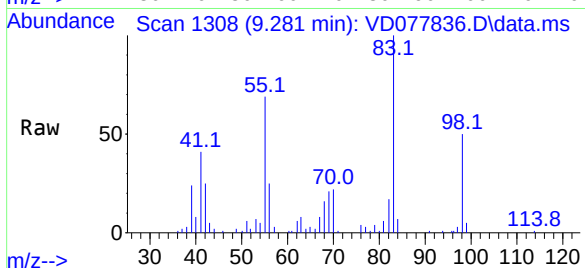
Tgt Ion: 83 Resp: 61266

Ion Ratio Lower Upper

83 100

55 68.7 49.4 74.0

98 50.4 38.4 57.6



#40

Benzene

Concen: 20.874 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD077836.D

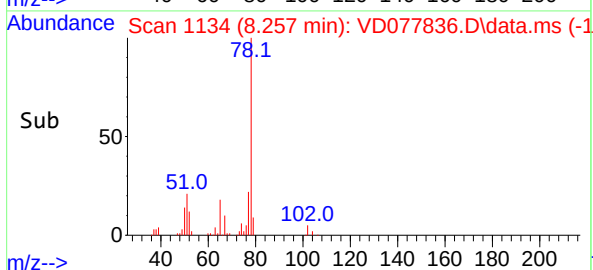
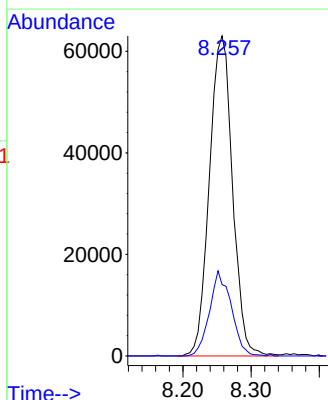
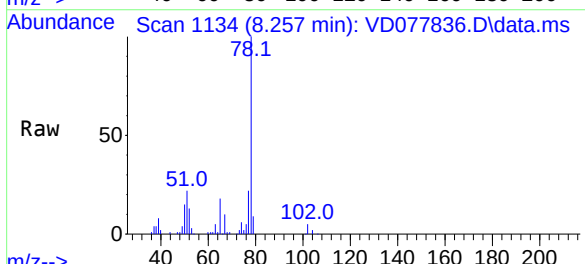
Acq: 12 Dec 2023 11:57

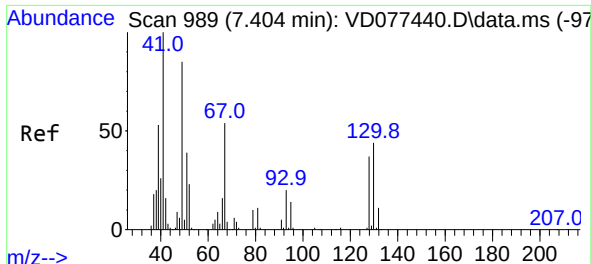
Tgt Ion: 78 Resp: 148729

Ion Ratio Lower Upper

78 100

77 22.3 19.4 29.0

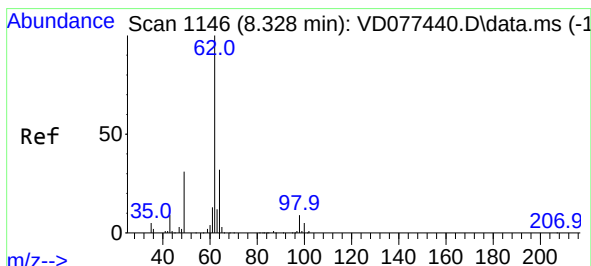
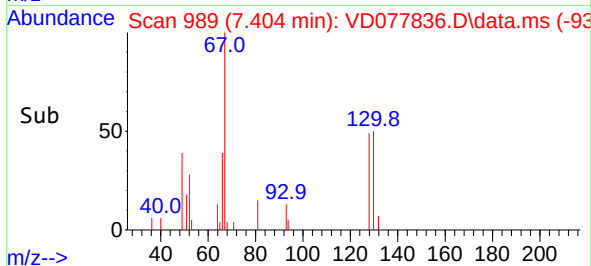
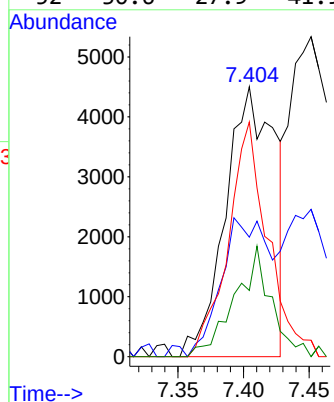
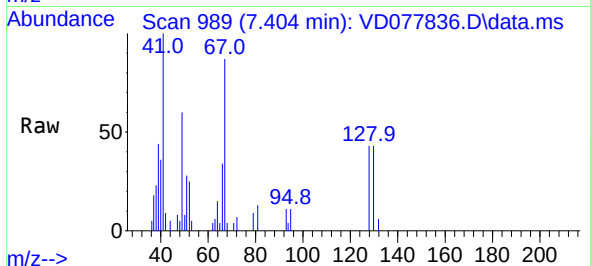




#41
Methacrylonitrile
Concen: 23.726 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

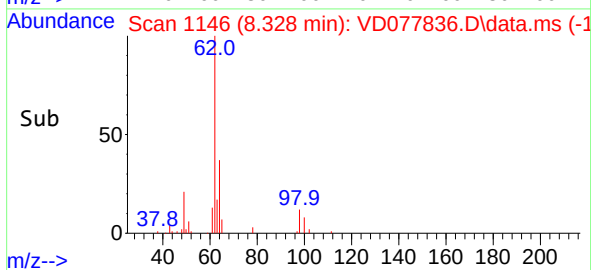
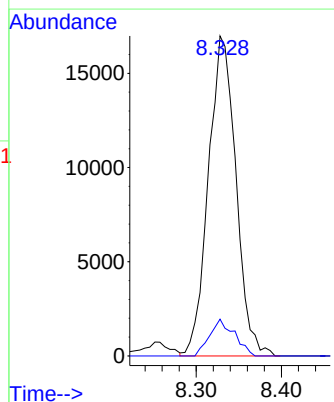
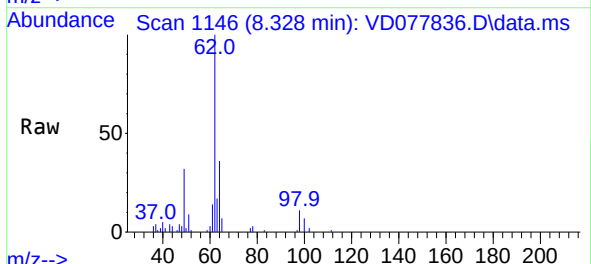
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

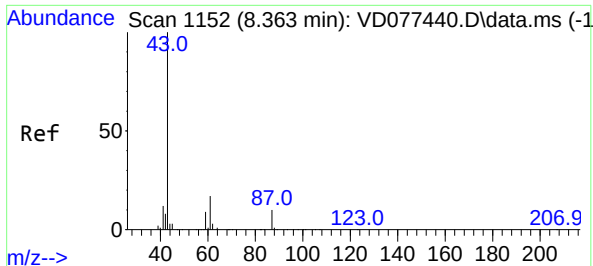
Tgt Ion:	41	Resp:	11804
Ion	Ratio	Lower	Upper
41	100		
39	48.2	34.0	51.0
67	69.7	77.0	115.4#
52	30.6	27.9	41.9



#42
1,2-Dichloroethane
Concen: 20.676 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:	62	Resp:	38187
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	25.4

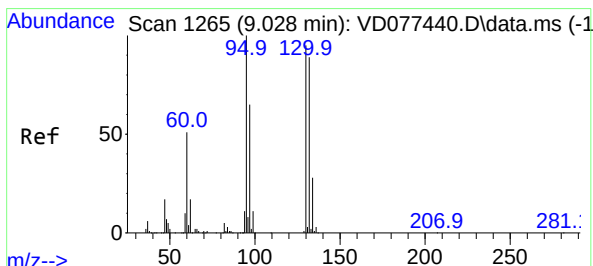
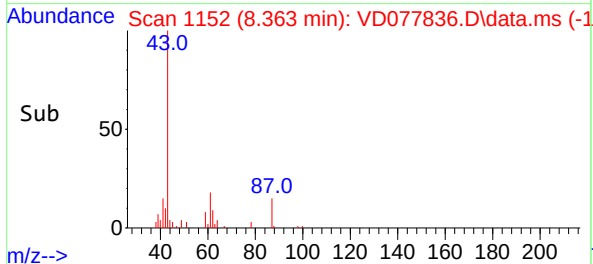
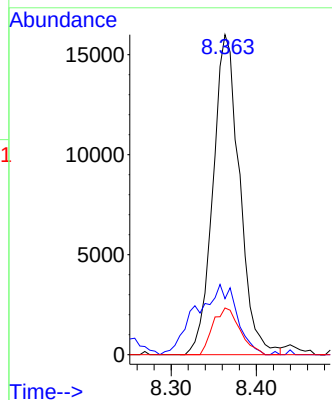
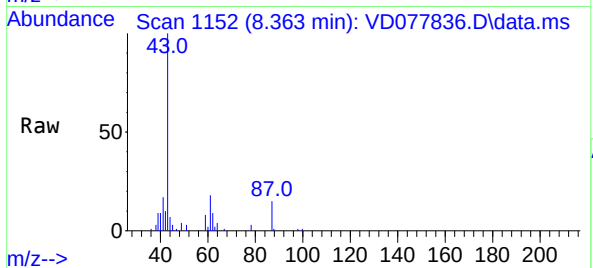




#43
Isopropyl Acetate
Concen: 19.921 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

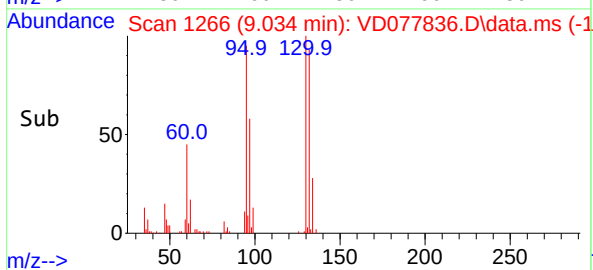
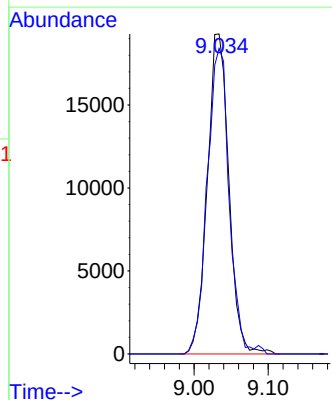
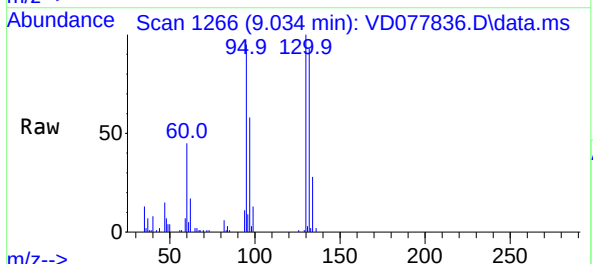
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

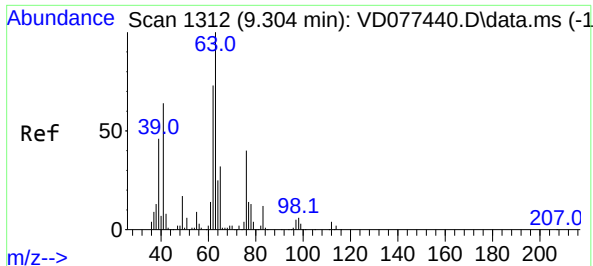
Tgt Ion: 43 Resp: 34663
Ion Ratio Lower Upper
43 100
61 33.7 31.4 47.0
87 14.9 14.9 22.3#



#44
Trichloroethene
Concen: 20.949 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:130 Resp: 38897
Ion Ratio Lower Upper
130 100
95 95.4 0.0 179.2

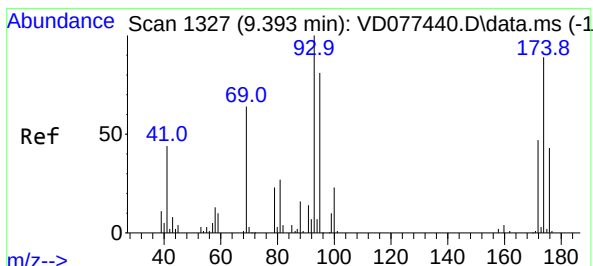
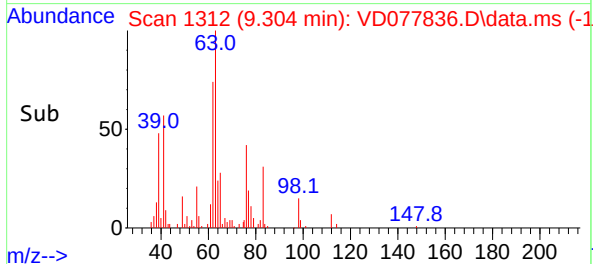
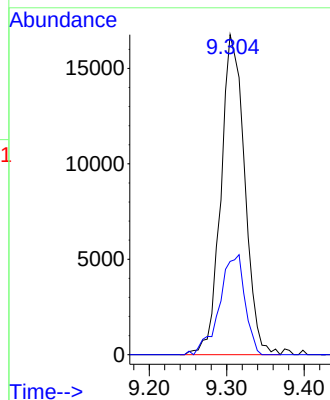
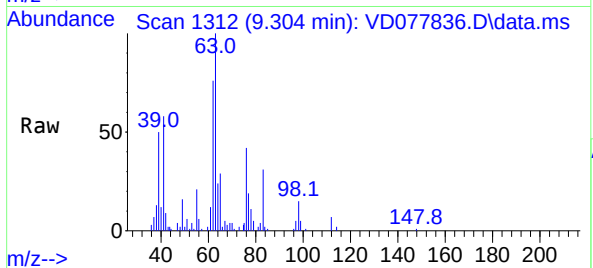




#45
1,2-Dichloropropane
Concen: 20.698 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

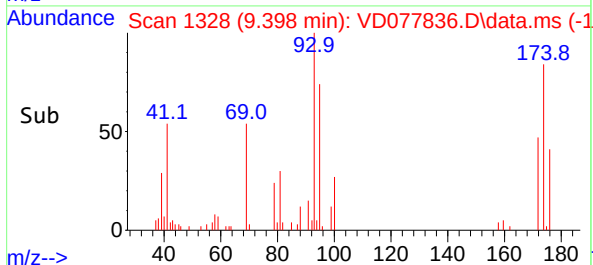
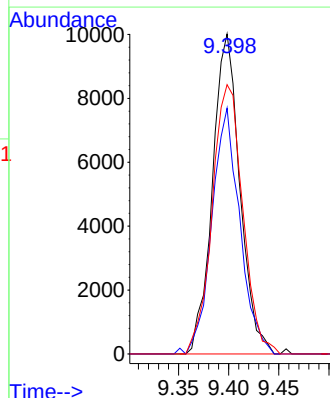
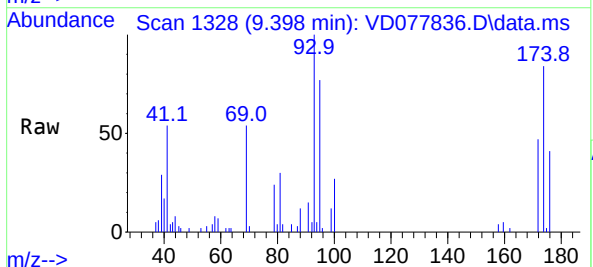
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

