

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077834.D
 Acq On : 12 Dec 2023 11:04
 Operator : JC/SY
 Sample : VD1212SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 13:51:54 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	127494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	220091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	203535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74087	49.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.810	113	73751	47.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.680%
50) Toluene-d8	10.269	98	303930	49.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.575	95	87804	47.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37304	23.423	ug/l	93
3) Chloromethane	2.152	50	53023	24.425	ug/l	98
4) Vinyl Chloride	2.293	62	72880	24.730	ug/l	99
5) Bromomethane	2.693	94	45646	27.603	ug/l	95
6) Chloroethane	2.840	64	48365	24.072	ug/l	96
7) Trichlorofluoromethane	3.181	101	64973	23.938	ug/l	100
8) Diethyl Ether	3.599	74	18348	24.074	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.975	101	37484	24.140	ug/l	96
10) Methyl Iodide	4.169	142	32104	27.151	ug/l	92
11) Tert butyl alcohol	5.052	59	4375	51.524	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	37407	24.409	ug/l	87
13) Acrolein	3.805	56	15104	95.042	ug/l	89
14) Allyl chloride	4.563	41	47584	22.576	ug/l	90
15) Acrylonitrile	5.263	53	37940	116.266	ug/l	96
16) Acetone	4.022	43	53448	152.283	ug/l	91
17) Carbon Disulfide	4.281	76	119897	23.125	ug/l	100
18) Methyl Acetate	4.563	43	27876	23.560	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	77907	23.960	ug/l	100
20) Methylene Chloride	4.810	84	45634	23.037	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	41141	23.701	ug/l	89
22) Diisopropyl ether	6.222	45	106862	24.261	ug/l	95
23) Vinyl Acetate	6.157	43	252036	117.175	ug/l #	91
24) 1,1-Dichloroethane	6.122	63	70869	23.759	ug/l	97
25) 2-Butanone	7.087	43	58680	135.197	ug/l	93
26) 2,2-Dichloropropane	7.081	77	58462	23.344	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	46711	25.009	ug/l	91
28) Bromochloromethane	7.434	49	27584	22.886	ug/l #	75
29) Tetrahydrofuran	7.446	42	27570	115.244	ug/l	85
30) Chloroform	7.599	83	73475	24.613	ug/l	97
31) Cyclohexane	7.887	56	61754	23.110	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	62310	23.677	ug/l	97
36) 1,1-Dichloropropene	8.016	75	55990	22.705	ug/l	95
37) Ethyl Acetate	7.175	43	22709	23.617	ug/l #	93
38) Carbon Tetrachloride	7.999	117	56279	22.892	ug/l	94
39) Methylcyclohexane	9.281	83	68138	23.308	ug/l	97
40) Benzene	8.257	78	167436	23.923	ug/l	96

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Instrument :
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Quant Time: Dec 12 13:51:54 2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	13075	26.754	ug/l	87
42) 1,2-Dichloroethane	8.334	62	42376	23.358	ug/l	96
43) Isopropyl Acetate	8.369	43	37837	22.137	ug/l #	80
44) Trichloroethene	9.034	130	41381	22.688	ug/l	90
45) 1,2-Dichloropropane	9.304	63	40306	23.690	ug/l	94
46) Dibromomethane	9.398	93	21653	24.052	ug/l	90
47) Bromodichloromethane	9.587	83	54521	23.894	ug/l #	94
48) Methyl methacrylate	9.381	41	21548	22.177	ug/l #	81
49) 1,4-Dioxane	9.393	88	4224	472.527	ug/l #	76
51) 4-Methyl-2-Pentanone	10.163	43	100241	114.911	ug/l	88
52) Toluene	10.340	92	103995	23.954	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	51450	23.480	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	61833	23.340	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	28317	22.996	ug/l	96
56) Ethyl methacrylate	10.598	69	25522	23.512	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	49795	23.460	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.875	63	64282	103.841	ug/l	94
59) 2-Hexanone	10.922	43	88529	122.323	ug/l	86
60) Dibromochloromethane	11.075	129	34952	23.575	ug/l	98
61) 1,2-Dibromoethane	11.181	107	27356	23.600	ug/l	97
64) Tetrachloroethene	10.810	164	35358	23.636	ug/l	96
65) Chlorobenzene	11.610	112	109609	21.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	39271	23.203	ug/l	92
67) Ethyl Benzene	11.687	91	198661	23.444	ug/l	94
68) m/p-Xylenes	11.792	106	149859	46.235	ug/l	89
69) o-Xylene	12.122	106	67931	22.741	ug/l	90
70) Styrene	12.134	104	103643	23.333	ug/l	93
71) Bromoform	12.298	173	20300	22.955	ug/l #	98
73) Isopropylbenzene	12.422	105	187212	23.255	ug/l	96
74) N-amyl acetate	12.234	43	35423	22.385	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	32526	23.172	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	40104	43.474	ug/l #	100
77) Bromobenzene	12.704	156	43000	22.709	ug/l	92
78) n-propylbenzene	12.763	91	229189	23.364	ug/l	96
79) 2-Chlorotoluene	12.851	91	123584	23.508	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	153674	22.888	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	10485	23.028	ug/l	95
82) 4-Chlorotoluene	12.945	91	127380	23.178	ug/l	96
83) tert-Butylbenzene	13.169	119	133662	23.581	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	154617	23.024	ug/l	97
85) sec-Butylbenzene	13.345	105	195474	23.330	ug/l	95
86) p-Isopropyltoluene	13.463	119	175072	23.338	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	87421	22.576	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	90131	22.435	ug/l	98
89) n-Butylbenzene	13.786	91	162774	23.060	ug/l	99
90) Hexachloroethane	14.057	117	33349	24.173	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	74891	22.741	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4774	22.948	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	49209	21.876	ug/l	98
94) Hexachlorobutadiene	15.204	225	27334	22.534	ug/l	99
95) Naphthalene	15.333	128	83605	22.369	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	41334	22.289	ug/l	97

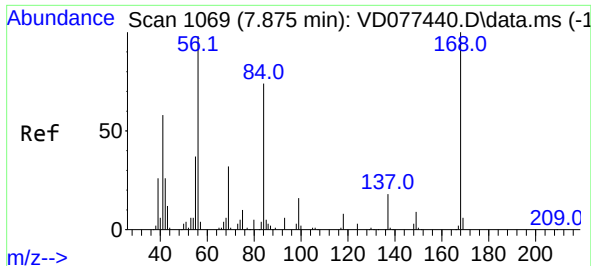
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
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Response via : Initial Calibration

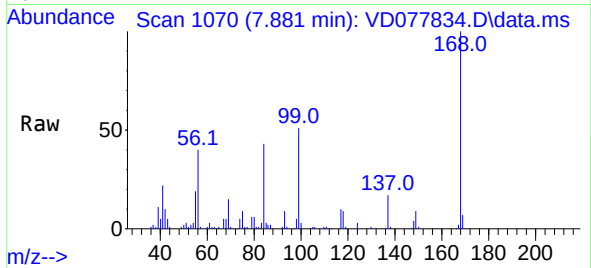
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

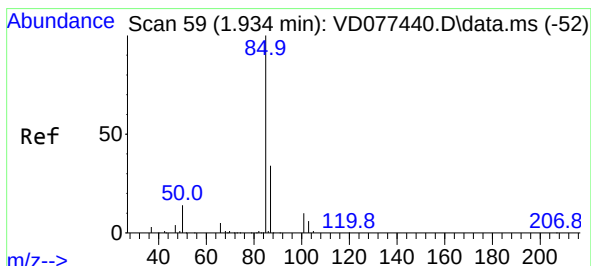
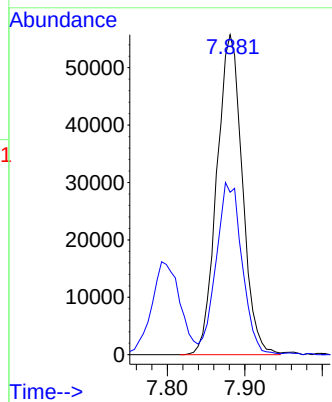
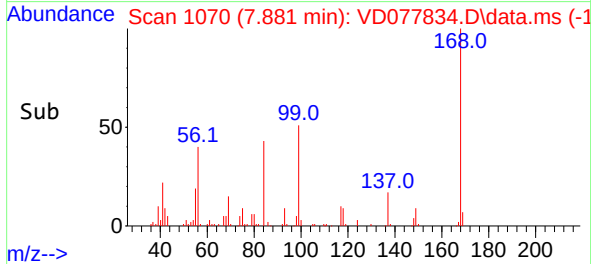


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

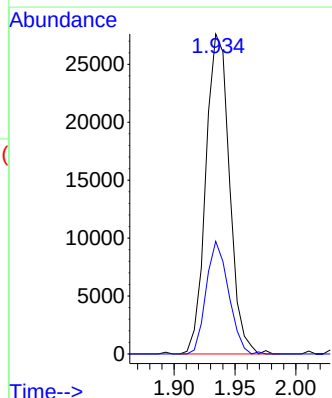
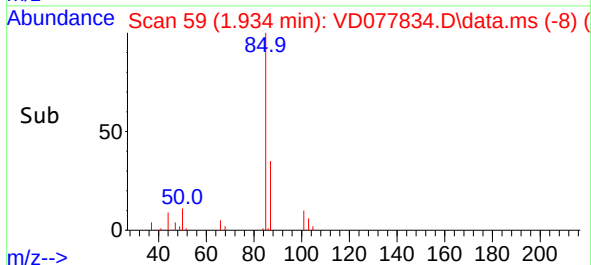
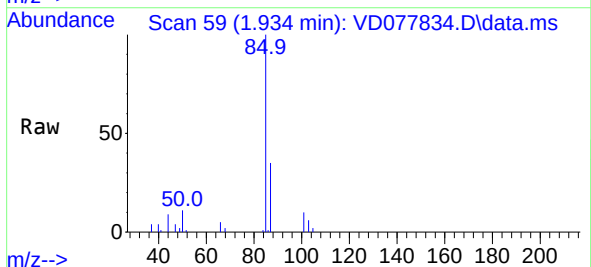


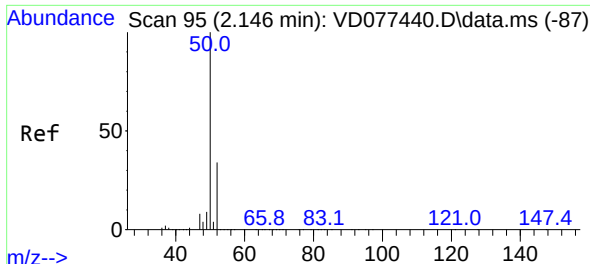
Tgt Ion:168 Resp: 127494
Ion Ratio Lower Upper
168 100
99 50.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 23.423 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 85 Resp: 37304
Ion Ratio Lower Upper
85 100
87 35.2 15.7 47.0

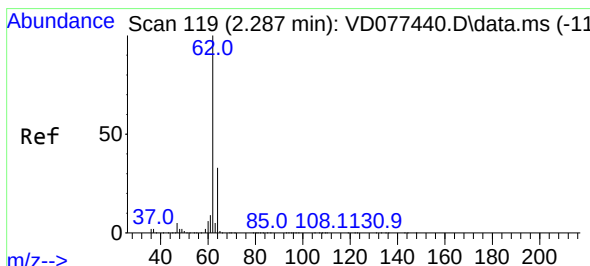
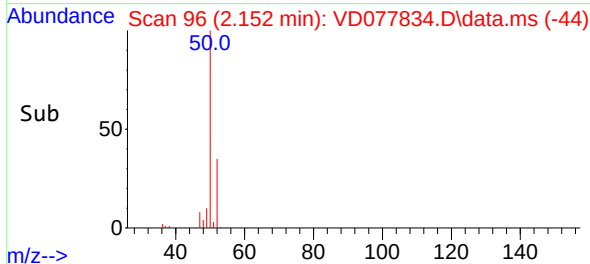
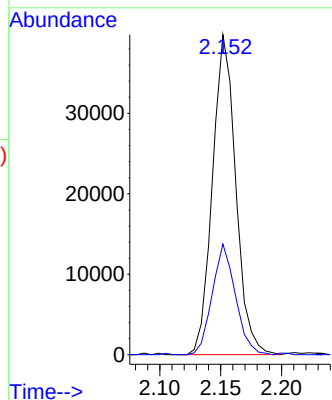
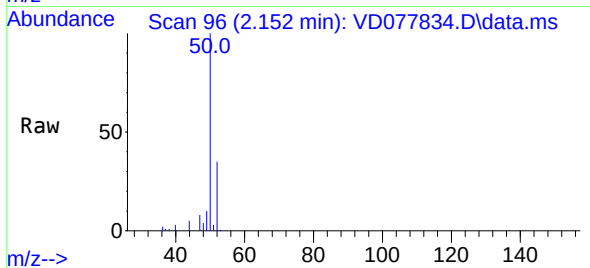




#3
Chloromethane
Concen: 24.425 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

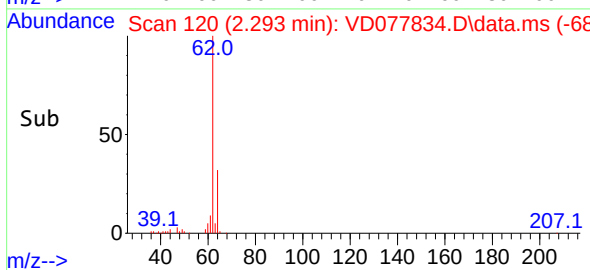
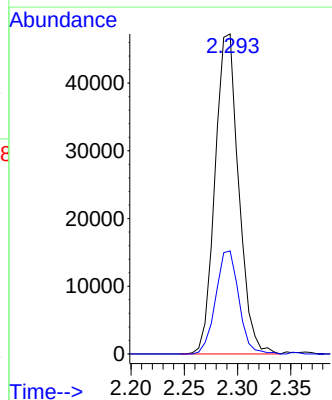
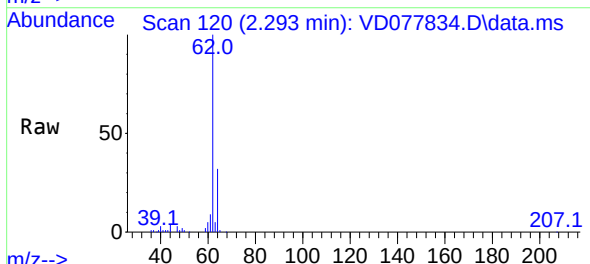
Instrument :
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ClientSampleId :

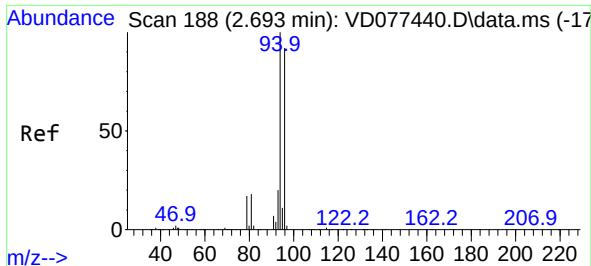
Tgt Ion: 50 Resp: 53023
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0



#4
Vinyl Chloride
Concen: 24.730 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 62 Resp: 72880
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

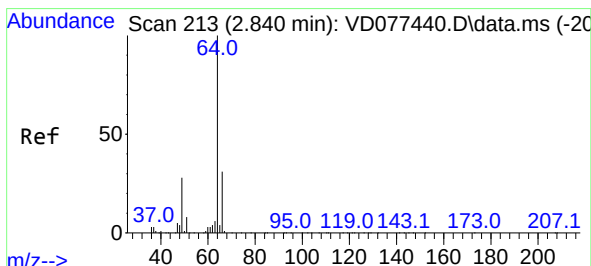
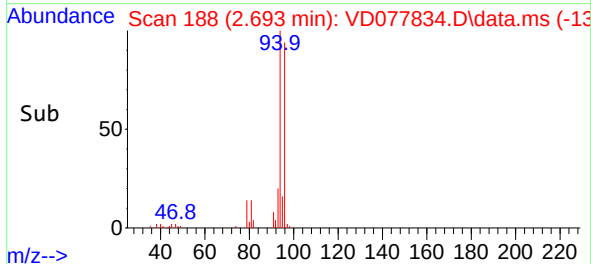
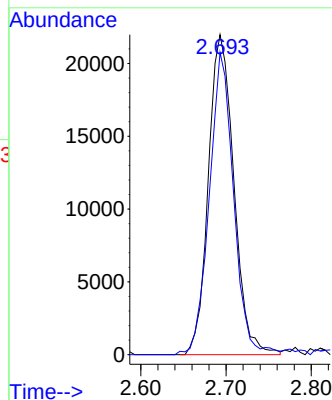
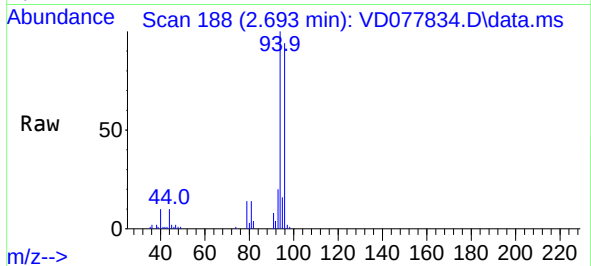




#5
Bromomethane
Concen: 27.603 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

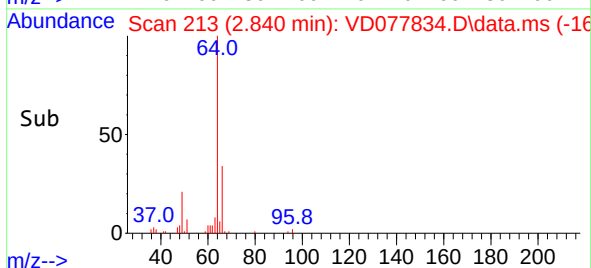
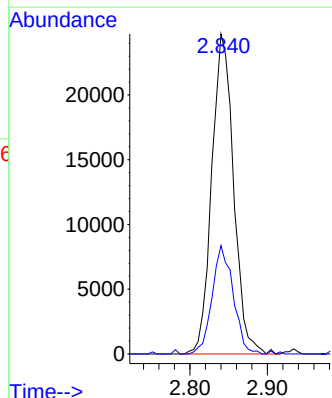
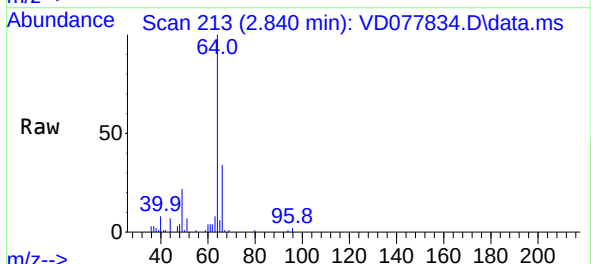
Instrument :
MSVOA_D
ClientSampleId :

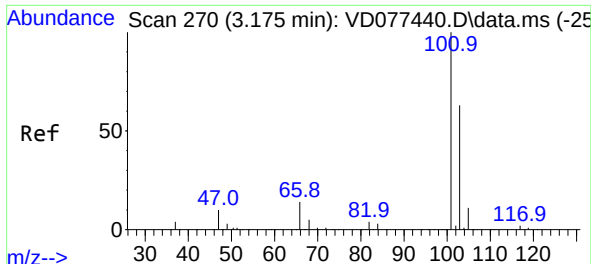
Tgt Ion: 94 Resp: 45646
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.8



#6
Chloroethane
Concen: 24.072 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 64 Resp: 48365
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3

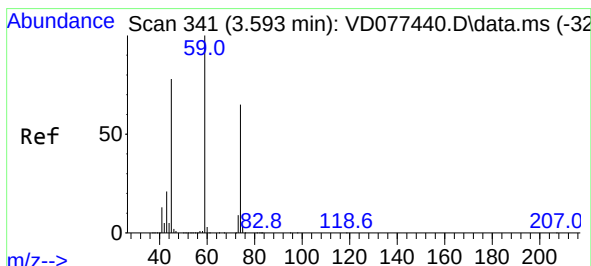
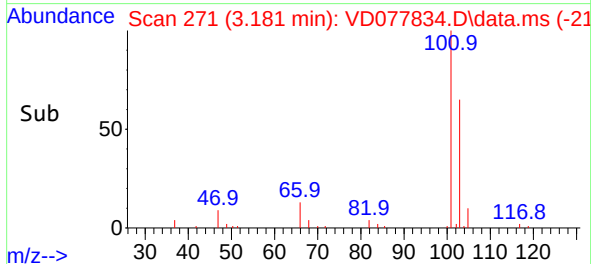
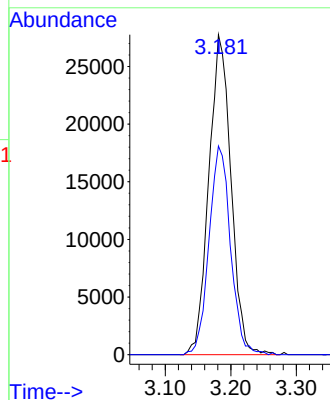
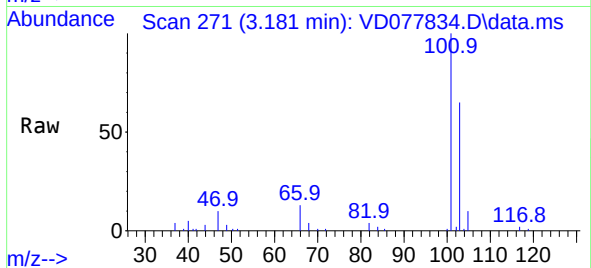




#7
Trichlorofluoromethane
Concen: 23.938 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

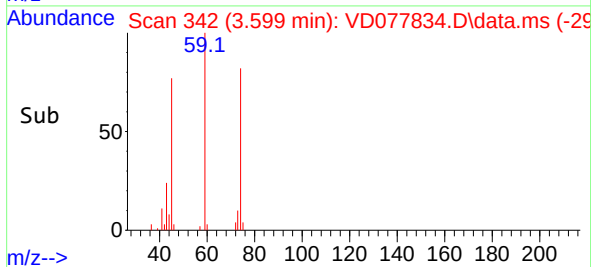
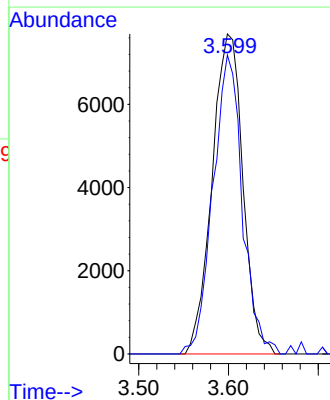
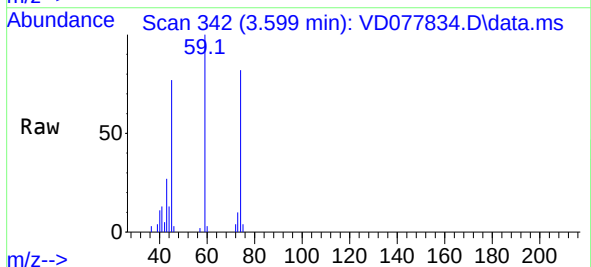
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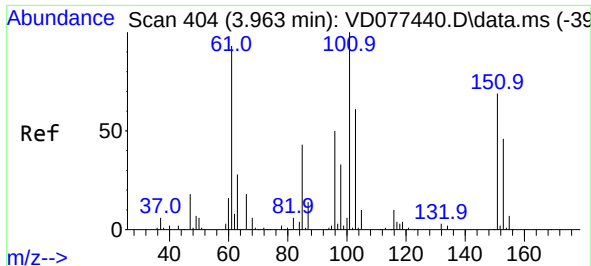
Tgt Ion:101 Resp: 64973
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5



#8
Diethyl Ether
Concen: 24.074 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 74 Resp: 18348
Ion Ratio Lower Upper
74 100
45 88.9 37.5 112.7

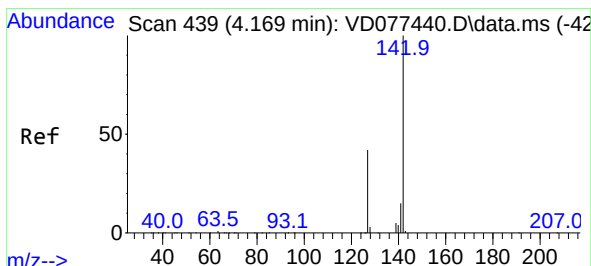
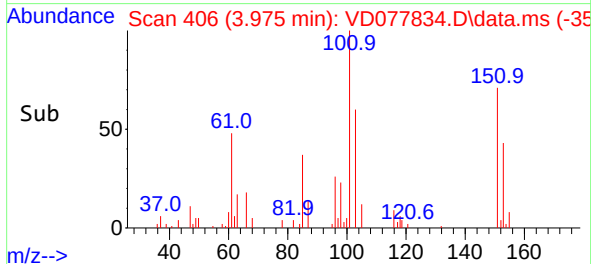
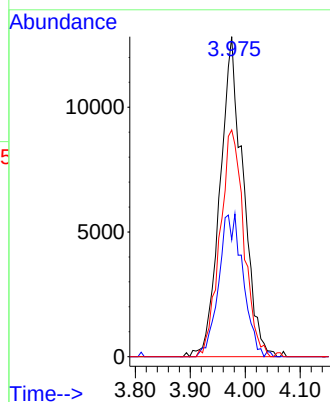
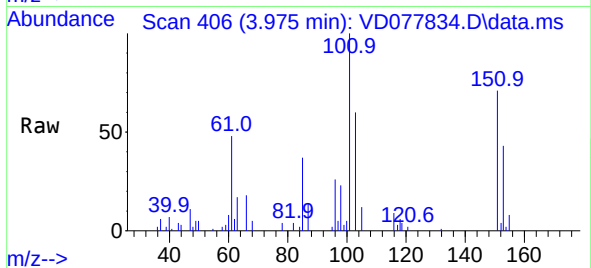




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.140 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

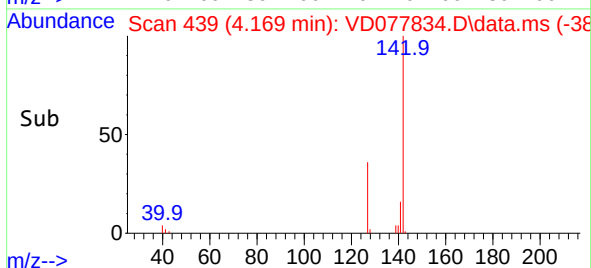
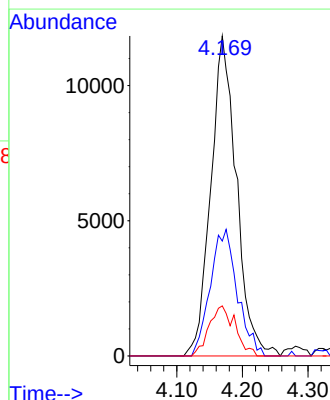
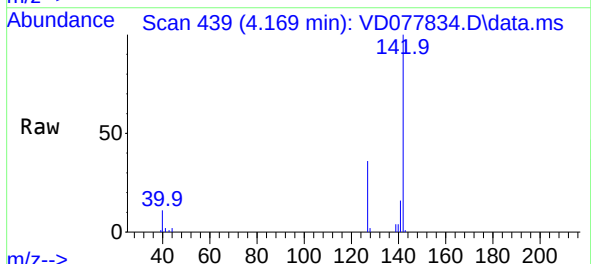
Instrument :
MSVOA_D
ClientSampleId :

