

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077553.D
 Acq On : 14 Nov 2023 09:22
 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 02:27:08 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	321527	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	298185	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	142867	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	175693	21.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.920%
7) Chloroethane-d5	2.811	69	149758	23.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
11) 1,1-Dichloroethene-d2	3.928	65	55014	21.752	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.000%
21) 2-Butanone-d5	6.987	46	68058	48.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.120%
24) Chloroform-d	7.575	84	235407	25.345	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	8.234	65	122567	24.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.240%
32) Benzene-d6	8.205	84	467400	24.151	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	9.210	67	154151	24.453	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.800%
41) Toluene-d8	10.269	98	417765	23.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.560%
43) trans-1,3-Dichloroprop...	10.528	79	64054	23.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.280%
47) 2-Hexanone-d5	10.881	63	55668	49.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	103984	24.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	126033	24.797	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	127323	24.589	ug/L	97
3) Chloromethane	2.152	50	182752	24.531	ug/L	99
5) Vinyl chloride	2.293	62	206760	24.590	ug/L	96
6) Bromomethane	2.705	94	115718	25.850	ug/L	98
8) Chloroethane	2.846	64	132172	25.284	ug/L	93
9) Trichlorofluoromethane	3.187	101	195145	25.502	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	119619	25.402	ug/L #	86
12) 1,1-Dichloroethene	3.946	96	111023	24.281	ug/L	86
13) Acetone	4.022	43	74306	49.919	ug/L	97
14) Carbon disulfide	4.281	76	396839	24.103	ug/L	100
15) Methyl Acetate	4.569	43	57630	23.534	ug/L #	82
16) Methylene chloride	4.816	84	124134	22.867	ug/L	97
17) trans-1,2-Dichloroethene	5.322	96	119385	24.822	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	275015	24.362	ug/L #	88
19) 1,1-Dichloroethane	6.116	63	244338	25.320	ug/L	99
20) cis-1,2-Dichloroethene	7.087	96	132427	25.343	ug/L	97
22) 2-Butanone	7.087	43	83477	46.609	ug/L	96
23) Bromochloromethane	7.434	128	50718	24.155	ug/L	96
25) Chloroform	7.599	83	229699	25.911	ug/L	97

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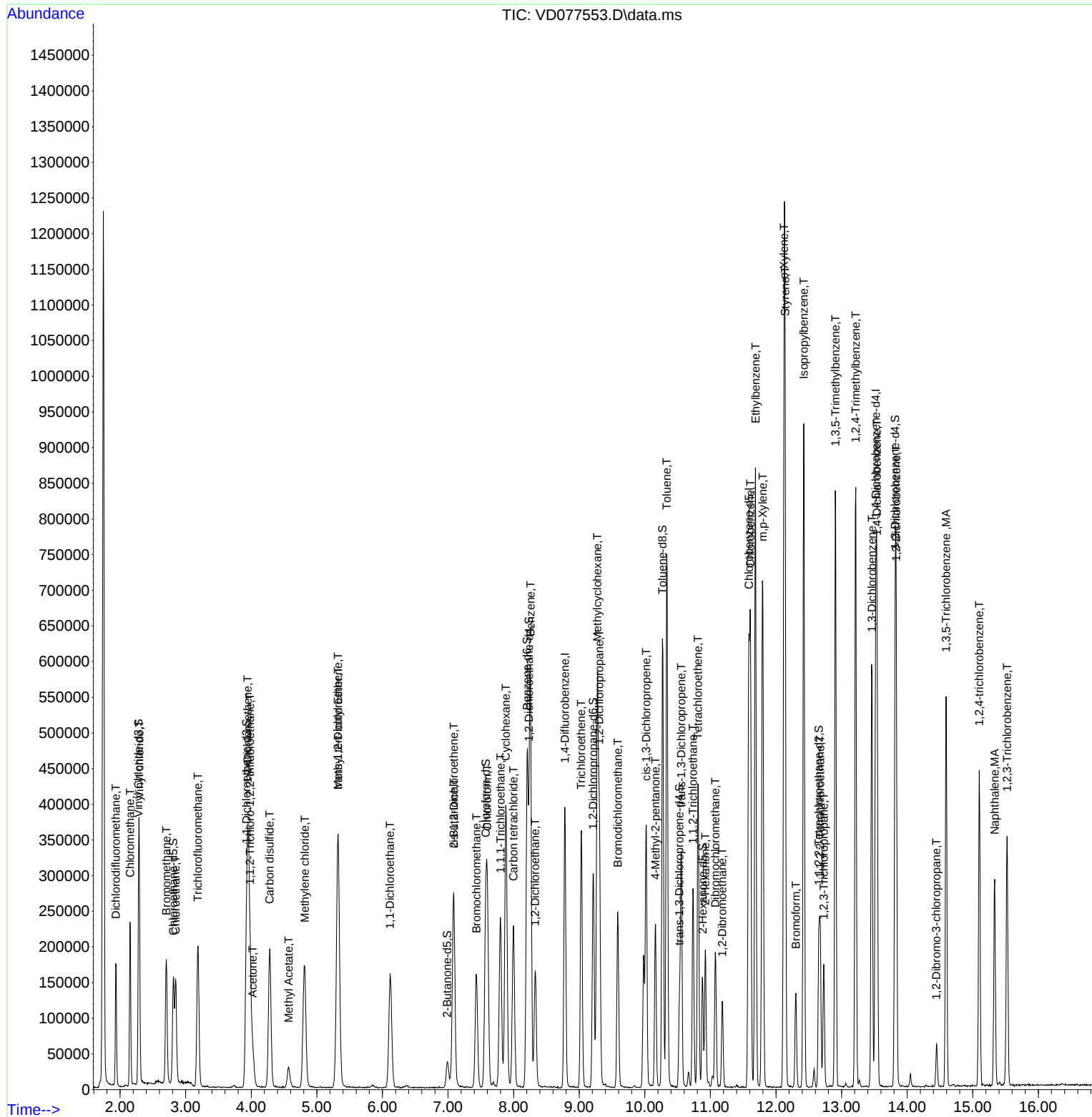
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	150317	25.579	ug/L	97
29) Cyclohexane	7.881	56	232929	24.059	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	196066	25.117	ug/L	100
31) Carbon tetrachloride	7.999	117	167498	24.968	ug/L	98
33) Benzene	8.257	78	519265	25.112	ug/L	100
34) Trichloroethene	9.028	95	130098	25.391	ug/L	94
35) Methylcyclohexane	9.275	83	224747	24.307	ug/L	99
37) 1,2-Dichloropropane	9.304	63	143571	24.976	ug/L	100
38) Bromodichloromethane	9.587	83	164182	24.900	ug/L	97
39) cis-1,3-Dichloropropene	10.022	75	222334	25.170	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	165708	47.303	ug/L	98
42) Toluene	10.334	91	546587	25.177	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	178956	24.518	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	86191	24.529	ug/L	96
46) Tetrachloroethene	10.810	164	92503	24.536	ug/L	95
48) 2-Hexanone	10.922	43	131235	47.263	ug/L	99
49) Dibromochloromethane	11.075	129	96892	24.275	ug/L	98
50) 1,2-Dibromoethane	11.181	107	78916	23.485	ug/L	98
51) Chlorobenzene	11.610	112	318642	25.053	ug/L	99
52) Ethylbenzene	11.687	91	606261	25.379	ug/L	98
53) m,p-Xylene	11.798	106	221636	25.497	ug/L	97
54) o-Xylene	12.122	106	209318	25.142	ug/L	99
55) Styrene	12.140	104	374180	25.741	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	99107	23.942	ug/L	97
59) Bromoform	12.304	173	56950	23.380	ug/L	99
60) Isopropylbenzene	12.422	105	584605	25.298	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	70475	23.158	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	442131	25.209	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	454068	25.558	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	235467	24.837	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	235919	24.658	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	210312	25.092	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	14723	22.242	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	159785	24.753	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	130788	24.040	ug/L	99
71) Naphthalene	15.334	128	238342	23.245	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	113190	24.400	ug/L	99

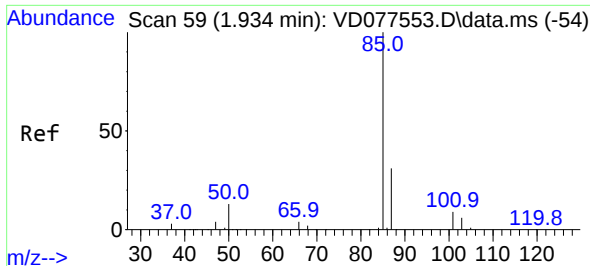
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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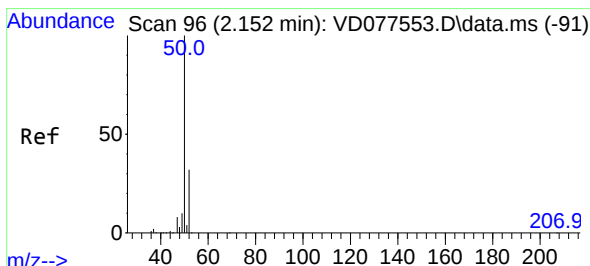
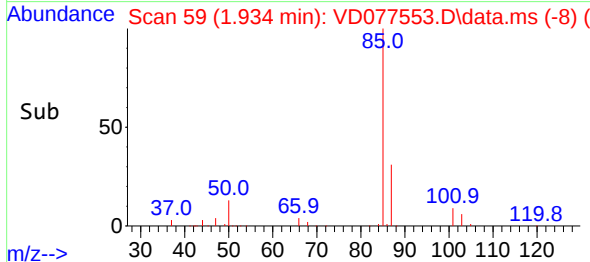
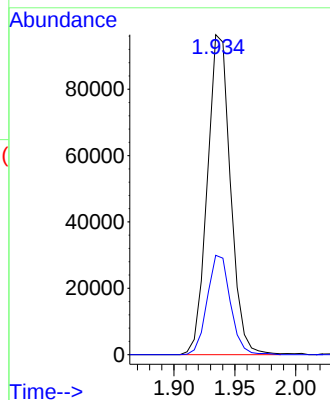
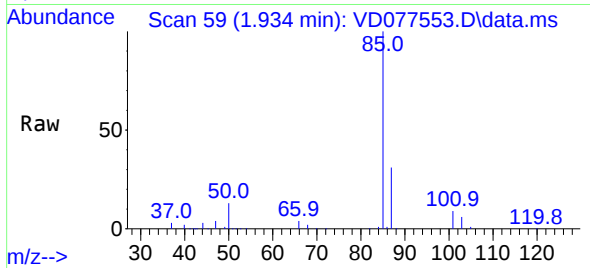




#2
 Dichlorodifluoromethane
 Concen: 24.589 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD077553.D
 Acq: 14 Nov 2023 09:22

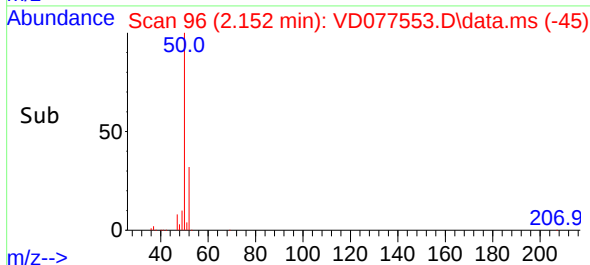
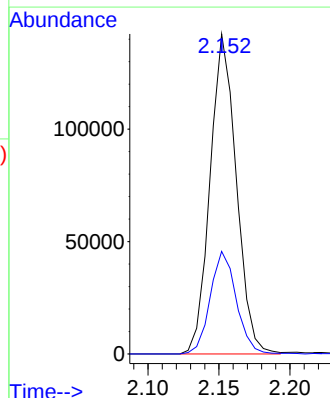
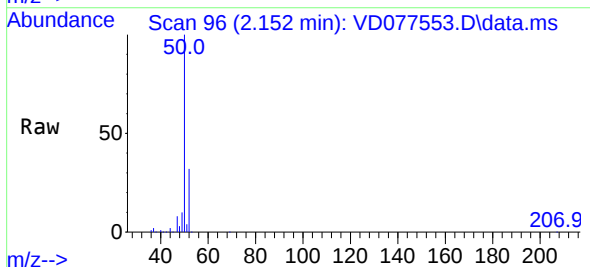
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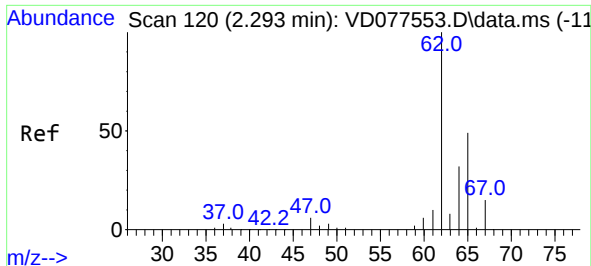
Tgt Ion: 85 Resp: 127323
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.2 39.2



#3
 Chloromethane
 Concen: 24.531 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD077553.D
 Acq: 14 Nov 2023 09:22

Tgt Ion: 50 Resp: 182752
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.1 41.1

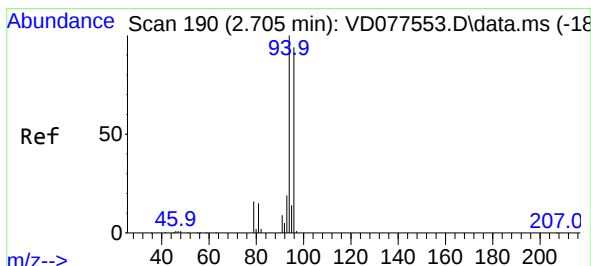
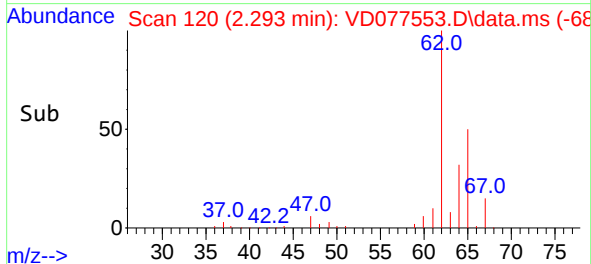
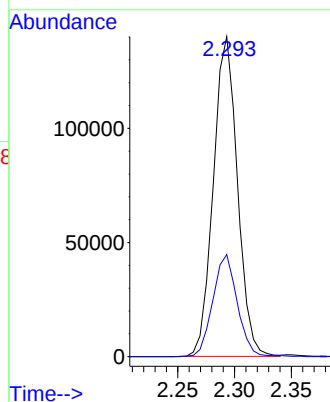
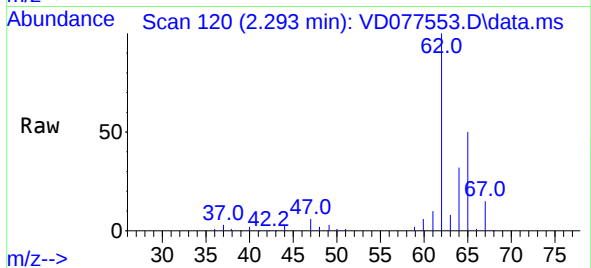




#5
 Vinyl chloride
 Concen: 24.590 ug/L
 RT: 2.293 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077553.D
 Acq: 14 Nov 2023 09:22

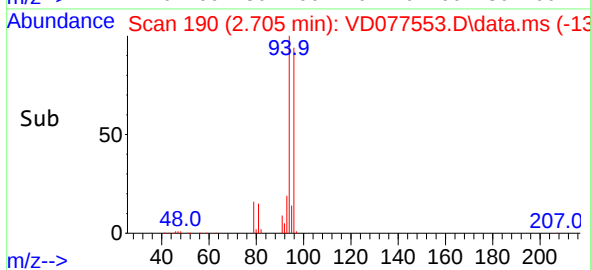
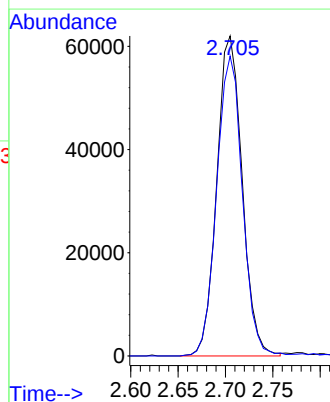
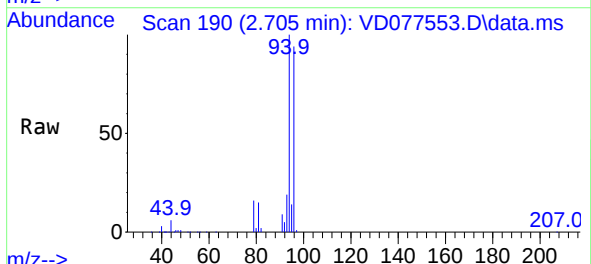
Instrument :
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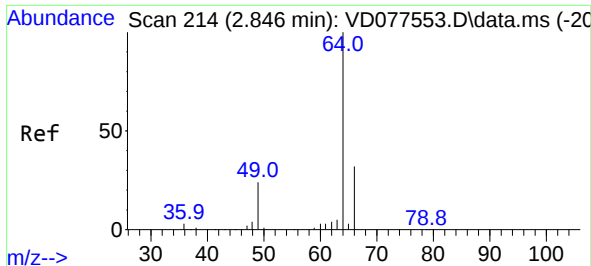
Tgt Ion: 62 Resp: 206760
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.9 44.5



