

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111523\
 Data File : VD077574.D
 Acq On : 15 Nov 2023 08:40
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 05:41:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	309365	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	284196	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	139911	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	169229	21.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.000%
7) Chloroethane-d5	2.811	69	147502	23.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	3.928	65	54065	22.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.880%
21) 2-Butanone-d5	6.987	46	67375	49.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.900%
24) Chloroform-d	7.569	84	231010	25.849	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	8.234	65	118332	24.893	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.560%
32) Benzene-d6	8.204	84	448105	24.294	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.160%
36) 1,2-Dichloropropane-d6	9.210	67	147903	24.617	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.269	98	411781	24.705	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.840%
43) trans-1,3-Dichloroprop...	10.528	79	61856	23.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.520%
47) 2-Hexanone-d5	10.875	63	54249	50.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104288	26.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	125882	25.291	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	116336	23.350	ug/L	99
3) Chloromethane	2.152	50	167151	23.319	ug/L	100
5) Vinyl chloride	2.287	62	189698	23.447	ug/L	100
6) Bromomethane	2.705	94	103730	24.083	ug/L	96
8) Chloroethane	2.846	64	123300	24.514	ug/L	98
9) Trichlorofluoromethane	3.187	101	179667	24.402	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	110194	24.320	ug/L	98
12) 1,1-Dichloroethene	3.952	96	102281	23.249	ug/L	91
13) Acetone	4.022	43	70000	48.875	ug/L	97
14) Carbon disulfide	4.281	76	351338	22.179	ug/L	99
15) Methyl Acetate	4.558	43	51183	21.723	ug/L	97
16) Methylene chloride	4.811	84	109807	21.023	ug/L	98
17) trans-1,2-Dichloroethene	5.322	96	105870	22.877	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	248236	22.854	ug/L #	86
19) 1,1-Dichloroethane	6.116	63	219738	23.666	ug/L	95
20) cis-1,2-Dichloroethene	7.087	96	117588	23.387	ug/L	99
22) 2-Butanone	7.087	43	73850	42.855	ug/L	95
23) Bromochloromethane	7.428	128	47554	23.539	ug/L	93
25) Chloroform	7.599	83	205530	24.096	ug/L	100

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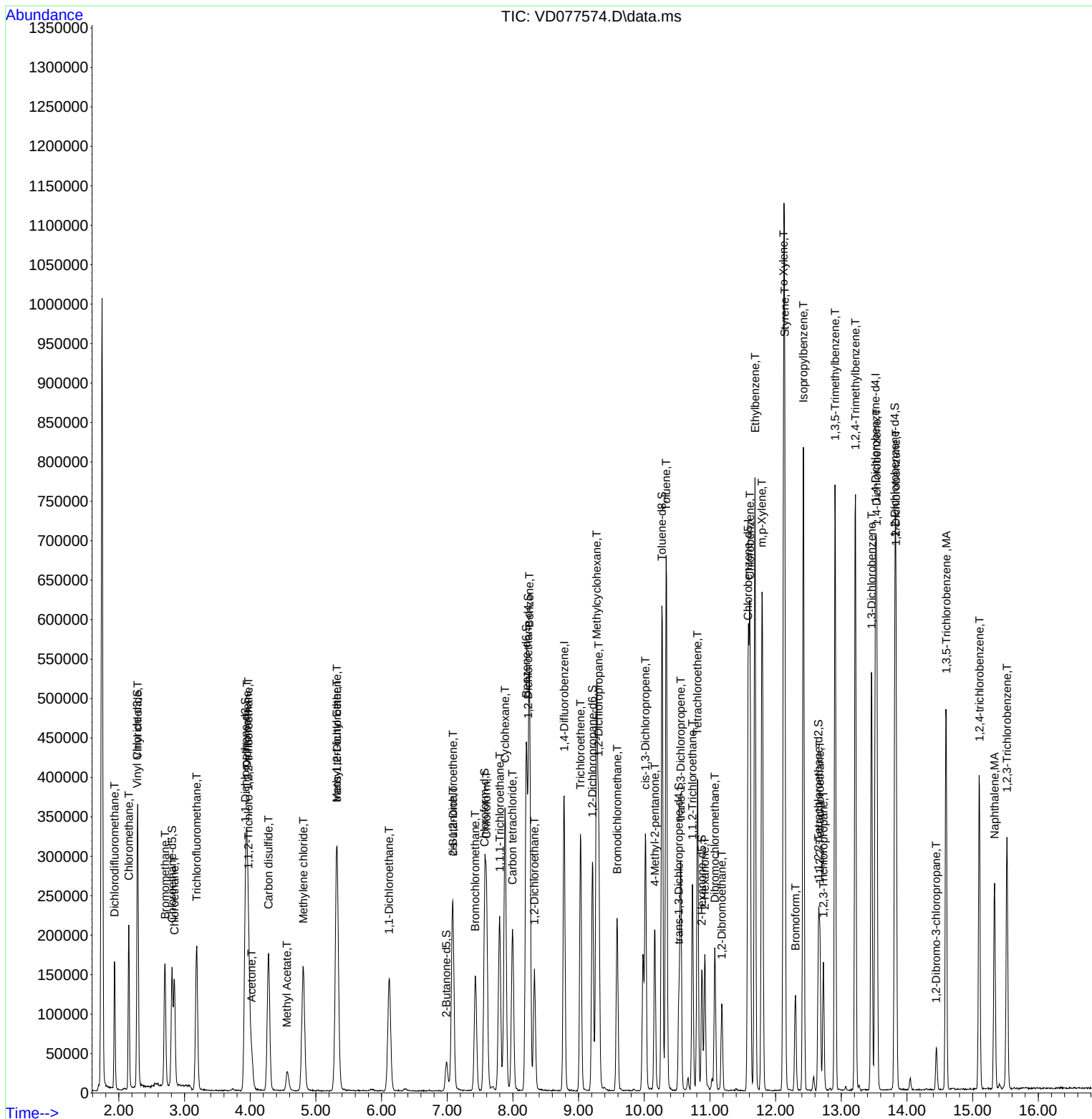
Instrument :
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 ClientSampleId :

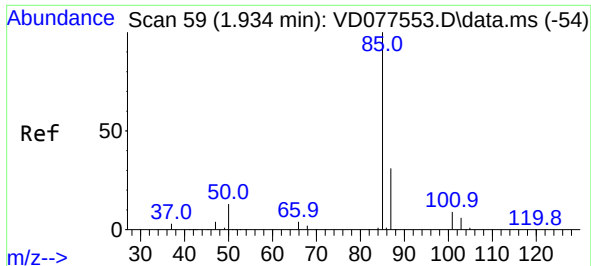
Quant Time: Nov 16 05:41:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	130763	23.126	ug/L	95
29) Cyclohexane	7.881	56	207059	22.440	ug/L	100
30) 1,1,1-Trichloroethane	7.799	97	180913	24.317	ug/L	98
31) Carbon tetrachloride	7.993	117	153251	23.968	ug/L	98
33) Benzene	8.252	78	470015	23.849	ug/L	100
34) Trichloroethene	9.028	95	116387	23.833	ug/L	92
35) Methylcyclohexane	9.275	83	206080	23.385	ug/L	100
37) 1,2-Dichloropropane	9.304	63	128843	23.517	ug/L	99
38) Bromodichloromethane	9.587	83	148725	23.666	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	193209	22.949	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	145683	43.634	ug/L	98
42) Toluene	10.334	91	496567	23.999	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	162216	23.318	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	79209	23.651	ug/L	97
46) Tetrachloroethene	10.810	164	85336	23.749	ug/L	96
48) 2-Hexanone	10.922	43	117431	44.373	ug/L	98
49) Dibromochloromethane	11.075	129	88575	23.284	ug/L	99
50) 1,2-Dibromoethane	11.181	107	72003	22.483	ug/L #	98
51) Chlorobenzene	11.610	112	288879	23.831	ug/L	100
52) Ethylbenzene	11.687	91	543904	23.890	ug/L	100
53) m,p-Xylene	11.793	106	198546	23.965	ug/L	96
54) o-Xylene	12.122	106	190004	23.946	ug/L	93
55) Styrene	12.140	104	337283	24.345	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	92269	23.387	ug/L	95
59) Bromoform	12.304	173	53652	22.492	ug/L #	98
60) Isopropylbenzene	12.422	105	529660	23.404	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	63766	21.396	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	400527	23.319	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	408794	23.496	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	217596	23.437	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	219699	23.448	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	188062	22.911	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	13802	21.291	ug/L	93
69) 1,3,5-Trichlorobenzene	14.598	180	147909	23.397	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	123810	23.238	ug/L	99
71) Naphthalene	15.334	128	218389	21.749	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	105941	23.320	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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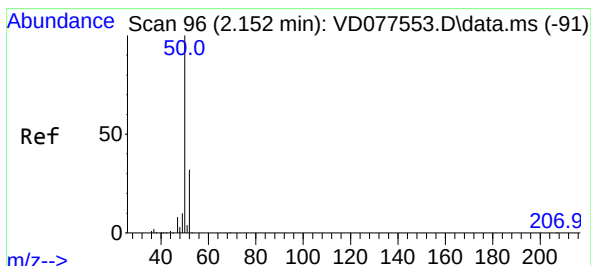
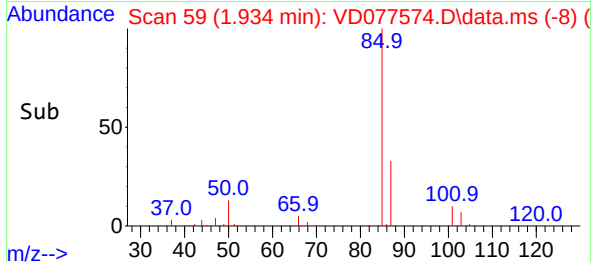
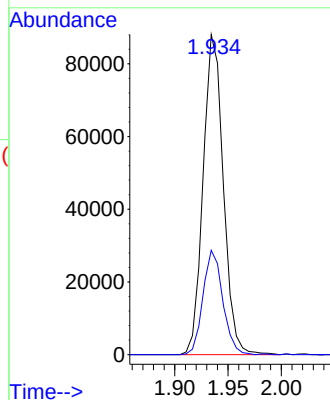
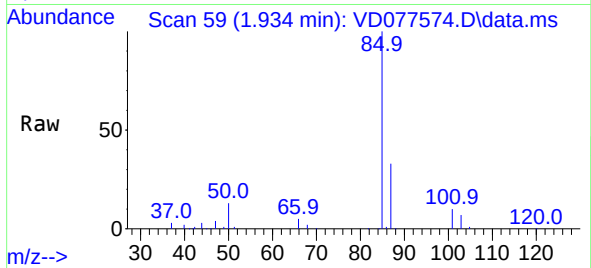




#2
Dichlorodifluoromethane
Concen: 23.350 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

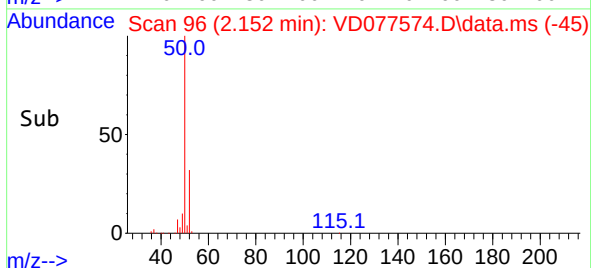
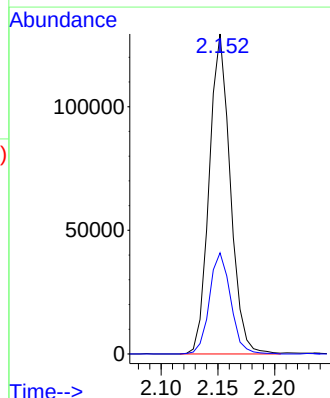
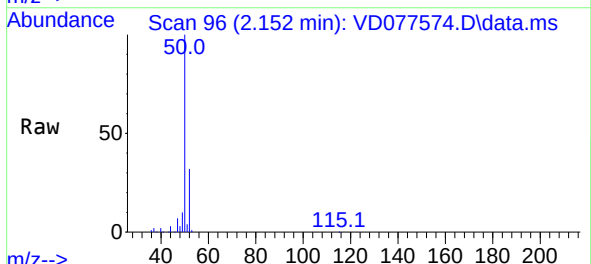
Instrument :
MSVOA_D
ClientSampleId :

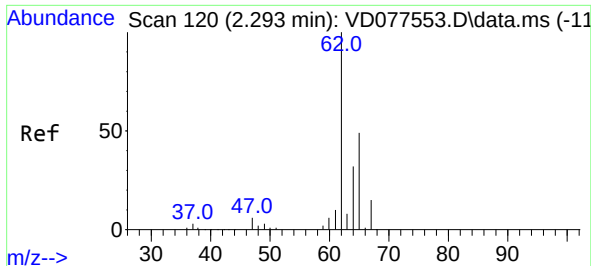
Tgt Ion: 85 Resp: 116336
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.2



#3
Chloromethane
Concen: 23.319 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion: 50 Resp: 167151
Ion Ratio Lower Upper
50 100
52 31.6 22.1 41.1

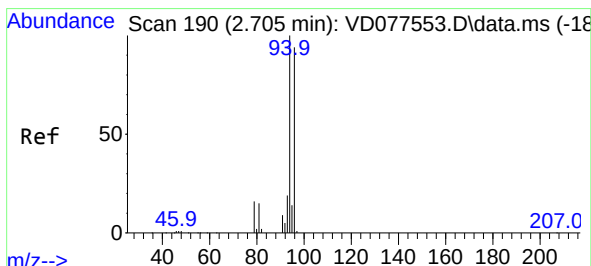
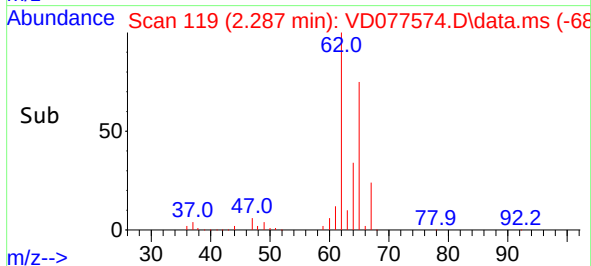
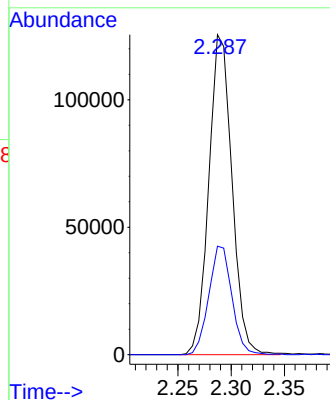
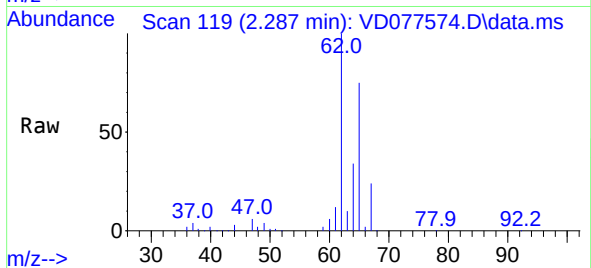




#5
 Vinyl chloride
 Concen: 23.447 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD077574.D
 Acq: 15 Nov 2023 08:40

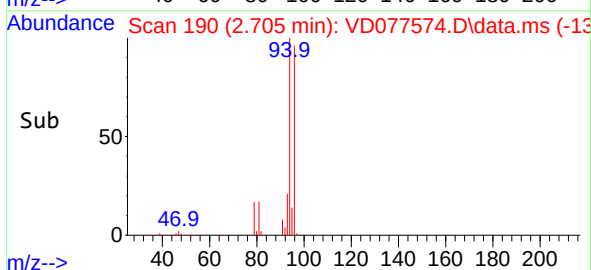
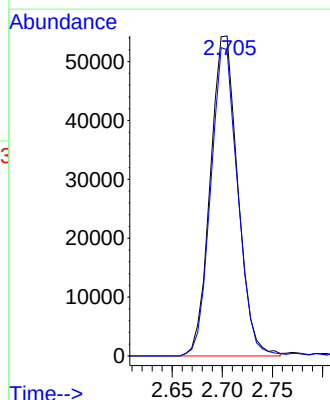
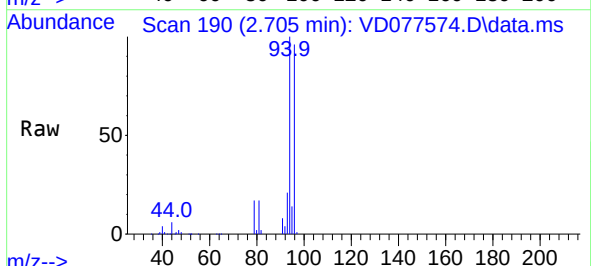
Instrument :
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 ClientSampleId :