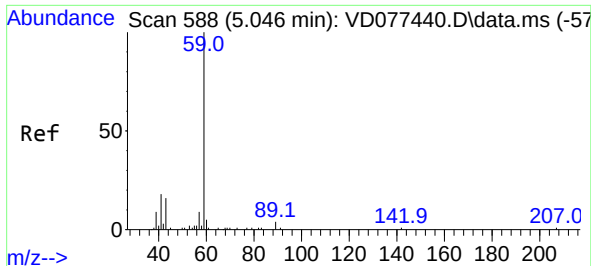
Tgt Ion:101 Resp: 37484
Ion Ratio Lower Upper
101 100
85 46.8 33.8 50.6
151 73.1 59.8 89.6



#10
Methyl Iodide
Concen: 27.151 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion:142 Resp: 32104
Ion Ratio Lower Upper
142 100
127 41.9 29.4 44.0
141 16.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 51.524 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

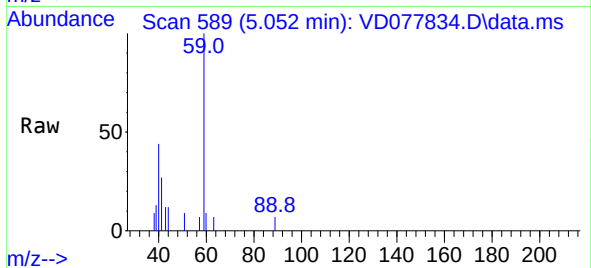
Lab File: VD077834.D

Acq: 12 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

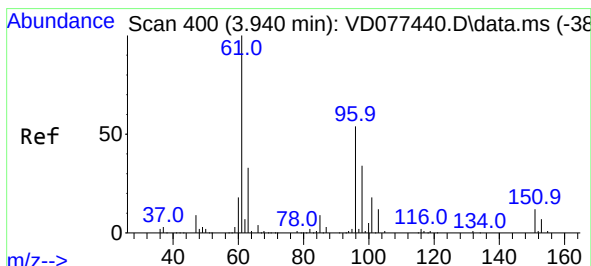
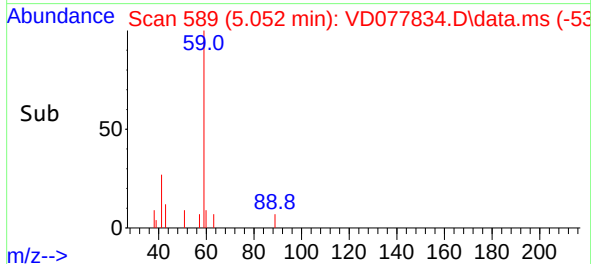
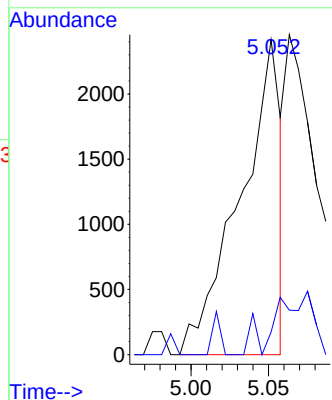


Tgt Ion: 59 Resp: 4375

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 24.409 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD077834.D

Acq: 12 Dec 2023 11:04

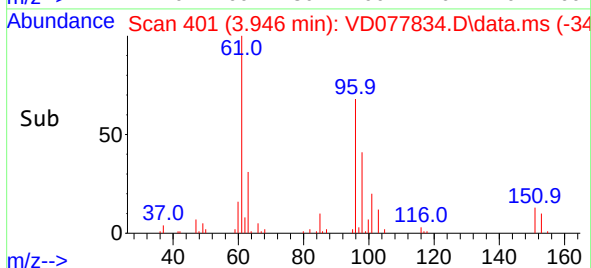
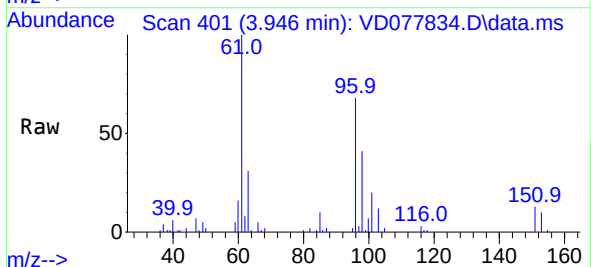
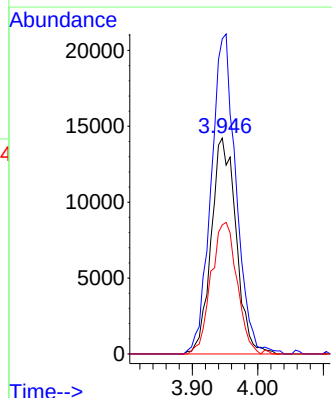
Tgt Ion: 96 Resp: 37407

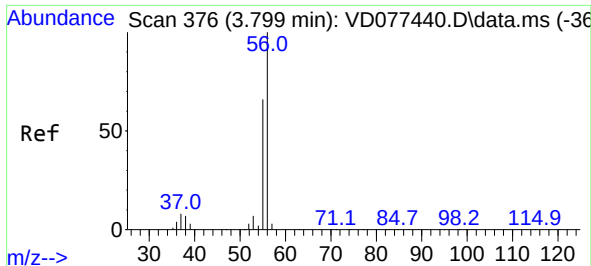
Ion Ratio Lower Upper

96 100

61 146.1 100.6 150.8

98 59.9 50.2 75.2

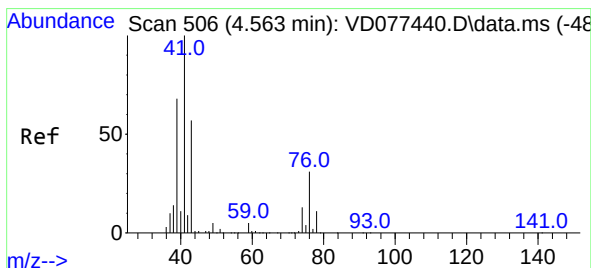
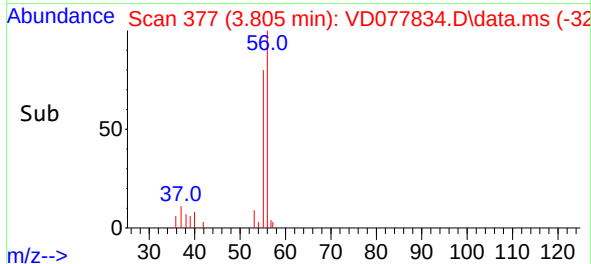
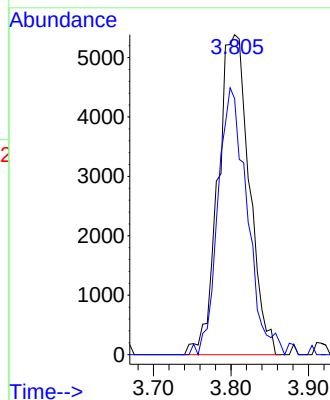
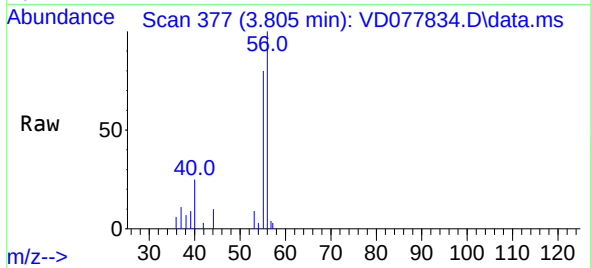




#13
Acrolein
Concen: 95.042 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

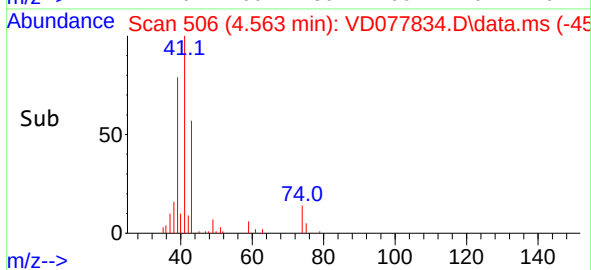
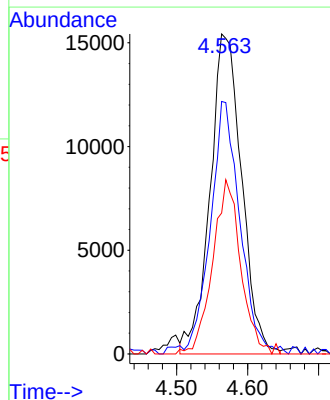
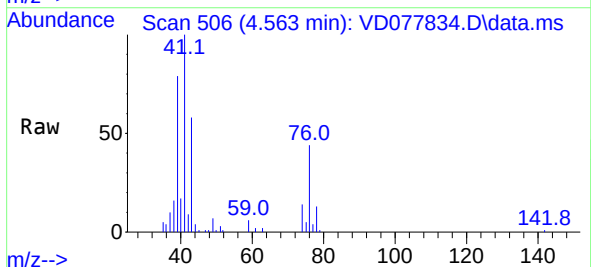
Instrument :
MSVOA_D
ClientSampleId :

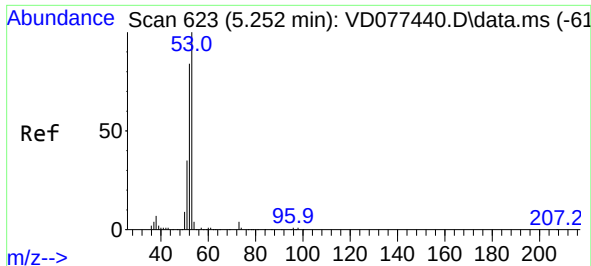
Tgt Ion: 56 Resp: 15104
Ion Ratio Lower Upper
56 100
55 78.0 55.1 82.7



#14
Allyl chloride
Concen: 22.576 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

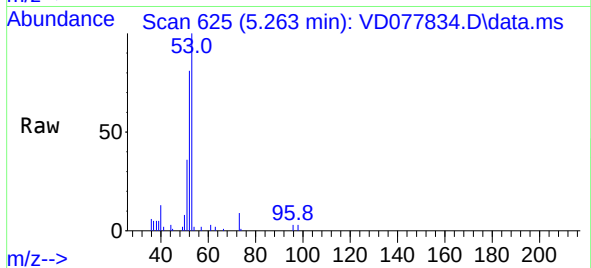
Tgt Ion: 41 Resp: 47584
Ion Ratio Lower Upper
41 100
39 73.8 53.8 80.6
76 48.3 45.8 68.8



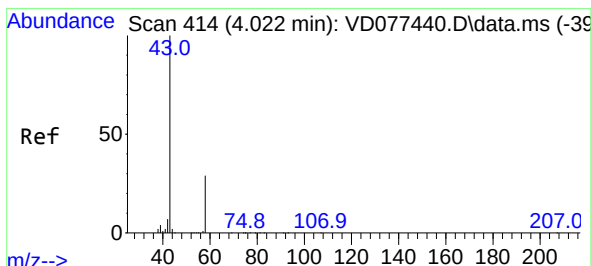
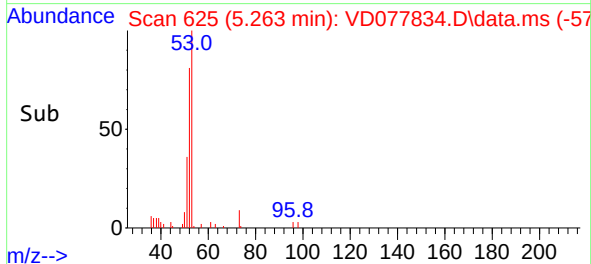
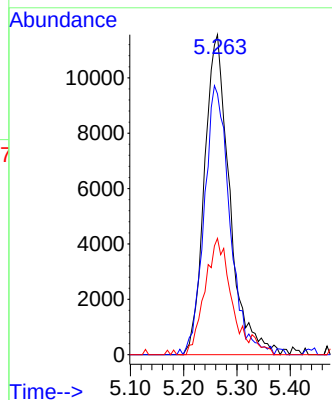


#15
Acrylonitrile
Concen: 116.266 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

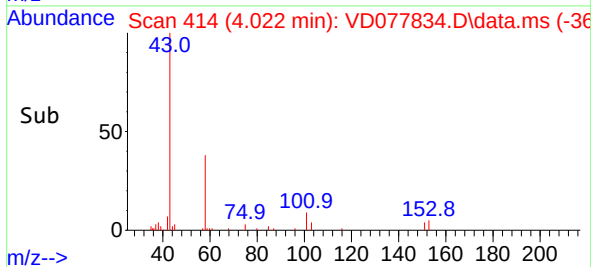
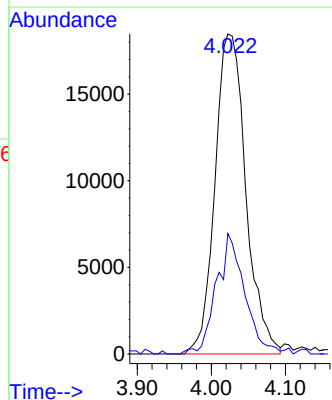
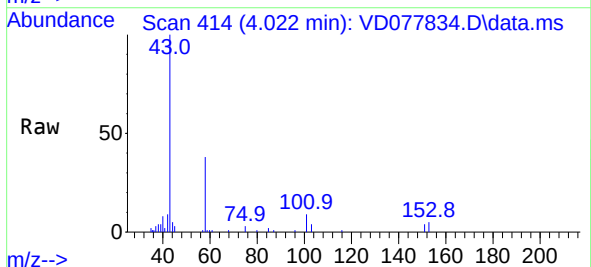


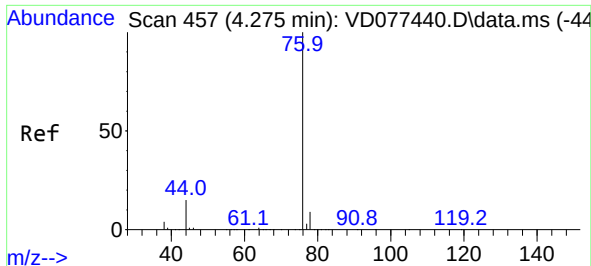
Tgt Ion: 53 Resp: 37940
Ion Ratio Lower Upper
53 100
52 85.6 65.0 97.4
51 37.2 28.3 42.5



#16
Acetone
Concen: 152.283 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 43 Resp: 53448
Ion Ratio Lower Upper
43 100
58 37.6 34.7 52.1

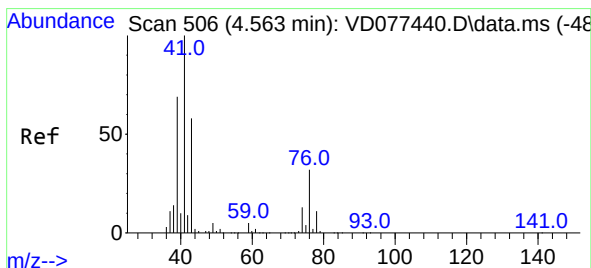
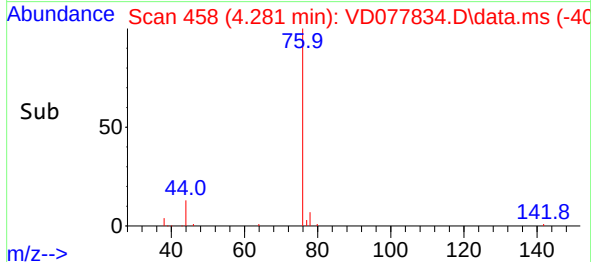
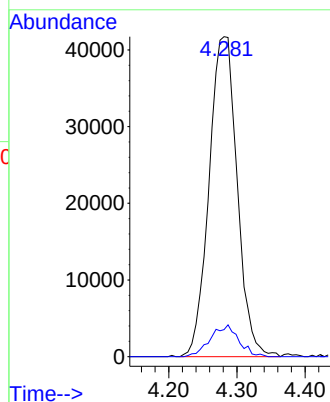
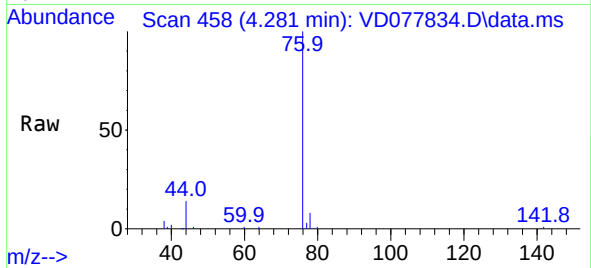




#17
Carbon Disulfide
Concen: 23.125 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

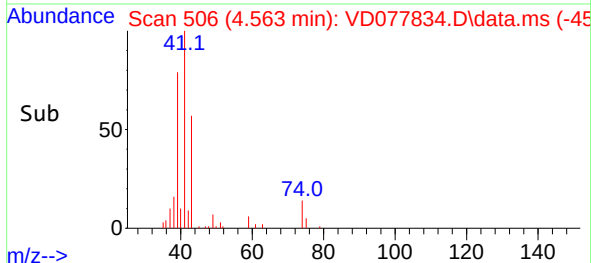
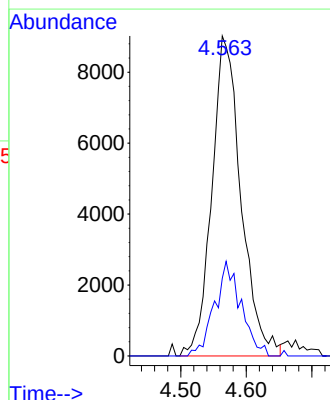
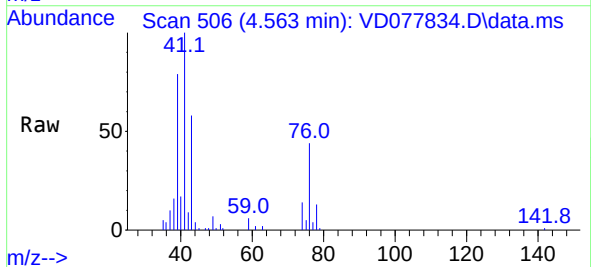
Instrument :
MSVOA_D
ClientSampleId :

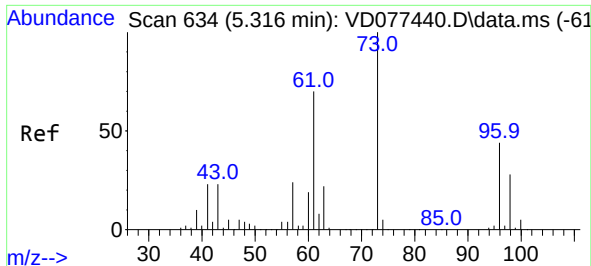
Tgt Ion: 76 Resp: 119897
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 23.560 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 43 Resp: 27876
Ion Ratio Lower Upper
43 100
74 26.7 26.4 39.6

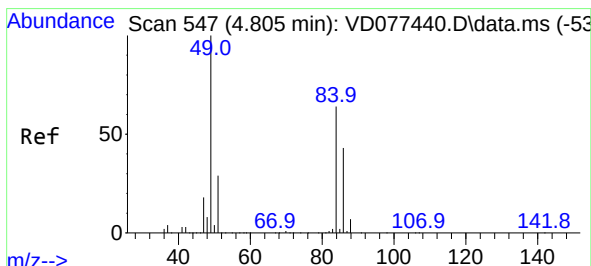
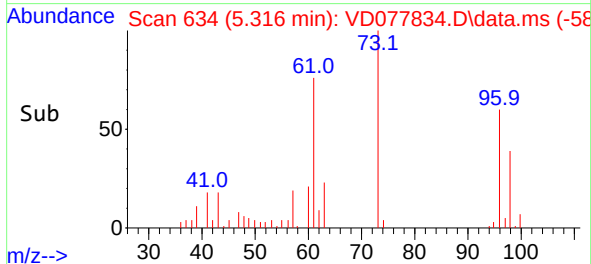
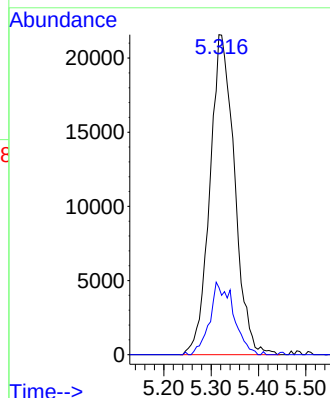
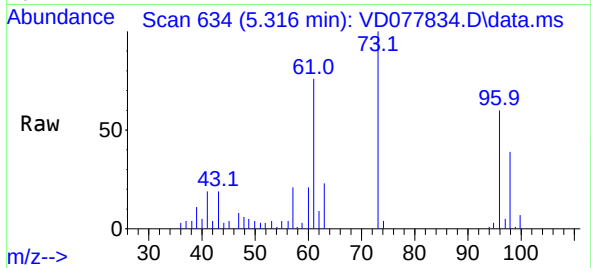




#19
Methyl tert-butyl Ether
Concen: 23.960 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

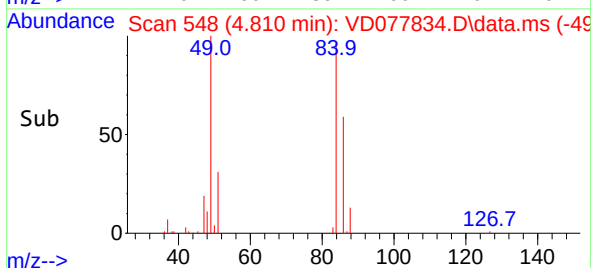
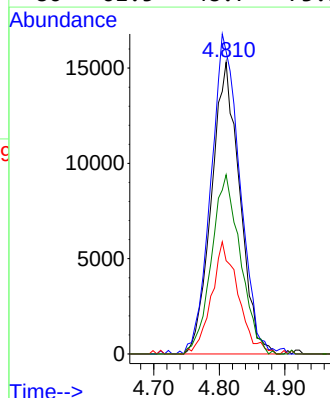
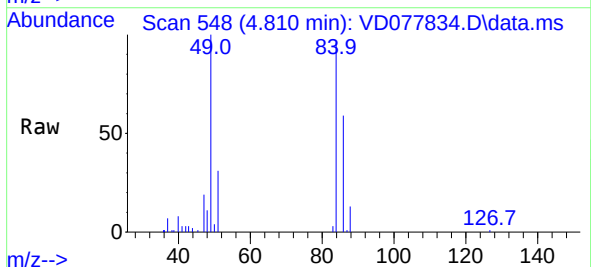
Instrument :
MSVOA_D
ClientSampleId :

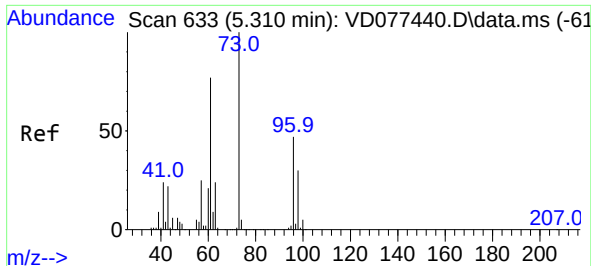
Tgt Ion: 73 Resp: 77907
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#20
Methylene Chloride
Concen: 23.037 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

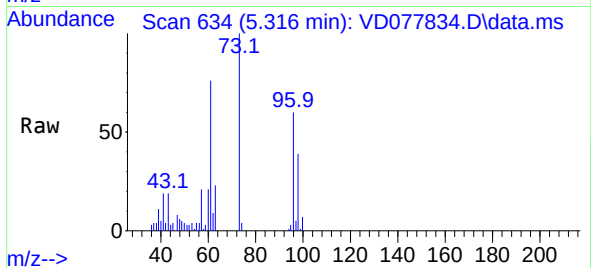
Tgt Ion: 84 Resp: 45634
Ion Ratio Lower Upper
84 100
49 102.7 71.4 107.2
51 32.0 24.5 36.7
86 61.5 48.7 73.1



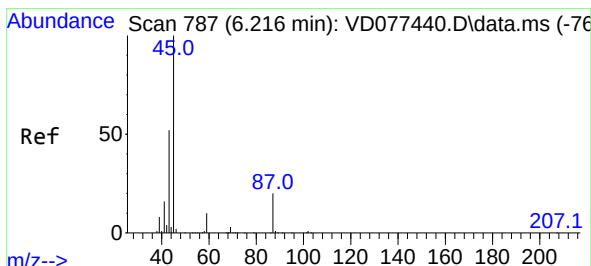
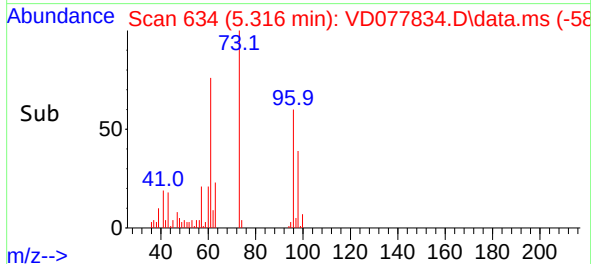
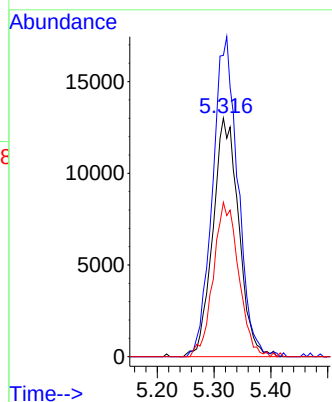


#21
trans-1,2-Dichloroethene
Concen: 23.701 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

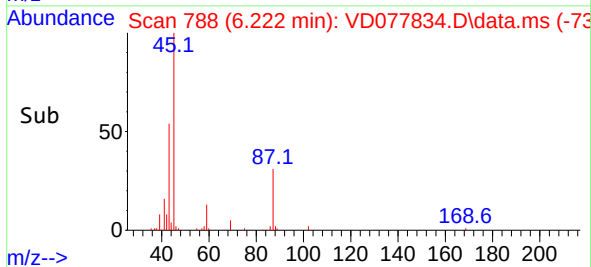
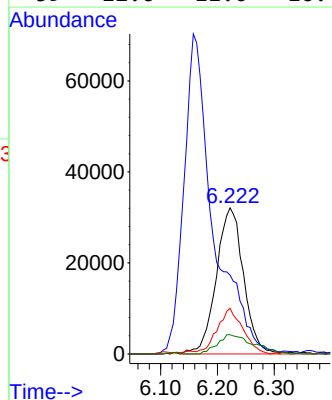
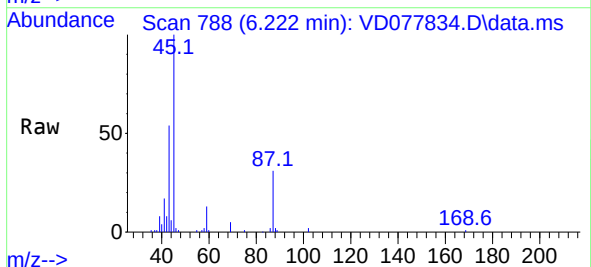


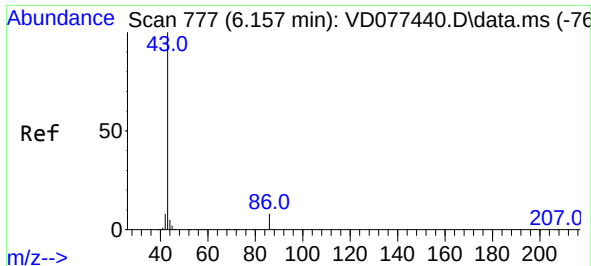
Tgt Ion: 96 Resp: 41141
Ion Ratio Lower Upper
96 100
61 126.2 89.3 133.9
98 64.6 48.6 73.0



