

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091223\
 Data File : VD077098.D
 Acq On : 12 Sep 2023 17:48
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 01:51:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	288759	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	297528	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	168292	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	153850	21.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
7) Chloroethane-d5	2.793	69	136333	23.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	3.910	65	34392	21.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.120%
21) 2-Butanone-d5	6.987	46	40870	45.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.200%
24) Chloroform-d	7.563	84	185233	23.443	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.760%
26) 1,2-Dichloroethane-d4	8.228	65	87376	23.332	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.320%
32) Benzene-d6	8.198	84	363318	22.109	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	9.210	67	106232	22.542	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.160%
41) Toluene-d8	10.269	98	334761	22.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.522	79	43591	20.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.200%
47) 2-Hexanone-d5	10.875	63	32442	43.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.200%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	98057	23.340	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	115485	21.379	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	88777	23.974	ug/L	100
3) Chloromethane	2.146	50	150564	23.960	ug/L	97
5) Vinyl chloride	2.275	62	174692	23.699	ug/L	97
6) Bromomethane	2.687	94	106476	20.678	ug/L	98
8) Chloroethane	2.828	64	119985	24.803	ug/L	99
9) Trichlorofluoromethane	3.169	101	161248	23.134	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	109466	25.675	ug/L	98
12) 1,1-Dichloroethene	3.934	96	87971	22.687	ug/L	91
13) Acetone	4.016	43	39211	30.494	ug/L	98
14) Carbon disulfide	4.263	76	286459	22.821	ug/L	98
15) Methyl Acetate	4.557	43	39767	23.121	ug/L	# 77
16) Methylene chloride	4.793	84	153282	26.082	ug/L	97
17) trans-1,2-Dichloroethene	5.304	96	98767	23.394	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	215696	23.657	ug/L	99
19) 1,1-Dichloroethane	6.104	63	172259	24.198	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	114462	23.681	ug/L	96
22) 2-Butanone	7.087	43	53935	34.768	ug/L	100
23) Bromochloromethane	7.422	128	55368	24.003	ug/L	91
25) Chloroform	7.592	83	193119	24.296	ug/L	100

