

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077755.D
 Acq On : 06 Dec 2023 09:34
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 07 00:31:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	308015	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	289493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	148856	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	140263	16.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.800%
7) Chloroethane-d5	2.811	69	125038	18.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.720%
11) 1,1-Dichloroethene-d2	3.922	65	38926	17.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.480%
21) 2-Butanone-d5	6.987	46	46450	43.755	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.500%
24) Chloroform-d	7.575	84	182022	21.926	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.720%
26) 1,2-Dichloroethane-d4	8.234	65	89523	21.284	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.120%
32) Benzene-d6	8.204	84	370036	21.224	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.880%
36) 1,2-Dichloropropane-d6	9.216	67	112999	21.241	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.960%
41) Toluene-d8	10.275	98	339667	21.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.680%
43) trans-1,3-Dichloroprop...	10.528	79	49859	21.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.760%
47) 2-Hexanone-d5	10.881	63	41011	44.738	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	87396	22.735	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	115836	21.752	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	116843	23.762	ug/L	99
3) Chloromethane	2.152	50	143236	20.276	ug/L	98
5) Vinyl chloride	2.293	62	195075	22.170	ug/L	97
6) Bromomethane	2.705	94	107959	23.160	ug/L	100
8) Chloroethane	2.846	64	127249	23.168	ug/L	98
9) Trichlorofluoromethane	3.187	101	179410	23.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	111224	25.123	ug/L	98
12) 1,1-Dichloroethene	3.952	96	101281	24.173	ug/L	94
13) Acetone	4.028	43	62037	45.610	ug/L	100
14) Carbon disulfide	4.281	76	342690	23.080	ug/L	98
15) Methyl Acetate	4.569	43	41897	21.518	ug/L #	83
16) Methylene chloride	4.811	84	107295	19.618	ug/L	94
17) trans-1,2-Dichloroethene	5.328	96	109061	24.965	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	222274	23.082	ug/L #	86
19) 1,1-Dichloroethane	6.122	63	192007	23.321	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	115257	23.743	ug/L	98
22) 2-Butanone	7.087	43	65159	42.563	ug/L #	64
23) Bromochloromethane	7.434	128	50305	24.891	ug/L	90
25) Chloroform	7.599	83	196903	24.292	ug/L	93

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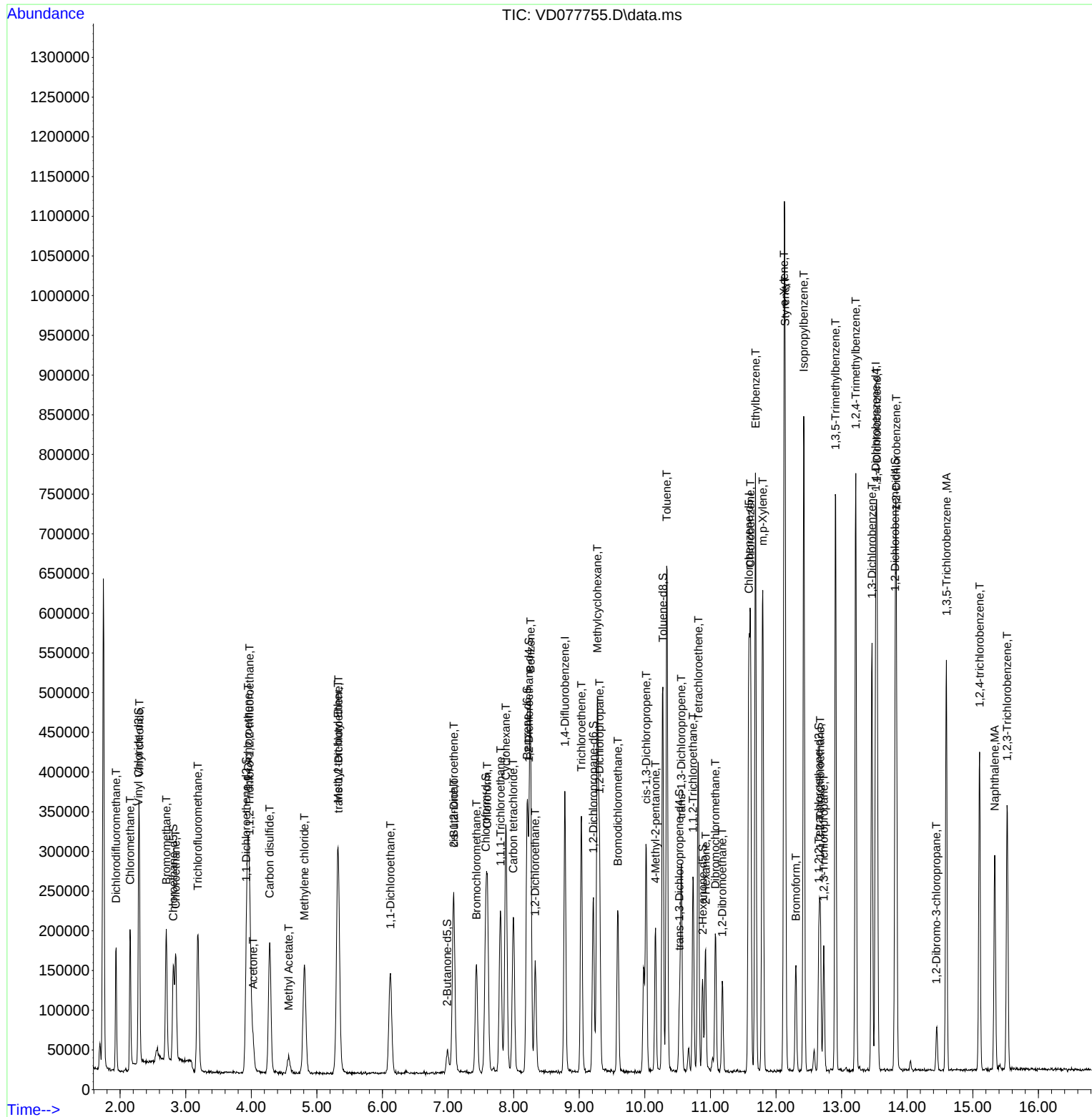
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	119200	23.510	ug/L	98
29) Cyclohexane	7.881	56	174480	22.840	ug/L	93
30) 1,1,1-Trichloroethane	7.799	97	171286	24.180	ug/L	98
31) Carbon tetrachloride	7.993	117	155808	25.011	ug/L	100
33) Benzene	8.257	78	444714	23.602	ug/L	100
34) Trichloroethene	9.034	95	113620	24.292	ug/L	96
35) Methylcyclohexane	9.275	83	201456	24.261	ug/L	97
37) 1,2-Dichloropropane	9.310	63	114528	23.312	ug/L	99
38) Bromodichloromethane	9.587	83	141256	23.645	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	177663	23.158	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	118665	43.772	ug/L	97
42) Toluene	10.334	91	486382	24.303	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	150213	23.442	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	83119	25.192	ug/L	94
46) Tetrachloroethene	10.816	164	91945	24.378	ug/L	95
48) 2-Hexanone	10.928	43	101068	43.861	ug/L	97
49) Dibromochloromethane	11.075	129	94964	24.206	ug/L	99
50) 1,2-Dibromoethane	11.181	107	75724	23.798	ug/L	99
51) Chlorobenzene	11.610	112	303094	24.423	ug/L	95
52) Ethylbenzene	11.687	91	538136	24.256	ug/L	98
53) m,p-Xylene	11.798	106	202871	24.200	ug/L	98
54) o-Xylene	12.122	106	198667	24.763	ug/L	93
55) Styrene	12.140	104	347356	24.743	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	93628	23.949	ug/L	90
59) Bromoform	12.304	173	59707	24.242	ug/L #	97
60) Isopropylbenzene	12.422	105	544171	24.493	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	64294	23.481	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	401831	24.080	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	409664	24.212	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	228584	23.789	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	238016	23.872	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	208690	24.136	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	13485	20.887	ug/L	88
69) 1,3,5-Trichlorobenzene	14.598	180	159966	24.449	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	130244	23.448	ug/L	99
71) Naphthalene	15.334	128	234947	23.137	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	115760	23.773	ug/L	100

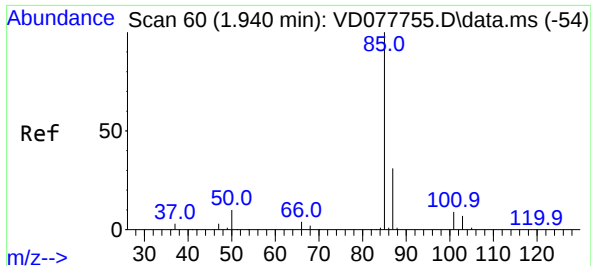
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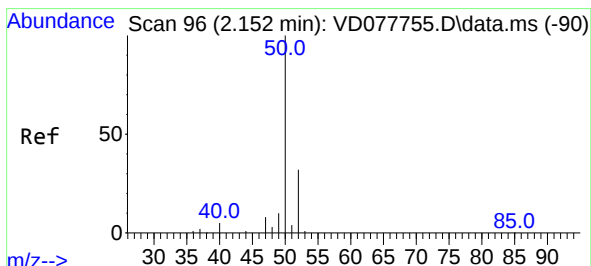
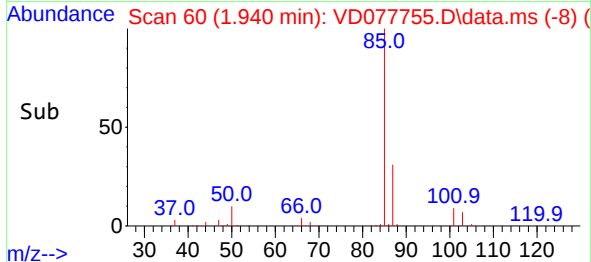
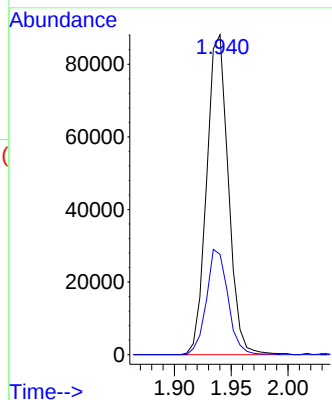
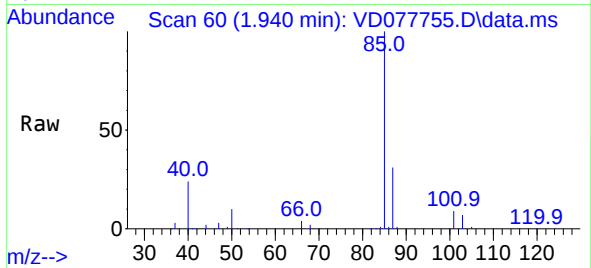




#2
 Dichlorodifluoromethane
 Concen: 23.762 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VD077755.D
 Acq: 06 Dec 2023 09:34

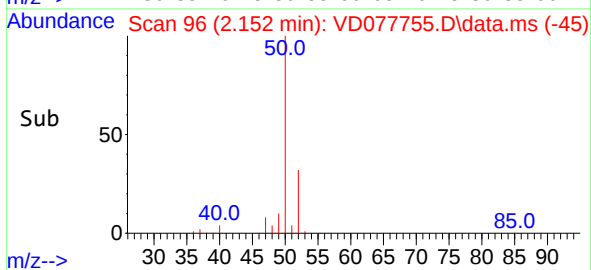
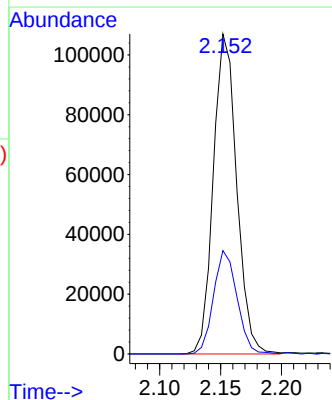
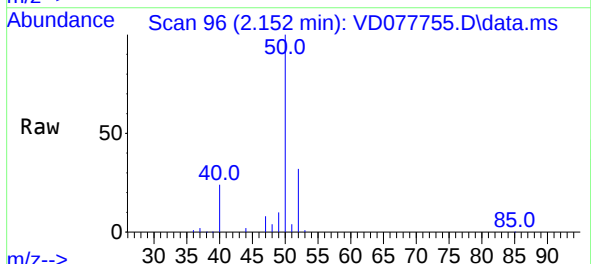
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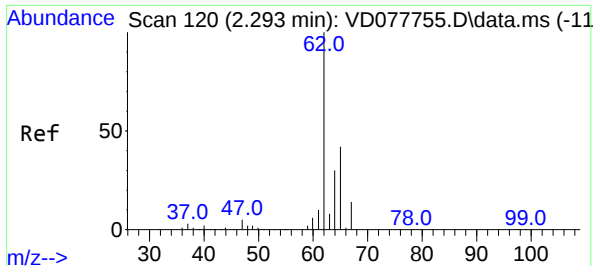
Tgt Ion: 85 Resp: 116843
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 20.276 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD077755.D
 Acq: 06 Dec 2023 09:34

Tgt Ion: 50 Resp: 143236
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

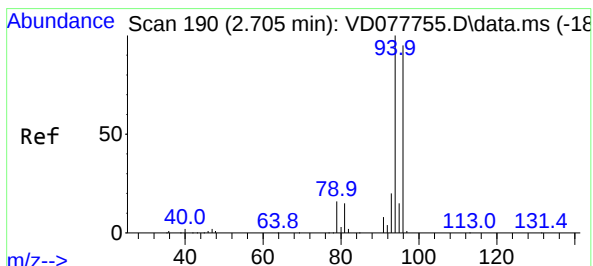
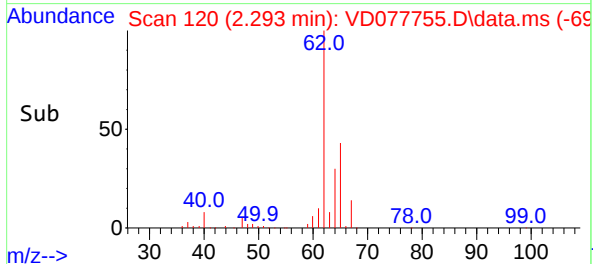
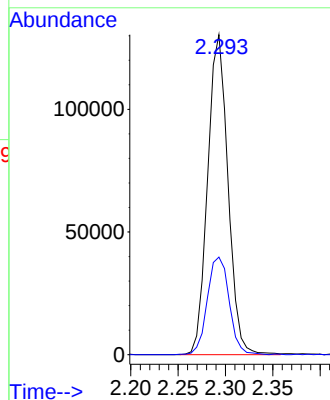
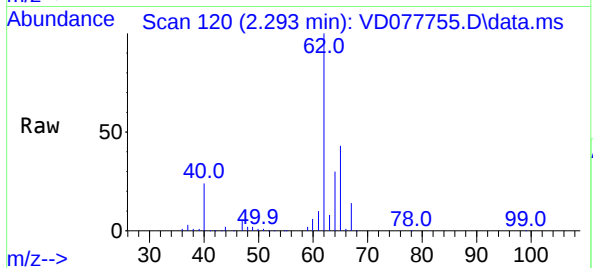




#5
 Vinyl chloride
 Concen: 22.170 ug/L
 RT: 2.293 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD077755.D
 Acq: 06 Dec 2023 09:34

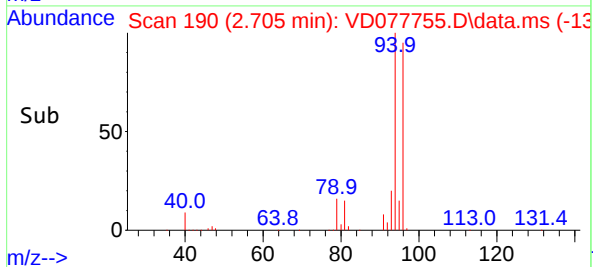
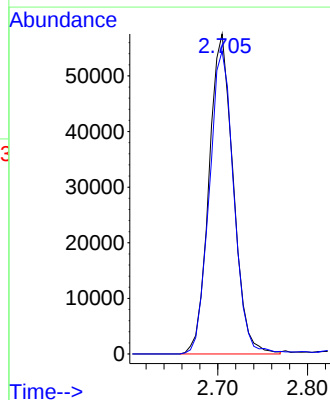
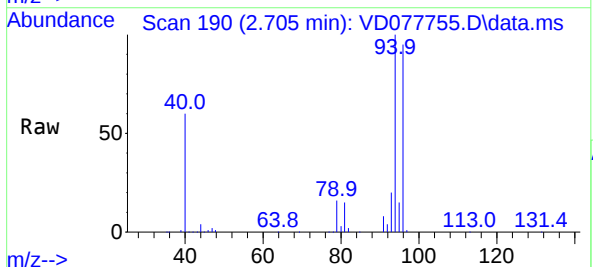
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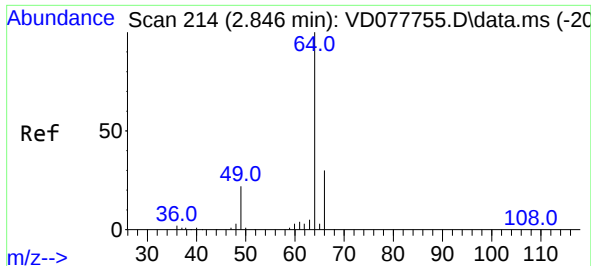
Tgt Ion: 62 Resp: 195075
 Ion Ratio Lower Upper
 62 100
 64 30.5 22.6 42.0