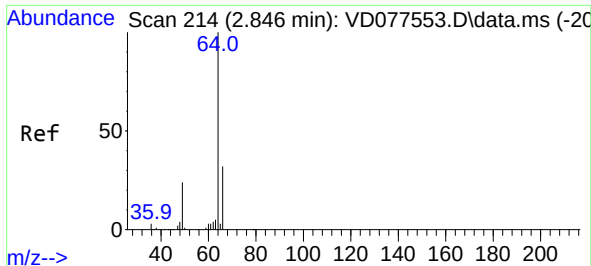
Tgt Ion: 62 Resp: 189698
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.9 44.5



#6
 Bromomethane
 Concen: 24.083 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD077574.D
 Acq: 15 Nov 2023 08:40

Tgt Ion: 94 Resp: 103730
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.5 119.9

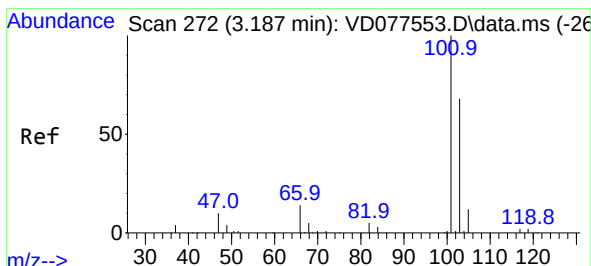
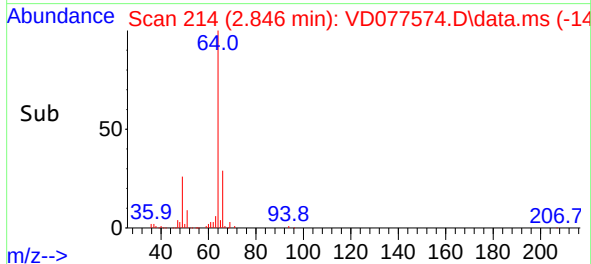
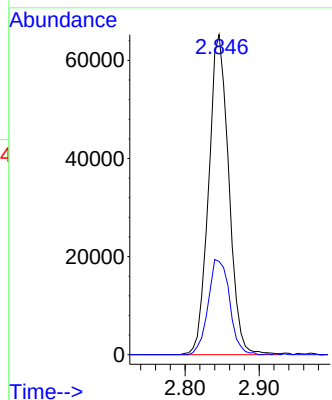
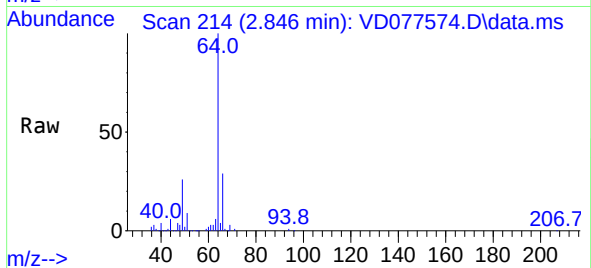




#8
Chloroethane
Concen: 24.514 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

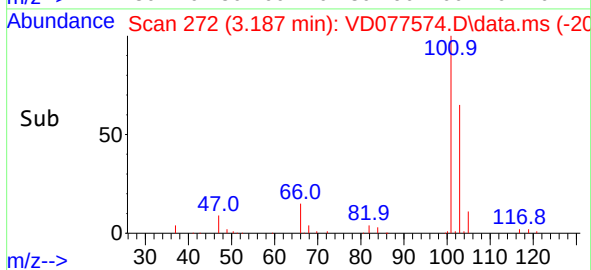
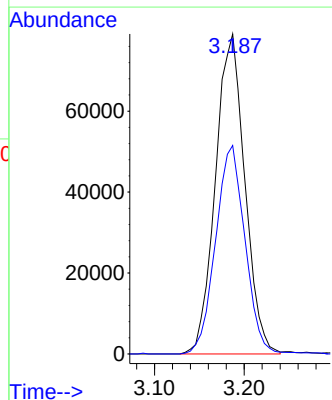
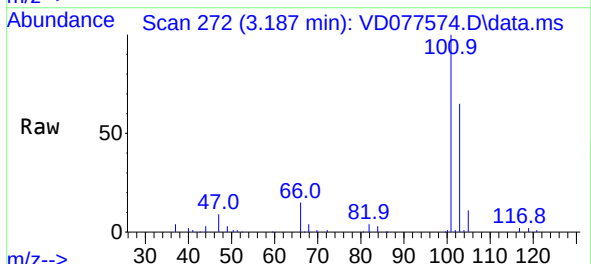
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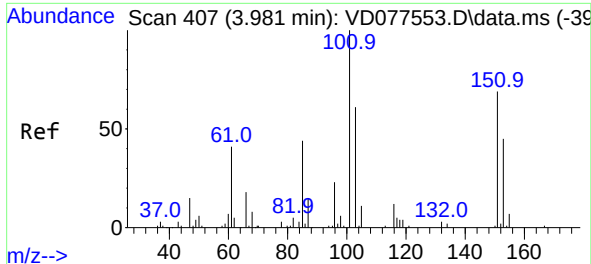
Tgt Ion: 64 Resp: 123300
Ion Ratio Lower Upper
64 100
66 29.2 19.8 36.8



#9
Trichlorofluoromethane
Concen: 24.402 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.012 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion:101 Resp: 179667
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9

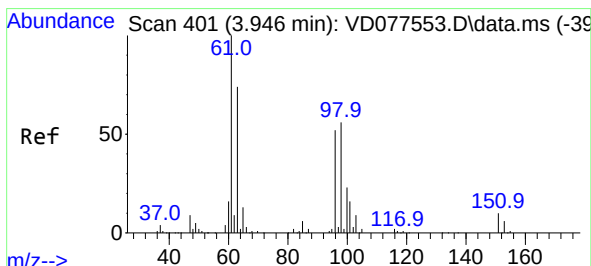
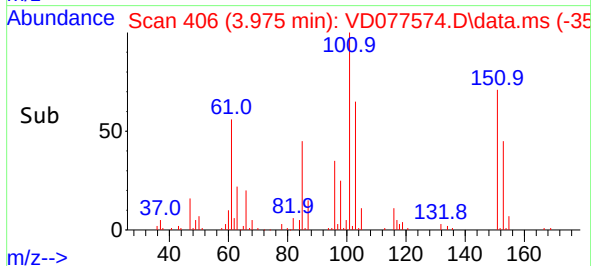
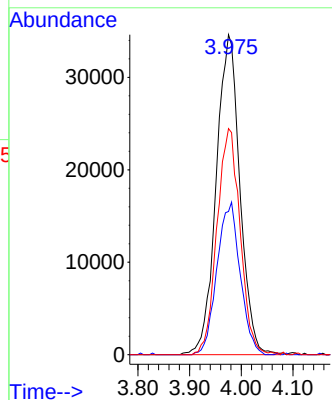
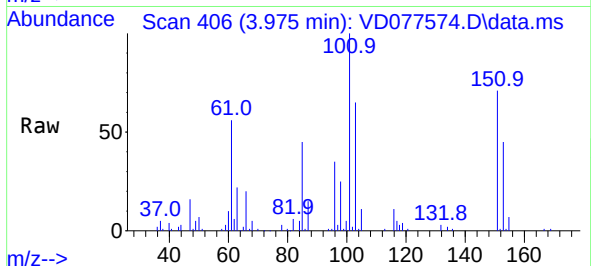




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.320 ug/L
RT: 3.975 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

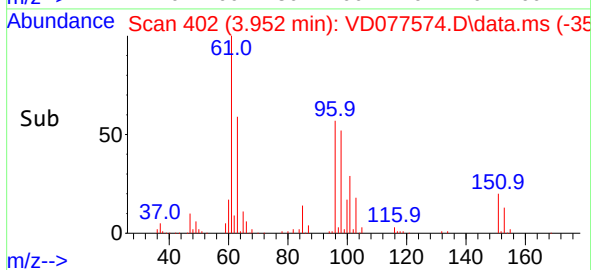
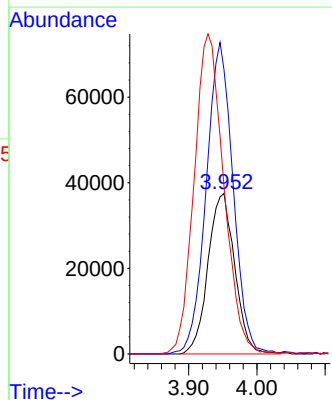
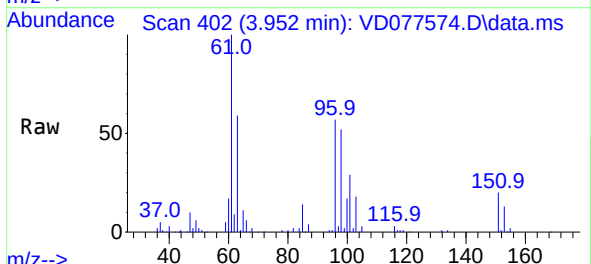
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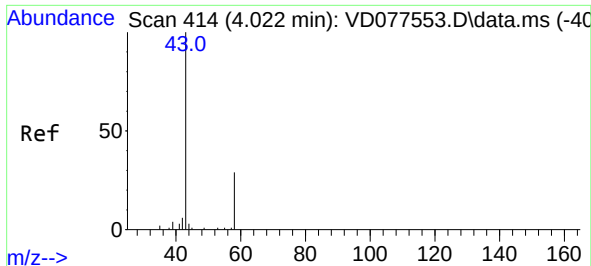
Tgt Ion:101 Resp: 110194
Ion Ratio Lower Upper
101 100
85 46.5 36.8 55.2
151 68.8 56.6 84.8



#12
1,1-Dichloroethene
Concen: 23.249 ug/L
RT: 3.952 min Scan# 402
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion: 96 Resp: 102281
Ion Ratio Lower Upper
96 100
61 176.8 127.5 236.9
63 104.3 86.4 160.4





#13

Acetone

Concen: 48.875 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

Instrument :

MSVOA_D

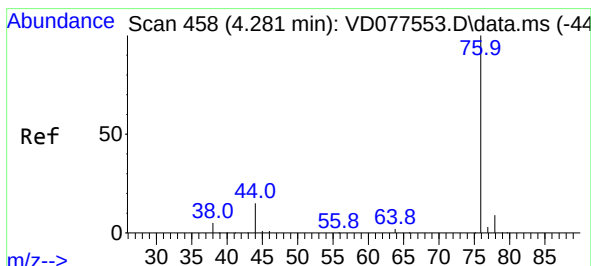
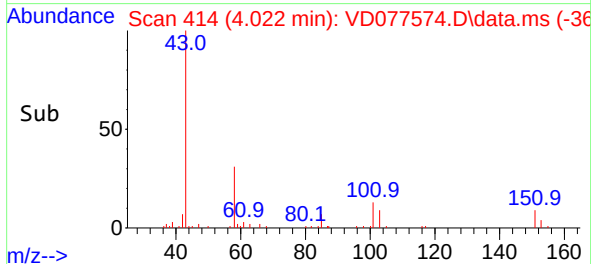
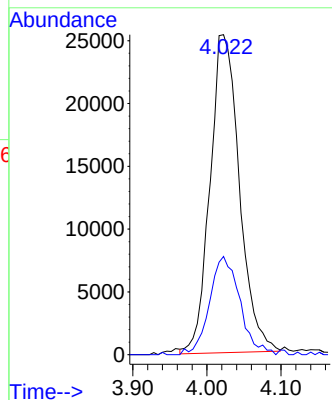
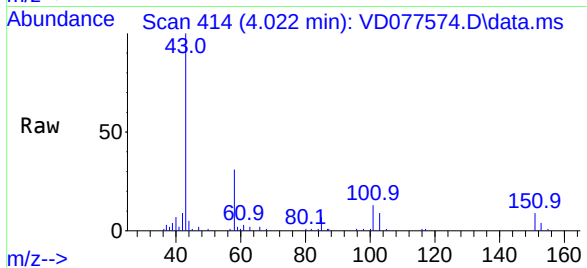
ClientSampleId :

Tgt Ion: 43 Resp: 70000

Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.0



#14

Carbon disulfide

Concen: 22.179 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD077574.D

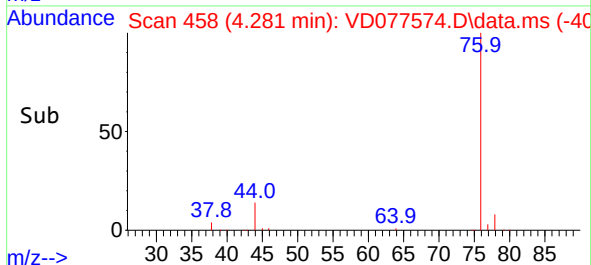
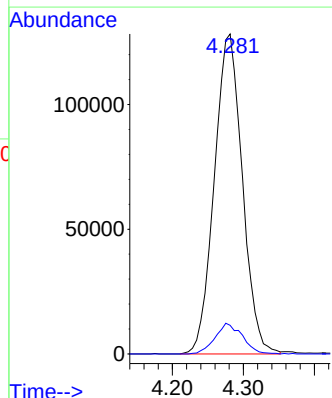
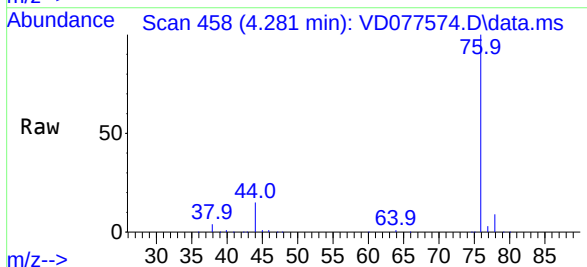
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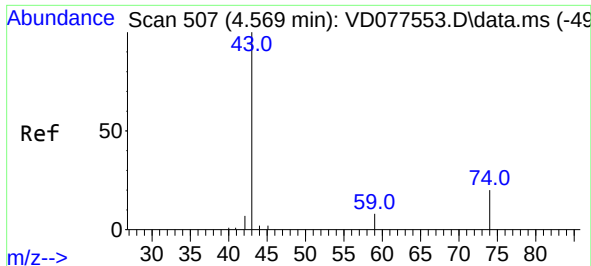
Tgt Ion: 76 Resp: 351338

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3

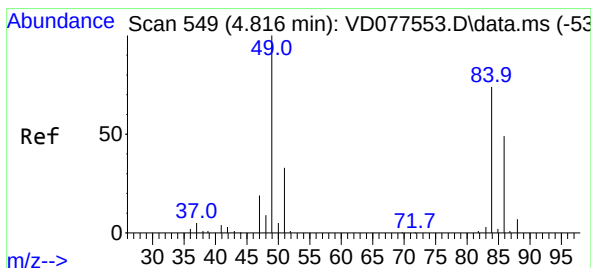
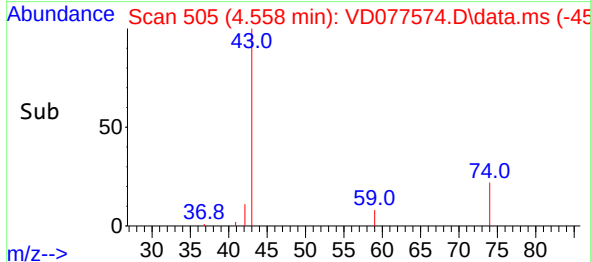
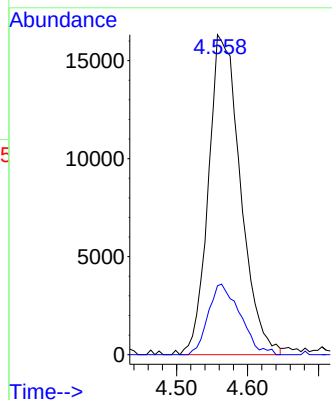
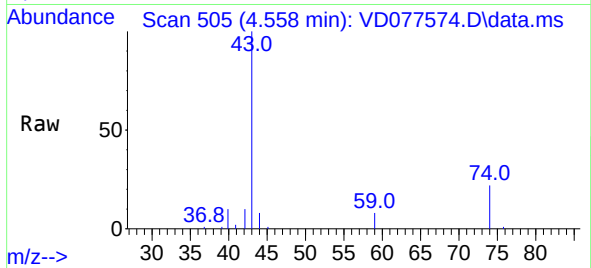




#15
Methyl Acetate
Concen: 21.723 ug/L
RT: 4.558 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