#6
 Bromomethane
 Concen: 25.850 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD077553.D
 Acq: 14 Nov 2023 09:22

Tgt Ion: 94 Resp: 115718
 Ion Ratio Lower Upper
 94 100
 96 93.7 64.5 119.9

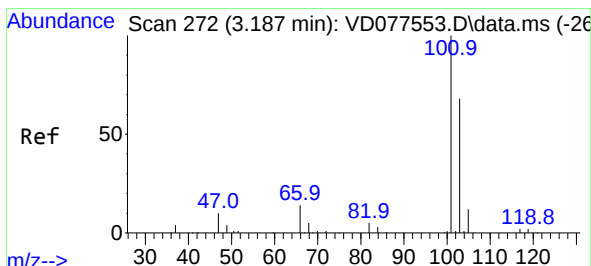
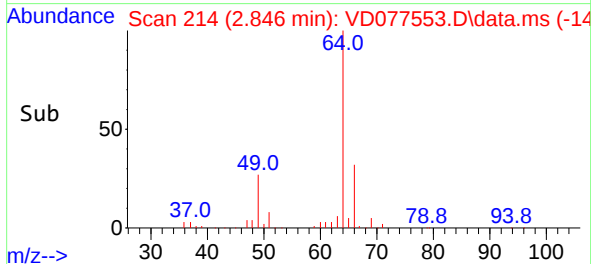
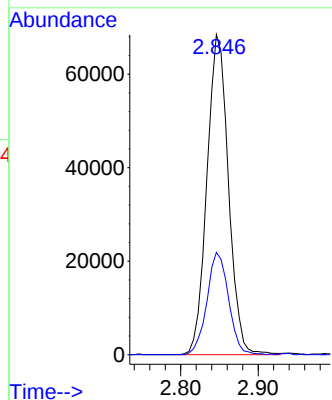
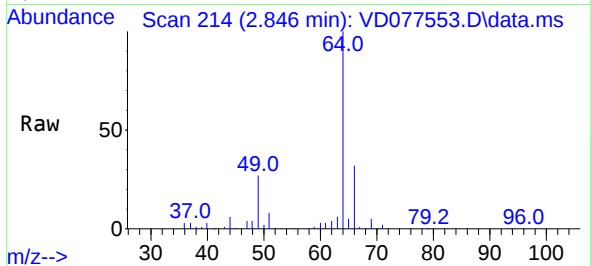




#8
Chloroethane
Concen: 25.284 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

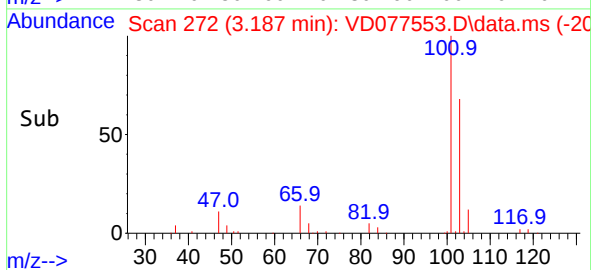
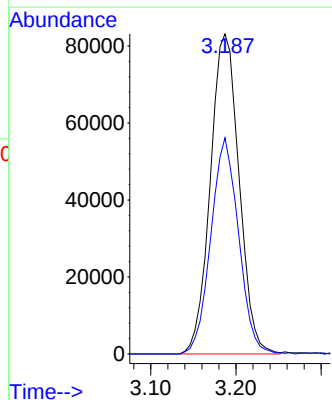
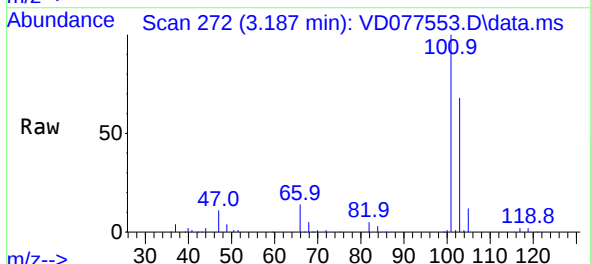
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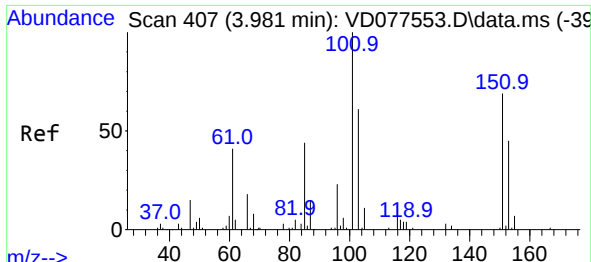
Tgt Ion: 64 Resp: 132172
Ion Ratio Lower Upper
64 100
66 32.0 19.8 36.8



#9
Trichlorofluoromethane
Concen: 25.502 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.012 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion:101 Resp: 195145
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9

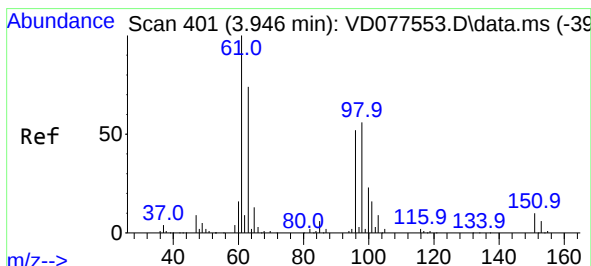
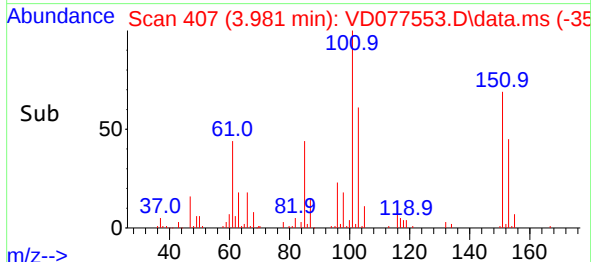
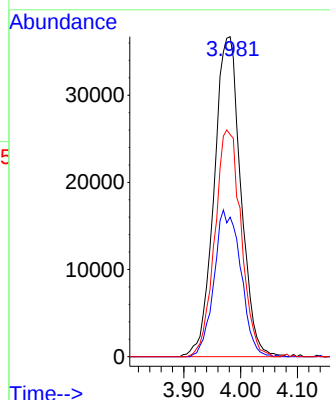
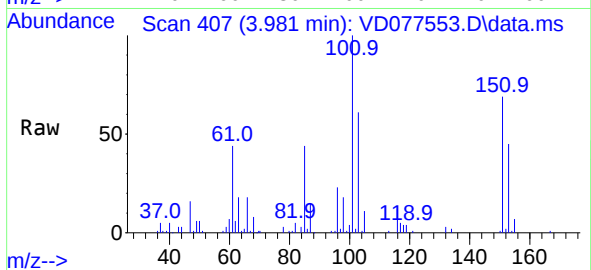




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.402 ug/L
RT: 3.981 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

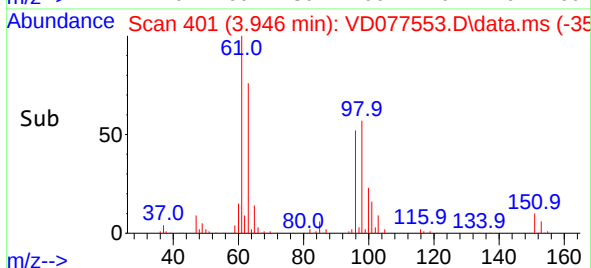
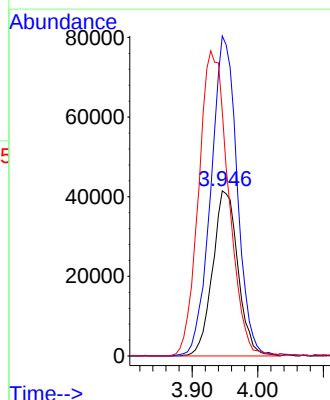
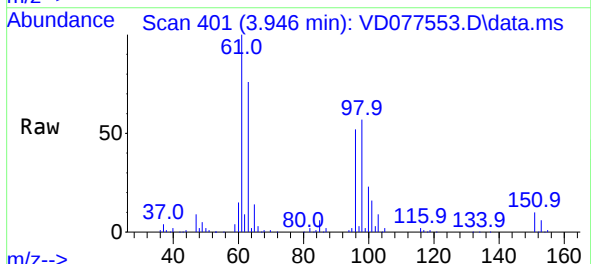
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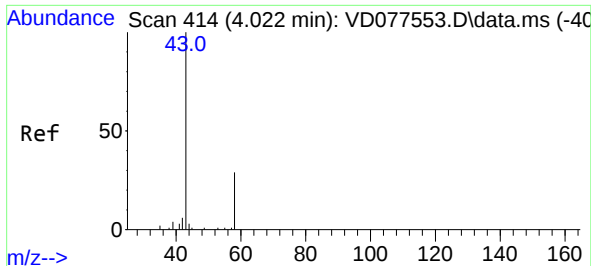
Tgt Ion:101 Resp: 119619
Ion Ratio Lower Upper
101 100
85 23.7 36.8 55.2#
151 69.9 56.6 84.8



#12
1,1-Dichloroethene
Concen: 24.281 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

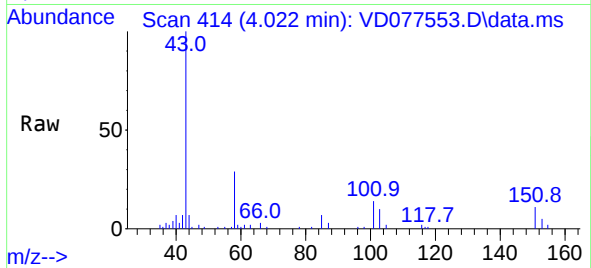
Tgt Ion: 96 Resp: 111023
Ion Ratio Lower Upper
96 100
61 193.8 127.5 236.9
63 148.1 86.4 160.4



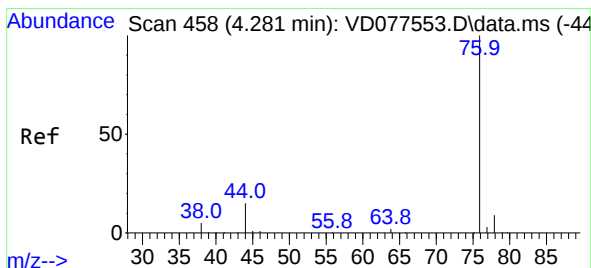
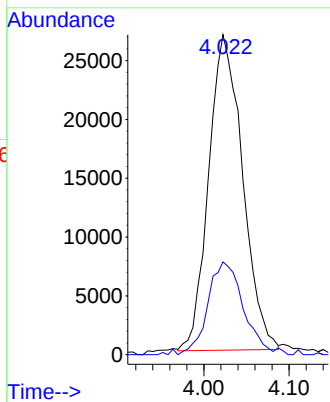
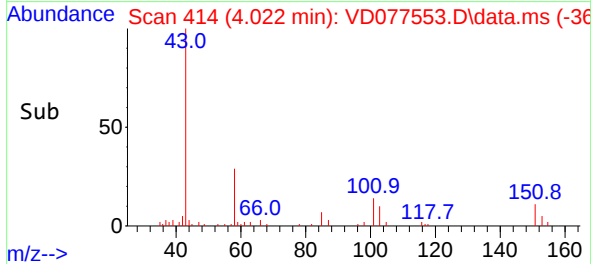


#13
Acetone
Concen: 49.919 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077553.D
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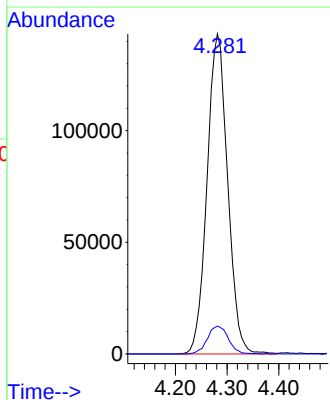
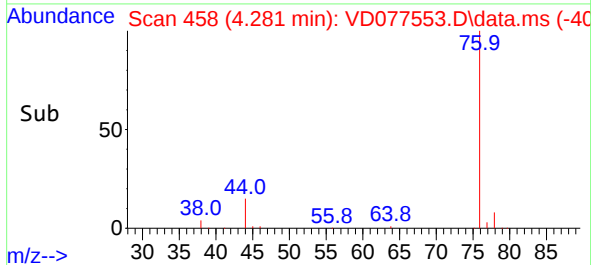
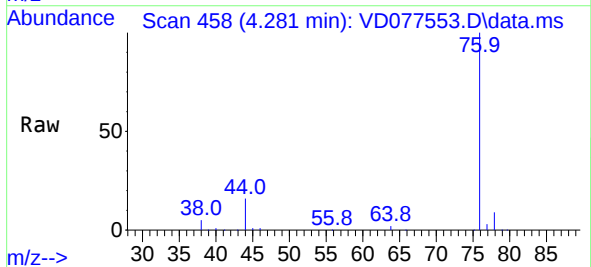


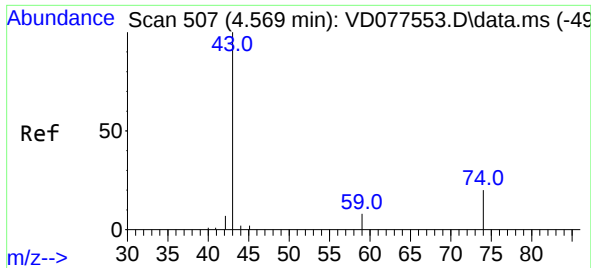
Tgt Ion: 43 Resp: 74306
Ion Ratio Lower Upper
43 100
58 30.4 0.0 64.0



#14
Carbon disulfide
Concen: 24.103 ug/L
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 396839
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3

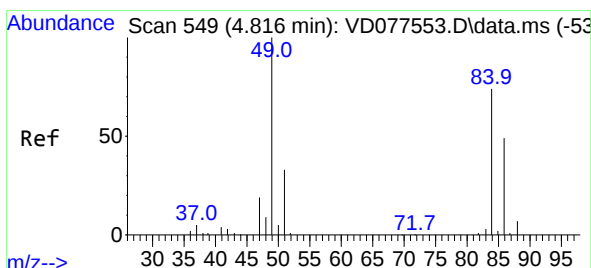
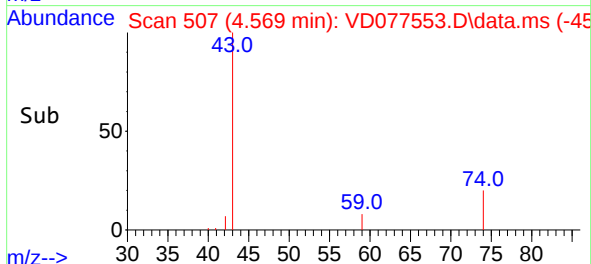
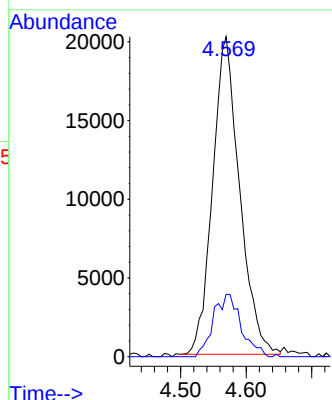
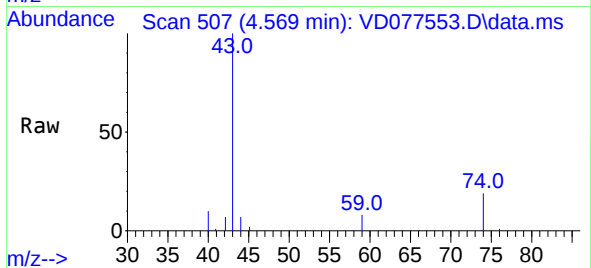




#15
Methyl Acetate
Concen: 23.534 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