#22
Diisopropyl ether
Concen: 24.261 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

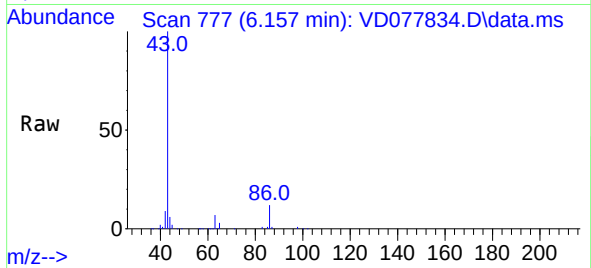
Tgt Ion: 45 Resp: 106862
Ion Ratio Lower Upper
45 100
43 52.4 40.0 60.0
87 31.3 28.2 42.4
59 12.6 11.0 16.4



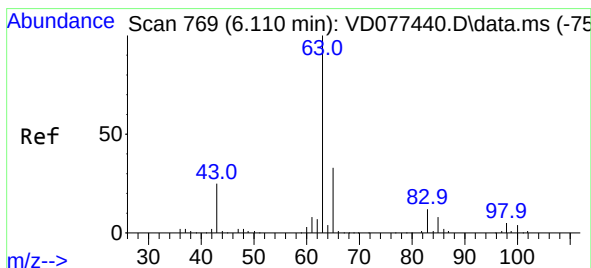
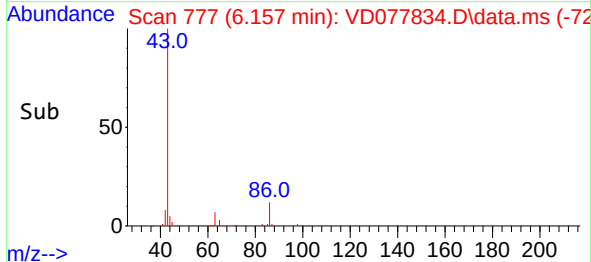
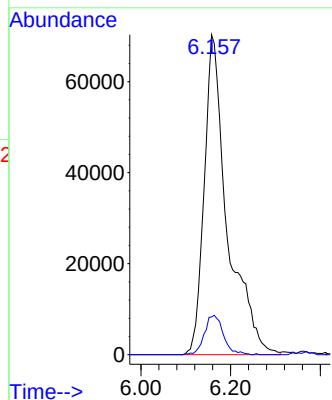


#23
 Vinyl Acetate
 Concen: 117.175 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD077834.D
 Acq: 12 Dec 2023 11:04

Instrument :
 MSVOA_D
 ClientSampleId :

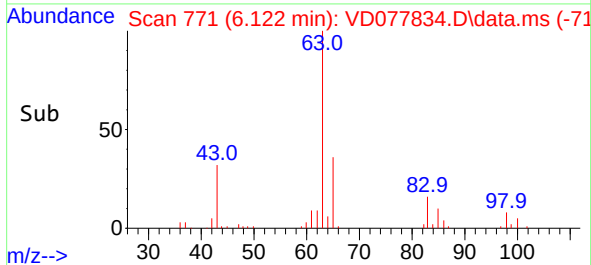
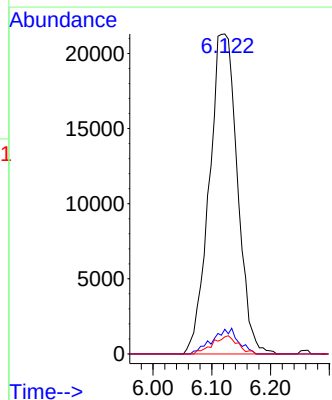
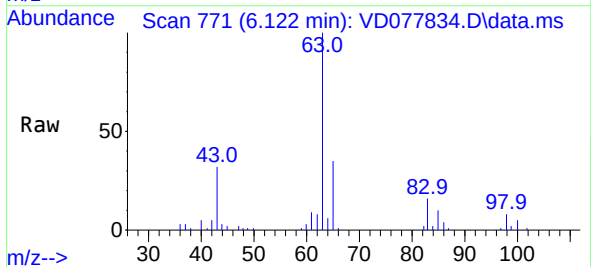


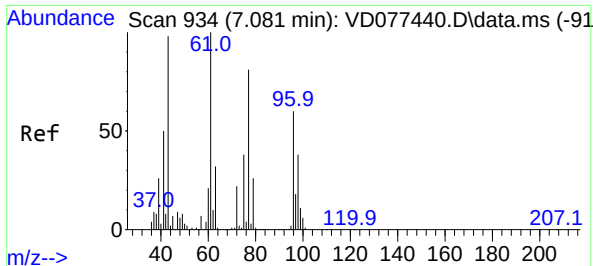
Tgt Ion: 43 Resp: 252036
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 23.759 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077834.D
 Acq: 12 Dec 2023 11:04

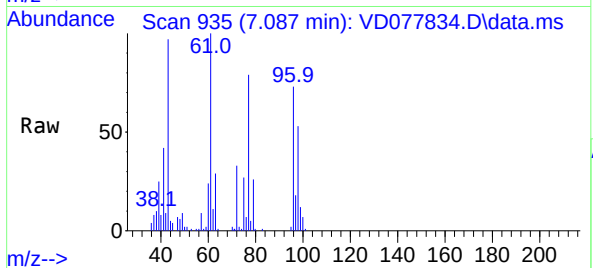
Tgt Ion: 63 Resp: 70869
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 5.3 2.5 7.5



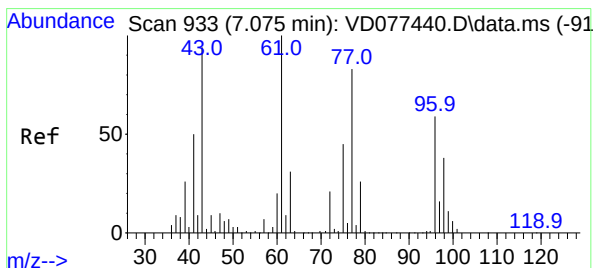
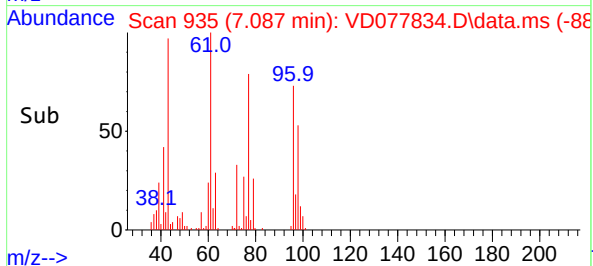
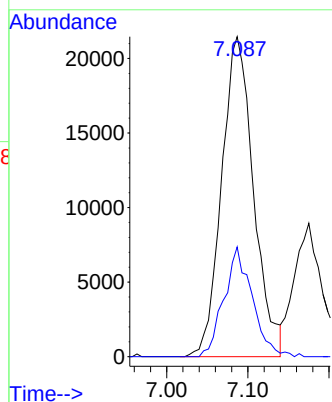


#25
2-Butanone
Concen: 135.197 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

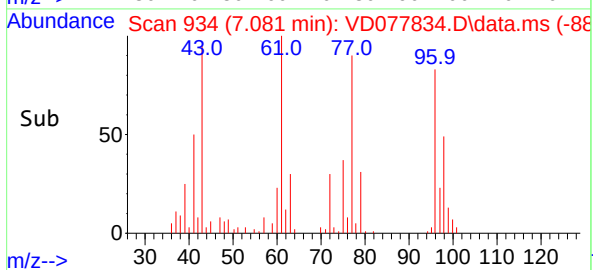
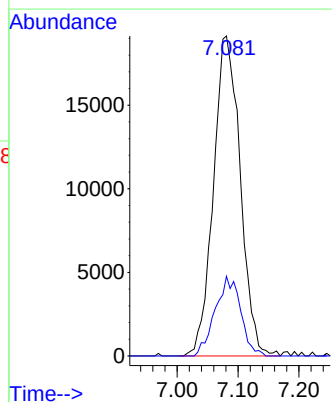
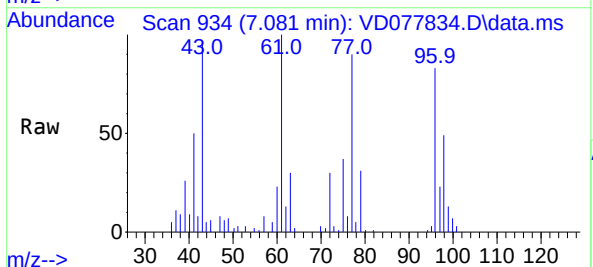


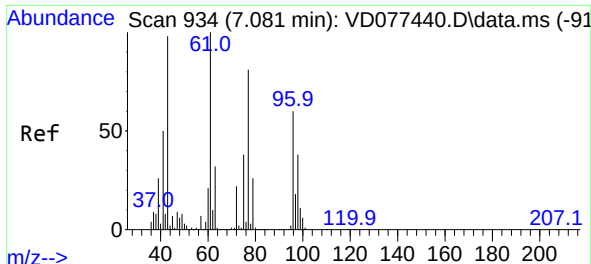
Tgt Ion: 43 Resp: 58680
Ion Ratio Lower Upper
43 100
72 34.3 30.7 46.1



#26
2,2-Dichloropropane
Concen: 23.344 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

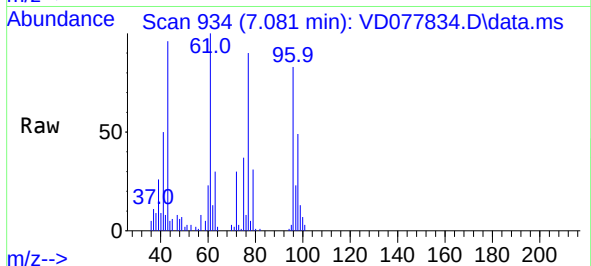
Tgt Ion: 77 Resp: 58462
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6



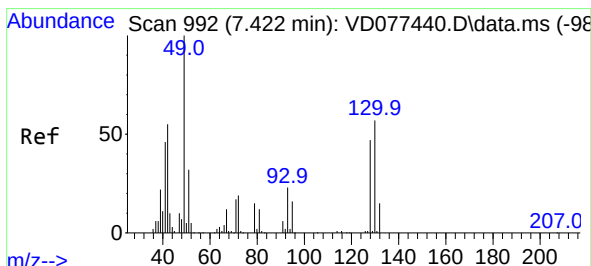
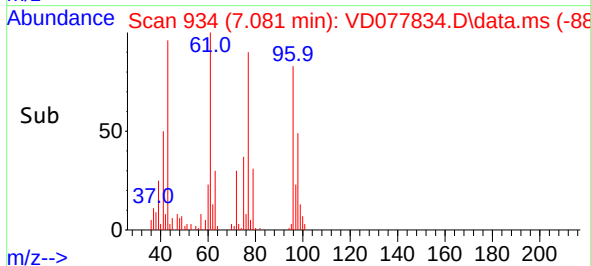
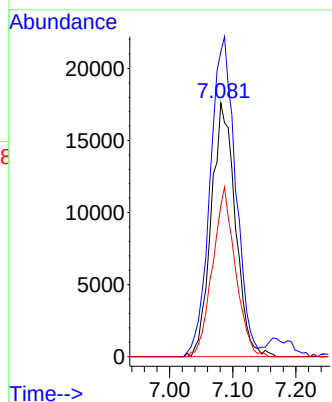


#27
cis-1,2-Dichloroethene
Concen: 25.009 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

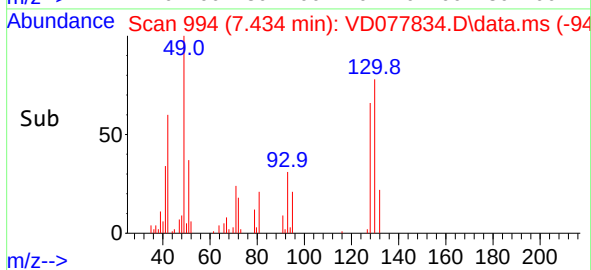
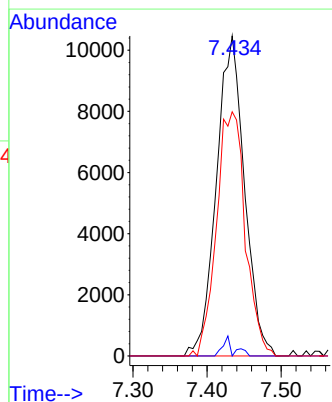
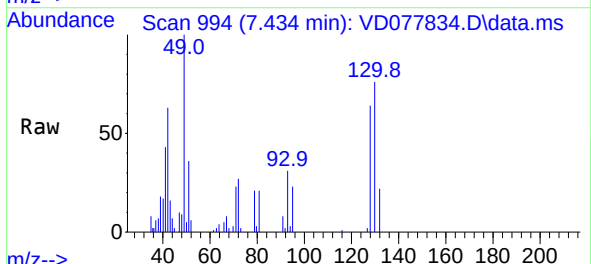


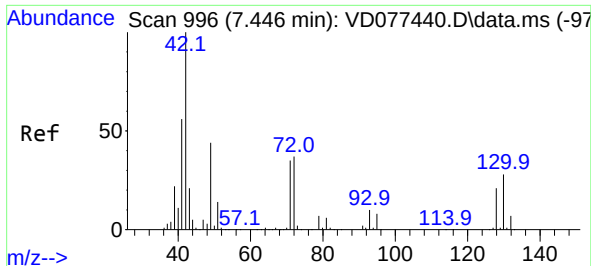
Tgt Ion: 96 Resp: 46711
Ion Ratio Lower Upper
96 100
61 133.7 0.0 239.2
98 63.3 0.0 128.6



#28
Bromochloromethane
Concen: 22.886 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 49 Resp: 27584
Ion Ratio Lower Upper
49 100
129 1.8 0.0 6.0
130 77.9 83.2 124.8#





#29

Tetrahydrofuran

Concen: 115.244 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

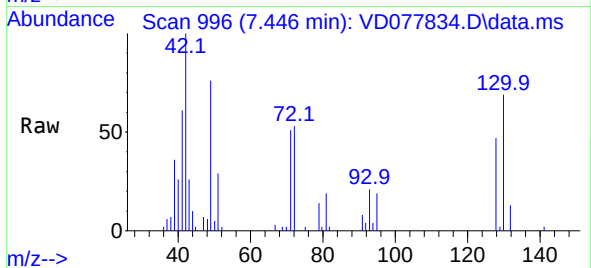
Lab File: VD077834.D

Acq: 12 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :



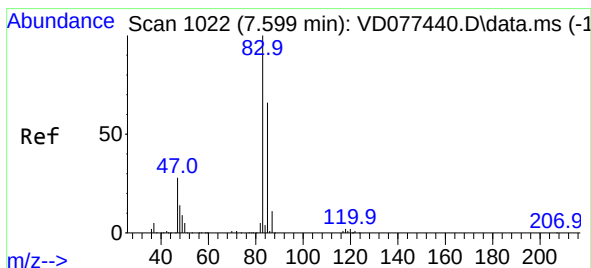
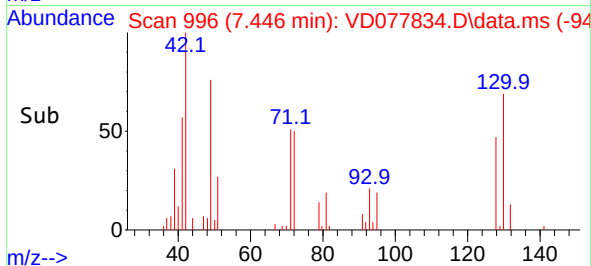
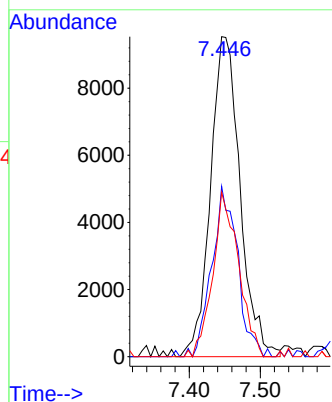
Tgt Ion: 42 Resp: 27570

Ion Ratio Lower Upper

42 100

72 46.5 46.5 69.7

71 45.0 44.5 66.7



#30

Chloroform

Concen: 24.613 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077834.D

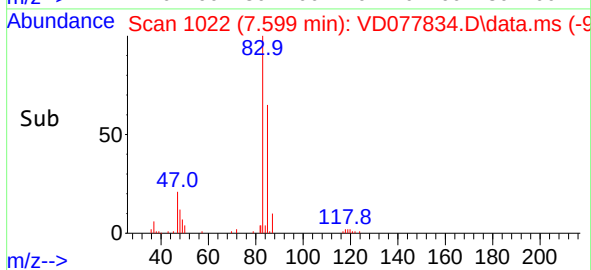
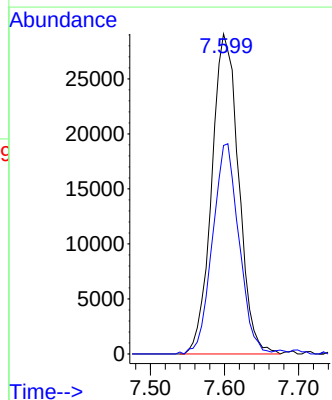
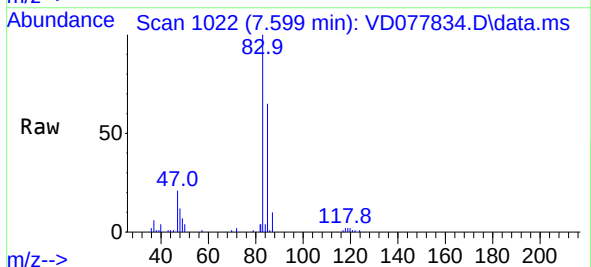
Acq: 12 Dec 2023 11:04

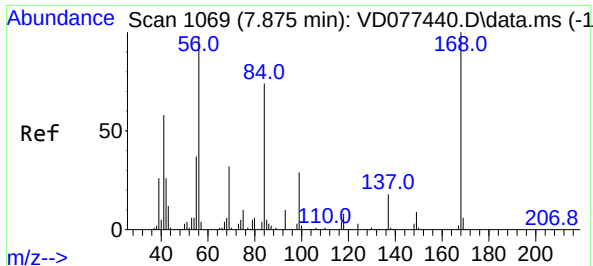
Tgt Ion: 83 Resp: 73475

Ion Ratio Lower Upper

83 100

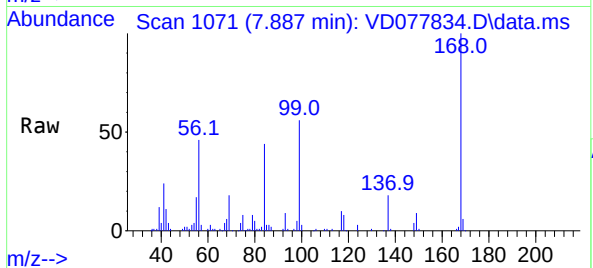
85 64.6 53.4 80.2



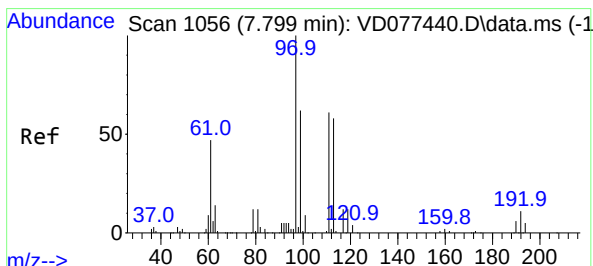
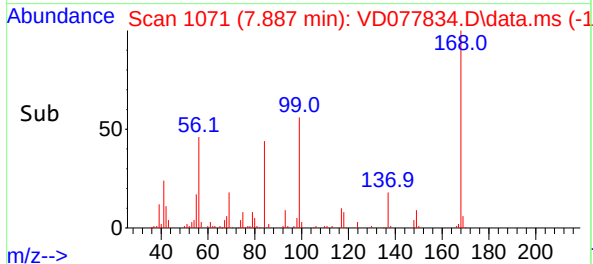
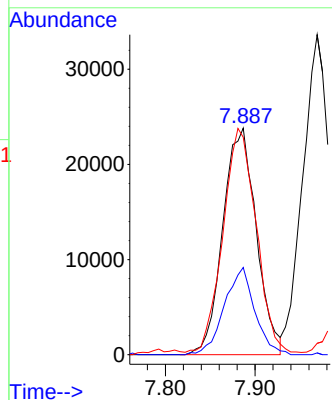


#31
Cyclohexane
Concen: 23.110 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

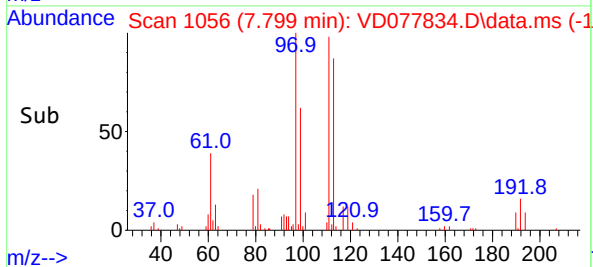
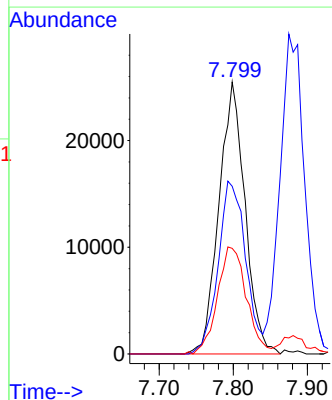
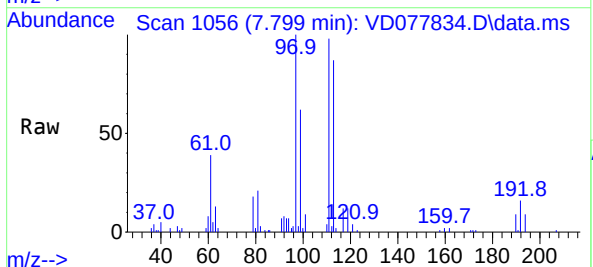


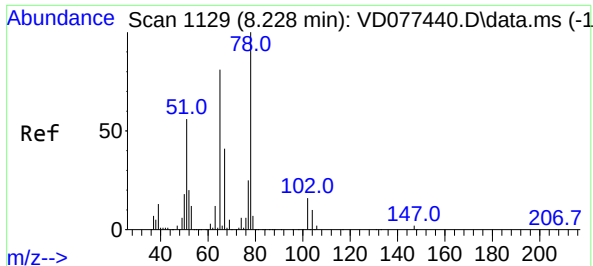
Tgt Ion: 56 Resp: 61754
Ion Ratio Lower Upper
56 100
69 38.5 28.6 43.0
84 94.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 23.677 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

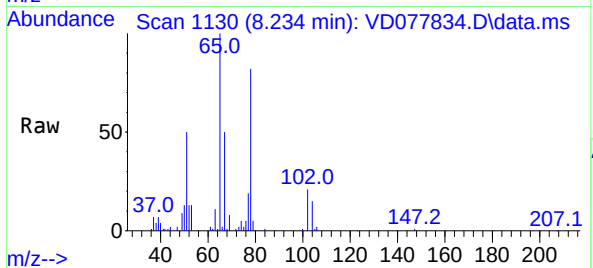
Tgt Ion: 97 Resp: 62310
Ion Ratio Lower Upper
97 100
99 67.1 52.0 78.0
61 43.9 33.8 50.8



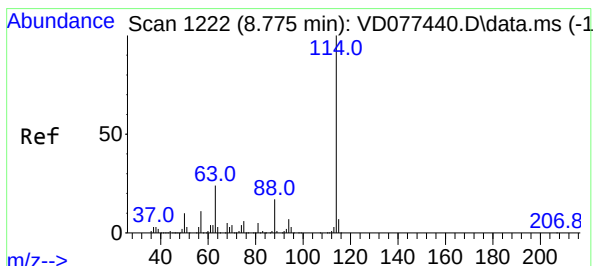
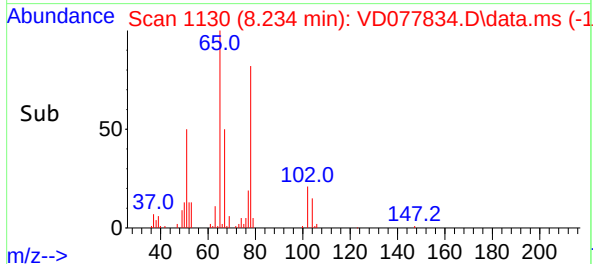
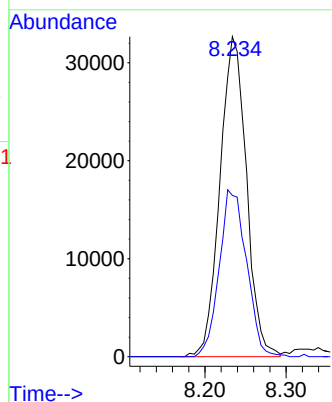


#33
 1,2-Dichloroethane-d4
 Concen: 49.315 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD077834.D
 Acq: 12 Dec 2023 11:04

Instrument :
 MSVOA_D
 ClientSampleId :

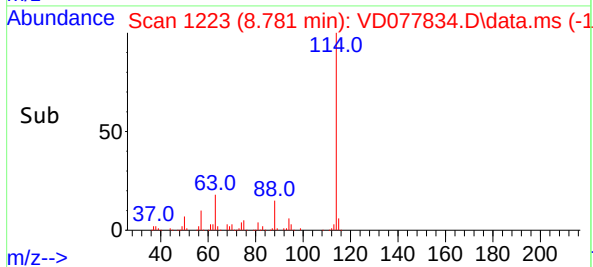
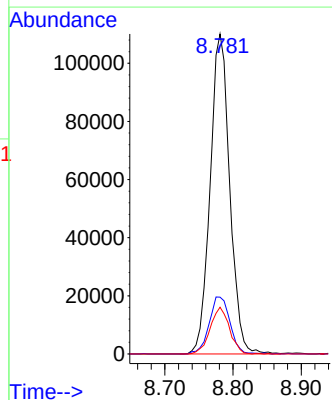
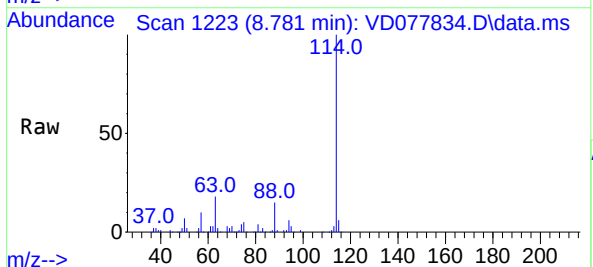


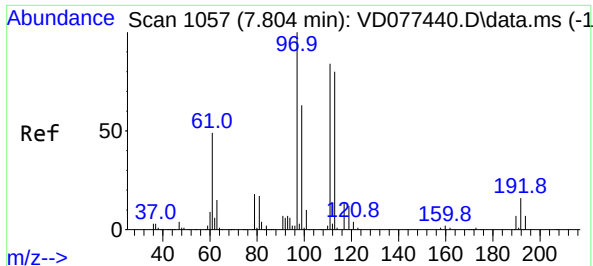
Tgt Ion: 65 Resp: 74087
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD077834.D
 Acq: 12 Dec 2023 11:04