#6
 Bromomethane
 Concen: 23.160 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. -0.000 min
 Lab File: VD077755.D
 Acq: 06 Dec 2023 09:34

Tgt Ion: 94 Resp: 107959
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.0 122.6

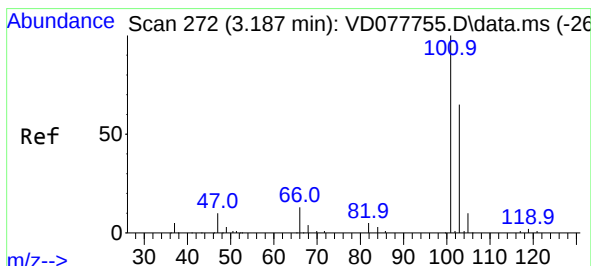
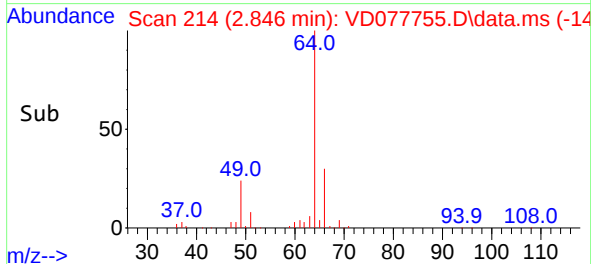
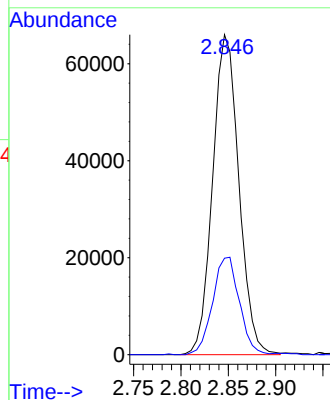
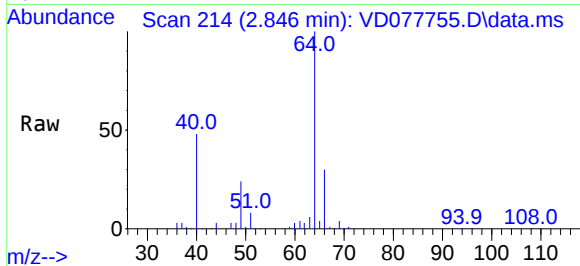




#8
Chloroethane
Concen: 23.168 ug/L
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

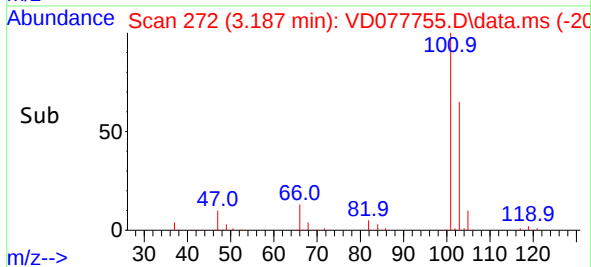
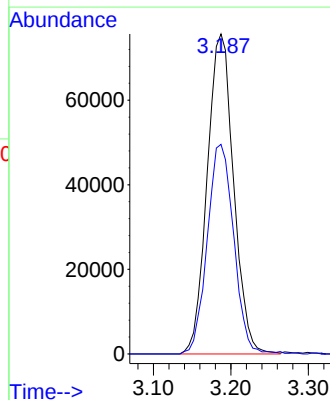
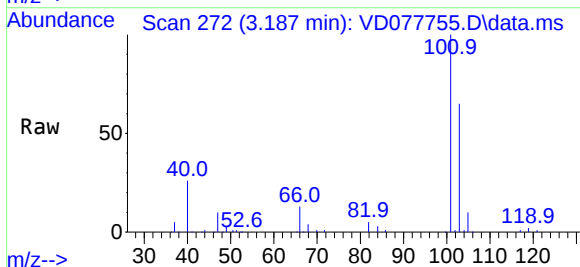
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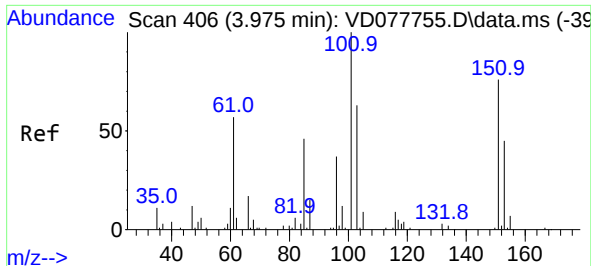
Tgt Ion: 64 Resp: 127249
Ion Ratio Lower Upper
64 100
66 30.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.906 ug/L
RT: 3.187 min Scan# 272
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion:101 Resp: 179410
Ion Ratio Lower Upper
101 100
103 65.2 52.5 78.7

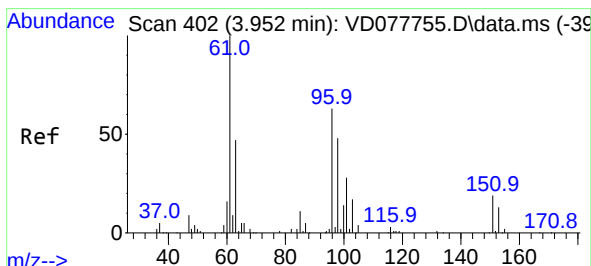
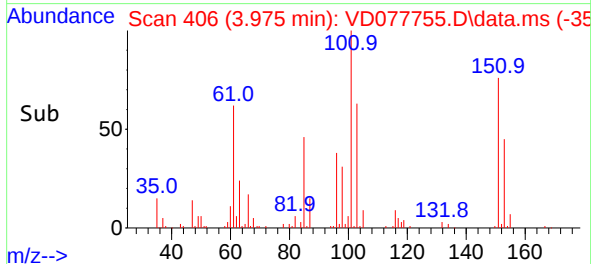
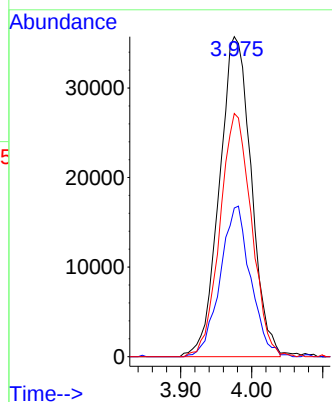
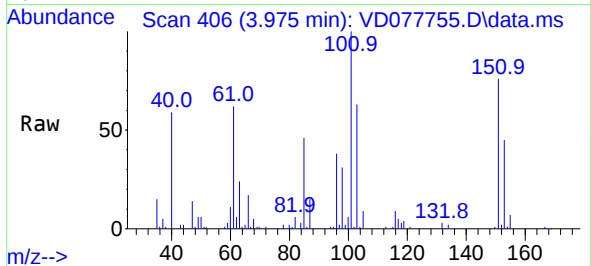




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.123 ug/L
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

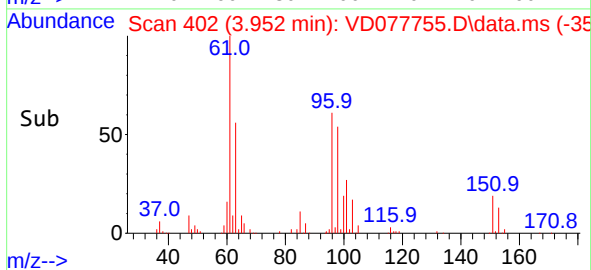
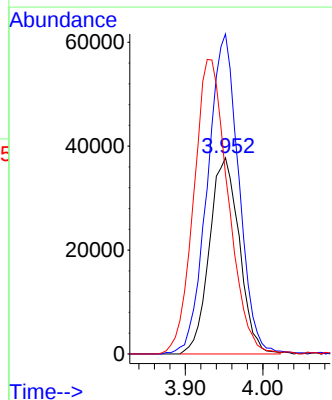
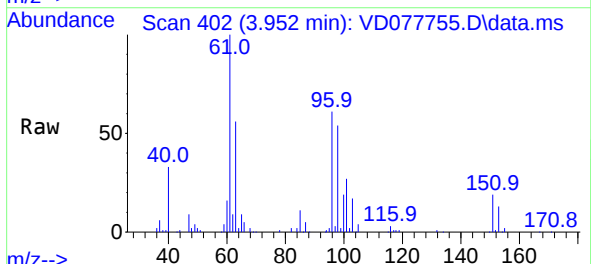
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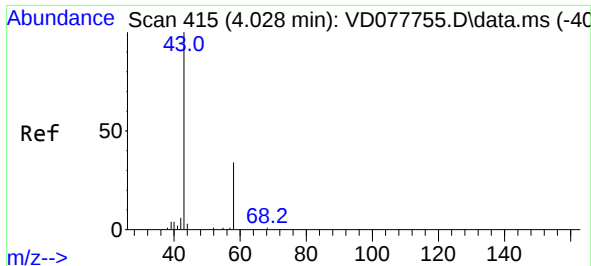
Tgt Ion:101 Resp: 111224
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 73.6 57.0 85.6



#12
1,1-Dichloroethene
Concen: 24.173 ug/L
RT: 3.952 min Scan# 402
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion: 96 Resp: 101281
Ion Ratio Lower Upper
96 100
61 163.1 108.6 201.6
63 91.5 60.3 111.9

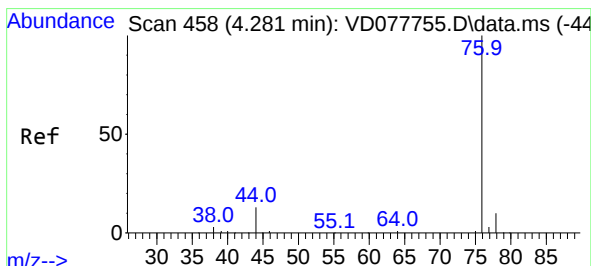
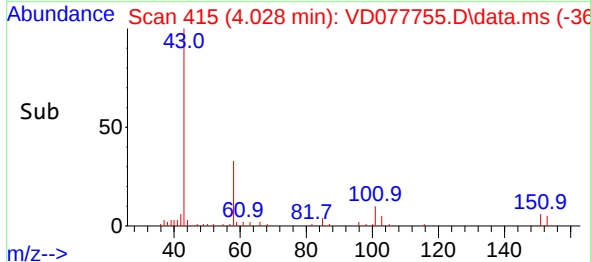
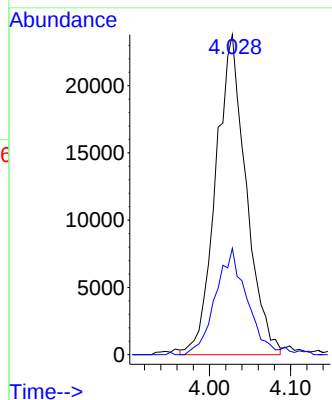
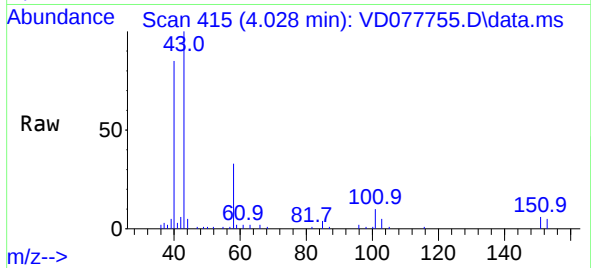




#13
Acetone
Concen: 45.610 ug/L
RT: 4.028 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

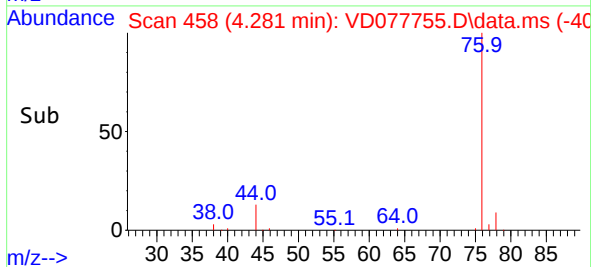
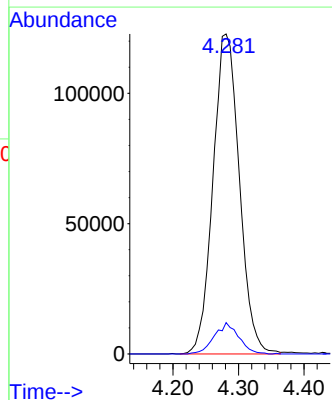
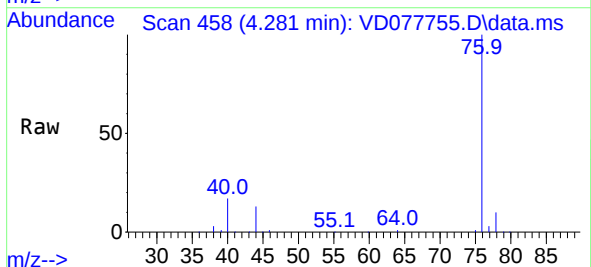
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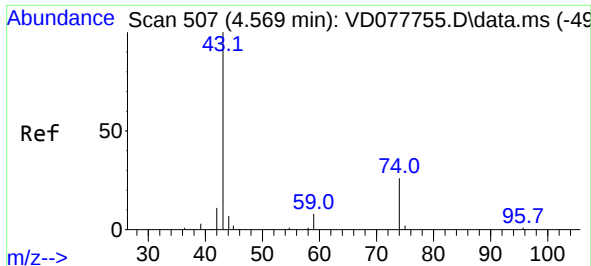
Tgt Ion: 43 Resp: 62037
Ion Ratio Lower Upper
43 100
58 33.8 0.0 67.2



#14
Carbon disulfide
Concen: 23.080 ug/L
RT: 4.281 min Scan# 458
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion: 76 Resp: 342690
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8





#15

Methyl Acetate

Concen: 21.518 ug/L

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077755.D

Acq: 06 Dec 2023 09:34

Instrument :

MSVOA_D

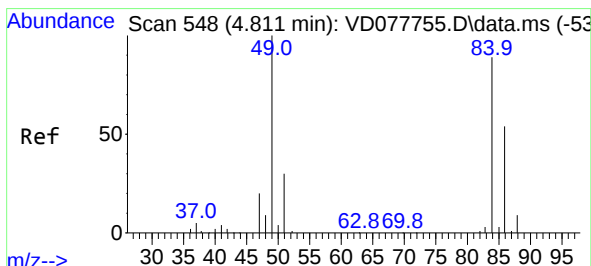
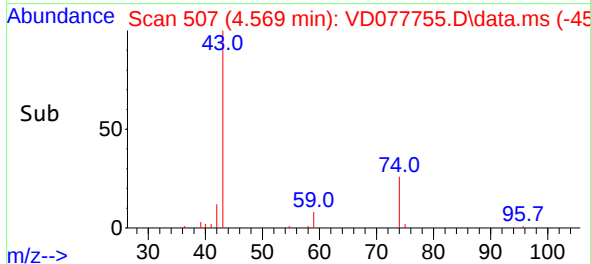
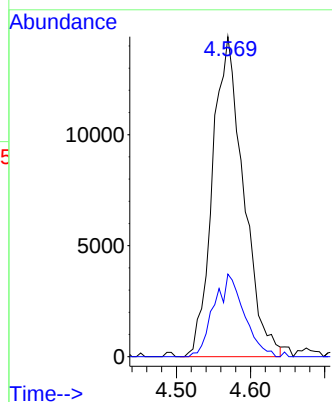
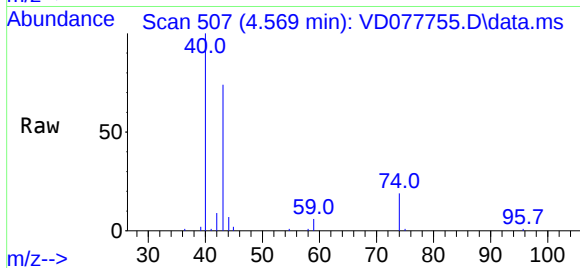
ClientSampleId :

