

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092623\
 Data File : VD077221.D
 Acq On : 26 Sep 2023 11:48
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 01:30:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 23:07:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	288272	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	288503	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	161296	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	154652	20.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.120%
7) Chloroethane-d5	2.805	69	157262	32.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.920%
11) 1,1-Dichloroethene-d2	3.917	65	47292	22.045	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.200%
21) 2-Butanone-d5	6.981	46	80194	58.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.100%
24) Chloroform-d	7.569	84	275123	25.310	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	8.228	65	137835	25.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.960%
32) Benzene-d6	8.199	84	525952	25.098	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	9.210	67	166711	25.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	10.269	98	477419	25.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.720%
43) trans-1,3-Dichloroprop...	10.528	79	67084	25.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.320%
47) 2-Hexanone-d5	10.875	63	64443	61.848	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	167296	28.426	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	166922	25.104	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	89580	19.109	ug/L	99
3) Chloromethane	2.146	50	141195	23.214	ug/L	100
5) Vinyl chloride	2.281	62	146901	20.280	ug/L	99
6) Bromomethane	2.693	94	109802	24.776	ug/L	98
8) Chloroethane	2.840	64	109943	30.948	ug/L	95
9) Trichlorofluoromethane	3.175	101	172940	23.091	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	116614	21.783	ug/L	98
12) 1,1-Dichloroethene	3.940	96	98566	22.065	ug/L	92
13) Acetone	4.022	43	74688	52.106	ug/L	96
14) Carbon disulfide	4.270	76	273266	23.458	ug/L	98
15) Methyl Acetate	4.564	43	57116	23.333	ug/L #	76
16) Methylene chloride	4.799	84	151345	21.082	ug/L	98
17) trans-1,2-Dichloroethene	5.305	96	112580	22.391	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	267090	22.536	ug/L #	93
19) 1,1-Dichloroethane	6.105	63	215808	22.773	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	136744	22.275	ug/L	98
22) 2-Butanone	7.081	43	89649	48.349	ug/L	99
23) Bromochloromethane	7.422	128	66857	23.001	ug/L	86
25) Chloroform	7.593	83	238802	22.773	ug/L	99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

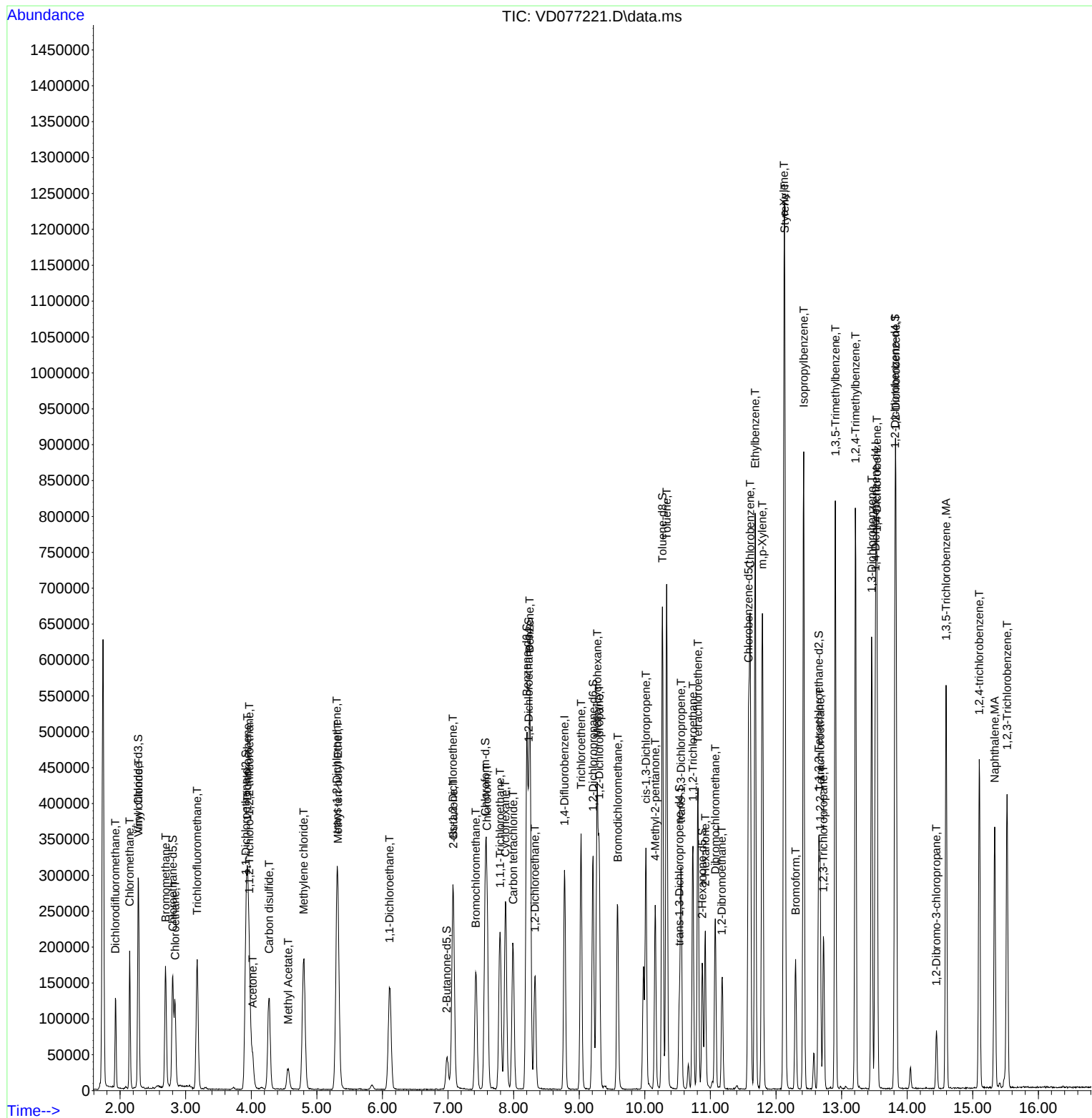
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	138958	22.398	ug/L	97
29) Cyclohexane	7.875	56	137754	23.471	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	191392	22.900	ug/L	99
31) Carbon tetrachloride	7.993	117	156715	23.201	ug/L	98
33) Benzene	8.246	78	503552	23.640	ug/L	100
34) Trichloroethene	9.028	95	121863	22.672	ug/L	98
35) Methylcyclohexane	9.275	83	174662	23.333	ug/L	98
37) 1,2-Dichloropropane	9.305	63	133972	22.926	ug/L #	93
38) Bromodichloromethane	9.587	83	183044	23.570	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	210585	23.721	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	160248	47.857	ug/L	99
42) Toluene	10.334	91	548941	23.888	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	179517	23.392	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	113892	22.887	ug/L	95
46) Tetrachloroethene	10.810	164	97125	23.037	ug/L	97
48) 2-Hexanone	10.922	43	127363	49.599	ug/L	97
49) Dibromochloromethane	11.075	129	129147	23.316	ug/L	99
50) 1,2-Dibromoethane	11.175	107	108324	23.259	ug/L	91
51) Chlorobenzene	11.604	112	354590	22.718	ug/L	98
52) Ethylbenzene	11.681	91	582773	23.392	ug/L	97
53) m,p-Xylene	11.793	106	227924	23.988	ug/L	97
54) o-Xylene	12.122	106	220455	23.795	ug/L	99
55) Styrene	12.134	104	410636	24.378	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	140027	23.537	ug/L	98
59) Bromoform	12.299	173	82556	22.734	ug/L	98
60) Isopropylbenzene	12.422	105	576300	22.867	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	90463	22.146	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	440642	22.868	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	443680	23.189	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	272184	22.191	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	279540	21.809	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	253736	22.456	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	18954	21.686	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.592	180	180021	22.326	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	155957	22.565	ug/L	97
71) Naphthalene	15.334	128	319607	22.340	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	143272	22.189	ug/L	98

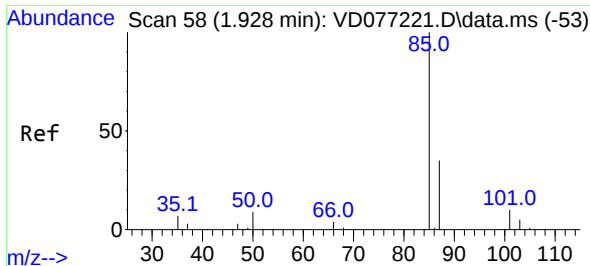
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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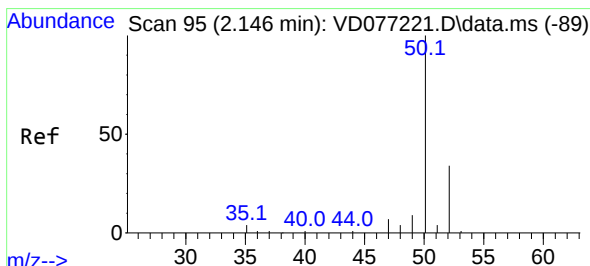
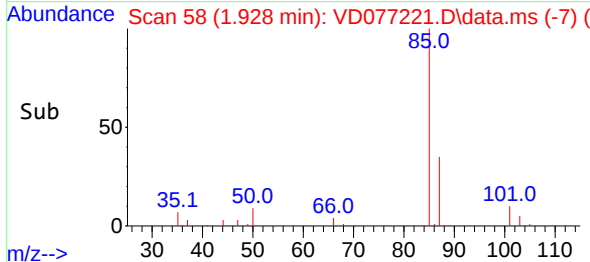
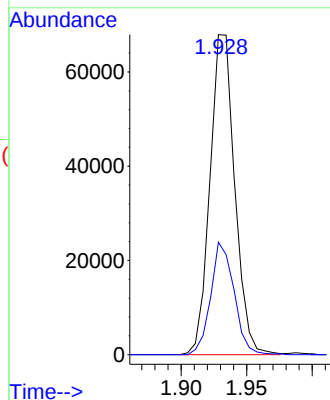
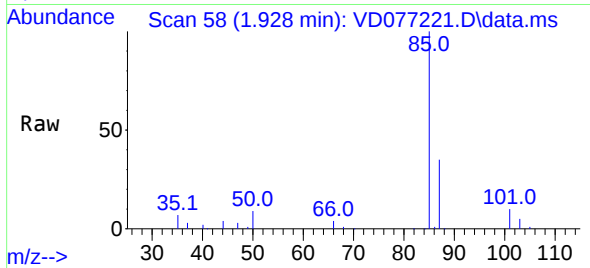




#2
 Dichlorodifluoromethane
 Concen: 19.109 ug/L
 RT: 1.928 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VD077221.D
 Acq: 26 Sep 2023 11:48

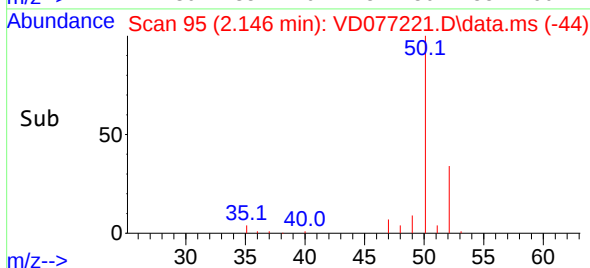
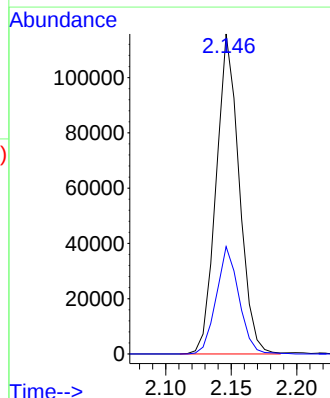
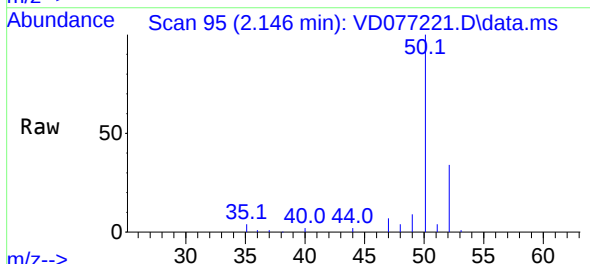
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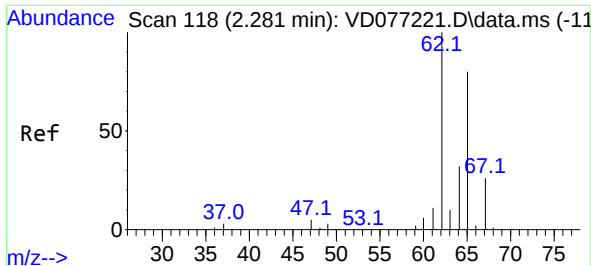
Tgt Ion: 85 Resp: 89580
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.9 38.9



#3
 Chloromethane
 Concen: 23.214 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD077221.D
 Acq: 26 Sep 2023 11:48

Tgt Ion: 50 Resp: 141195
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.6 43.8

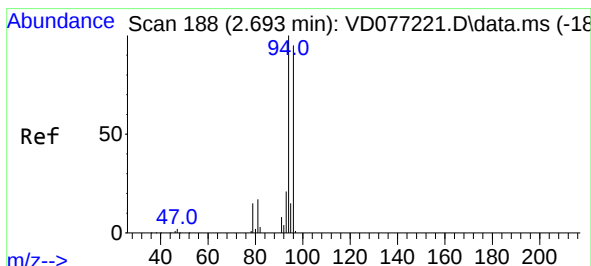
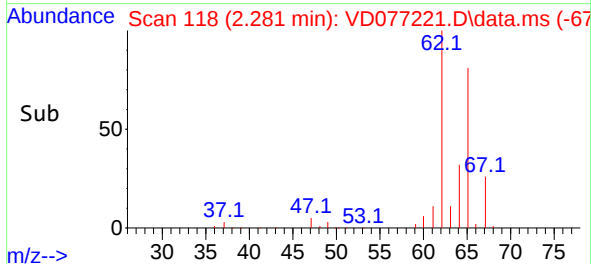
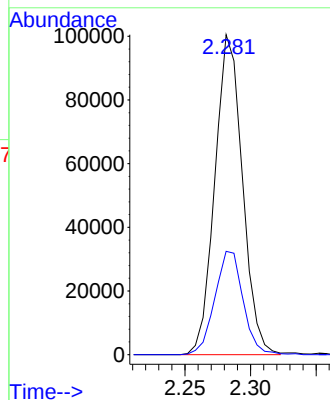
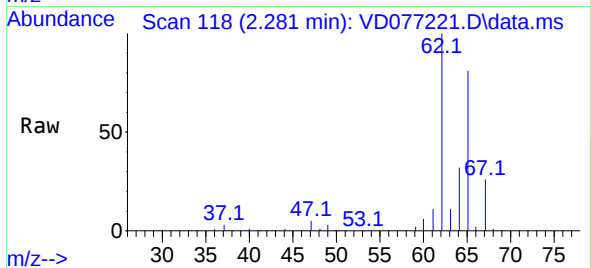




#5
 Vinyl chloride
 Concen: 20.280 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD077221.D
 Acq: 26 Sep 2023 11:48

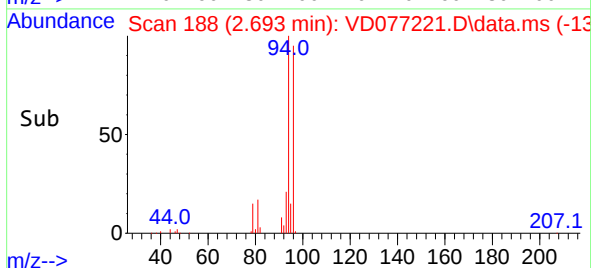
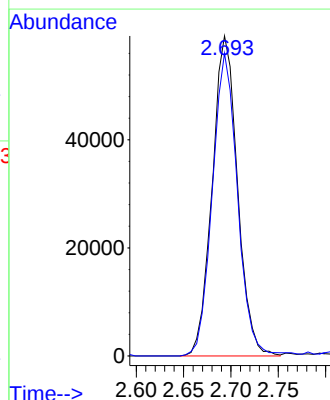
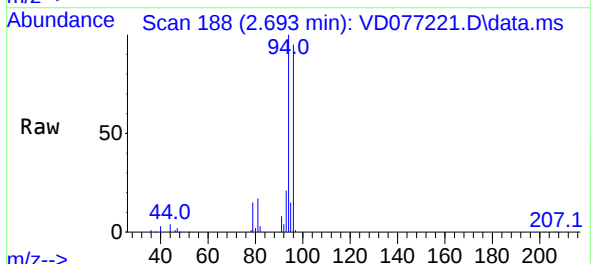
Instrument :
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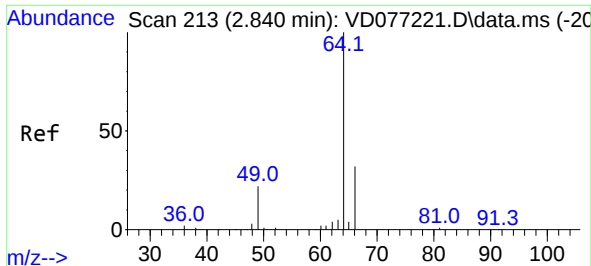
Tgt Ion: 62 Resp: 146901
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.0 42.8