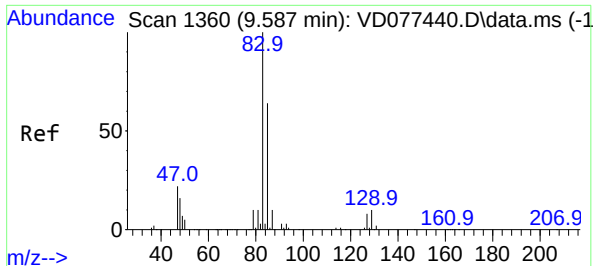
Tgt Ion: 63 Resp: 35850
Ion Ratio Lower Upper
63 100
65 29.1 24.5 36.7



#46
Dibromomethane
Concen: 20.782 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.005 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 93 Resp: 19046
Ion Ratio Lower Upper
93 100
95 78.5 67.7 101.5
174 93.8 85.4 128.2

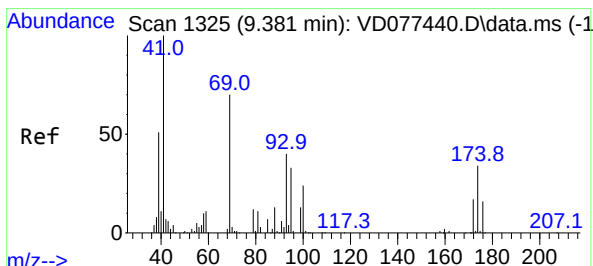
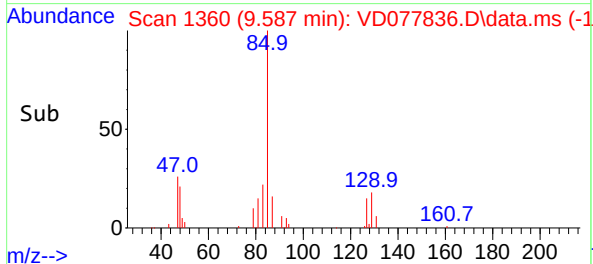
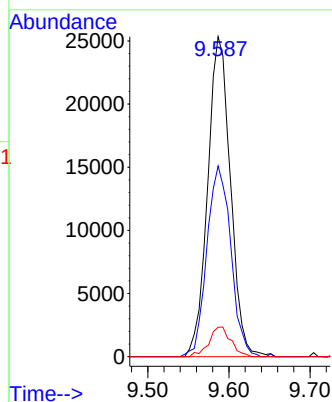
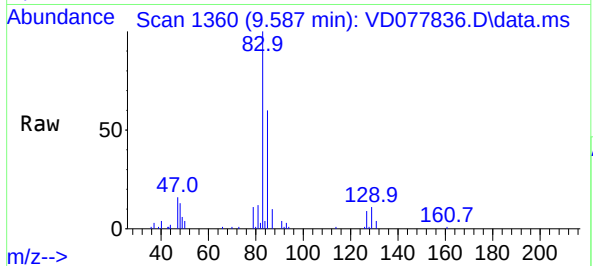




#47
Bromodichloromethane
Concen: 21.261 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

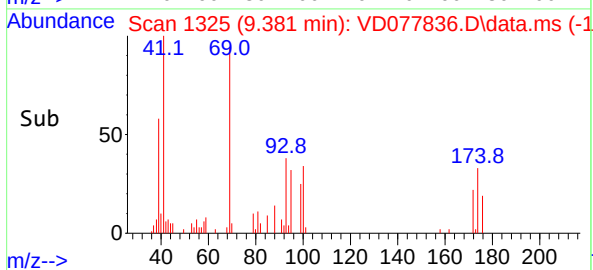
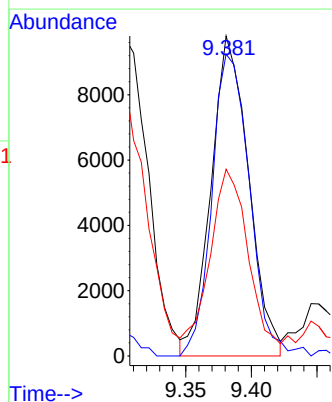
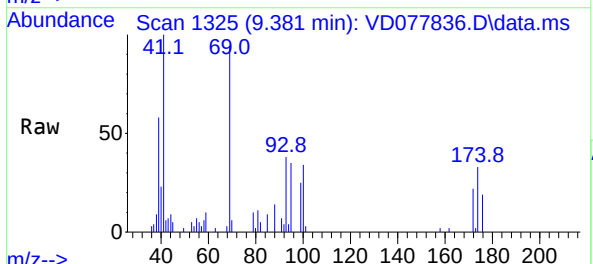
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

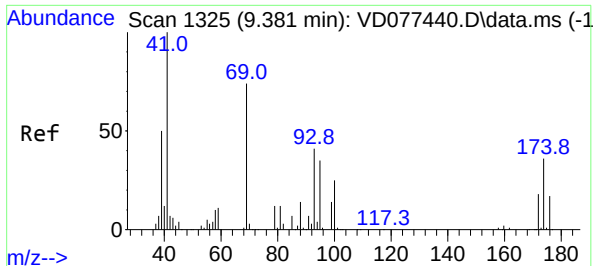
Tgt Ion: 83 Resp: 49387
Ion Ratio Lower Upper
83 100
85 59.6 50.2 75.4
127 9.2 6.3 9.5



#48
Methyl methacrylate
Concen: 19.703 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 41 Resp: 19489
Ion Ratio Lower Upper
41 100
69 94.8 102.2 153.2#
39 52.1 41.4 62.2

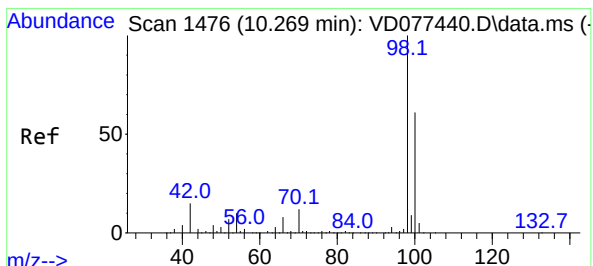
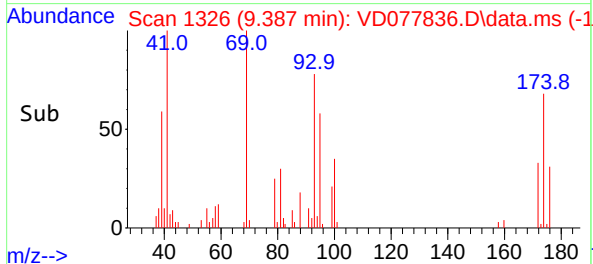
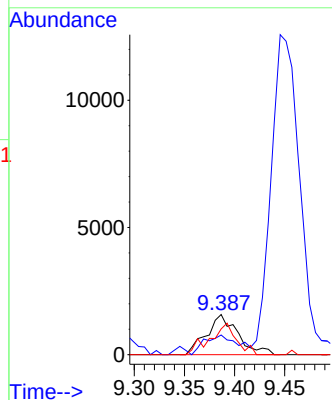
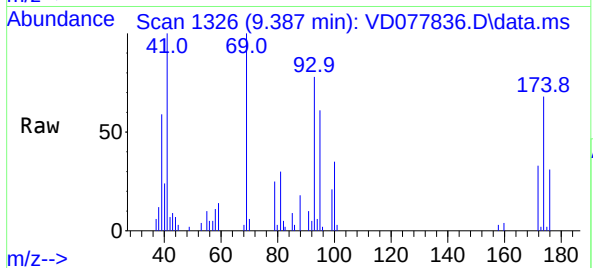




#49
1,4-Dioxane
Concen: 377.467 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

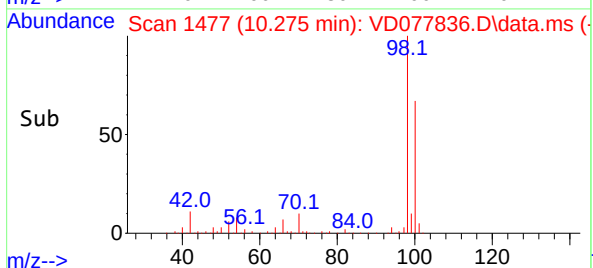
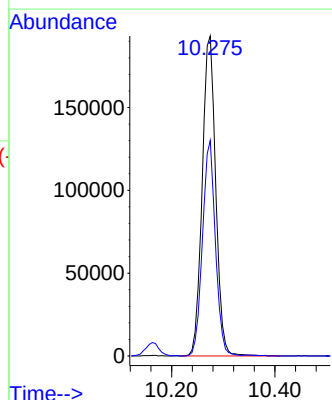
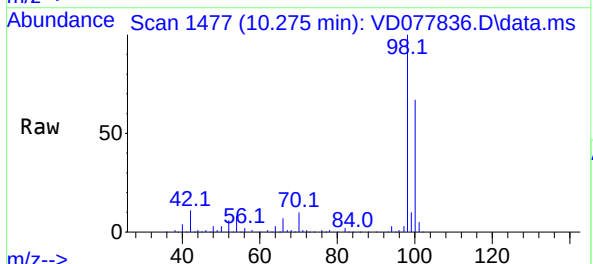
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

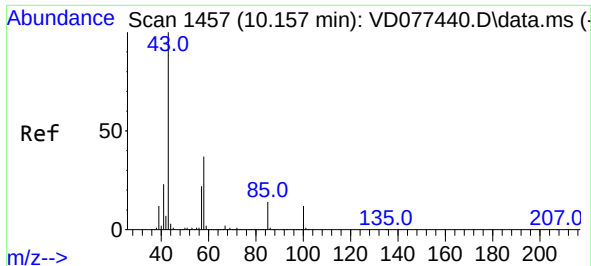
Tgt Ion: 88 Resp: 3435
Ion Ratio Lower Upper
88 100
43 52.6 19.0 28.6#
58 65.6 43.5 65.3#



#50
Toluene-d8
Concen: 55.734 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 98 Resp: 350328
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

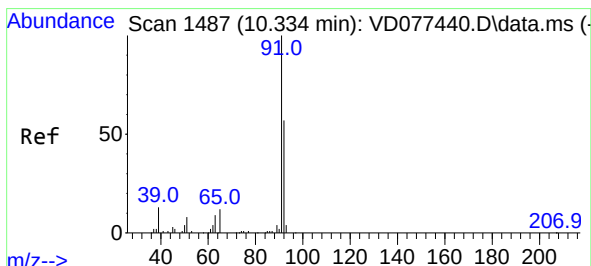
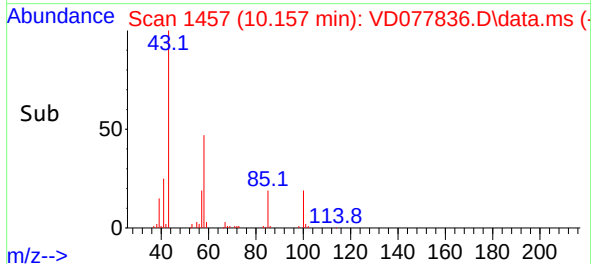
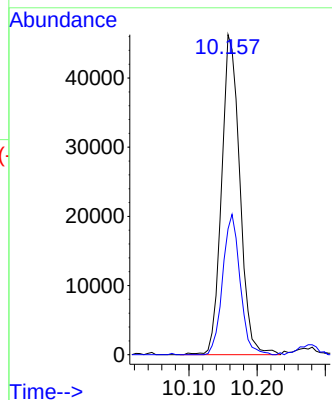
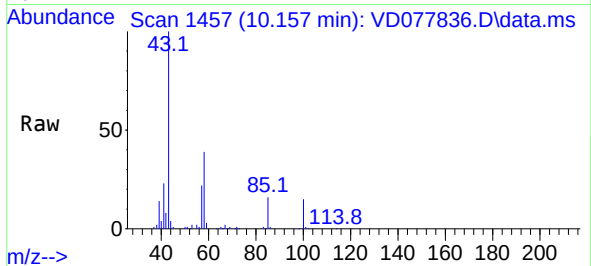




#51
4-Methyl-2-Pentanone
Concen: 96.902 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

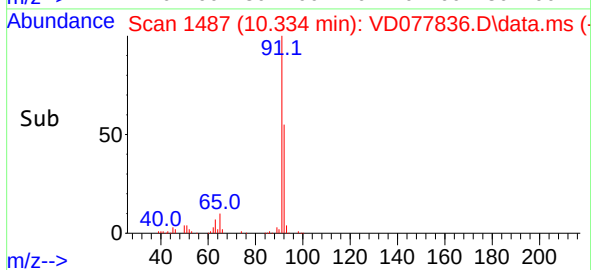
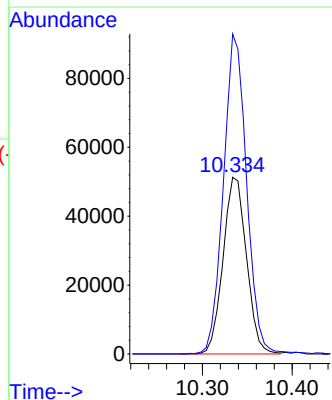
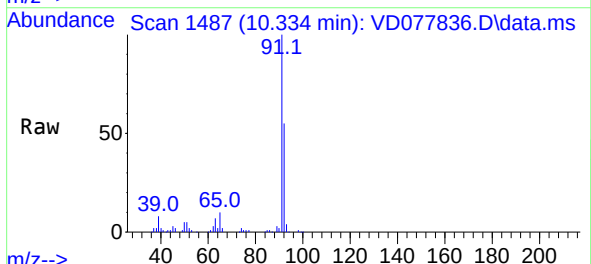
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

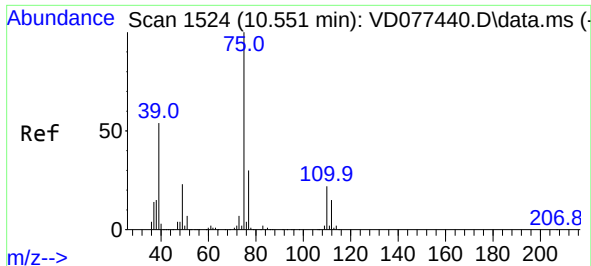
Tgt Ion: 43 Resp: 86053
Ion Ratio Lower Upper
43 100
58 41.9 38.9 58.3



#52
Toluene
Concen: 21.027 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 92 Resp: 92934
Ion Ratio Lower Upper
92 100
91 179.2 143.0 214.4

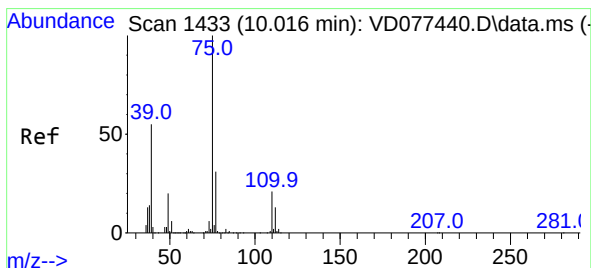
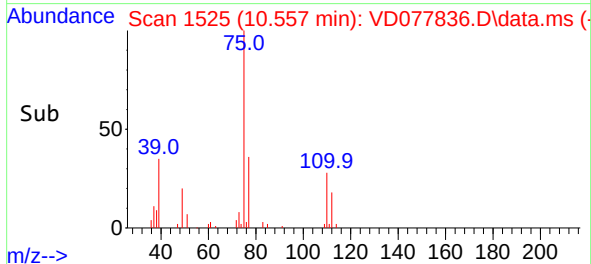
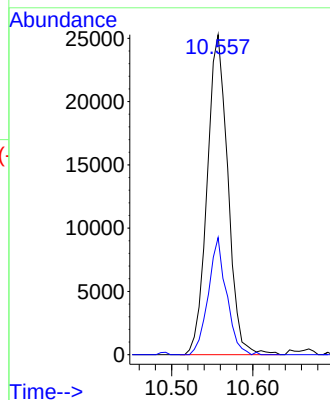
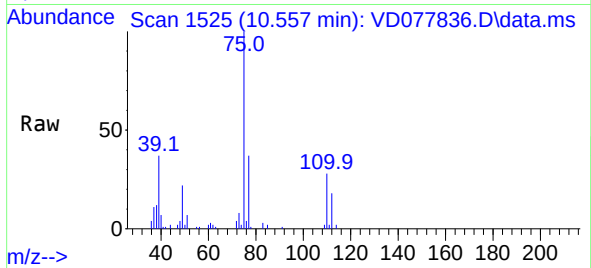