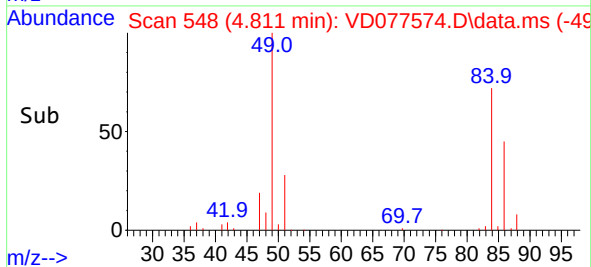
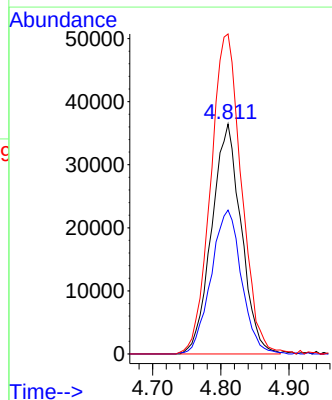
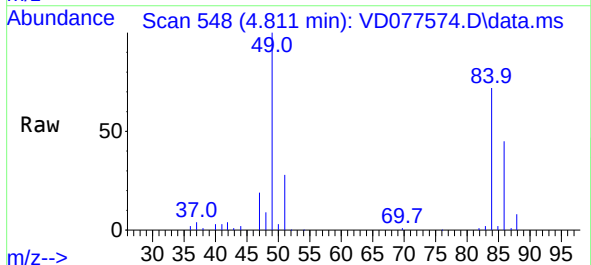
Instrument :
MSVOA_D
ClientSampleId :

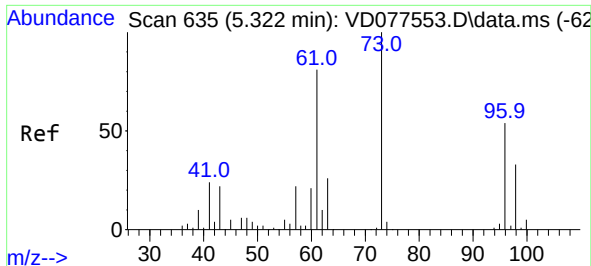
Tgt Ion: 43 Resp: 51183
Ion Ratio Lower Upper
43 100
74 22.0 16.6 24.8



#16
Methylene chloride
Concen: 21.023 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

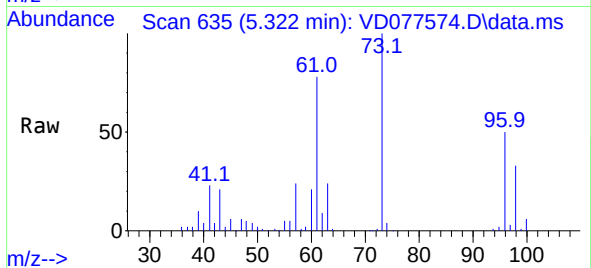
Tgt Ion: 84 Resp: 109807
Ion Ratio Lower Upper
84 100
86 62.5 46.5 86.5
49 139.2 98.3 182.7



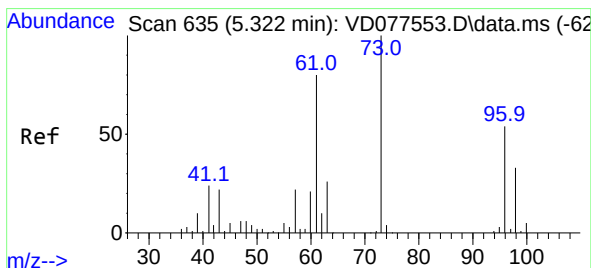
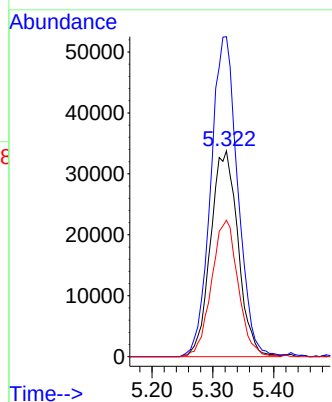
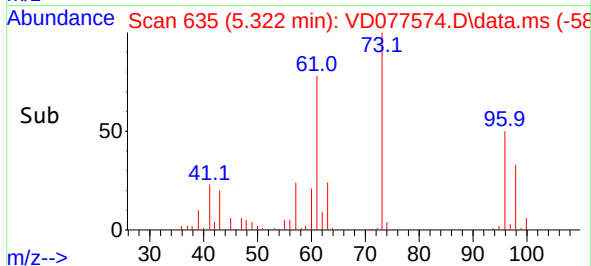


#17
trans-1,2-Dichloroethene
Concen: 22.877 ug/L
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

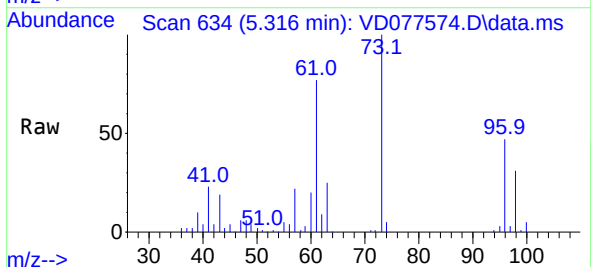
Instrument :
MSVOA_D
ClientSampleId :



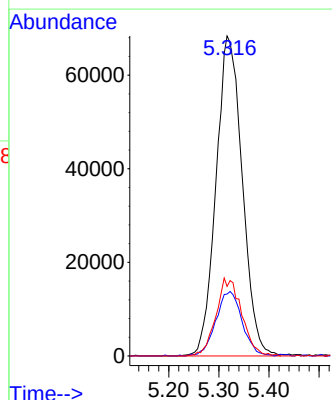
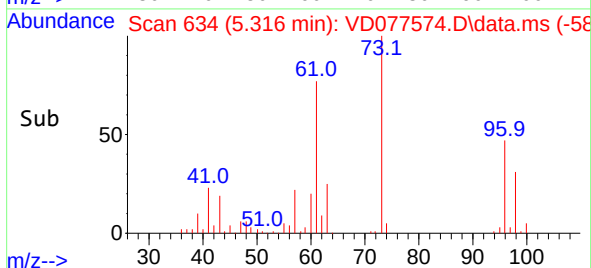
Tgt Ion: 96 Resp: 105870
Ion Ratio Lower Upper
96 100
61 155.5 104.0 193.2
98 66.4 43.1 80.1

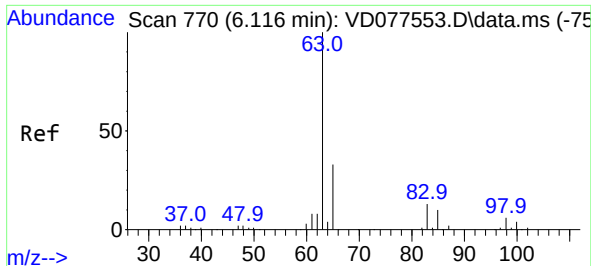


#18
Methyl tert-butyl Ether
Concen: 22.854 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40



Tgt Ion: 73 Resp: 248236
Ion Ratio Lower Upper
73 100
43 20.1 16.4 24.6
57 11.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.666 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.000 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

Instrument :

MSVOA_D

ClientSampleId :

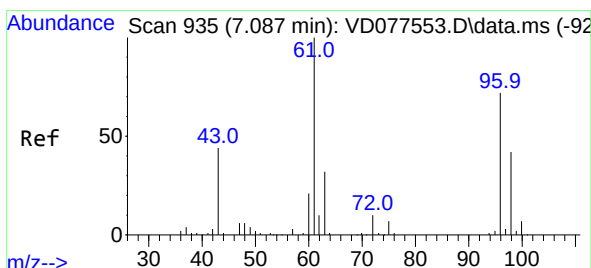
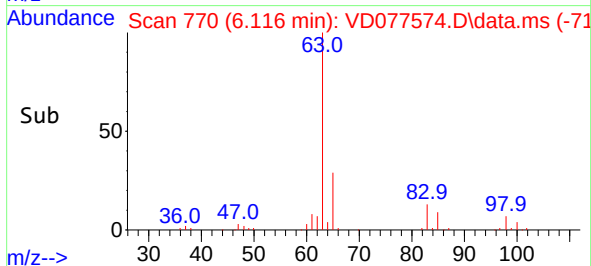
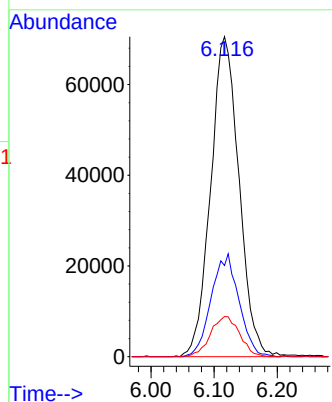
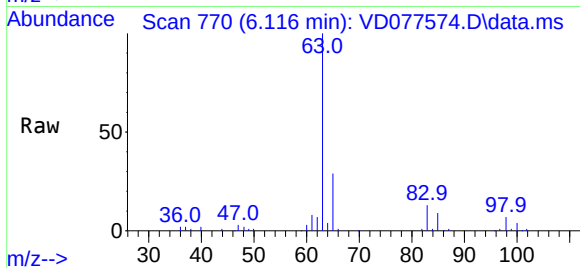
Tgt Ion: 63 Resp: 219738

Ion Ratio Lower Upper

63 100

65 28.5 22.6 42.0

83 12.6 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 23.387 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

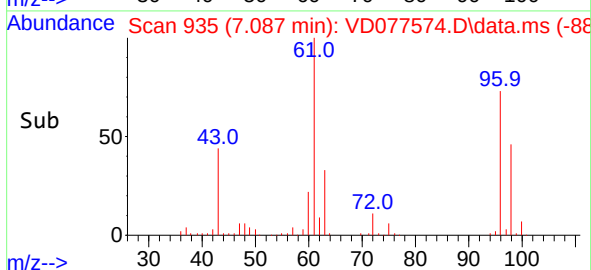
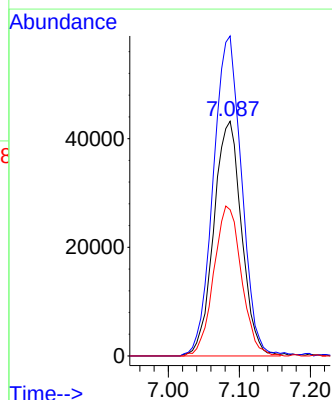
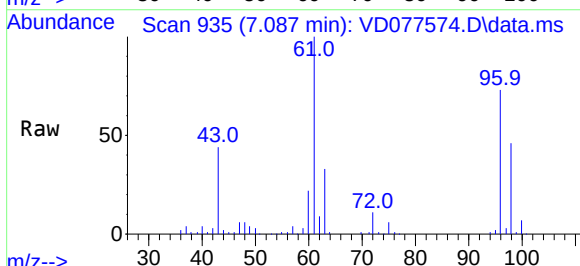
Tgt Ion: 96 Resp: 117588

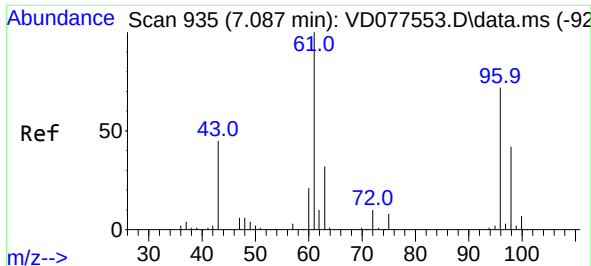
Ion Ratio Lower Upper

96 100

61 136.3 95.0 176.4

98 62.3 43.1 80.1

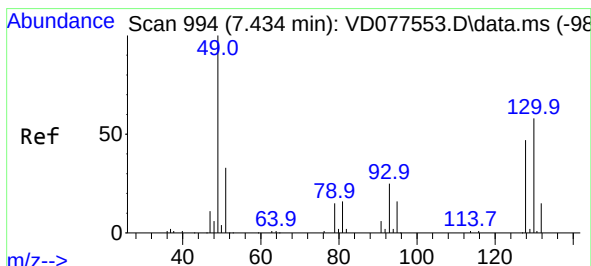
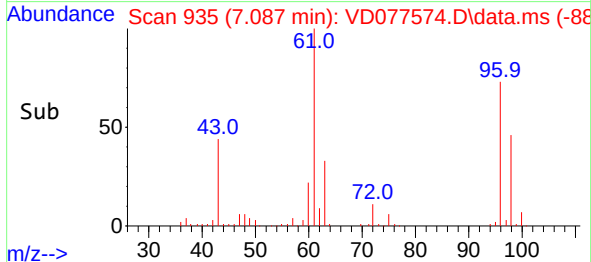
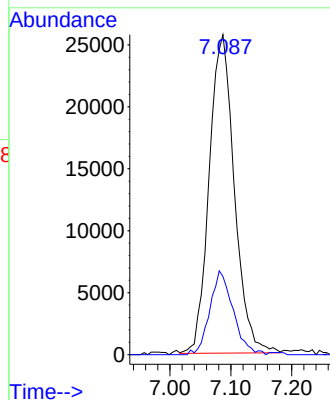
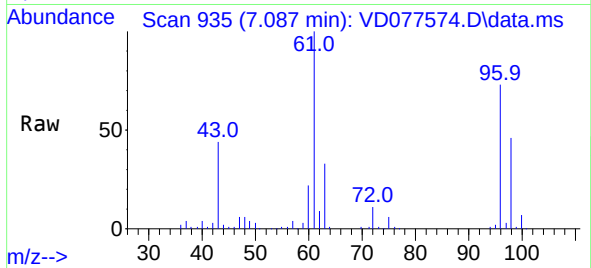




#22
2-Butanone
Concen: 42.855 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

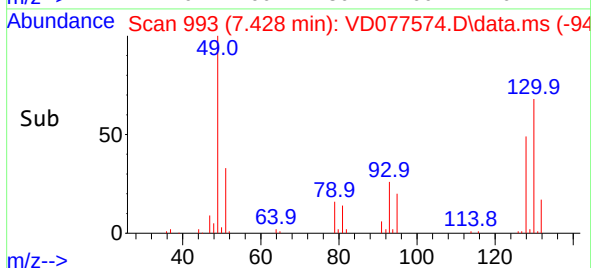
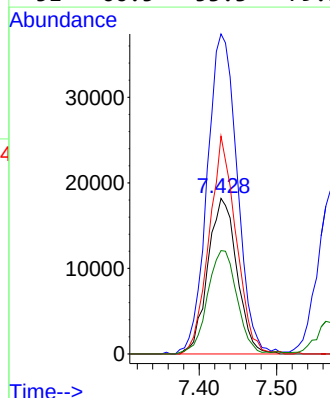
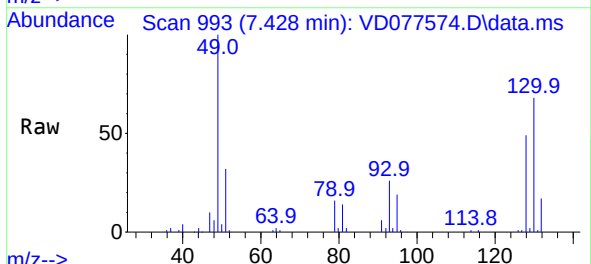
Instrument :
MSVOA_D
ClientSampleId :

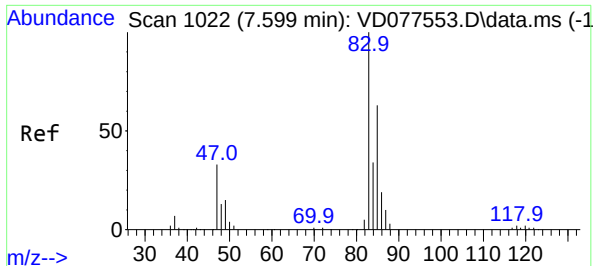
Tgt Ion: 43 Resp: 73850
Ion Ratio Lower Upper
43 100
72 23.2 12.8 38.4



#23
Bromochloromethane
Concen: 23.539 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion:128 Resp: 47554
Ion Ratio Lower Upper
128 100
49 205.7 146.7 272.5
130 139.9 83.2 154.6
51 66.5 53.3 79.9





#25

Chloroform

Concen: 24.096 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

Instrument :