#6
 Bromomethane
 Concen: 24.776 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD077221.D
 Acq: 26 Sep 2023 11:48

Tgt Ion: 94 Resp: 109802
 Ion Ratio Lower Upper
 94 100
 96 94.6 67.8 125.8

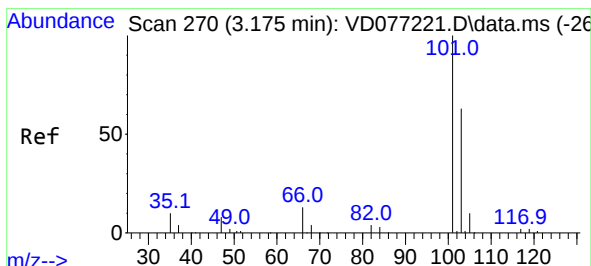
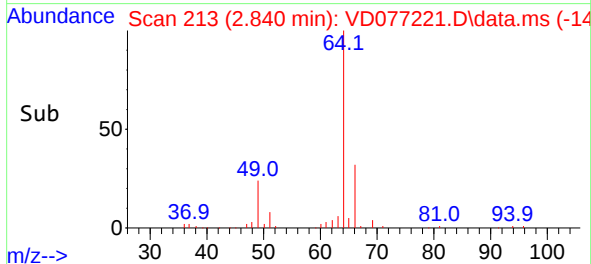
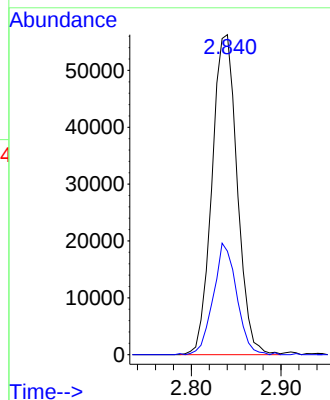
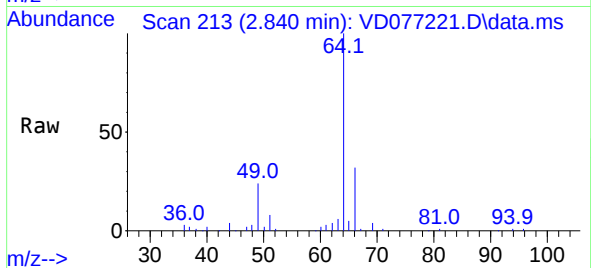




#8
Chloroethane
Concen: 30.948 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

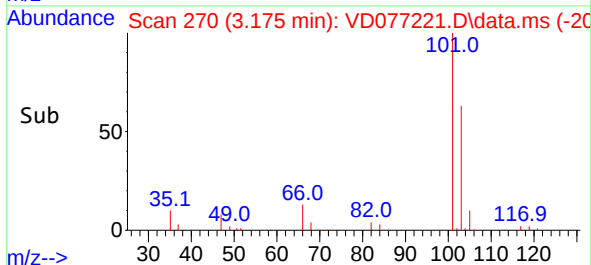
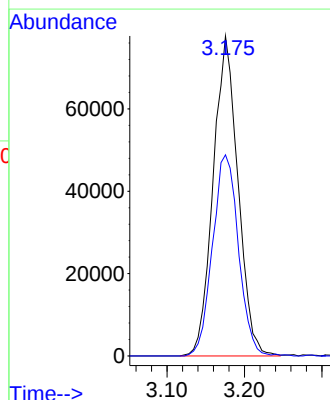
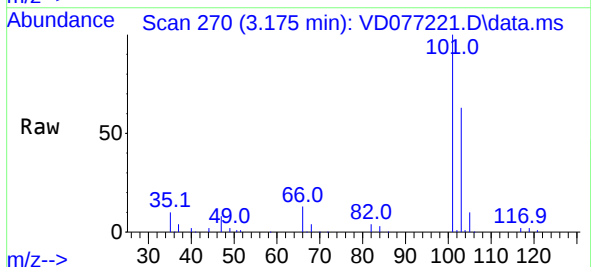
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MSVOA_D
ClientSampleId :

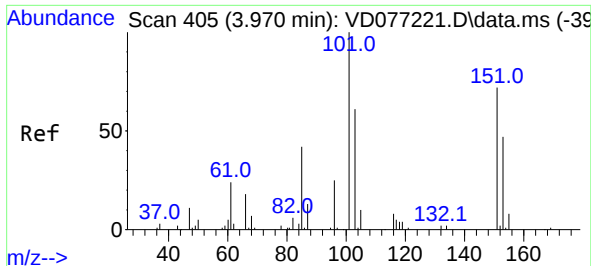
Tgt Ion: 64 Resp: 109943
Ion Ratio Lower Upper
64 100
66 32.4 20.8 38.6



#9
Trichlorofluoromethane
Concen: 23.091 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion:101 Resp: 172940
Ion Ratio Lower Upper
101 100
103 65.6 52.9 79.3

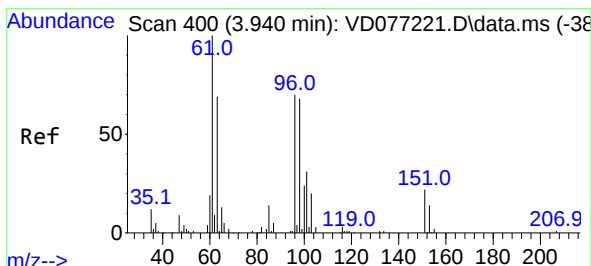
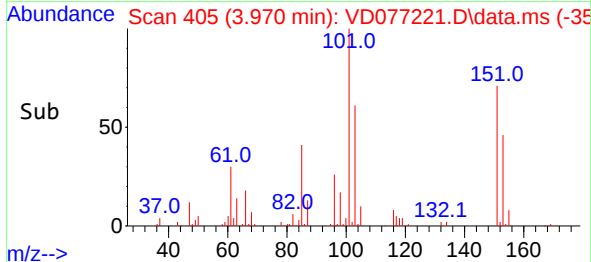
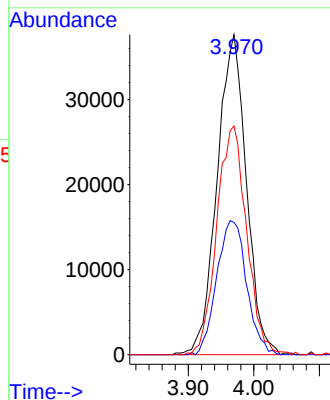
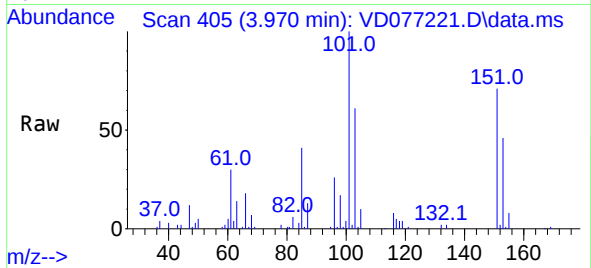




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.783 ug/L
 RT: 3.970 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD077221.D
 Acq: 26 Sep 2023 11:48

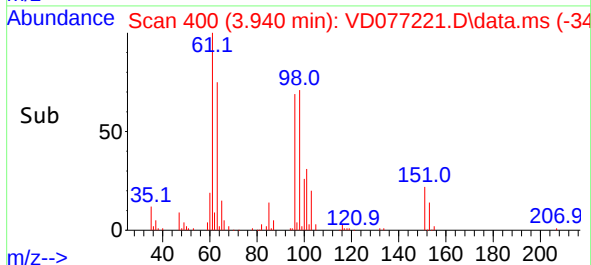
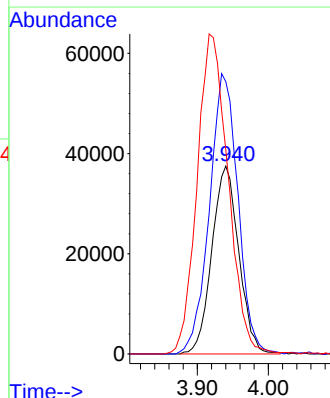
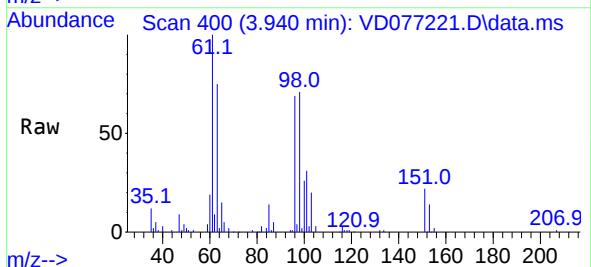
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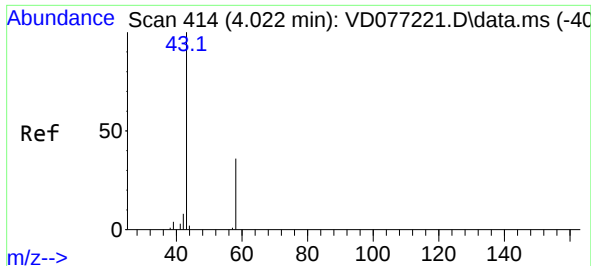
Tgt Ion:101 Resp: 116614
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.3 52.9
 151 72.9 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 22.065 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD077221.D
 Acq: 26 Sep 2023 11:48

Tgt Ion: 96 Resp: 98566
 Ion Ratio Lower Upper
 96 100
 61 144.9 102.1 189.5
 63 108.6 63.3 117.5

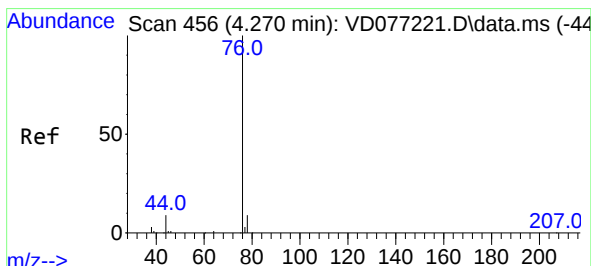
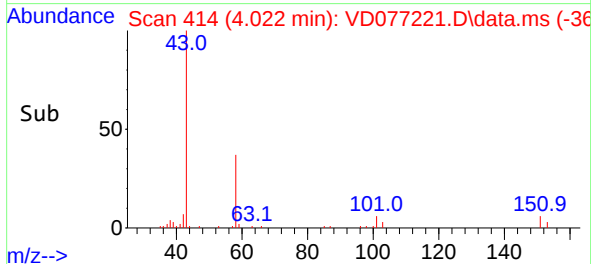
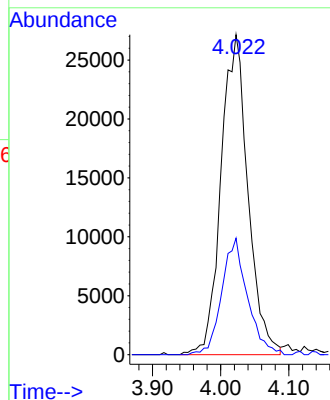
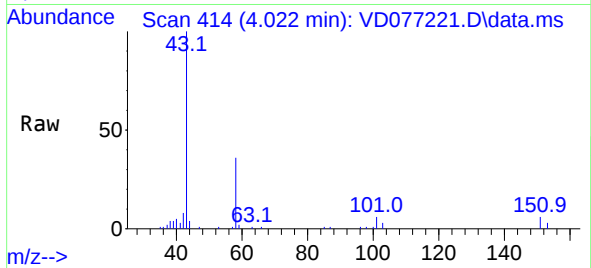




#13
Acetone
Concen: 52.106 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

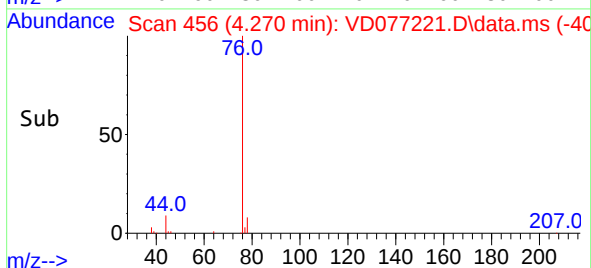
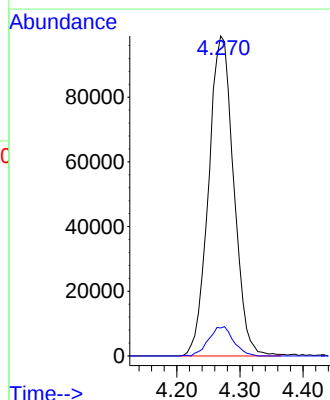
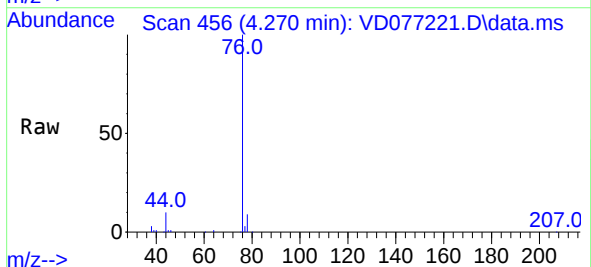
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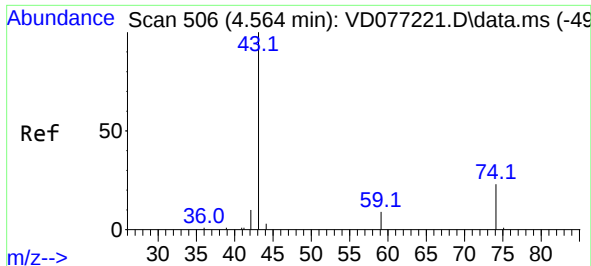
Tgt Ion: 43 Resp: 74688
Ion Ratio Lower Upper
43 100
58 34.4 0.0 74.0



#14
Carbon disulfide
Concen: 23.458 ug/L
RT: 4.270 min Scan# 456
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 273266
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

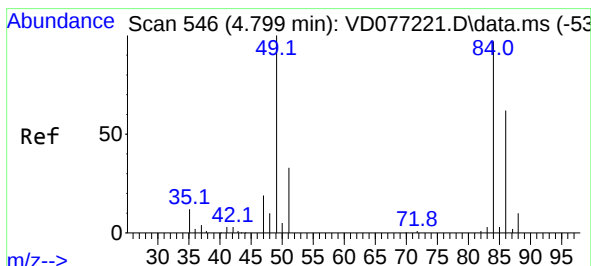
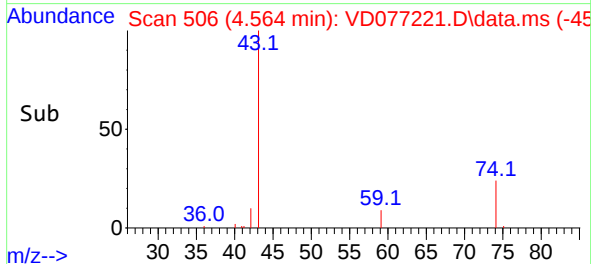
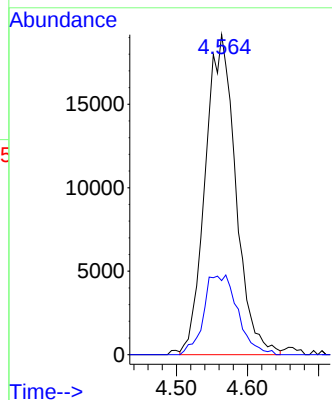
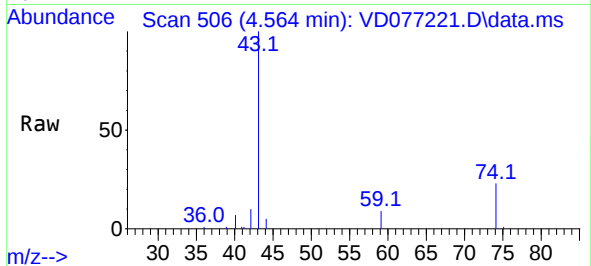




#15
Methyl Acetate
Concen: 23.333 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