Tgt Ion: 114 Resp: 220091
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 33.4
 88 14.6 0.0 26.2

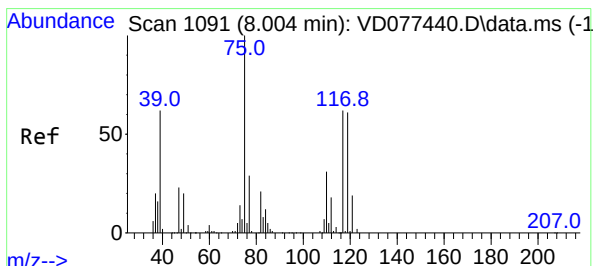
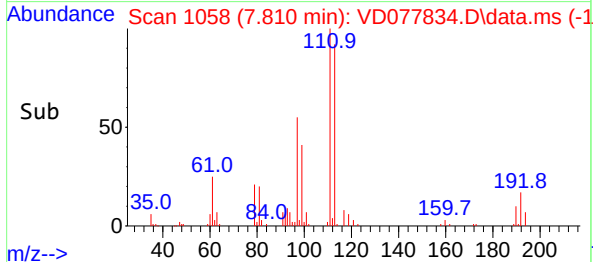
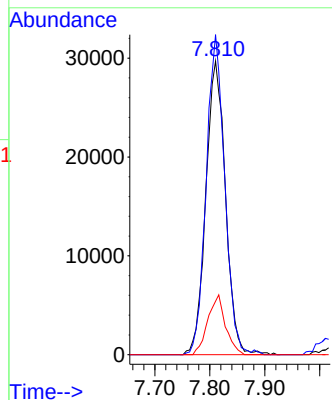
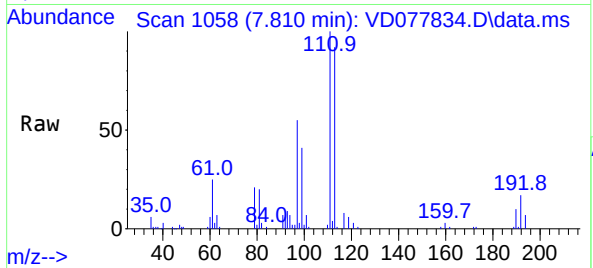




#35
Dibromofluoromethane
Concen: 47.839 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

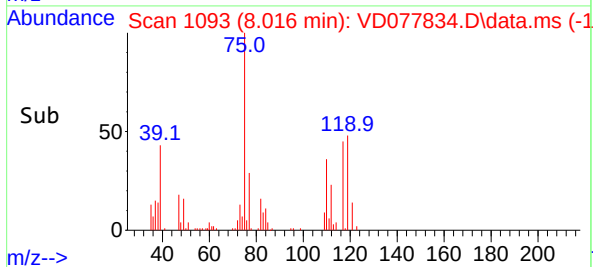
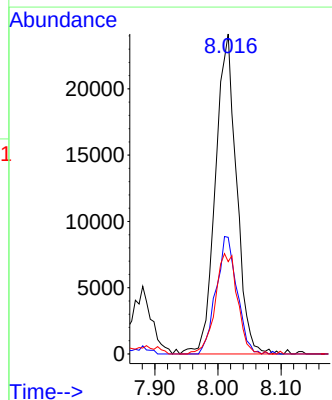
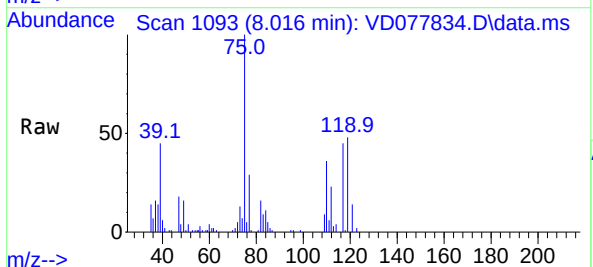
Instrument :
MSVOA_D
ClientSampleId :

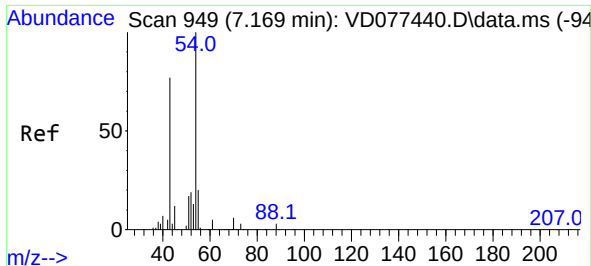
Tgt Ion:113 Resp: 73751
Ion Ratio Lower Upper
113 100
111 102.6 84.7 127.1
192 18.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 22.705 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

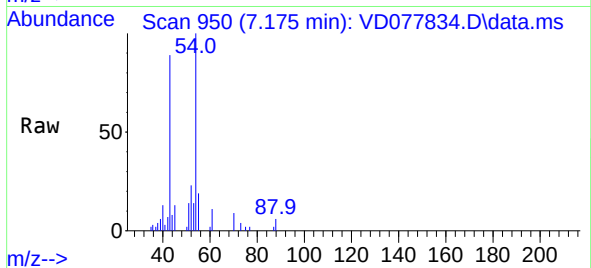
Tgt Ion: 75 Resp: 55990
Ion Ratio Lower Upper
75 100
110 36.4 19.9 59.6
77 33.0 24.7 37.1



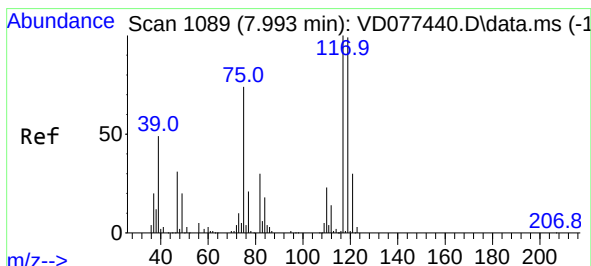
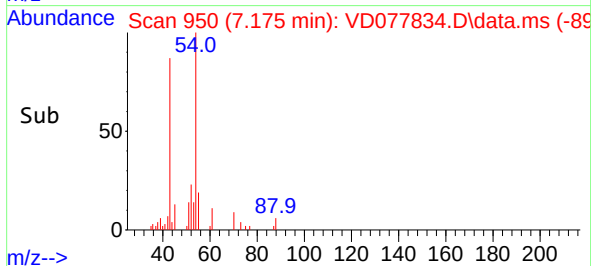
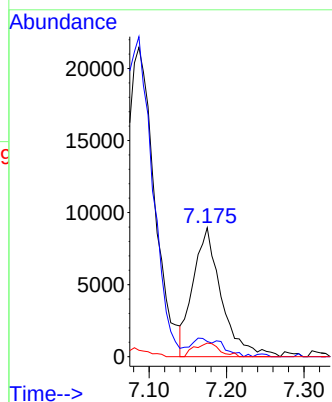


#37
Ethyl Acetate
Concen: 23.617 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

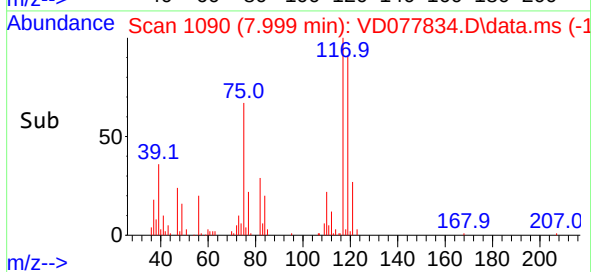
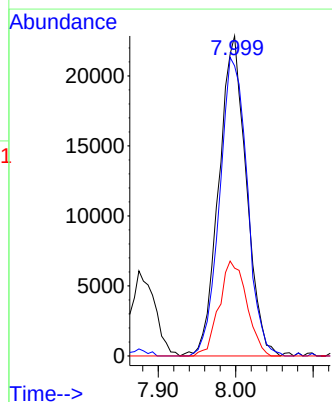
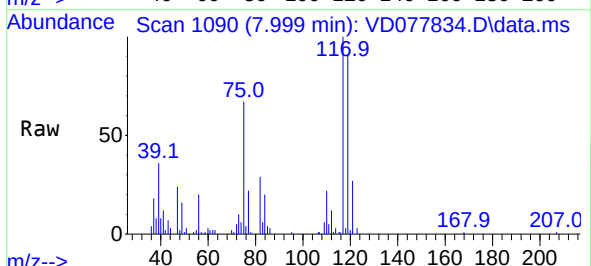


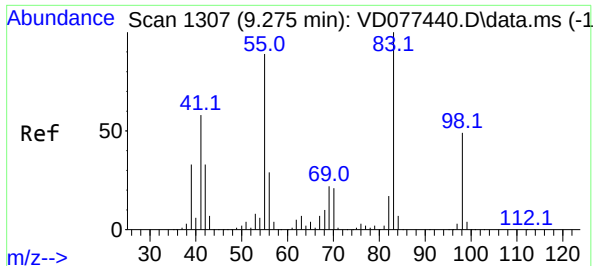
Tgt Ion: 43 Resp: 22709
Ion Ratio Lower Upper
43 100
61 15.4 14.9 22.3
70 9.4 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 22.892 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 117 Resp: 56279
Ion Ratio Lower Upper
117 100
119 90.7 78.0 117.0
121 27.5 24.2 36.2





#39

Methylcyclohexane

Concen: 23.308 ug/l

RT: 9.281 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VD077834.D

Acq: 12 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

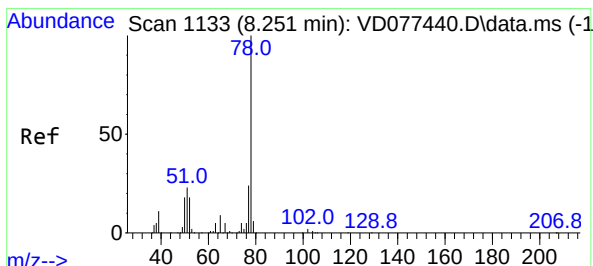
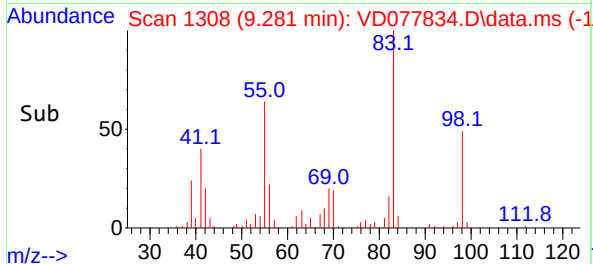
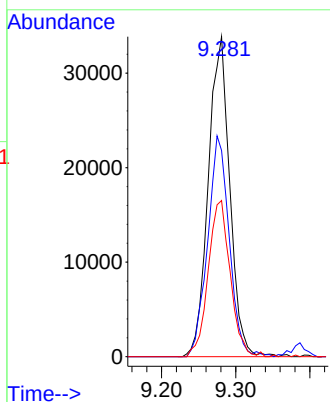
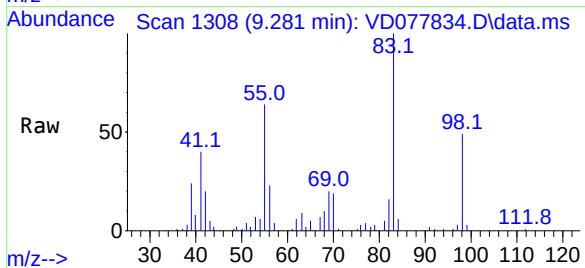
Tgt Ion: 83 Resp: 68138

Ion Ratio Lower Upper

83 100

55 64.5 49.4 74.0

98 48.8 38.4 57.6



#40

Benzene

Concen: 23.923 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD077834.D

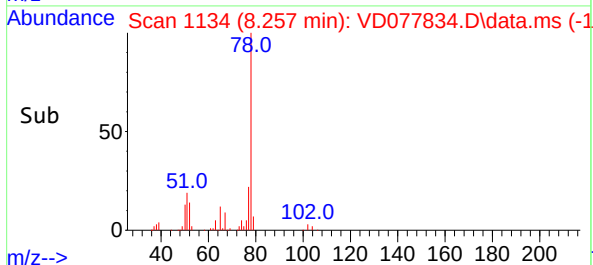
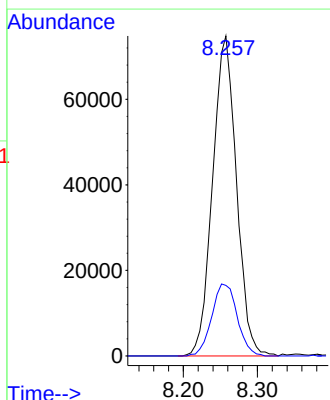
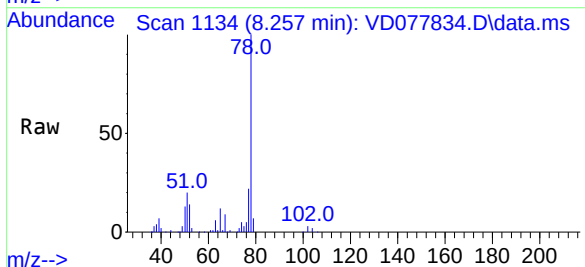
Acq: 12 Dec 2023 11:04

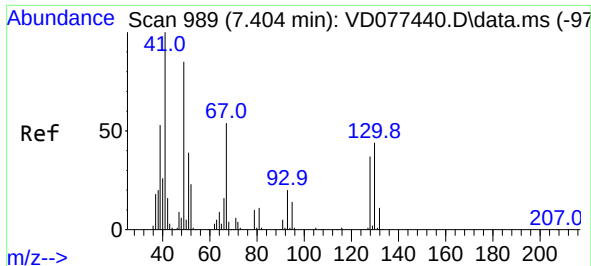
Tgt Ion: 78 Resp: 167436

Ion Ratio Lower Upper

78 100

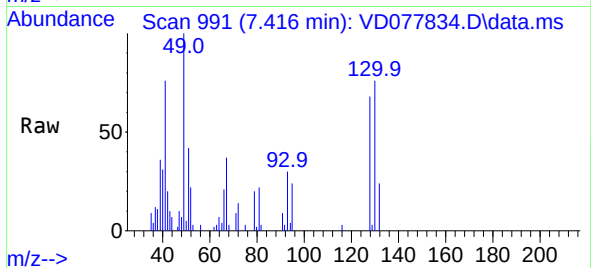
77 22.0 19.4 29.0



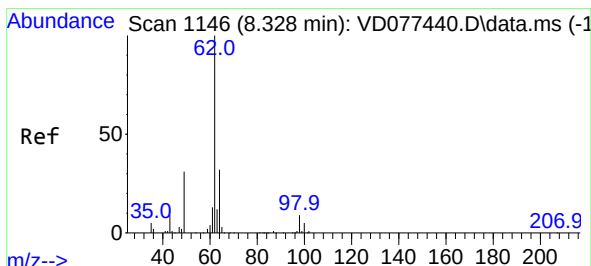
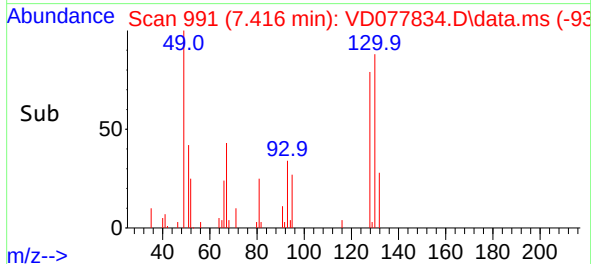
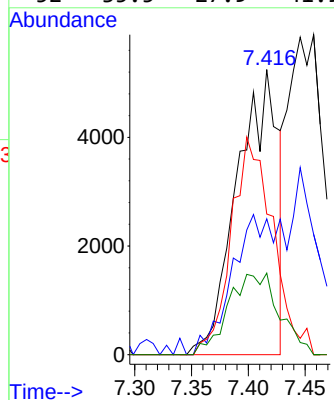


#41
Methacrylonitrile
Concen: 26.754 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.012 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

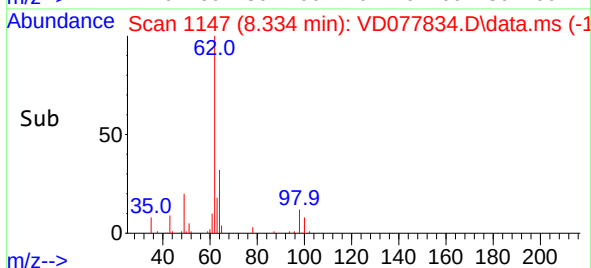
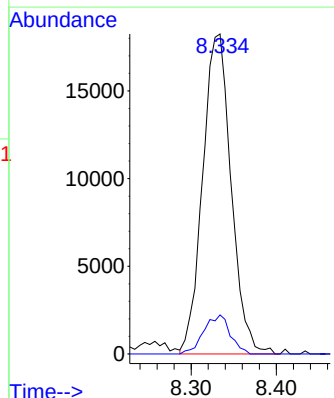
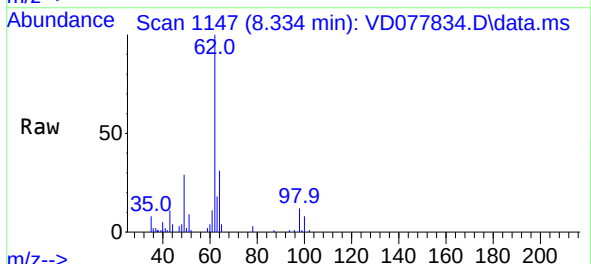


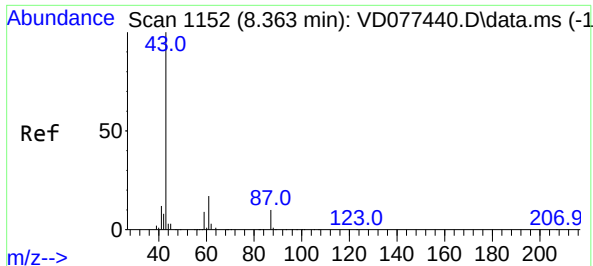
Tgt Ion: 41 Resp: 13075
Ion Ratio Lower Upper
41 100
39 48.4 34.0 51.0
67 78.1 77.0 115.4
52 35.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 23.358 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

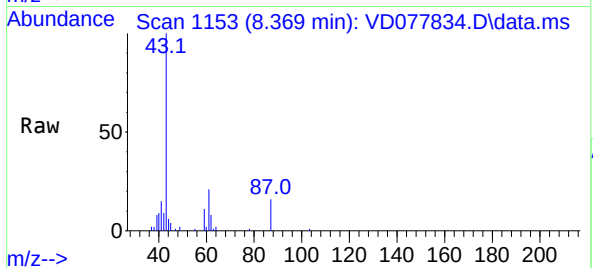
Tgt Ion: 62 Resp: 42376
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4



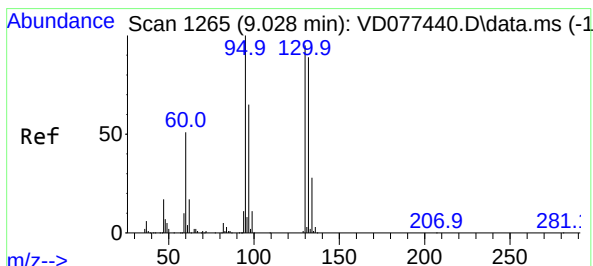
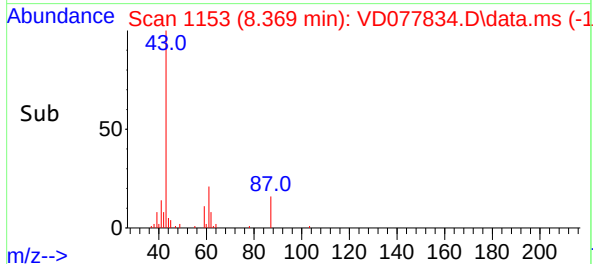
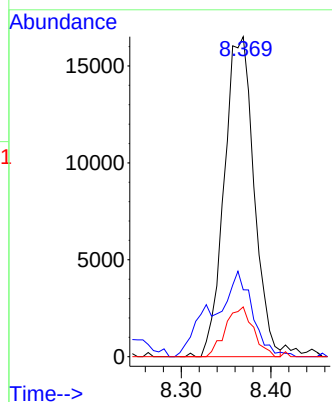


#43
Isopropyl Acetate
Concen: 22.137 ug/l
RT: 8.369 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

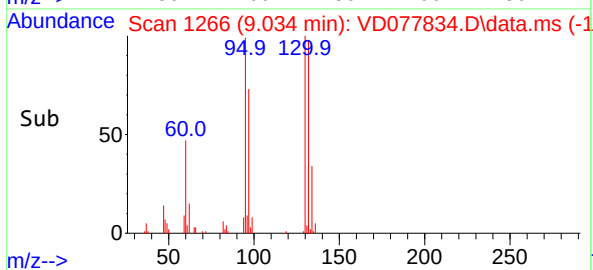
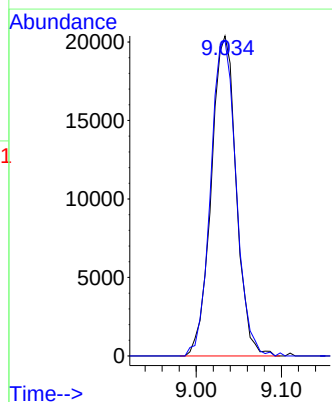
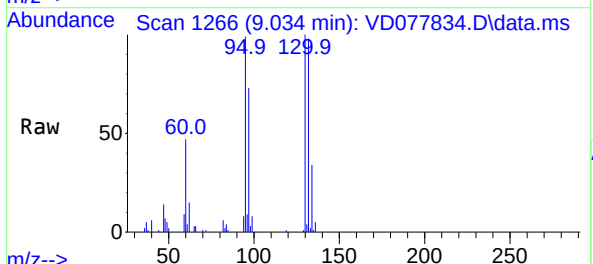


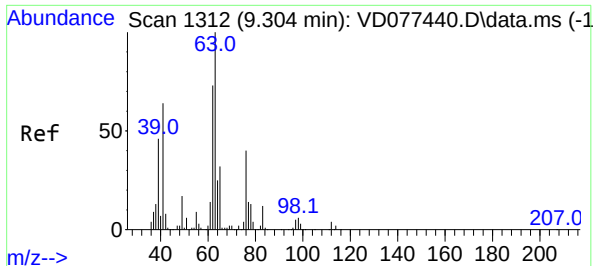
Tgt Ion: 43 Resp: 37837
Ion Ratio Lower Upper
43 100
61 23.7 31.4 47.0#
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 22.688 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion:130 Resp: 41381
Ion Ratio Lower Upper
130 100
95 98.7 0.0 179.2

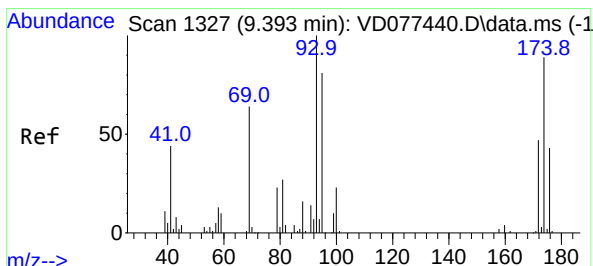
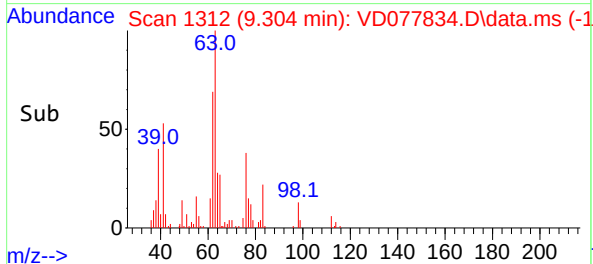
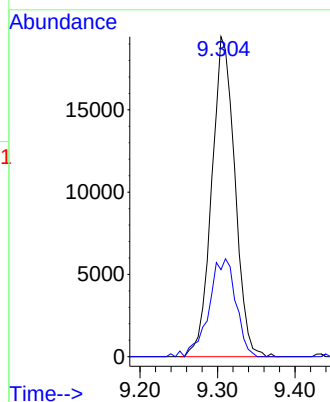
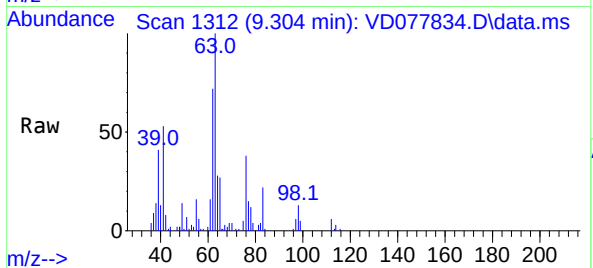




#45
1,2-Dichloropropane
Concen: 23.690 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

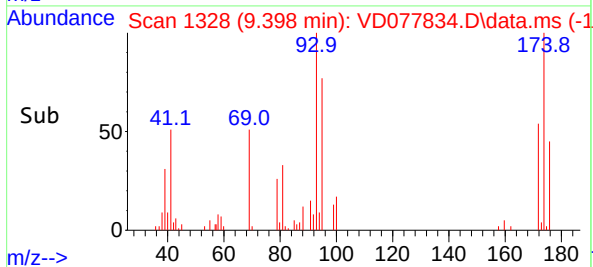
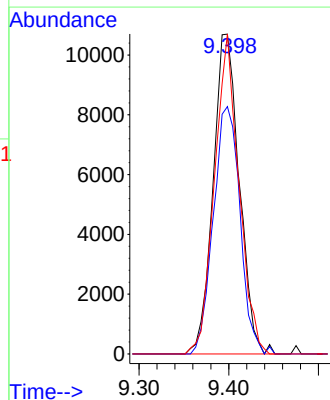
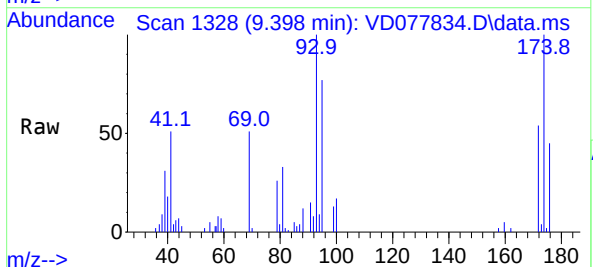
Instrument :
MSVOA_D
ClientSampleId :

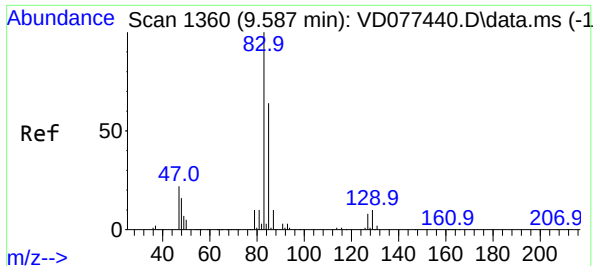
Tgt Ion: 63 Resp: 40306
Ion Ratio Lower Upper
63 100
65 27.2 24.5 36.7



#46
Dibromomethane
Concen: 24.052 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.005 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 93 Resp: 21653
Ion Ratio Lower Upper
93 100
95 79.0 67.7 101.5
174 93.2 85.4 128.2