#53
t-1,3-Dichloropropene
Concen: 20.104 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

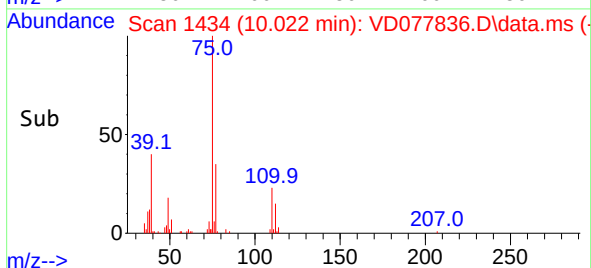
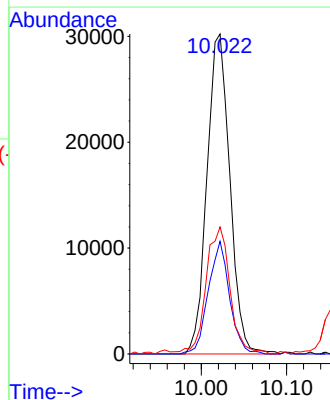
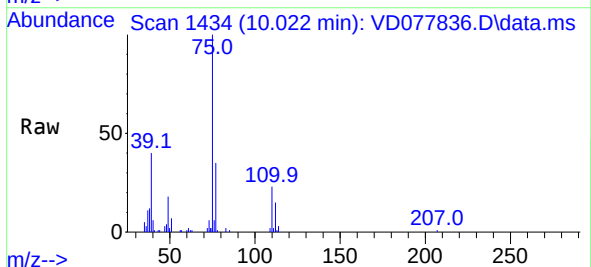
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

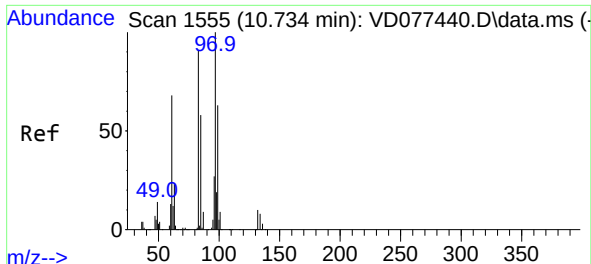
Tgt Ion: 75 Resp: 44845
Ion Ratio Lower Upper
75 100
77 36.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.942 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

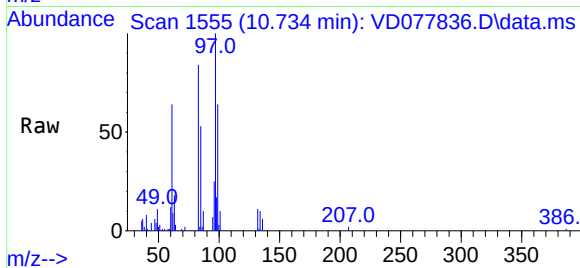
Tgt Ion: 75 Resp: 56480
Ion Ratio Lower Upper
75 100
77 35.2 25.5 38.3
39 38.9 22.1 33.1#



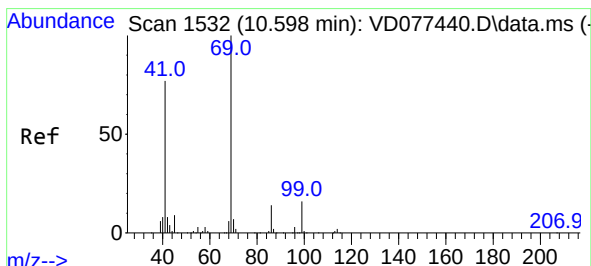
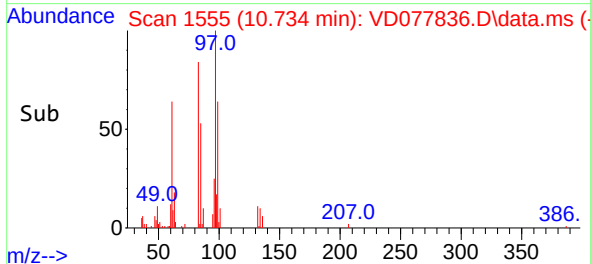
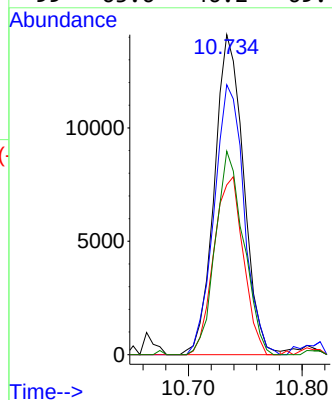


#55
1,1,2-Trichloroethane
Concen: 20.115 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

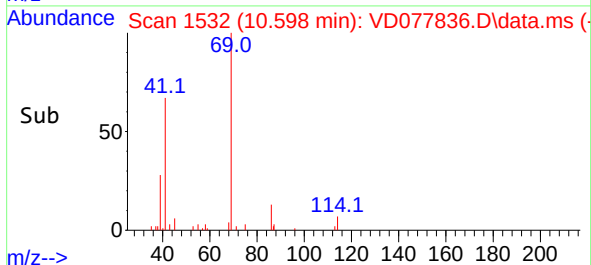
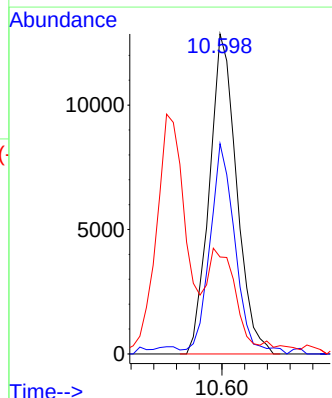
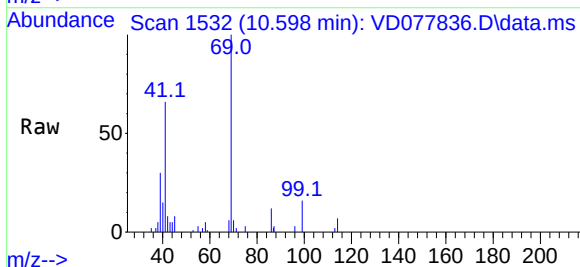


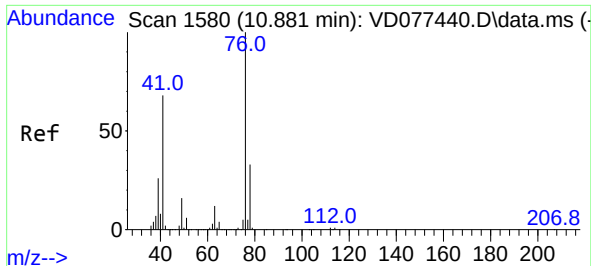
Tgt Ion:	97	Resp:	25215
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.6
85	53.1	45.7	68.5
99	63.6	46.2	69.4



#56
Ethyl methacrylate
Concen: 19.361 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:	69	Resp:	21395
Ion	Ratio	Lower	Upper
69	100		
41	60.9	39.1	58.7#
39	29.8	20.0	30.0





#57

1,3-Dichloropropane

Concen: 20.845 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

Instrument :

MSVOA_D

ClientSampleId :

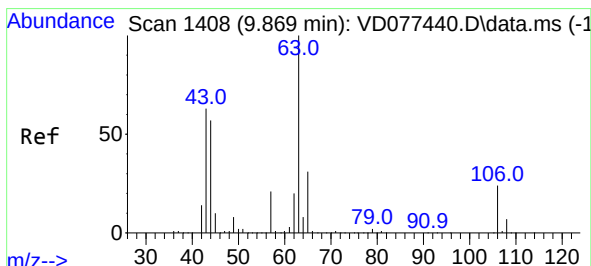
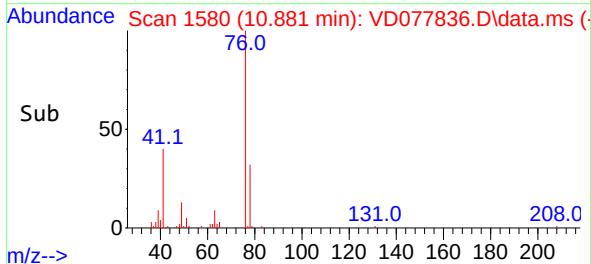
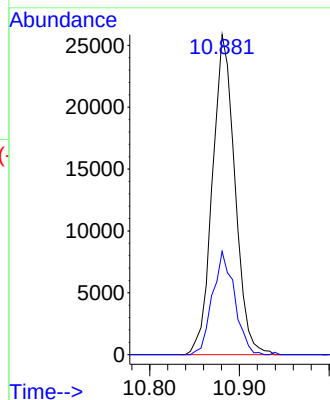
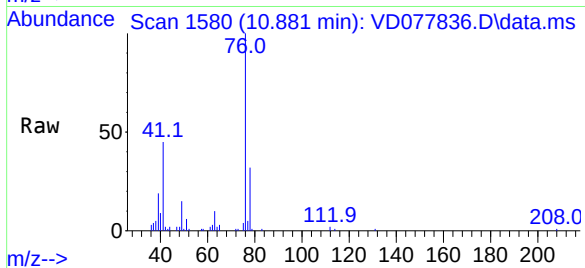
VD1212SBSD03

Tgt Ion: 76 Resp: 45042

Ion Ratio Lower Upper

76 100

78 31.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.230 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077836.D

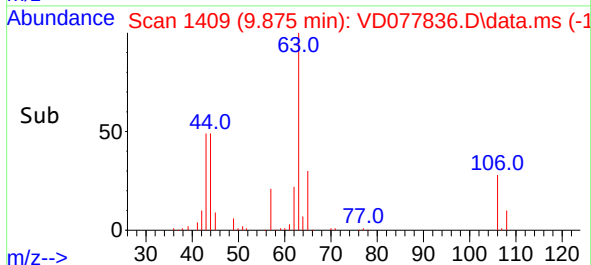
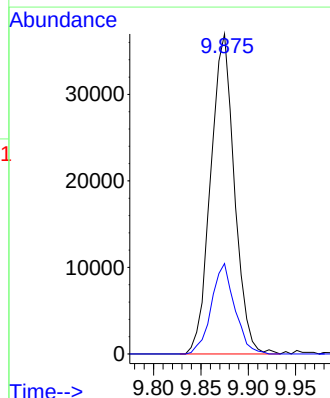
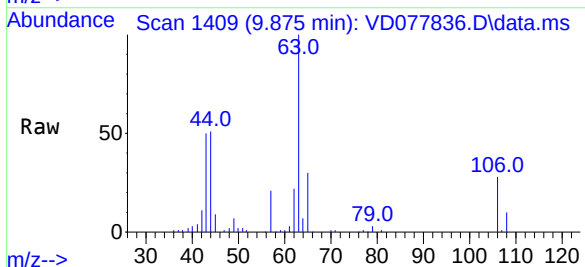
Acq: 12 Dec 2023 11:57

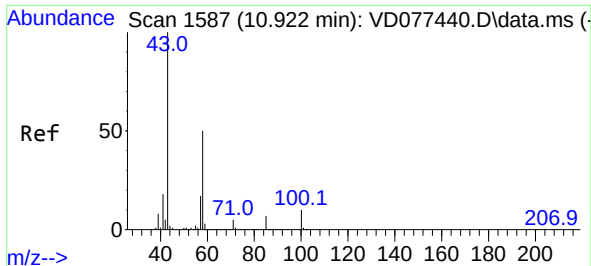
Tgt Ion: 63 Resp: 64424

Ion Ratio Lower Upper

63 100

106 27.8 25.3 37.9

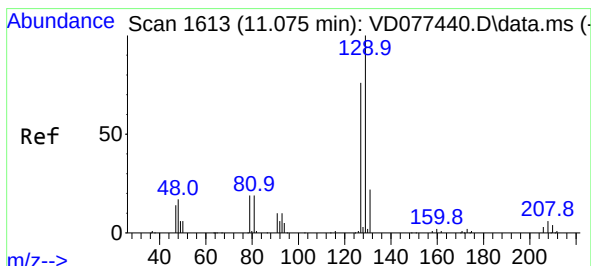
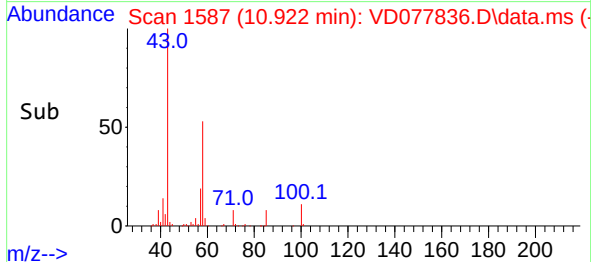
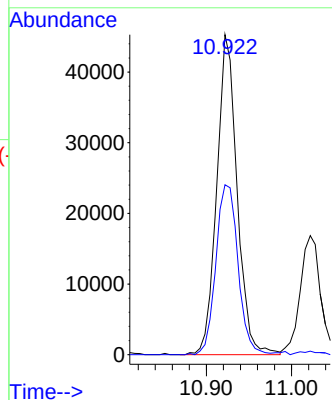
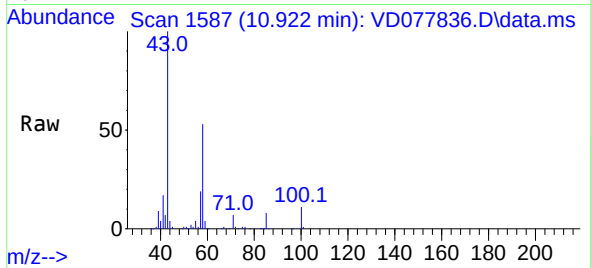




#59
2-Hexanone
Concen: 101.956 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

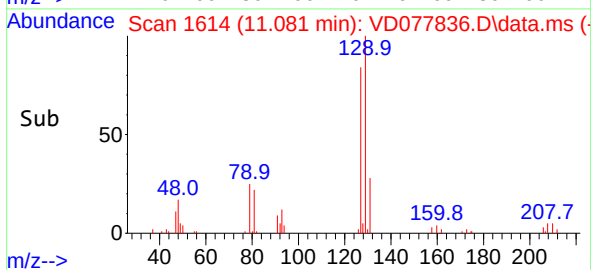
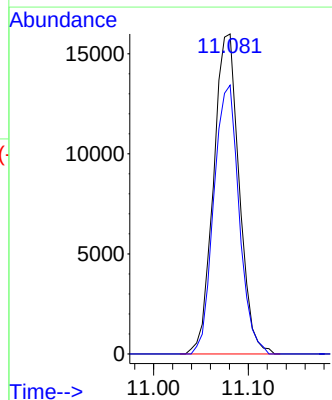
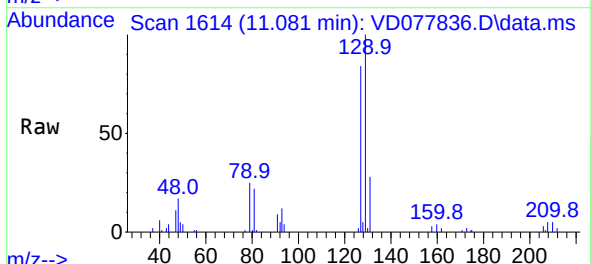
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