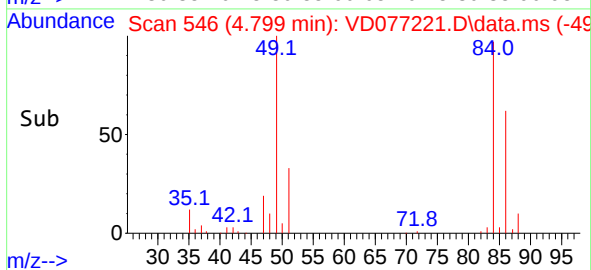
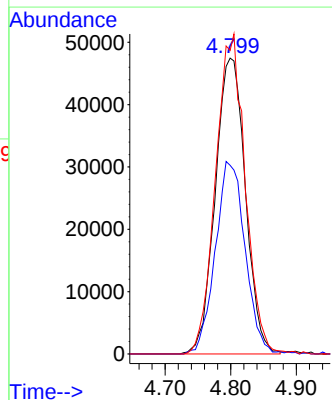
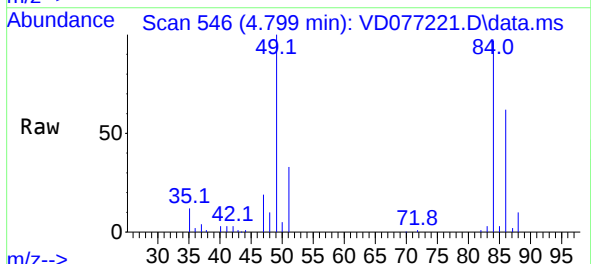
Instrument :
MSVOA_D
ClientSampleId :

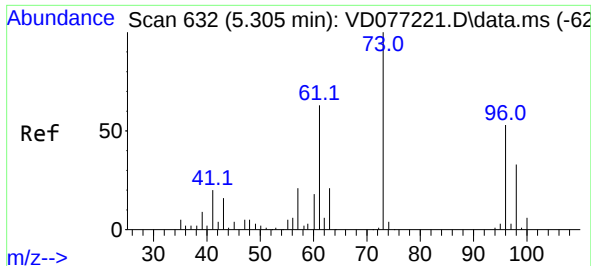
Tgt Ion: 43 Resp: 57116
Ion Ratio Lower Upper
43 100
74 15.6 22.5 33.7#



#16
Methylene chloride
Concen: 21.082 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

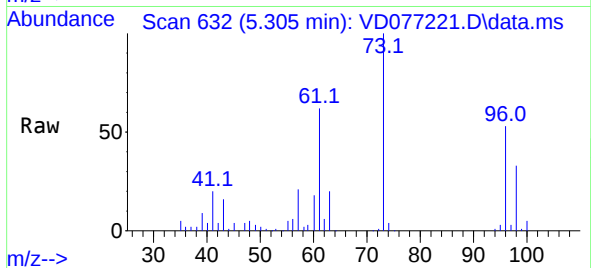
Tgt Ion: 84 Resp: 151345
Ion Ratio Lower Upper
84 100
86 63.8 45.2 84.0
49 102.6 73.4 136.4



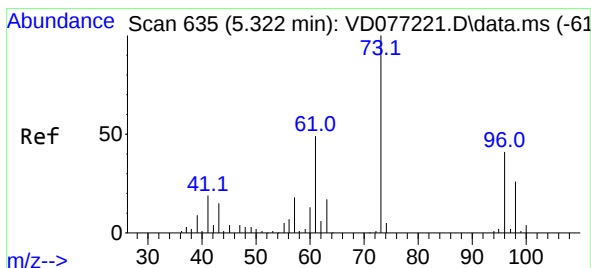
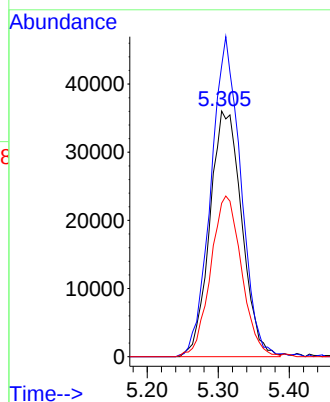
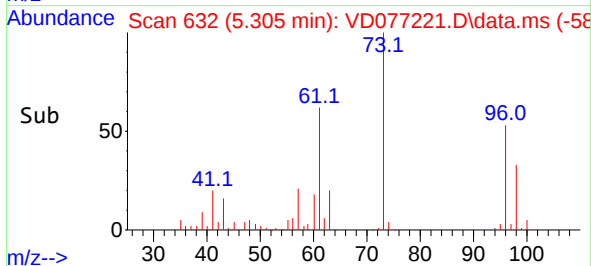


#17
trans-1,2-Dichloroethene
Concen: 22.391 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

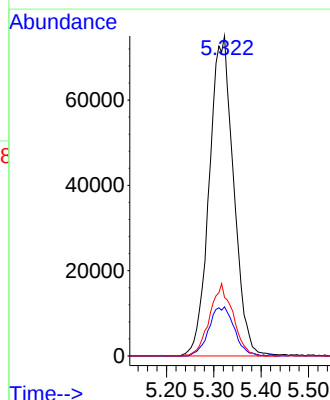
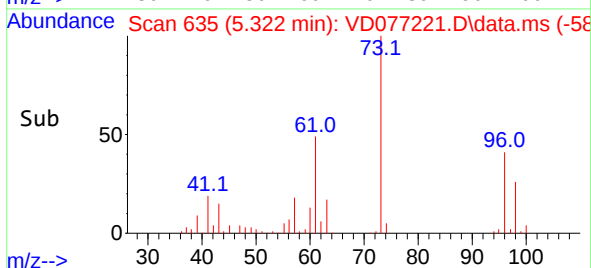
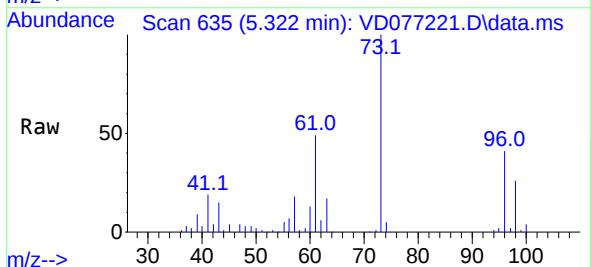


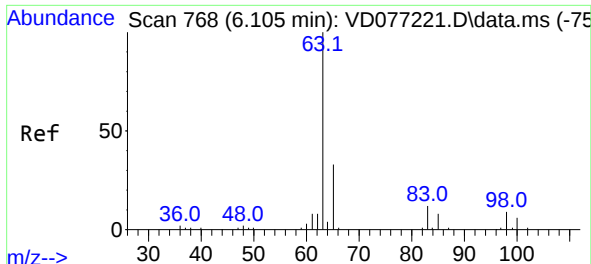
Tgt Ion: 96 Resp: 112580
Ion Ratio Lower Upper
96 100
61 118.4 84.1 156.3
98 62.5 42.0 78.0



#18
Methyl tert-butyl Ether
Concen: 22.536 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion: 73 Resp: 267090
Ion Ratio Lower Upper
73 100
43 8.7 12.7 19.1#
57 21.6 17.2 25.8

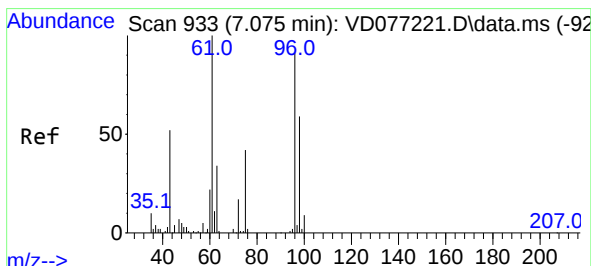
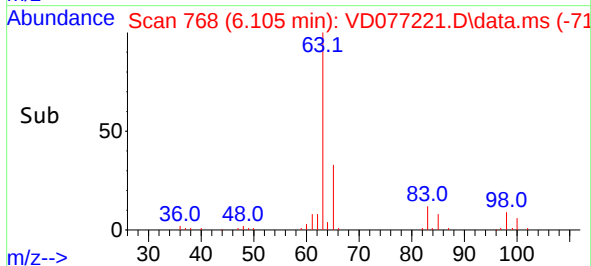
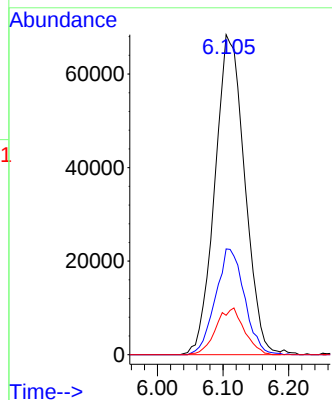
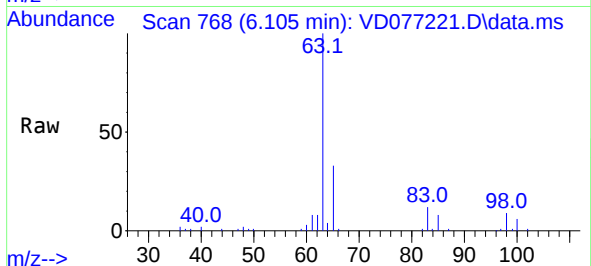




#19
1,1-Dichloroethane
Concen: 22.773 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

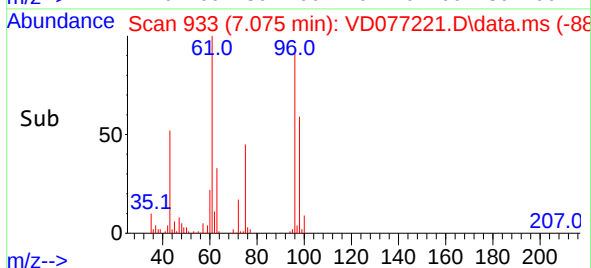
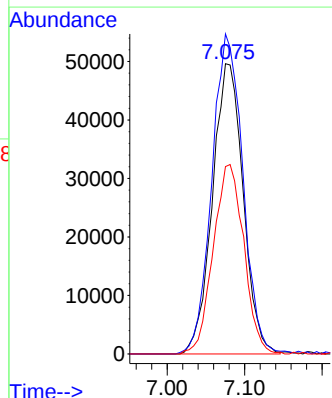
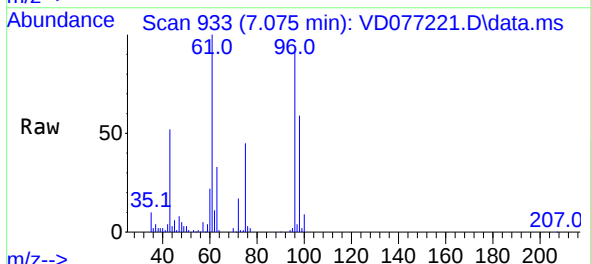
Instrument :
MSVOA_D
ClientSampleId :

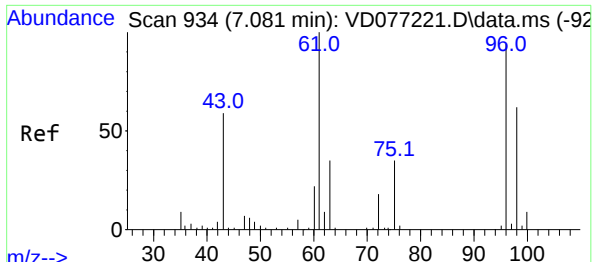
Tgt Ion: 63 Resp: 215808
Ion Ratio Lower Upper
63 100
65 33.1 21.9 40.7
83 12.3 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 22.275 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion: 96 Resp: 136744
Ion Ratio Lower Upper
96 100
61 110.2 74.8 139.0
98 64.5 45.1 83.7

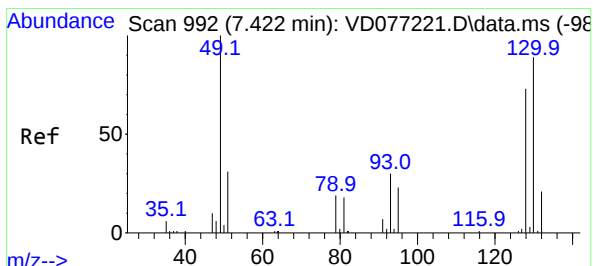
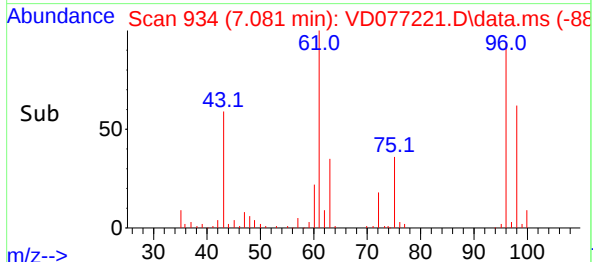
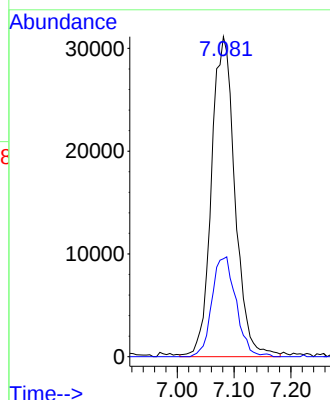
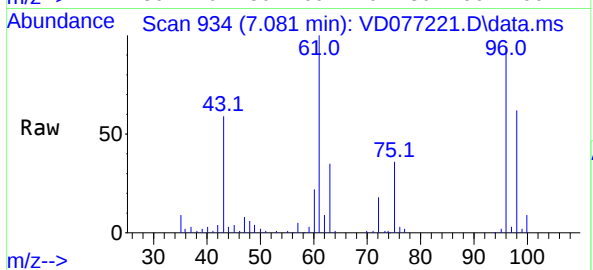




#22
2-Butanone
Concen: 48.349 ug/L
RT: 7.081 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

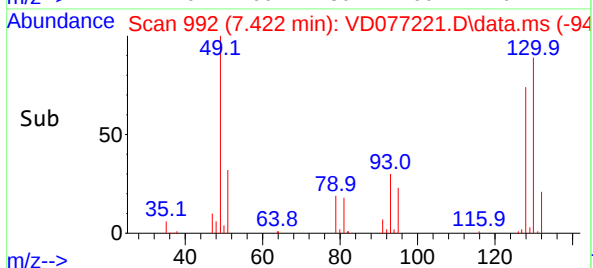
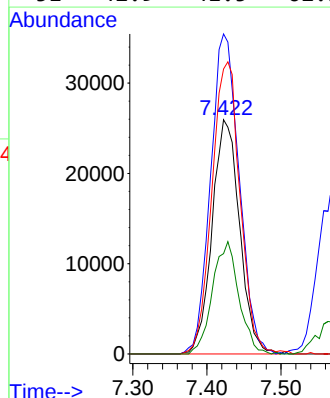
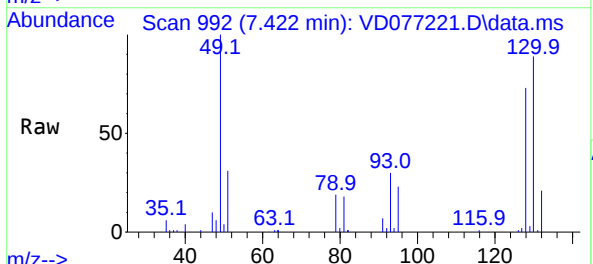
Instrument :
MSVOA_D
ClientSampleId :

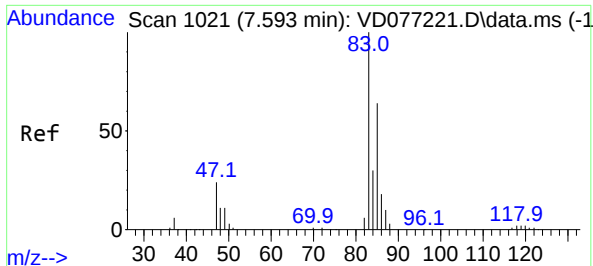
Tgt Ion: 43 Resp: 89649
Ion Ratio Lower Upper
43 100
72 31.6 15.4 46.4



#23
Bromochloromethane
Concen: 23.001 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion:128 Resp: 66857
Ion Ratio Lower Upper
128 100
49 136.6 109.4 203.2
130 121.6 97.1 180.3
51 42.9 41.5 62.3





#25

Chloroform

Concen: 22.773 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077221.D

Acq: 26 Sep 2023 11:48

Instrument :