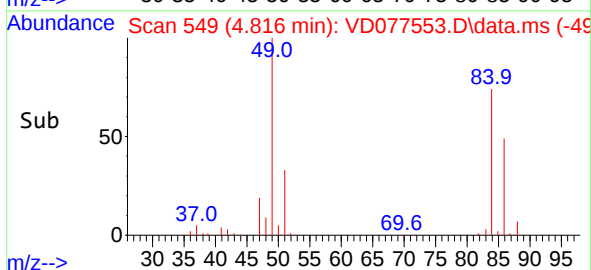
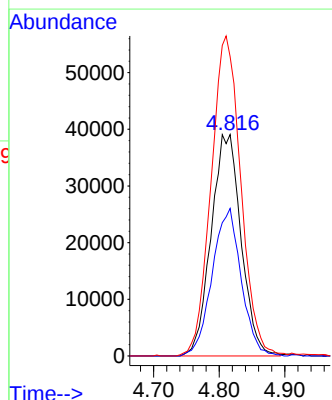
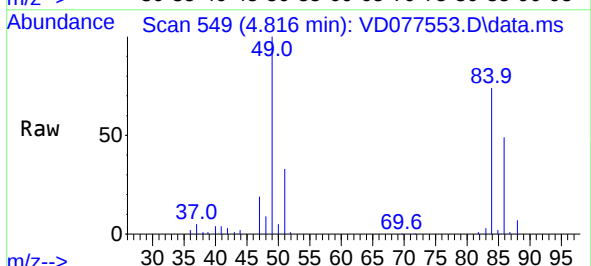
Instrument :
MSVOA_D
ClientSampleId :

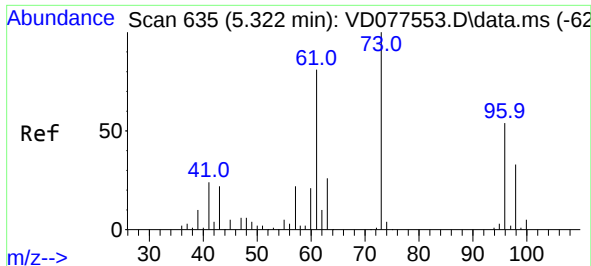
Tgt Ion: 43 Resp: 57630
Ion Ratio Lower Upper
43 100
74 12.1 16.6 24.8#



#16
Methylene chloride
Concen: 22.867 ug/L
RT: 4.816 min Scan# 549
Delta R.T. 0.012 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

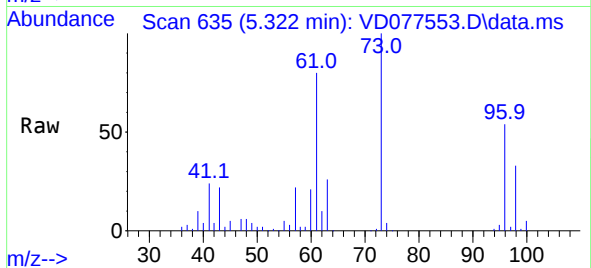
Tgt Ion: 84 Resp: 124134
Ion Ratio Lower Upper
84 100
86 66.6 46.5 86.5
49 135.2 98.3 182.7



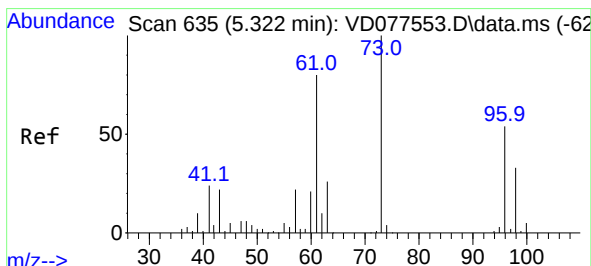
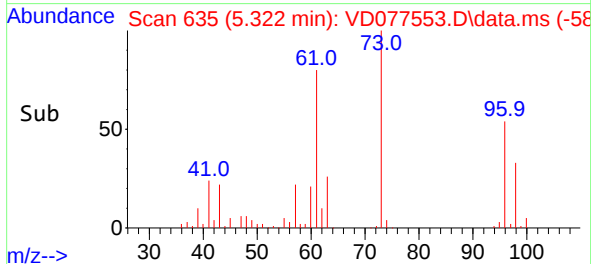
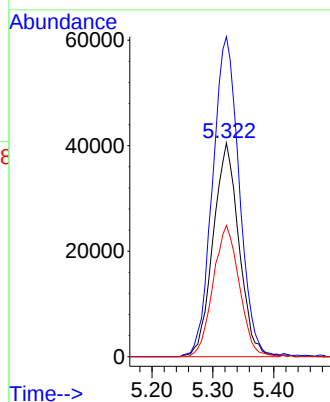


#17
trans-1,2-Dichloroethene
Concen: 24.822 ug/L
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Instrument :
MSVOA_D
ClientSampleId :

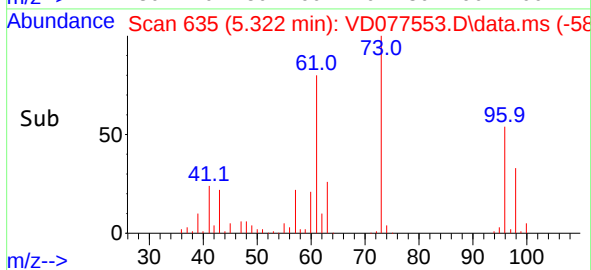
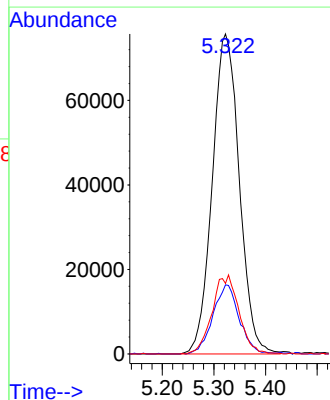
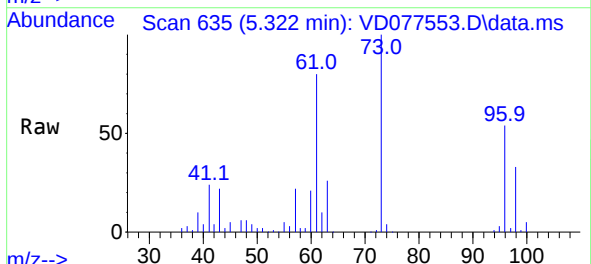


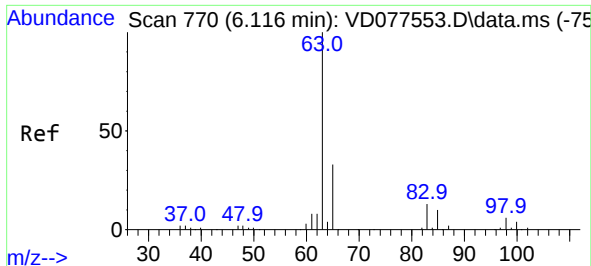
Tgt Ion: 96 Resp: 119385
Ion Ratio Lower Upper
96 100
61 149.7 104.0 193.2
98 61.4 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 24.362 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

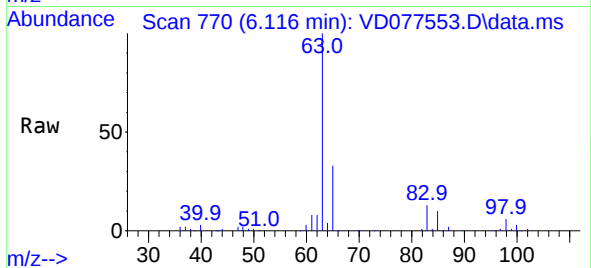
Tgt Ion: 73 Resp: 275015
Ion Ratio Lower Upper
73 100
43 20.9 16.4 24.6
57 13.1 19.3 28.9#



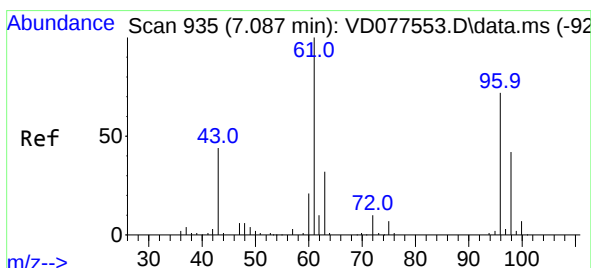
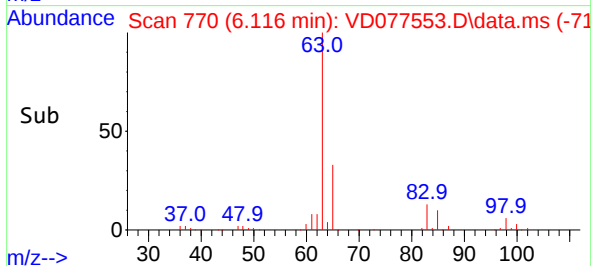
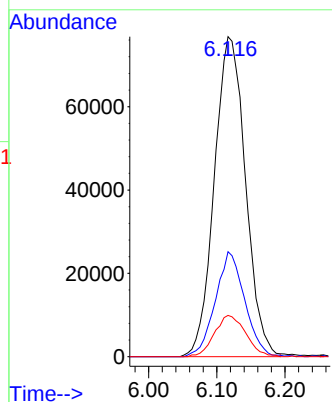


#19
1,1-Dichloroethane
Concen: 25.320 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Instrument :
MSVOA_D
ClientSampleId :

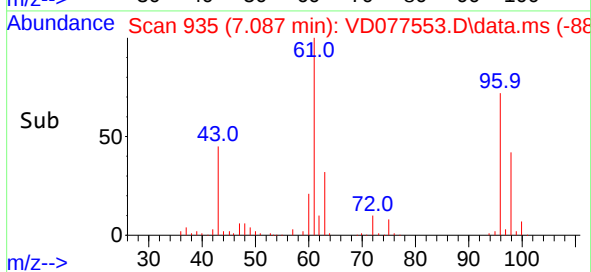
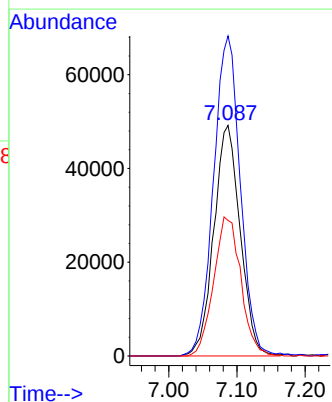
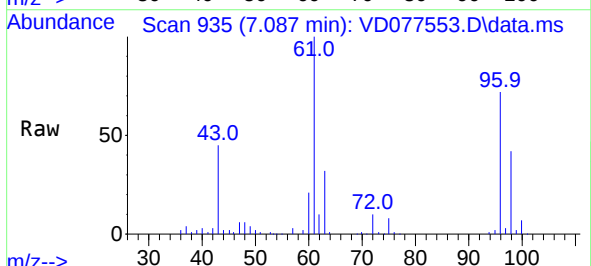


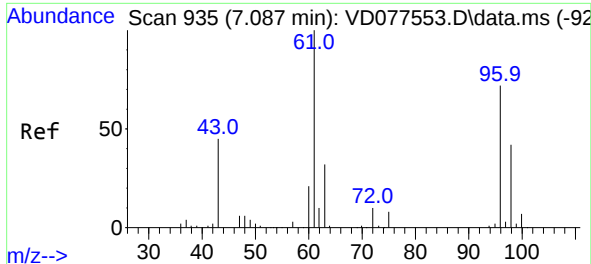
Tgt Ion: 63 Resp: 244338
Ion Ratio Lower Upper
63 100
65 32.8 22.6 42.0
83 12.9 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 25.343 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion: 96 Resp: 132427
Ion Ratio Lower Upper
96 100
61 138.8 95.0 176.4
98 58.8 43.1 80.1





#22

2-Butanone

Concen: 46.609 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077553.D

Acq: 14 Nov 2023 09:22

Instrument :

MSVOA_D

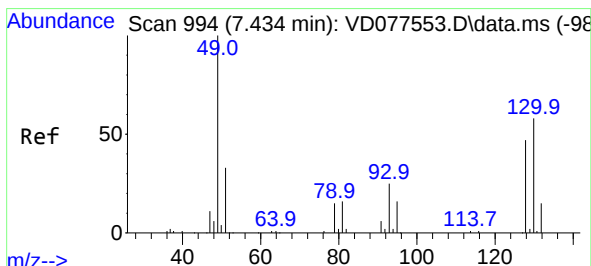
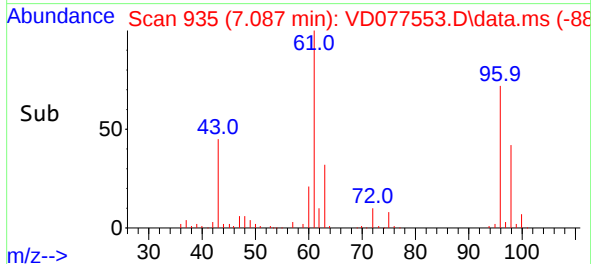
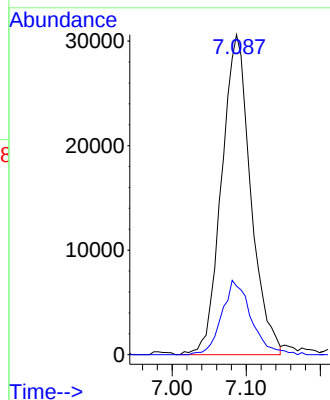
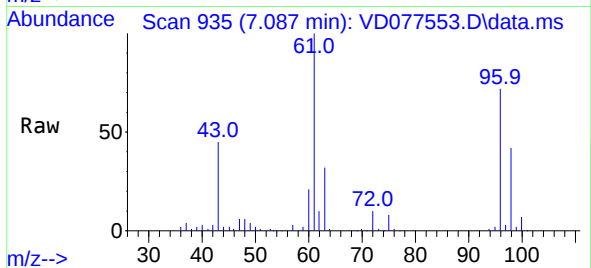
ClientSampleId :

Tgt Ion: 43 Resp: 83477

Ion Ratio Lower Upper

43 100

72 23.4 12.8 38.4



#23

Bromochloromethane

Concen: 24.155 ug/L

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD077553.D

Acq: 14 Nov 2023 09:22

Tgt Ion: 128 Resp: 50718

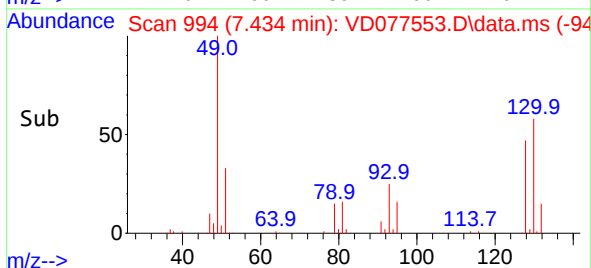
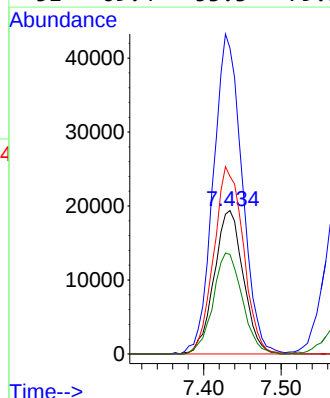
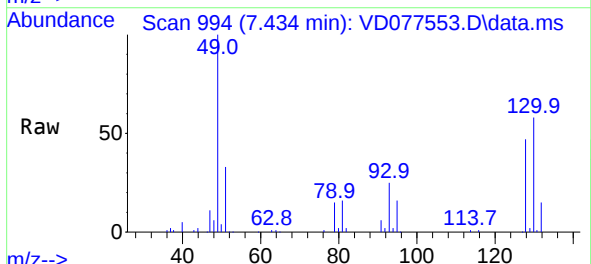
Ion Ratio Lower Upper

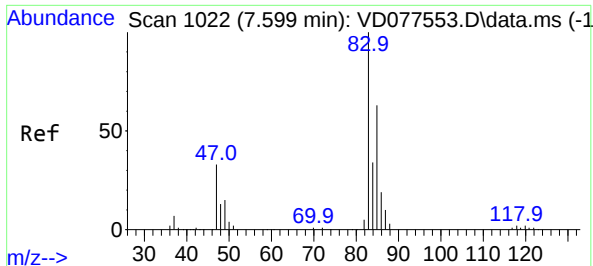
128 100

49 213.4 146.7 272.5

130 126.4 83.2 154.6

51 69.4 53.3 79.9





#25

Chloroform

Concen: 25.911 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077553.D

Acq: 14 Nov 2023 09:22

Instrument :