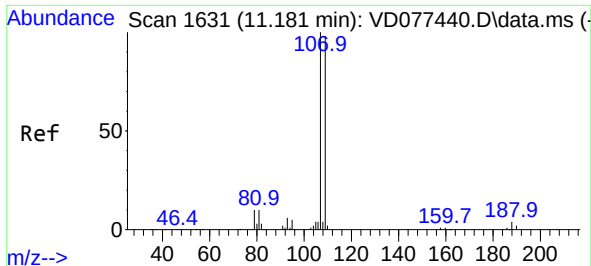
Tgt Ion: 43 Resp: 75117
Ion Ratio Lower Upper
43 100
58 57.7 34.1 102.2



#60
Dibromochloromethane
Concen: 19.928 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 129 Resp: 30076
Ion Ratio Lower Upper
129 100
127 82.8 37.1 111.5

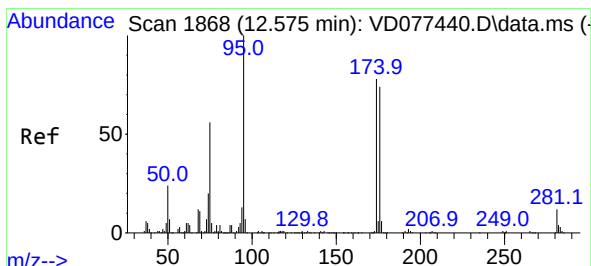
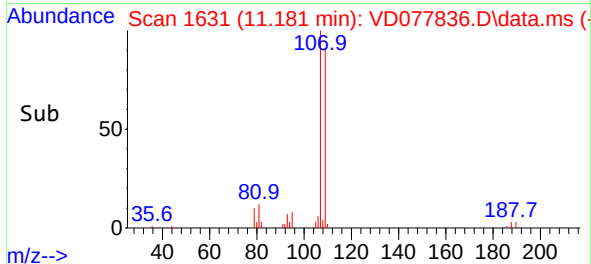
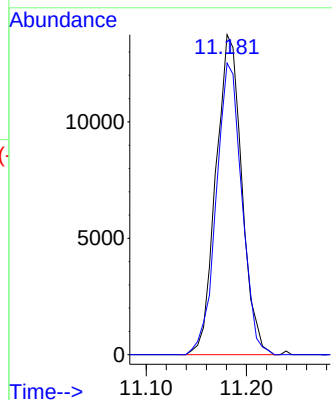
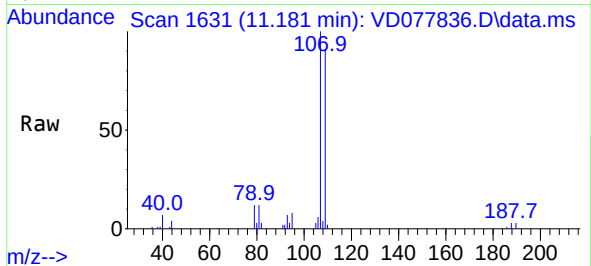




#61
1,2-Dibromoethane
Concen: 20.891 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

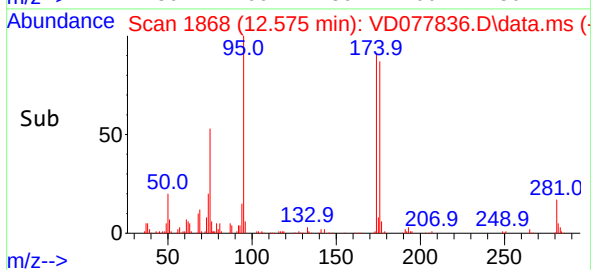
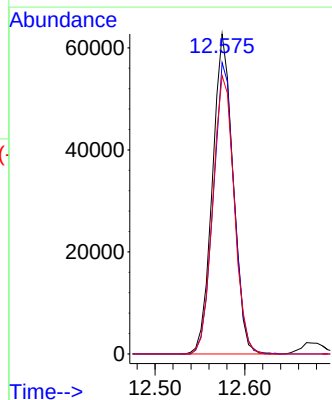
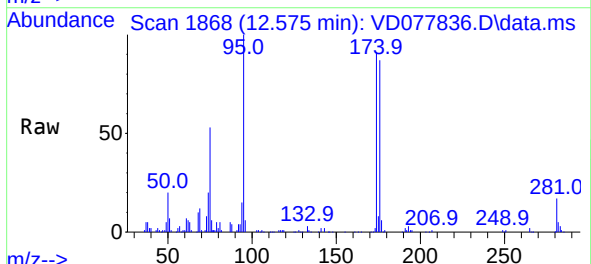
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

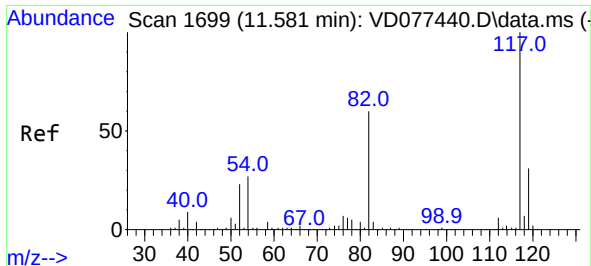
Tgt Ion:107 Resp: 24652
Ion Ratio Lower Upper
107 100
109 90.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.312 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 95 Resp: 100188
Ion Ratio Lower Upper
95 100
174 91.5 0.0 201.8
176 89.8 0.0 191.8

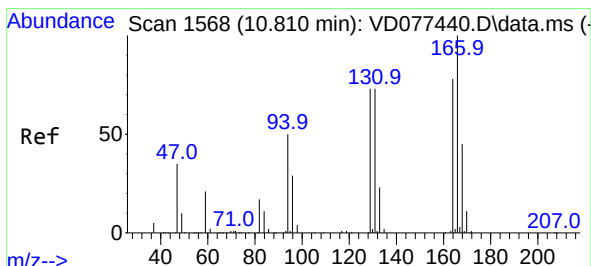
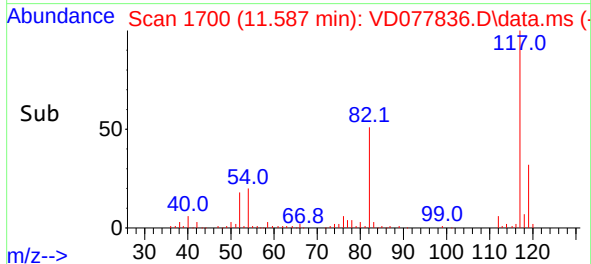
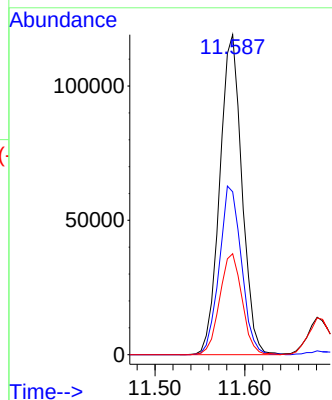
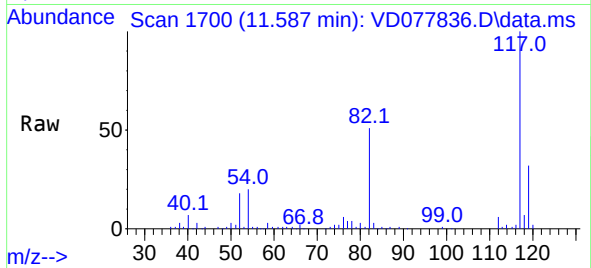




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

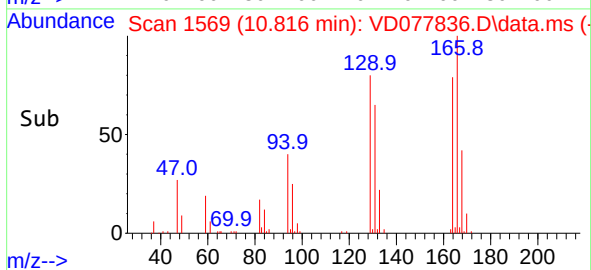
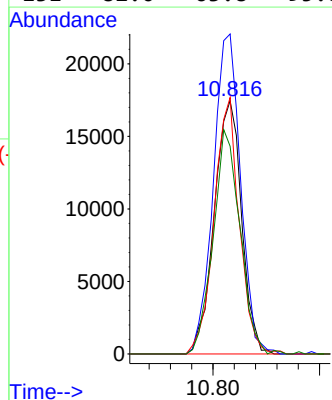
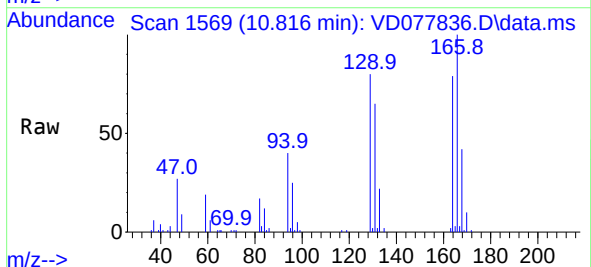
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

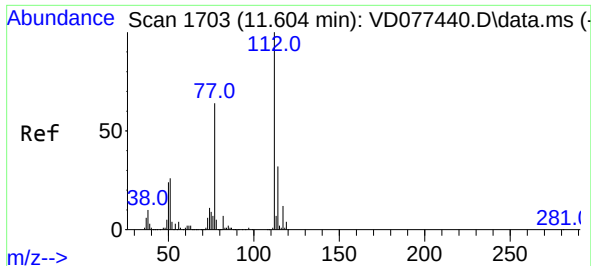
Tgt Ion:117 Resp: 204157
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 20.703 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:164 Resp: 31065
Ion Ratio Lower Upper
164 100
166 126.3 99.2 148.8
129 101.3 68.4 102.6
131 82.0 63.8 95.8

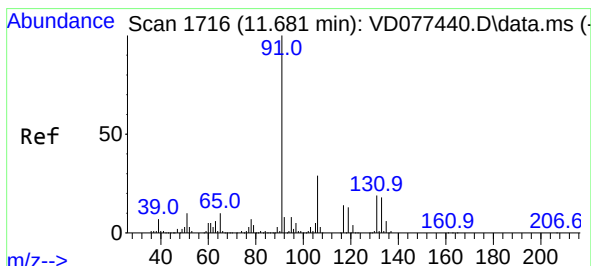
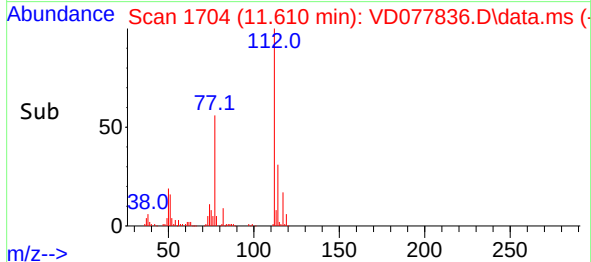
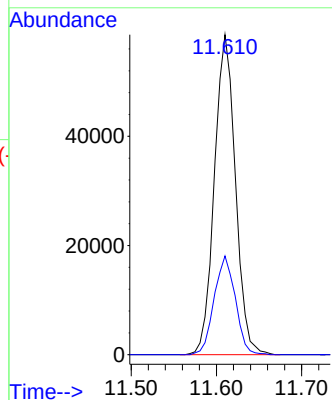
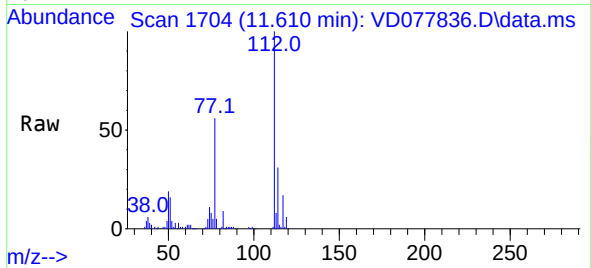




#65
Chlorobenzene
Concen: 19.745 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

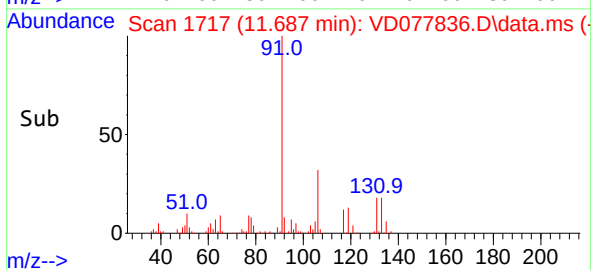
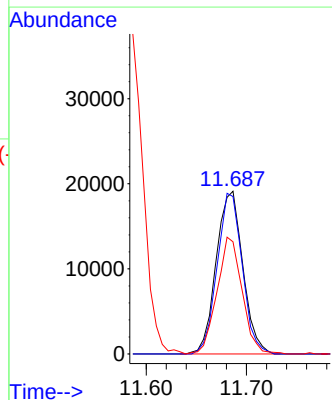
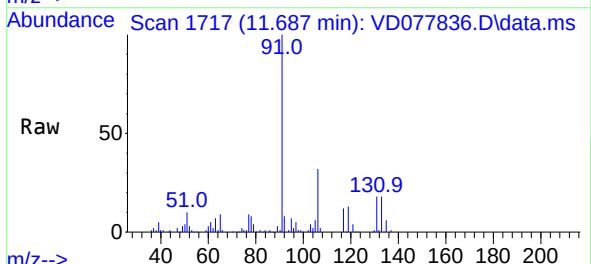
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

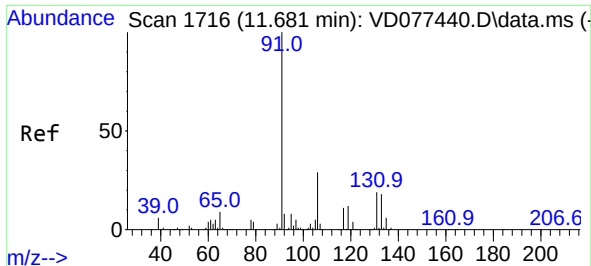
Tgt Ion:112 Resp: 100434
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.789 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:131 Resp: 35293
Ion Ratio Lower Upper
131 100
133 92.8 48.5 145.5
119 67.5 35.6 106.9

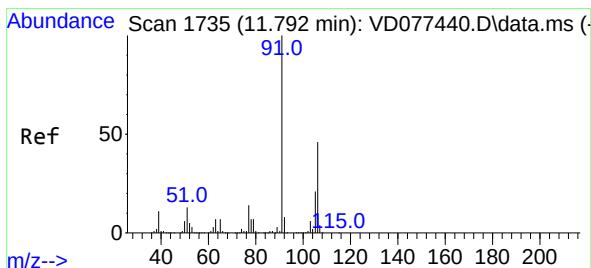
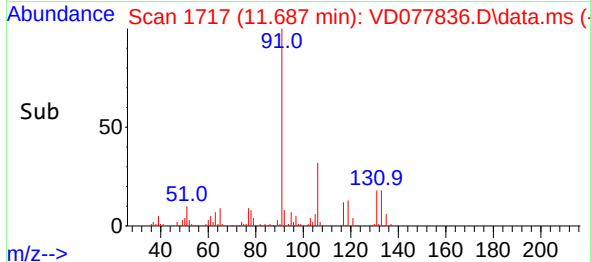
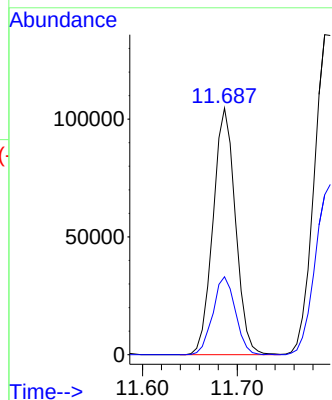
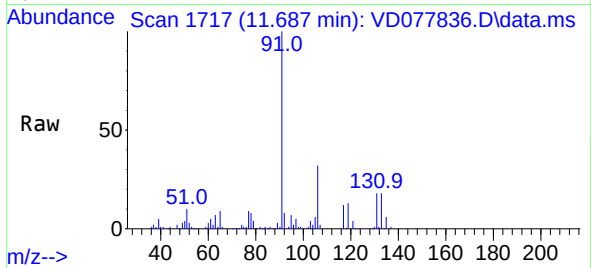