MSVOA_D

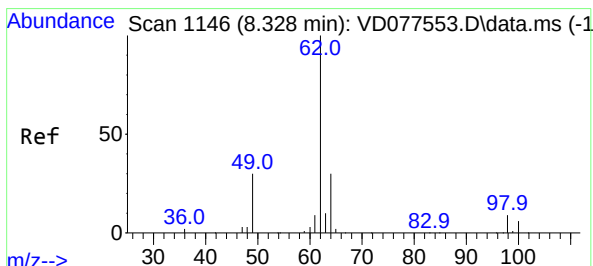
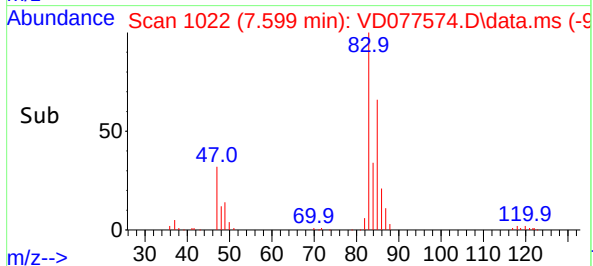
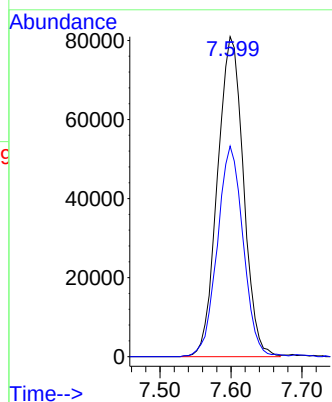
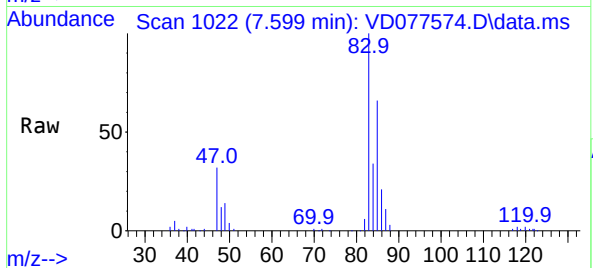
ClientSampleId :

Tgt Ion: 83 Resp: 205530

Ion Ratio Lower Upper

83 100

85 65.8 45.9 85.3



#27

1,2-Dichloroethane

Concen: 23.126 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077574.D

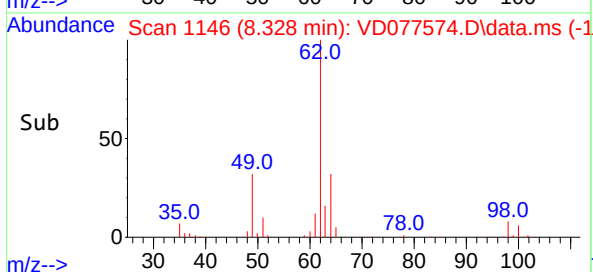
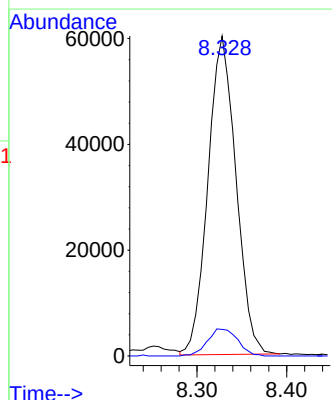
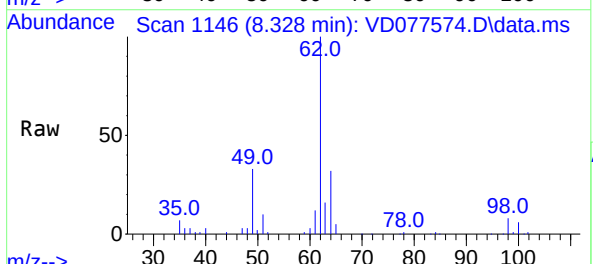
Acq: 15 Nov 2023 08:40

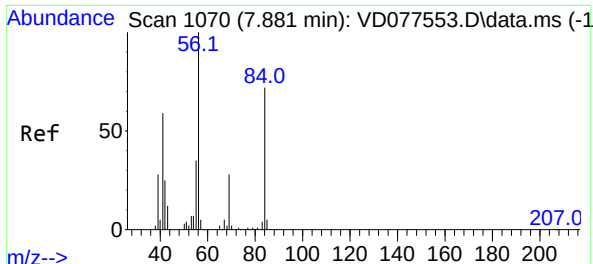
Tgt Ion: 62 Resp: 130763

Ion Ratio Lower Upper

62 100

98 8.3 8.0 12.0





#29

Cyclohexane

Concen: 22.440 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

Instrument :

MSVOA_D

ClientSampleId :

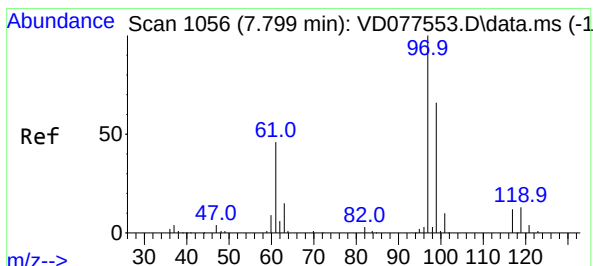
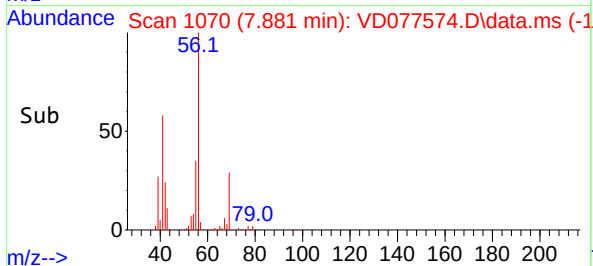
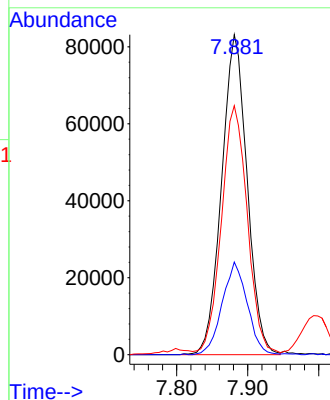
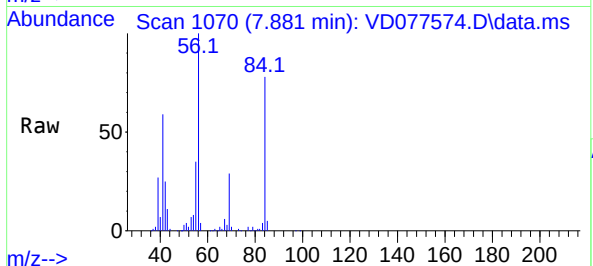
Tgt Ion: 56 Resp: 207059

Ion Ratio Lower Upper

56 100

69 28.4 22.6 33.8

84 79.4 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 24.317 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

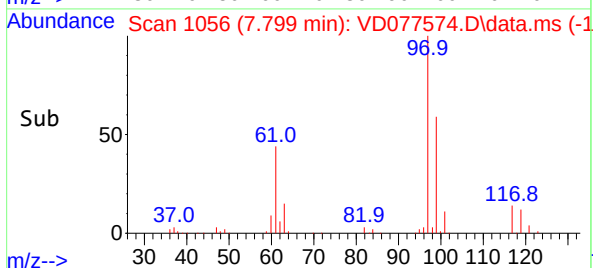
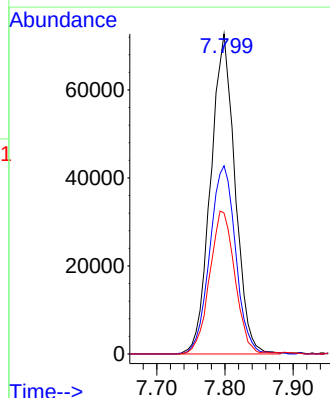
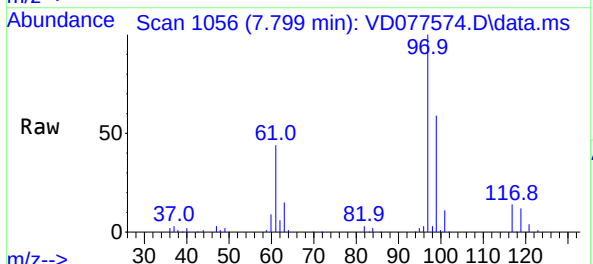
Tgt Ion: 97 Resp: 180913

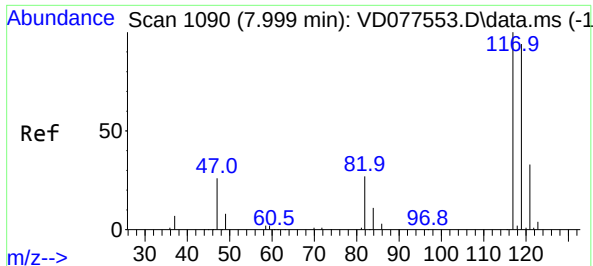
Ion Ratio Lower Upper

97 100

99 62.2 51.4 77.2

61 46.1 38.1 57.1

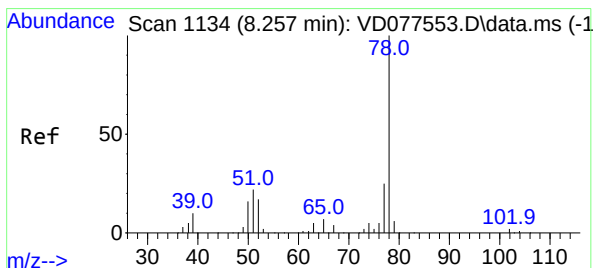
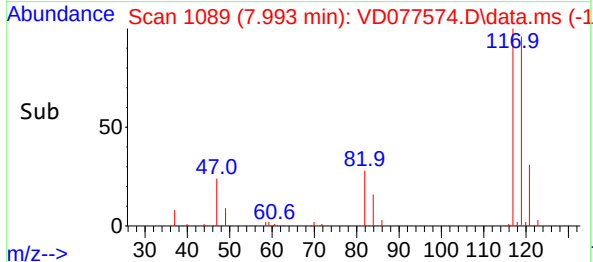
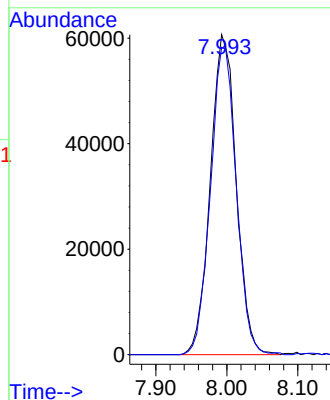
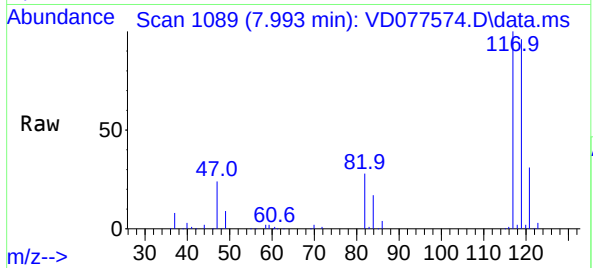




#31
Carbon tetrachloride
Concen: 23.968 ug/L
RT: 7.993 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

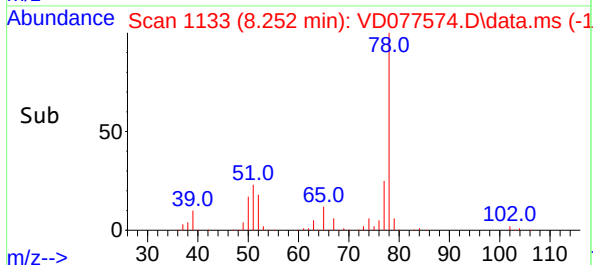
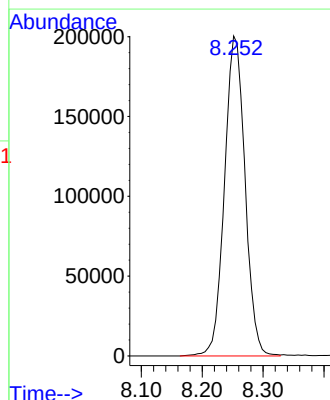
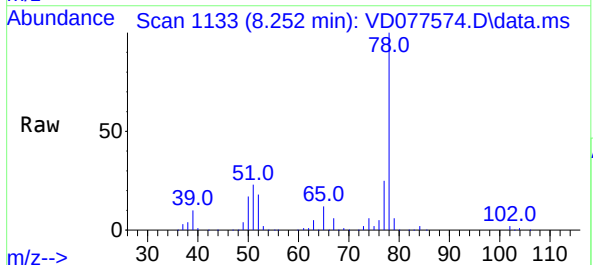
Instrument :
MSVOA_D
ClientSampleId :

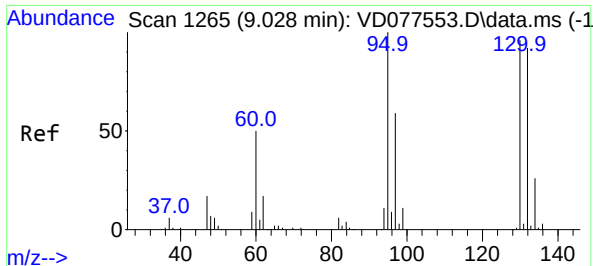
Tgt Ion:117 Resp: 153251
Ion Ratio Lower Upper
117 100
119 95.9 75.4 113.0



#33
Benzene
Concen: 23.849 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion: 78 Resp: 470015





#34

Trichloroethene

Concen: 23.833 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 116387

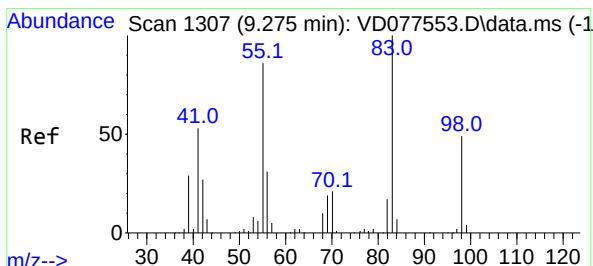
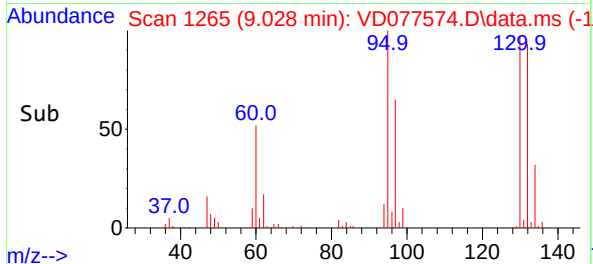
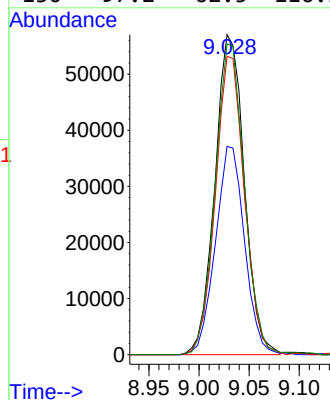
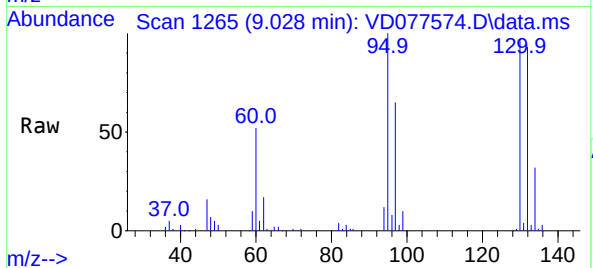
Ion Ratio Lower Upper

95 100

97 65.1 42.4 78.6

132 93.2 59.4 110.2

130 97.2 62.5 116.1



#35

Methylcyclohexane

Concen: 23.385 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

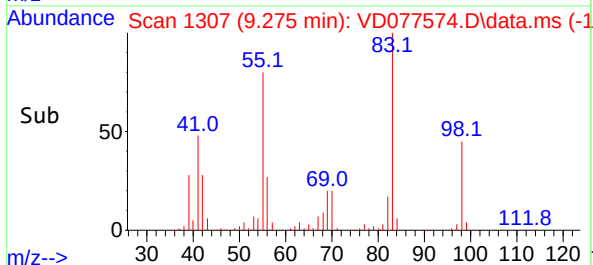
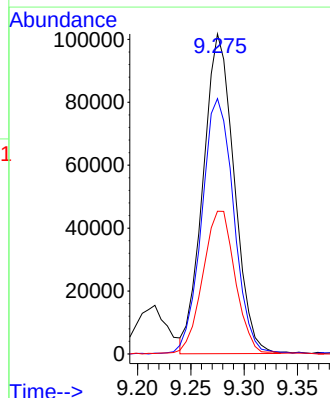
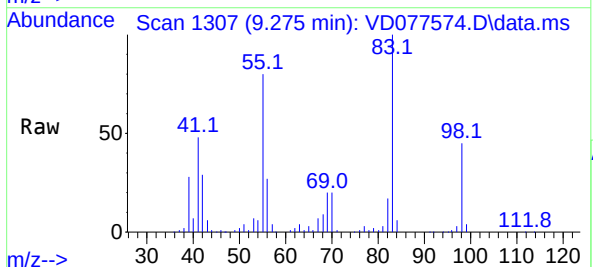
Tgt Ion: 83 Resp: 206080