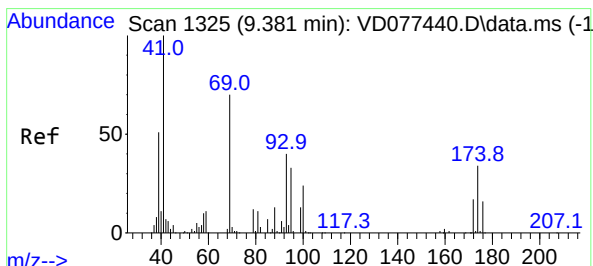
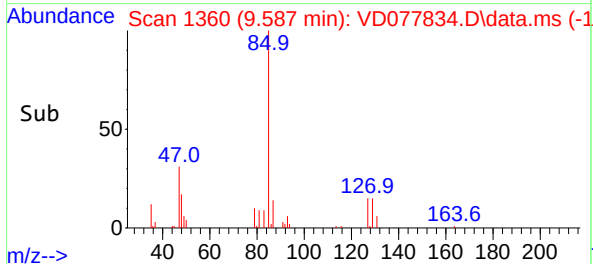
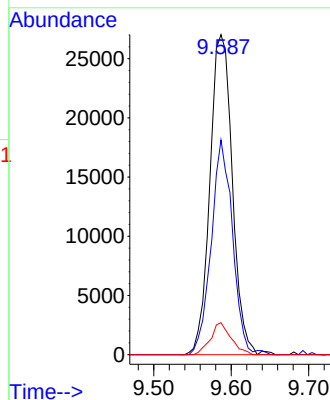
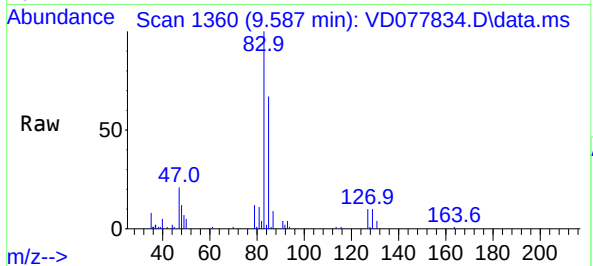




#47
Bromodichloromethane
Concen: 23.894 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

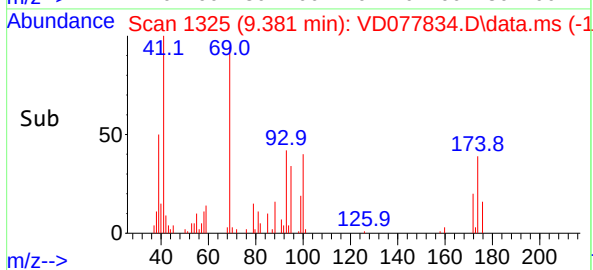
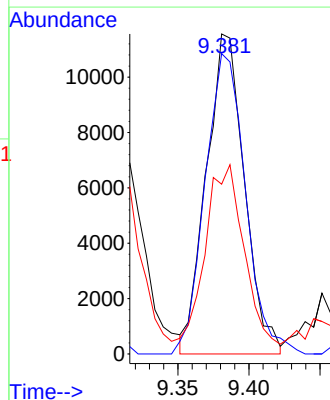
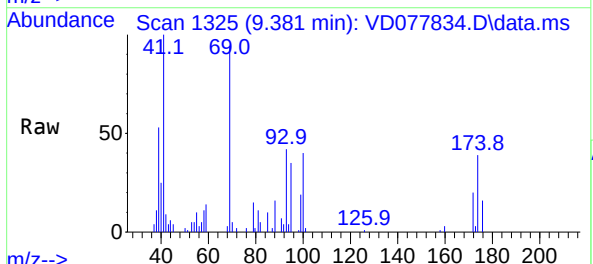
Instrument :
MSVOA_D
ClientSampleId :

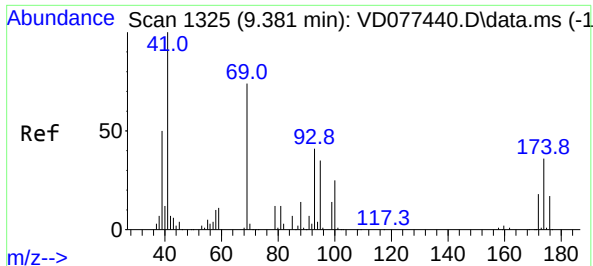
Tgt Ion: 83 Resp: 54521
Ion Ratio Lower Upper
83 100
85 67.1 50.2 75.4
127 10.0 6.3 9.5#



#48
Methyl methacrylate
Concen: 22.177 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

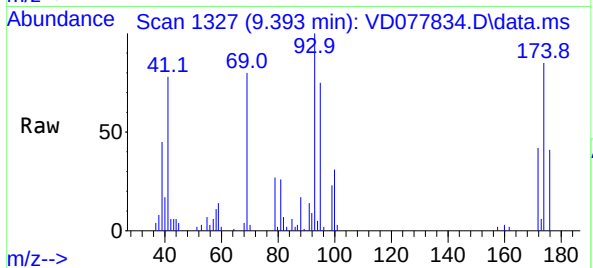
Tgt Ion: 41 Resp: 21548
Ion Ratio Lower Upper
41 100
69 99.8 102.2 153.2#
39 55.6 41.4 62.2



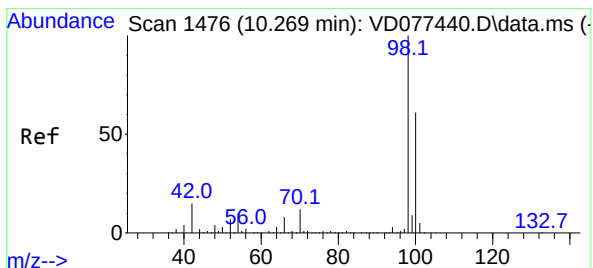
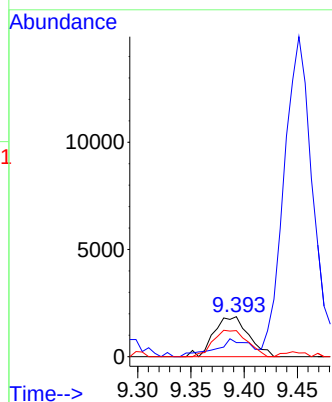
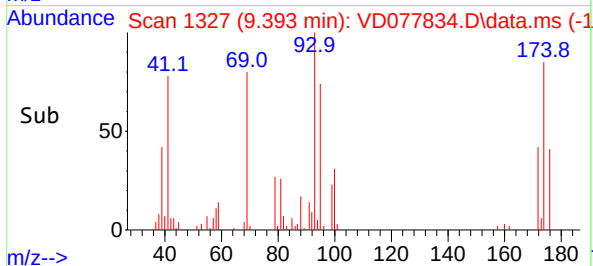


#49
1,4-Dioxane
Concen: 472.527 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

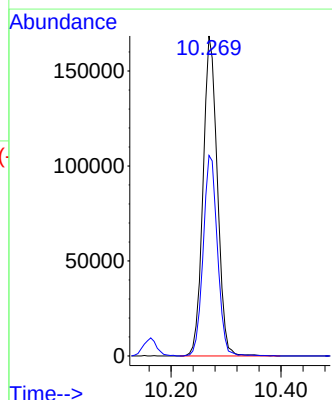
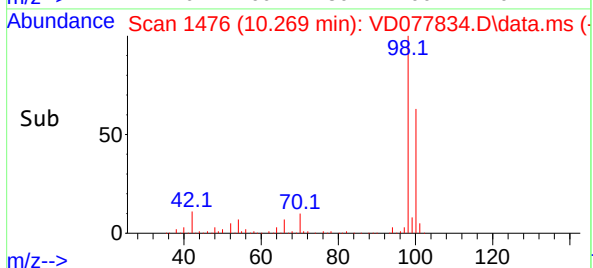
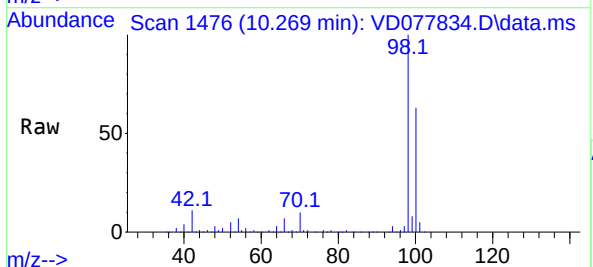


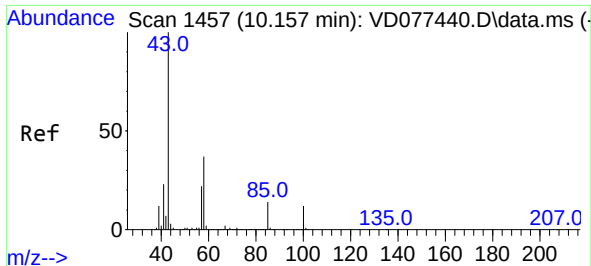
Tgt Ion: 88 Resp: 4224
Ion Ratio Lower Upper
88 100
43 45.3 19.0 28.6#
58 64.9 43.5 65.3



#50
Toluene-d8
Concen: 49.223 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 98 Resp: 303930
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5

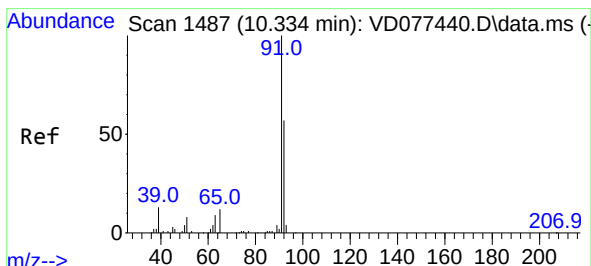
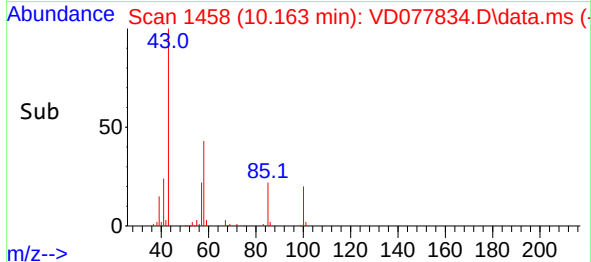
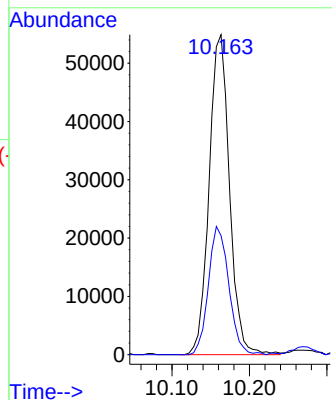
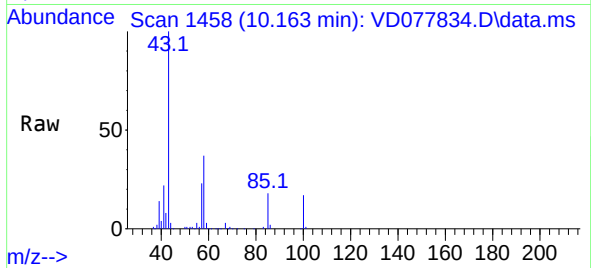




#51
4-Methyl-2-Pentanone
Concen: 114.911 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

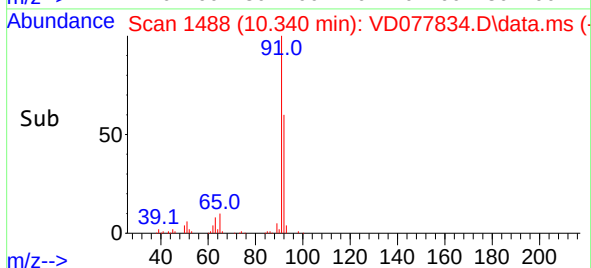
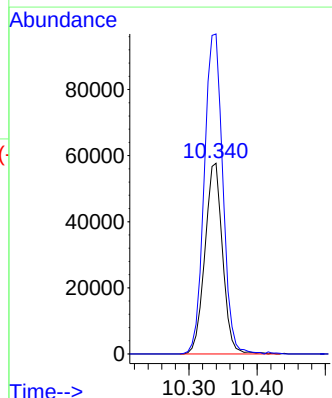
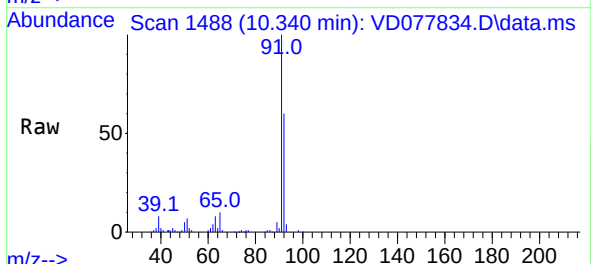
Instrument :
MSVOA_D
ClientSampleId :

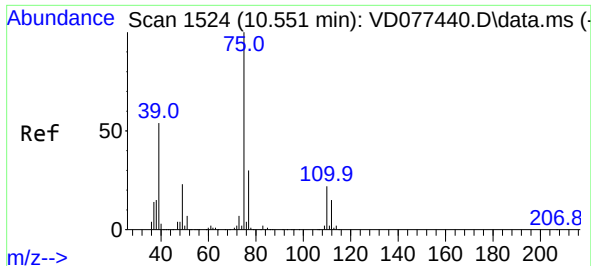
Tgt Ion: 43 Resp: 100241
Ion Ratio Lower Upper
43 100
58 40.2 38.9 58.3



#52
Toluene
Concen: 23.954 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 92 Resp: 103995
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4

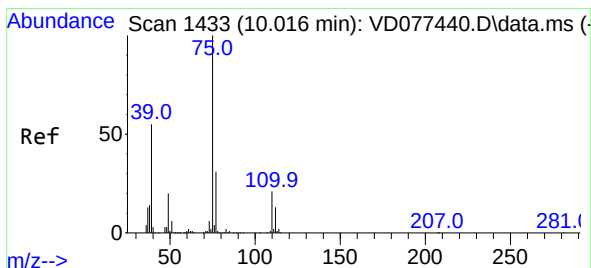
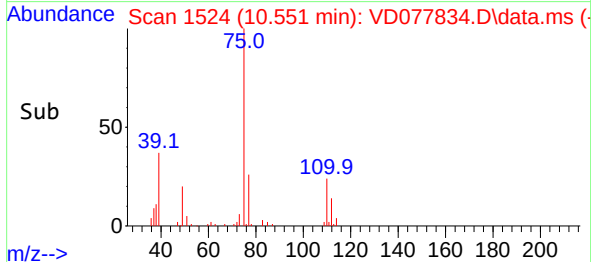
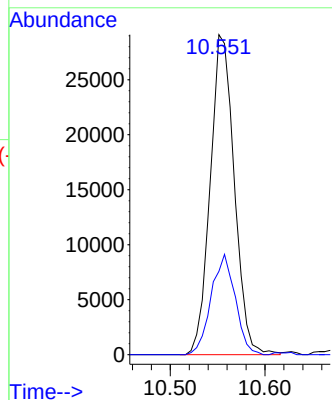
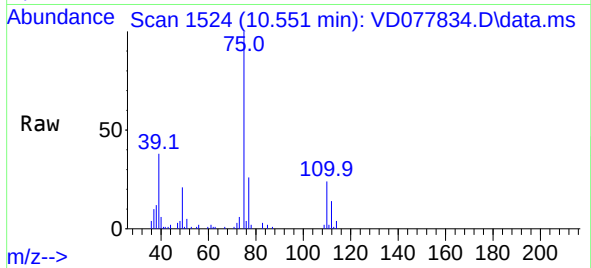




#53
 t-1,3-Dichloropropene
 Concen: 23.480 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077834.D
 Acq: 12 Dec 2023 11:04

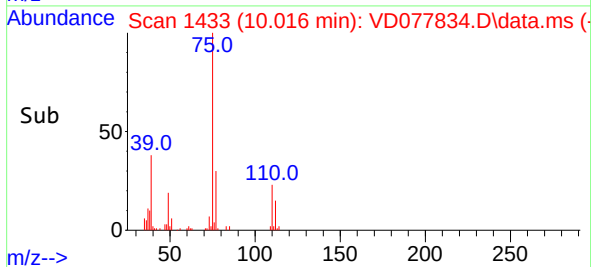
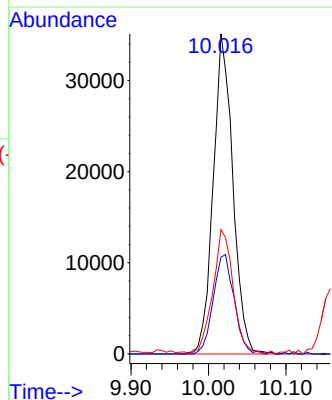
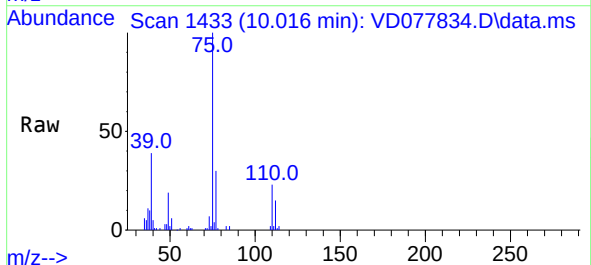
Instrument :
 MSVOA_D
 ClientSampleId :

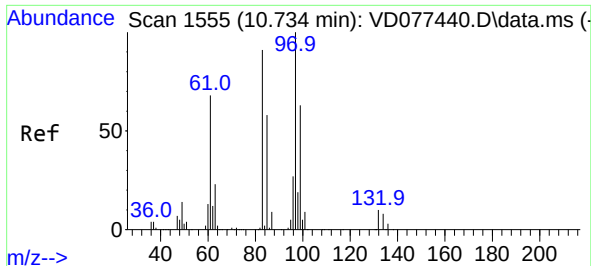
Tgt Ion: 75 Resp: 51450
 Ion Ratio Lower Upper
 75 100
 77 26.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 23.340 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077834.D
 Acq: 12 Dec 2023 11:04

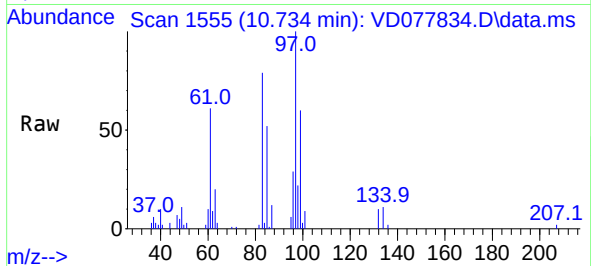
Tgt Ion: 75 Resp: 61833
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3
 39 38.3 22.1 33.1#



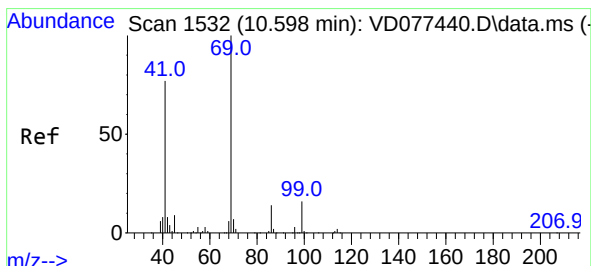
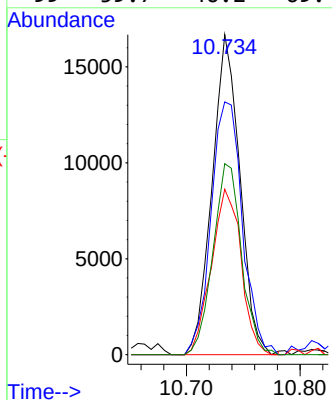
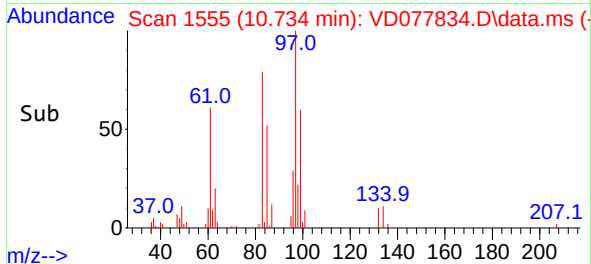


#55
1,1,2-Trichloroethane
Concen: 22.996 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

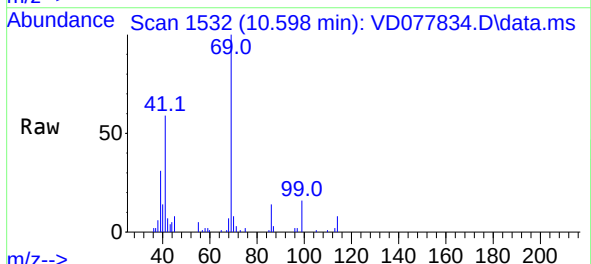
Instrument :
MSVOA_D
ClientSampleId :



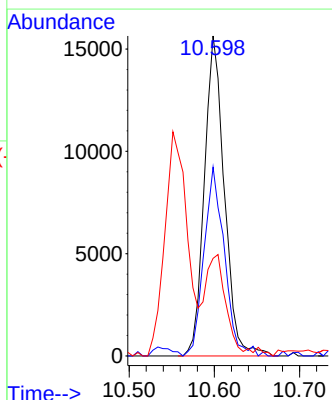
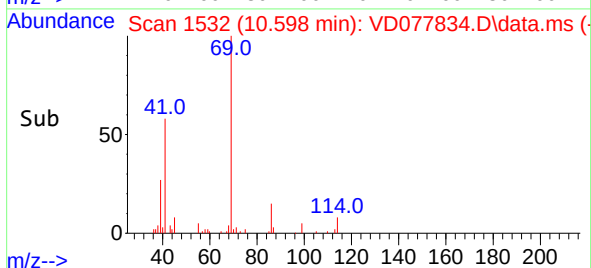
Tgt Ion:	97	Resp:	28317
Ion	Ratio	Lower	Upper
97	100		
83	79.0	65.8	98.6
85	51.7	45.7	68.5
99	59.7	46.2	69.4

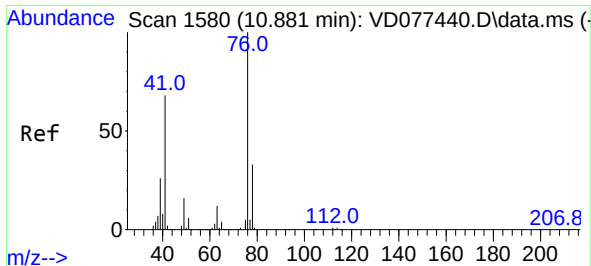


#56
Ethyl methacrylate
Concen: 23.512 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04



Tgt Ion:	69	Resp:	25522
Ion	Ratio	Lower	Upper
69	100		
41	60.5	39.1	58.7#
39	31.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 23.460 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

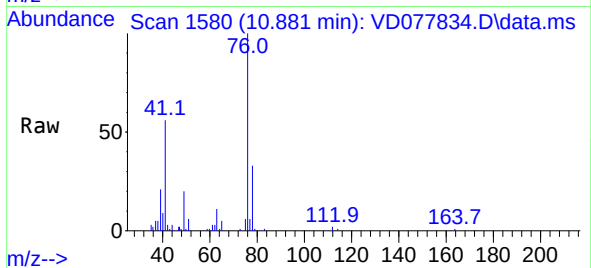
Lab File: VD077834.D

Acq: 12 Dec 2023 11:04

Instrument :

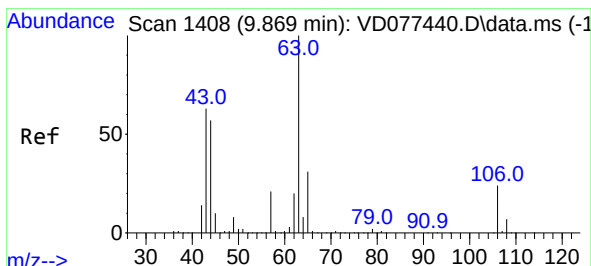
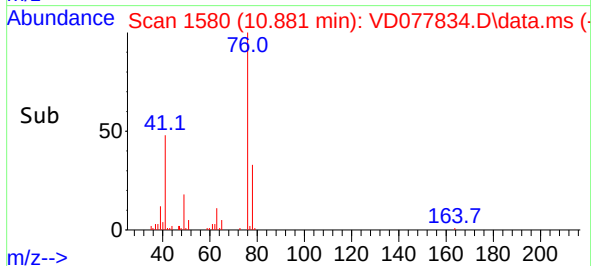
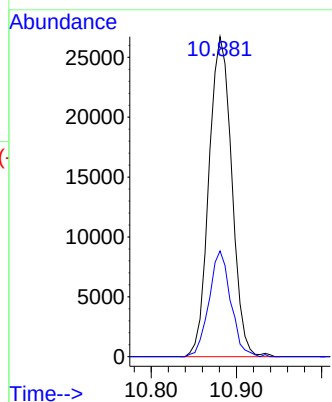
MSVOA_D

ClientSampleId :



Tgt Ion: 76 Resp: 49795

Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.4	39.6



#58

2-Chloroethyl Vinyl ether

Concen: 103.841 ug/l

RT: 9.875 min Scan# 1409

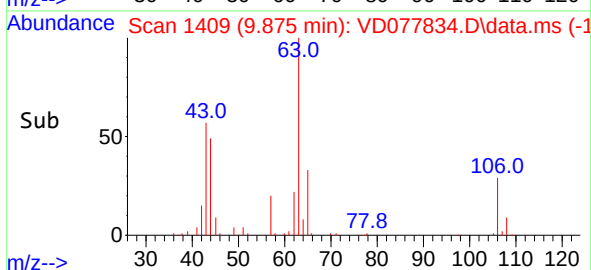
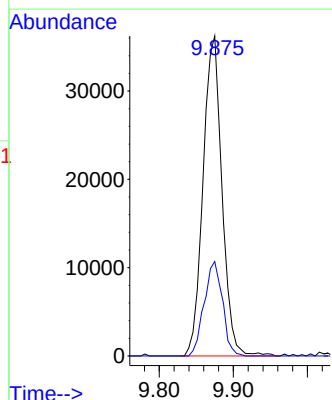
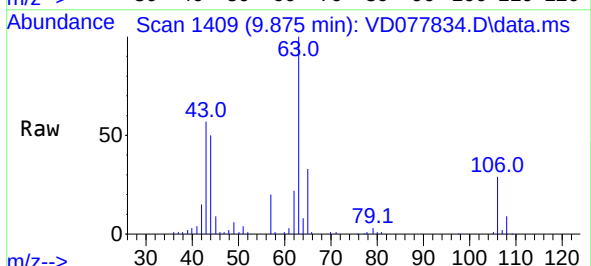
Delta R.T. 0.006 min

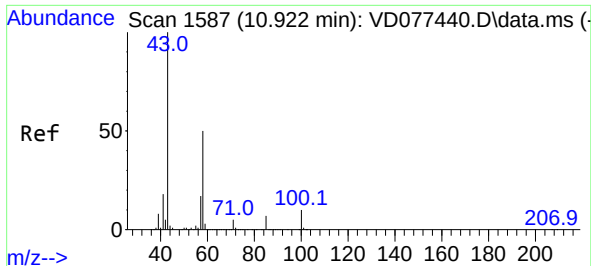
Lab File: VD077834.D

Acq: 12 Dec 2023 11:04

Tgt Ion: 63 Resp: 64282

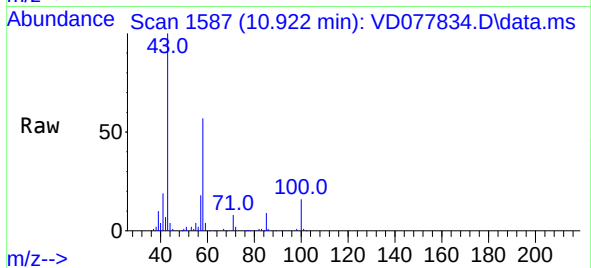
Ion	Ratio	Lower	Upper
63	100		
106	28.5	25.3	37.9