#67
Ethyl Benzene
Concen: 20.274 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

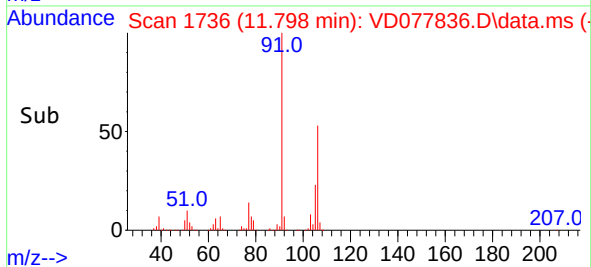
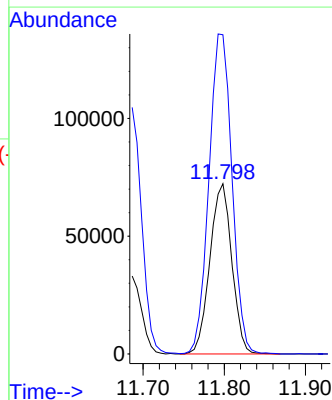
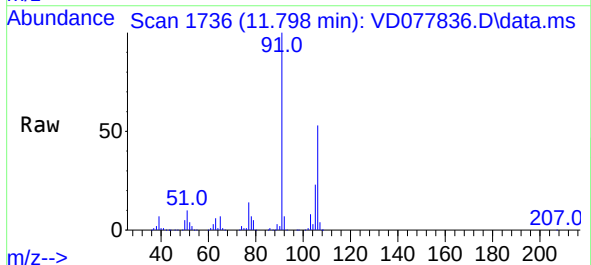
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

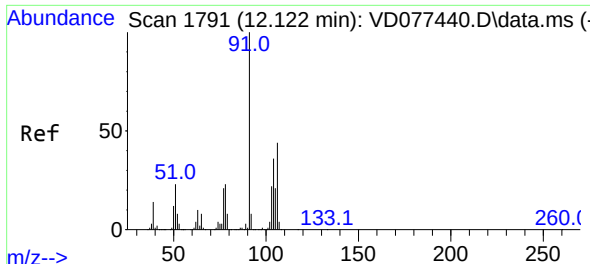
Tgt Ion: 91 Resp: 172325
Ion Ratio Lower Upper
91 100
106 31.6 26.5 39.7



#68
m/p-Xylenes
Concen: 41.753 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:106 Resp: 135745
Ion Ratio Lower Upper
106 100
91 197.1 147.0 220.6

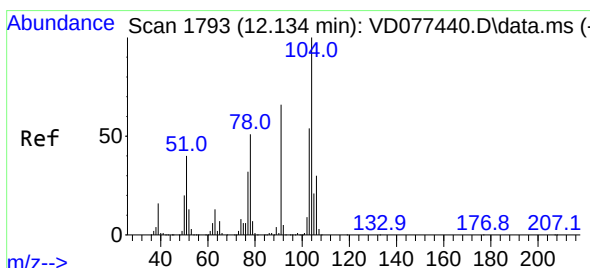
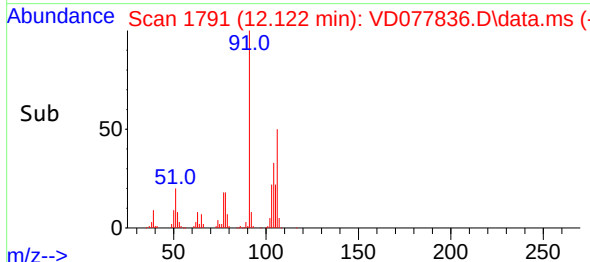
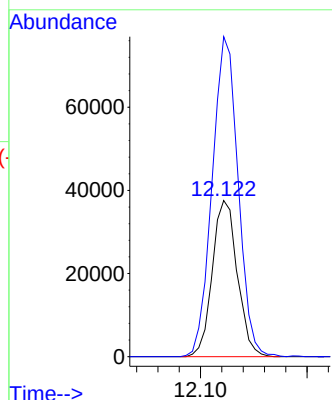
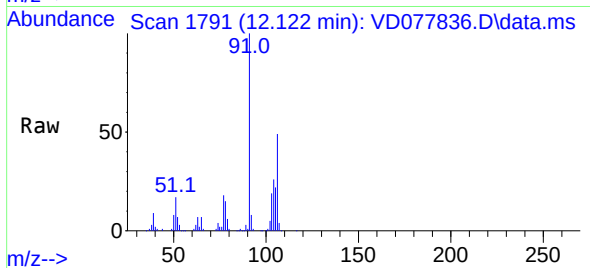




#69
o-Xylene
Concen: 20.424 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

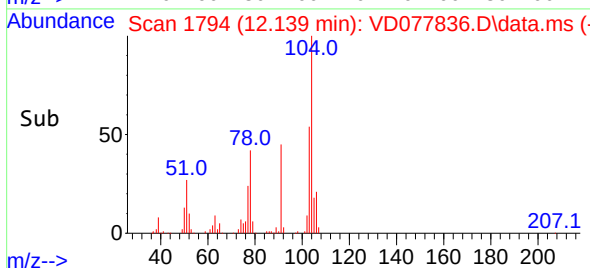
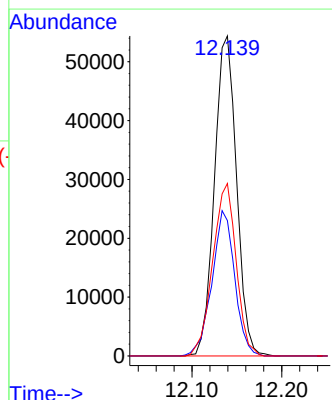
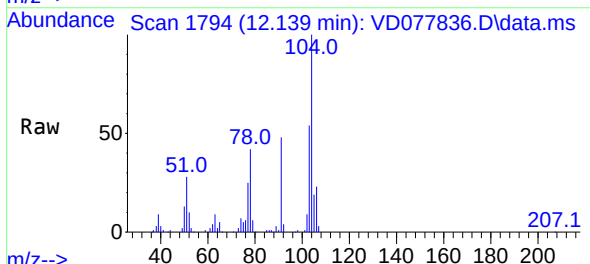
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

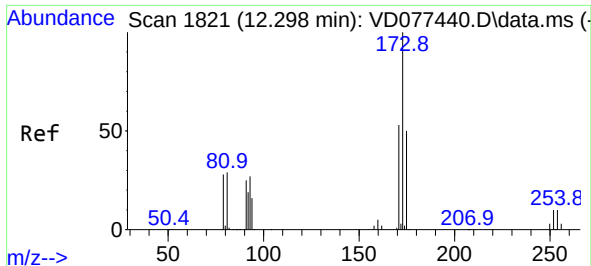
Tgt Ion:106 Resp: 61197
Ion Ratio Lower Upper
106 100
91 212.7 97.9 293.6



#70
Styrene
Concen: 20.861 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:104 Resp: 92944
Ion Ratio Lower Upper
104 100
78 46.8 33.2 49.8
103 57.2 43.6 65.4

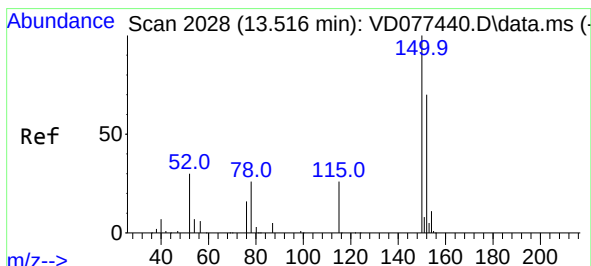
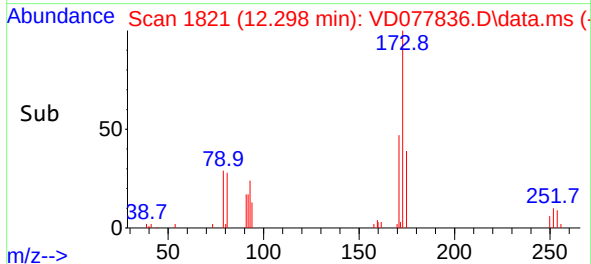
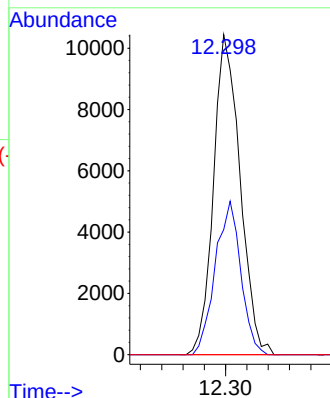
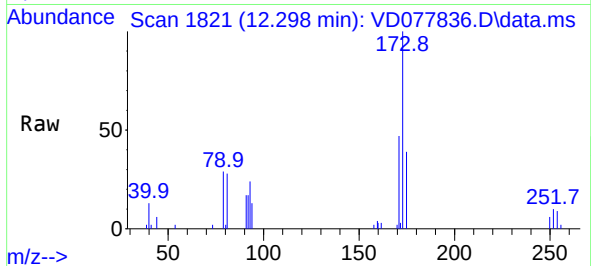




#71
Bromoform
Concen: 20.344 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

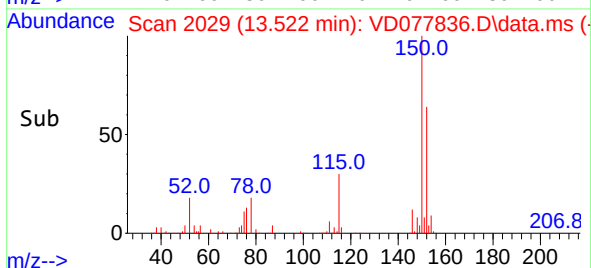
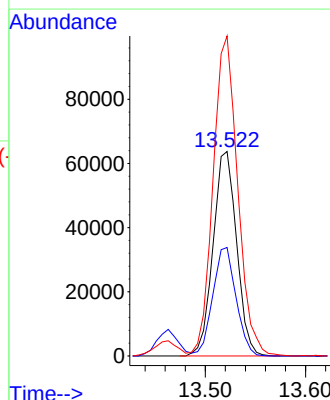
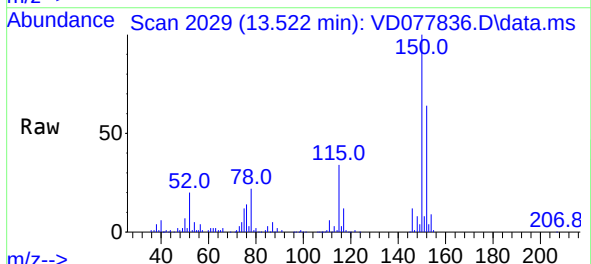
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

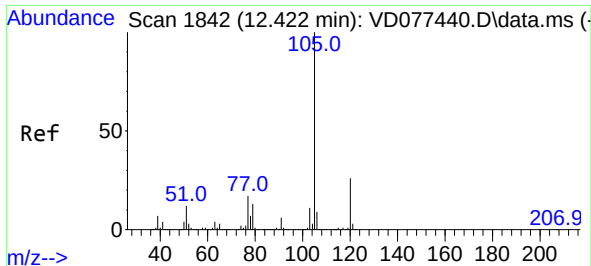
Tgt Ion:	173	Resp:	18046
Ion Ratio	Lower	Upper	
173	100		
175	46.1	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:	152	Resp:	103798
Ion Ratio	Lower	Upper	
152	100		
115	52.5	27.1	81.3
150	163.8	0.0	353.6

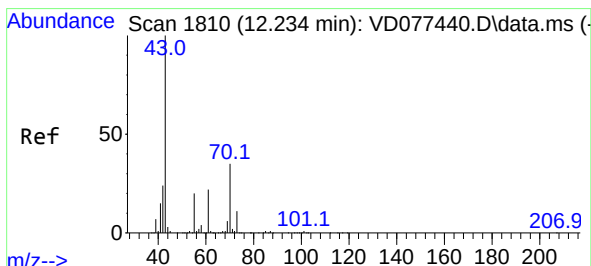
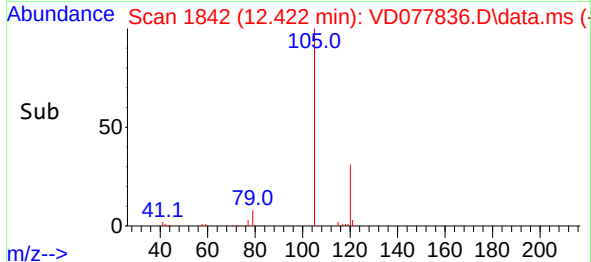
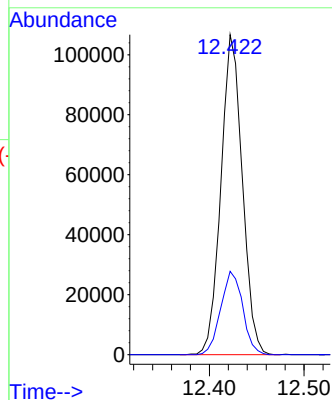
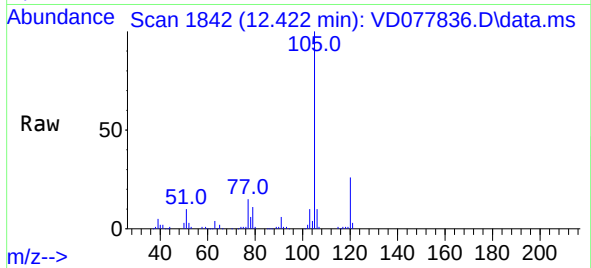




#73
Isopropylbenzene
Concen: 21.295 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

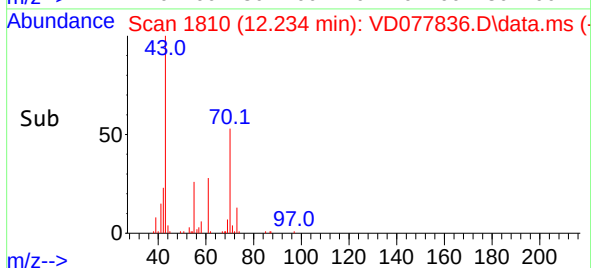
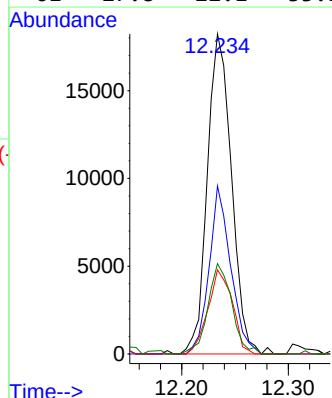
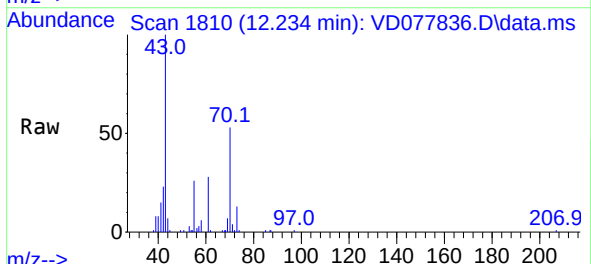
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