MSVOA_D

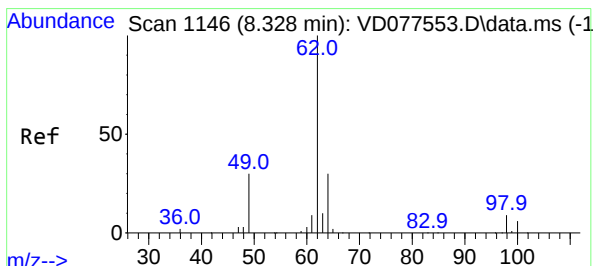
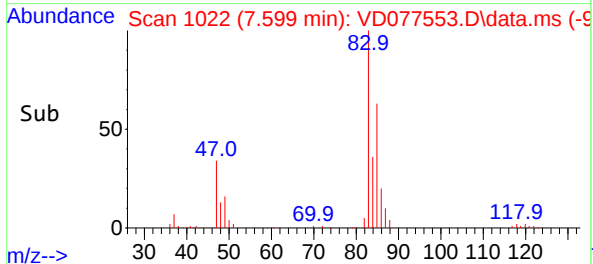
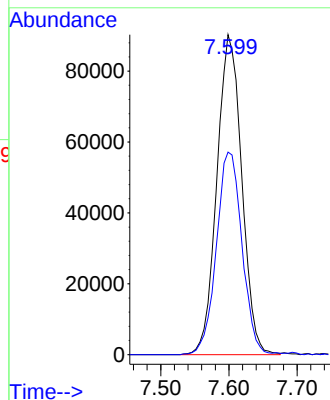
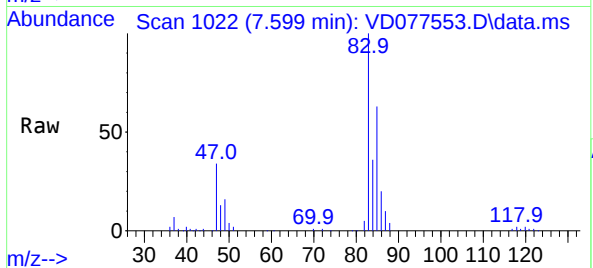
ClientSampleId :

Tgt Ion: 83 Resp: 229699

Ion Ratio Lower Upper

83 100

85 63.3 45.9 85.3



#27

1,2-Dichloroethane

Concen: 25.579 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077553.D

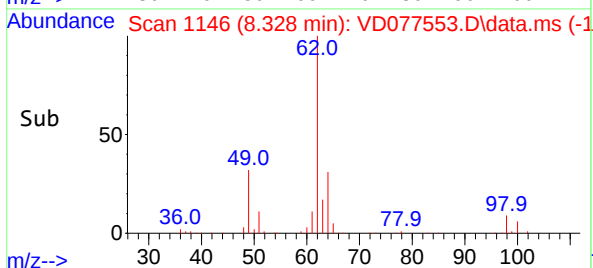
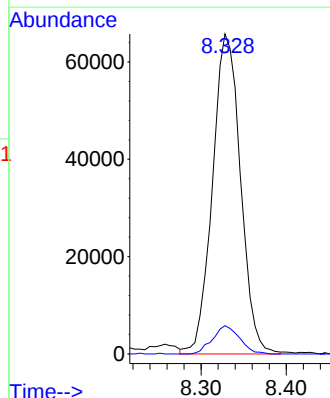
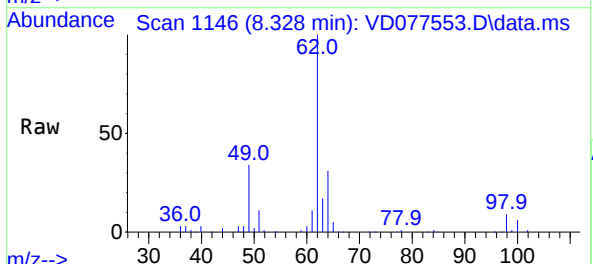
Acq: 14 Nov 2023 09:22

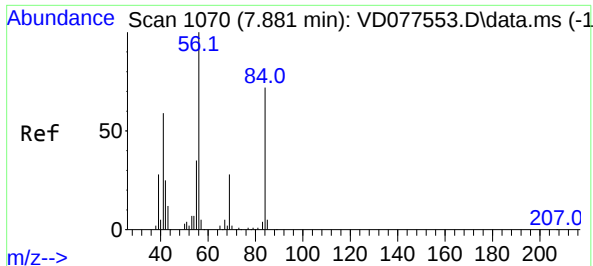
Tgt Ion: 62 Resp: 150317

Ion Ratio Lower Upper

62 100

98 8.9 8.0 12.0





#29

Cyclohexane

Concen: 24.059 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077553.D

Acq: 14 Nov 2023 09:22

Instrument :

MSVOA_D

ClientSampleId :

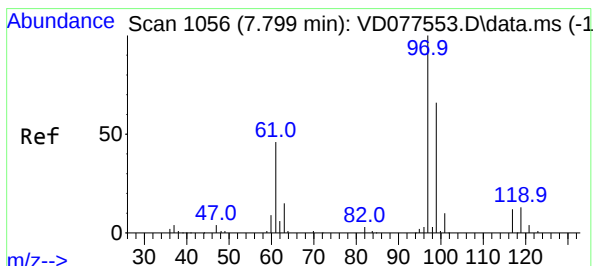
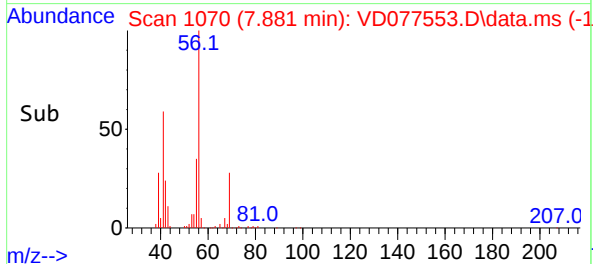
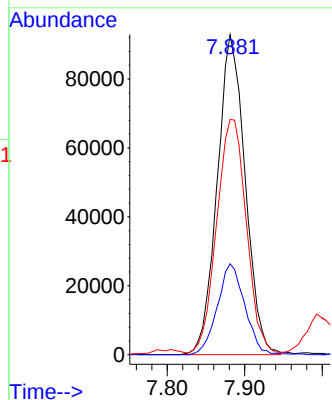
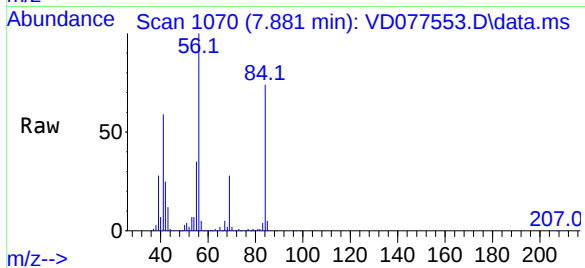
Tgt Ion: 56 Resp: 232929

Ion Ratio Lower Upper

56 100

69 27.8 22.6 33.8

84 78.1 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 25.117 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077553.D

Acq: 14 Nov 2023 09:22

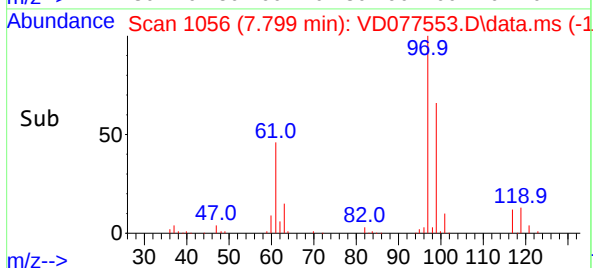
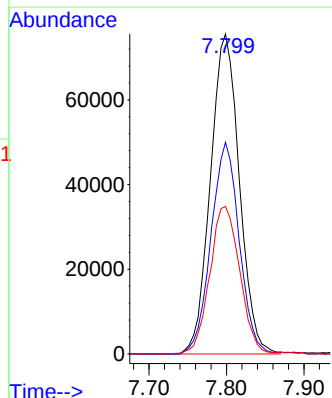
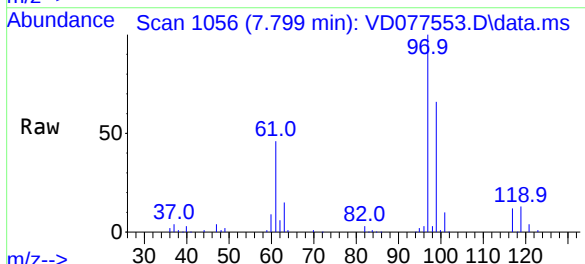
Tgt Ion: 97 Resp: 196066

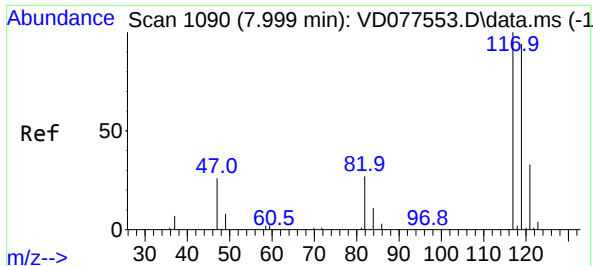
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.2

61 47.7 38.1 57.1

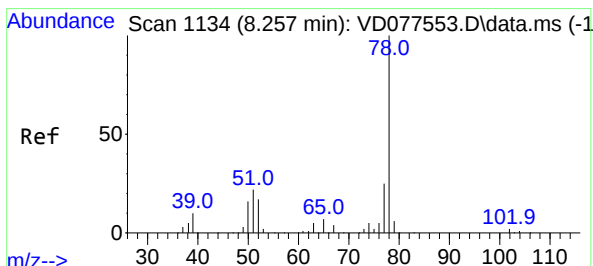
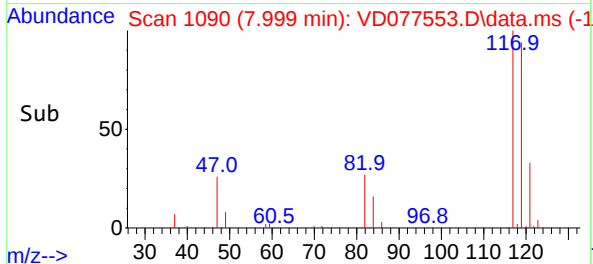
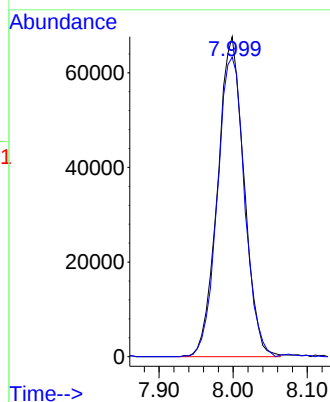
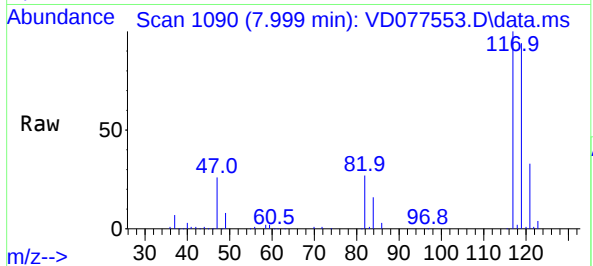




#31
Carbon tetrachloride
Concen: 24.968 ug/L
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

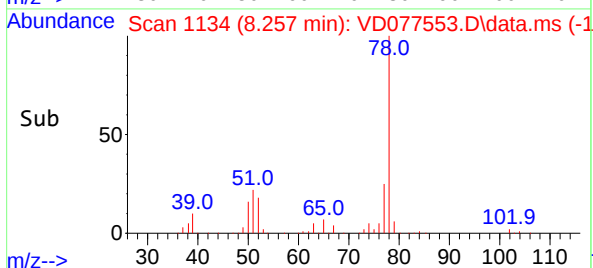
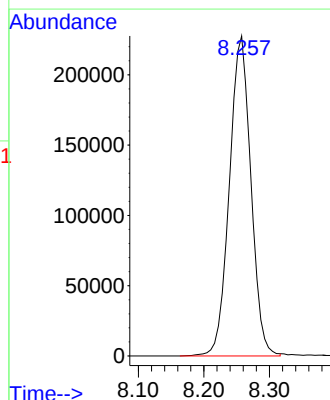
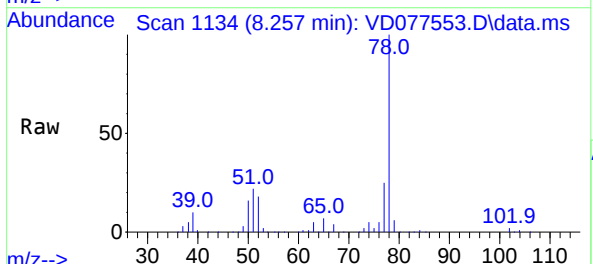
Instrument :
MSVOA_D
ClientSampleId :

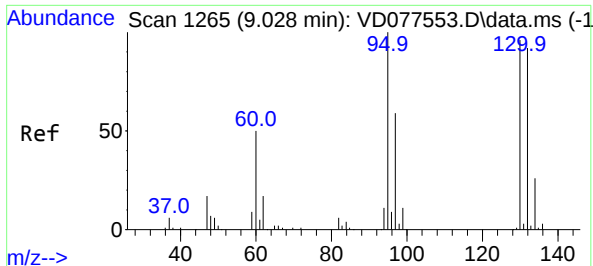
Tgt Ion:117 Resp: 167498
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.0



#33
Benzene
Concen: 25.112 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

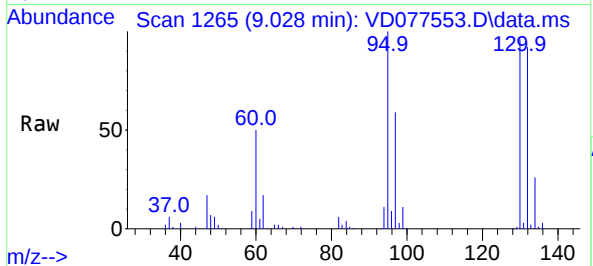
Tgt Ion: 78 Resp: 519265



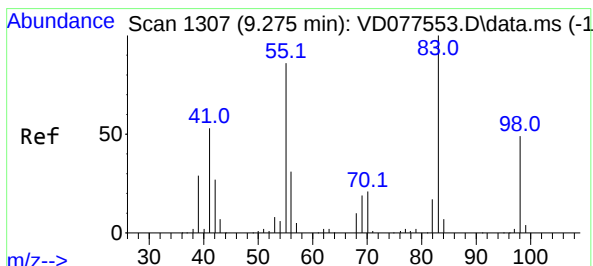
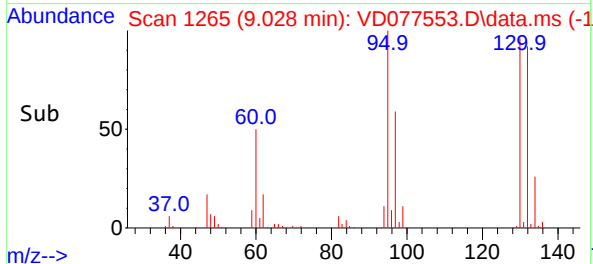
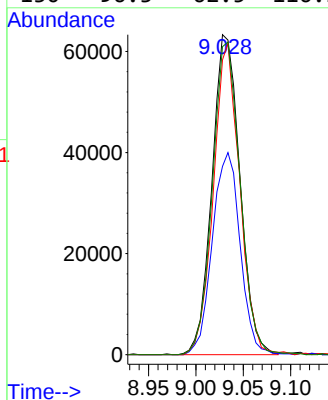


#34
Trichloroethene
Concen: 25.391 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Instrument :
MSVOA_D
ClientSampleId :

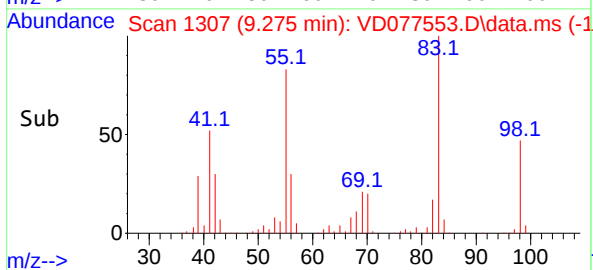
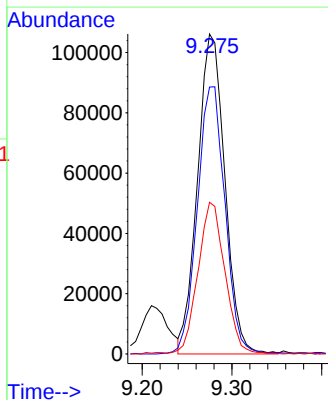
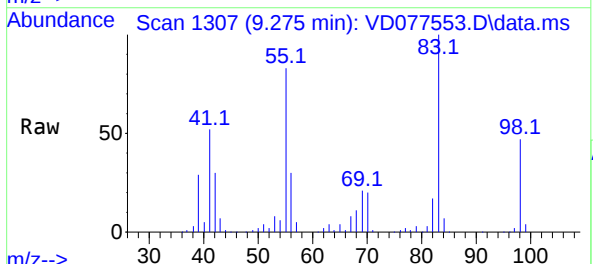