Tgt Ion: 43 Resp: 41897

Ion Ratio Lower Upper

43 100

74 15.1 18.6 27.8#



#16

Methylene chloride

Concen: 19.618 ug/L

RT: 4.811 min Scan# 548

Delta R.T. -0.000 min

Lab File: VD077755.D

Acq: 06 Dec 2023 09:34

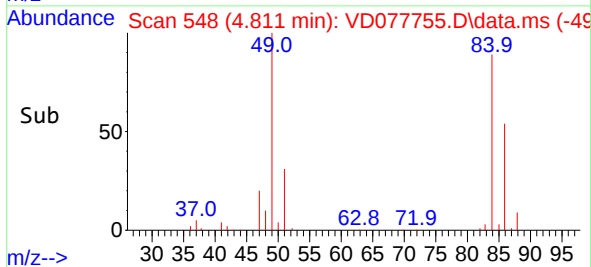
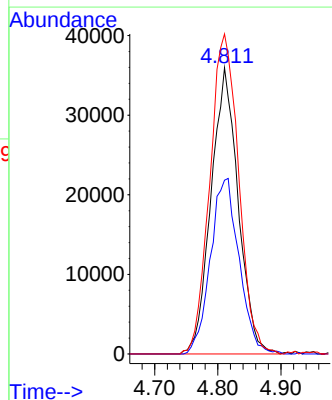
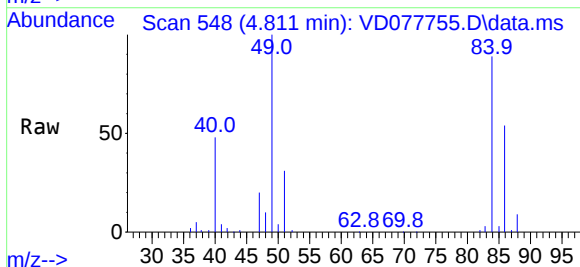
Tgt Ion: 84 Resp: 107295

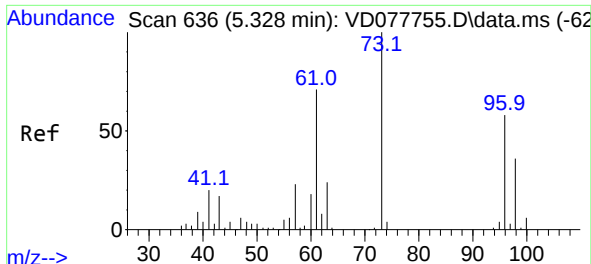
Ion Ratio Lower Upper

84 100

86 60.7 40.1 74.5

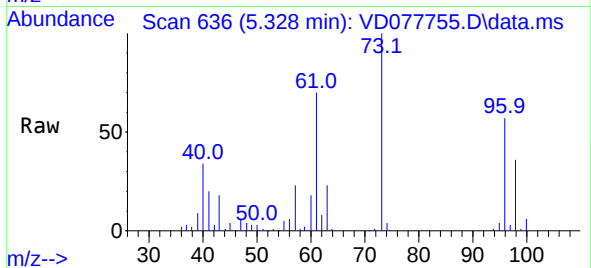
49 111.8 83.2 154.6



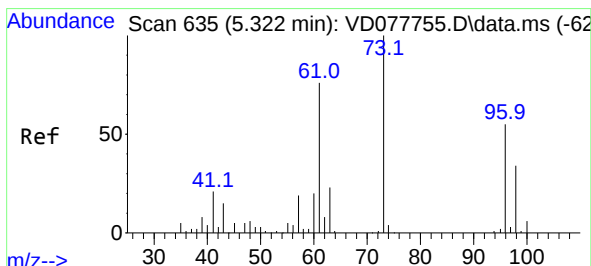
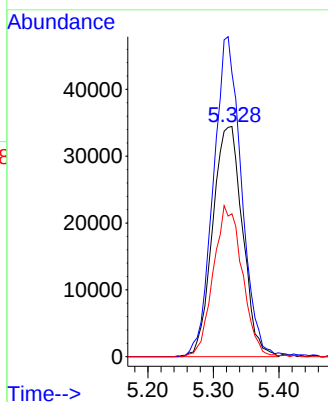
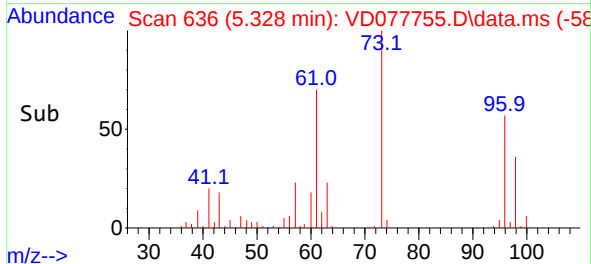


#17
trans-1,2-Dichloroethene
Concen: 24.965 ug/L
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

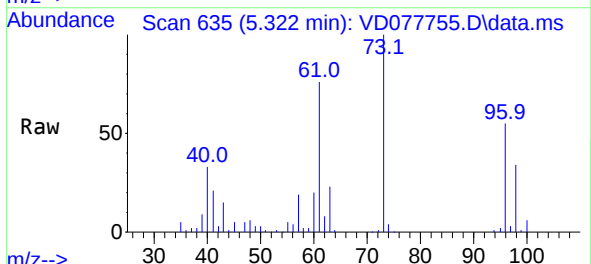
Instrument :
MSVOA_D
ClientSampleId :



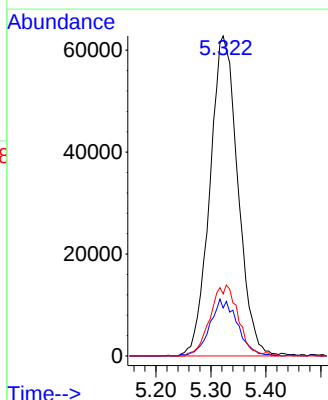
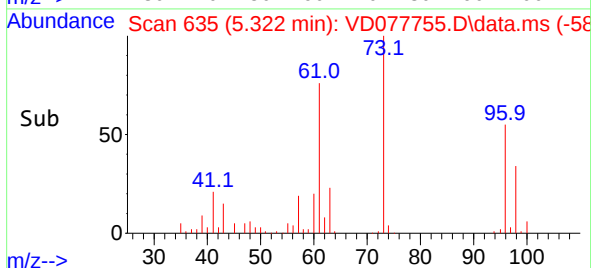
Tgt Ion: 96 Resp: 109061
Ion Ratio Lower Upper
96 100
61 123.1 92.3 171.3
98 62.1 44.7 82.9

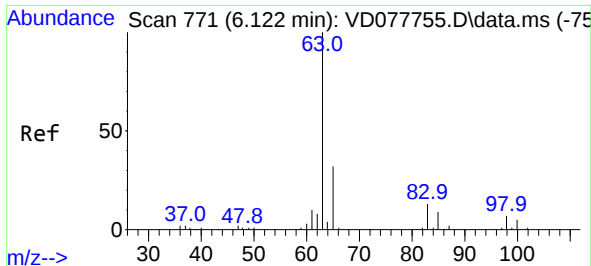


#18
Methyl tert-butyl Ether
Concen: 23.082 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34



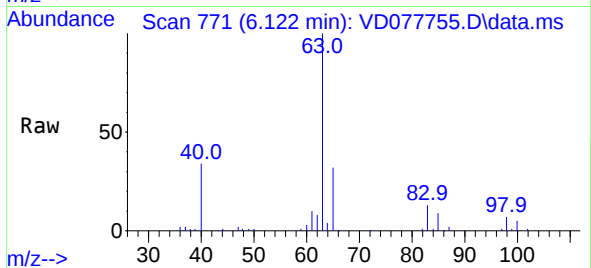
Tgt Ion: 73 Resp: 222274
Ion Ratio Lower Upper
73 100
43 17.3 15.0 22.4
57 11.4 18.1 27.1#



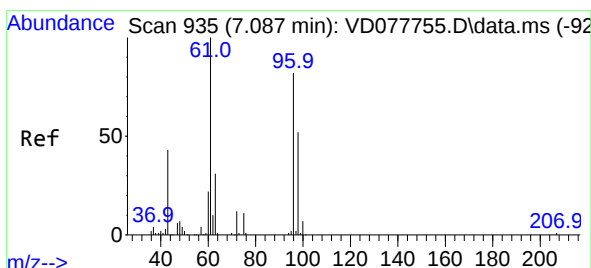
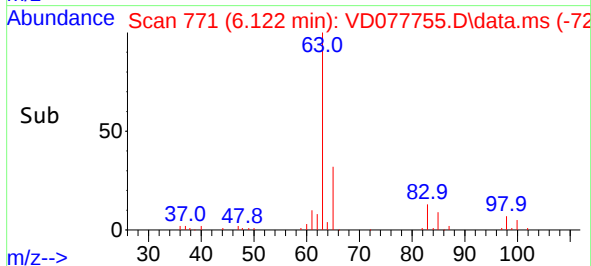
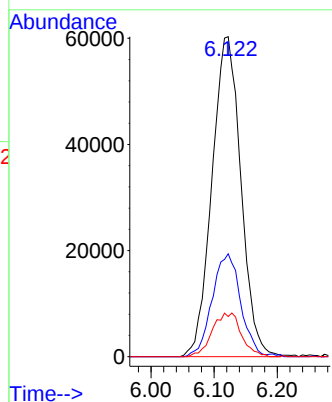


#19
1,1-Dichloroethane
Concen: 23.321 ug/L
RT: 6.122 min Scan# 771
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Instrument :
MSVOA_D
ClientSampleId :

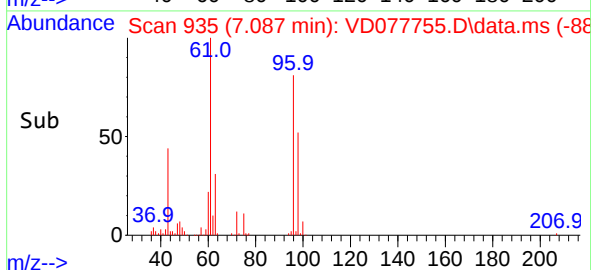
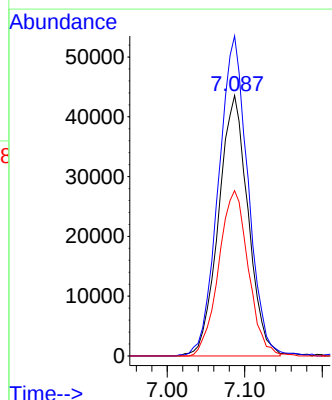
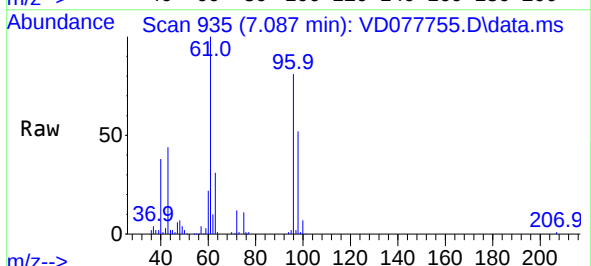


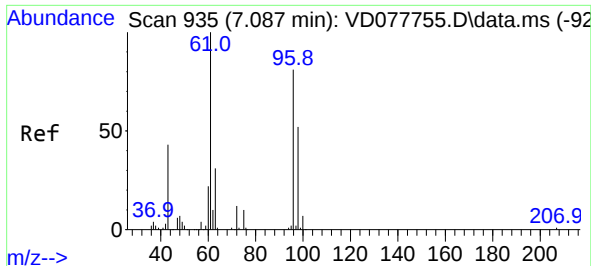
Tgt Ion: 63 Resp: 192007
Ion Ratio Lower Upper
63 100
65 32.2 20.9 38.9
83 12.5 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 23.743 ug/L
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

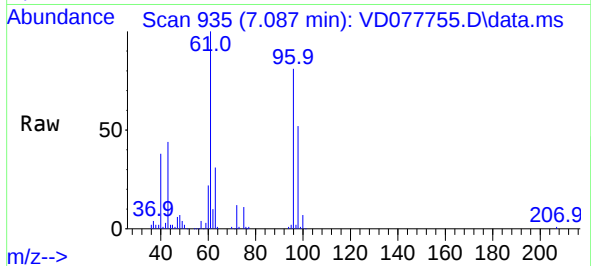
Tgt Ion: 96 Resp: 115257
Ion Ratio Lower Upper
96 100
61 122.9 88.1 163.5
98 63.5 44.1 81.9



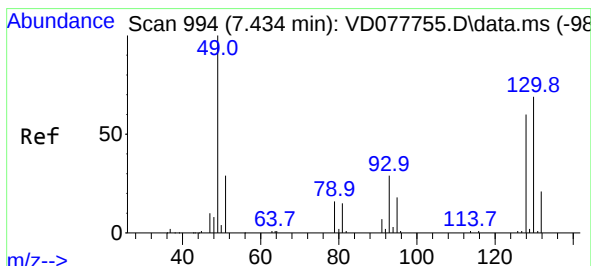
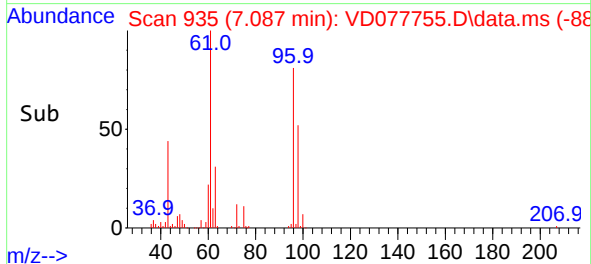
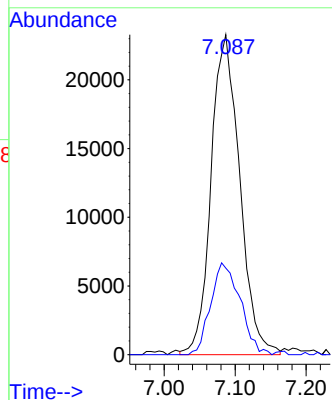


#22
2-Butanone
Concen: 42.563 ug/L
RT: 7.087 min Scan# 915
Delta R.T. 0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Instrument :
MSVOA_D
ClientSampleId :

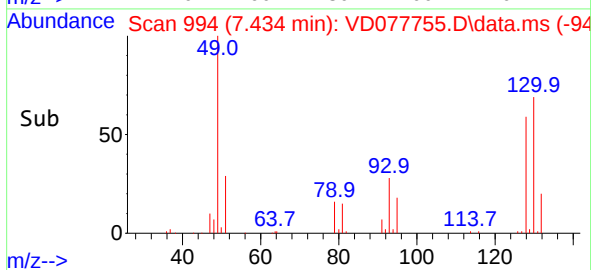
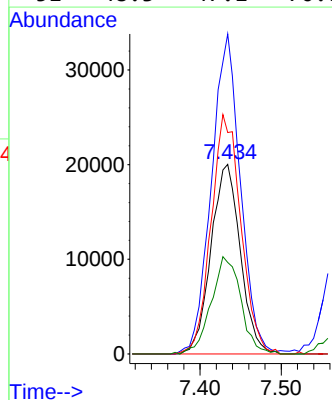
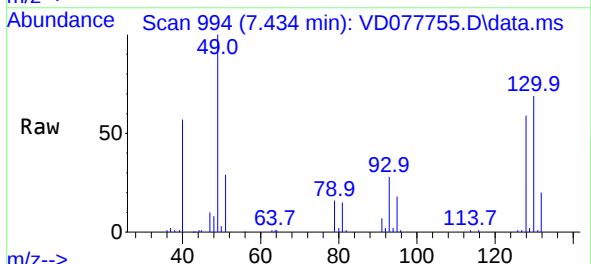


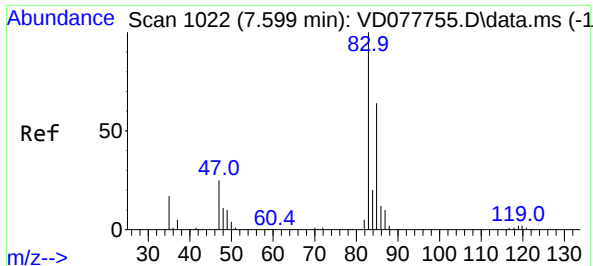
Tgt Ion: 43 Resp: 65159
Ion Ratio Lower Upper
43 100
72 29.2 7.2 21.6#



#23
Bromochloromethane
Concen: 24.891 ug/L
RT: 7.434 min Scan# 994
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion: 128 Resp: 50305
Ion Ratio Lower Upper
128 100
49 168.8 124.7 231.5
130 116.8 92.3 171.3
51 48.3 47.1 70.7





#25

Chloroform

Concen: 24.292 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077755.D

Acq: 06 Dec 2023 09:34

Instrument :