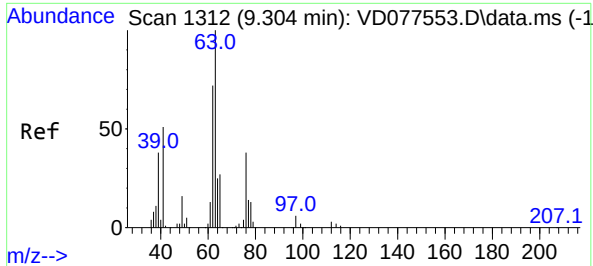
Ion Ratio Lower Upper

83 100

55 82.7 66.5 99.7

98 46.7 37.4 56.2

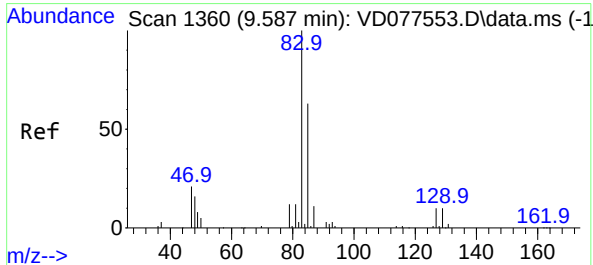
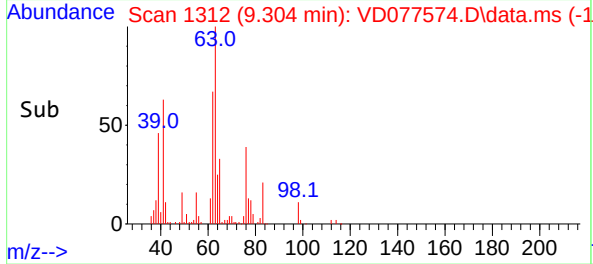
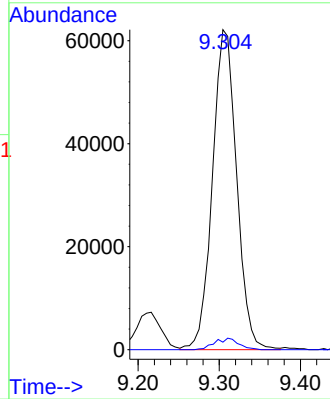
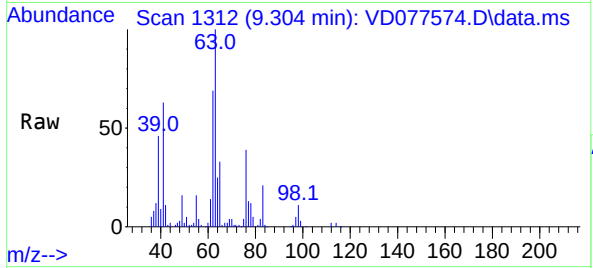




#37
1,2-Dichloropropane
Concen: 23.517 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

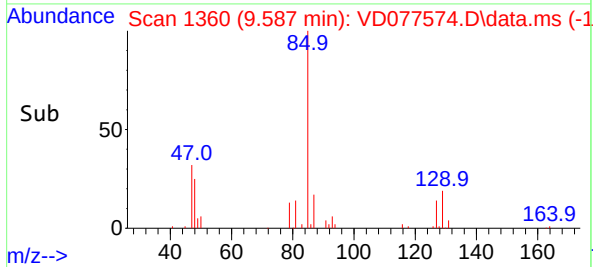
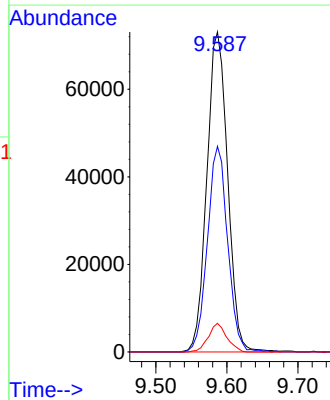
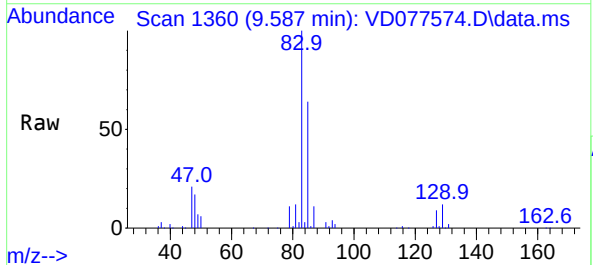
Instrument :
MSVOA_D
ClientSampleId :

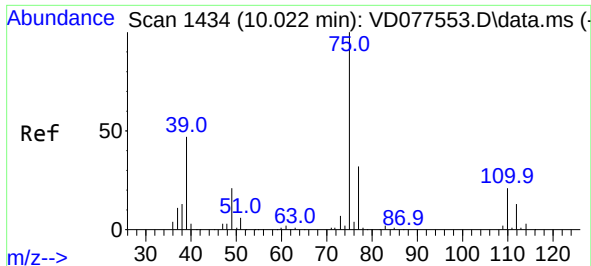
Tgt Ion: 63 Resp: 128843
Ion Ratio Lower Upper
63 100
112 3.6 3.2 4.8



#38
Bromodichloromethane
Concen: 23.666 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion: 83 Resp: 148725
Ion Ratio Lower Upper
83 100
85 64.2 42.4 78.8
127 9.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.949 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

Instrument :

MSVOA_D

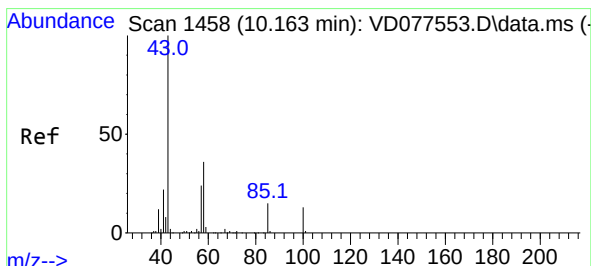
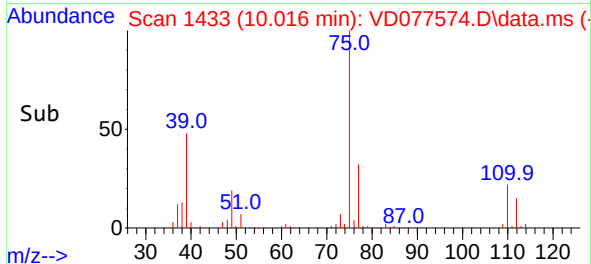
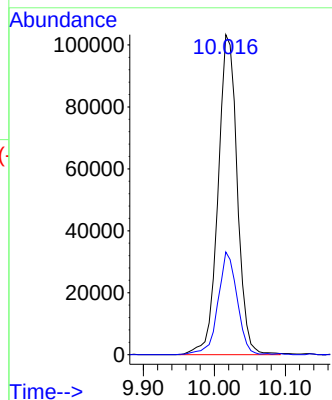
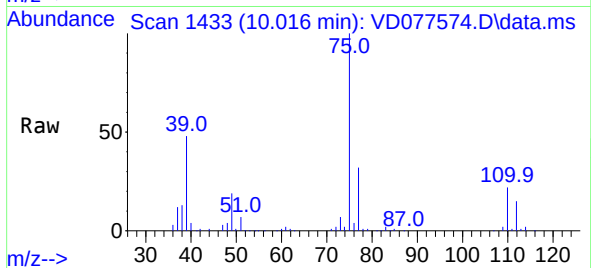
ClientSampleId :

Tgt Ion: 75 Resp: 193209

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 43.634 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

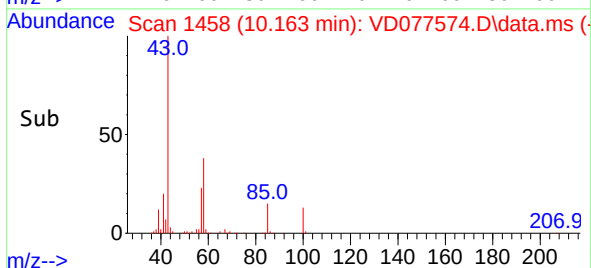
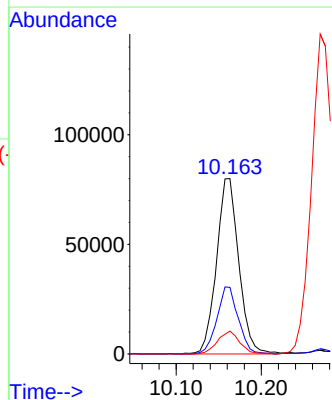
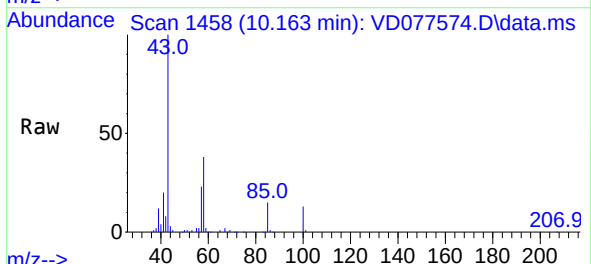
Tgt Ion: 43 Resp: 145683

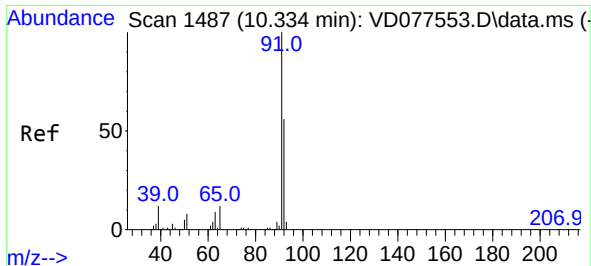
Ion Ratio Lower Upper

43 100

58 36.6 29.8 44.8

100 13.0 9.5 14.3

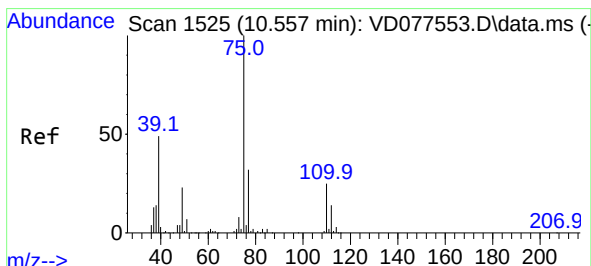
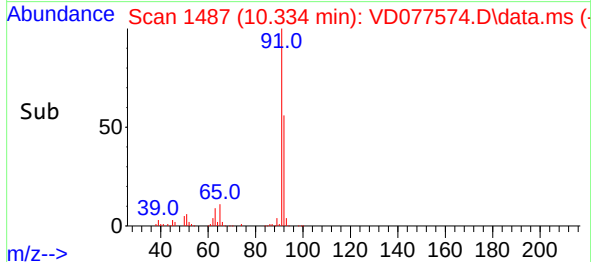
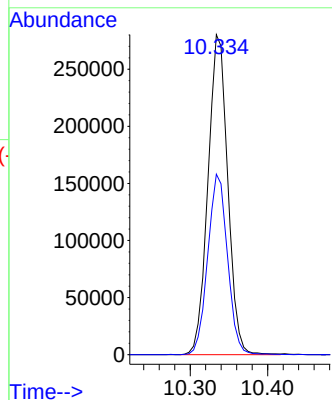
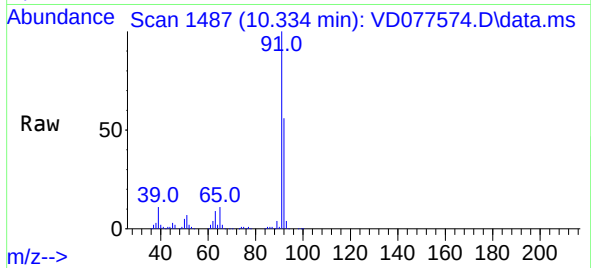




#42
Toluene
Concen: 23.999 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

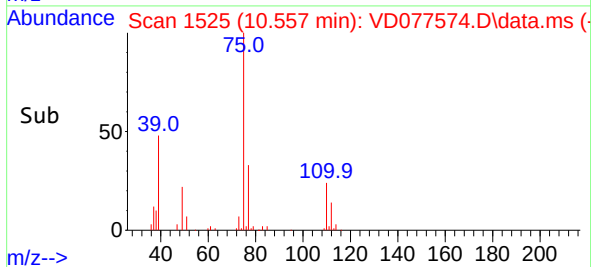
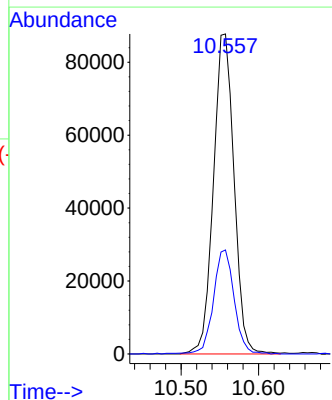
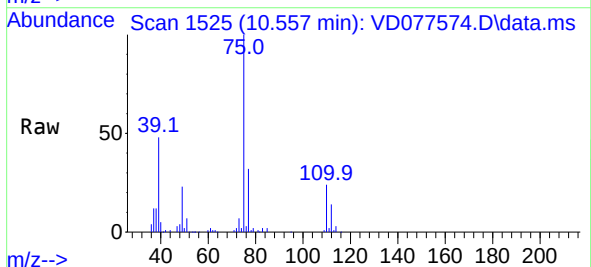
Instrument :
MSVOA_D
ClientSampleId :

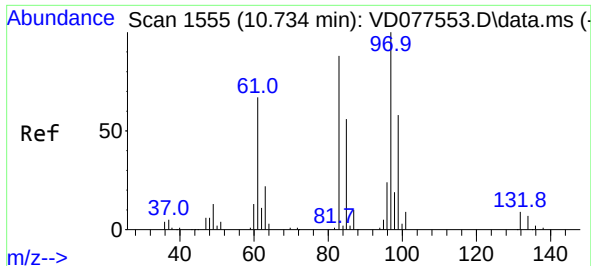
Tgt Ion: 91 Resp: 496567
Ion Ratio Lower Upper
91 100
92 56.4 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 23.318 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

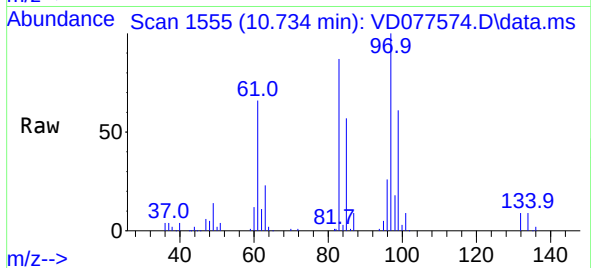
Tgt Ion: 75 Resp: 162216
Ion Ratio Lower Upper
75 100
77 32.5 22.3 41.5



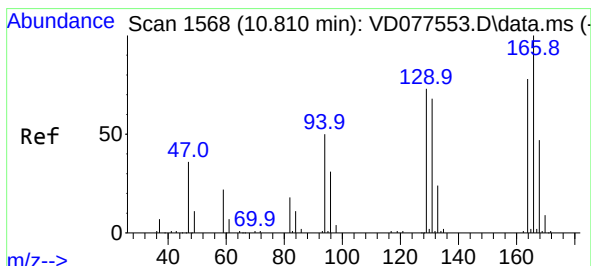
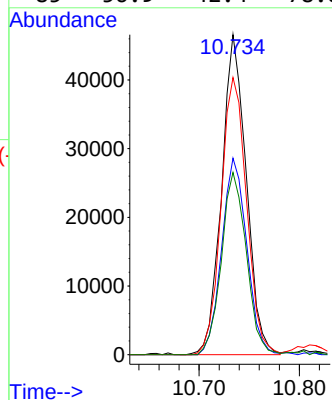
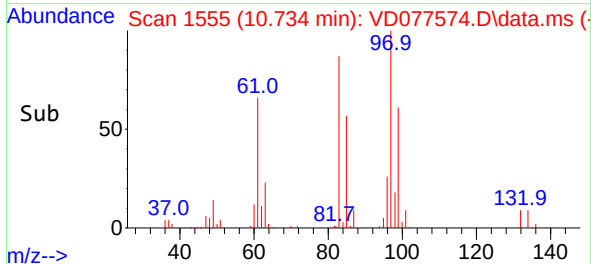


#45
1,1,2-Trichloroethane
Concen: 23.651 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