MSVOA_D

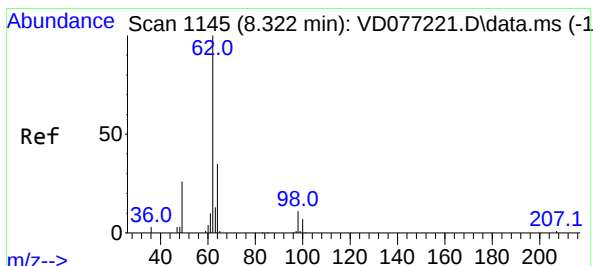
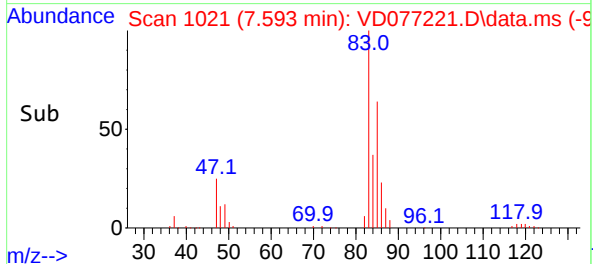
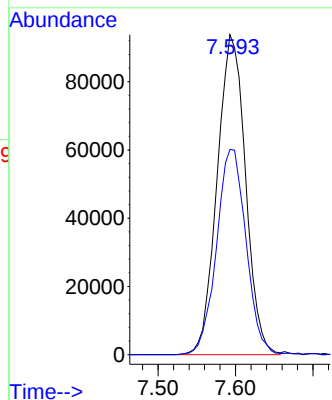
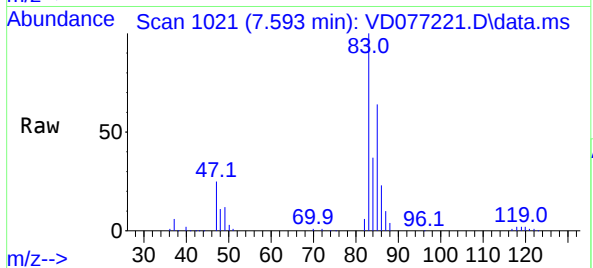
ClientSampleId :

Tgt Ion: 83 Resp: 238802

Ion Ratio Lower Upper

83 100

85 64.2 44.4 82.5



#27

1,2-Dichloroethane

Concen: 22.398 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD077221.D

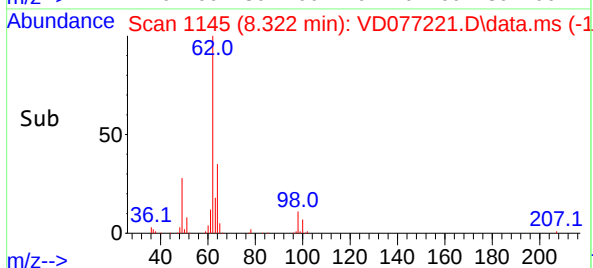
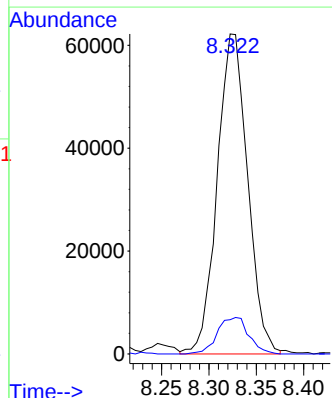
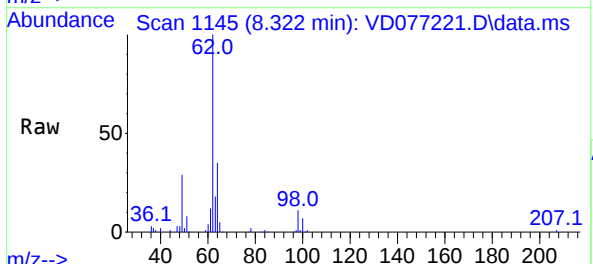
Acq: 26 Sep 2023 11:48

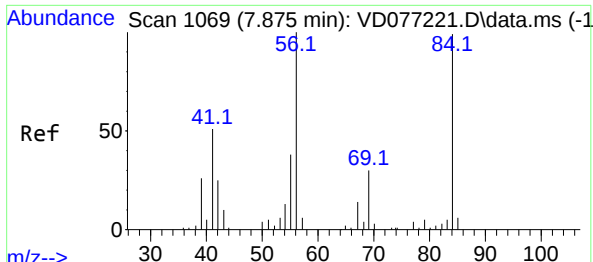
Tgt Ion: 62 Resp: 138958

Ion Ratio Lower Upper

62 100

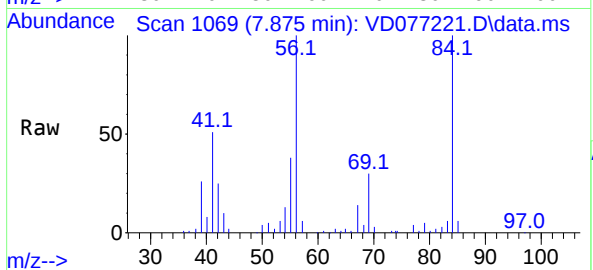
98 10.7 9.4 14.0



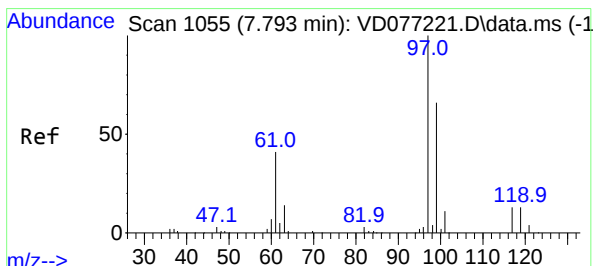
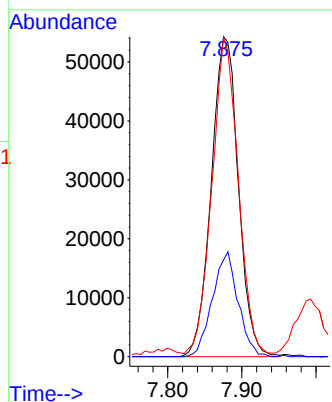
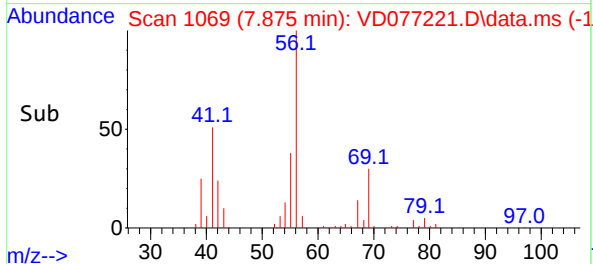


#29
Cyclohexane
Concen: 23.471 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

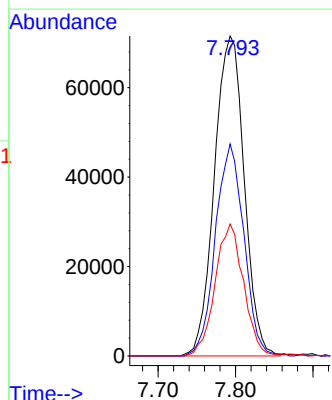
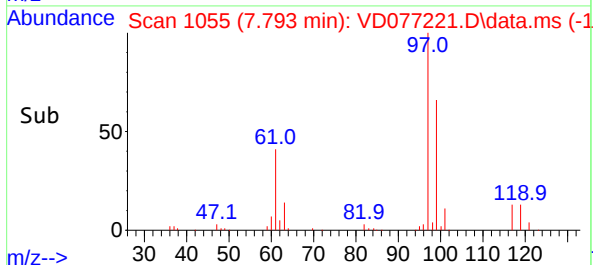
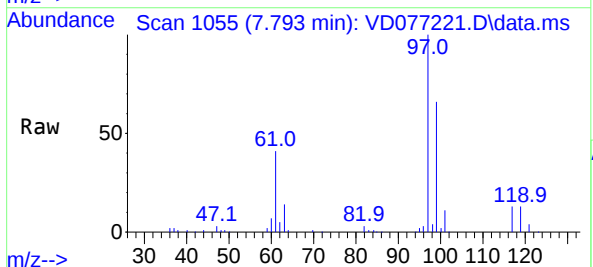


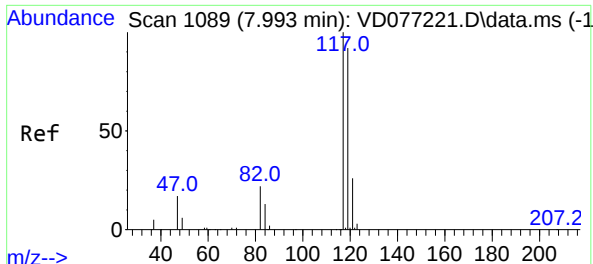
Tgt Ion: 56 Resp: 137754
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.0
84 97.2 80.6 120.8



#30
1,1,1-Trichloroethane
Concen: 22.900 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion: 97 Resp: 191392
Ion Ratio Lower Upper
97 100
99 63.2 51.6 77.4
61 39.3 31.6 47.4

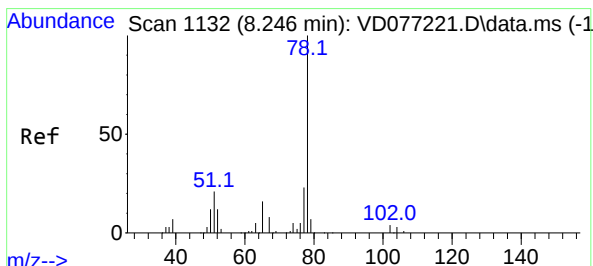
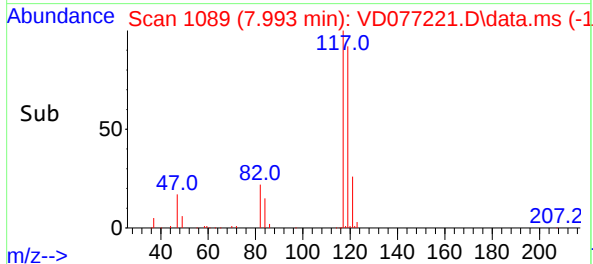
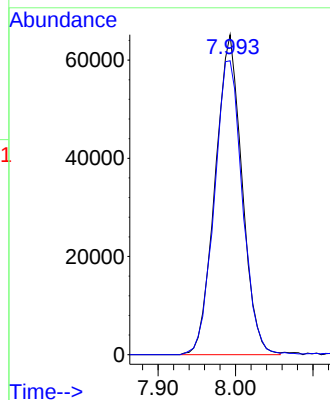
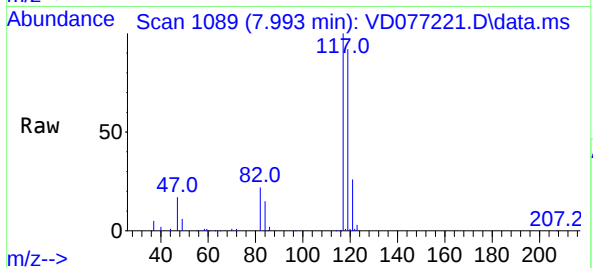




#31
Carbon tetrachloride
Concen: 23.201 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

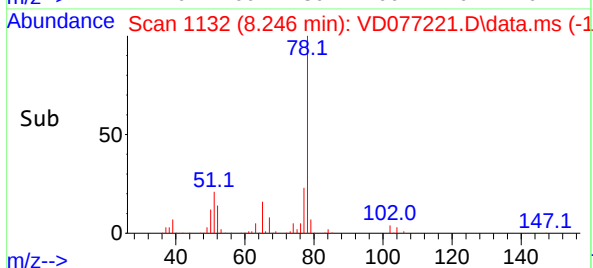
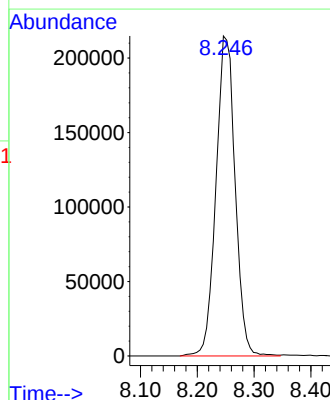
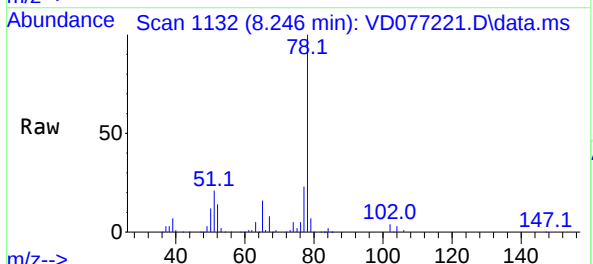
Instrument :
MSVOA_D
ClientSampleId :

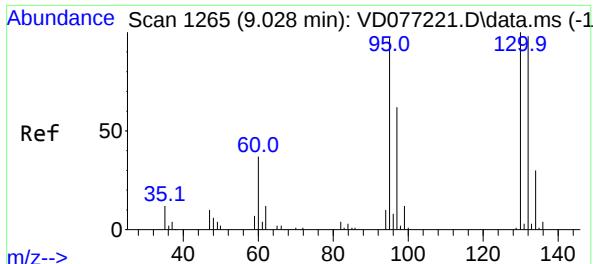
Tgt Ion:117 Resp: 156715
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.0



#33
Benzene
Concen: 23.640 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

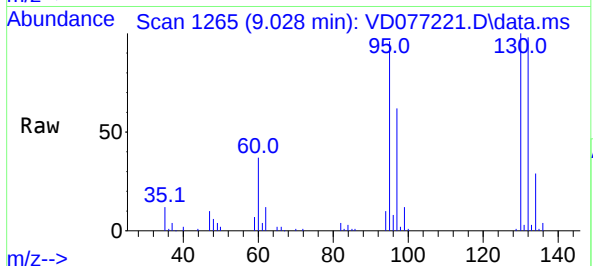
Tgt Ion: 78 Resp: 503552



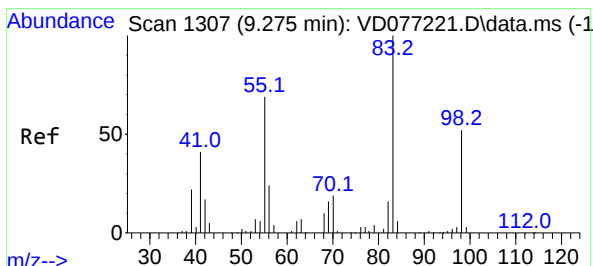
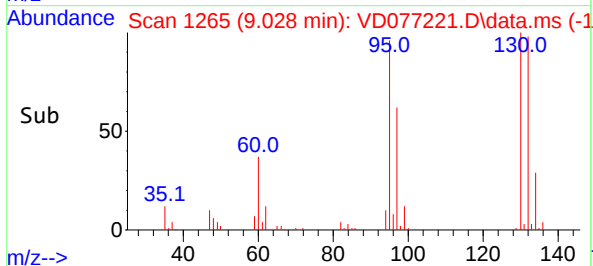
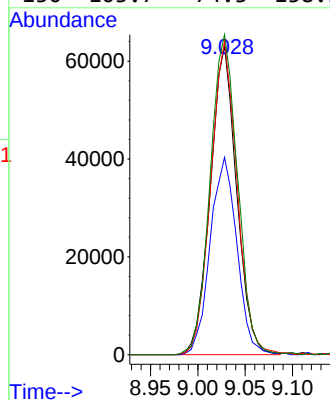


#34
Trichloroethene
Concen: 22.672 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

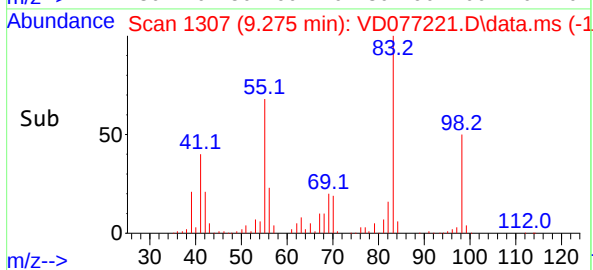
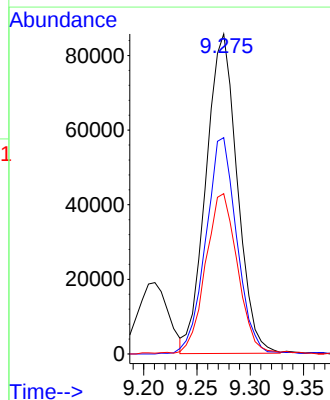
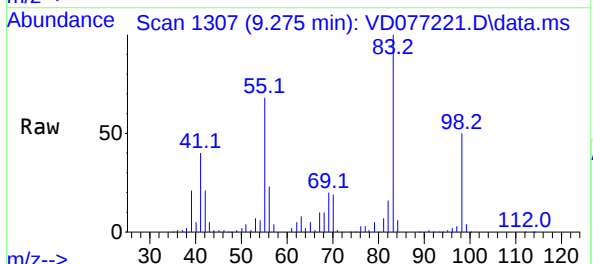