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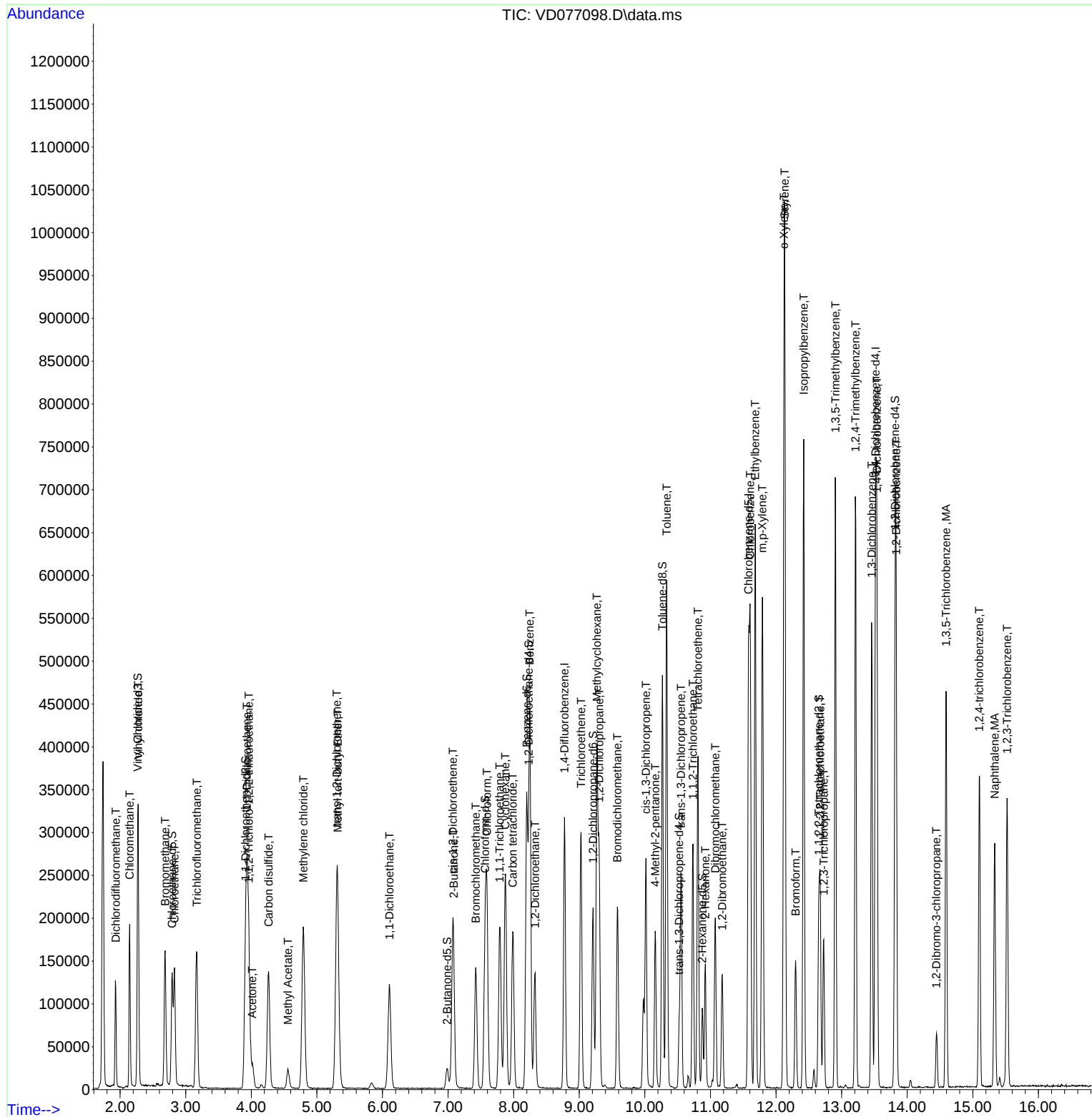
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	117341	24.648	ug/L	98
29) Cyclohexane	7.875	56	129712	23.183	ug/L	100
30) 1,1,1-Trichloroethane	7.787	97	164915	23.711	ug/L	99
31) Carbon tetrachloride	7.987	117	140204	23.830	ug/L	99
33) Benzene	8.245	78	417658	23.368	ug/L	100
34) Trichloroethene	9.028	95	106829	22.542	ug/L	98
35) Methylcyclohexane	9.269	83	169692	23.218	ug/L	98
37) 1,2-Dichloropropane	9.304	63	106889	23.711	ug/L	100
38) Bromodichloromethane	9.581	83	147433	23.706	ug/L	90
39) cis-1,3-Dichloropropene	10.016	75	163962	22.877	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	119413	48.197	ug/L	97
42) Toluene	10.333	91	459943	23.758	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	142877	23.317	ug/L	100
45) 1,1,2-Trichloroethane	10.733	97	91553	23.999	ug/L	94
46) Tetrachloroethene	10.810	164	90353	23.321	ug/L	92
48) 2-Hexanone	10.922	43	86816	45.438	ug/L	96
49) Dibromochloromethane	11.075	129	108097	24.261	ug/L	93
50) 1,2-Dibromoethane	11.181	107	88453	23.471	ug/L	96
51) Chlorobenzene	11.604	112	302137	23.341	ug/L	99
52) Ethylbenzene	11.680	91	489510	23.365	ug/L	100
53) m,p-Xylene	11.792	106	193077	23.867	ug/L	100
54) o-Xylene	12.122	106	183388	23.485	ug/L	95
55) Styrene	12.133	104	348762	24.992	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	110270	24.577	ug/L	98
59) Bromoform	12.298	173	70084	23.090	ug/L	99
60) Isopropylbenzene	12.422	105	491495	22.659	ug/L	99
61) 1,2,3-Trichloropropane	12.727	75	73812	22.978	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	377309	22.491	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	378011	22.999	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	233200	22.567	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	245189	22.712	ug/L	96
67) 1,2-Dichlorobenzene	13.833	146	213491	22.462	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	15289	22.758	ug/L	99
69) 1,3,5-Trichlorobenzene	14.592	180	148044	21.739	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	126876	21.768	ug/L	98
71) Naphthalene	15.333	128	257251	22.078	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	121403	22.678	ug/L	98

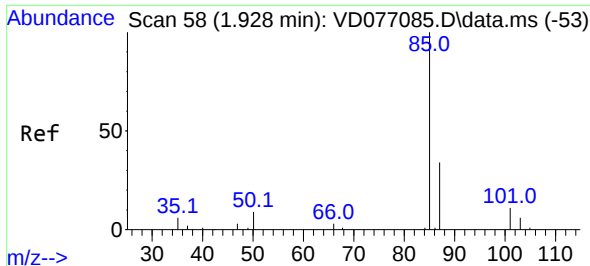
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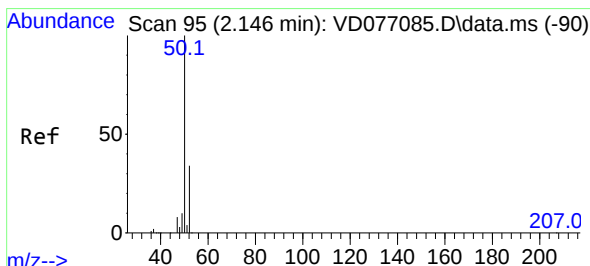
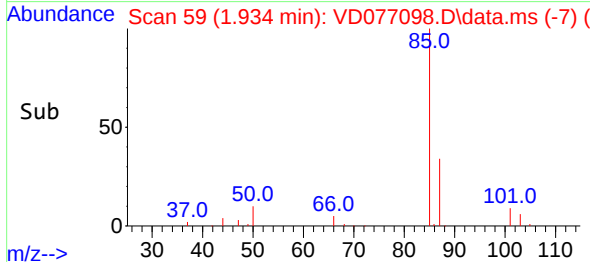
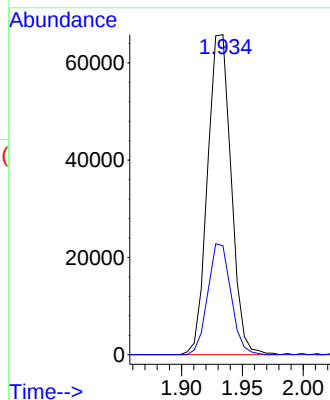
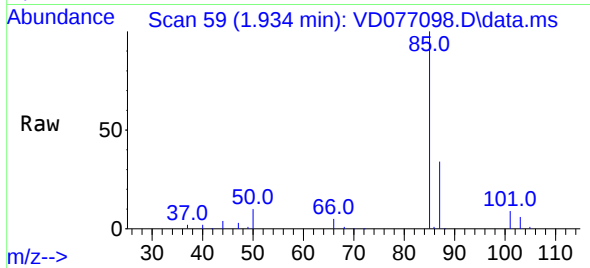