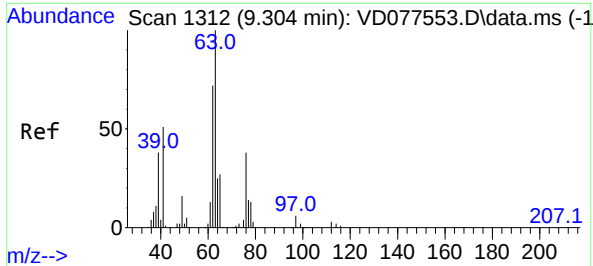
Tgt Ion: 95 Resp: 130098
Ion Ratio Lower Upper
95 100
97 58.8 42.4 78.6
132 92.1 59.4 110.2
130 96.3 62.5 116.1



#35
Methylcyclohexane
Concen: 24.307 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion: 83 Resp: 224747
Ion Ratio Lower Upper
83 100
55 84.5 66.5 99.7
98 46.7 37.4 56.2

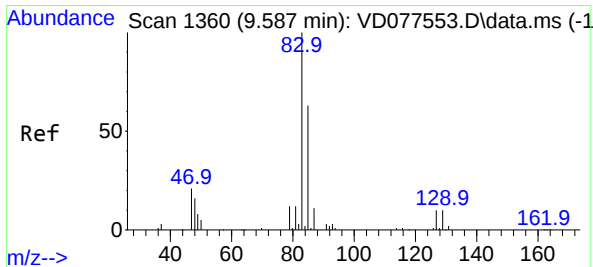
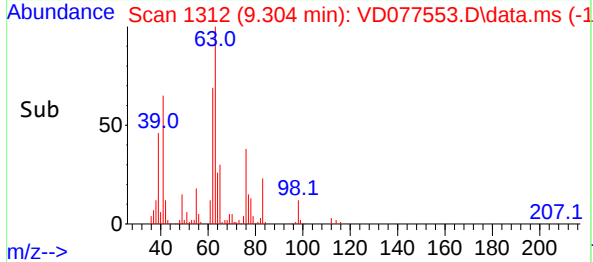
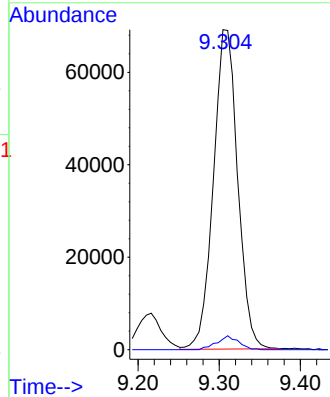
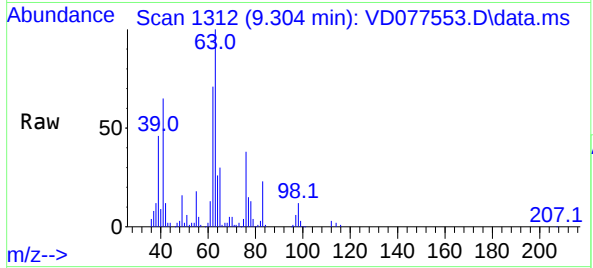




#37
1,2-Dichloropropane
Concen: 24.976 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

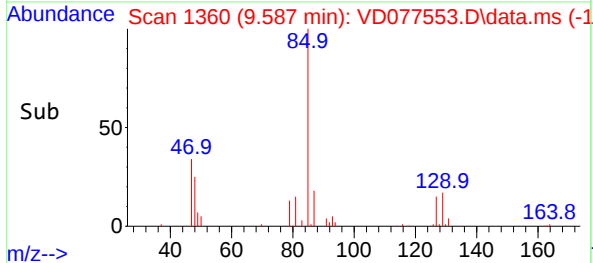
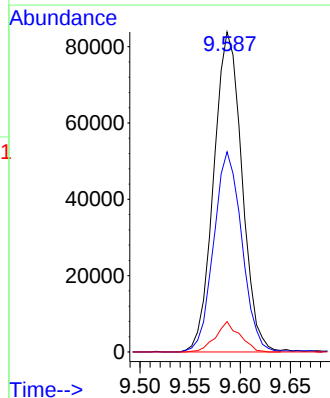
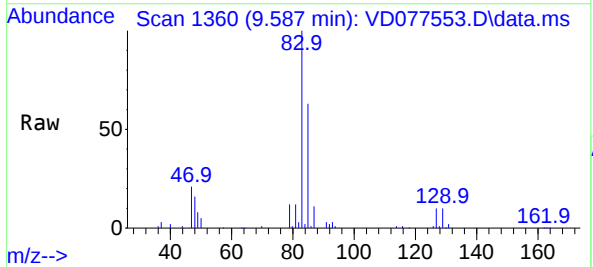
Instrument :
MSVOA_D
ClientSampleId :

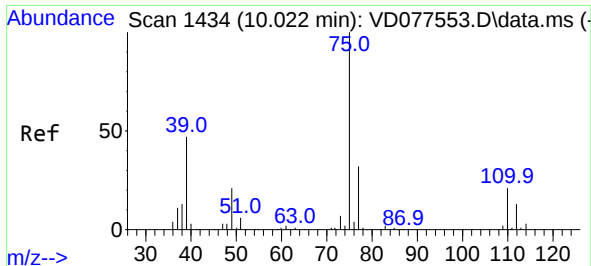
Tgt Ion: 63 Resp: 143571
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8



#38
Bromodichloromethane
Concen: 24.900 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion: 83 Resp: 164182
Ion Ratio Lower Upper
83 100
85 62.6 42.4 78.8
127 9.5 6.4 9.6

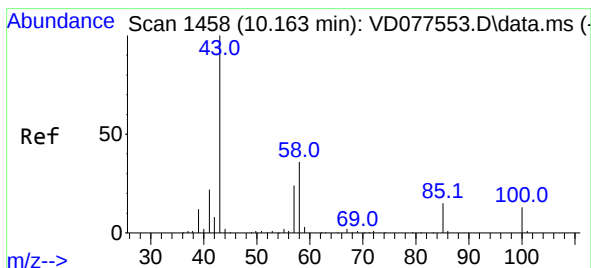
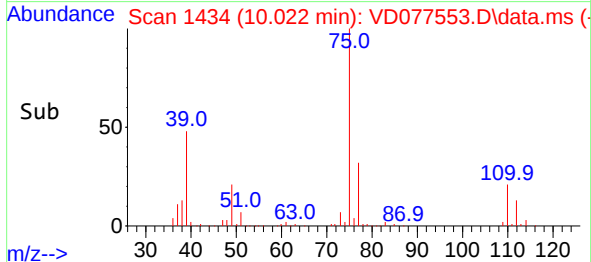
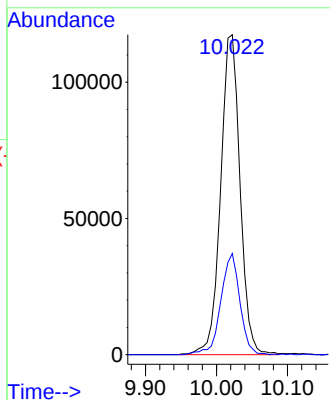
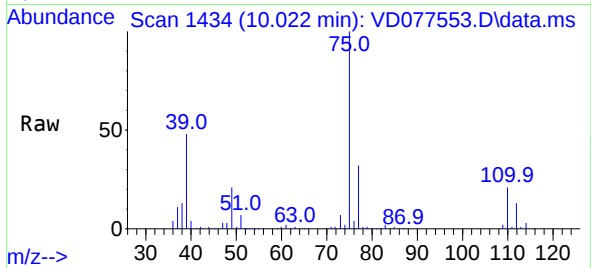




#39
 cis-1,3-Dichloropropene
 Concen: 25.170 ug/L
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077553.D
 Acq: 14 Nov 2023 09:22

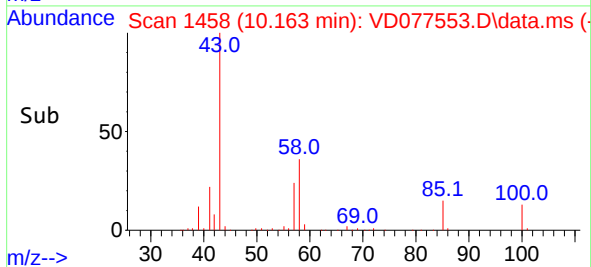
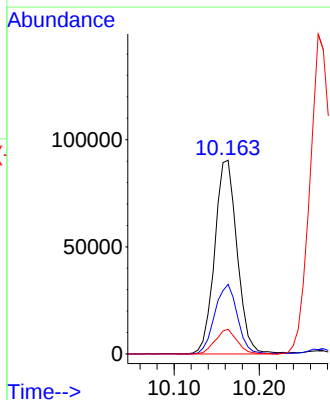
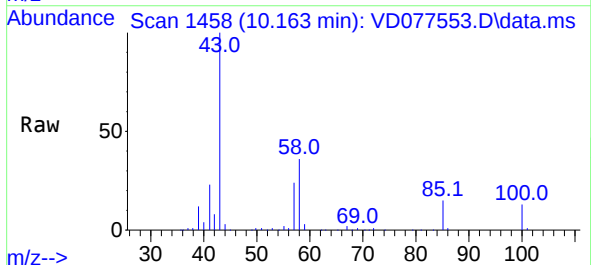
Instrument :
 MSVOA_D
 ClientSampleId :

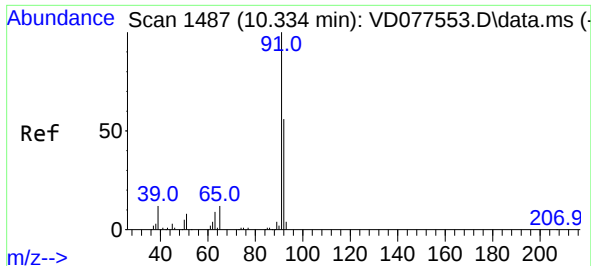
Tgt Ion: 75 Resp: 222334
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 47.303 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD077553.D
 Acq: 14 Nov 2023 09:22

Tgt Ion: 43 Resp: 165708
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.8 44.8
 100 12.3 9.5 14.3

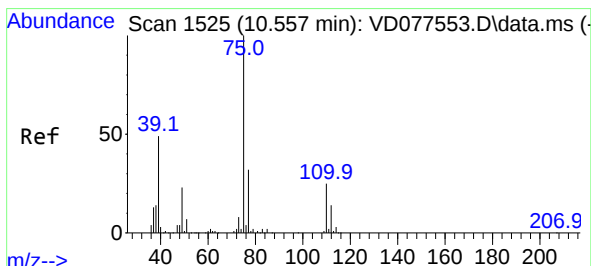
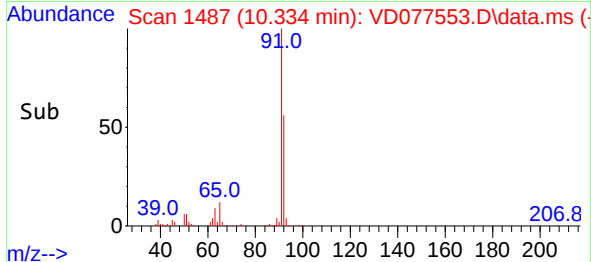
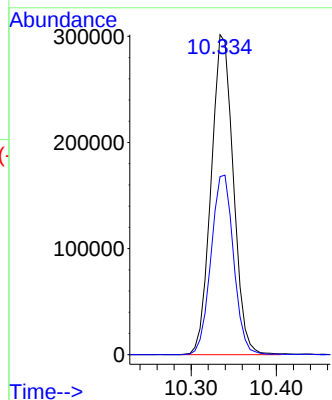
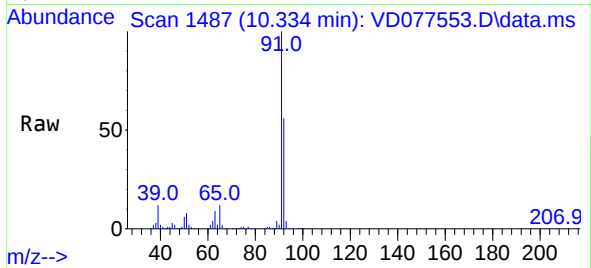




#42
Toluene
Concen: 25.177 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

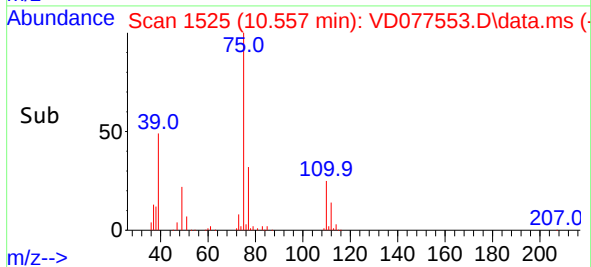
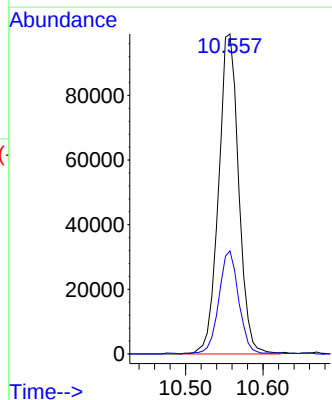
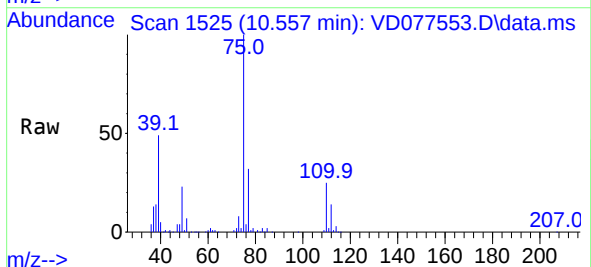
Instrument :
MSVOA_D
ClientSampleId :

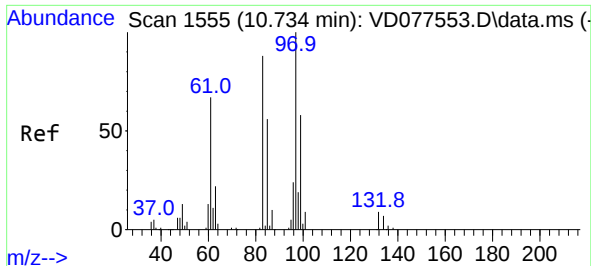
Tgt Ion: 91 Resp: 546587
Ion Ratio Lower Upper
91 100
92 55.6 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.518 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion: 75 Resp: 178956
Ion Ratio Lower Upper
75 100
77 32.2 22.3 41.5

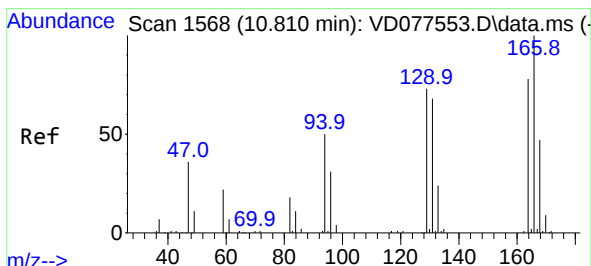
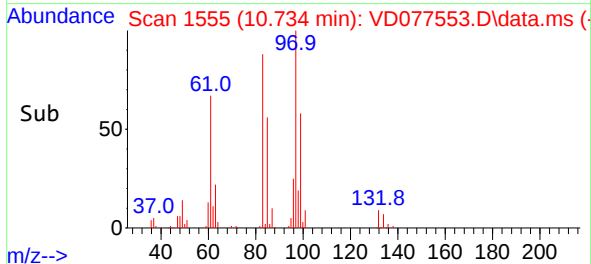
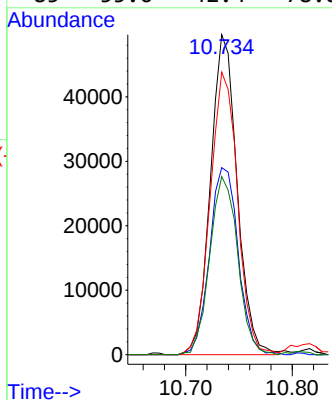
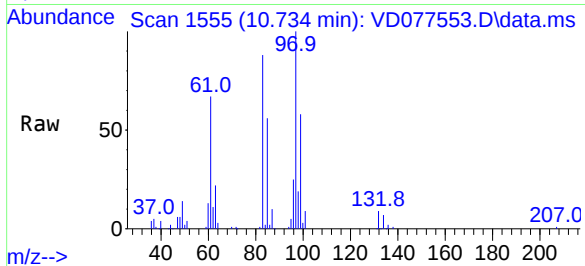




#45
1,1,2-Trichloroethane
Concen: 24.529 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