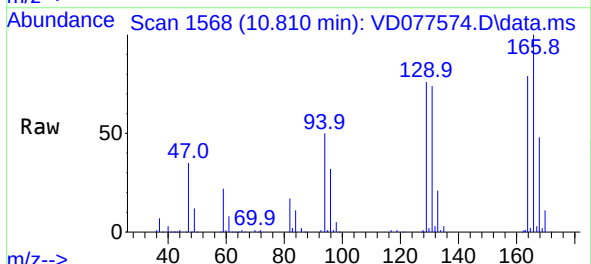
Instrument :
MSVOA_D
ClientSampleId :



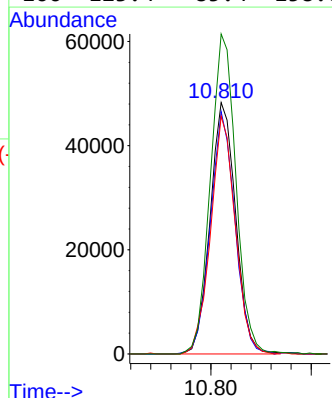
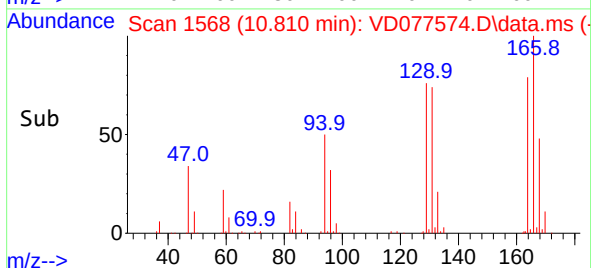
Tgt Ion: 97 Resp: 79209
Ion Ratio Lower Upper
97 100
99 61.4 43.5 80.7
83 86.6 63.1 117.3
85 56.9 42.4 78.8

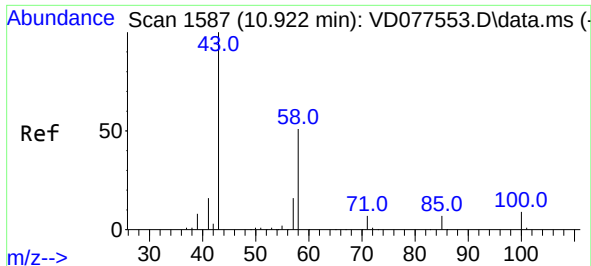


#46
Tetrachloroethene
Concen: 23.749 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40



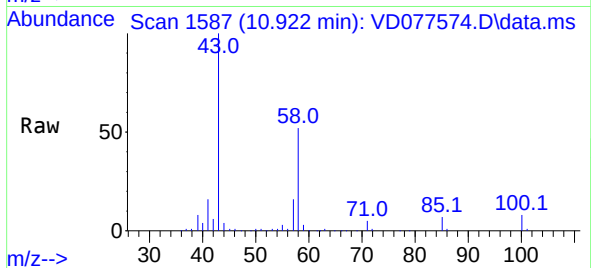
Tgt Ion:164 Resp: 85336
Ion Ratio Lower Upper
164 100
129 93.4 60.6 112.6
131 91.7 61.6 114.4
166 123.4 85.4 158.6



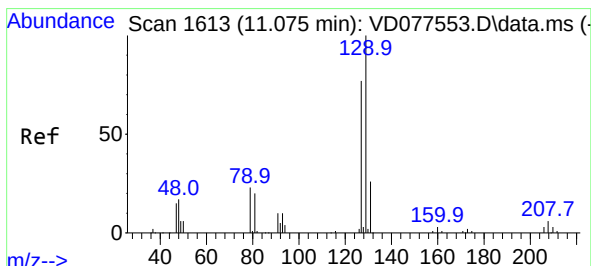
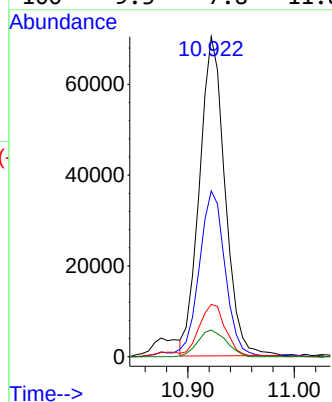
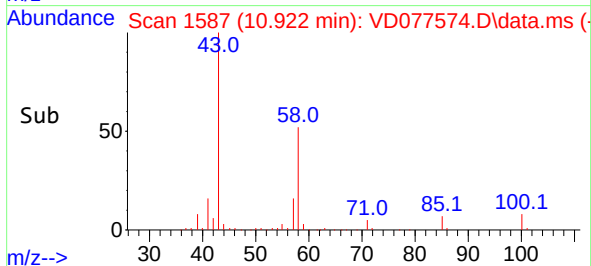


#48
2-Hexanone
Concen: 44.373 ug/L
RT: 10.922 min Scan# 117431
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Instrument :
MSVOA_D
ClientSampleId :

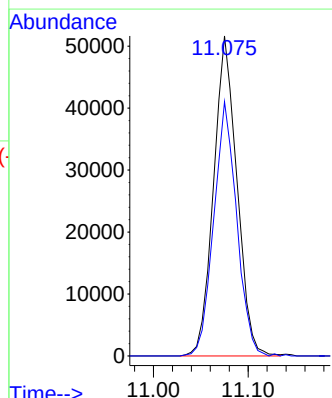
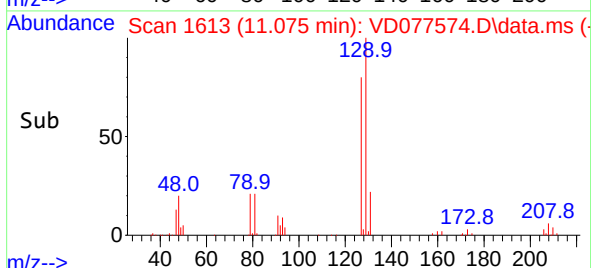
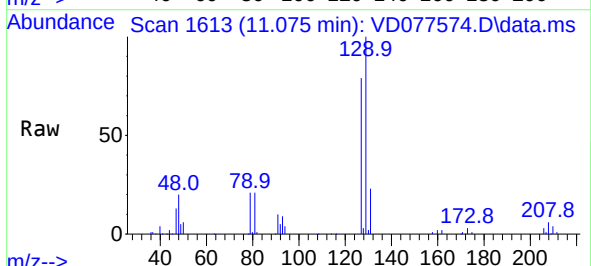


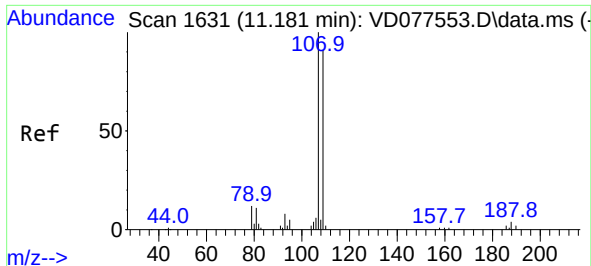
Tgt Ion: 43 Resp: 117431
Ion Ratio Lower Upper
43 100
58 52.9 40.8 61.2
57 16.4 13.7 20.5
100 9.3 7.8 11.8



#49
Dibromochloromethane
Concen: 23.284 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion: 129 Resp: 88575
Ion Ratio Lower Upper
129 100
127 79.5 54.9 102.1

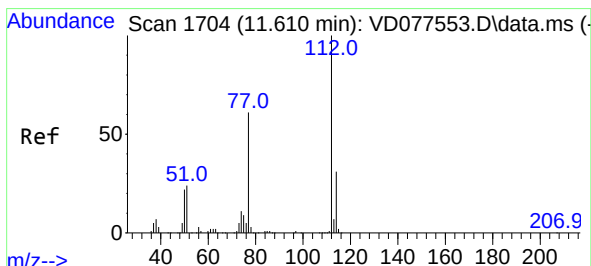
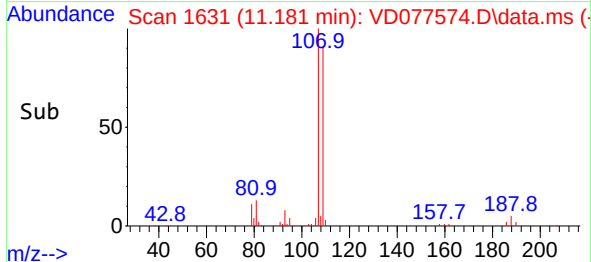
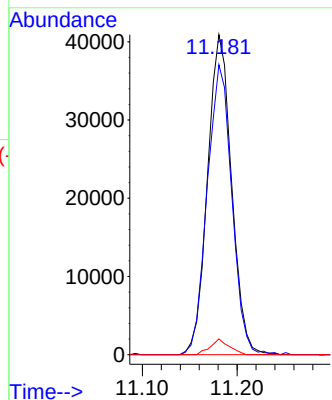
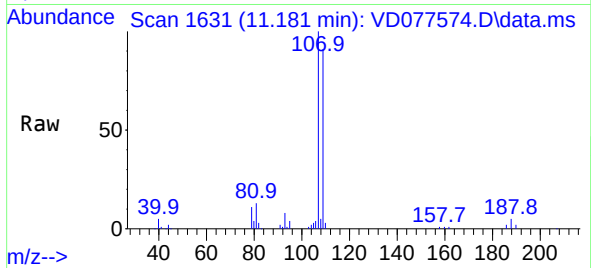




#50
1,2-Dibromoethane
Concen: 22.483 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

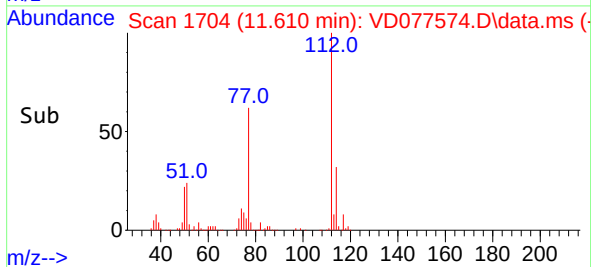
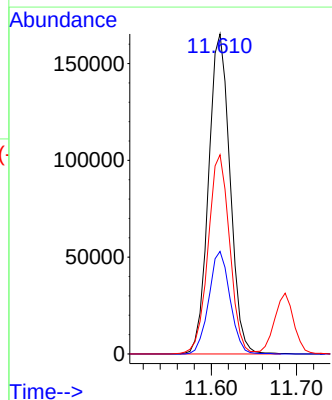
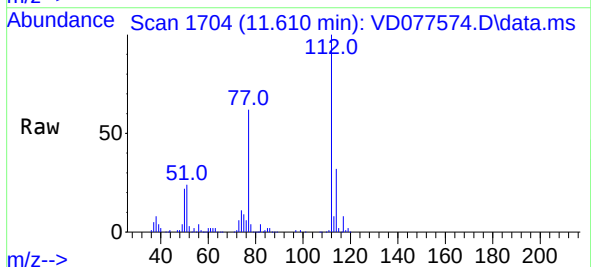
Instrument :
MSVOA_D
ClientSampleId :

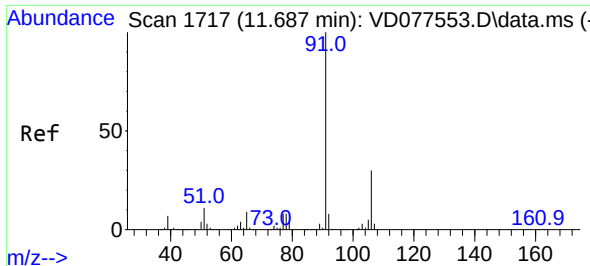
Tgt Ion:107 Resp: 72003
Ion Ratio Lower Upper
107 100
109 90.6 64.8 120.3
188 5.0 3.2 4.8#



#51
Chlorobenzene
Concen: 23.831 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion:112 Resp: 288879
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 62.2 49.6 74.4

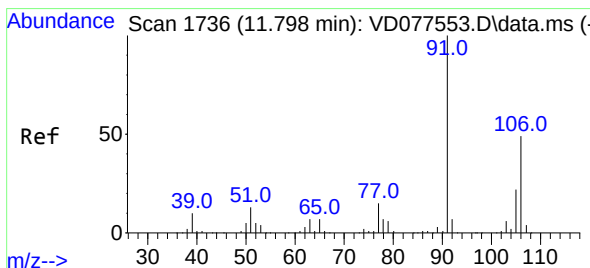
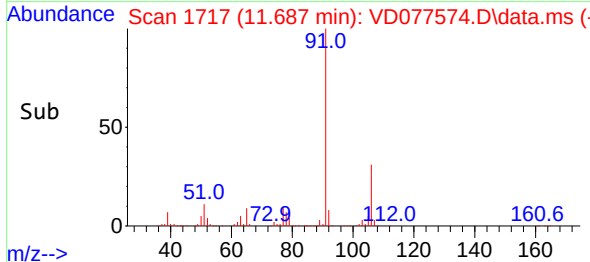
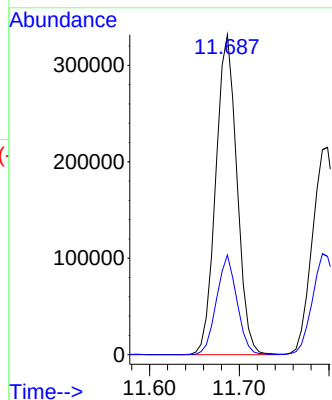
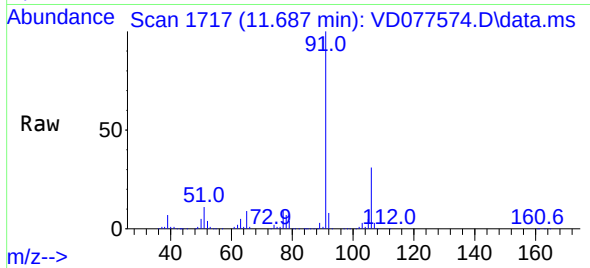




#52
Ethylbenzene
Concen: 23.890 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

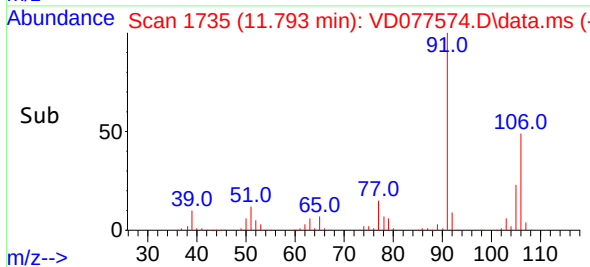
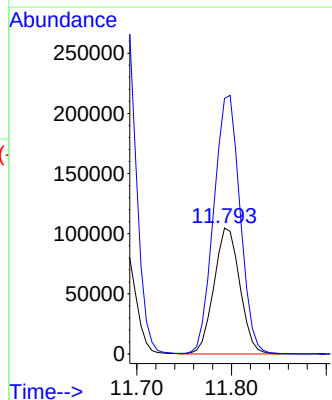
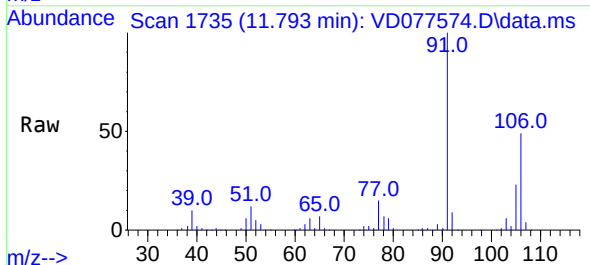
Instrument :
MSVOA_D
ClientSampleId :

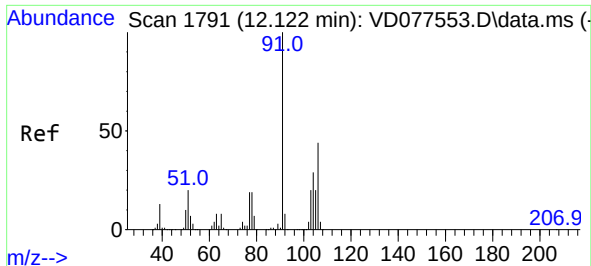
Tgt Ion: 91 Resp: 543904
Ion Ratio Lower Upper
91 100
106 31.2 22.0 40.8



#53
m,p-Xylene
Concen: 23.965 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion:106 Resp: 198546
Ion Ratio Lower Upper
106 100
91 203.0 146.7 272.4