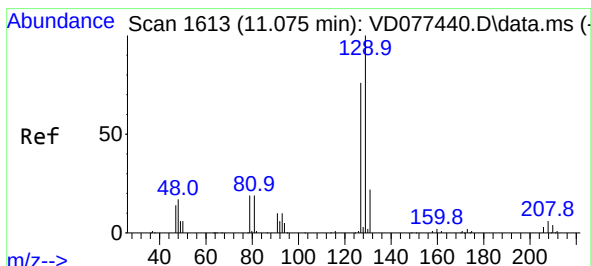
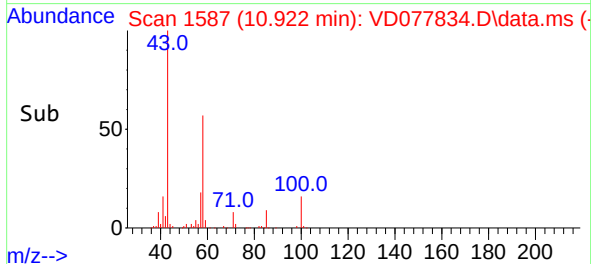
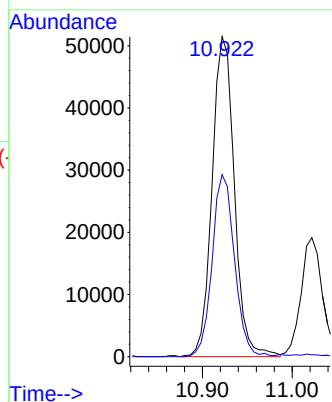


#59
2-Hexanone
Concen: 122.323 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

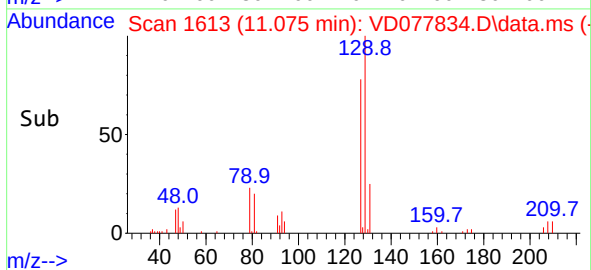
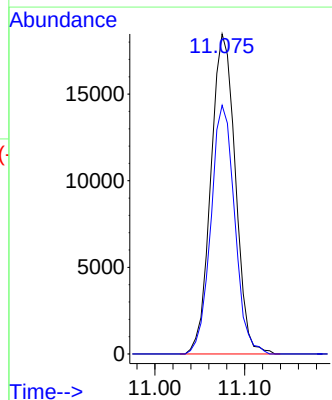
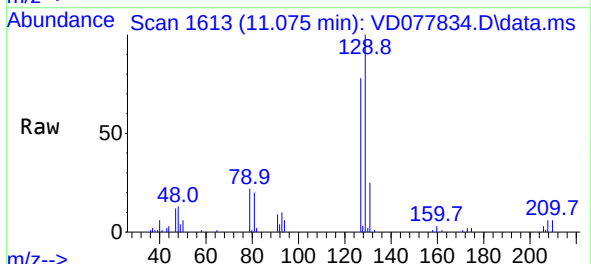


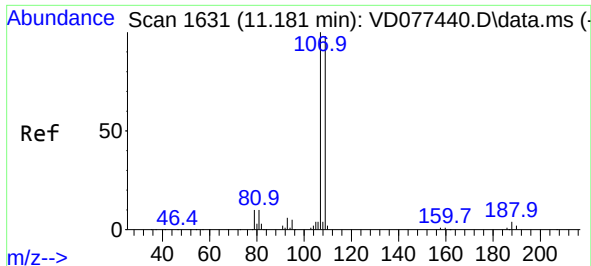
Tgt Ion: 43 Resp: 88529
Ion Ratio Lower Upper
43 100
58 57.2 34.1 102.2



#60
Dibromochloromethane
Concen: 23.575 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 129 Resp: 34952
Ion Ratio Lower Upper
129 100
127 75.7 37.1 111.5

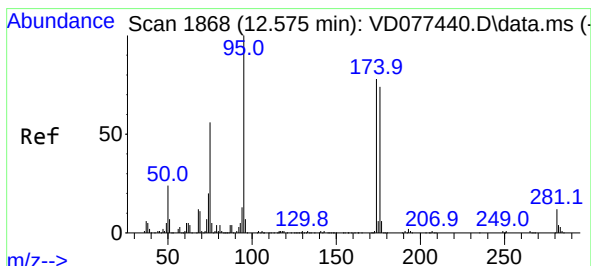
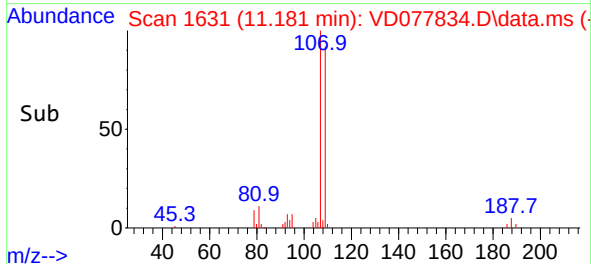
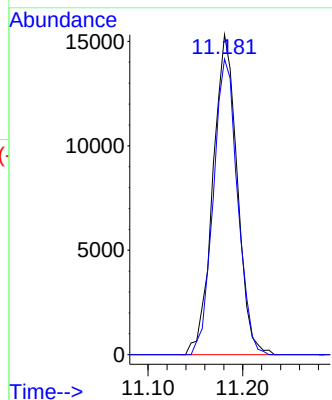
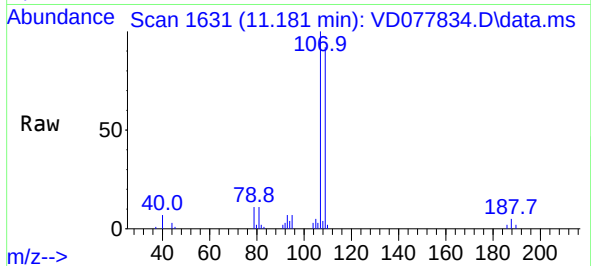




#61
1,2-Dibromoethane
Concen: 23.600 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

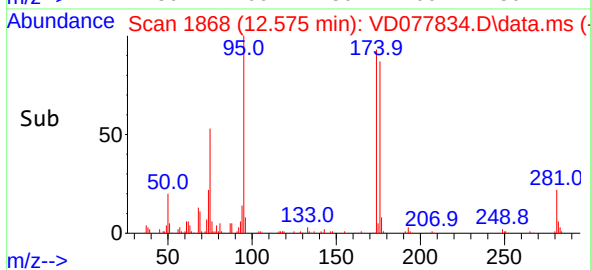
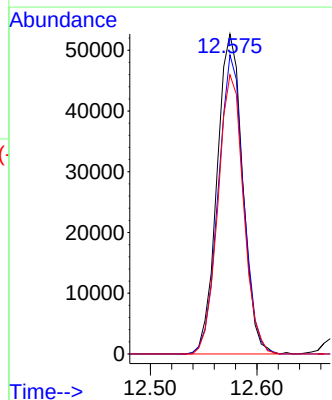
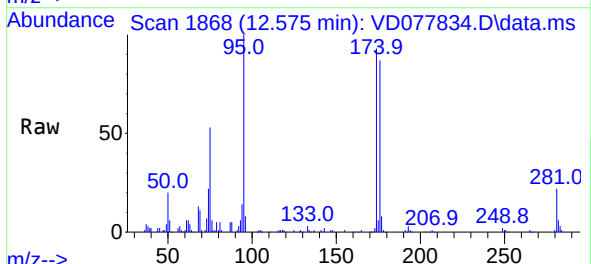
Instrument :
MSVOA_D
ClientSampleId :

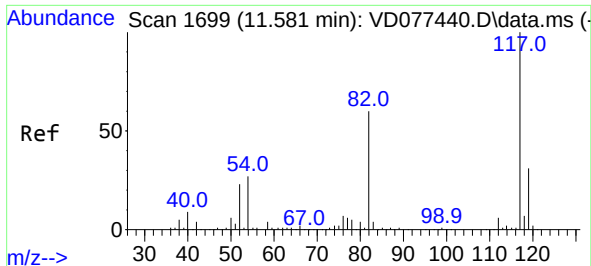
Tgt Ion:107 Resp: 27356
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.564 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 95 Resp: 87804
Ion Ratio Lower Upper
95 100
174 91.9 0.0 201.8
176 86.9 0.0 191.8

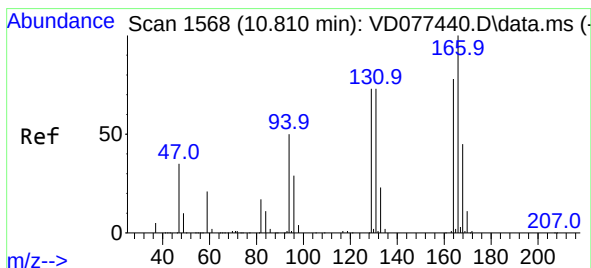
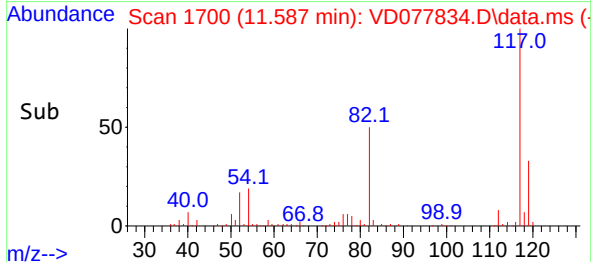
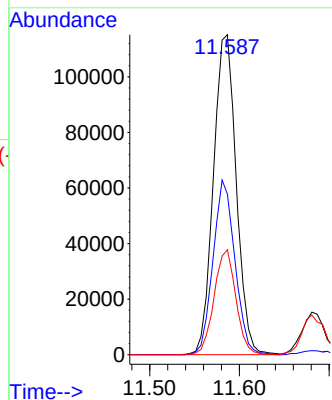
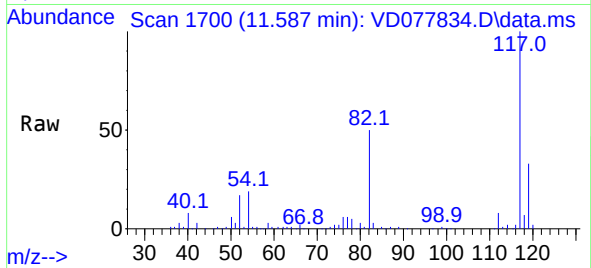




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

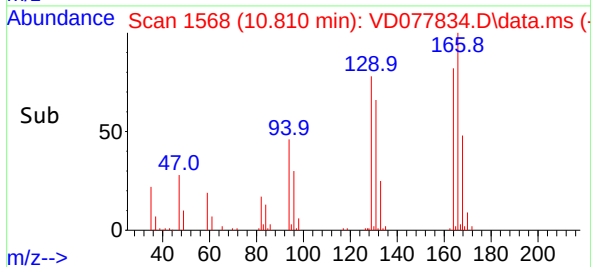
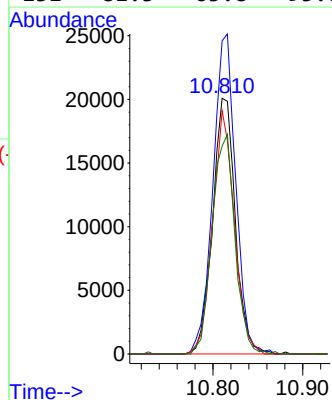
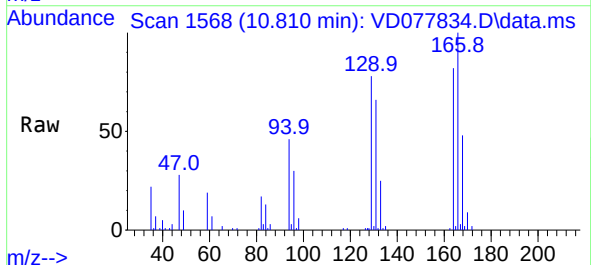
Instrument :
MSVOA_D
ClientSampleId :

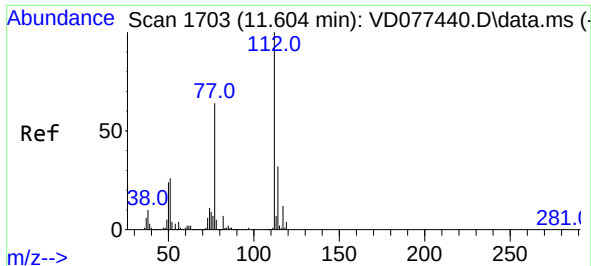
Tgt Ion:117 Resp: 203535
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 23.636 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion:164 Resp: 35358
Ion Ratio Lower Upper
164 100
166 122.5 99.2 148.8
129 95.2 68.4 102.6
131 81.3 63.8 95.8

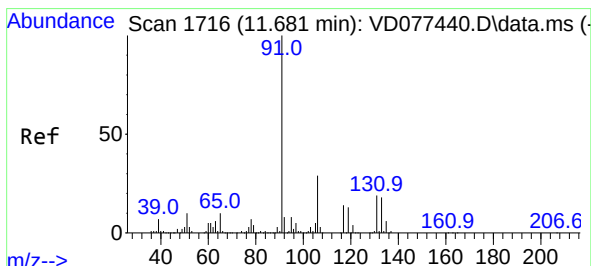
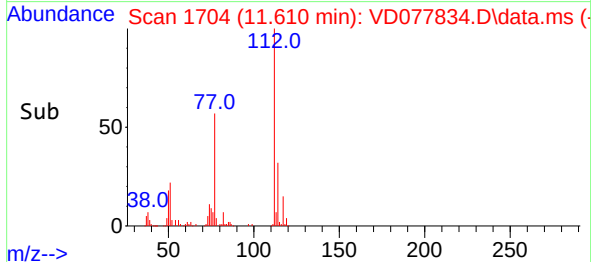
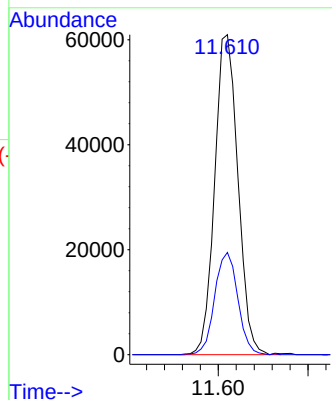
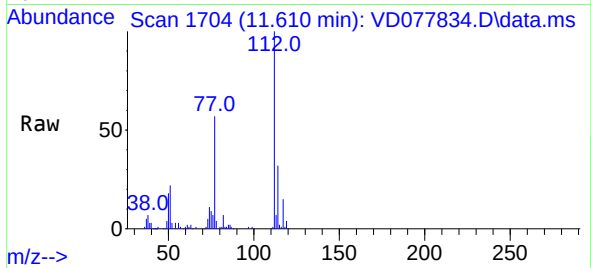




#65
Chlorobenzene
Concen: 21.797 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

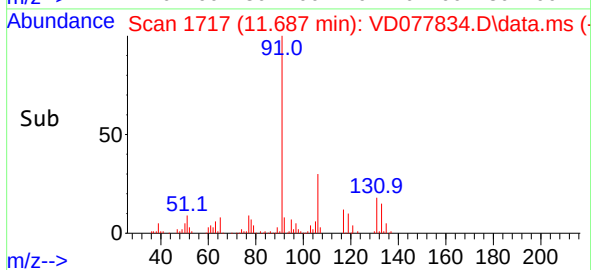
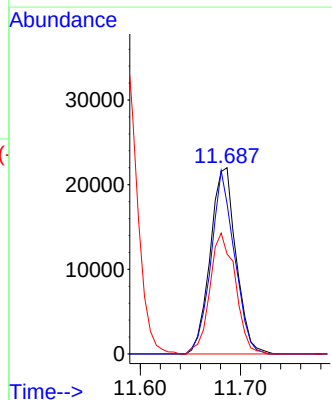
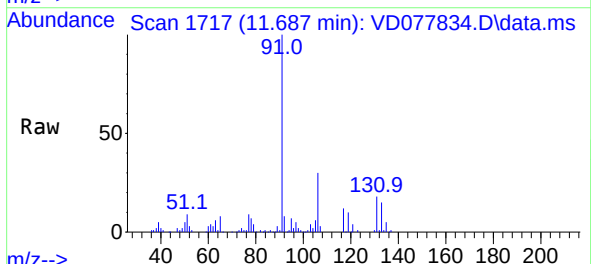
Instrument :
MSVOA_D
ClientSampleId :

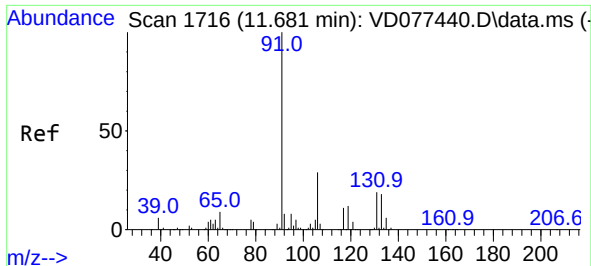
Tgt Ion:112 Resp: 109609
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 23.203 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion:131 Resp: 39271
Ion Ratio Lower Upper
131 100
133 89.5 48.5 145.5
119 64.1 35.6 106.9





#67

Ethyl Benzene

Concen: 23.444 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077834.D

Acq: 12 Dec 2023 11:04

Instrument :

MSVOA_D

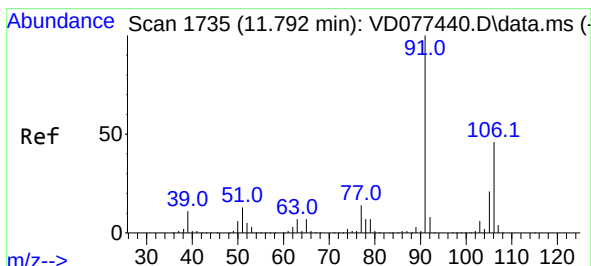
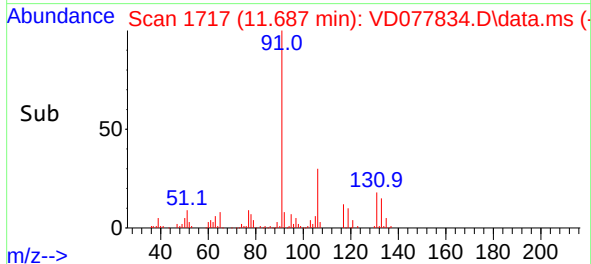
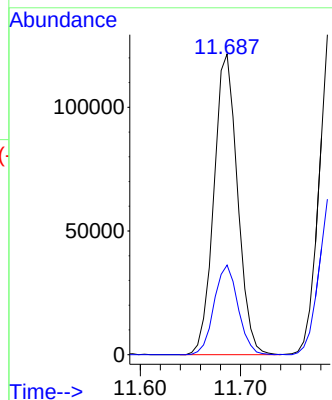
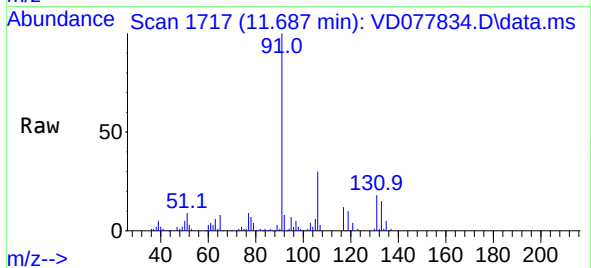
ClientSampleId :

Tgt Ion: 91 Resp: 198661

Ion Ratio Lower Upper

91 100

106 29.8 26.5 39.7



#68

m/p-Xylenes

Concen: 46.235 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077834.D

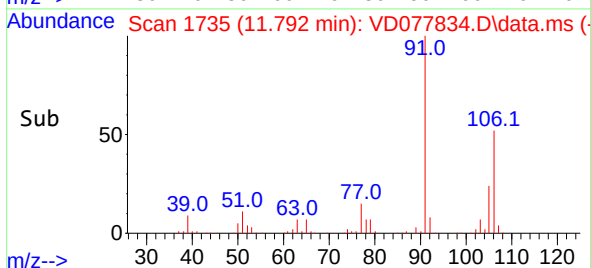
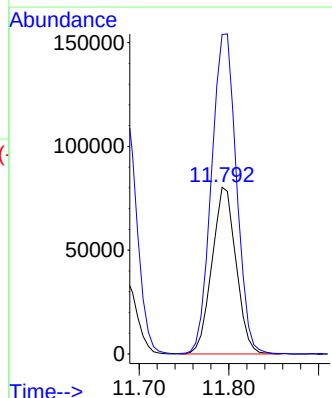
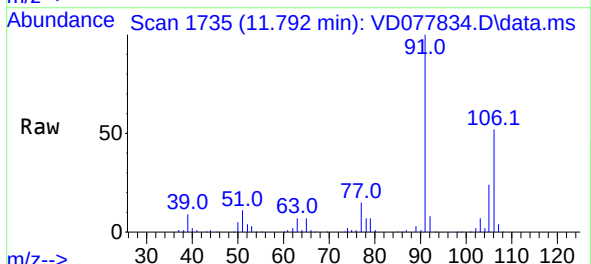
Acq: 12 Dec 2023 11:04

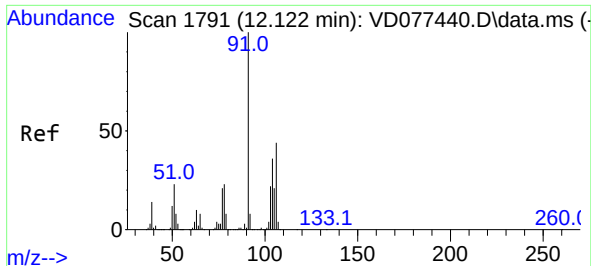
Tgt Ion:106 Resp: 149859

Ion Ratio Lower Upper

106 100

91 199.1 147.0 220.6

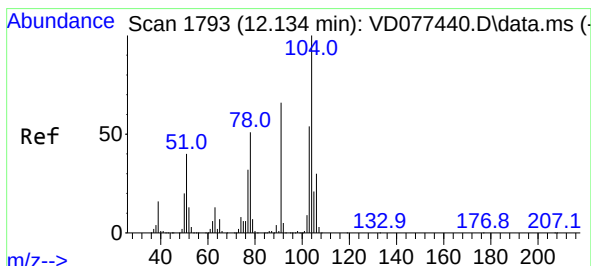
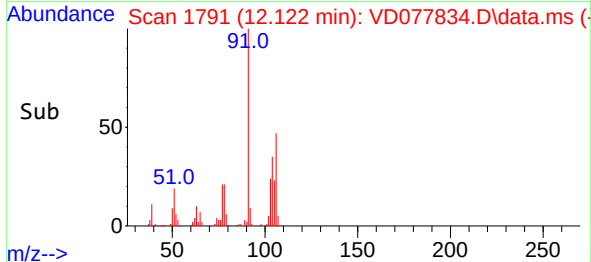
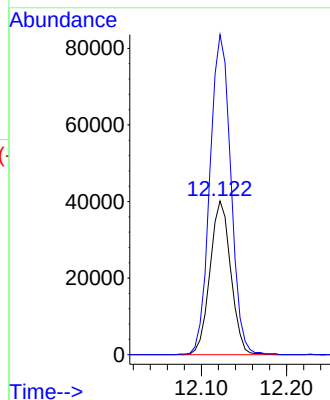
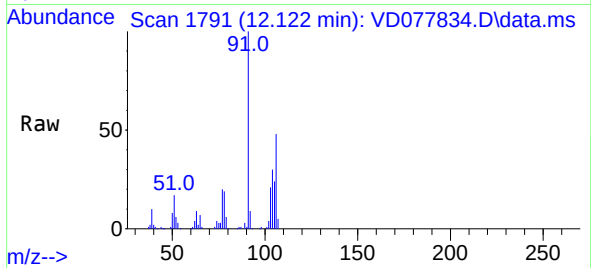




#69
o-Xylene
Concen: 22.741 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

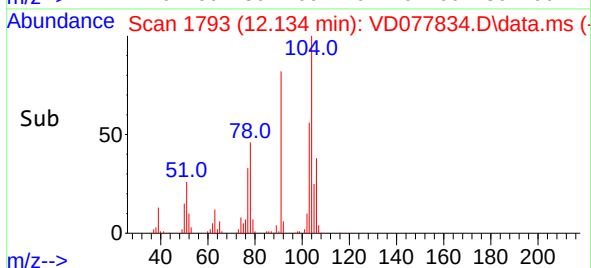
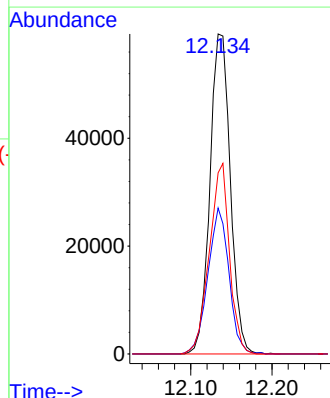
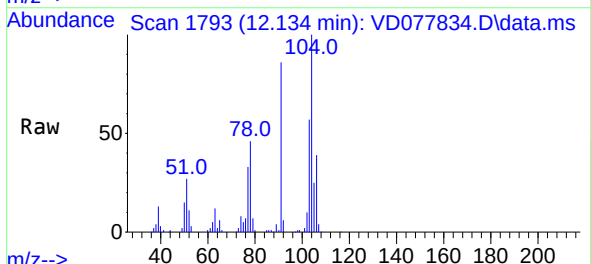
Instrument :
MSVOA_D
ClientSampleId :

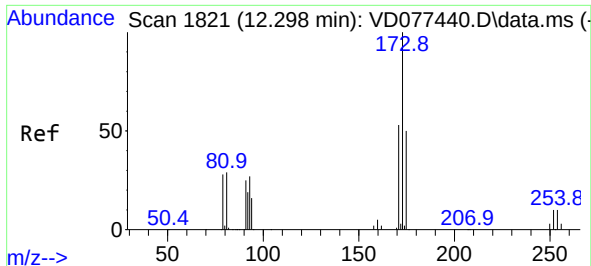
Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.5	97.9	293.6



#70
Styrene
Concen: 23.333 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

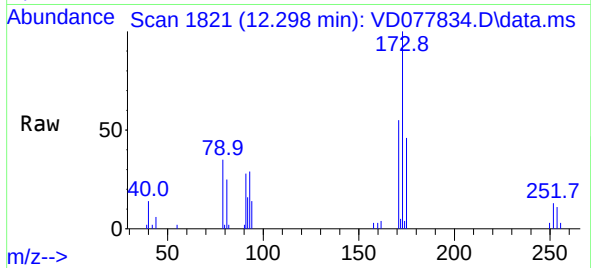
Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.1	33.2	49.8
103	58.8	43.6	65.4