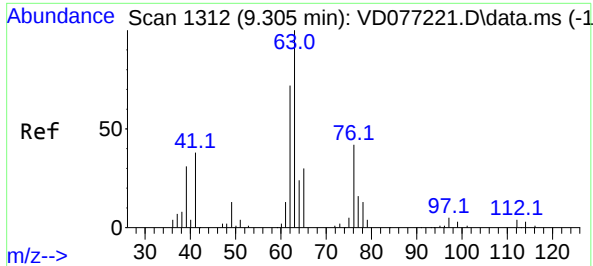
Tgt Ion: 95 Resp: 121863
Ion Ratio Lower Upper
95 100
97 63.9 46.5 86.5
132 101.6 71.8 133.4
130 103.7 74.3 138.1



#35
Methylcyclohexane
Concen: 23.333 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion: 83 Resp: 174662
Ion Ratio Lower Upper
83 100
55 67.0 53.0 79.4
98 51.7 39.4 59.0

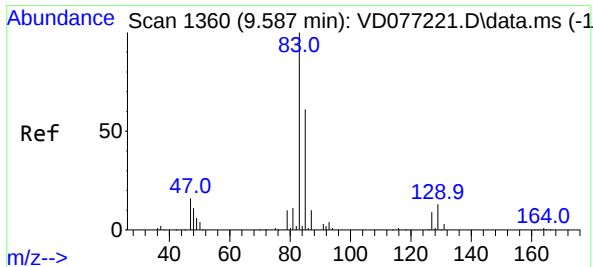
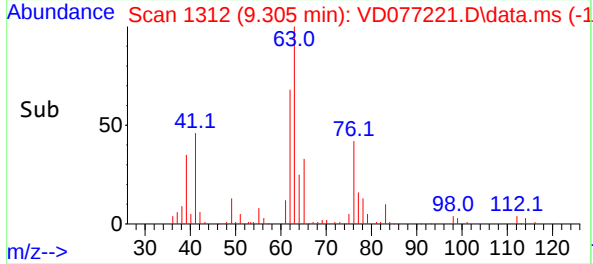
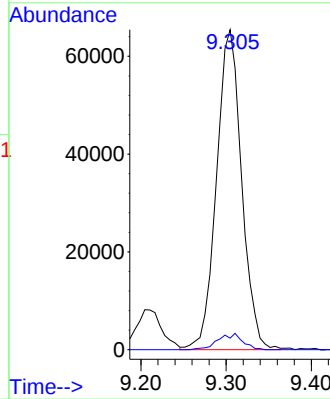
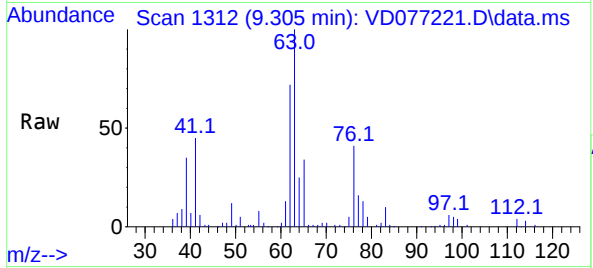




#37
1,2-Dichloropropane
Concen: 22.926 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

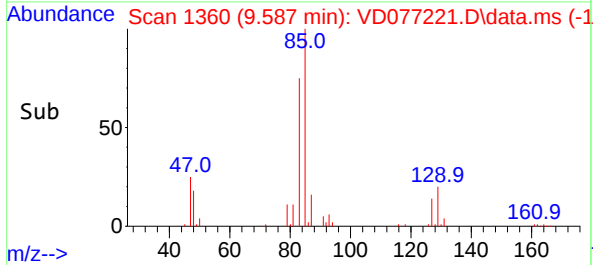
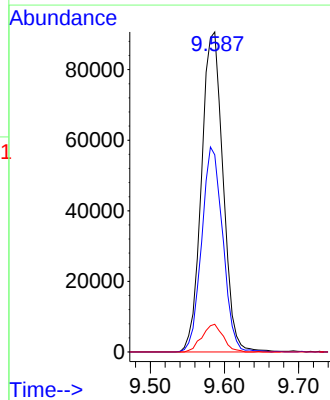
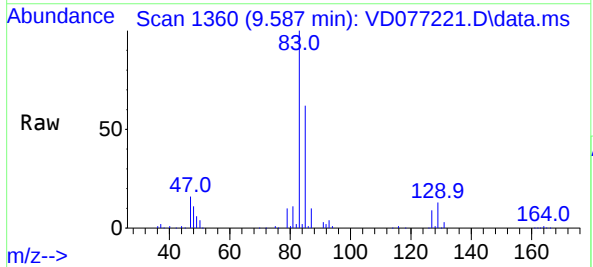
Instrument :
MSVOA_D
ClientSampleId :

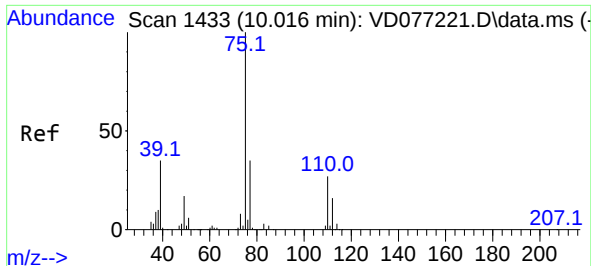
Tgt Ion: 63 Resp: 133972
Ion Ratio Lower Upper
63 100
112 2.1 3.4 5.2#



#38
Bromodichloromethane
Concen: 23.570 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

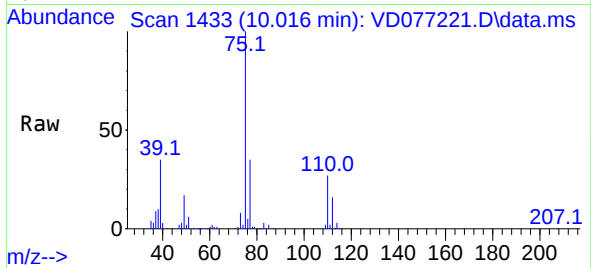
Tgt Ion: 83 Resp: 183044
Ion Ratio Lower Upper
83 100
85 61.6 44.2 82.2
127 8.7 7.1 10.7



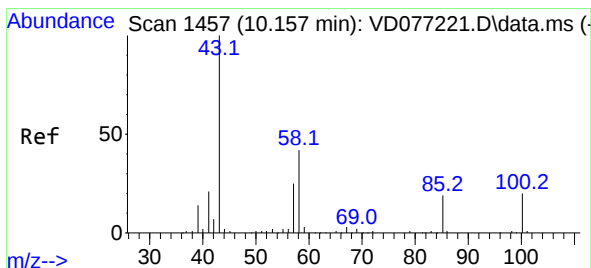
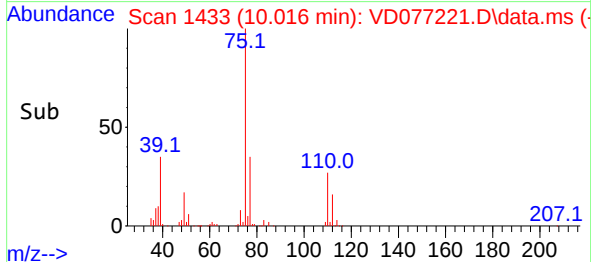
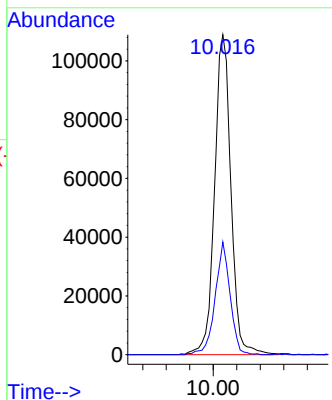


#39
cis-1,3-Dichloropropene
Concen: 23.721 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

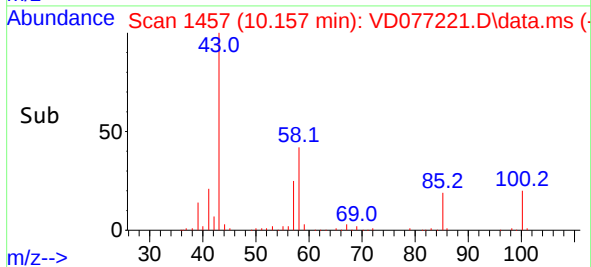
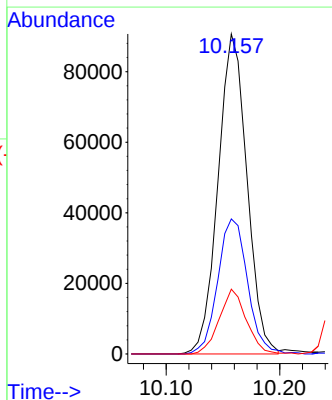
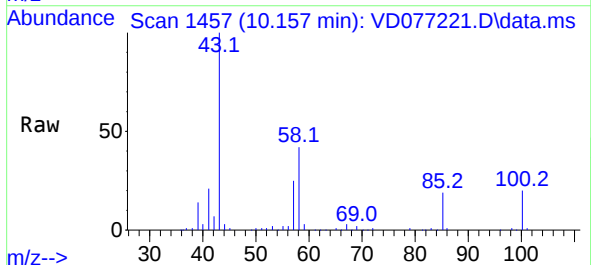


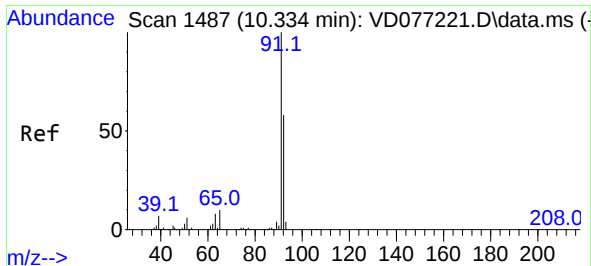
Tgt Ion: 75 Resp: 210585
Ion Ratio Lower Upper
75 100
77 35.2 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 47.857 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion: 43 Resp: 160248
Ion Ratio Lower Upper
43 100
58 43.4 33.9 50.9
100 19.0 14.9 22.3

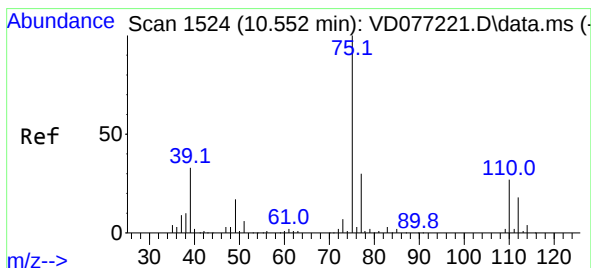
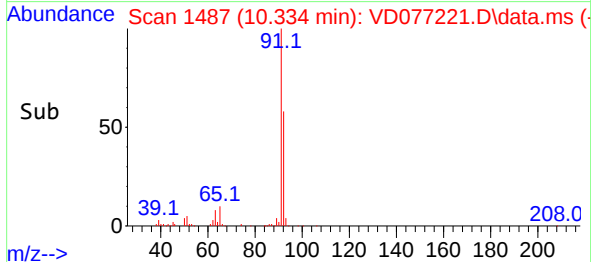
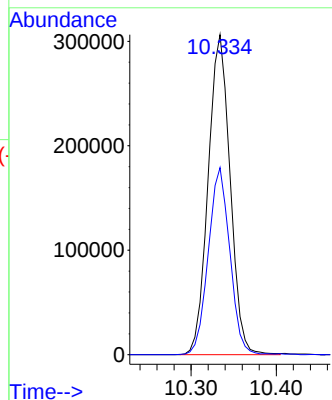
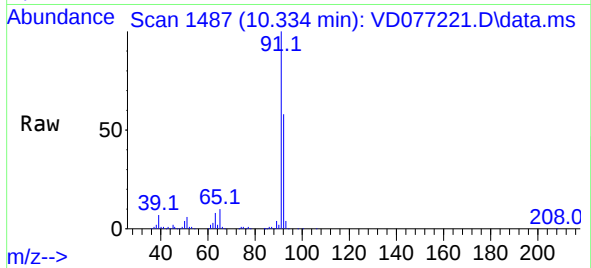




#42
Toluene
Concen: 23.888 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

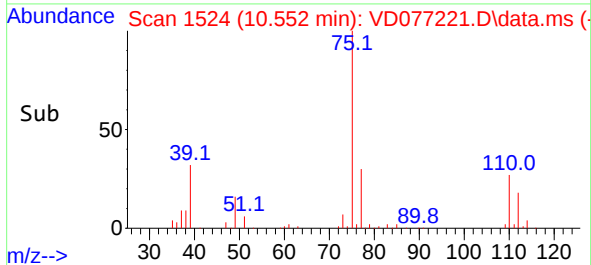
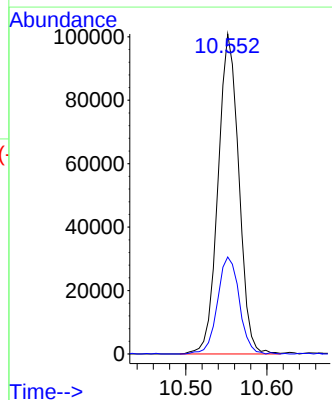
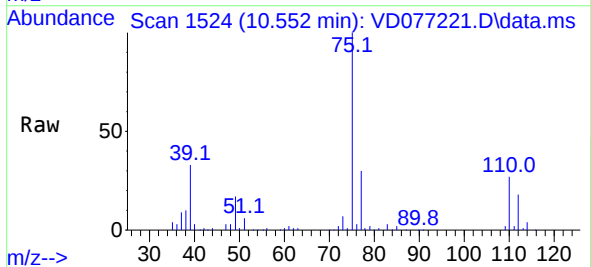
Instrument :
MSVOA_D
ClientSampleId :

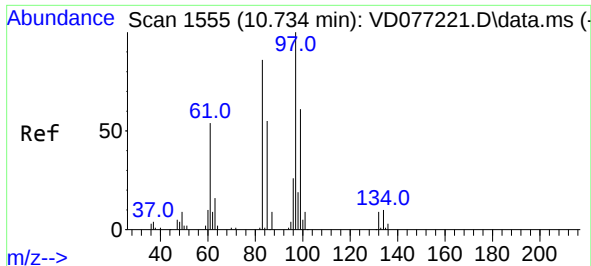
Tgt Ion: 91 Resp: 548941
Ion Ratio Lower Upper
91 100
92 58.4 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 23.392 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion: 75 Resp: 179517
Ion Ratio Lower Upper
75 100
77 30.3 22.1 41.1

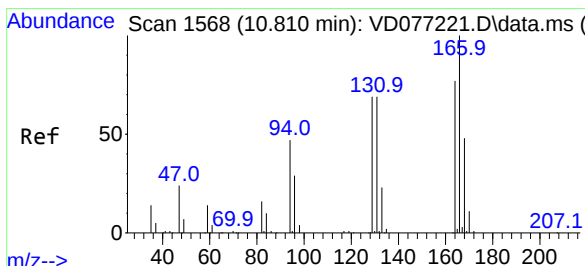
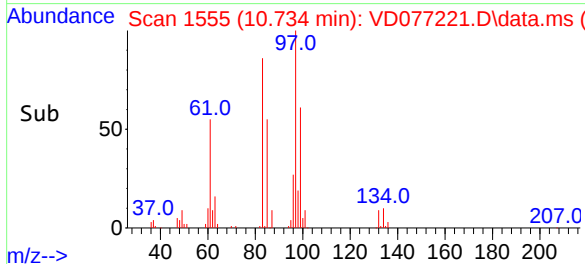
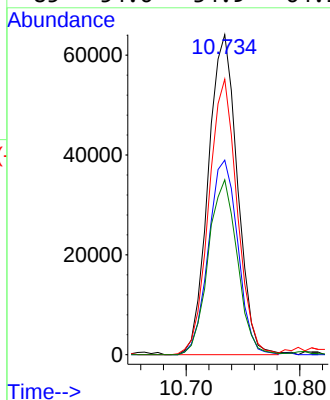
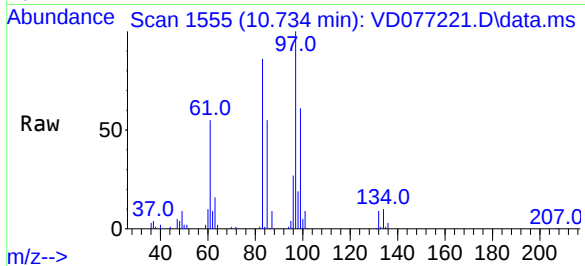




#45
1,1,2-Trichloroethane
Concen: 22.887 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