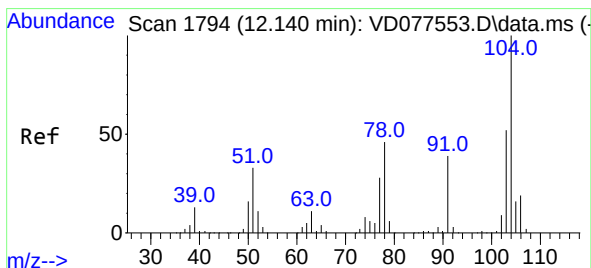
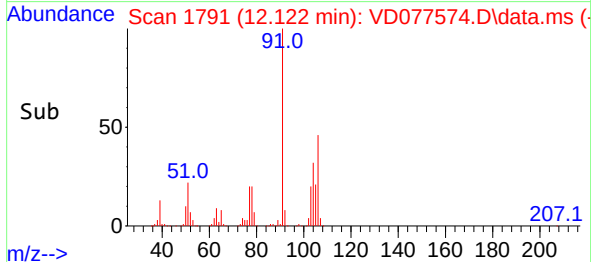
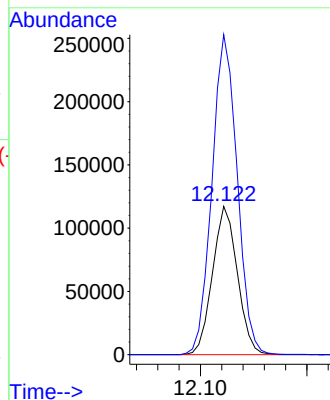
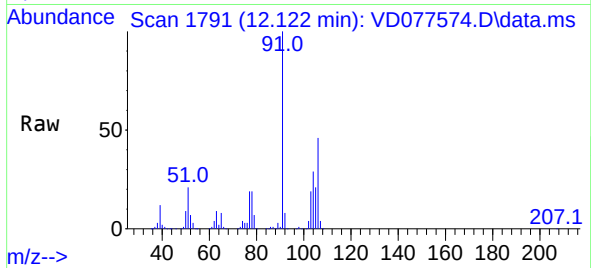




#54
o-Xylene
Concen: 23.946 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

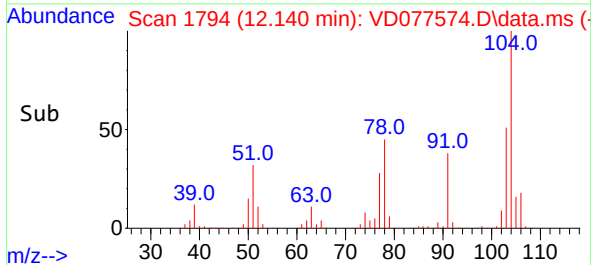
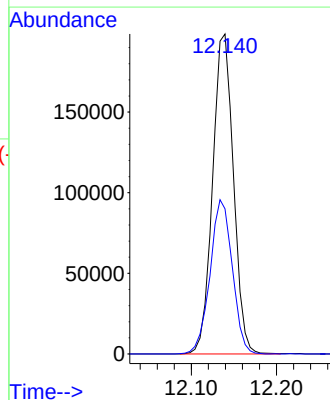
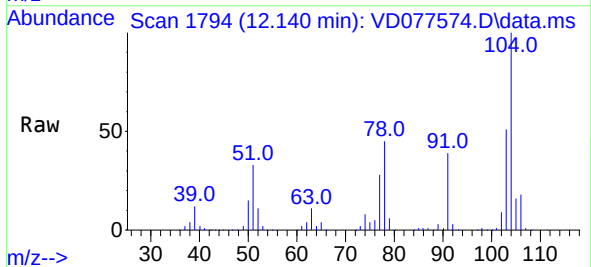
Instrument :
MSVOA_D
ClientSampleId :

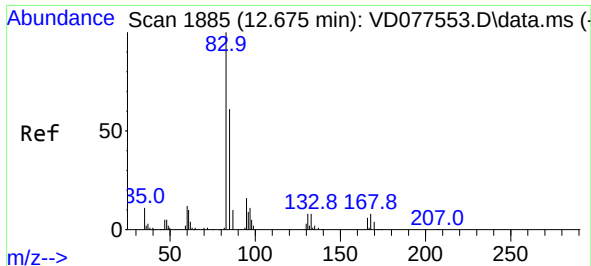
Tgt Ion:106 Resp: 190004
Ion Ratio Lower Upper
106 100
91 215.7 158.5 294.4



#55
Styrene
Concen: 24.345 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion:104 Resp: 337283
Ion Ratio Lower Upper
104 100
78 45.3 34.9 64.9

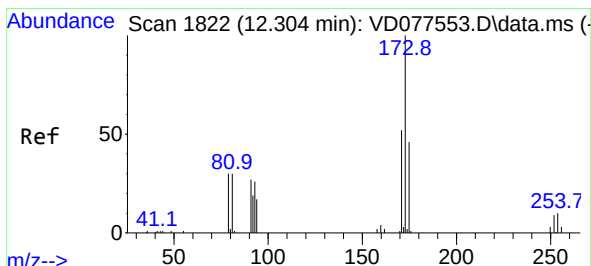
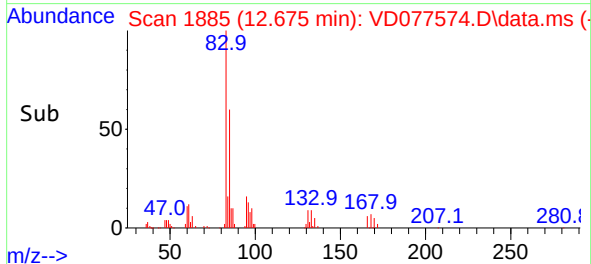
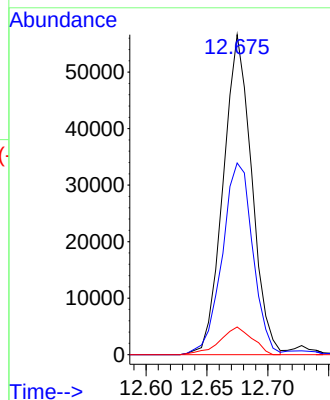
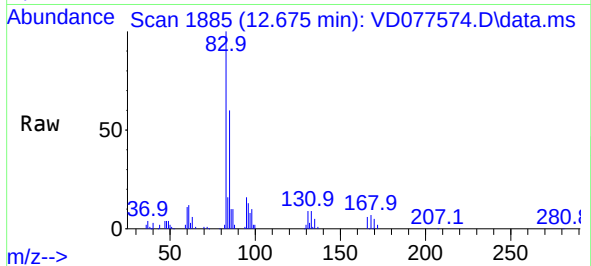




#57
1,1,2,2-Tetrachloroethane
Concen: 23.387 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

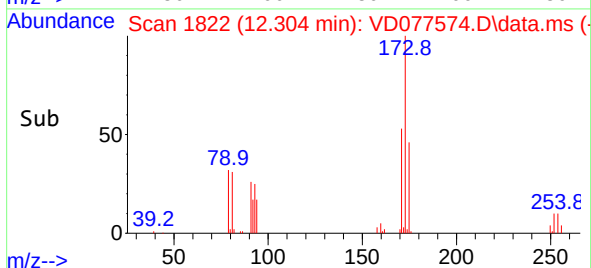
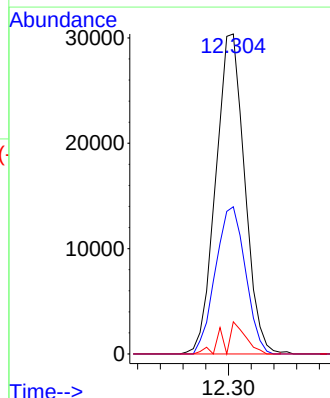
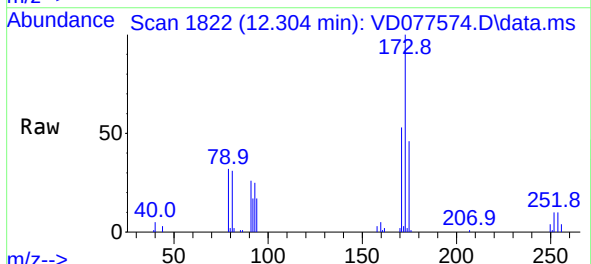
Instrument :
MSVOA_D
ClientSampleId :

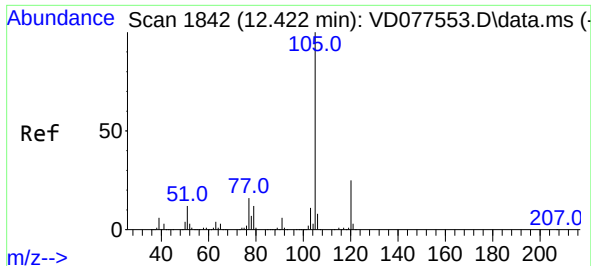
Tgt Ion: 83 Resp: 92269
Ion Ratio Lower Upper
83 100
85 59.9 44.9 83.3
131 8.6 7.2 10.8



#59
Bromoform
Concen: 22.492 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

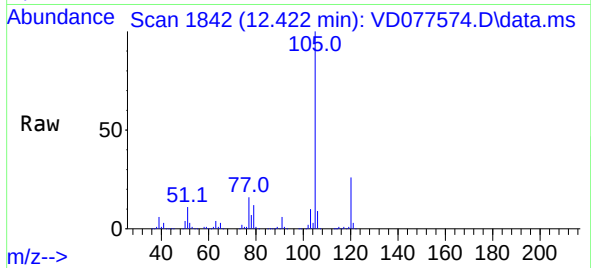
Tgt Ion:173 Resp: 53652
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 5.2 7.1 10.7#



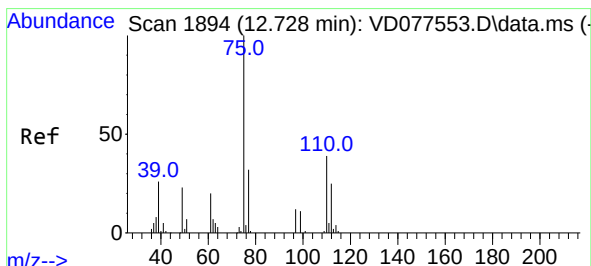
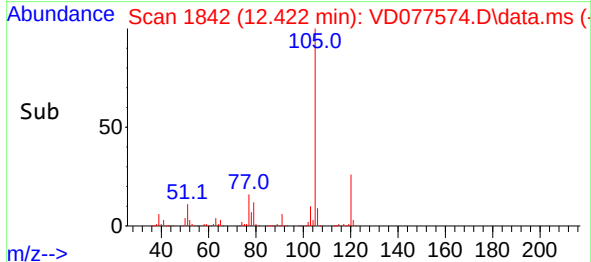
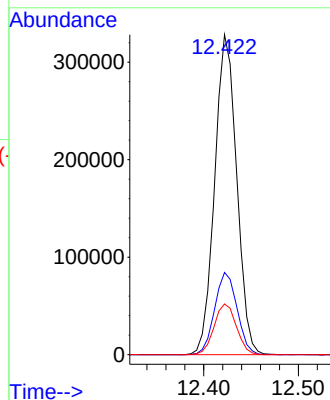


#60
Isopropylbenzene
Concen: 23.404 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Instrument :
MSVOA_D
ClientSampleId :

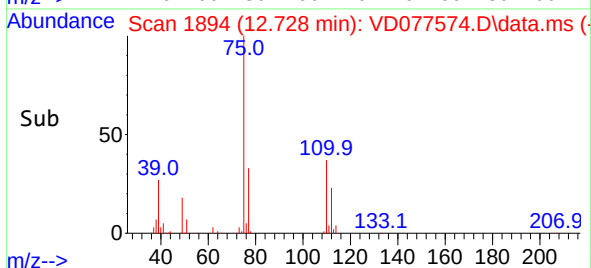
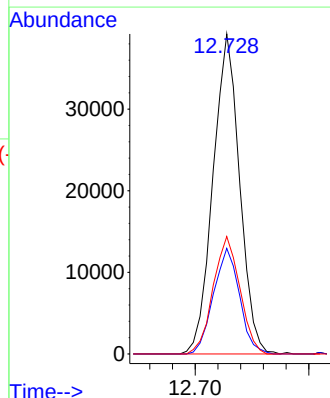
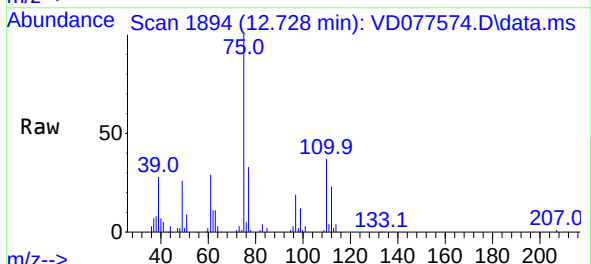


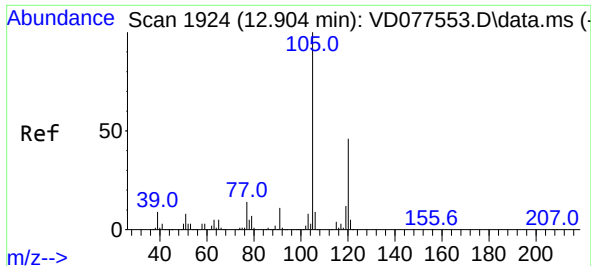
Tgt Ion:105 Resp: 529660
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.1 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 21.396 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion: 75 Resp: 63766
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 36.8 29.6 44.4

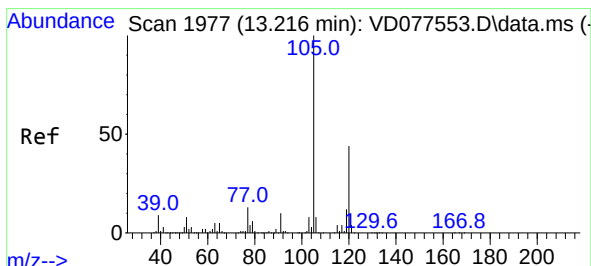
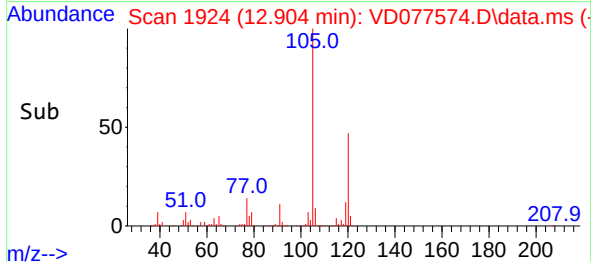
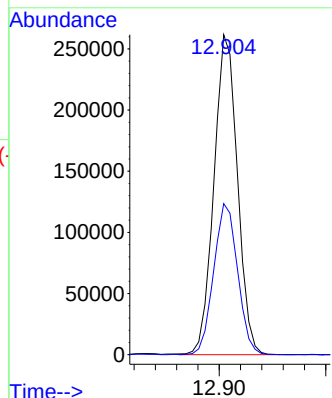
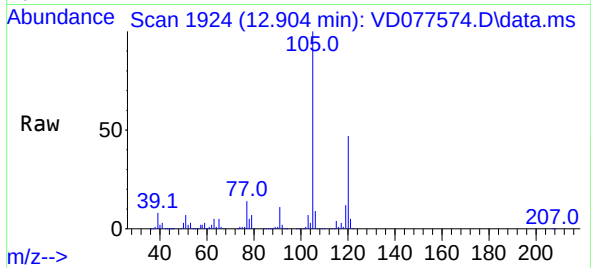




#62
1,3,5-Trimethylbenzene
Concen: 23.319 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

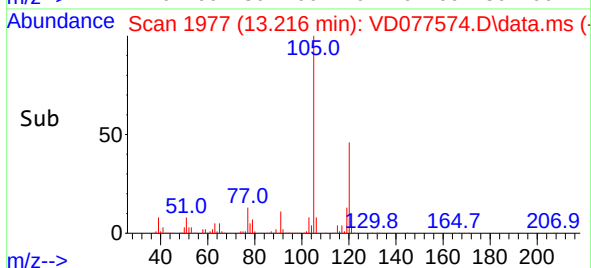
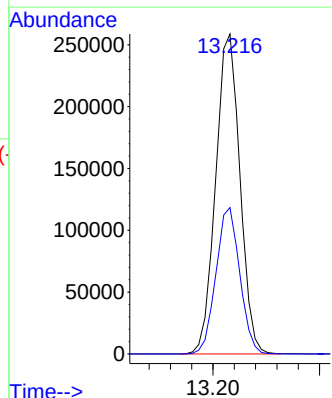
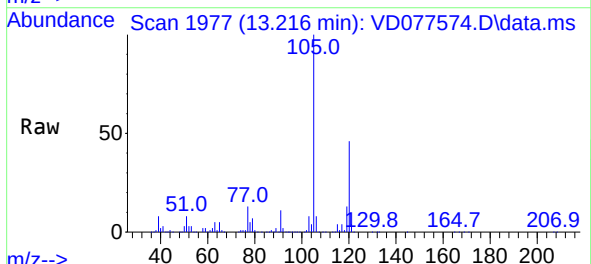
Instrument :
MSVOA_D
ClientSampleId :