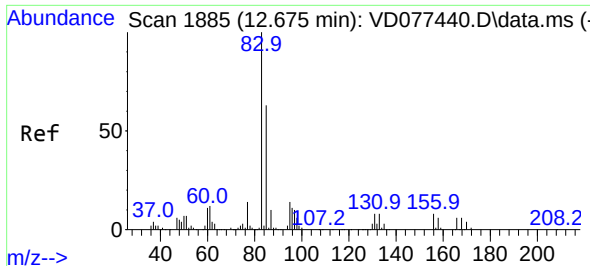
Tgt Ion:105 Resp: 167529
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 18.606 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 43 Resp: 28773
Ion Ratio Lower Upper
43 100
70 46.9 45.0 67.4
55 26.5 23.8 35.6
61 27.8 22.1 33.1

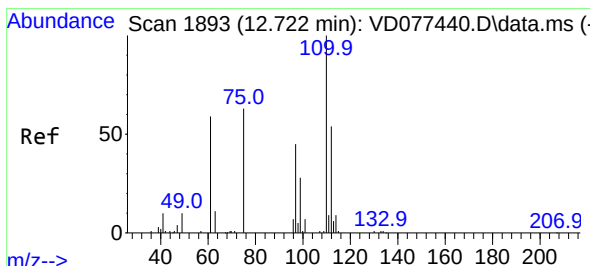
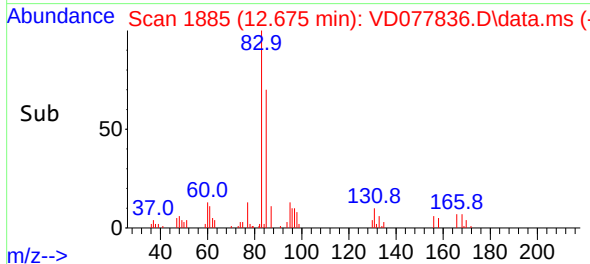
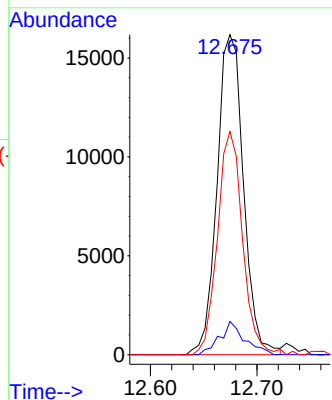
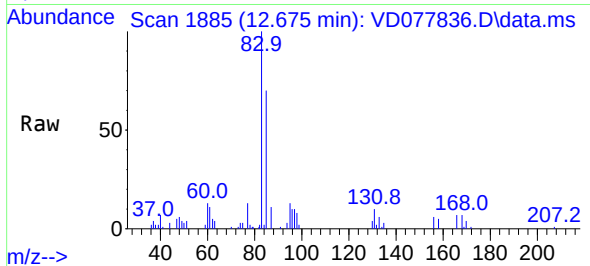




#75
1,1,2,2-Tetrachloroethane
Concen: 20.372 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

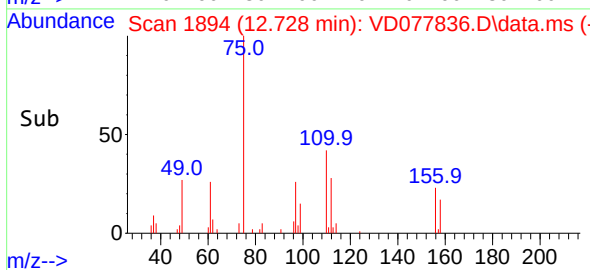
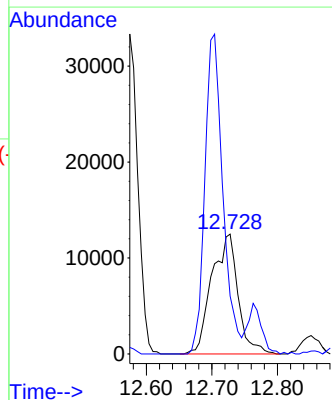
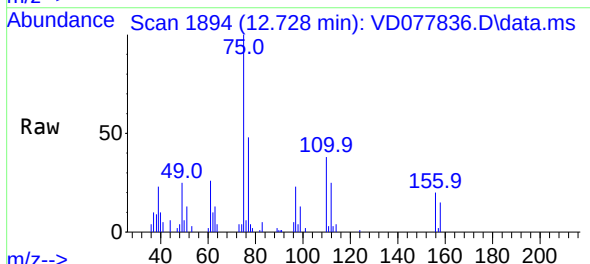
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

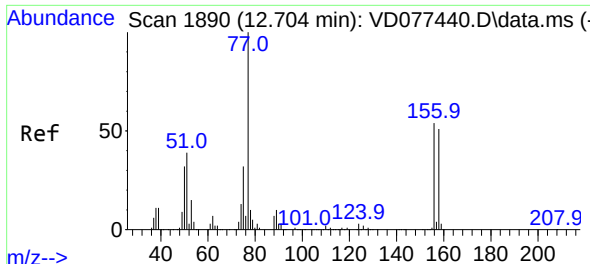
Tgt Ion: 83 Resp: 27945
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 66.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 38.512 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 75 Resp: 34718
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

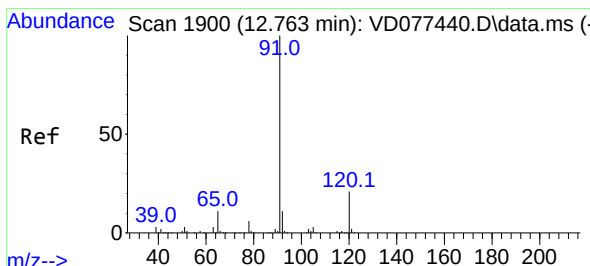
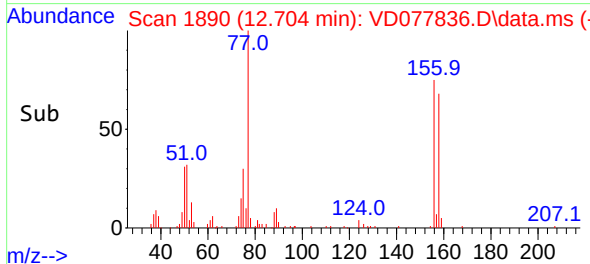
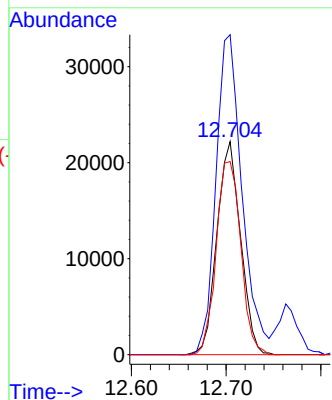
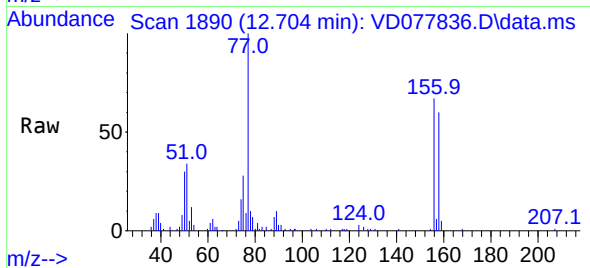




#77
Bromobenzene
Concen: 20.826 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

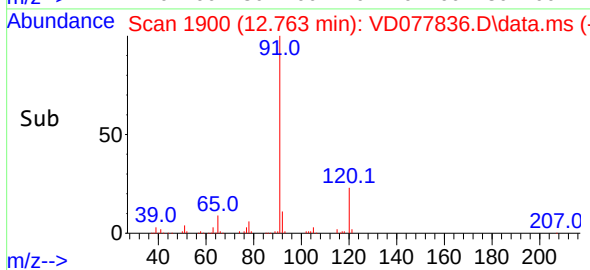
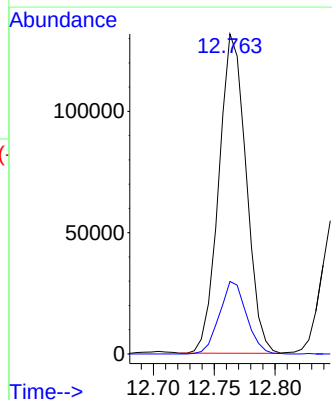
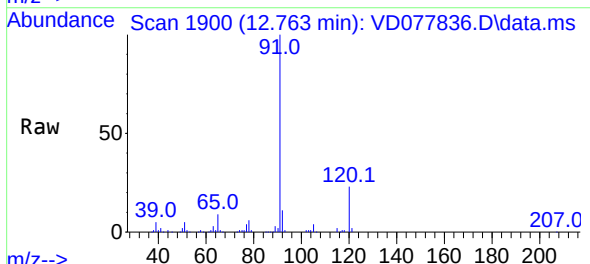
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

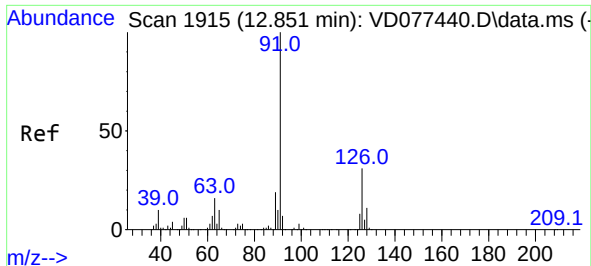
Tgt Ion:156 Resp: 38537
Ion Ratio Lower Upper
156 100
77 165.5 76.8 230.4
158 94.4 48.6 145.9



#78
n-propylbenzene
Concen: 21.432 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 91 Resp: 205450
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2

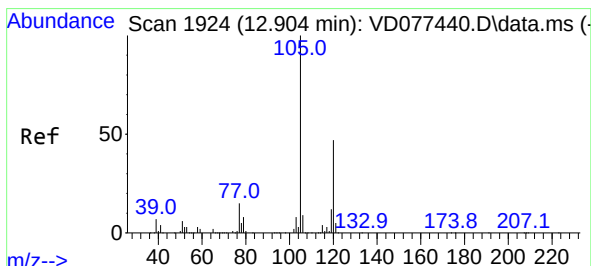
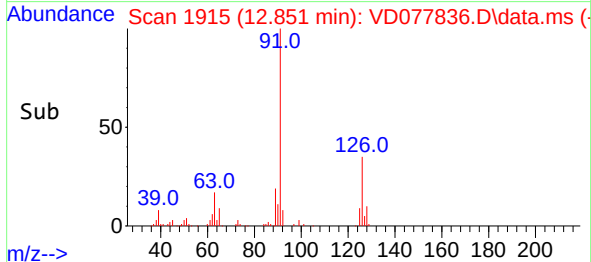
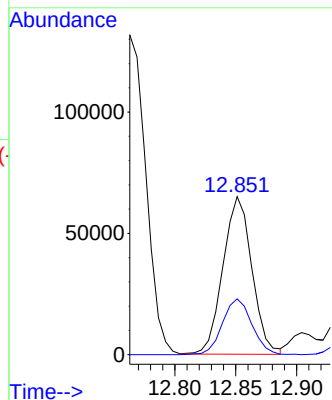
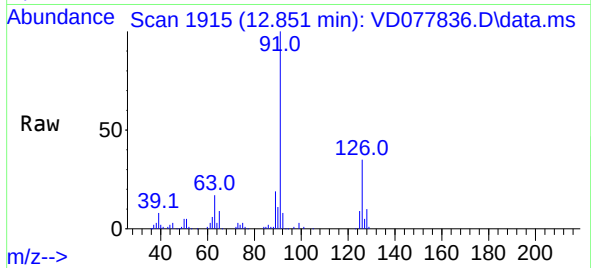




#79
2-Chlorotoluene
Concen: 20.927 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

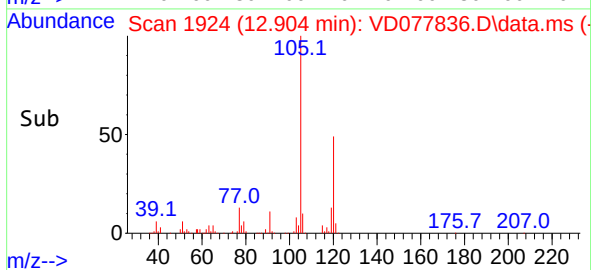
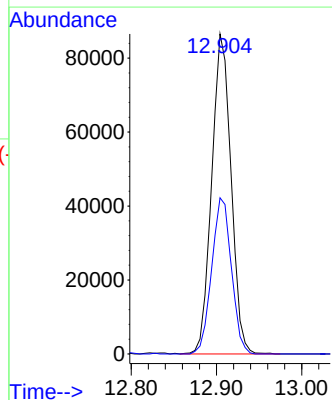
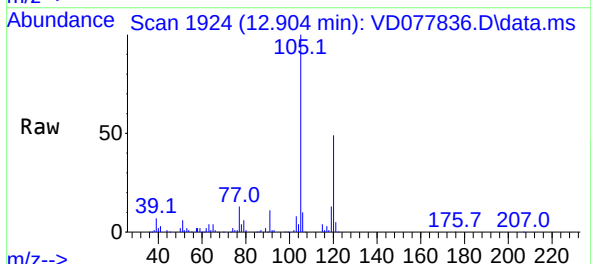
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

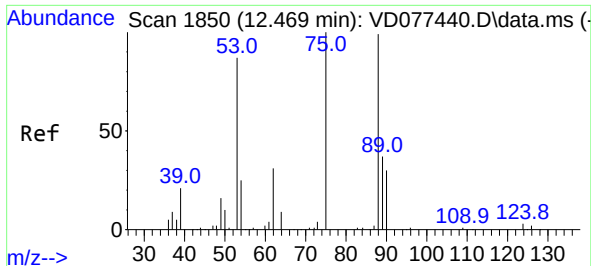
Tgt Ion: 91 Resp: 107511
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.769 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 105 Resp: 136273
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

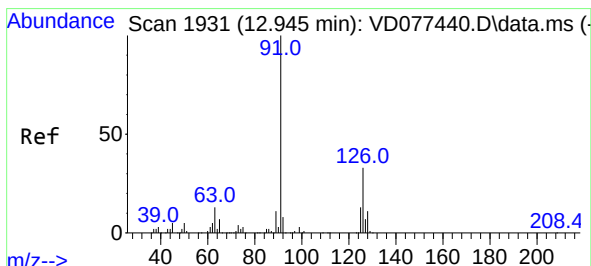
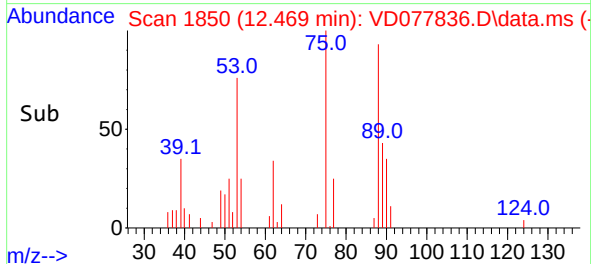
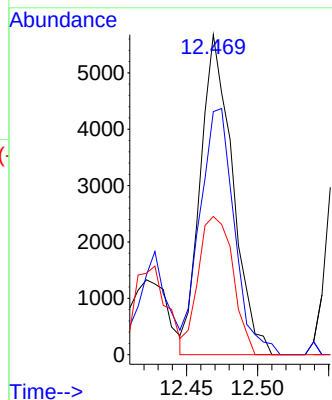
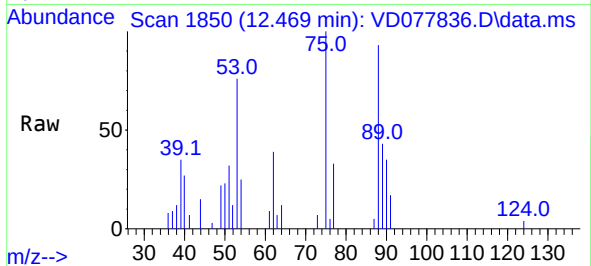