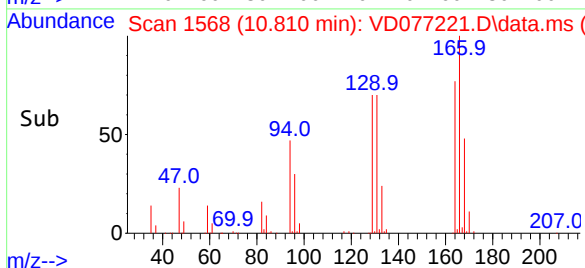
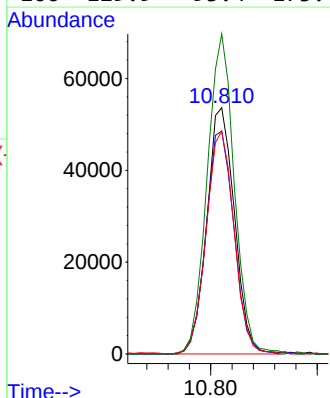
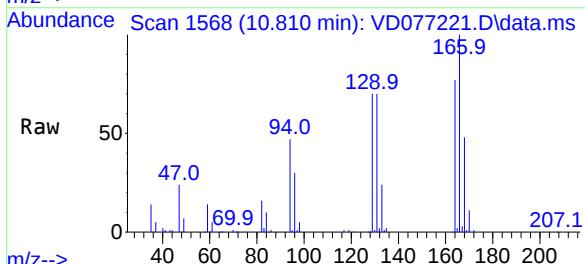
Instrument :
MSVOA_D
ClientSampleId :

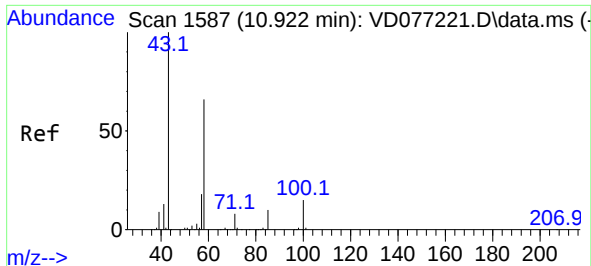
Tgt Ion:	97	Resp:	113892
Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.2	82.0
83	86.1	56.4	104.7
85	54.6	34.9	64.9



#46
Tetrachloroethene
Concen: 23.037 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion:	164	Resp:	97125
Ion	Ratio	Lower	Upper
164	100		
129	90.5	66.1	122.8
131	90.4	63.5	117.9
166	129.9	93.4	173.4



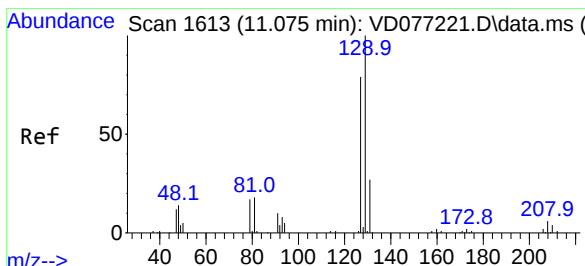
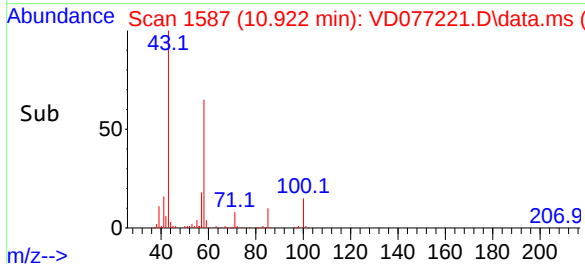
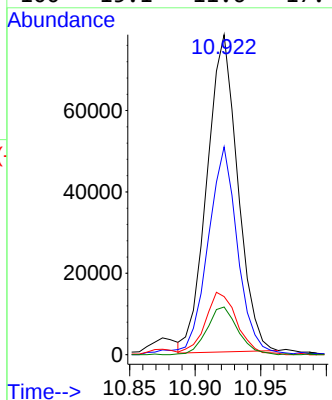
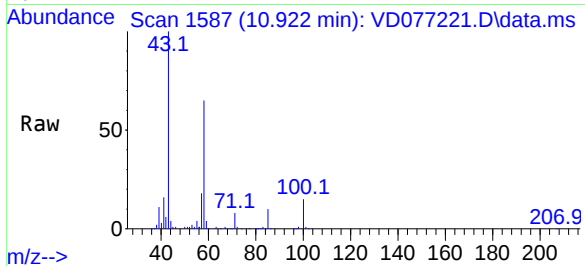


#48
2-Hexanone
Concen: 49.599 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 127363

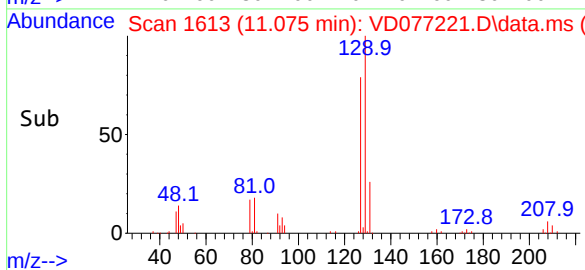
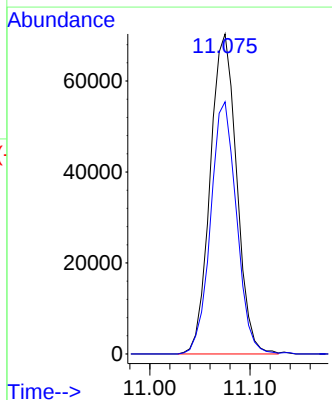
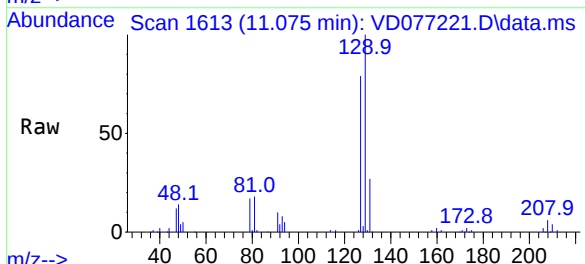
Ion	Ratio	Lower	Upper
43	100		
58	63.2	47.8	71.8
57	19.2	15.6	23.4
100	15.1	11.6	17.4

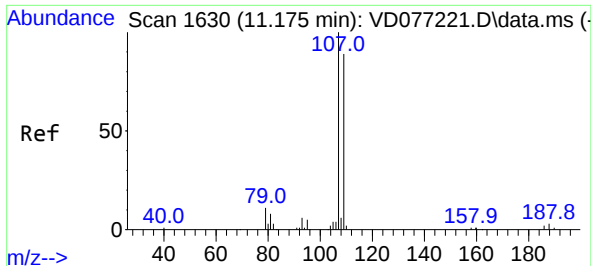


#49
Dibromochloromethane
Concen: 23.316 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion: 129 Resp: 129147

Ion	Ratio	Lower	Upper
129	100		
127	78.8	54.5	101.1

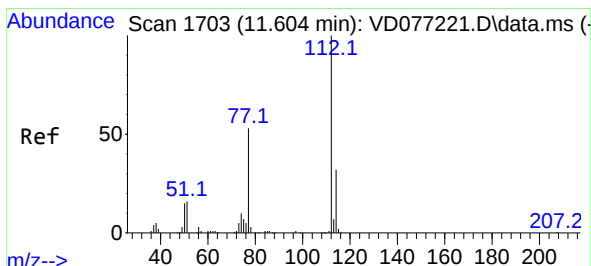
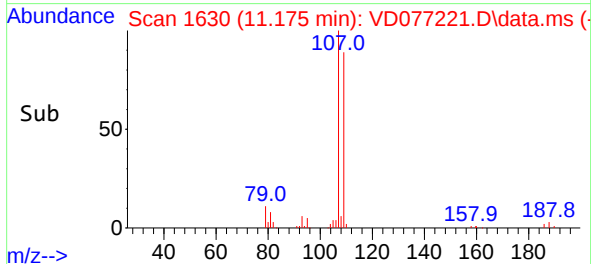
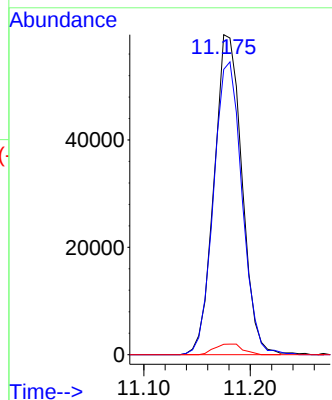
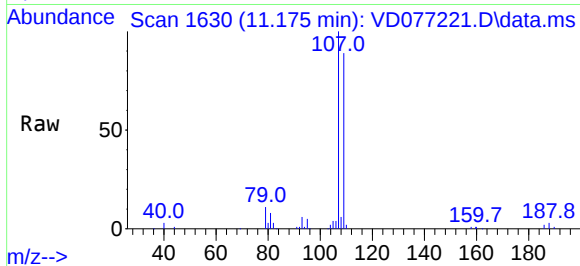




#50
1,2-Dibromoethane
Concen: 23.259 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

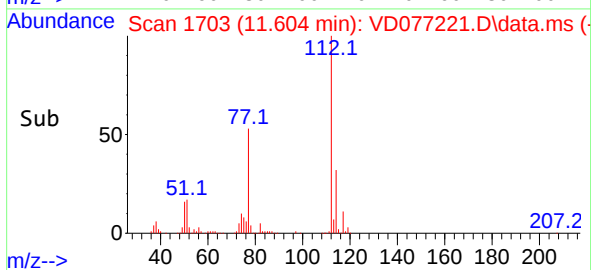
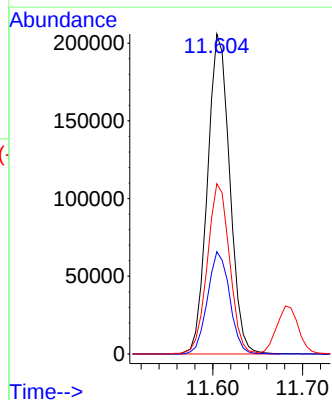
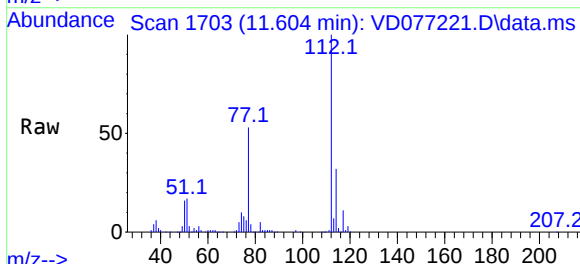
Instrument :
MSVOA_D
ClientSampleId :

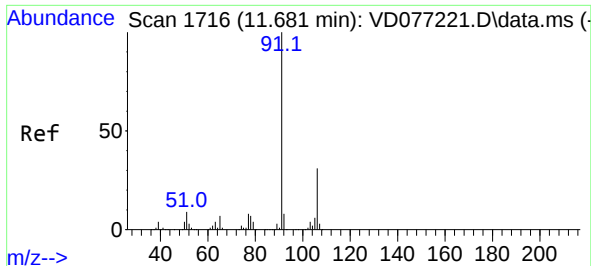
Tgt Ion:107 Resp: 108324
Ion Ratio Lower Upper
107 100
109 89.1 68.8 127.8
188 3.3 3.0 4.6



#51
Chlorobenzene
Concen: 22.718 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion:112 Resp: 354590
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.1
77 53.2 40.8 61.2

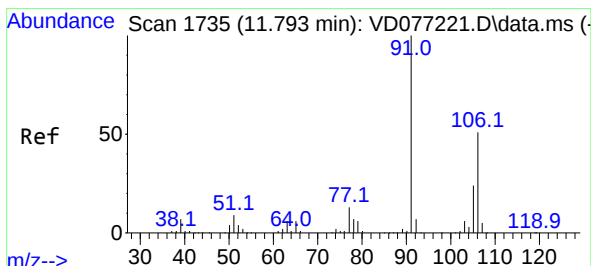
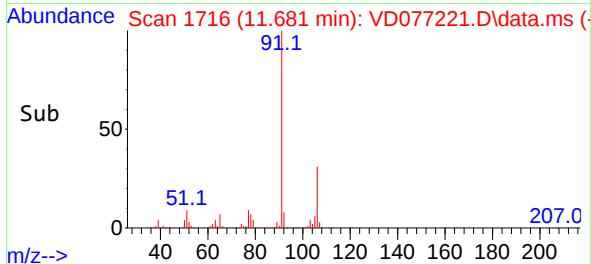
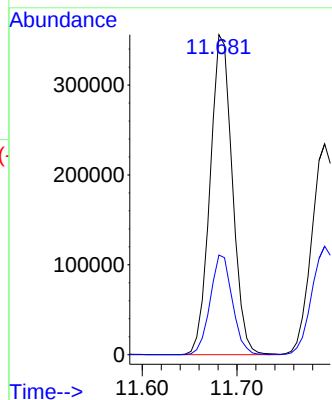
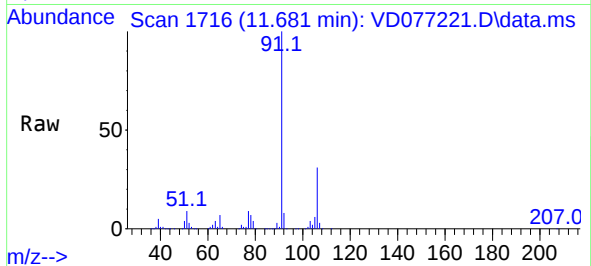




#52
Ethylbenzene
Concen: 23.392 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

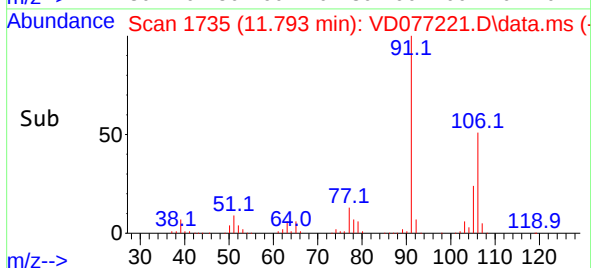
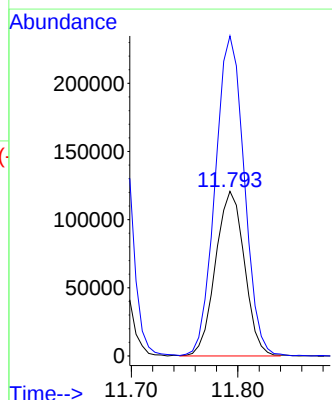
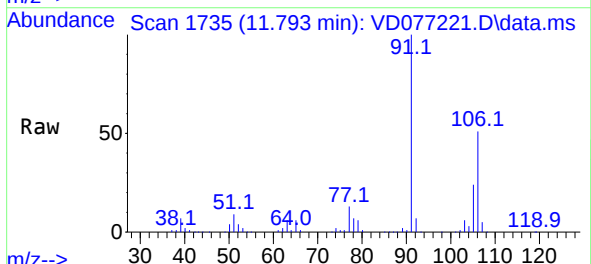
Instrument :
MSVOA_D
ClientSampleId :

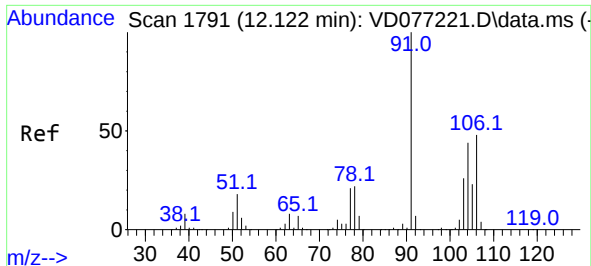
Tgt Ion: 91 Resp: 582773
Ion Ratio Lower Upper
91 100
106 31.2 23.2 43.0



#53
m,p-Xylene
Concen: 23.988 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion: 106 Resp: 227924
Ion Ratio Lower Upper
106 100
91 194.4 132.8 246.6