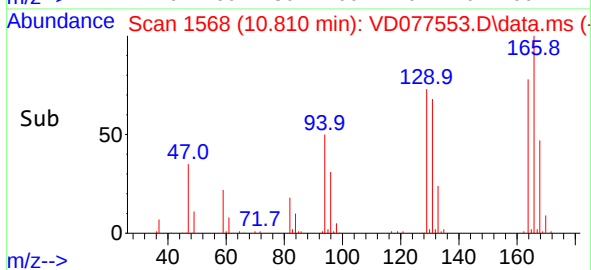
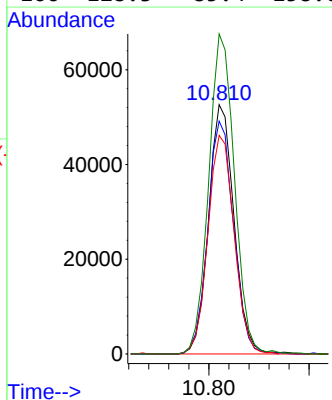
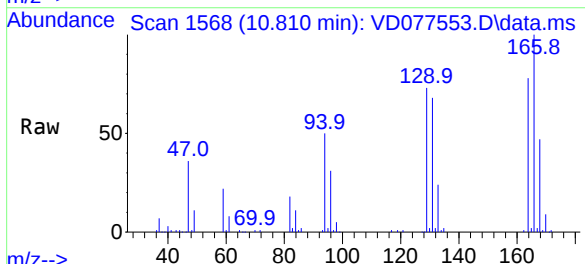
Instrument :
MSVOA_D
ClientSampleId :

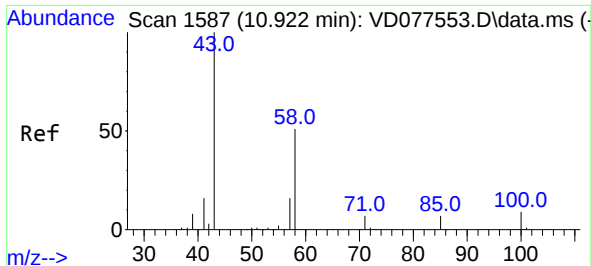
Tgt Ion:	97	Resp:	86191
Ion	Ratio	Lower	Upper
97	100		
99	58.4	43.5	80.7
83	88.3	63.1	117.3
85	55.6	42.4	78.8



#46
Tetrachloroethene
Concen: 24.536 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion:	164	Resp:	92503
Ion	Ratio	Lower	Upper
164	100		
129	93.4	60.6	112.6
131	87.7	61.6	114.4
166	128.3	85.4	158.6

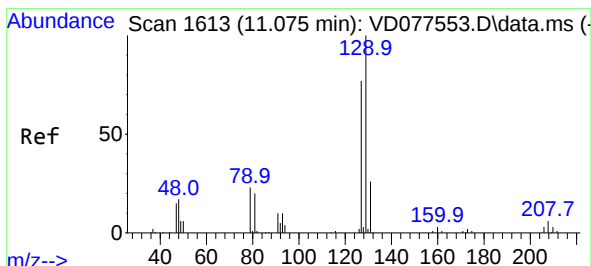
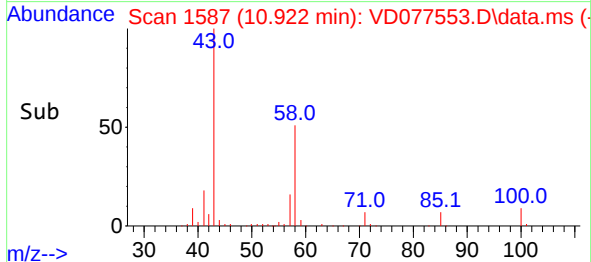
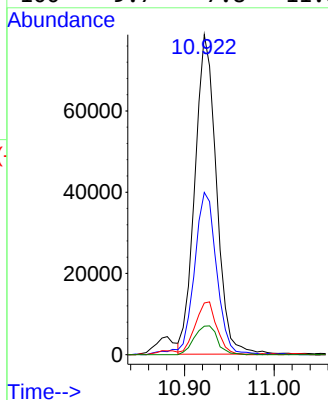
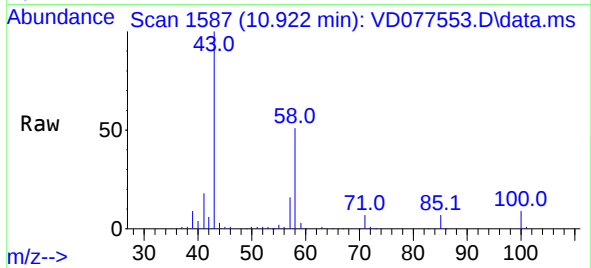




#48
2-Hexanone
Concen: 47.263 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

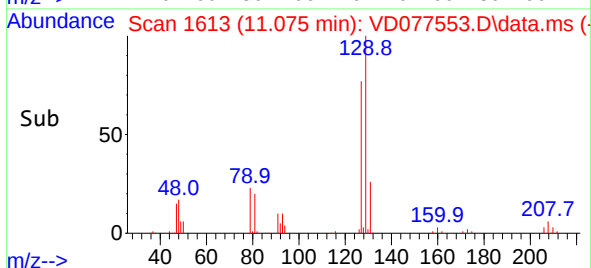
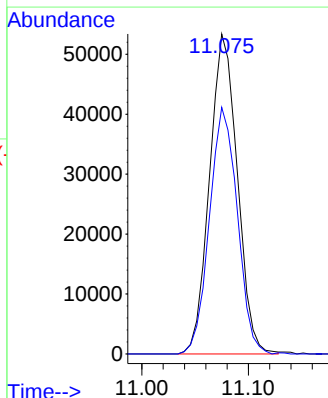
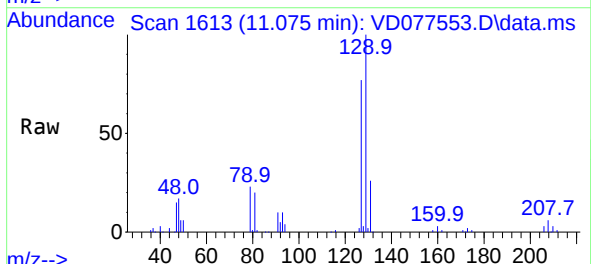
Instrument :
MSVOA_D
ClientSampleId :

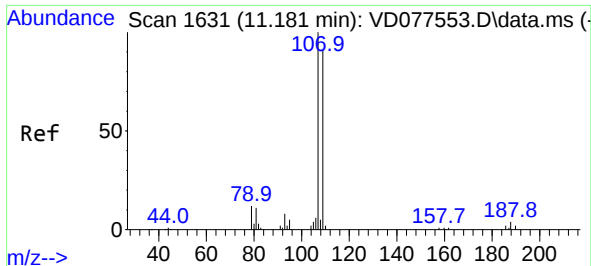
Tgt Ion: 43 Resp: 131235
Ion Ratio Lower Upper
43 100
58 51.8 40.8 61.2
57 16.6 13.7 20.5
100 9.7 7.8 11.8



#49
Dibromochloromethane
Concen: 24.275 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion: 129 Resp: 96892
Ion Ratio Lower Upper
129 100
127 77.0 54.9 102.1

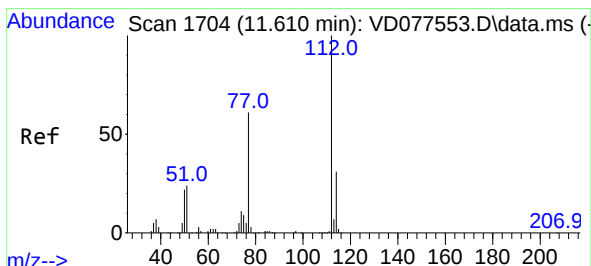
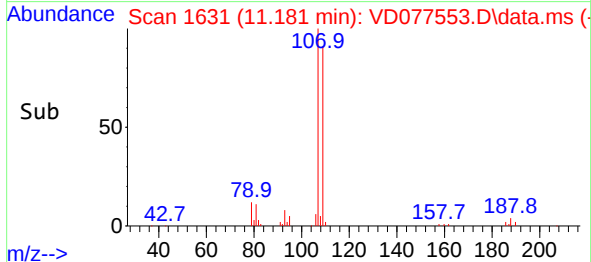
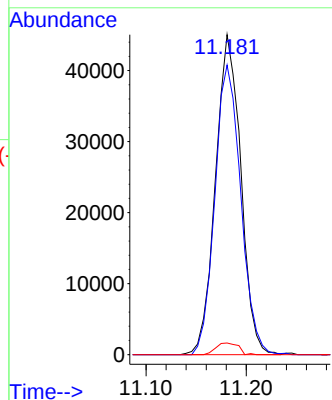
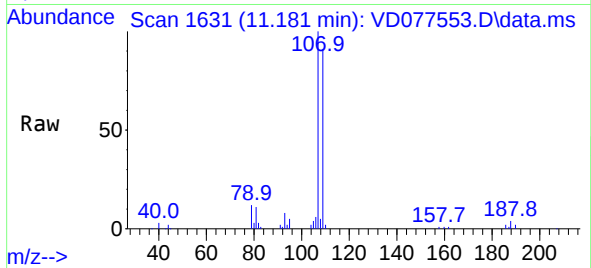




#50
1,2-Dibromoethane
Concen: 23.485 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

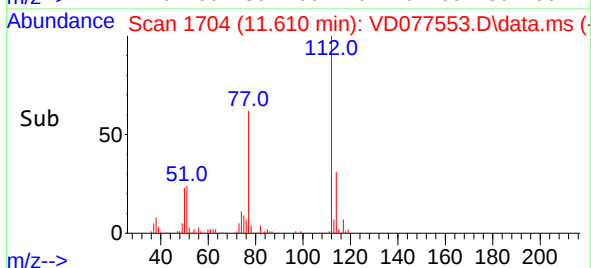
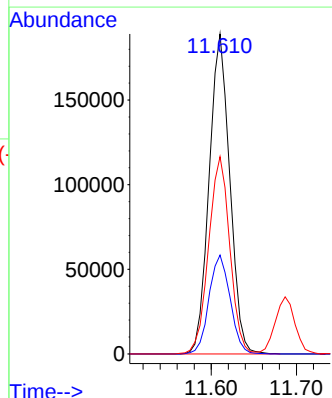
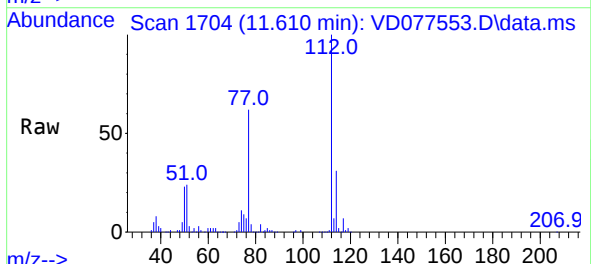
Instrument :
MSVOA_D
ClientSampleId :

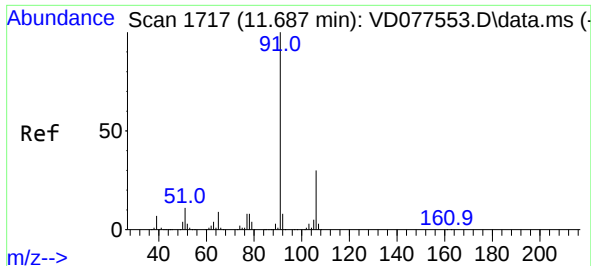
Tgt Ion:107 Resp: 78916
Ion Ratio Lower Upper
107 100
109 90.5 64.8 120.3
188 3.6 3.2 4.8



#51
Chlorobenzene
Concen: 25.053 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion:112 Resp: 318642
Ion Ratio Lower Upper
112 100
114 30.9 22.4 41.6
77 61.7 49.6 74.4

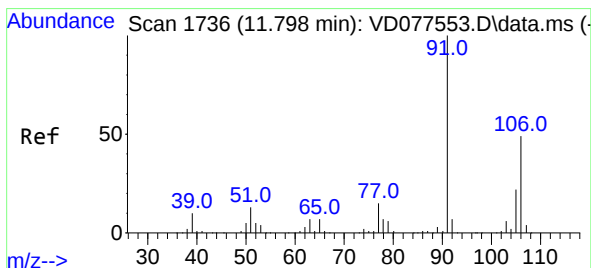
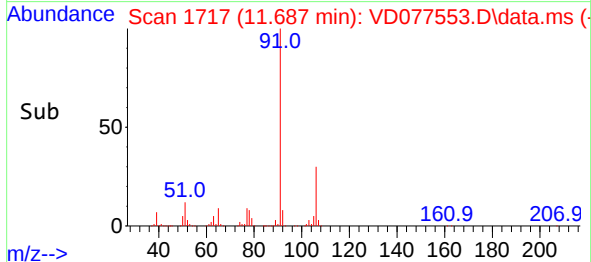
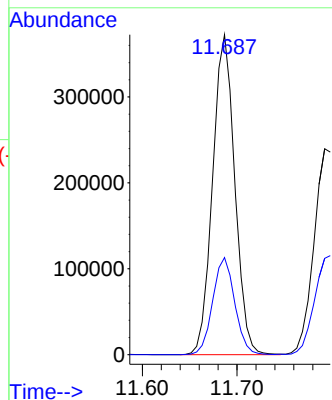
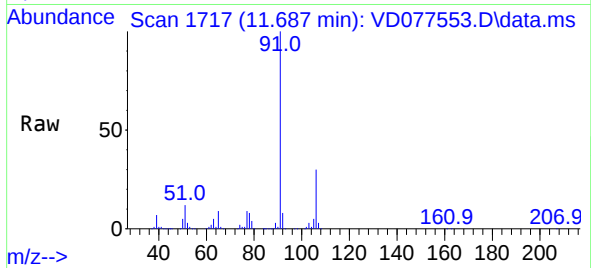




#52
Ethylbenzene
Concen: 25.379 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

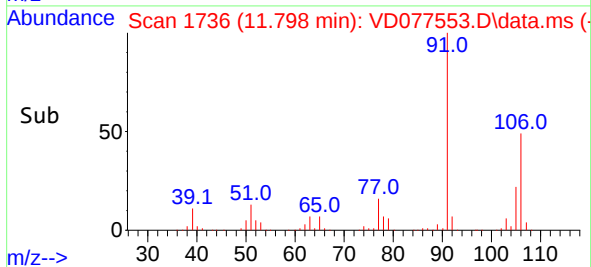
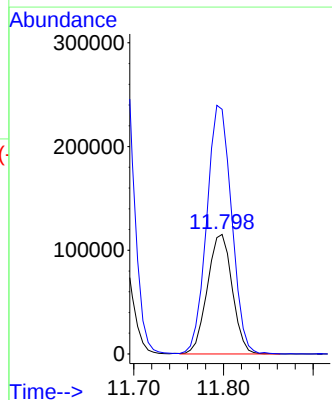
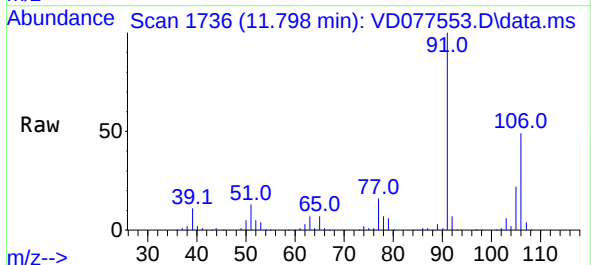
Instrument :
MSVOA_D
ClientSampleId :

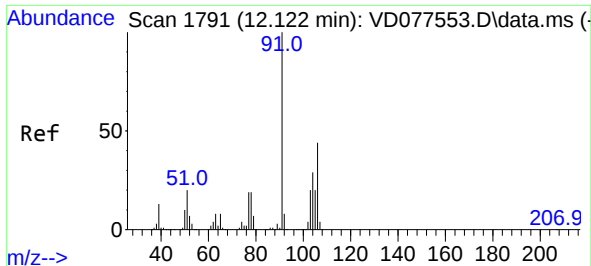
Tgt Ion: 91 Resp: 606261
Ion Ratio Lower Upper
91 100
106 30.3 22.0 40.8



#53
m,p-Xylene
Concen: 25.497 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion: 106 Resp: 221636
Ion Ratio Lower Upper
106 100
91 204.6 146.7 272.4