MSVOA_D

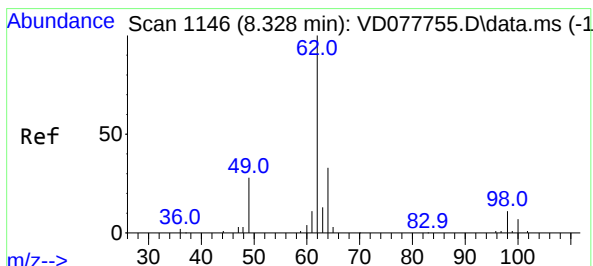
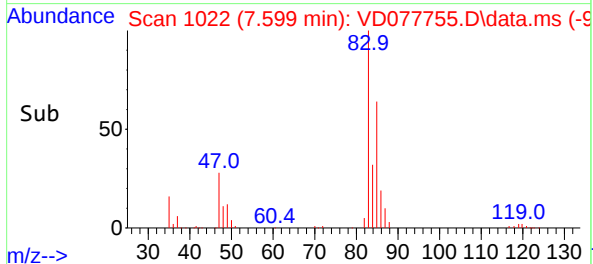
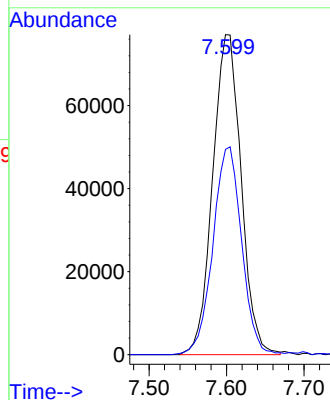
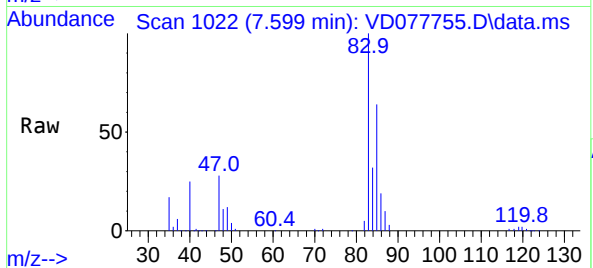
ClientSampleId :

Tgt Ion: 83 Resp: 196903

Ion Ratio Lower Upper

83 100

85 64.1 48.9 90.9



#27

1,2-Dichloroethane

Concen: 23.510 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077755.D

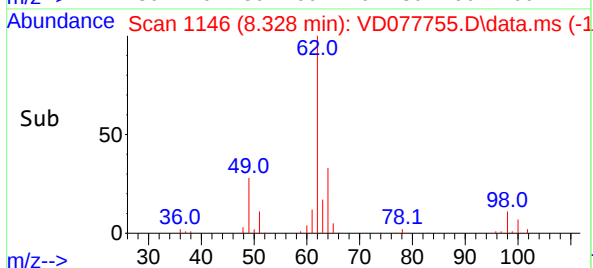
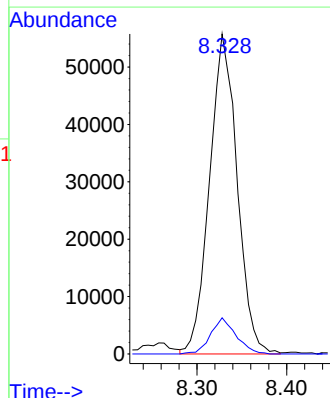
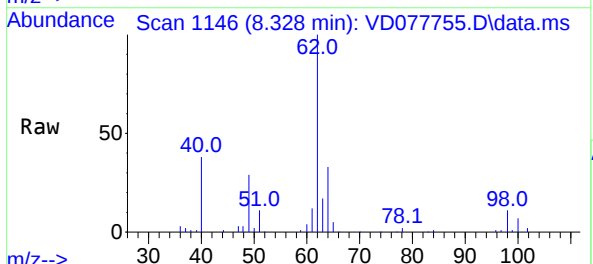
Acq: 06 Dec 2023 09:34

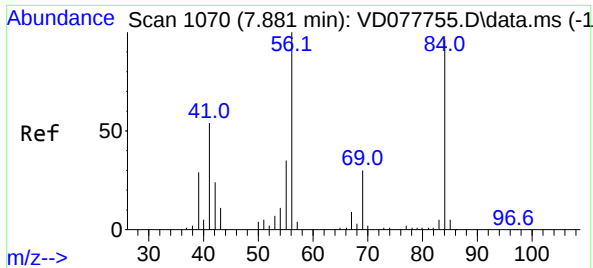
Tgt Ion: 62 Resp: 119200

Ion Ratio Lower Upper

62 100

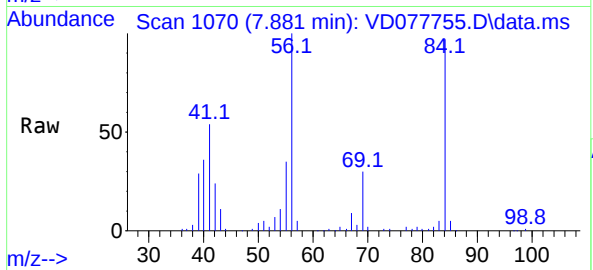
98 11.3 8.4 12.6



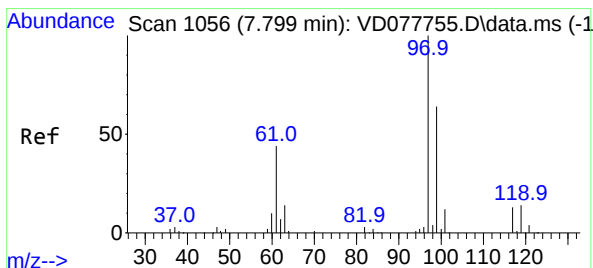
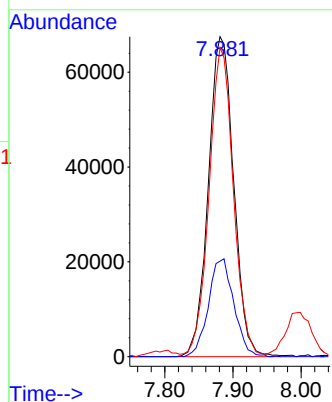
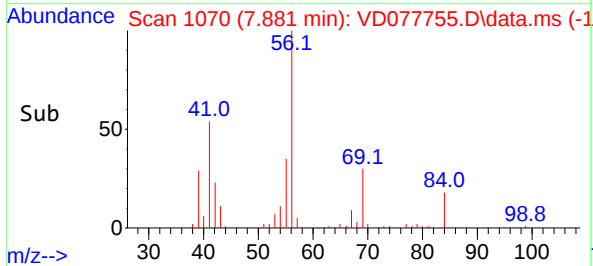


#29
Cyclohexane
Concen: 22.840 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

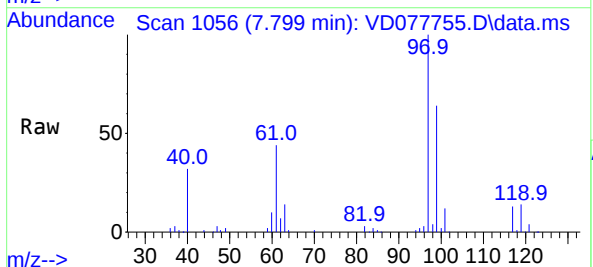
Instrument :
MSVOA_D
ClientSampleId :



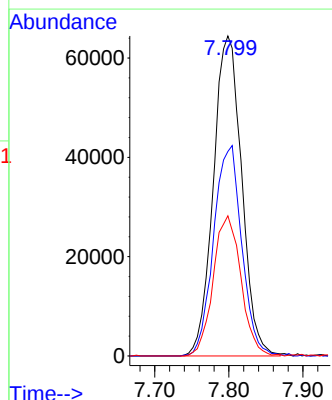
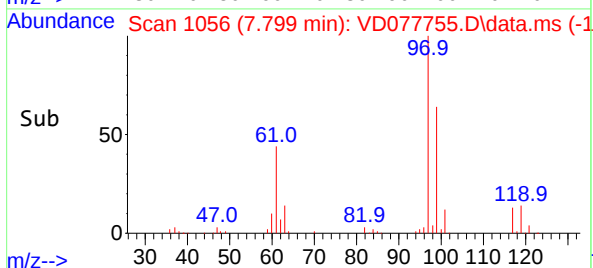
Tgt Ion: 56 Resp: 174480
Ion Ratio Lower Upper
56 100
69 30.7 22.2 33.4
84 92.3 68.5 102.7

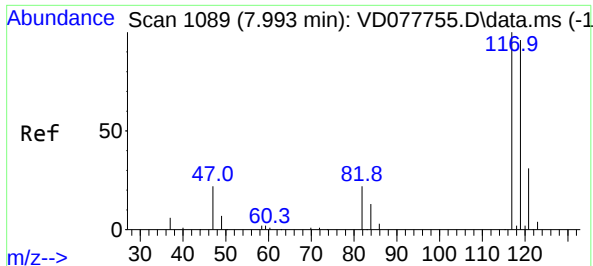


#30
1,1,1-Trichloroethane
Concen: 24.180 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34



Tgt Ion: 97 Resp: 171286
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 42.8 35.4 53.2

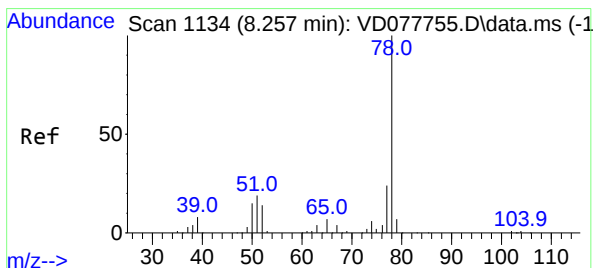
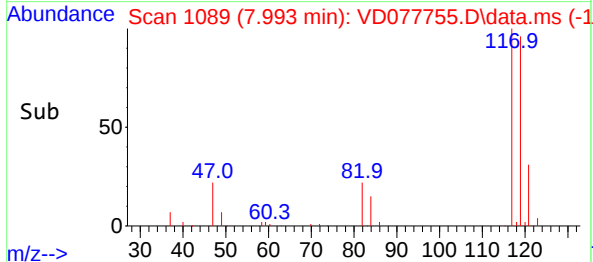
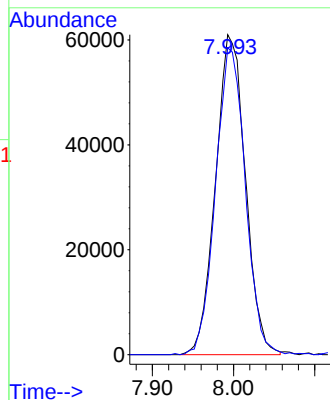
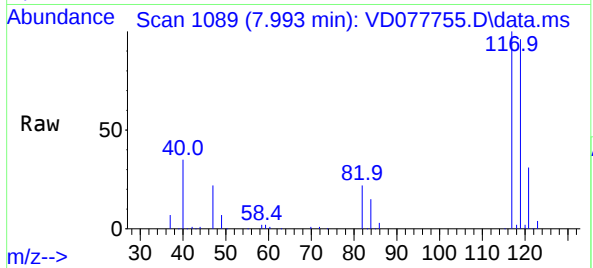




#31
Carbon tetrachloride
Concen: 25.011 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

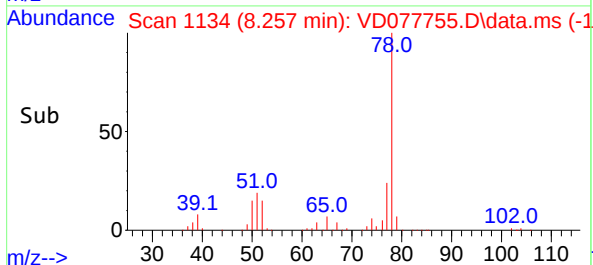
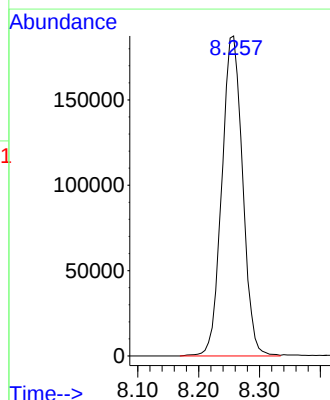
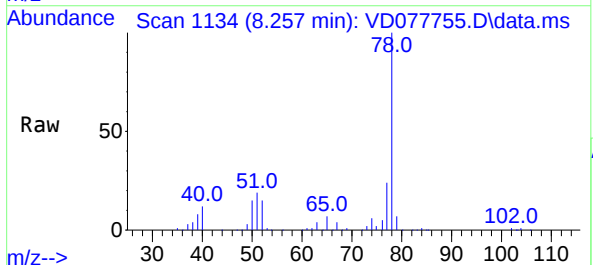
Instrument :
MSVOA_D
ClientSampleId :

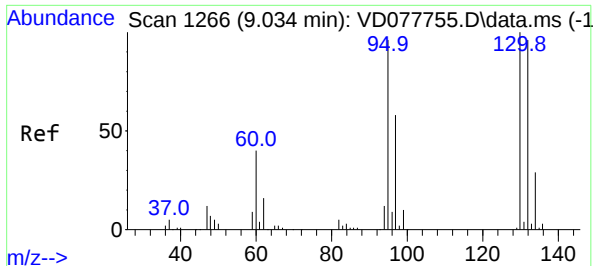
Tgt Ion:117 Resp: 155808
Ion Ratio Lower Upper
117 100
119 95.5 76.3 114.5



#33
Benzene
Concen: 23.602 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

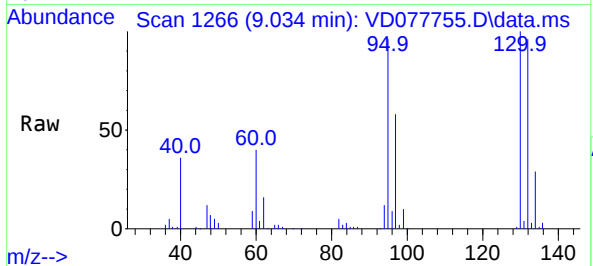
Tgt Ion: 78 Resp: 444714



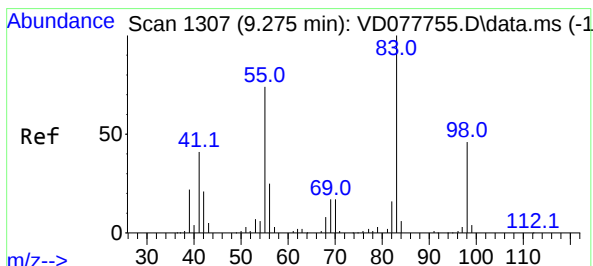
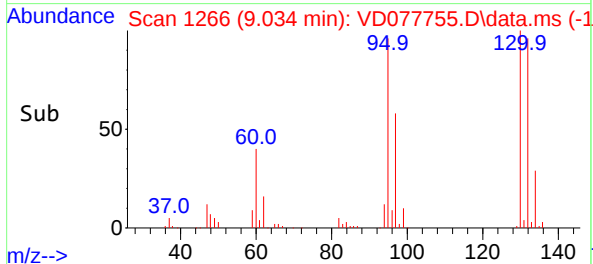
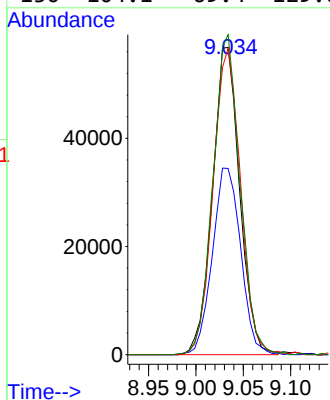


#34
Trichloroethene
Concen: 24.292 ug/L
RT: 9.034 min Scan# 113620
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Instrument :
MSVOA_D
ClientSampleId :

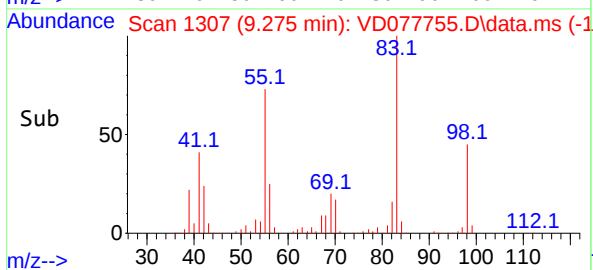
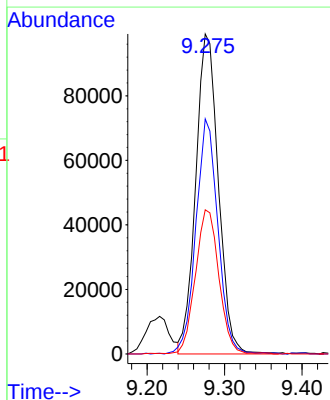
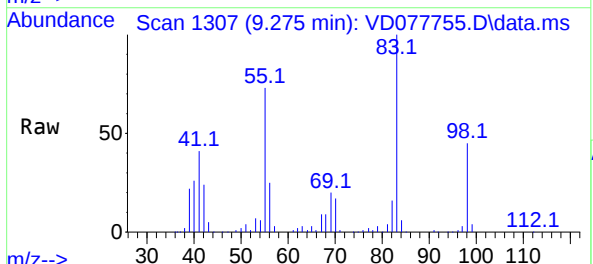