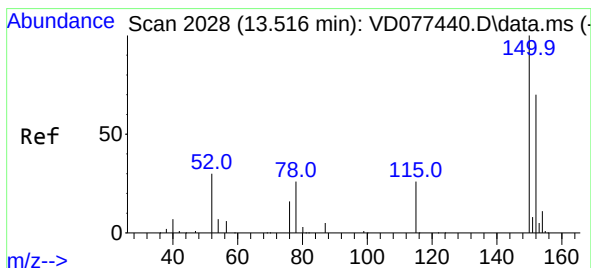
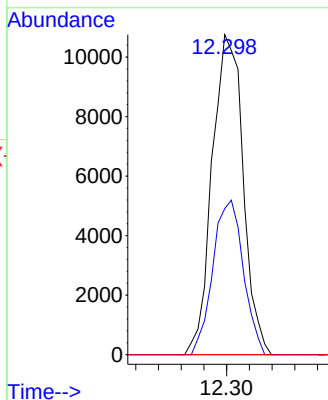
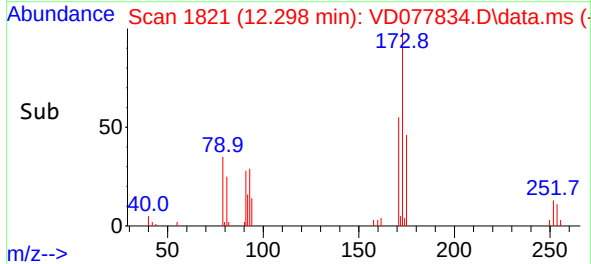


#71
Bromoform
Concen: 22.955 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

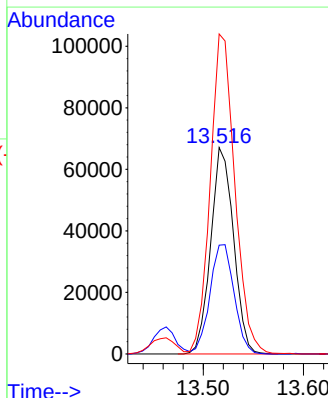
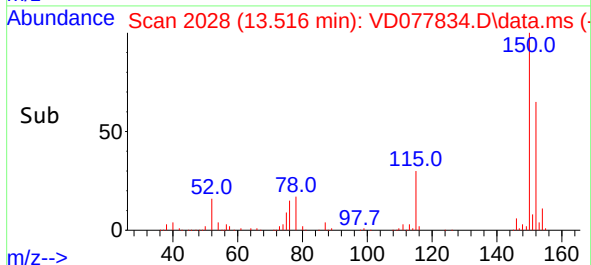
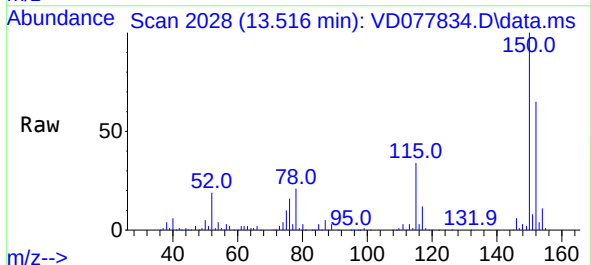


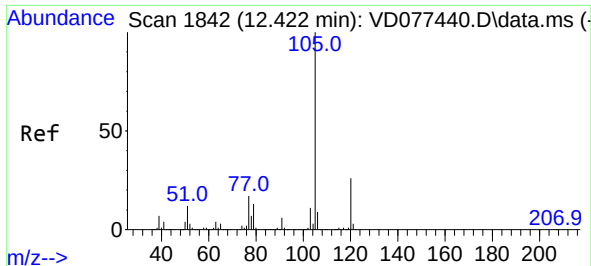
Tgt Ion:173 Resp: 20300
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion:152 Resp: 106216
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 167.2 0.0 353.6

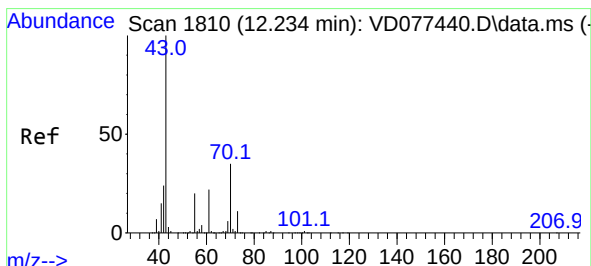
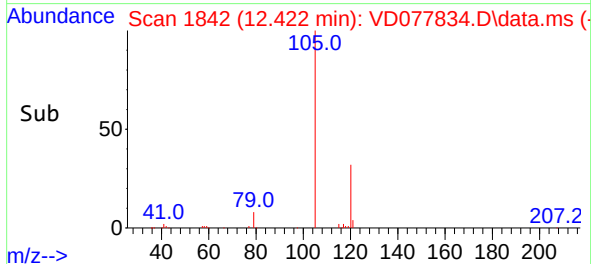
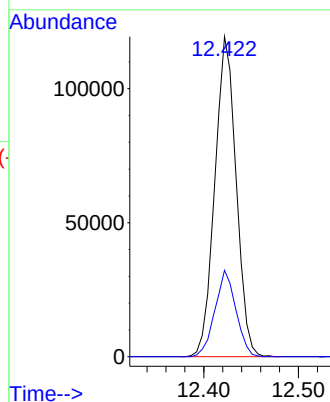
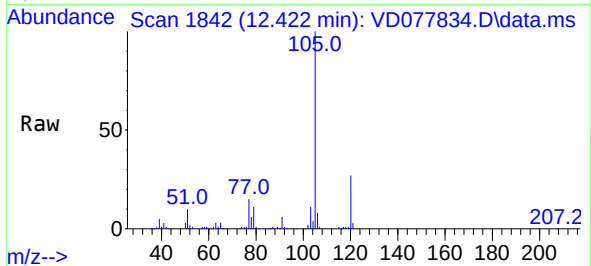




#73
Isopropylbenzene
Concen: 23.255 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

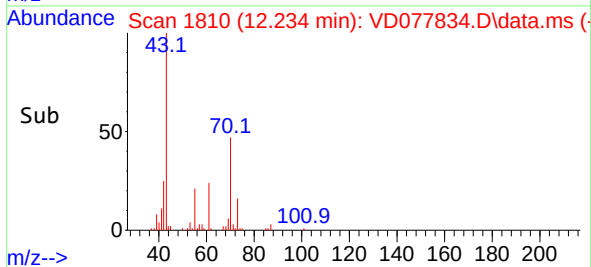
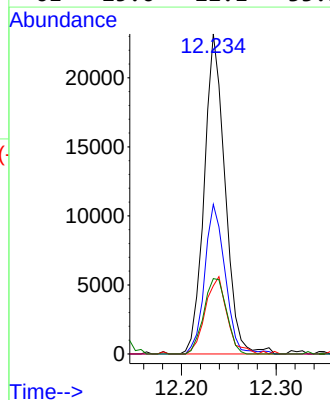
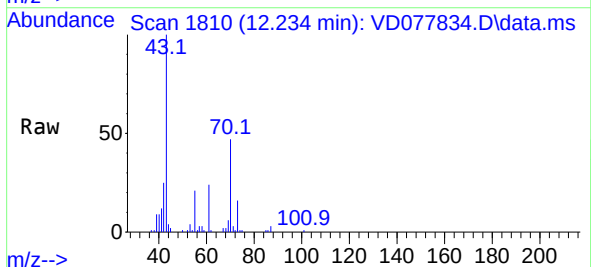
Instrument :
MSVOA_D
ClientSampleId :

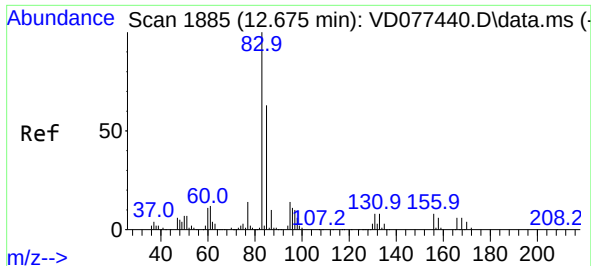
Tgt Ion:105 Resp: 187212
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 22.385 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 43 Resp: 35423
Ion Ratio Lower Upper
43 100
70 46.0 45.0 67.4
55 25.1 23.8 35.6
61 25.6 22.1 33.1

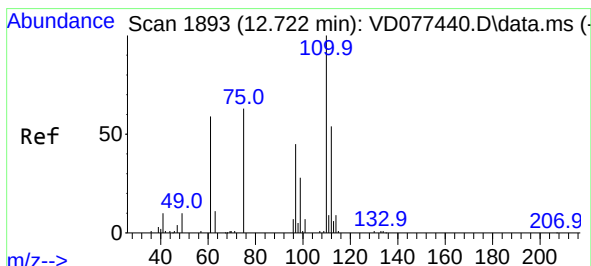
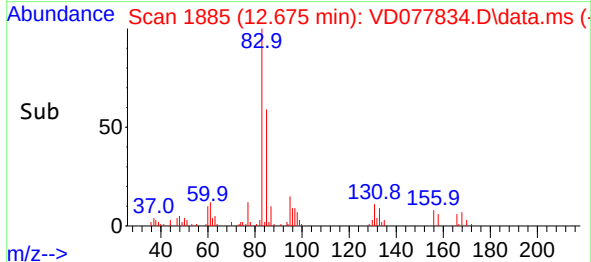
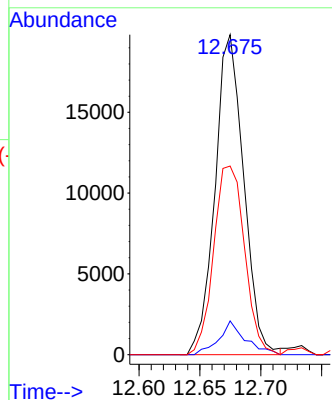
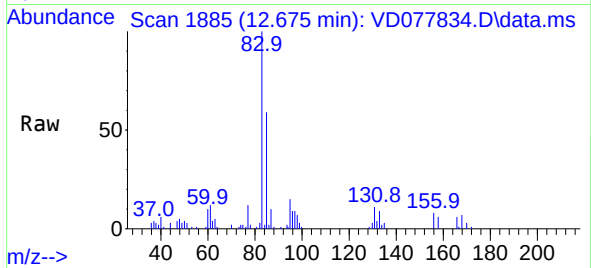




#75
1,1,2,2-Tetrachloroethane
Concen: 23.172 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

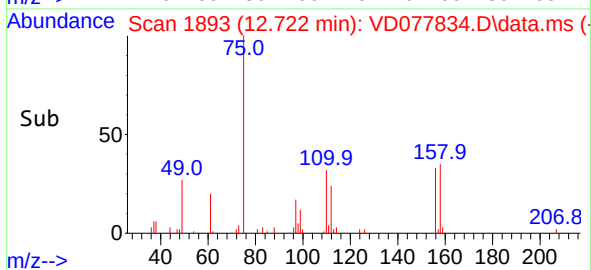
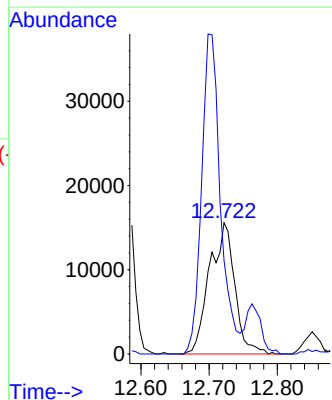
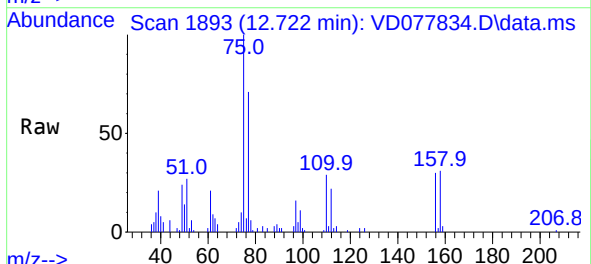
Instrument :
MSVOA_D
ClientSampleId :

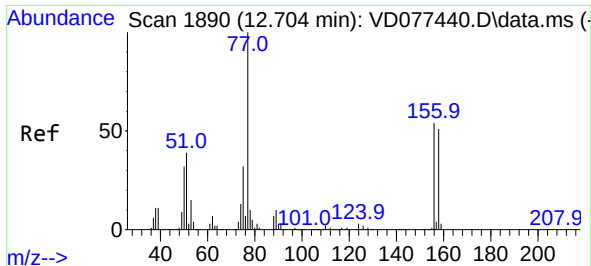
Tgt Ion: 83 Resp: 32526
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 63.3 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 43.474 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 75 Resp: 40104
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

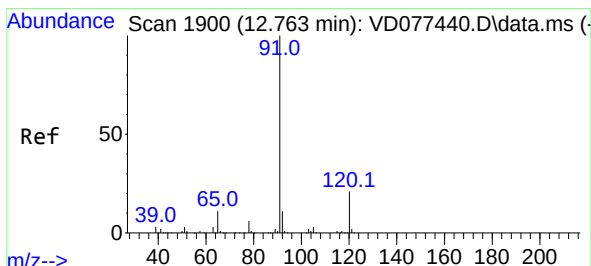
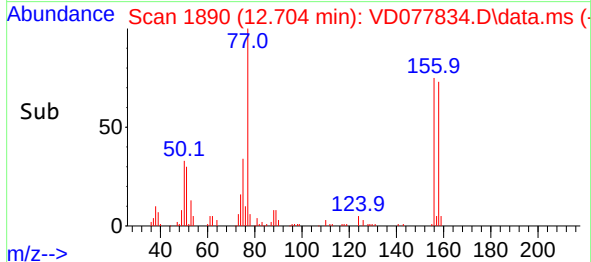
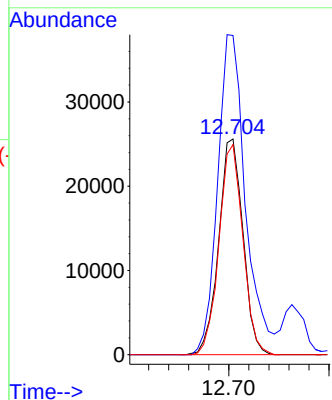
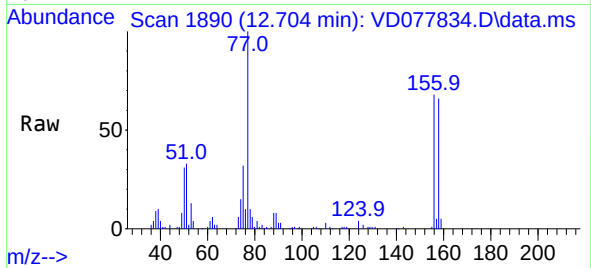




#77
Bromobenzene
Concen: 22.709 ug/l
RT: 12.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

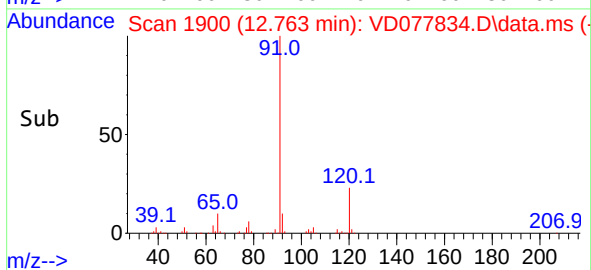
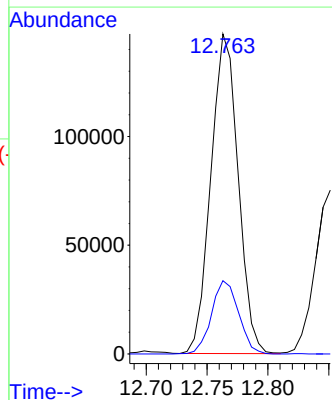
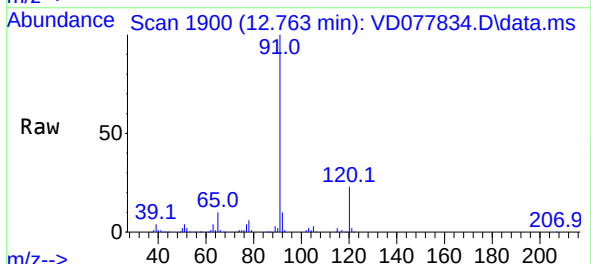
Instrument :
MSVOA_D
ClientSampleId :

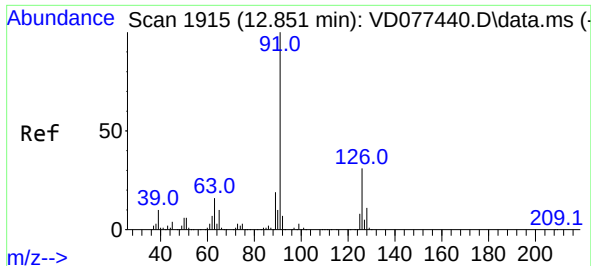
Tgt Ion:156 Resp: 43000
Ion Ratio Lower Upper
156 100
77 170.1 76.8 230.4
158 95.8 48.6 145.9



#78
n-propylbenzene
Concen: 23.364 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 91 Resp: 229189
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2

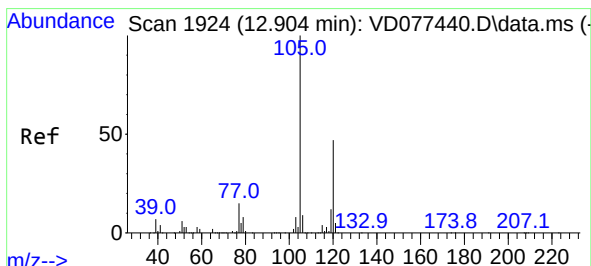
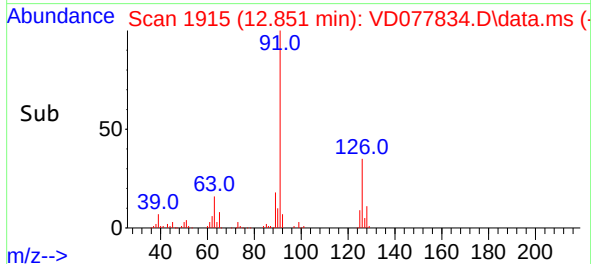
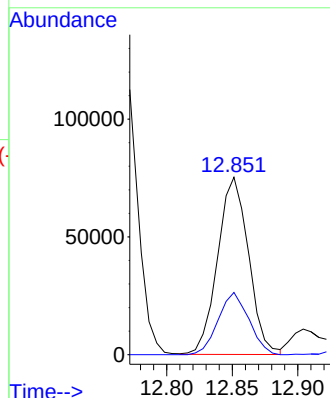
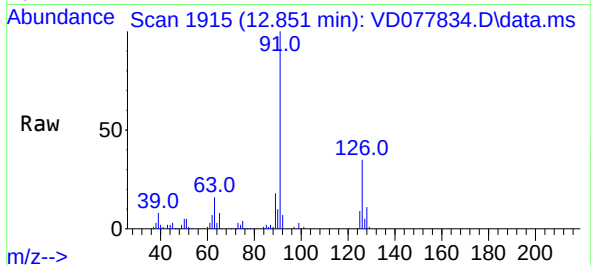




#79
2-Chlorotoluene
Concen: 23.508 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

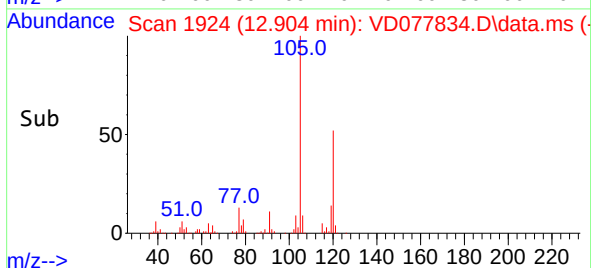
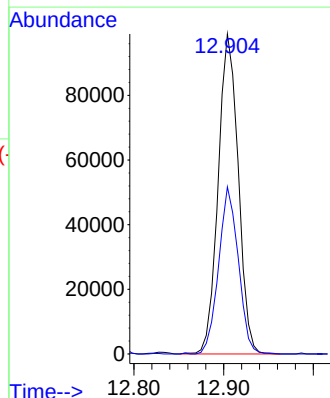
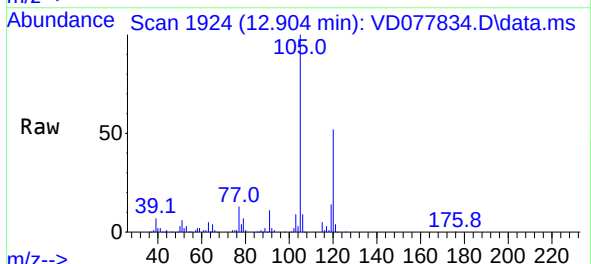
Instrument :
MSVOA_D
ClientSampleId :

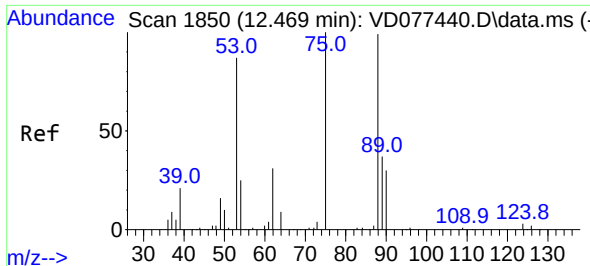
Tgt Ion: 91 Resp: 123584
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 22.888 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion:105 Resp: 153674
Ion Ratio Lower Upper
105 100
120 51.2 26.4 79.2

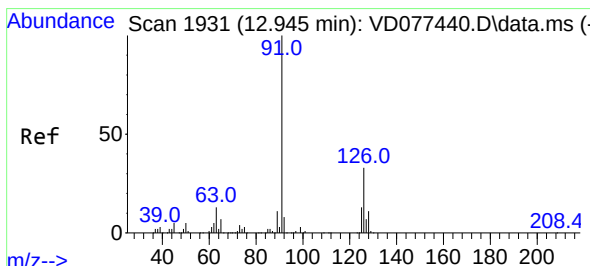
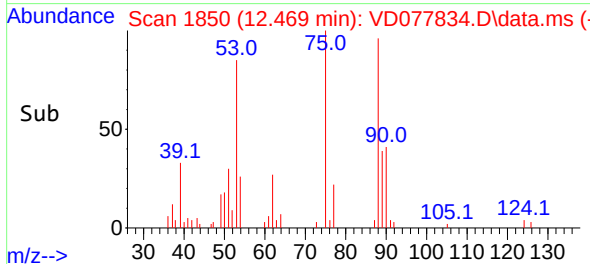
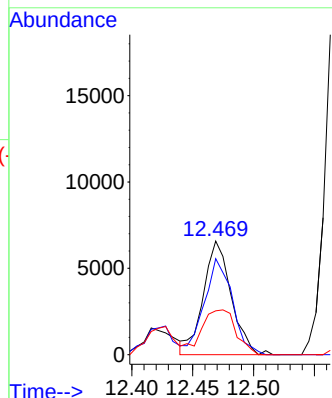
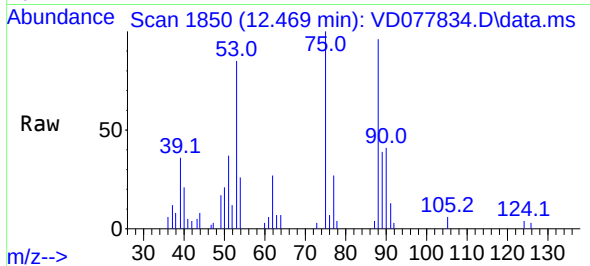




#81
trans-1,4-Dichloro-2-butene
Concen: 23.028 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

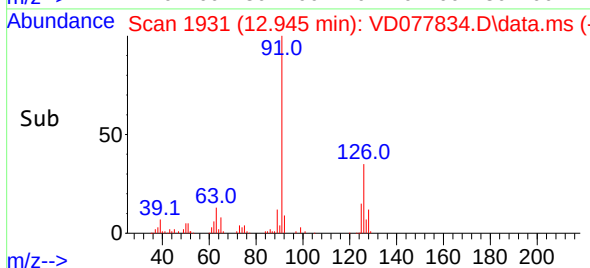
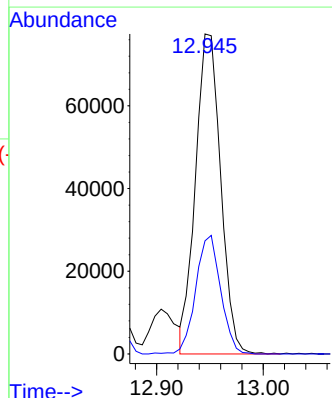
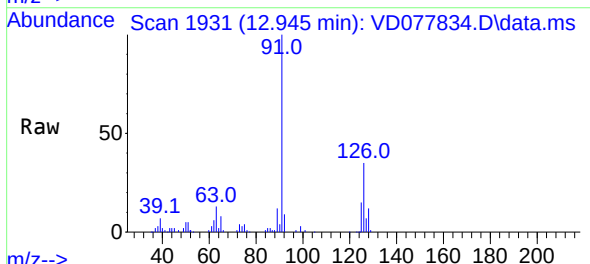
Instrument :
MSVOA_D
ClientSampleId :

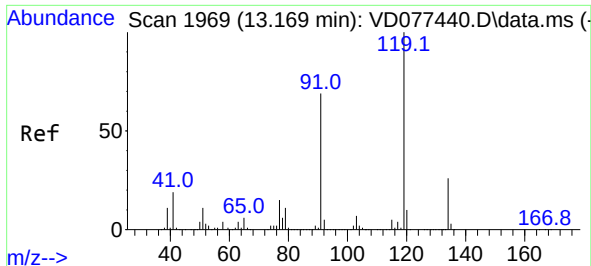
Tgt Ion:	75	Resp:	10485
Ion	Ratio	Lower	Upper
75	100		
53	84.0	63.0	94.4
89	45.0	37.9	56.9



#82
4-Chlorotoluene
Concen: 23.178 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

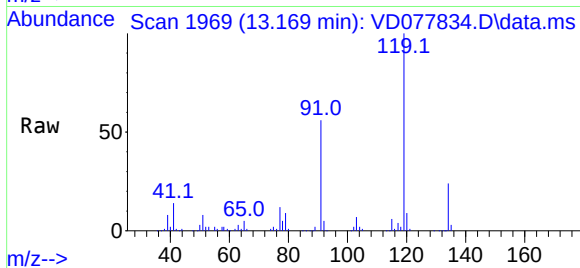
Tgt Ion:	91	Resp:	127380
Ion	Ratio	Lower	Upper
91	100		
126	36.7	19.4	58.4



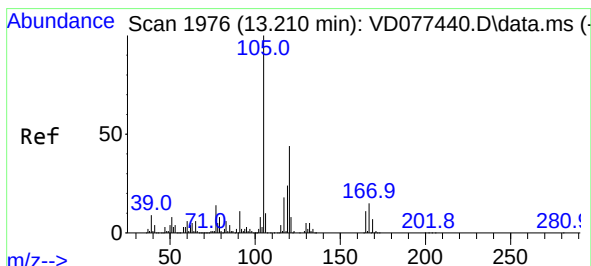
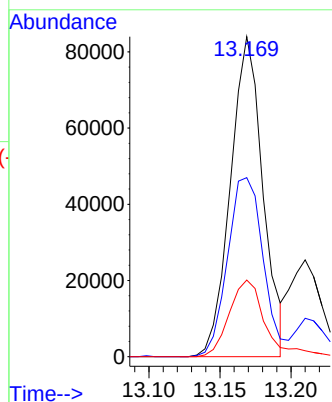
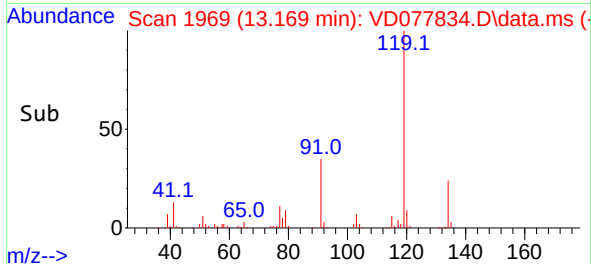