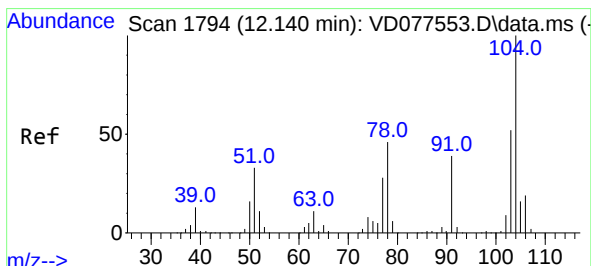
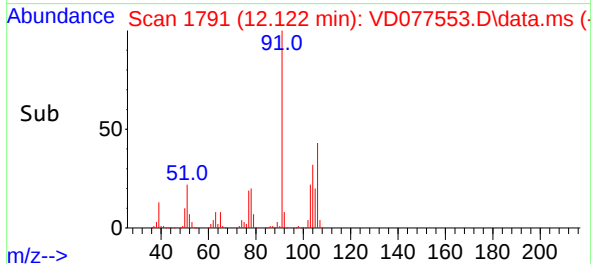
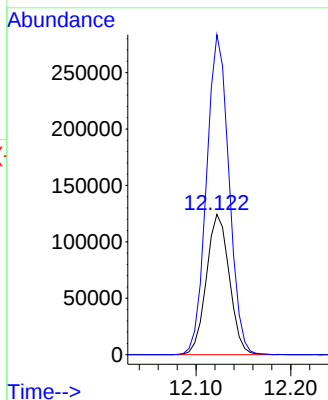
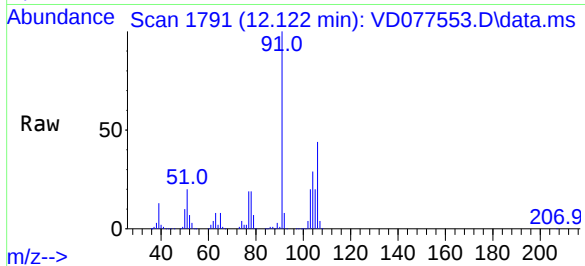




#54
o-Xylene
Concen: 25.142 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

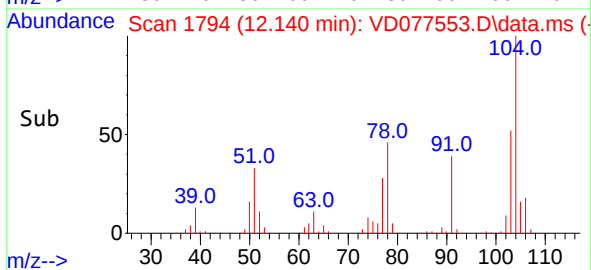
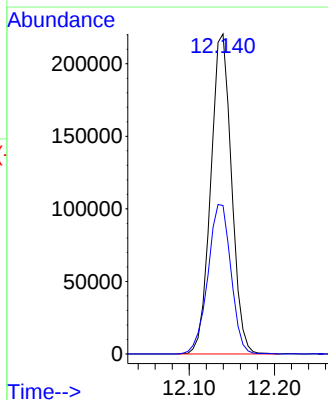
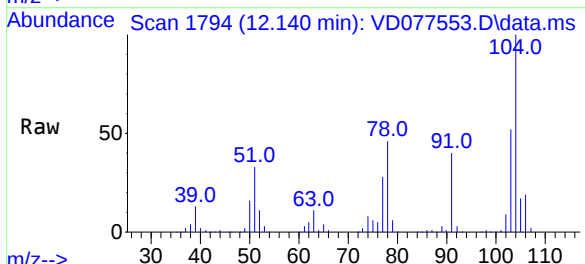
Instrument :
MSVOA_D
ClientSampleId :

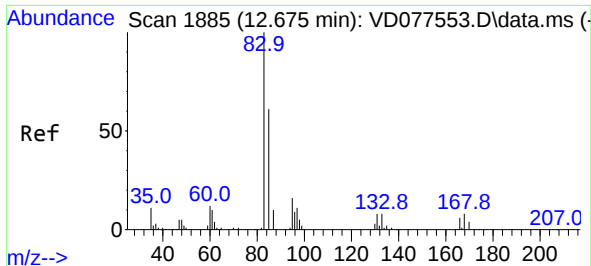
Tgt Ion:106 Resp: 209318
Ion Ratio Lower Upper
106 100
91 228.1 158.5 294.4



#55
Styrene
Concen: 25.741 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion:104 Resp: 374180
Ion Ratio Lower Upper
104 100
78 46.4 34.9 64.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.942 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077553.D

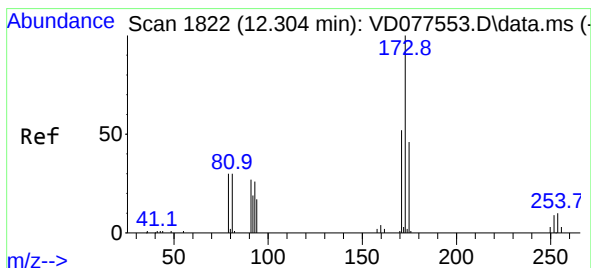
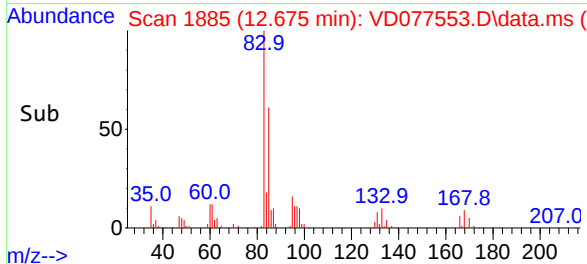
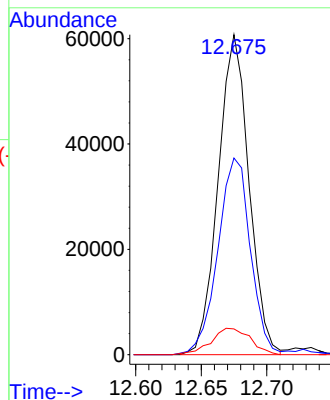
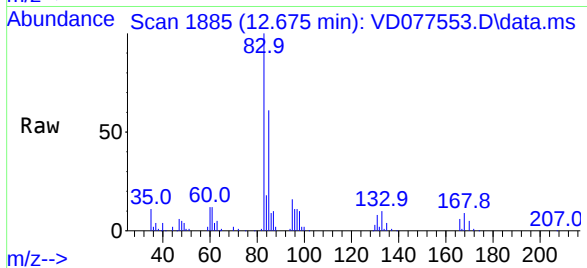
Acq: 14 Nov 2023 09:22

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	99107
Ion	Ratio	Lower	Upper
83	100		
85	61.4	44.9	83.3
131	8.0	7.2	10.8



#59

Bromoform

Concen: 23.380 ug/L

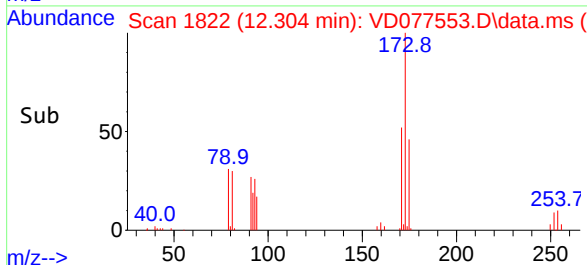
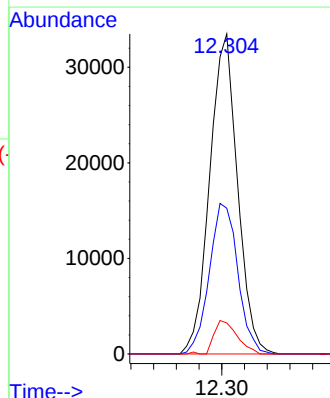
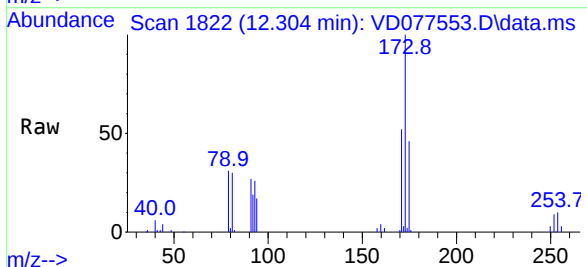
RT: 12.304 min Scan# 1822

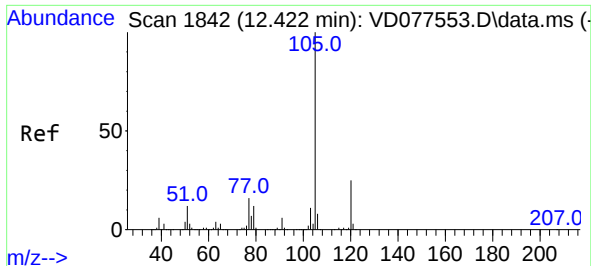
Delta R.T. -0.000 min

Lab File: VD077553.D

Acq: 14 Nov 2023 09:22

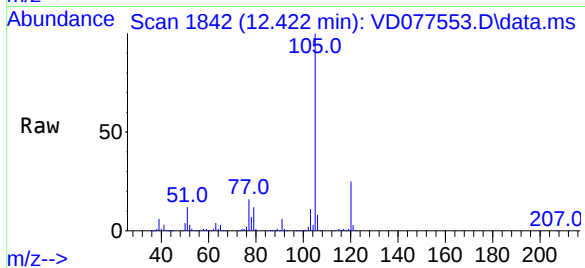
Tgt Ion:	173	Resp:	56950
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.2	57.2
254	8.6	7.1	10.7



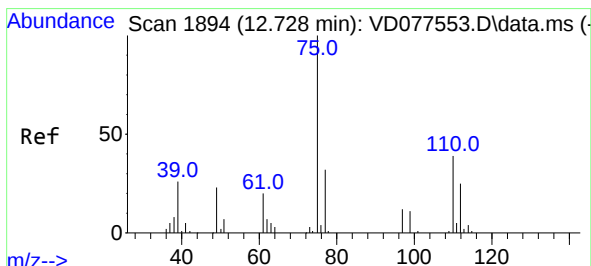
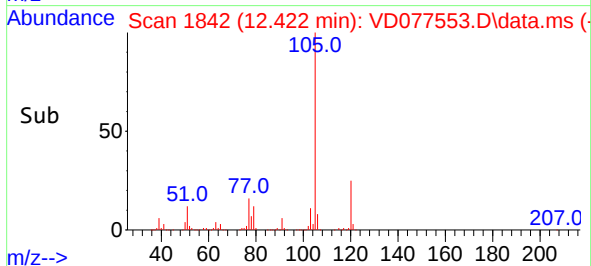
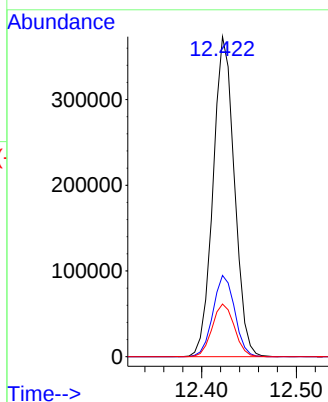


#60
Isopropylbenzene
Concen: 25.298 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Instrument :
MSVOA_D
ClientSampleId :

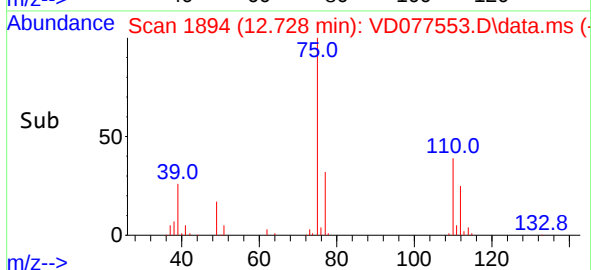
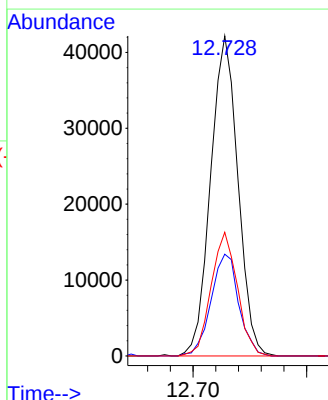
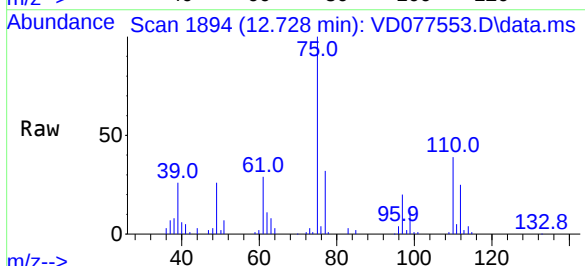


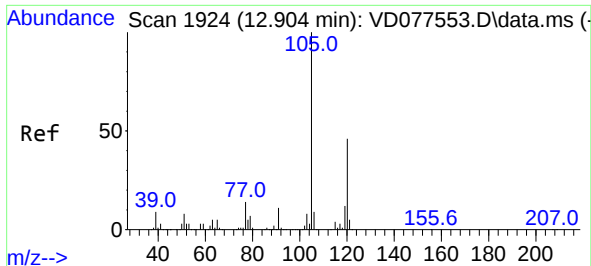
Tgt Ion:105 Resp: 584605
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 17.1 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 23.158 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion: 75 Resp: 70475
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 37.2 29.6 44.4

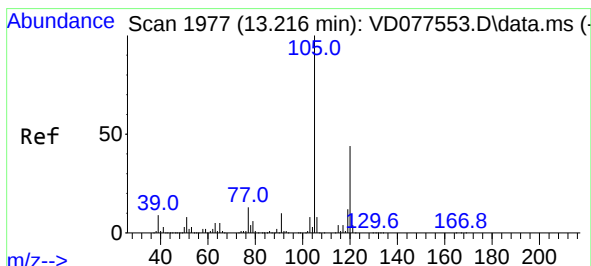
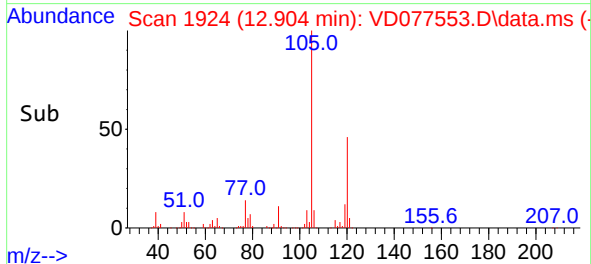
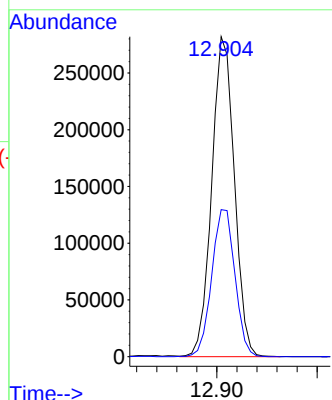
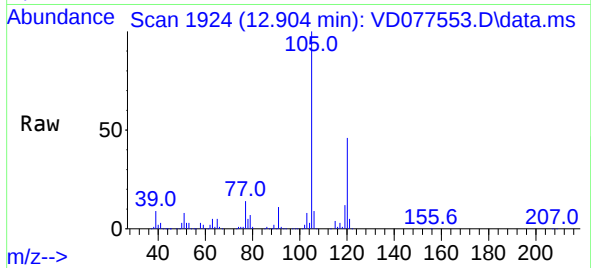




#62
1,3,5-Trimethylbenzene
Concen: 25.209 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

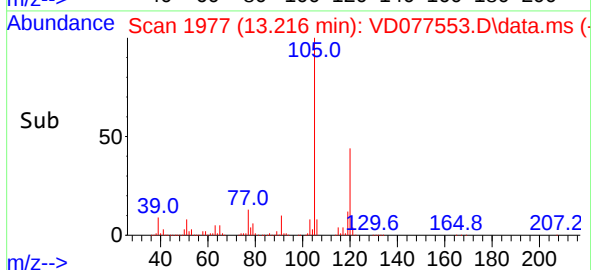
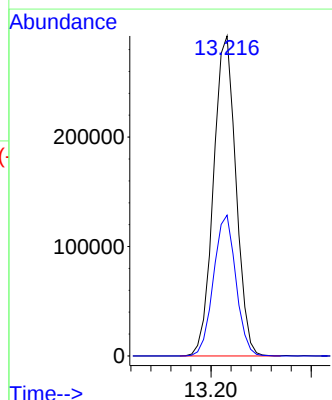
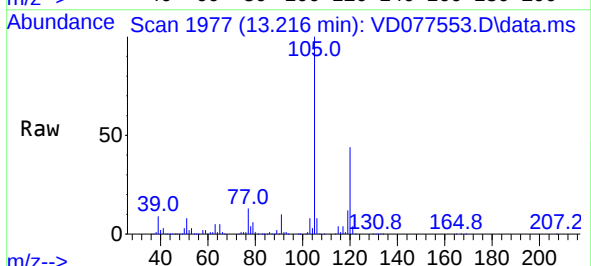
Instrument :
MSVOA_D
ClientSampleId :