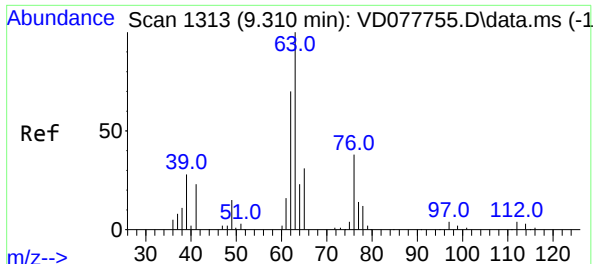
Tgt Ion: 95 Resp: 113620
Ion Ratio Lower Upper
95 100
97 60.6 44.2 82.0
132 99.7 67.5 125.3
130 104.1 69.4 129.0



#35
Methylcyclohexane
Concen: 24.261 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion: 83 Resp: 201456
Ion Ratio Lower Upper
83 100
55 71.3 59.8 89.6
98 46.6 38.5 57.7

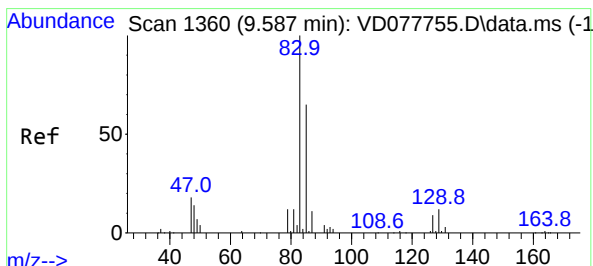
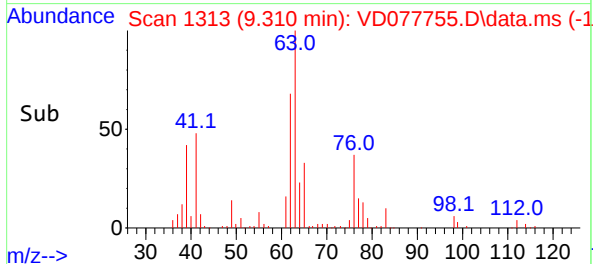
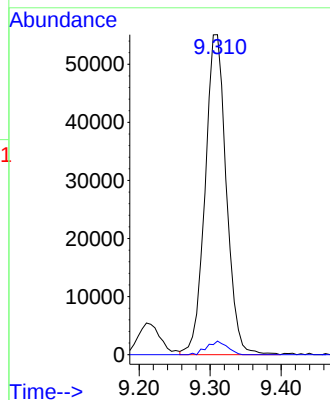
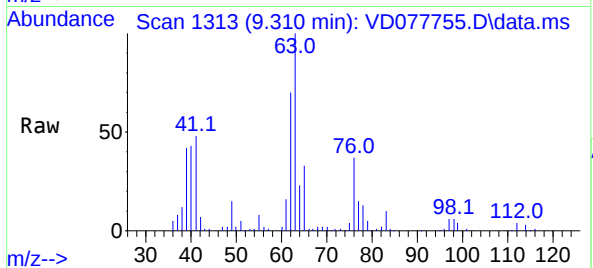




#37
1,2-Dichloropropane
Concen: 23.312 ug/L
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

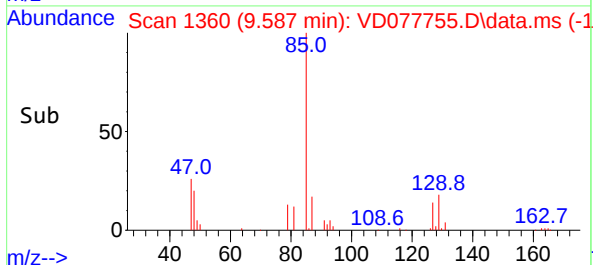
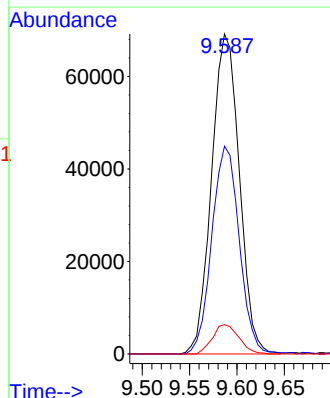
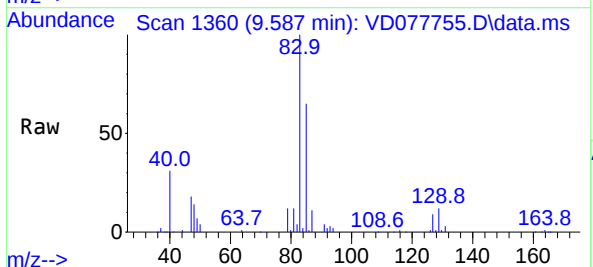
Instrument :
MSVOA_D
ClientSampleId :

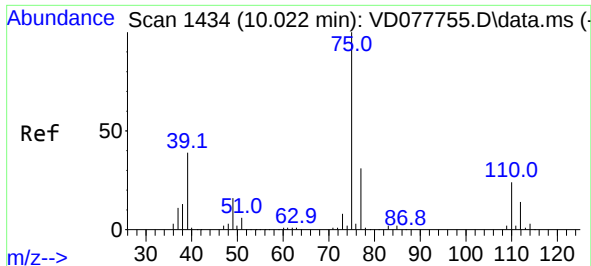
Tgt Ion: 63 Resp: 114528
Ion Ratio Lower Upper
63 100
112 4.0 3.5 5.3



#38
Bromodichloromethane
Concen: 23.645 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion: 83 Resp: 141256
Ion Ratio Lower Upper
83 100
85 65.0 45.5 84.5
127 9.2 7.4 11.2

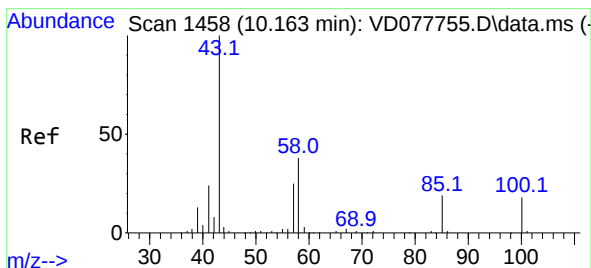
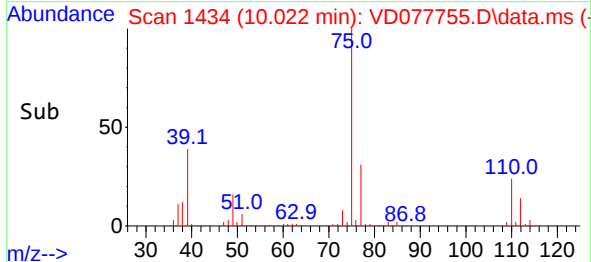
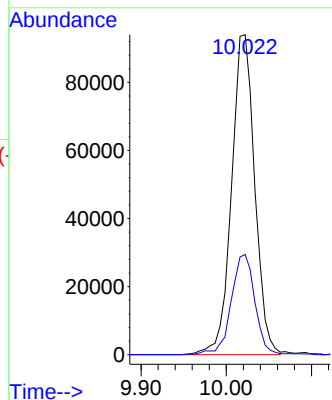
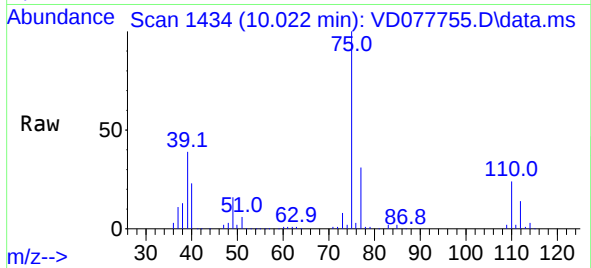




#39
cis-1,3-Dichloropropene
Concen: 23.158 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

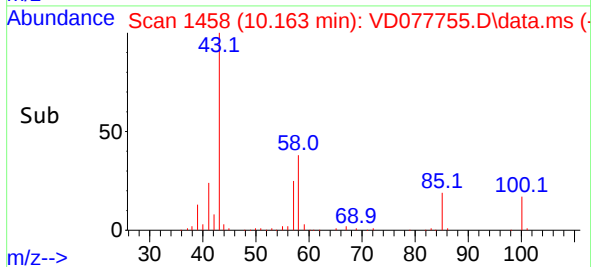
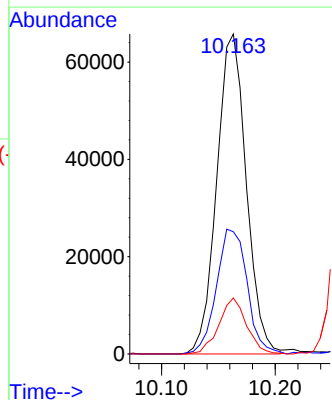
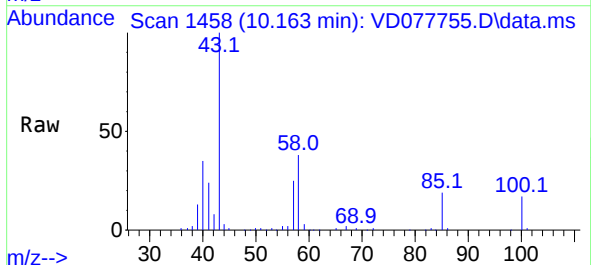
Instrument :
MSVOA_D
ClientSampleId :

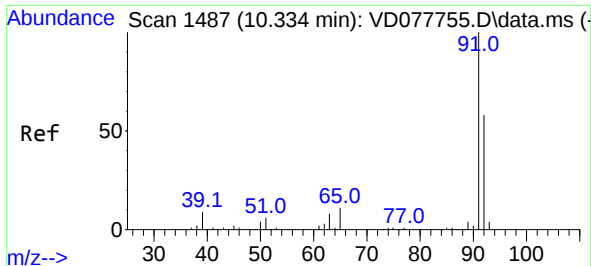
Tgt Ion: 75 Resp: 177663
Ion Ratio Lower Upper
75 100
77 31.3 21.2 39.4



#40
4-Methyl-2-pentanone
Concen: 43.772 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion: 43 Resp: 118665
Ion Ratio Lower Upper
43 100
58 40.5 31.0 46.4
100 16.4 11.9 17.9

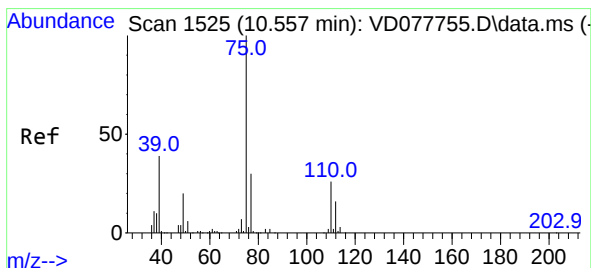
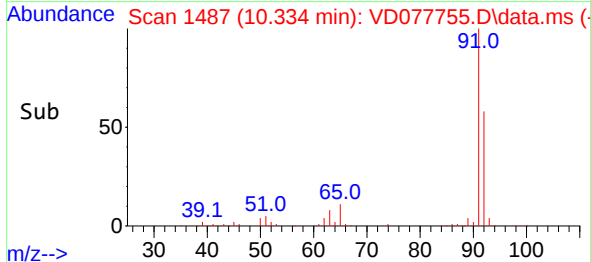
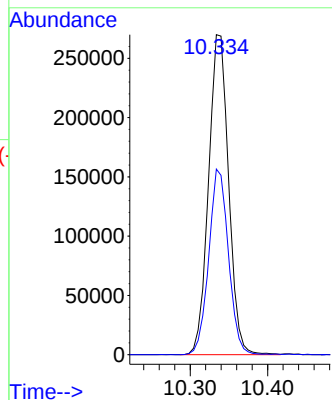
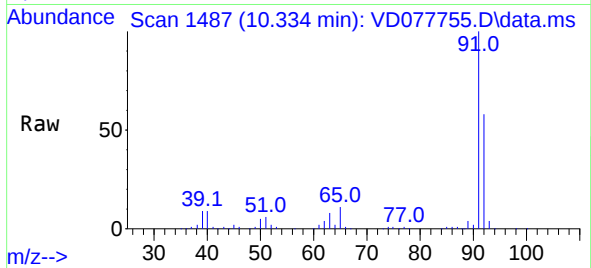




#42
Toluene
Concen: 24.303 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

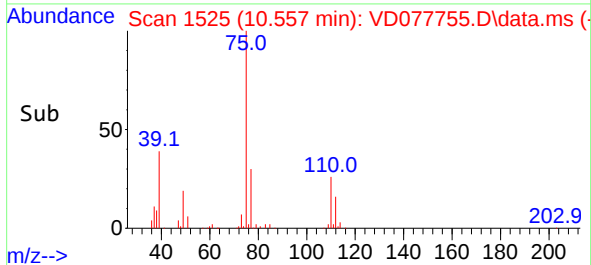
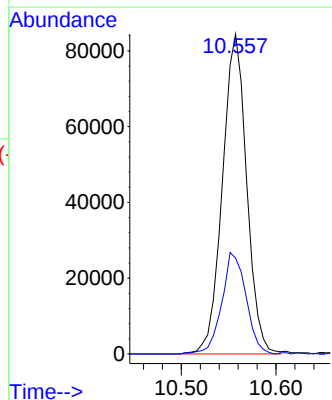
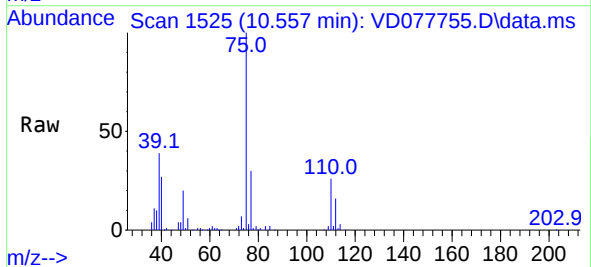
Instrument :
MSVOA_D
ClientSampleId :

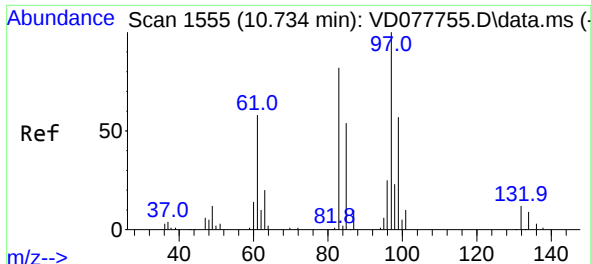
Tgt Ion: 91 Resp: 486382
Ion Ratio Lower Upper
91 100
92 58.0 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 23.442 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion: 75 Resp: 150213
Ion Ratio Lower Upper
75 100
77 30.0 22.0 40.8



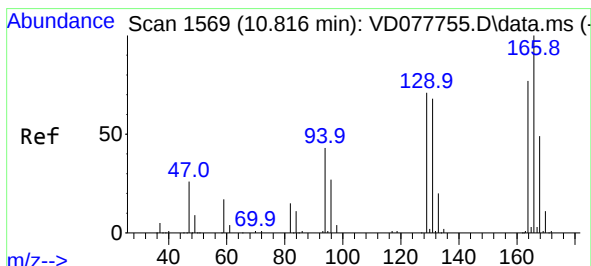
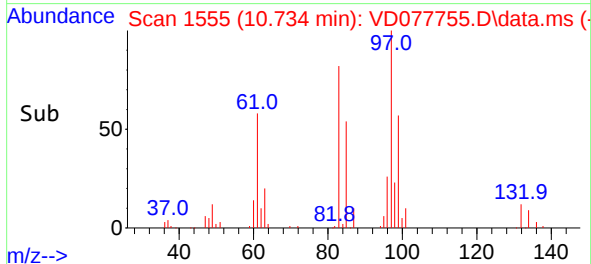
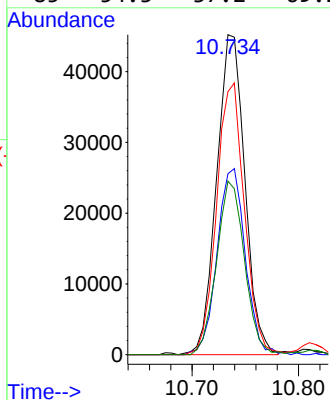
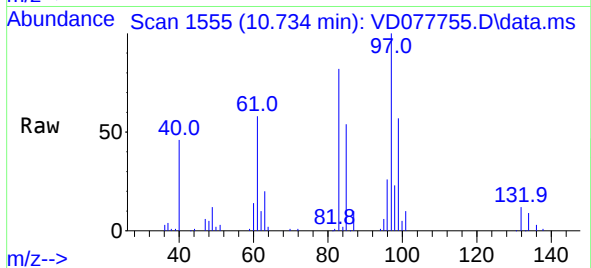