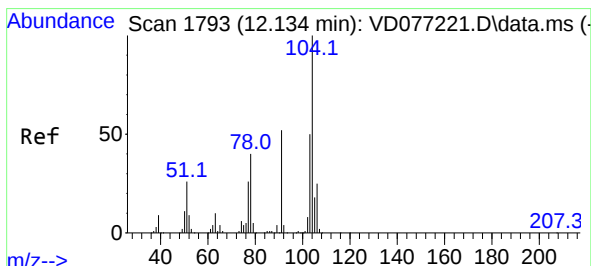
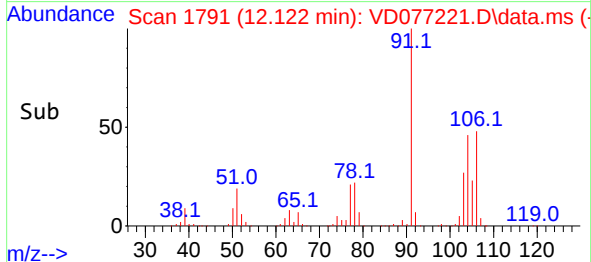
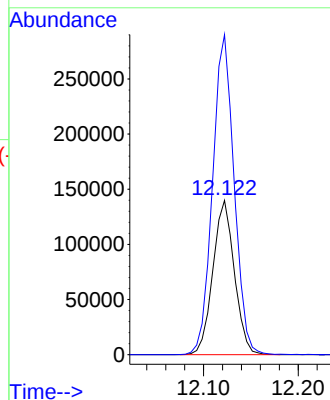
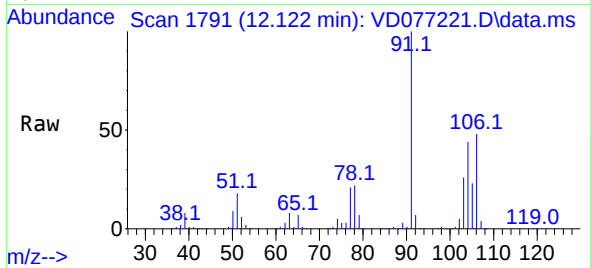




#54
o-Xylene
Concen: 23.795 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

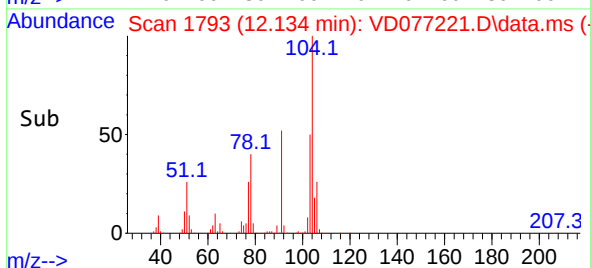
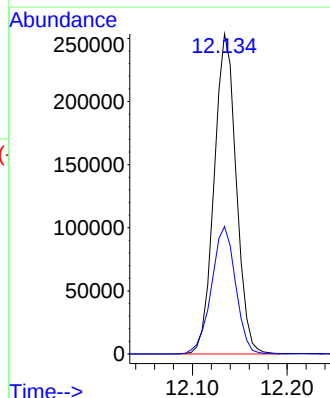
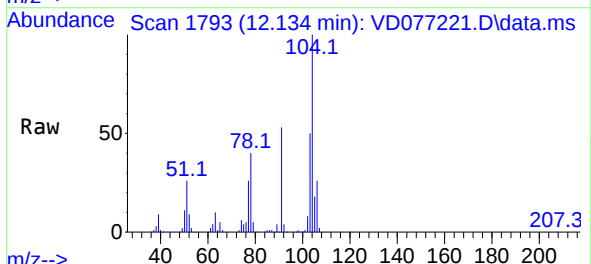
Instrument :
MSVOA_D
ClientSampleId :

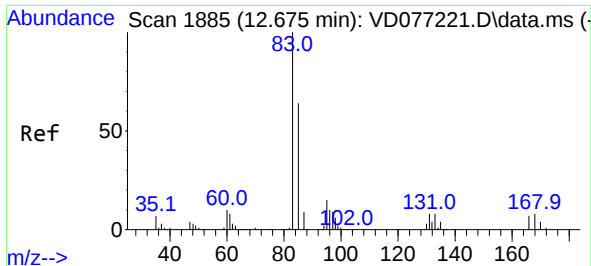
Tgt Ion:106 Resp: 220455
Ion Ratio Lower Upper
106 100
91 207.4 146.7 272.5



#55
Styrene
Concen: 24.378 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion:104 Resp: 410636
Ion Ratio Lower Upper
104 100
78 39.8 29.0 53.8

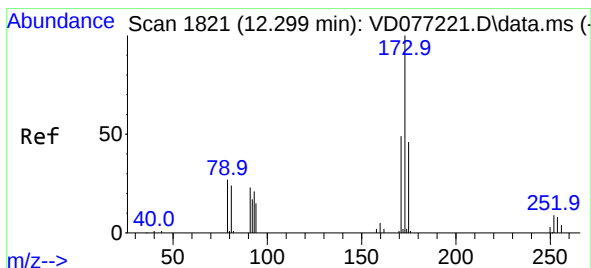
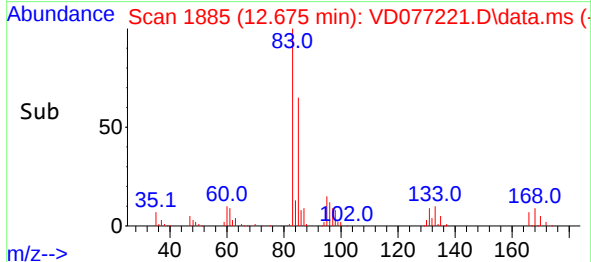
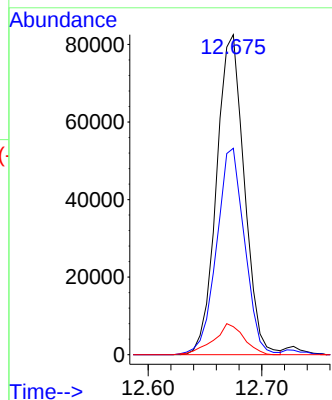
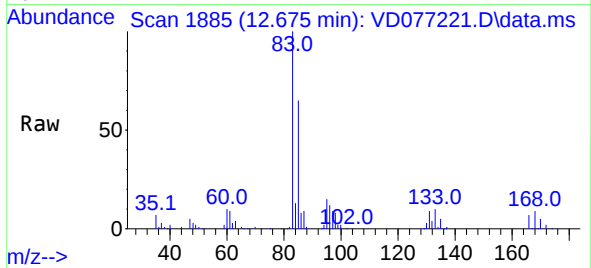




#57
1,1,2,2-Tetrachloroethane
Concen: 23.537 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

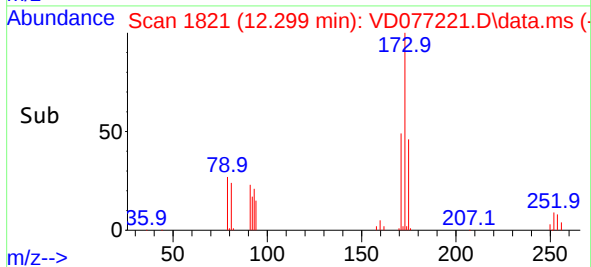
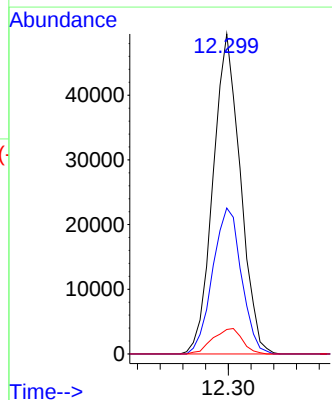
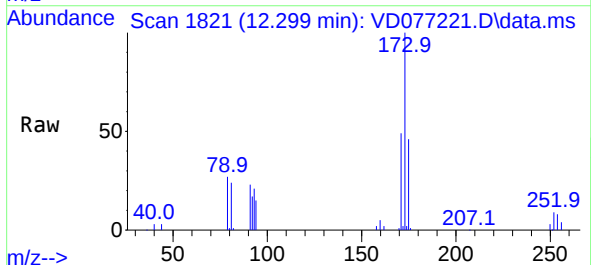
Instrument :
MSVOA_D
ClientSampleId :

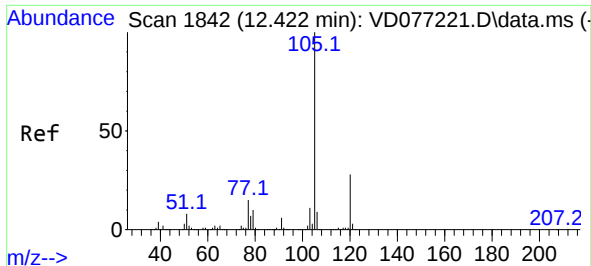
Tgt Ion: 83 Resp: 140027
Ion Ratio Lower Upper
83 100
85 64.5 44.0 81.8
131 8.7 7.7 11.5



#59
Bromoform
Concen: 22.734 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

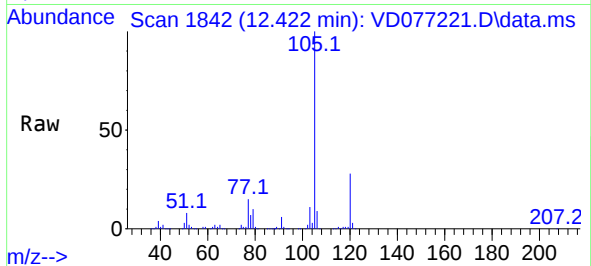
Tgt Ion: 173 Resp: 82556
Ion Ratio Lower Upper
173 100
175 48.1 39.5 59.3
254 8.6 7.1 10.7



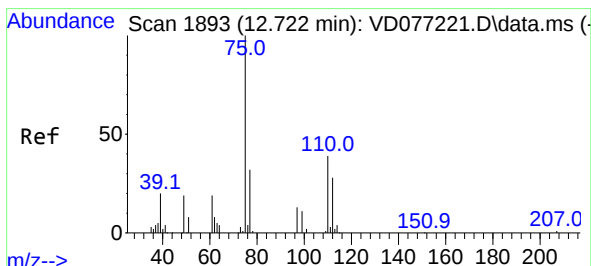
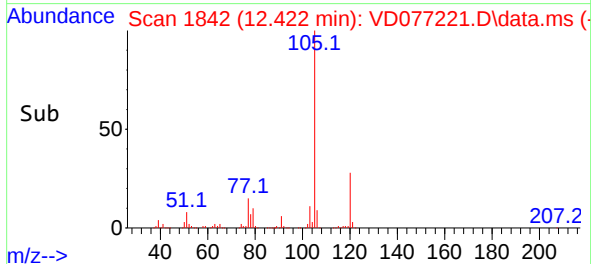
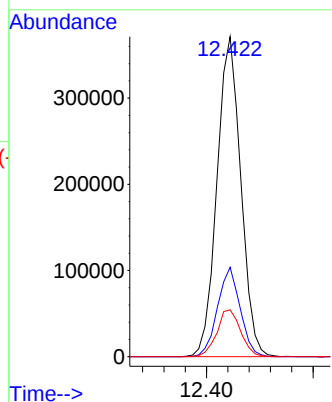


#60
Isopropylbenzene
Concen: 22.867 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

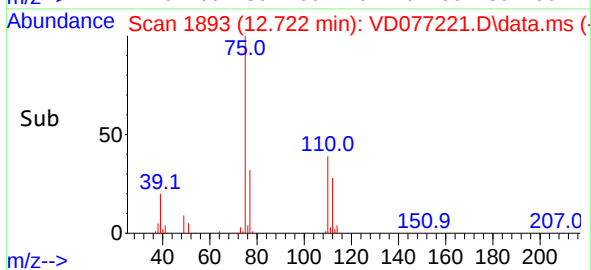
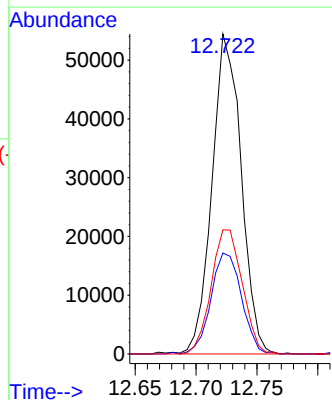
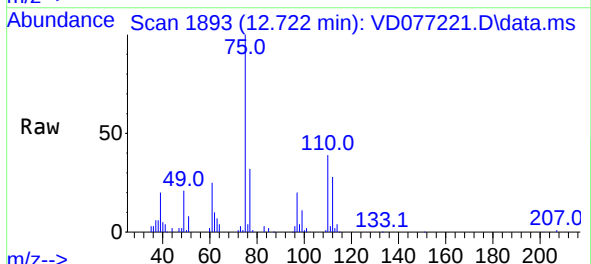


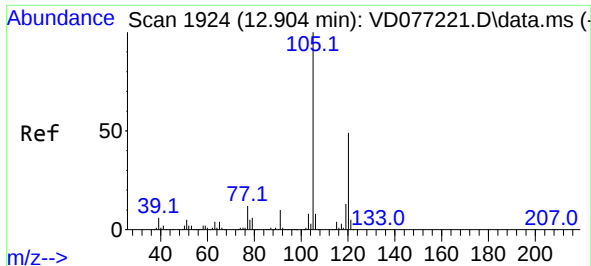
Tgt Ion:105 Resp: 576300
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.7 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 22.146 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion: 75 Resp: 90463
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9
110 41.5 33.8 50.8

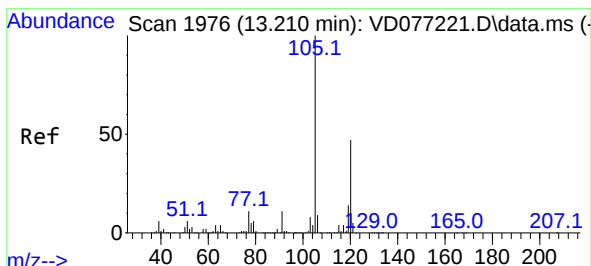
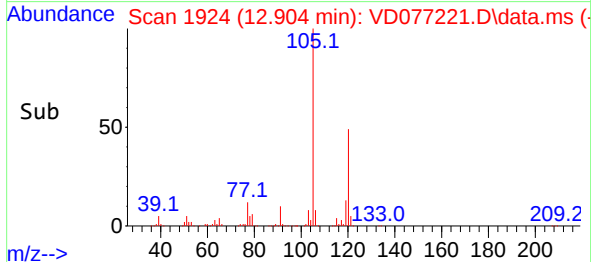
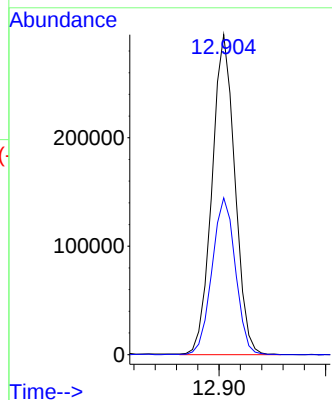
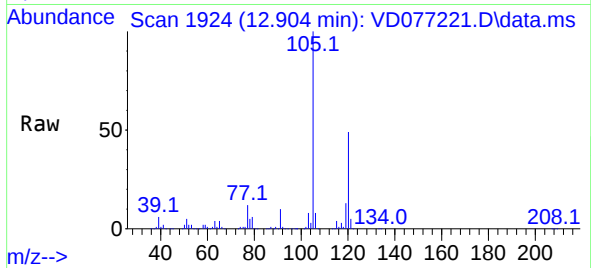




#62
1,3,5-Trimethylbenzene
Concen: 22.868 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

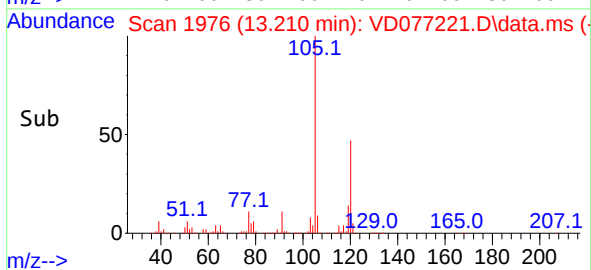
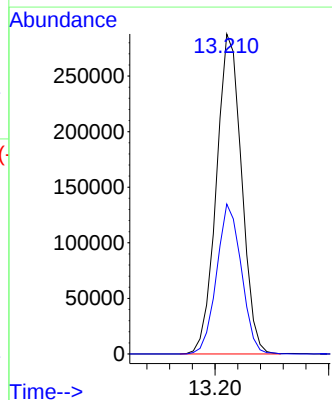
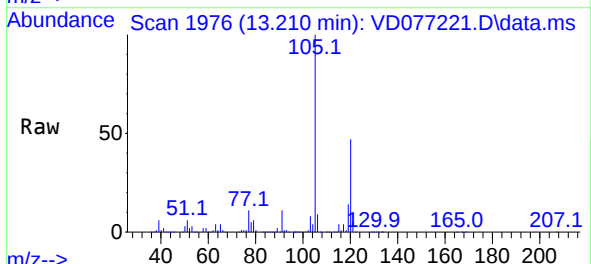
Instrument :
MSVOA_D
ClientSampleId :