#83
tert-Butylbenzene
Concen: 23.581 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

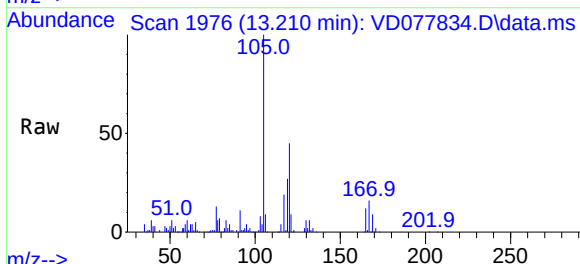
Instrument :
MSVOA_D
ClientSampleId :



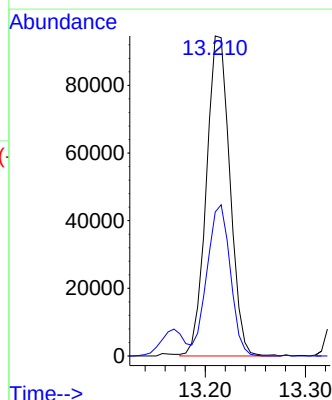
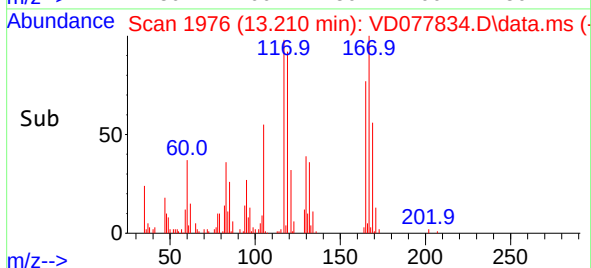
Tgt Ion:119 Resp: 133662
Ion Ratio Lower Upper
119 100
91 61.7 29.3 87.8
134 26.6 14.1 42.3

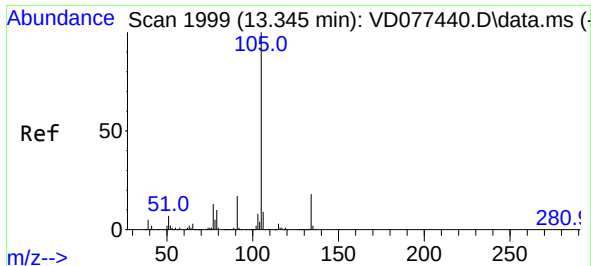


#84
1,2,4-Trimethylbenzene
Concen: 23.024 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04



Tgt Ion:105 Resp: 154617
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.9

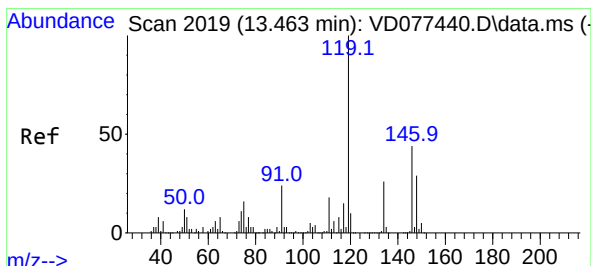
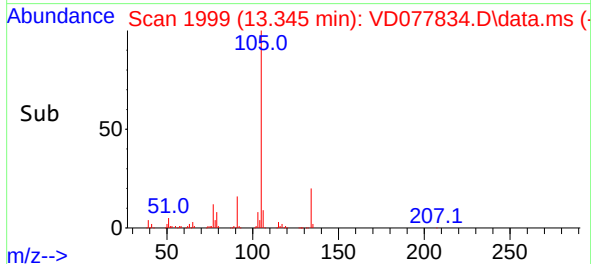
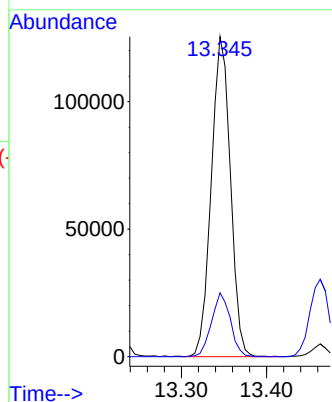
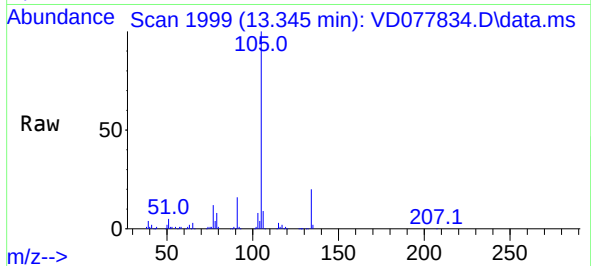




#85
 sec-Butylbenzene
 Concen: 23.330 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077834.D
 Acq: 12 Dec 2023 11:04

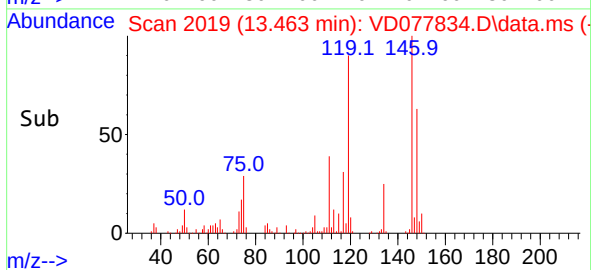
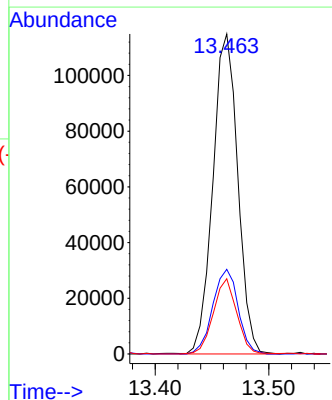
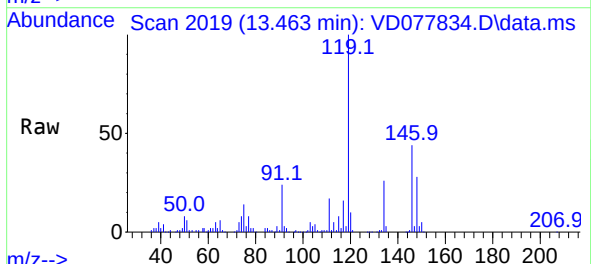
Instrument :
 MSVOA_D
 ClientSampleId :

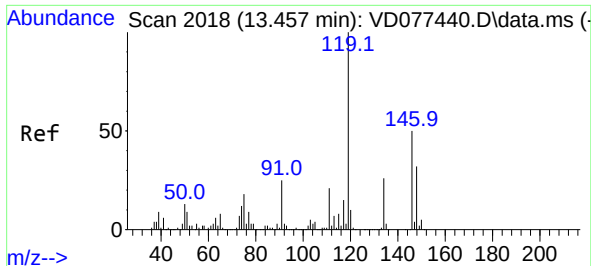
Tgt Ion:105 Resp: 195474
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 23.338 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077834.D
 Acq: 12 Dec 2023 11:04

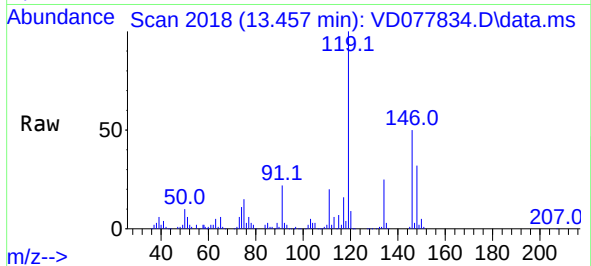
Tgt Ion:119 Resp: 175072
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 22.1 10.5 31.5



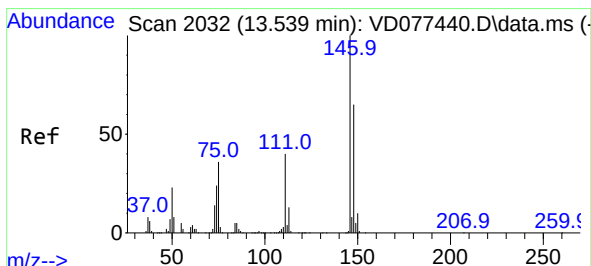
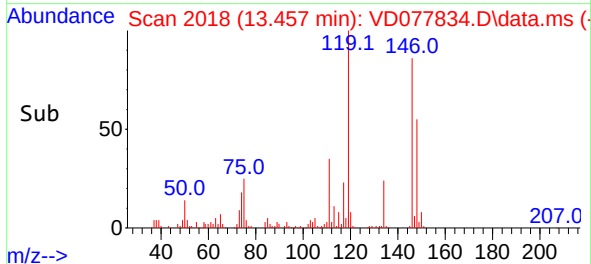
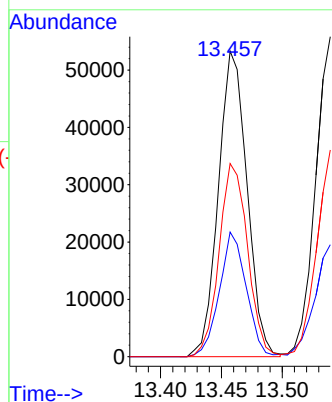


#87
1,3-Dichlorobenzene
Concen: 22.576 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

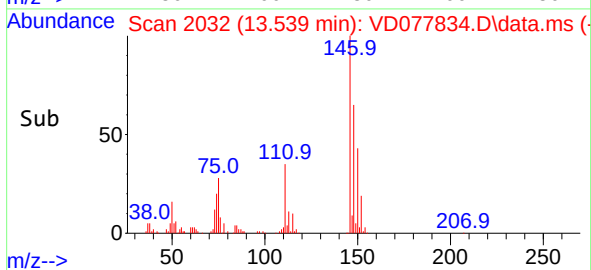
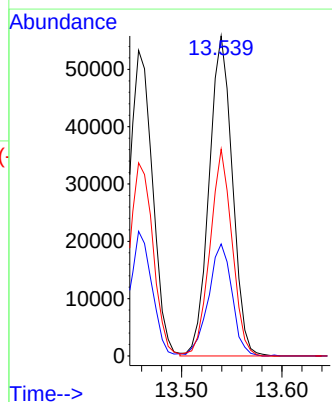
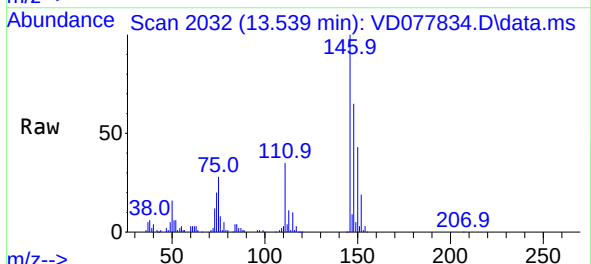


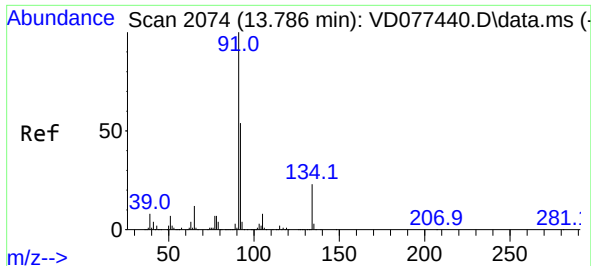
Tgt Ion:146 Resp: 87421
Ion Ratio Lower Upper
146 100
111 38.3 17.9 53.8
148 62.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 22.435 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

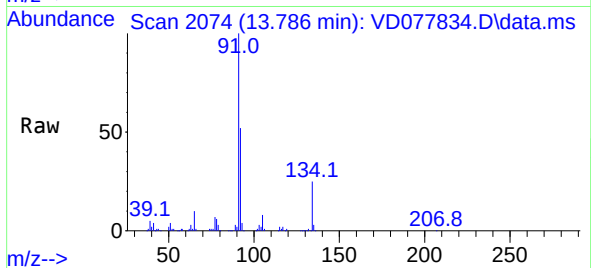
Tgt Ion:146 Resp: 90131
Ion Ratio Lower Upper
146 100
111 35.6 17.4 52.3
148 61.4 31.7 95.1



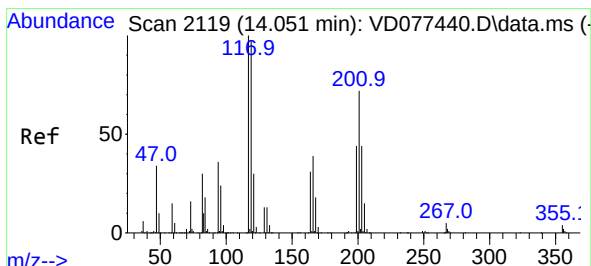
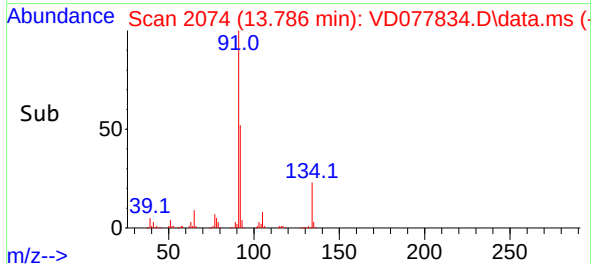
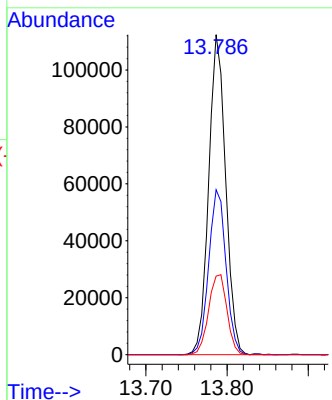


#89
n-Butylbenzene
Concen: 23.060 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

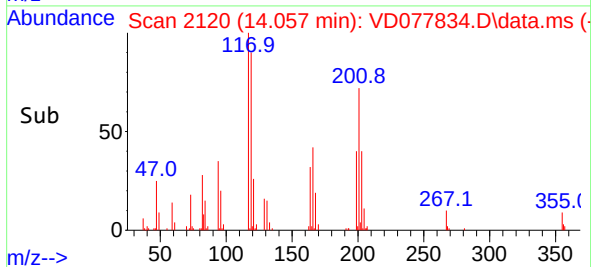
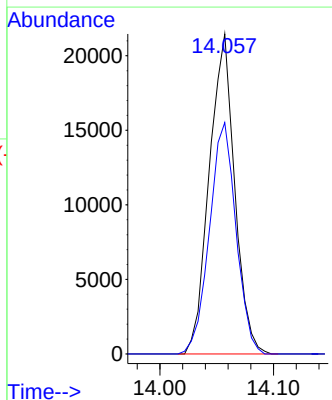
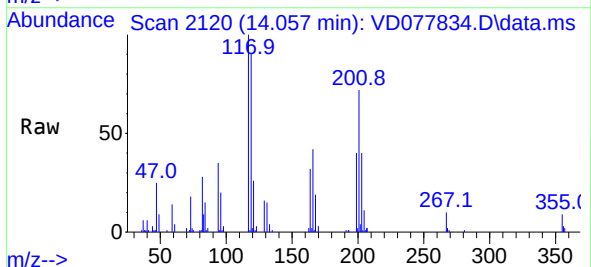


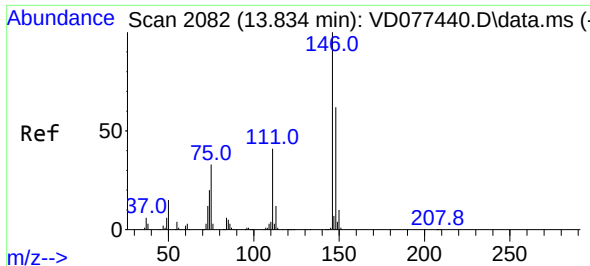
Tgt Ion: 91 Resp: 162774
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 27.0 13.8 41.3



#90
Hexachloroethane
Concen: 24.173 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 117 Resp: 33349
Ion Ratio Lower Upper
117 100
201 75.6 38.5 115.5

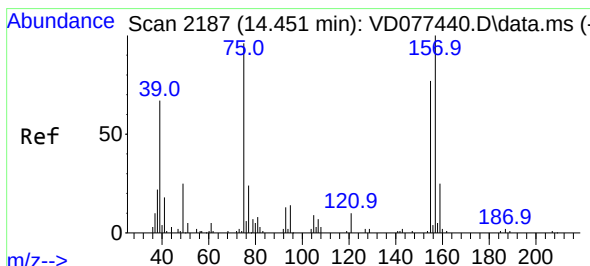
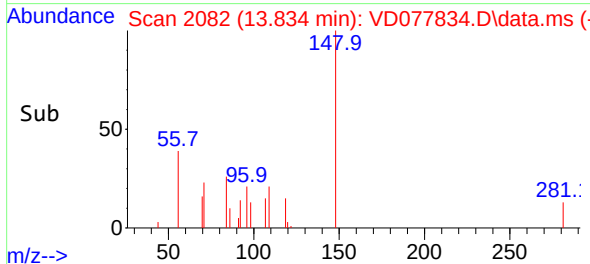
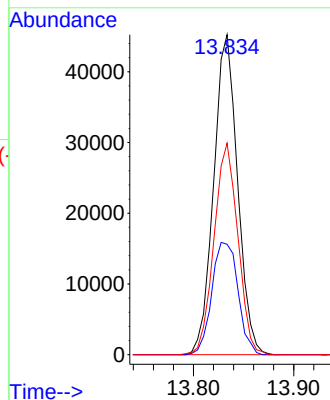
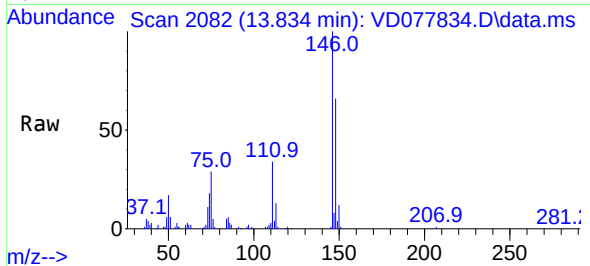




#91
1,2-Dichlorobenzene
Concen: 22.741 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

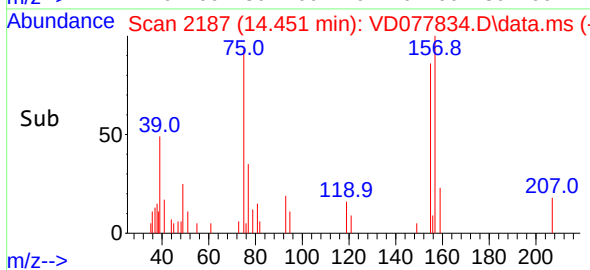
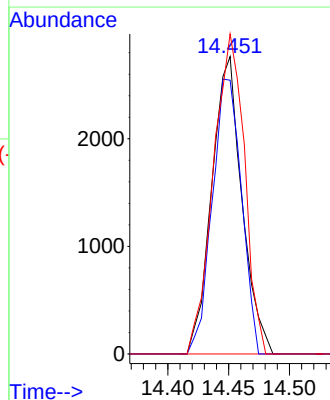
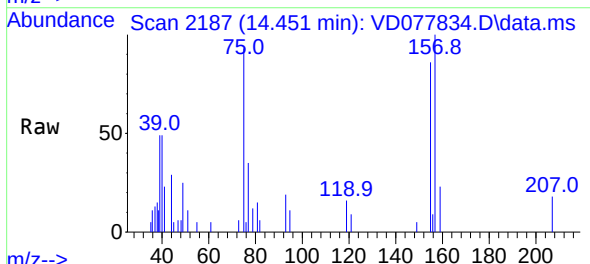
Instrument :
MSVOA_D
ClientSampleId :

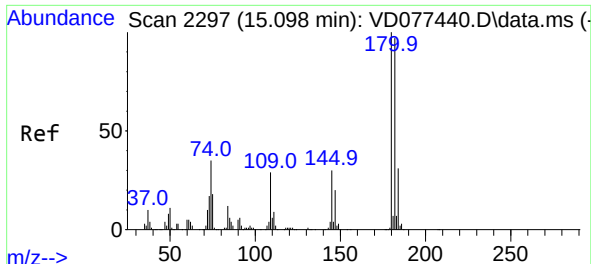
Tgt Ion:146 Resp: 74891
Ion Ratio Lower Upper
146 100
111 38.4 18.3 54.8
148 65.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.948 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion: 75 Resp: 4774
Ion Ratio Lower Upper
75 100
155 89.4 47.9 143.8
157 110.7 59.9 179.7

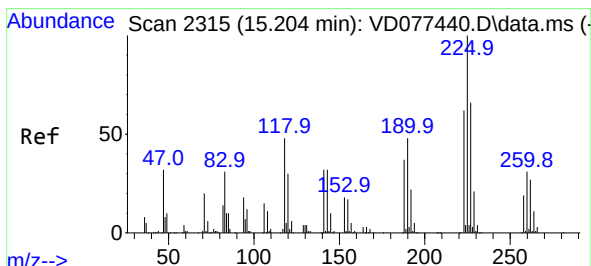
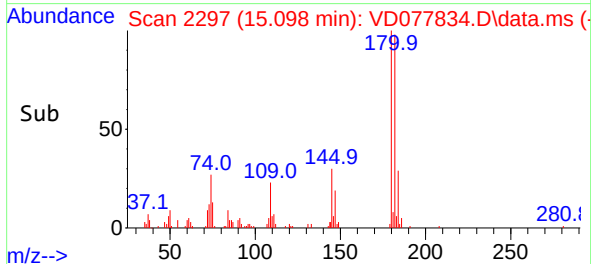
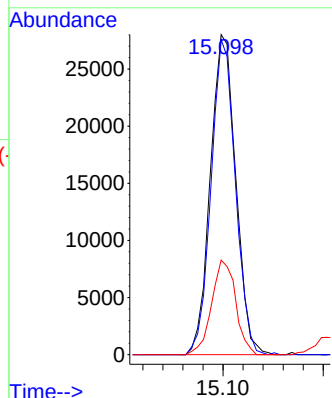
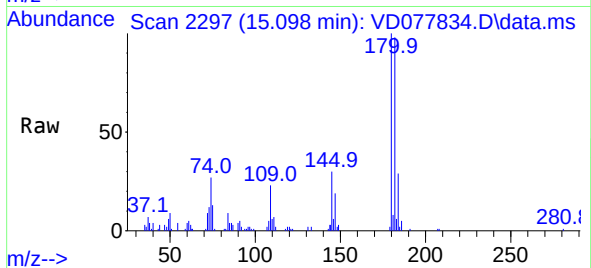




#93
1,2,4-Trichlorobenzene
Concen: 21.876 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

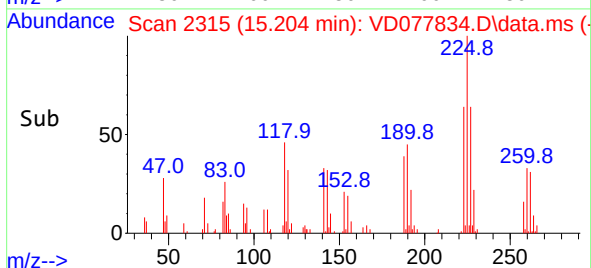
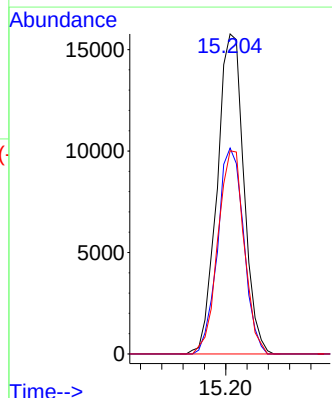
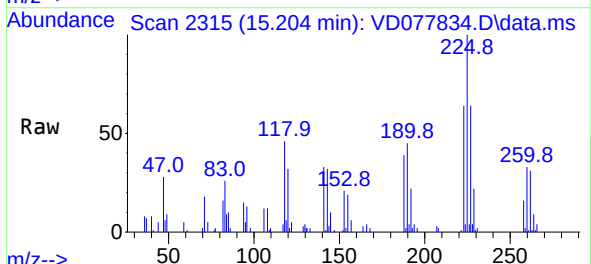
Instrument :
MSVOA_D
ClientSampleId :

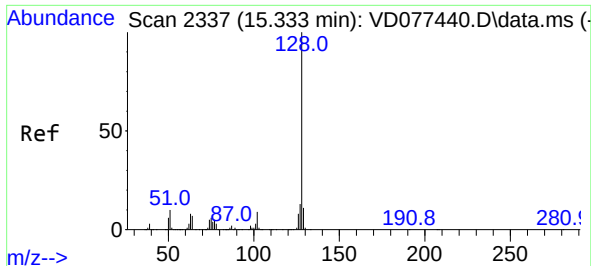
Tgt Ion:180 Resp: 49209
Ion Ratio Lower Upper
180 100
182 94.3 48.5 145.6
145 28.0 14.2 42.6



#94
Hexachlorobutadiene
Concen: 22.534 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion:225 Resp: 27334
Ion Ratio Lower Upper
225 100
223 63.0 31.6 94.8
227 62.4 31.7 95.1

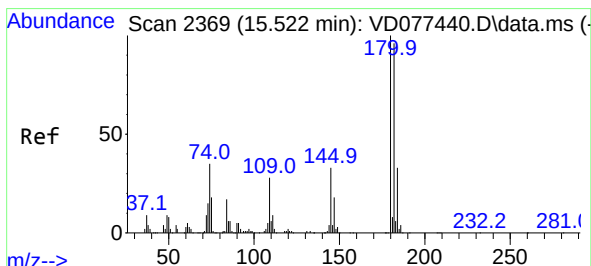
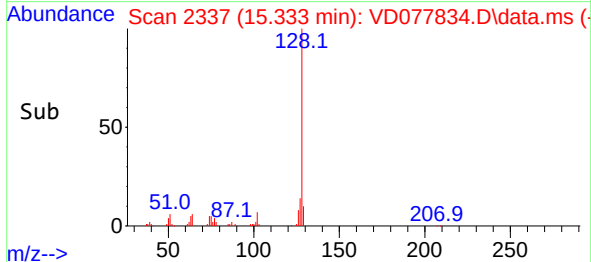
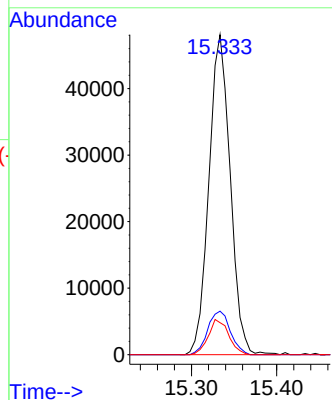
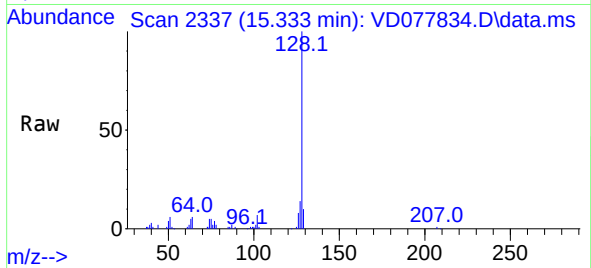




#95
Naphthalene
Concen: 22.369 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 83605
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.289 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077834.D
Acq: 12 Dec 2023 11:04

Tgt Ion:180 Resp: 41334
Ion Ratio Lower Upper
180 100
182 91.5 47.3 141.9
145 30.8 15.1 45.3