#45
1,1,2-Trichloroethane
Concen: 25.192 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 83119

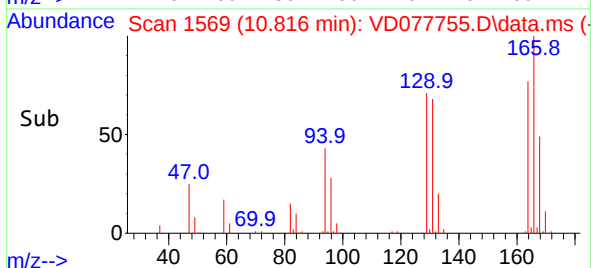
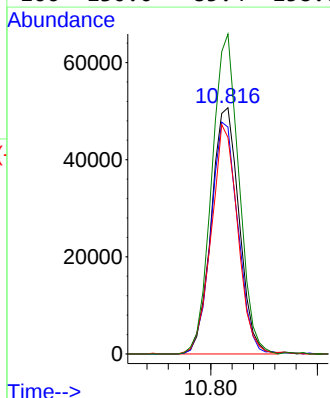
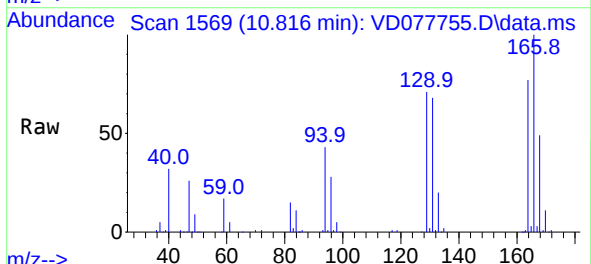
Ion	Ratio	Lower	Upper
97	100		
99	56.6	41.7	77.5
83	82.2	63.6	118.2
85	54.3	37.2	69.2

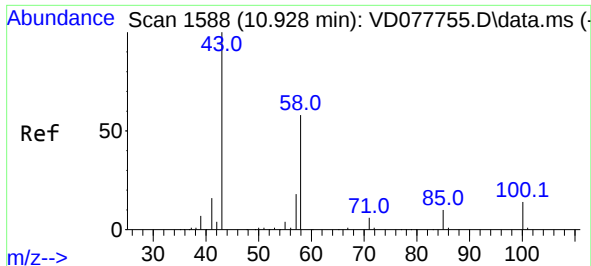


#46
Tetrachloroethene
Concen: 24.378 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion:164 Resp: 91945

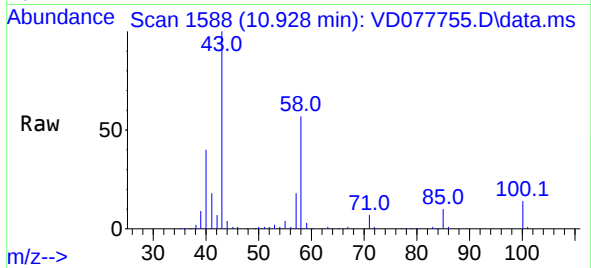
Ion	Ratio	Lower	Upper
164	100		
129	92.2	61.5	114.3
131	87.9	59.1	109.9
166	130.0	85.4	158.6



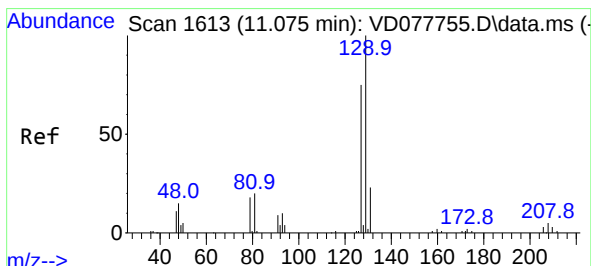
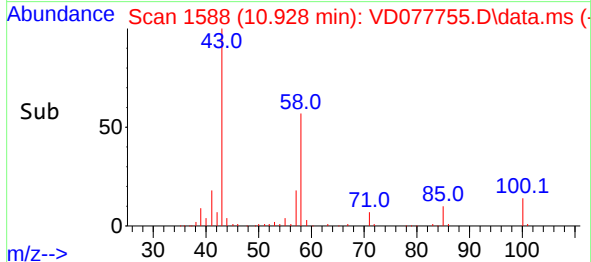
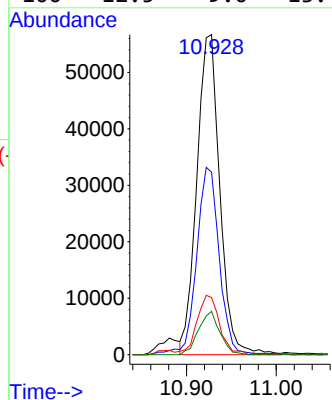


#48
2-Hexanone
Concen: 43.861 ug/L
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Instrument :
MSVOA_D
ClientSampleId :

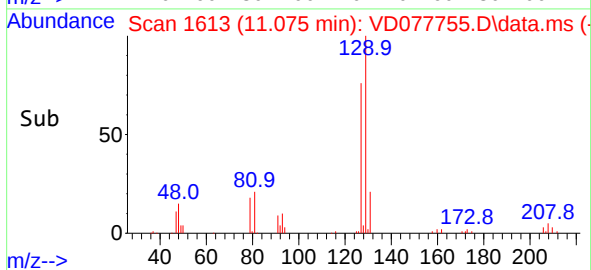
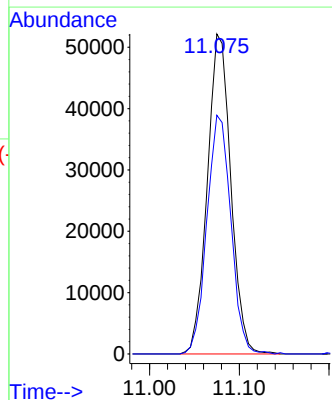
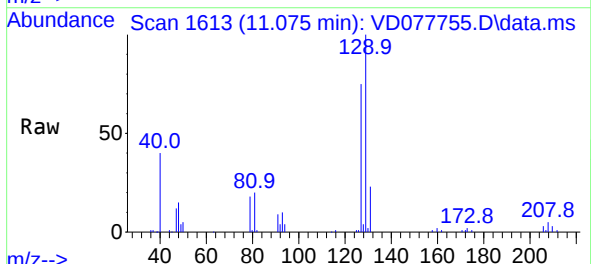


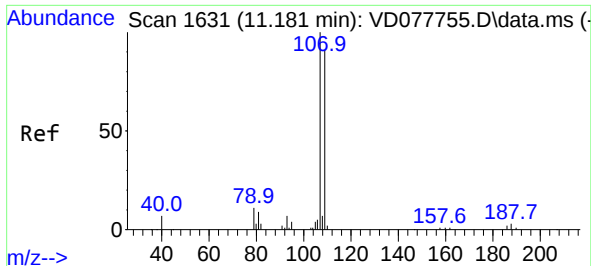
Tgt Ion: 43 Resp: 101068
Ion Ratio Lower Upper
43 100
58 55.9 43.0 64.6
57 17.8 13.8 20.8
100 12.5 9.0 13.4



#49
Dibromochloromethane
Concen: 24.206 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

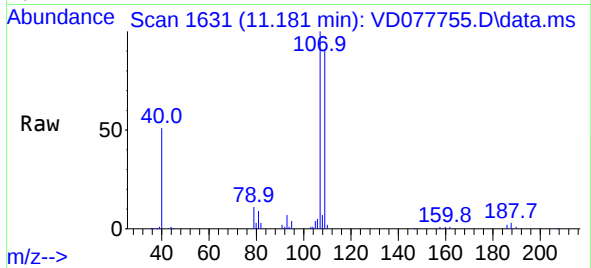
Tgt Ion:129 Resp: 94964
Ion Ratio Lower Upper
129 100
127 74.6 52.8 98.2



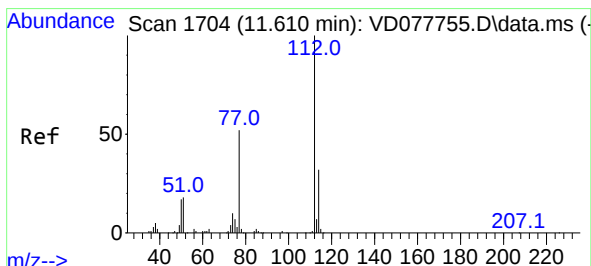
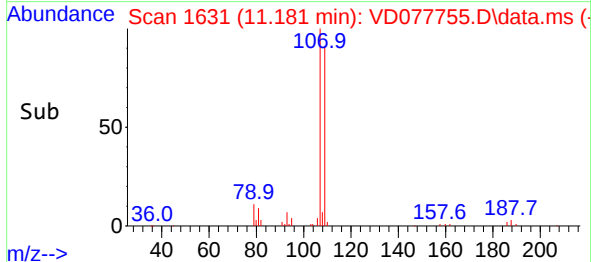
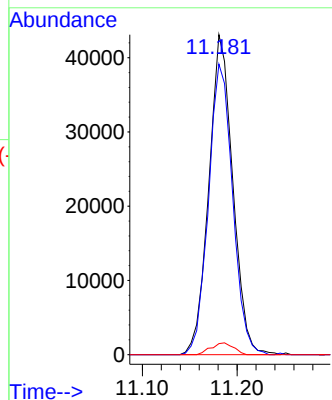


#50
1,2-Dibromoethane
Concen: 23.798 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Instrument :
MSVOA_D
ClientSampleId :

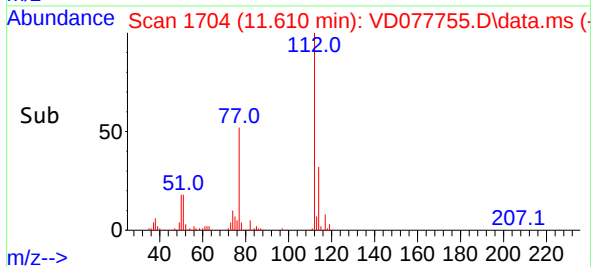
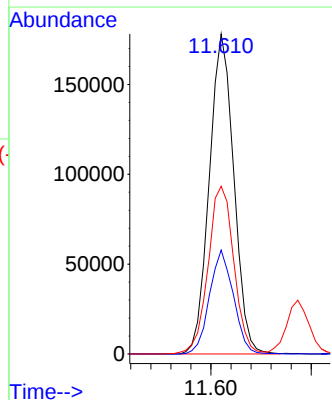
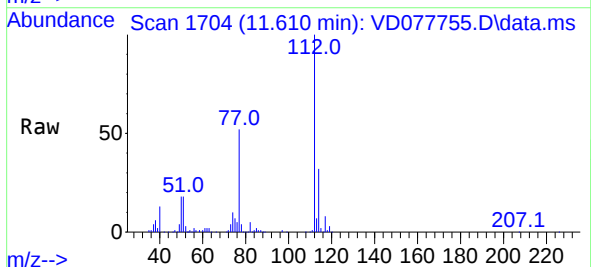


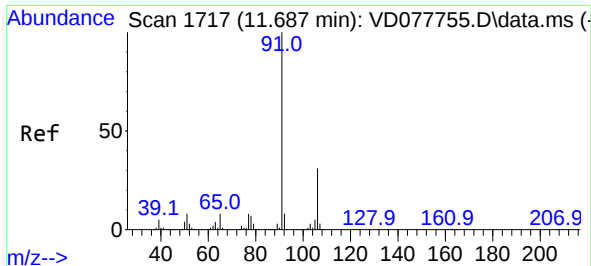
Tgt Ion:107 Resp: 75724
Ion Ratio Lower Upper
107 100
109 90.8 64.2 119.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 24.423 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion:112 Resp: 303094
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.9
77 52.4 46.4 69.6

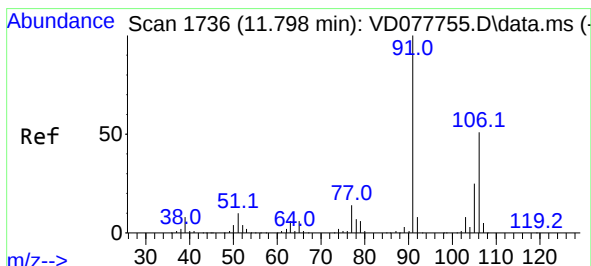
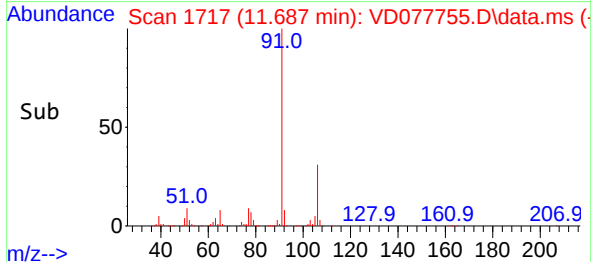
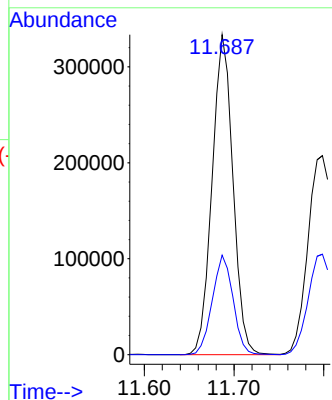
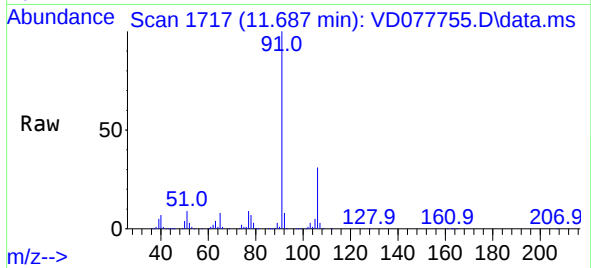




#52
Ethylbenzene
Concen: 24.256 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

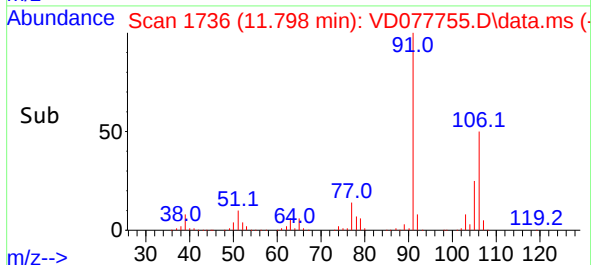
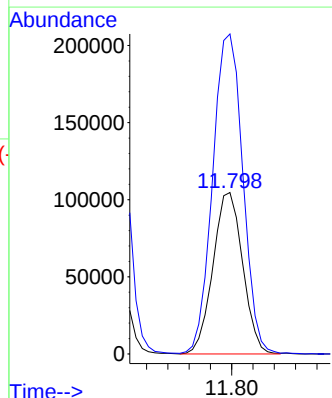
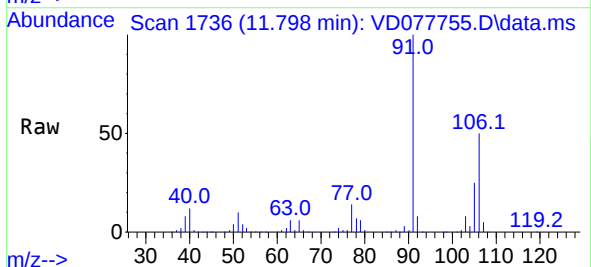
Instrument :
MSVOA_D
ClientSampleId :

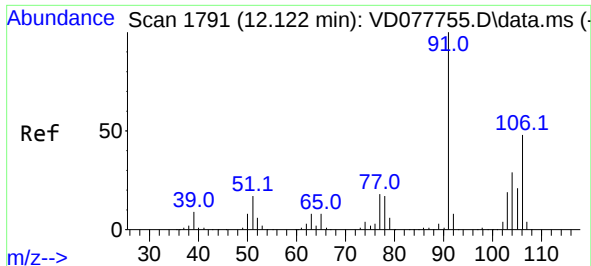
Tgt Ion: 91 Resp: 538136
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 24.200 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion: 106 Resp: 202871
Ion Ratio Lower Upper
106 100
91 198.1 140.8 261.6