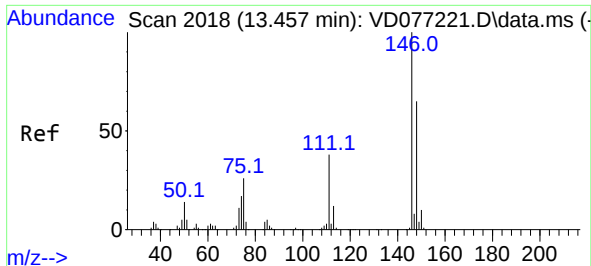
Tgt Ion:105 Resp: 440642
Ion Ratio Lower Upper
105 100
120 50.0 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 23.189 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion:105 Resp: 443680
Ion Ratio Lower Upper
105 100
120 46.0 37.6 56.4

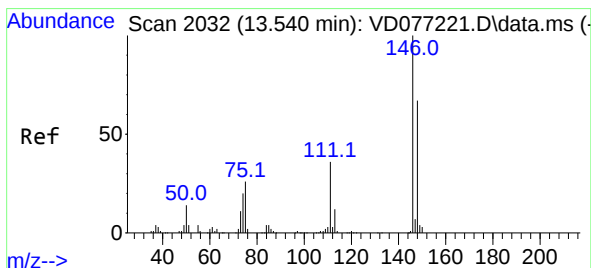
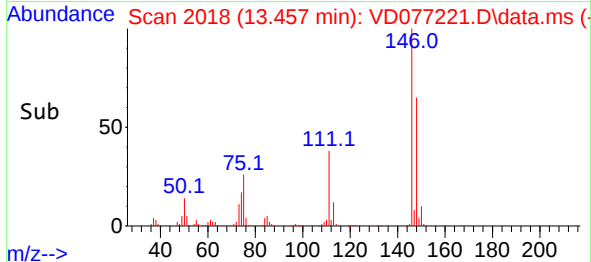
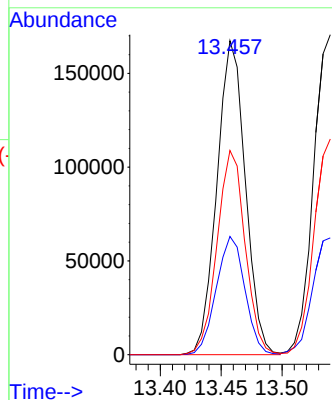
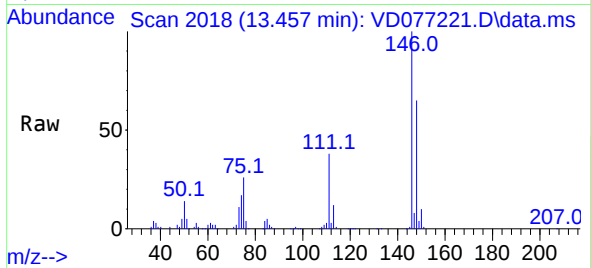




#64
1,3-Dichlorobenzene
Concen: 22.191 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

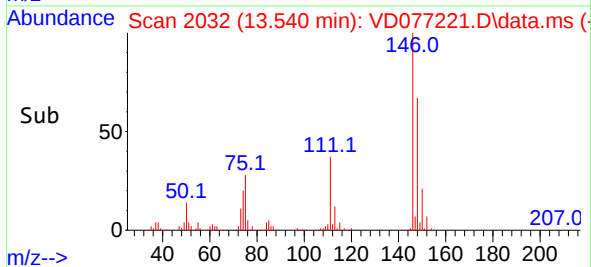
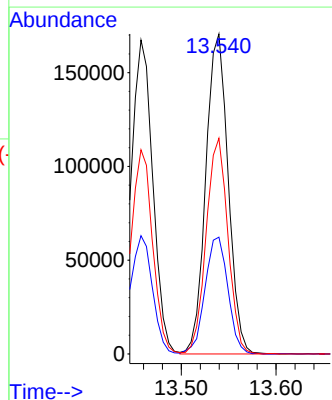
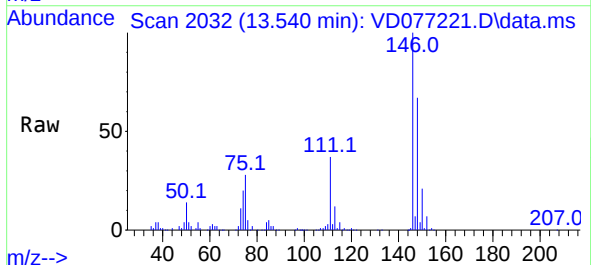
Instrument :
MSVOA_D
ClientSampleId :

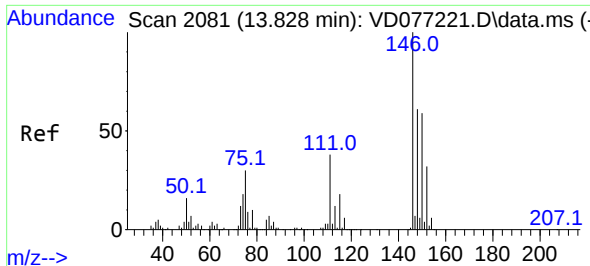
Tgt Ion:146 Resp: 272184
Ion Ratio Lower Upper
146 100
111 37.7 26.1 48.5
148 65.0 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 21.809 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion:146 Resp: 279540
Ion Ratio Lower Upper
146 100
111 36.5 24.6 45.8
148 67.4 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 22.456 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

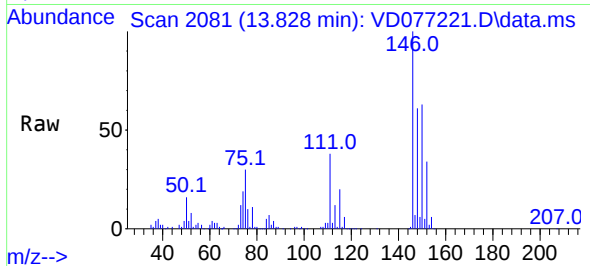
Lab File: VD077221.D

Acq: 26 Sep 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :



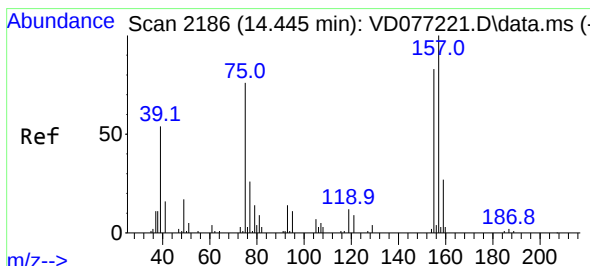
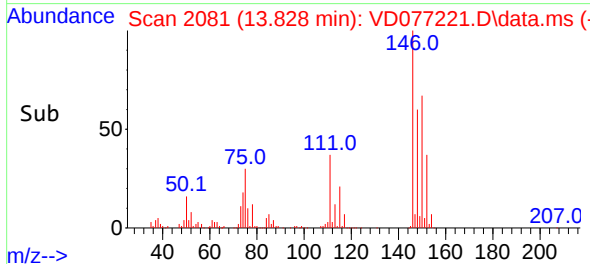
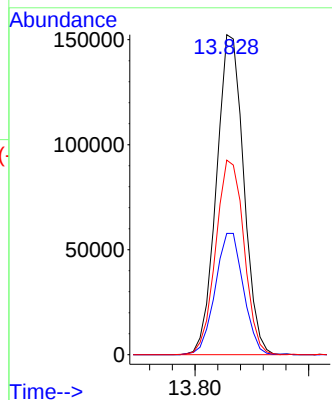
Tgt Ion:146 Resp: 253736

Ion Ratio Lower Upper

146 100

111 37.9 32.3 48.5

148 60.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.686 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD077221.D

Acq: 26 Sep 2023 11:48

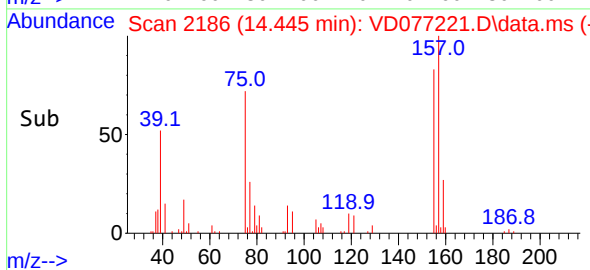
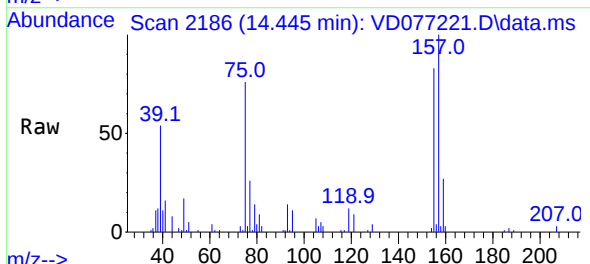
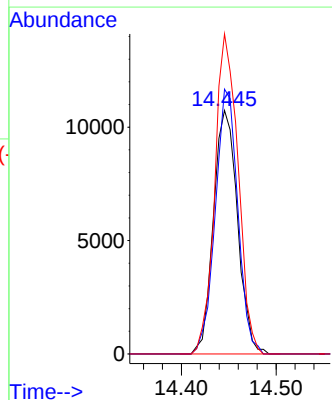
Tgt Ion: 75 Resp: 18954

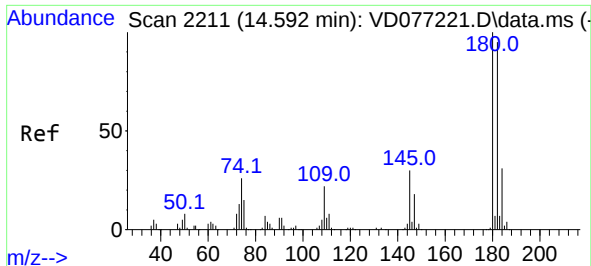
Ion Ratio Lower Upper

75 100

155 108.8 69.8 104.6#

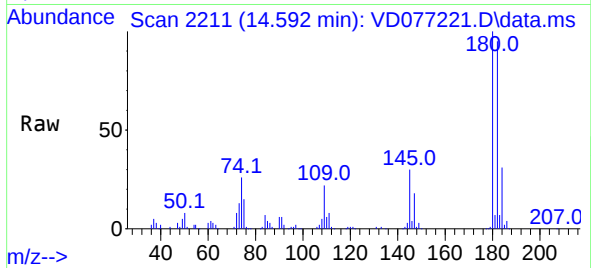
157 131.4 91.5 137.3





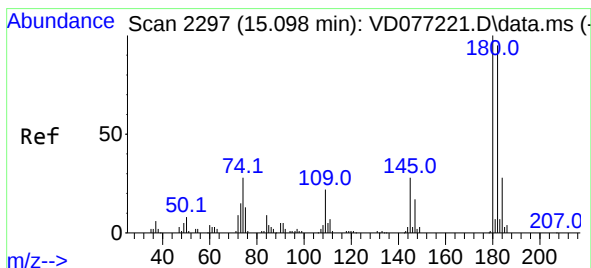
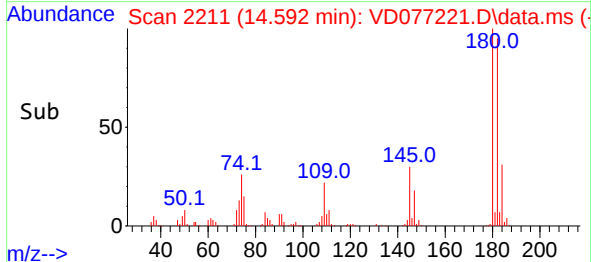
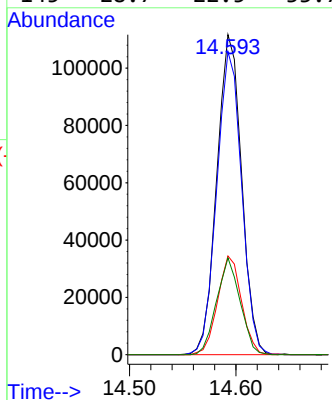
#69
1,3,5-Trichlorobenzene
Concen: 22.326 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 180021

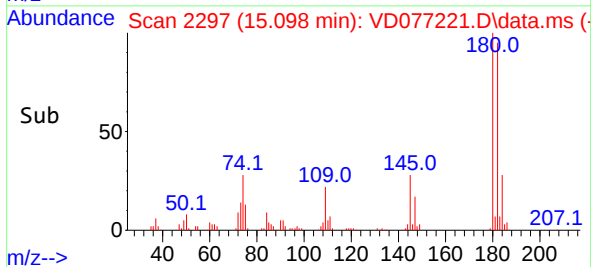
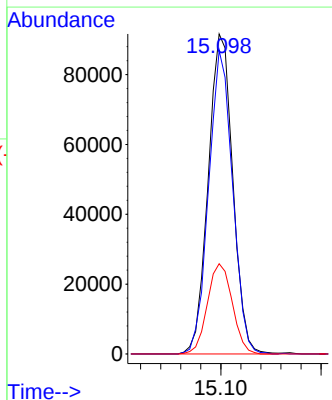
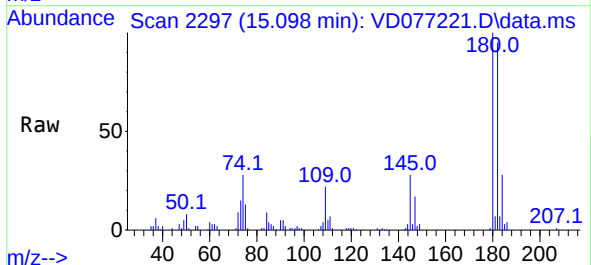
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.2	112.8
184	29.8	25.0	37.4
145	28.7	22.5	33.7

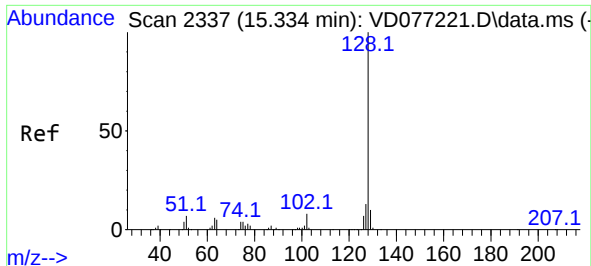


#70
1,2,4-trichlorobenzene
Concen: 22.565 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion:180 Resp: 155957

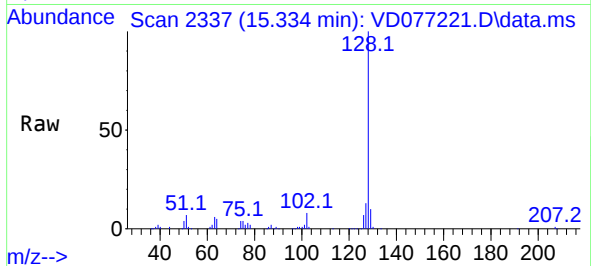
Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.8	115.2
145	28.5	23.0	34.6



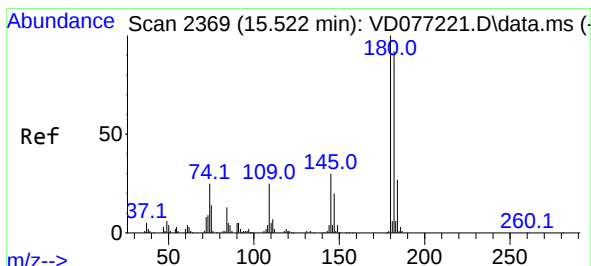
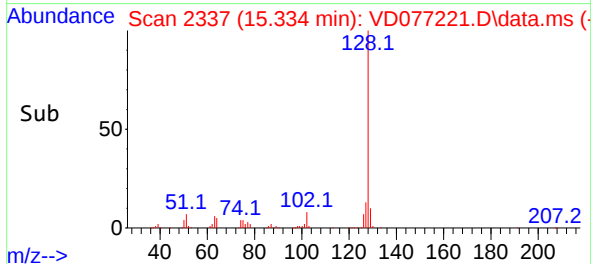
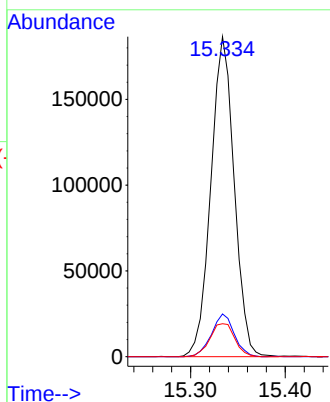


#71
Naphthalene
Concen: 22.340 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 319607
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.189 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077221.D
Acq: 26 Sep 2023 11:48

Tgt Ion:180 Resp: 143272
Ion Ratio Lower Upper
180 100
182 94.4 77.4 116.2
145 30.4 25.5 38.3