#81
trans-1,4-Dichloro-2-butene
Concen: 20.050 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

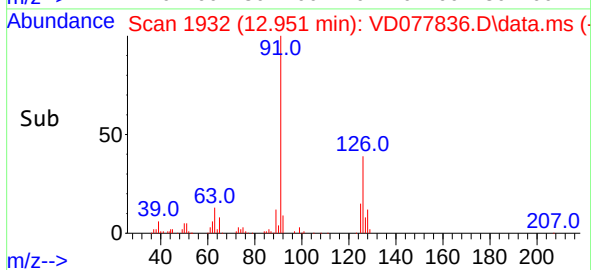
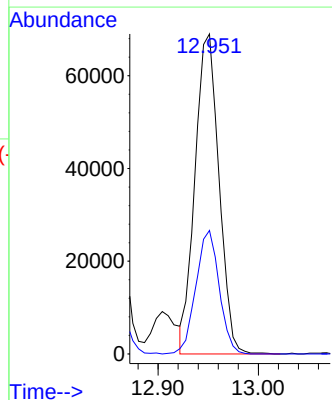
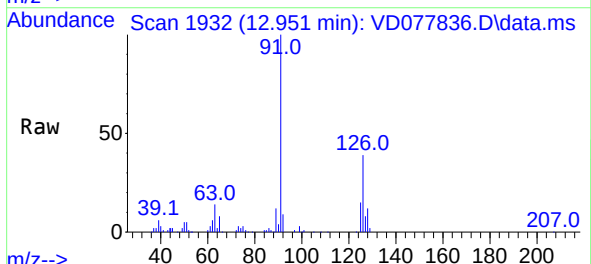
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

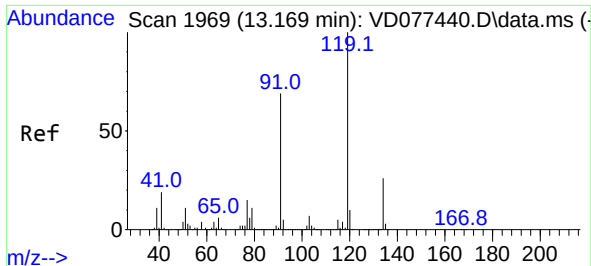
Tgt Ion: 75 Resp: 8921
Ion Ratio Lower Upper
75 100
53 82.0 63.0 94.4
89 46.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.361 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 91 Resp: 114722
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.4

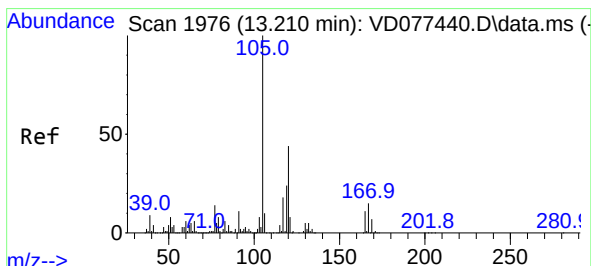
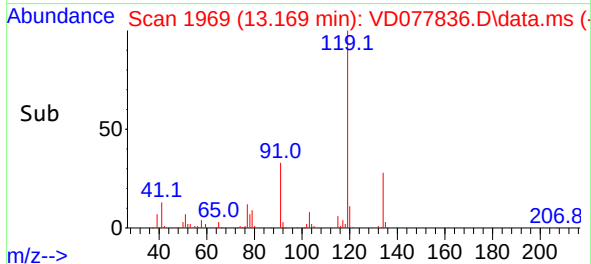
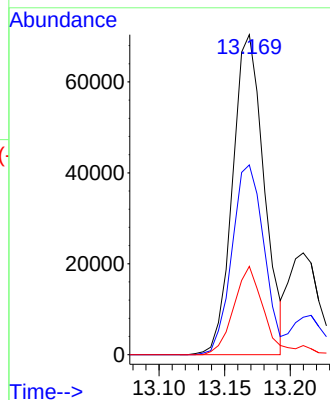
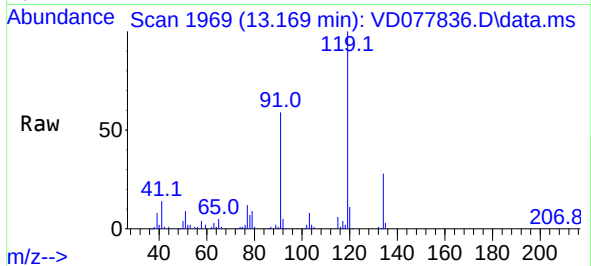




#83
tert-Butylbenzene
Concen: 21.199 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

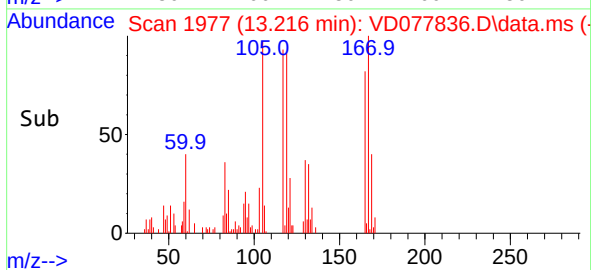
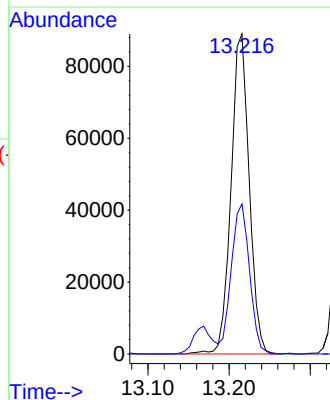
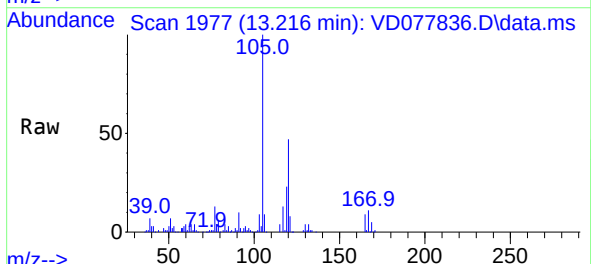
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

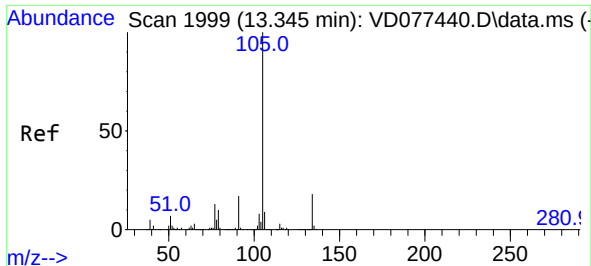
Tgt Ion:119 Resp: 117428
Ion Ratio Lower Upper
119 100
91 61.6 29.3 87.8
134 27.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 21.031 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:105 Resp: 138015
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9

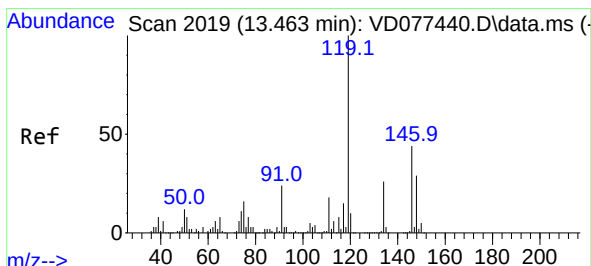
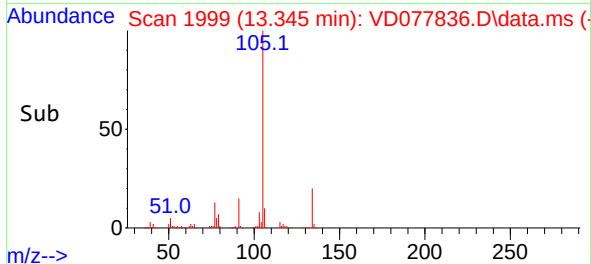
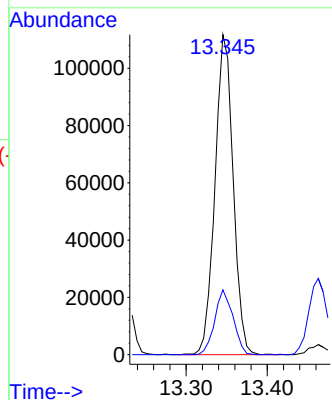
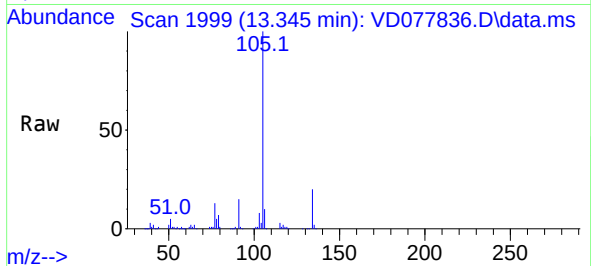




#85
 sec-Butylbenzene
 Concen: 21.234 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077836.D
 Acq: 12 Dec 2023 11:57

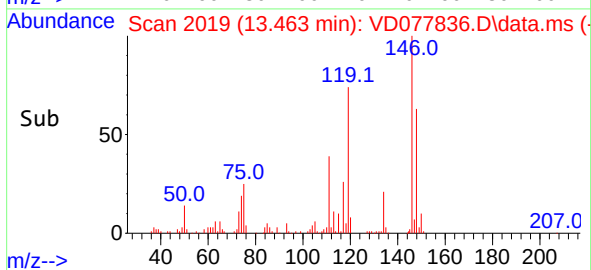
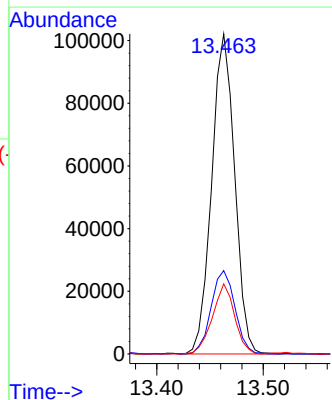
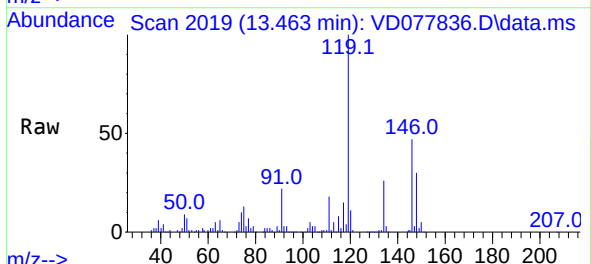
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBSD03

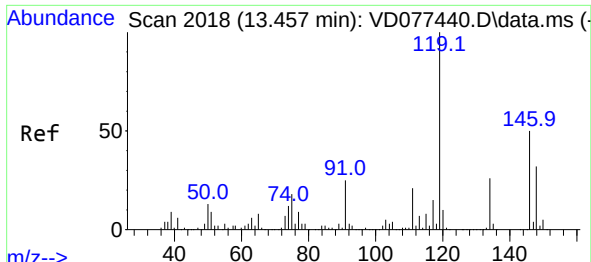
Tgt Ion:105 Resp: 173860
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.843 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077836.D
 Acq: 12 Dec 2023 11:57

Tgt Ion:119 Resp: 152797
 Ion Ratio Lower Upper
 119 100
 134 27.0 14.2 42.6
 91 21.2 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.962 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077836.D

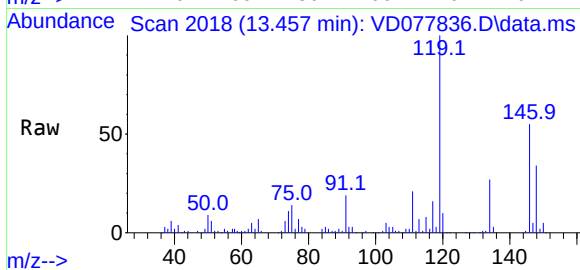
Acq: 12 Dec 2023 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBSD03



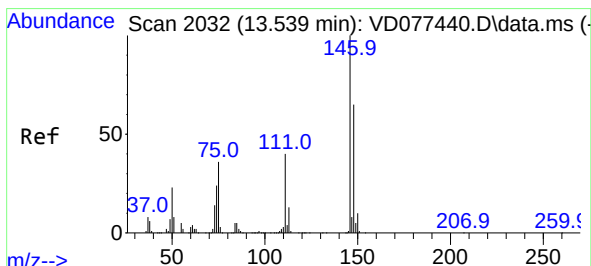
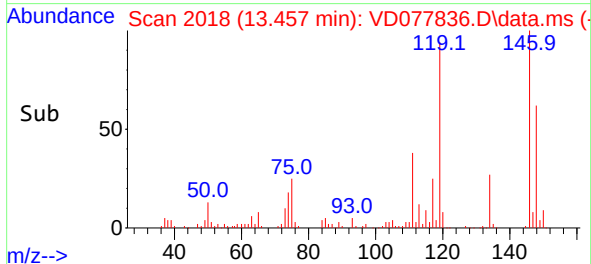
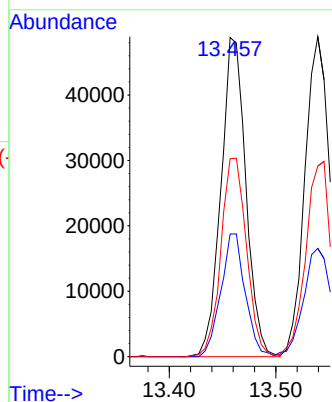
Tgt Ion:146 Resp: 79323

Ion Ratio Lower Upper

146 100

111 37.6 17.9 53.8

148 63.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.365 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

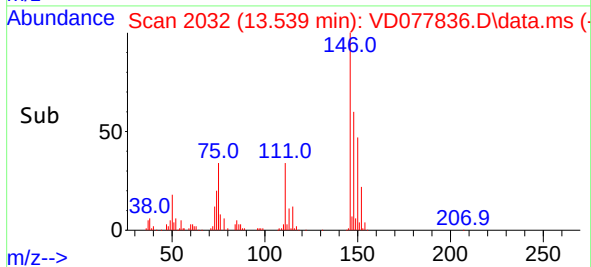
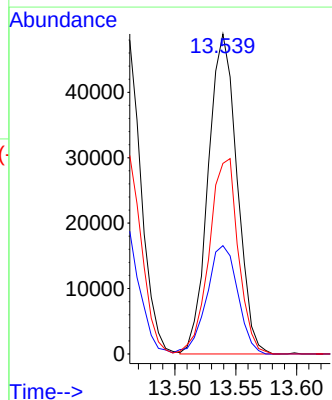
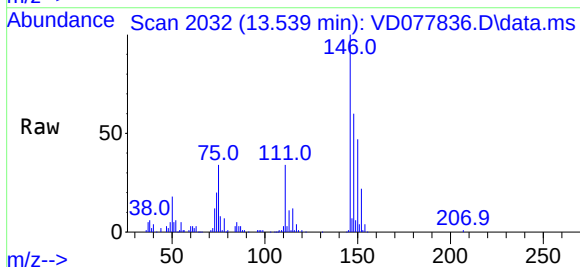
Tgt Ion:146 Resp: 80511