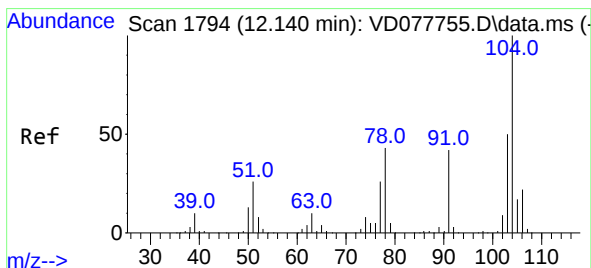
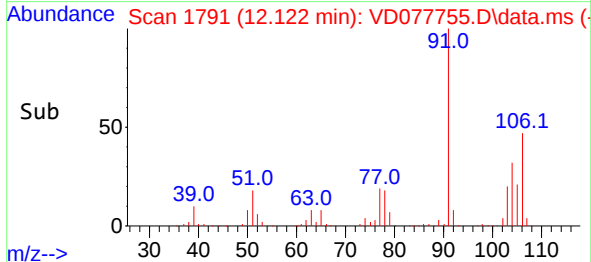
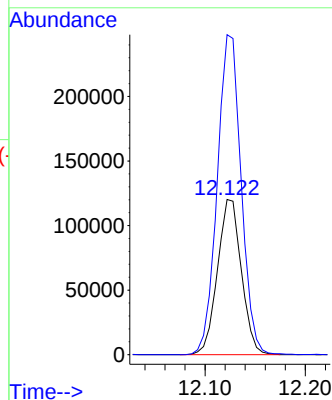
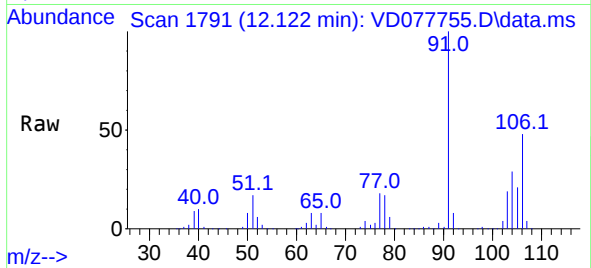




#54
o-Xylene
Concen: 24.763 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

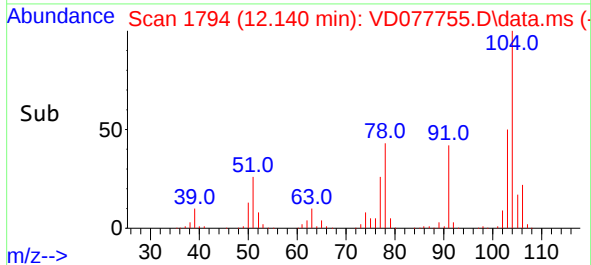
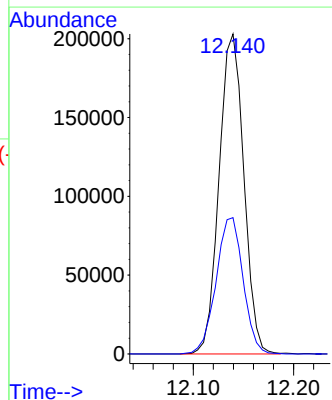
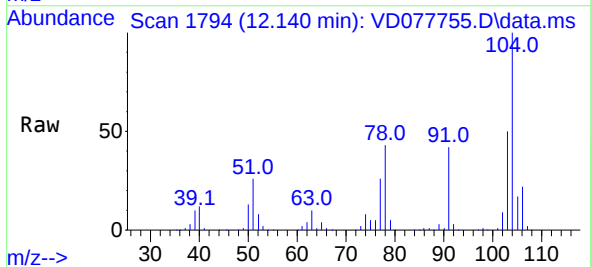
Instrument :
MSVOA_D
ClientSampleId :

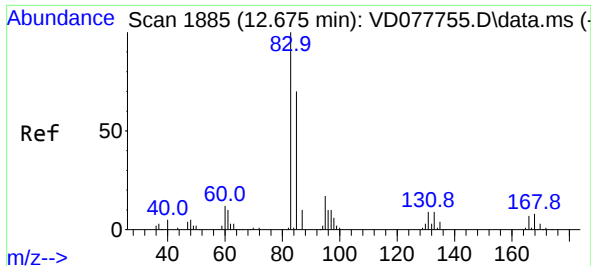
Tgt Ion:106 Resp: 198667
Ion Ratio Lower Upper
106 100
91 206.3 152.2 282.7



#55
Styrene
Concen: 24.743 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion:104 Resp: 347356
Ion Ratio Lower Upper
104 100
78 42.6 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.949 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077755.D

Acq: 06 Dec 2023 09:34

Instrument :

MSVOA_D

ClientSampleId :

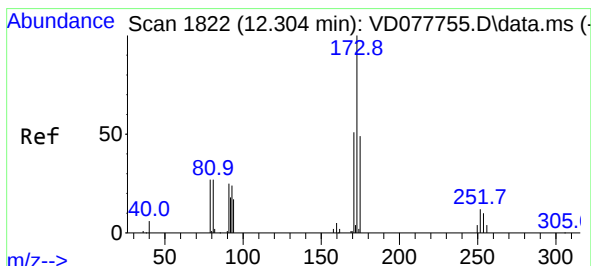
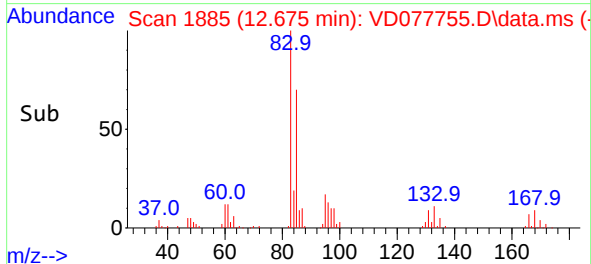
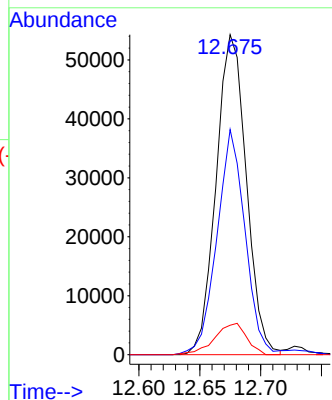
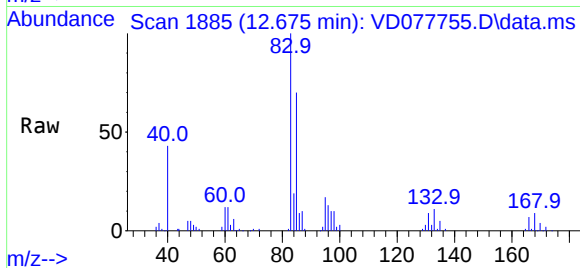
Tgt Ion: 83 Resp: 93628

Ion Ratio Lower Upper

83 100

85 70.4 43.3 80.5

131 9.2 7.3 10.9



#59

Bromoform

Concen: 24.242 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VD077755.D

Acq: 06 Dec 2023 09:34

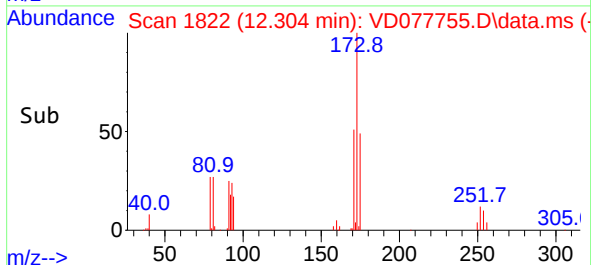
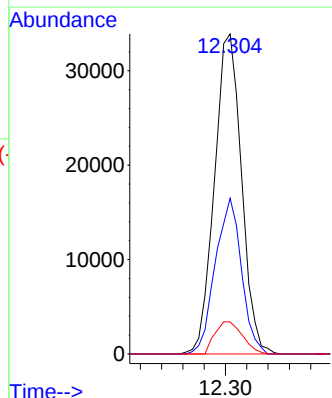
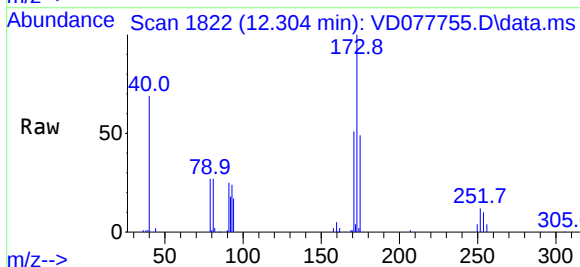
Tgt Ion:173 Resp: 59707

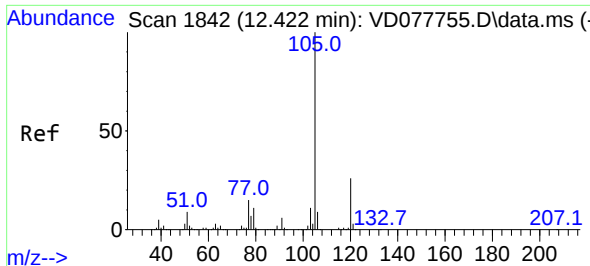
Ion Ratio Lower Upper

173 100

175 47.1 38.7 58.1

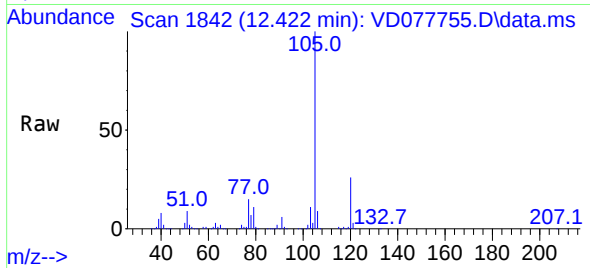
254 10.3 1.8 2.8#



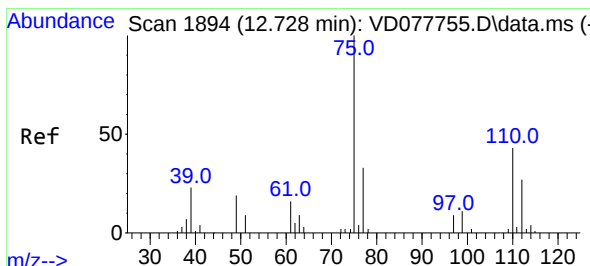
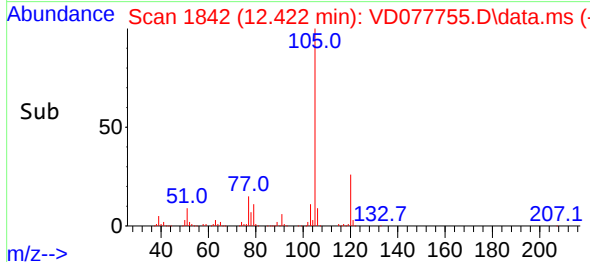
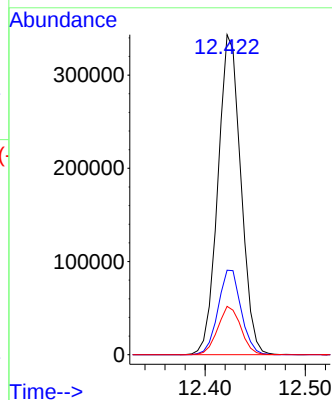


#60
Isopropylbenzene
Concen: 24.493 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Instrument :
MSVOA_D
ClientSampleId :

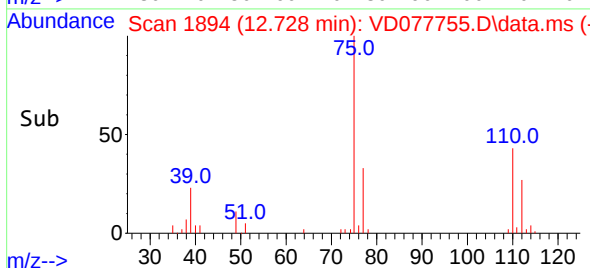
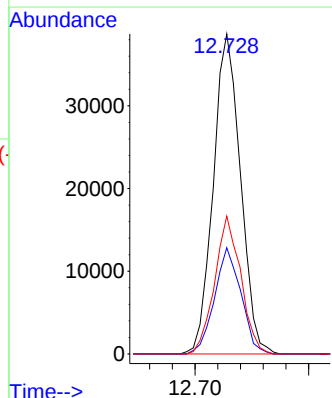
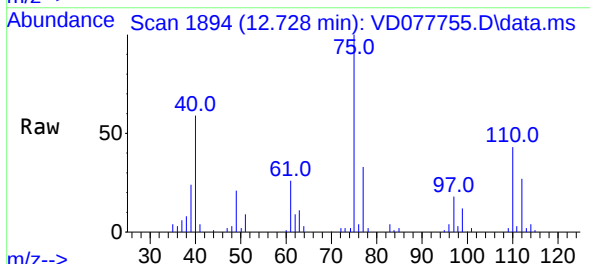


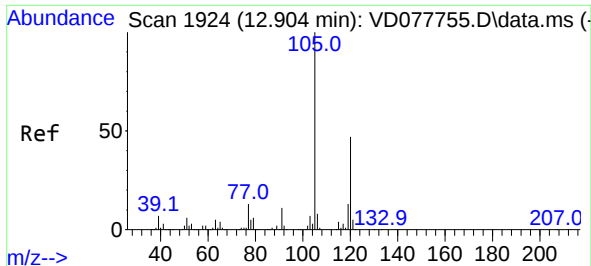
Tgt Ion:105 Resp: 544171
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 23.481 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion: 75 Resp: 64294
Ion Ratio Lower Upper
75 100
77 32.2 26.8 40.2
110 41.4 33.4 50.2

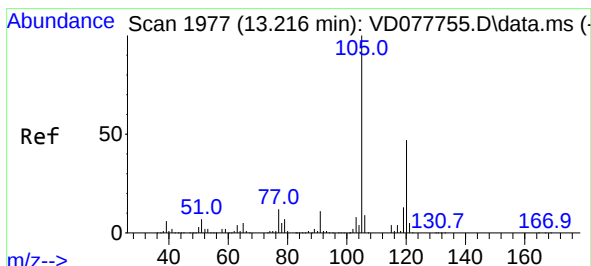
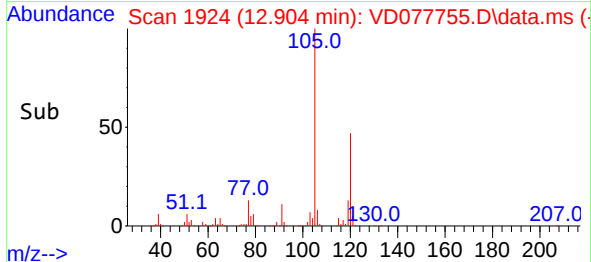
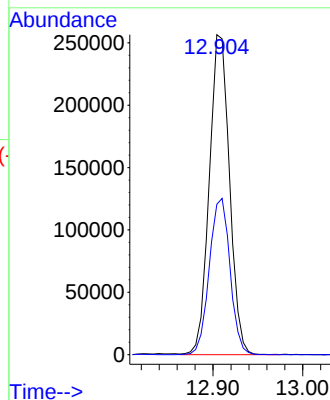
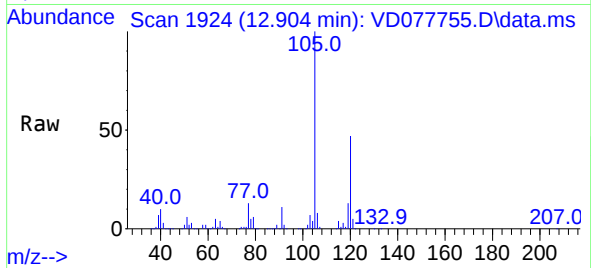




#62
1,3,5-Trimethylbenzene
Concen: 24.080 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

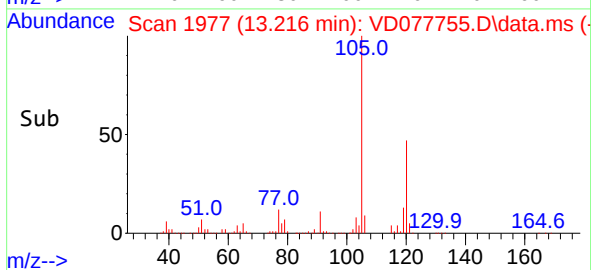
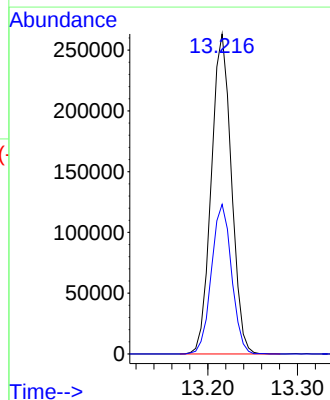
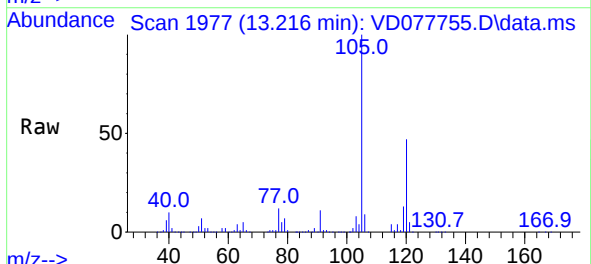
Instrument :
MSVOA_D
ClientSampleId :