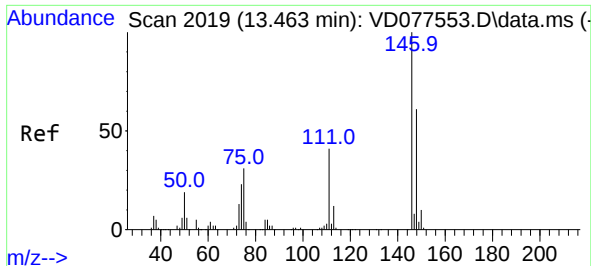
Tgt Ion:105 Resp: 442131
Ion Ratio Lower Upper
105 100
120 47.1 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 25.558 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion:105 Resp: 454068
Ion Ratio Lower Upper
105 100
120 43.8 35.6 53.4

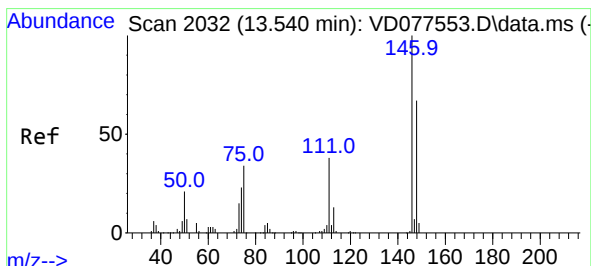
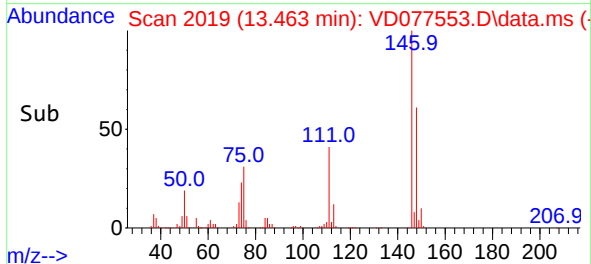
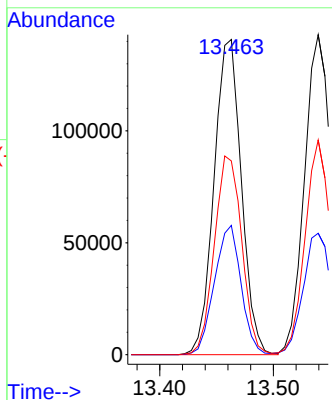
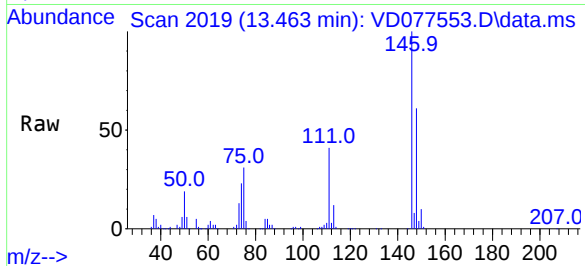




#64
1,3-Dichlorobenzene
Concen: 24.837 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

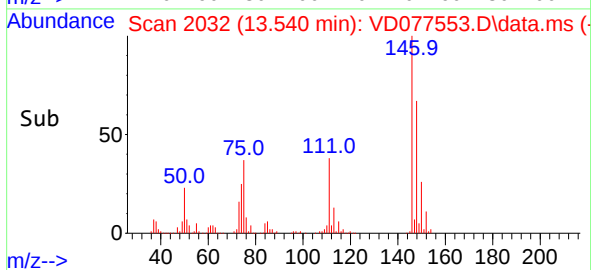
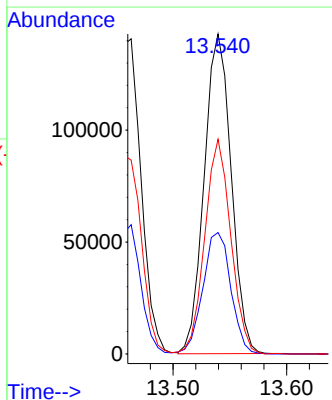
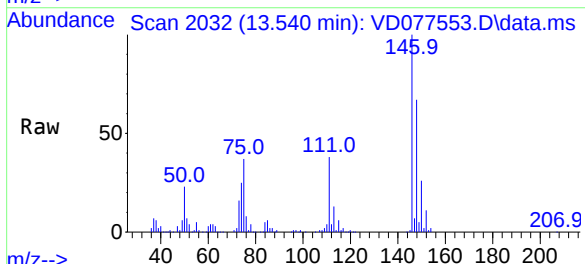
Instrument :
MSVOA_D
ClientSampleId :

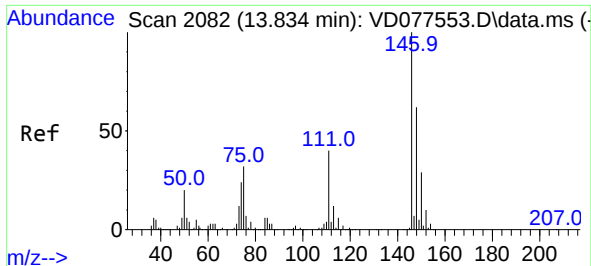
Tgt Ion:146 Resp: 235467
Ion Ratio Lower Upper
146 100
111 41.0 27.2 50.6
148 61.4 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 24.658 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

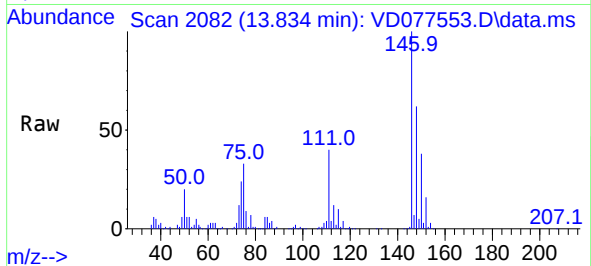
Tgt Ion:146 Resp: 235919
Ion Ratio Lower Upper
146 100
111 38.0 25.6 47.4
148 67.1 44.1 81.9



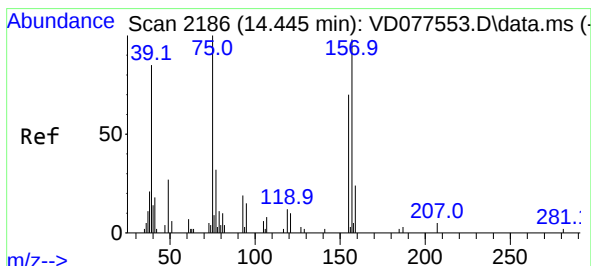
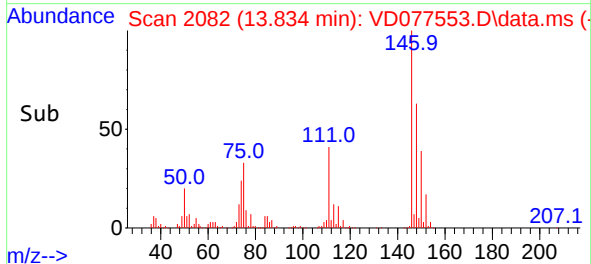
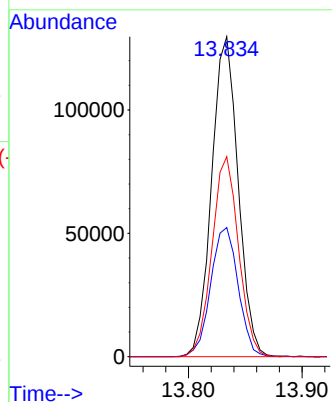


#67
1,2-Dichlorobenzene
Concen: 25.092 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Instrument :
MSVOA_D
ClientSampleId :

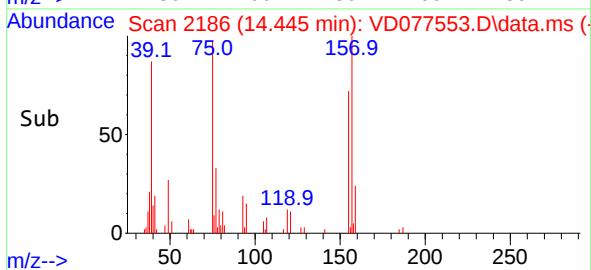
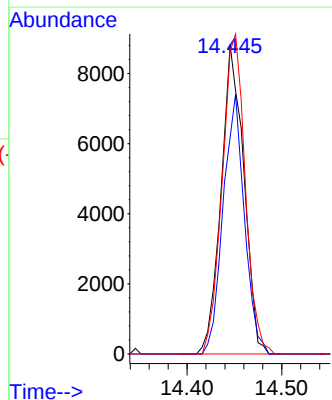
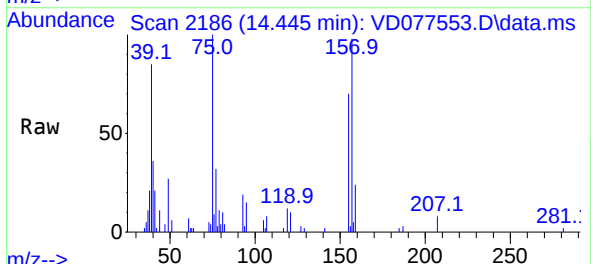


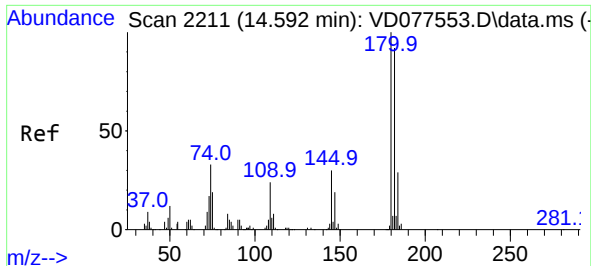
Tgt Ion:146 Resp: 210312
Ion Ratio Lower Upper
146 100
111 40.3 33.8 50.6
148 62.5 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 22.242 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion: 75 Resp: 14723
Ion Ratio Lower Upper
75 100
155 70.1 58.2 87.2
157 97.9 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 24.753 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

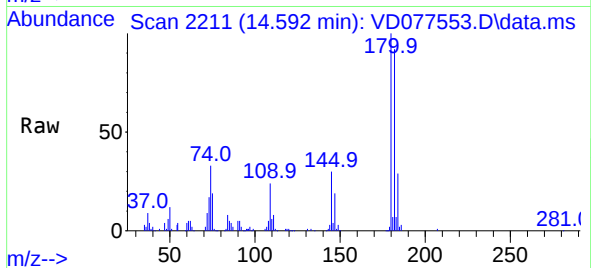
Lab File: VD077553.D

Acq: 14 Nov 2023 09:22

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 159785

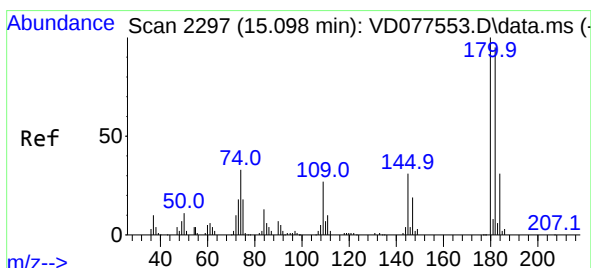
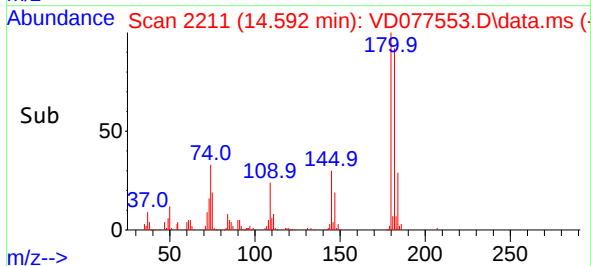
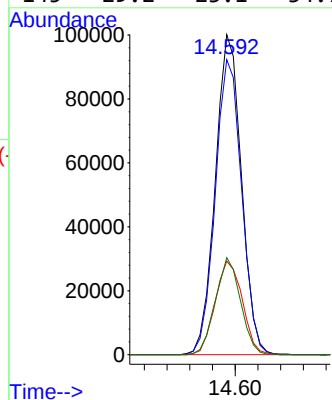
Ion Ratio Lower Upper

180 100

182 93.3 76.1 114.1

184 30.4 24.0 36.0

145 29.2 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 24.040 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077553.D

Acq: 14 Nov 2023 09:22

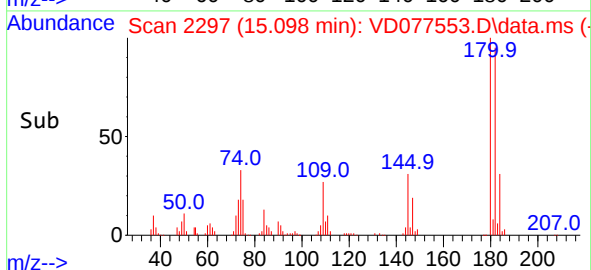
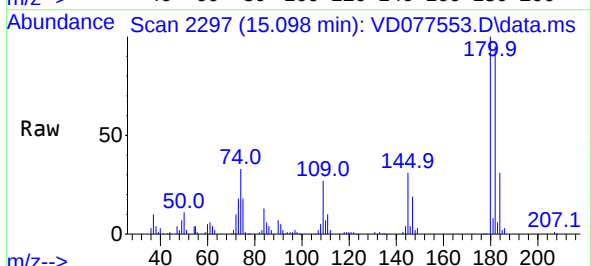
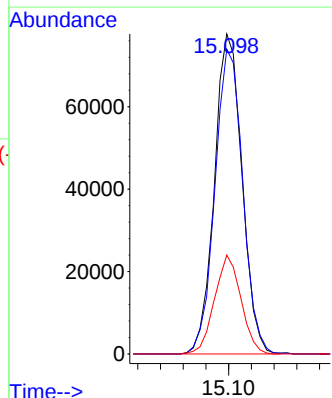
Tgt Ion:180 Resp: 130788

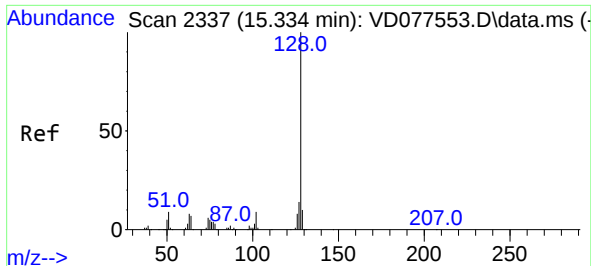
Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.6

145 29.6 24.1 36.1

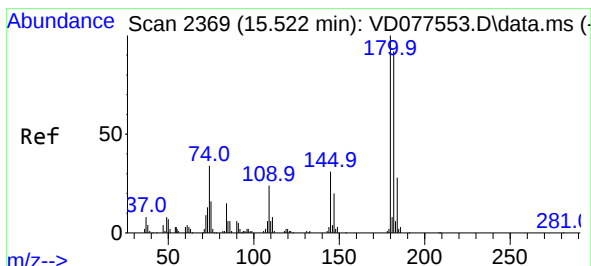
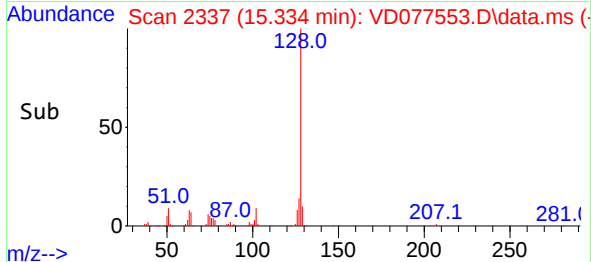
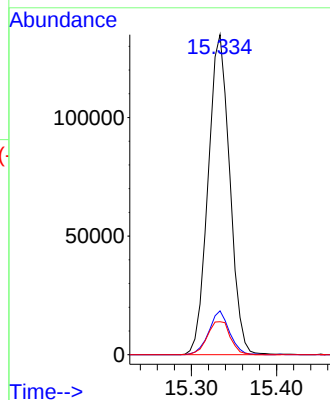
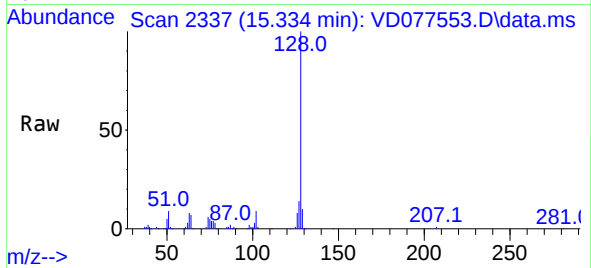




#71
Naphthalene
Concen: 23.245 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 238342
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.400 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077553.D
Acq: 14 Nov 2023 09:22

Tgt Ion:180 Resp: 113190
Ion Ratio Lower Upper
180 100
182 95.5 76.8 115.2
145 31.4 26.0 39.0