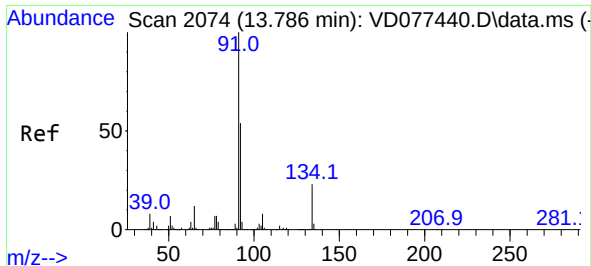
Ion Ratio Lower Upper

146 100

111 36.5 17.4 52.3

148 61.8 31.7 95.1

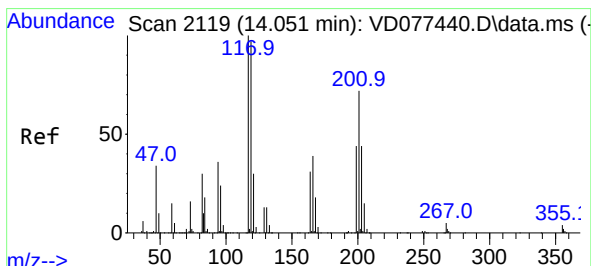
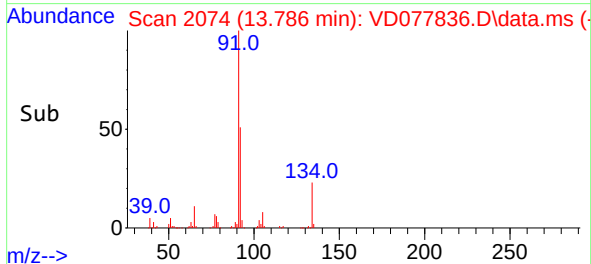
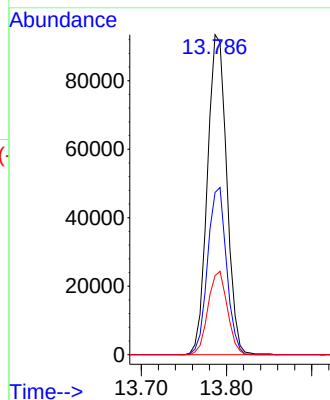
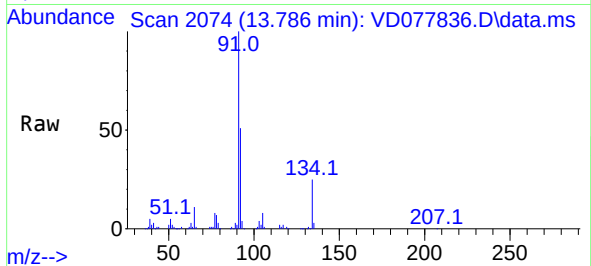




#89
n-Butylbenzene
Concen: 21.341 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

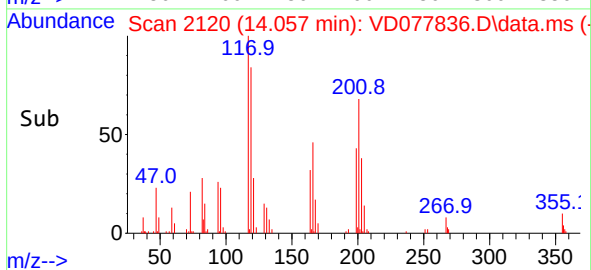
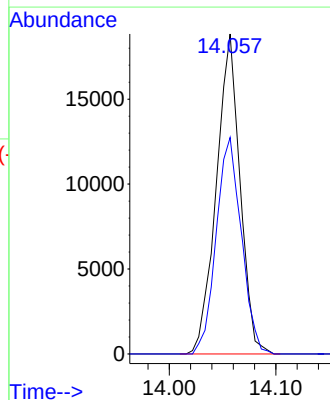
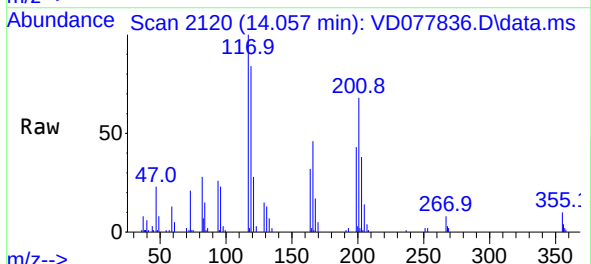
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

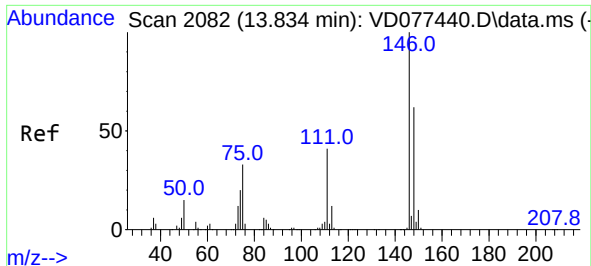
Tgt Ion: 91 Resp: 147214
Ion Ratio Lower Upper
91 100
92 51.2 26.5 79.5
134 26.0 13.8 41.3



#90
Hexachloroethane
Concen: 21.564 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion: 117 Resp: 29073
Ion Ratio Lower Upper
117 100
201 71.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.472 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBSD03

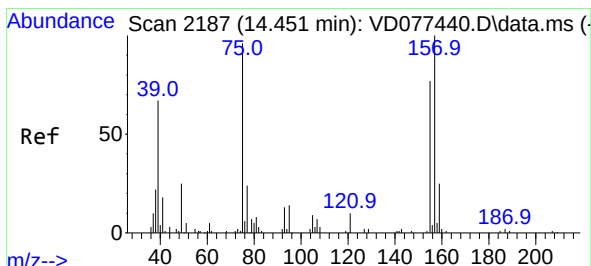
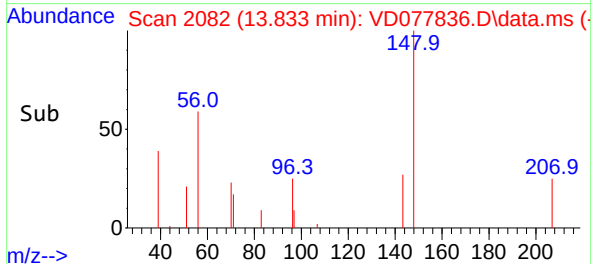
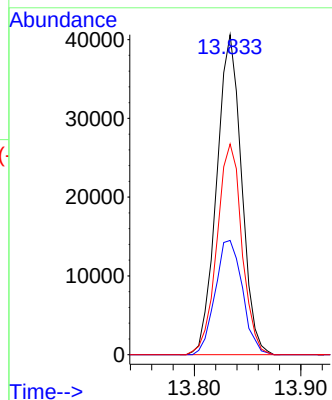
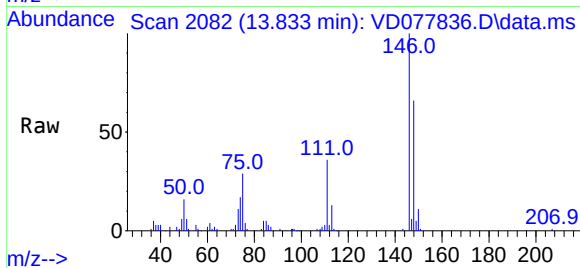
Tgt Ion:146 Resp: 65885

Ion Ratio Lower Upper

146 100

111 39.1 18.3 54.8

148 66.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.836 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

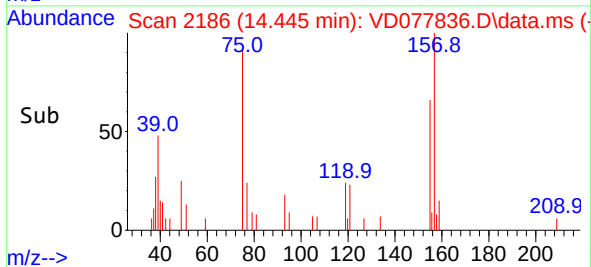
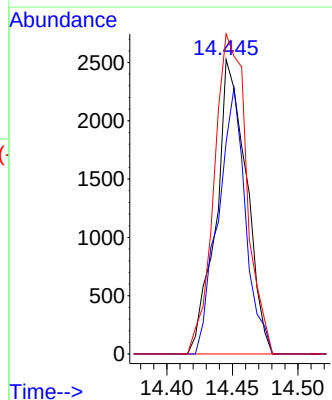
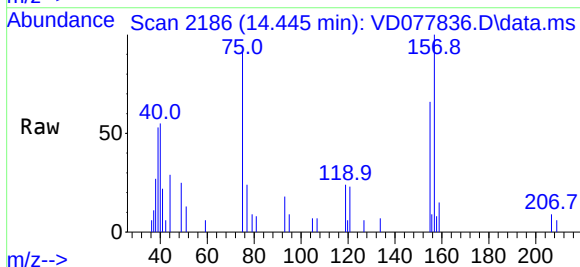
Tgt Ion: 75 Resp: 4059

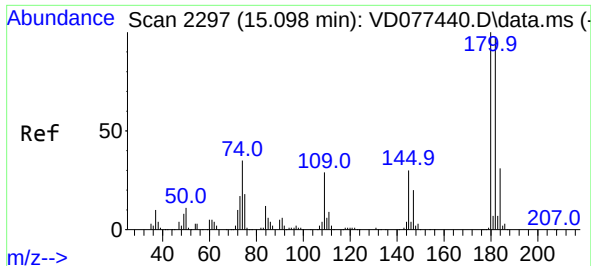
Ion Ratio Lower Upper

75 100

155 81.6 47.9 143.8

157 116.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.268 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBSD03

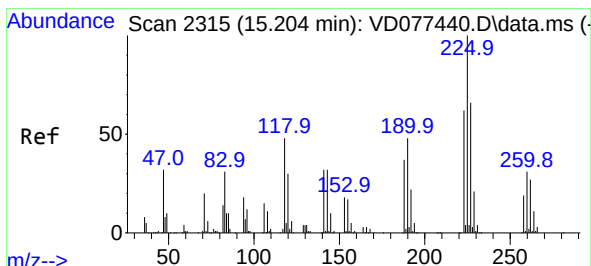
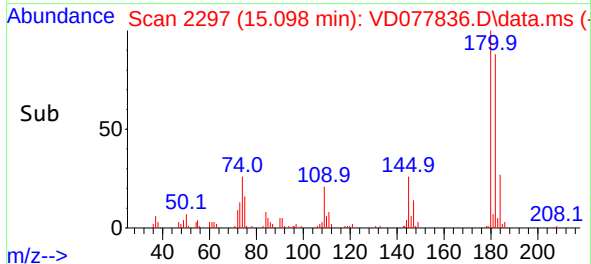
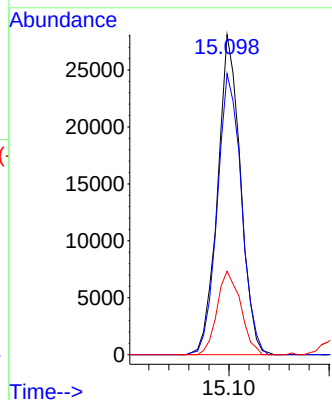
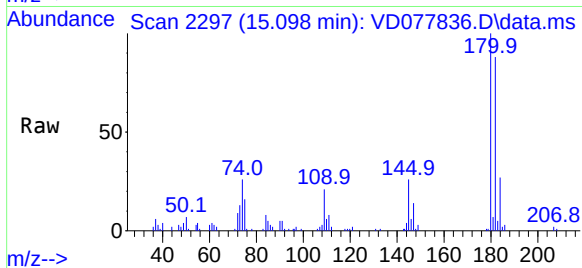
Tgt Ion:180 Resp: 44554

Ion Ratio Lower Upper

180 100

182 92.5 48.5 145.6

145 26.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.569 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077836.D

Acq: 12 Dec 2023 11:57

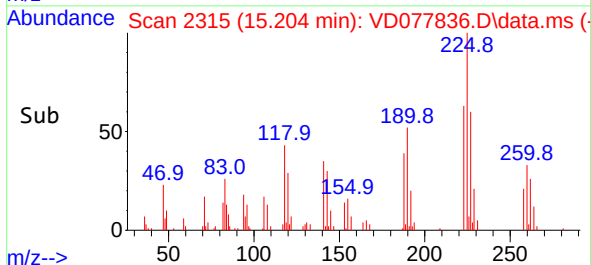
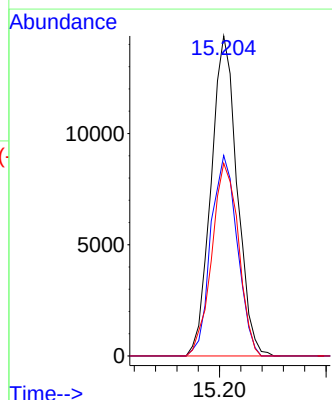
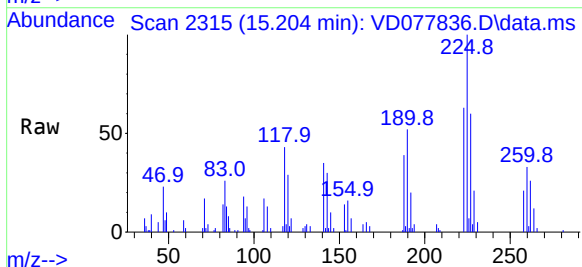
Tgt Ion:225 Resp: 24383

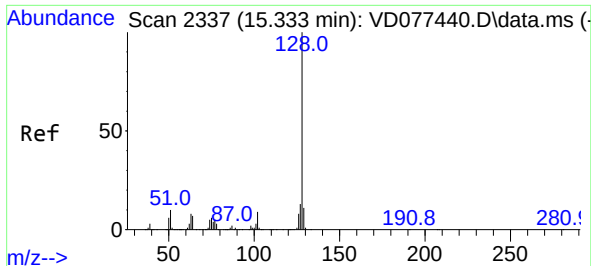
Ion Ratio Lower Upper

225 100

223 63.6 31.6 94.8

227 61.7 31.7 95.1

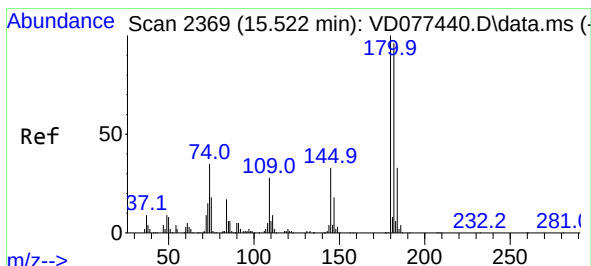
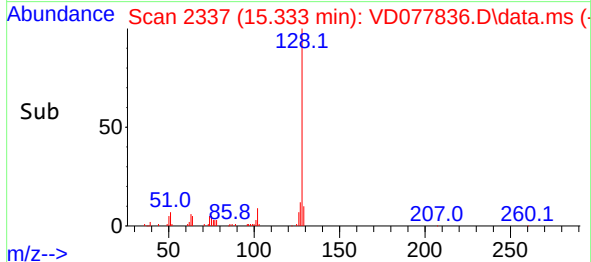
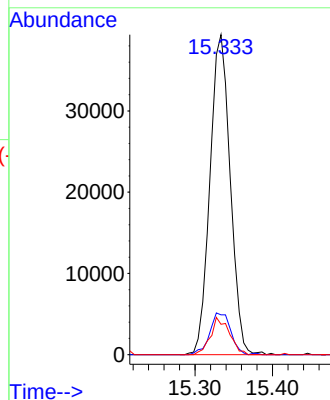
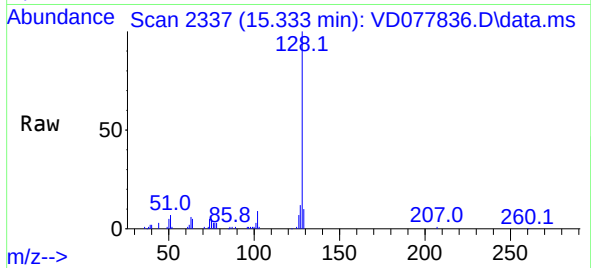




#95
Naphthalene
Concen: 19.603 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD03

Tgt Ion:	128	Resp:	71597
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	9.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.838 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077836.D
Acq: 12 Dec 2023 11:57

Tgt Ion:	180	Resp:	35951
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	31.0	15.1	45.3