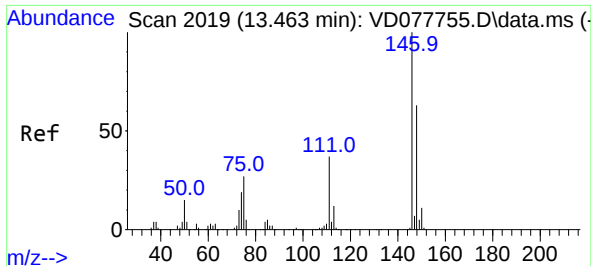
Tgt Ion:105 Resp: 401831
Ion Ratio Lower Upper
105 100
120 50.0 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 24.212 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion:105 Resp: 409664
Ion Ratio Lower Upper
105 100
120 46.7 37.1 55.7

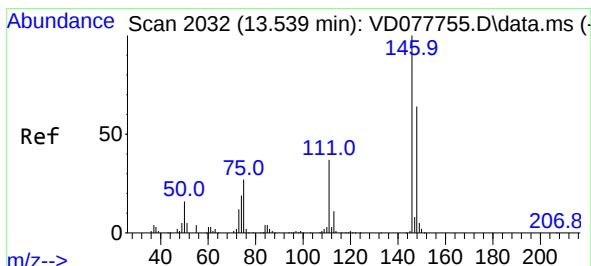
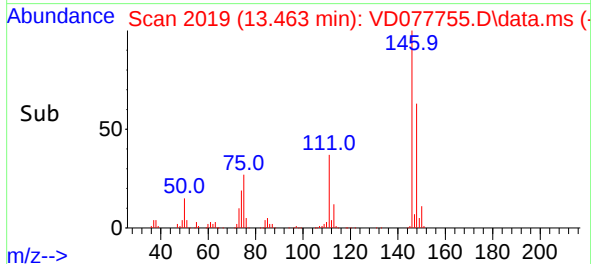
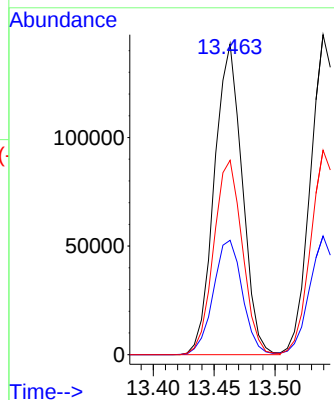
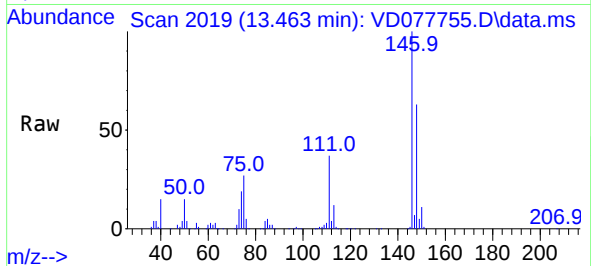




#64
1,3-Dichlorobenzene
Concen: 23.789 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

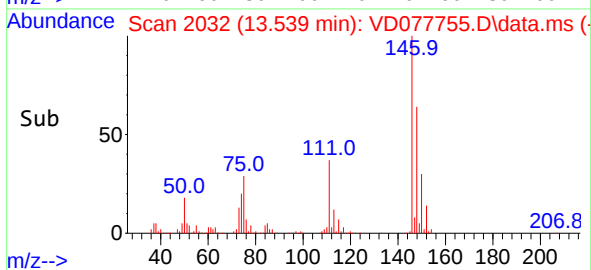
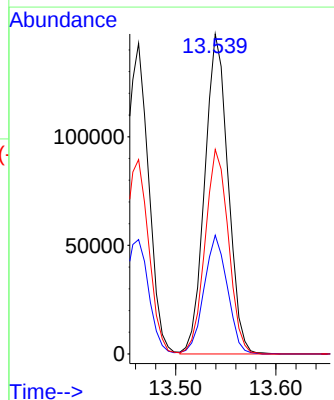
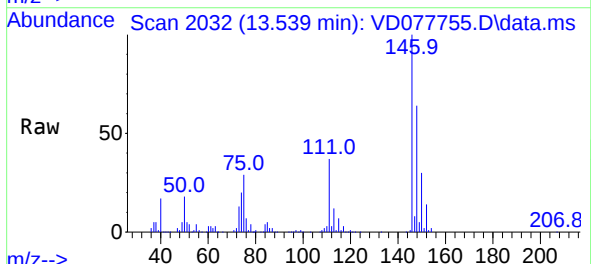
Instrument :
MSVOA_D
ClientSampleId :

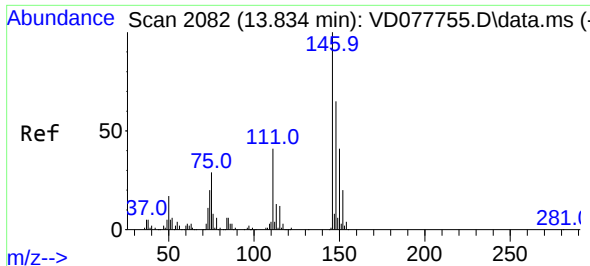
Tgt Ion:146 Resp: 228584
Ion Ratio Lower Upper
146 100
111 36.8 26.6 49.4
148 62.6 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 23.872 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion:146 Resp: 238016
Ion Ratio Lower Upper
146 100
111 37.1 26.4 49.0
148 63.9 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 24.136 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077755.D

Acq: 06 Dec 2023 09:34

Instrument :

MSVOA_D

ClientSampleId :

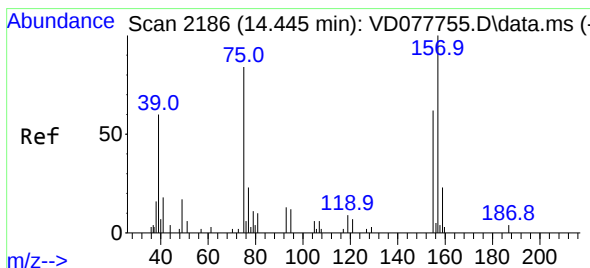
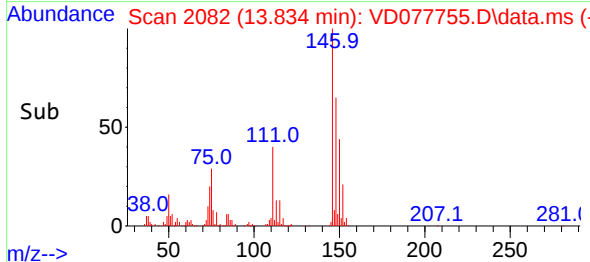
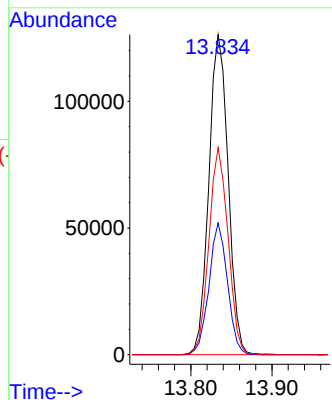
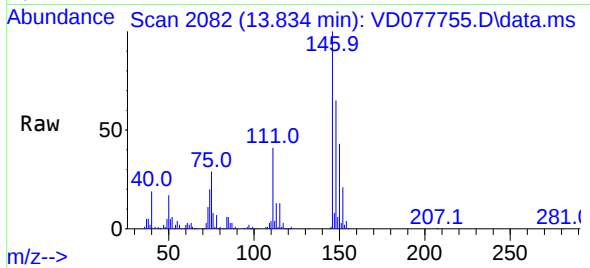
Tgt Ion:146 Resp: 208690

Ion Ratio Lower Upper

146 100

111 41.1 31.4 47.2

148 64.7 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.887 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077755.D

Acq: 06 Dec 2023 09:34

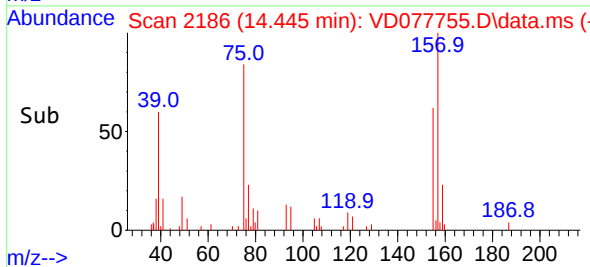
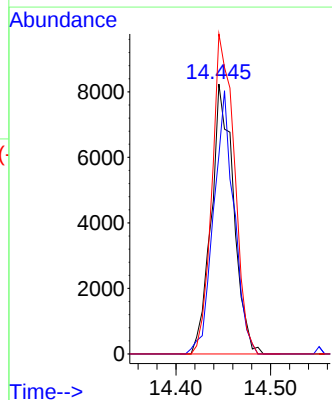
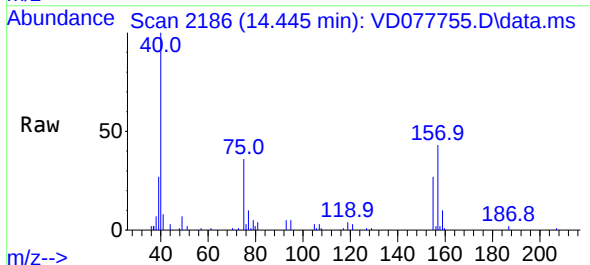
Tgt Ion: 75 Resp: 13485

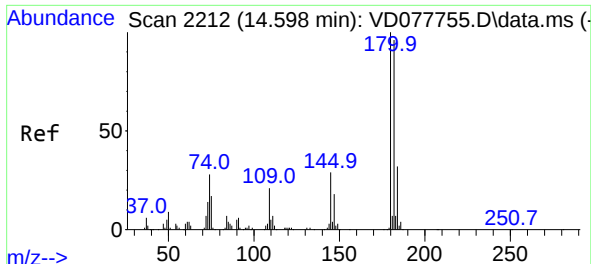
Ion Ratio Lower Upper

75 100

155 73.7 69.2 103.8

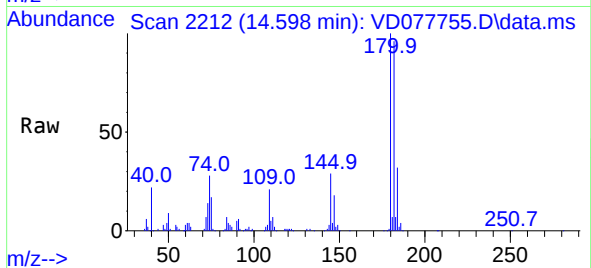
157 118.6 86.6 130.0





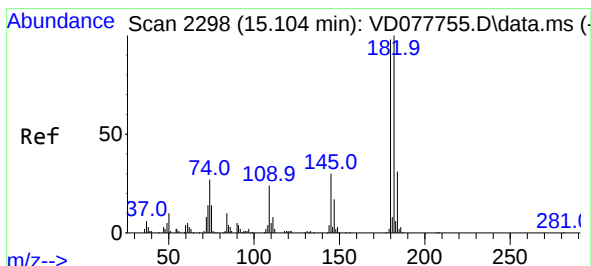
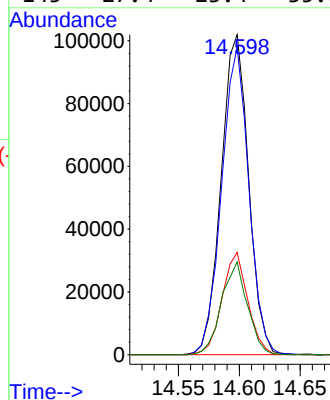
#69
 1,3,5-Trichlorobenzene
 Concen: 24.449 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: VD077755.D
 Acq: 06 Dec 2023 09:34

Instrument :
 MSVOA_D
 ClientSampleId :

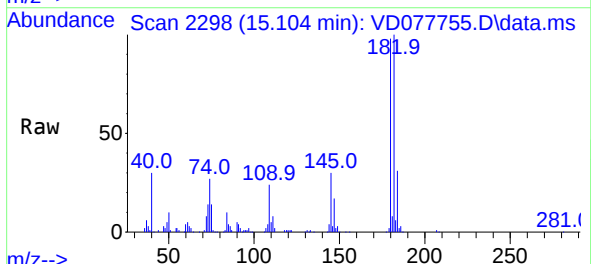


Tgt Ion:180 Resp: 159966

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.4
184	30.0	24.3	36.5
145	27.4	23.4	35.0

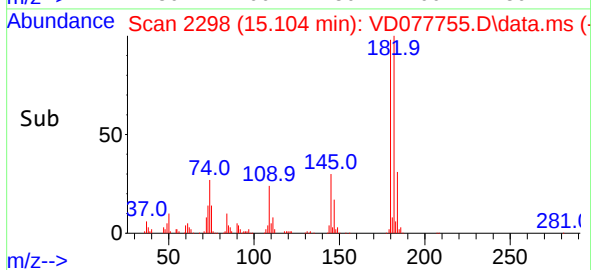
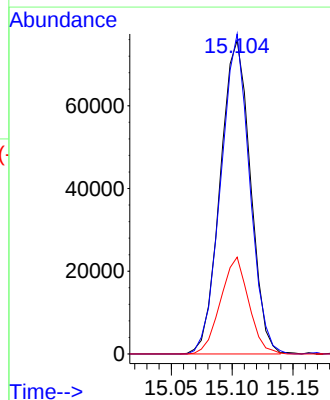


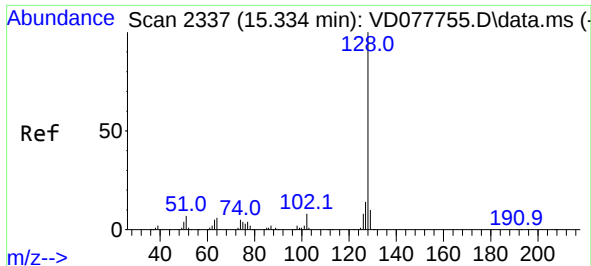
#70
 1,2,4-trichlorobenzene
 Concen: 23.448 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD077755.D
 Acq: 06 Dec 2023 09:34



Tgt Ion:180 Resp: 130244

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.0	115.6
145	28.8	23.9	35.9

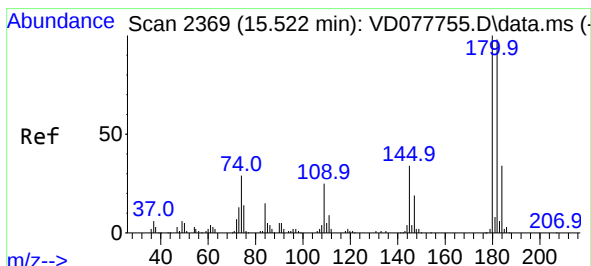
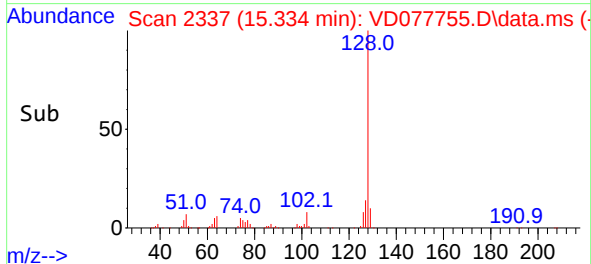
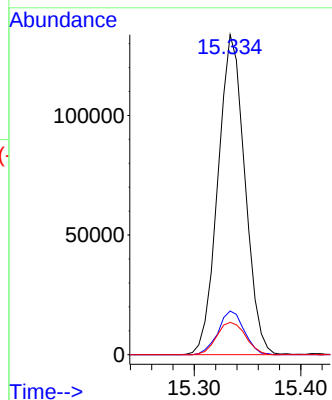
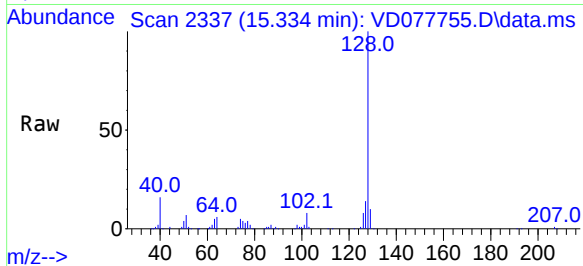




#71
Naphthalene
Concen: 23.137 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 234947
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.773 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077755.D
Acq: 06 Dec 2023 09:34

Tgt Ion:180 Resp: 115760
Ion Ratio Lower Upper
180 100
182 96.9 77.3 115.9
145 31.1 25.2 37.8