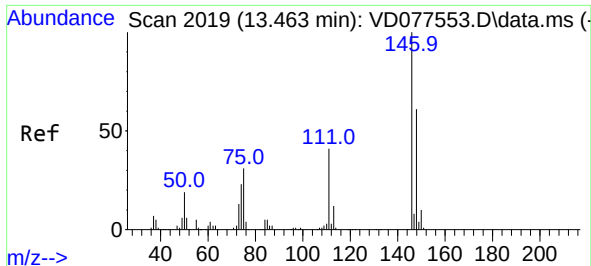
Tgt Ion:105 Resp: 400527
Ion Ratio Lower Upper
105 100
120 48.0 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 23.496 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

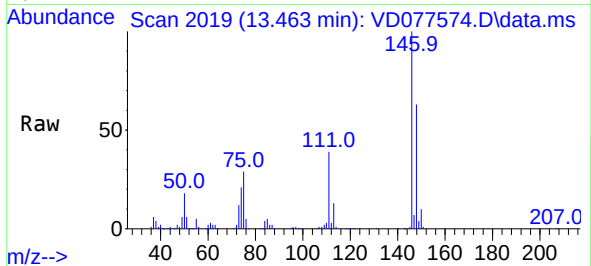
Tgt Ion:105 Resp: 408794
Ion Ratio Lower Upper
105 100
120 44.9 35.6 53.4



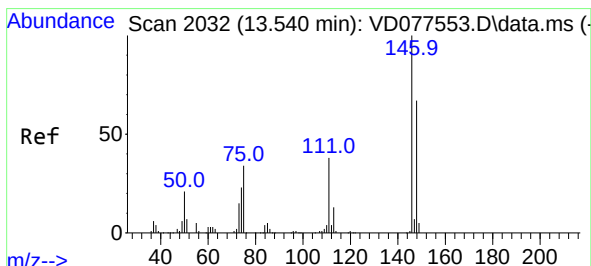
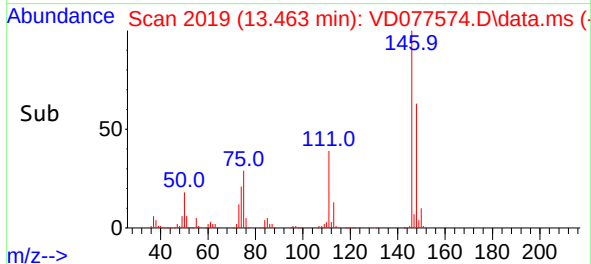
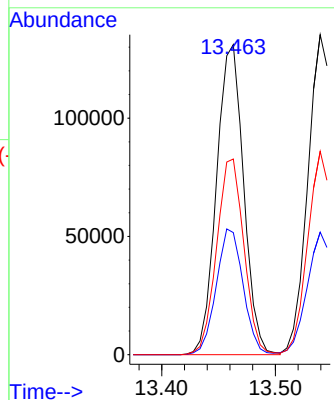


#64
1,3-Dichlorobenzene
Concen: 23.437 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Instrument :
MSVOA_D
ClientSampleId :

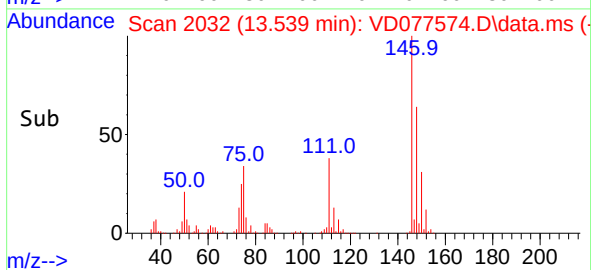
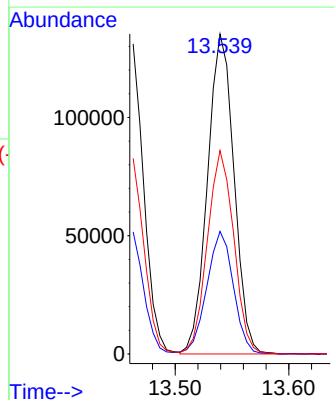
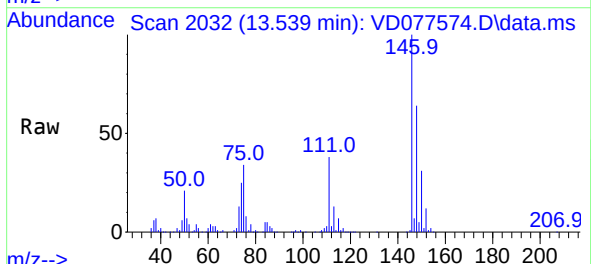


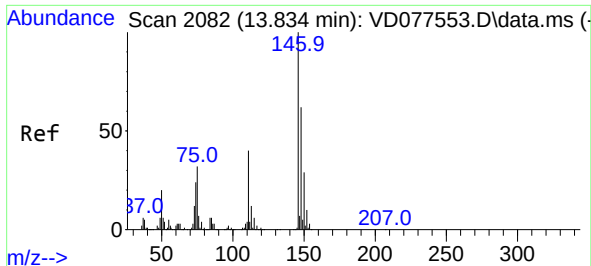
Tgt Ion:146 Resp: 217596
Ion Ratio Lower Upper
146 100
111 39.4 27.2 50.6
148 63.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 23.448 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion:146 Resp: 219699
Ion Ratio Lower Upper
146 100
111 38.3 25.6 47.4
148 63.5 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 22.911 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

Instrument :

MSVOA_D

ClientSampleId :

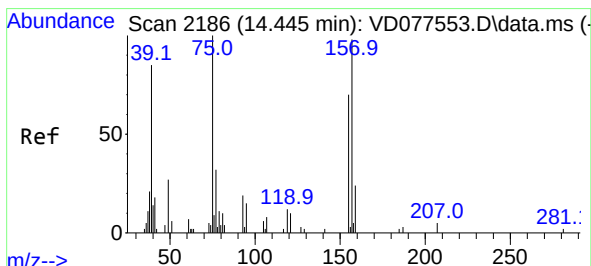
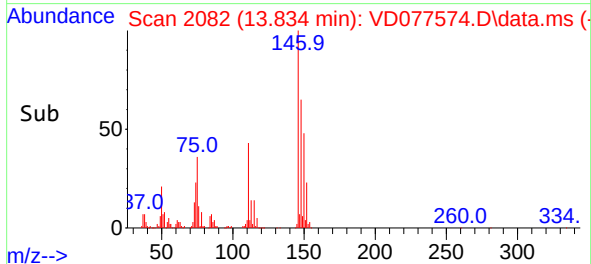
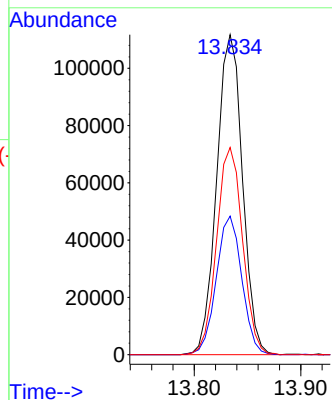
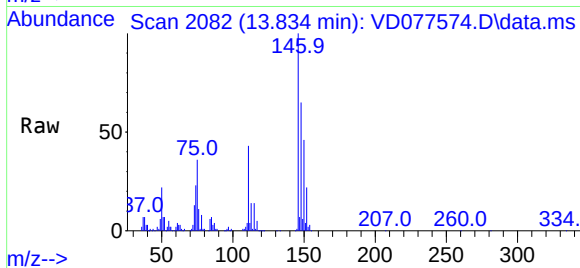
Tgt Ion:146 Resp: 188062

Ion Ratio Lower Upper

146 100

111 43.3 33.8 50.6

148 64.7 54.3 81.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.291 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077574.D

Acq: 15 Nov 2023 08:40

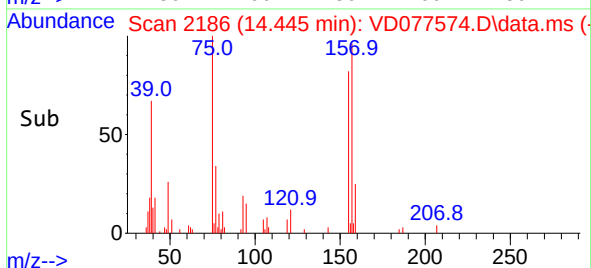
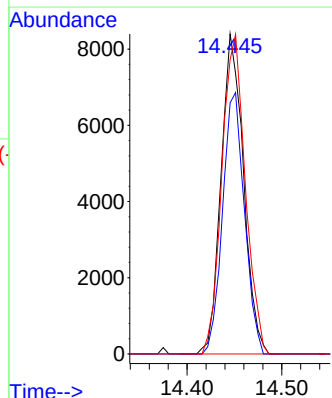
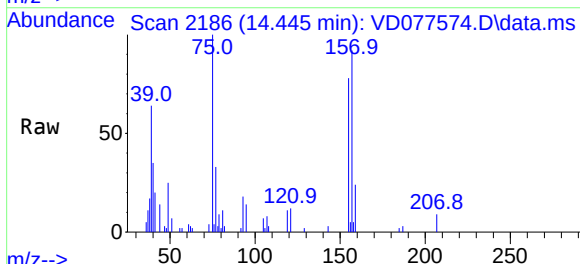
Tgt Ion: 75 Resp: 13802

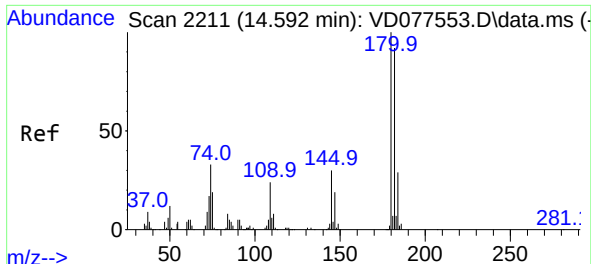
Ion Ratio Lower Upper

75 100

155 78.5 58.2 87.2

157 92.0 68.7 103.1

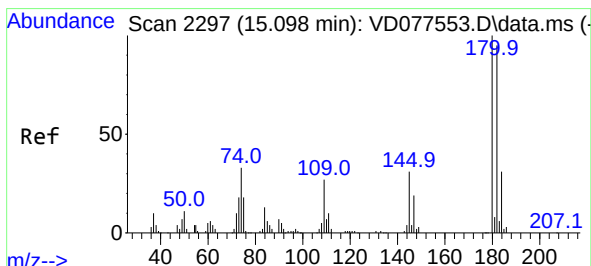
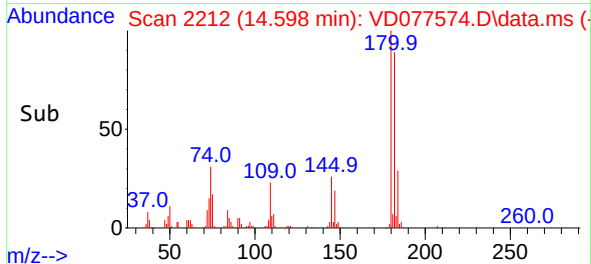
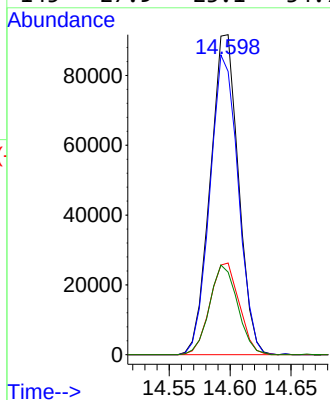
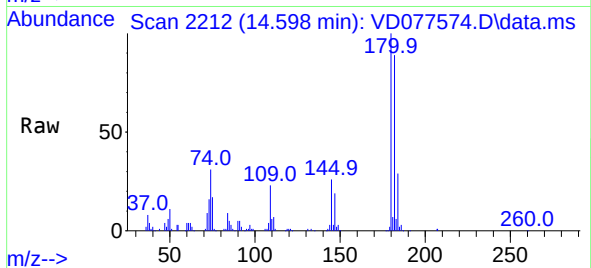




#69
1,3,5-Trichlorobenzene
Concen: 23.397 ug/L
RT: 14.598 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

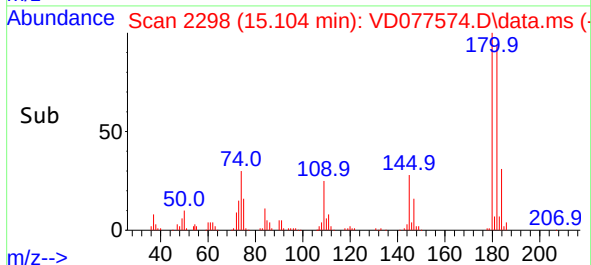
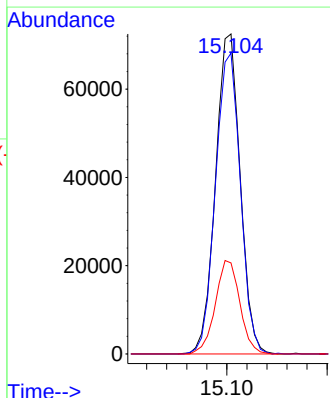
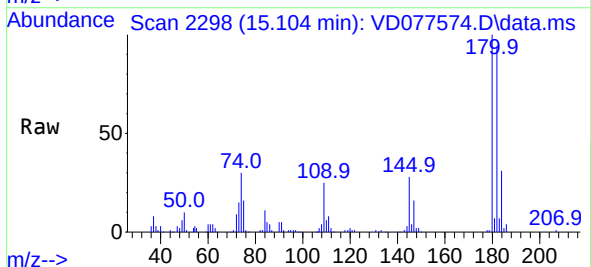
Instrument :
MSVOA_D
ClientSampleId :

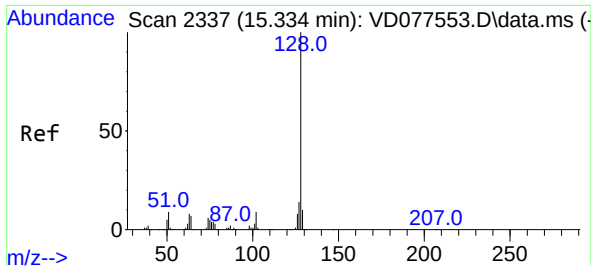
Tgt Ion:	180	Resp:	147909
Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.1	114.1
184	29.6	24.0	36.0
145	27.9	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 23.238 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion:	180	Resp:	123810
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	29.0	24.1	36.1

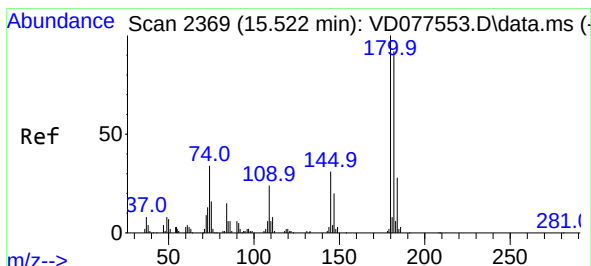
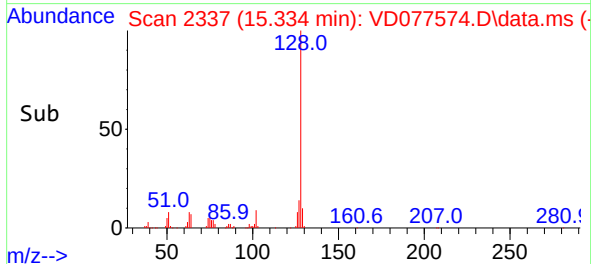
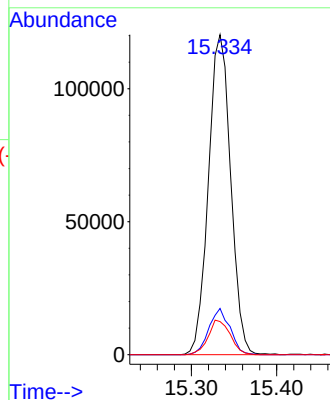
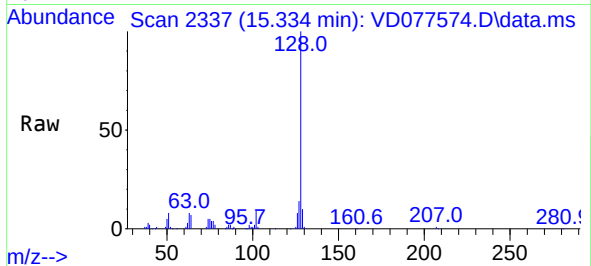




#71
Naphthalene
Concen: 21.749 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 218389
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.7 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 23.320 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077574.D
Acq: 15 Nov 2023 08:40

Tgt Ion:180 Resp: 105941
Ion Ratio Lower Upper
180 100
182 92.2 76.8 115.2
145 31.8 26.0 39.0