#2
 Dichlorodifluoromethane
 Concen: 23.974 ug/L
 RT: 1.934 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VD077098.D
 Acq: 12 Sep 2023 17:48

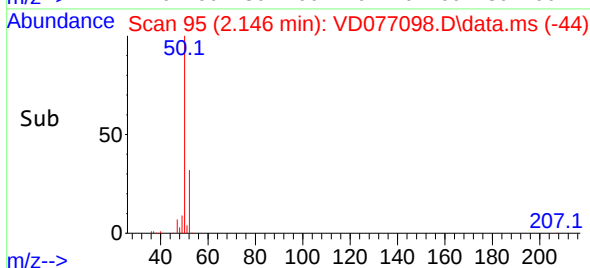
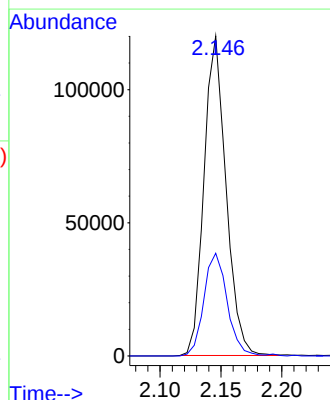
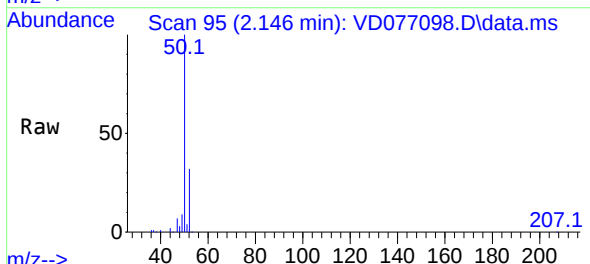
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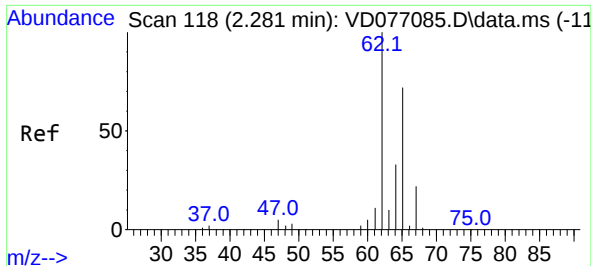
Tgt Ion: 85 Resp: 88777
 Ion Ratio Lower Upper
 85 100
 87 33.9 27.0 40.6



#3
 Chloromethane
 Concen: 23.960 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD077098.D
 Acq: 12 Sep 2023 17:48

Tgt Ion: 50 Resp: 150564
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.5 43.7

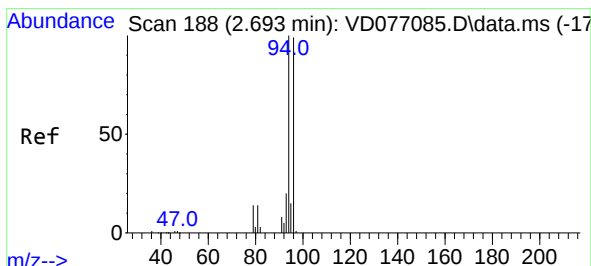
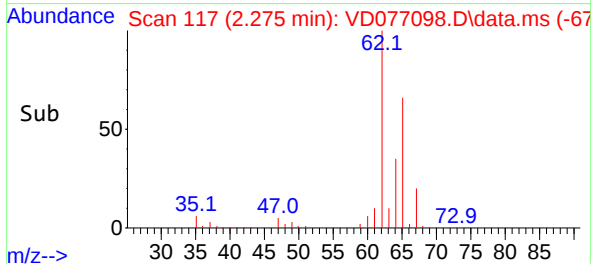
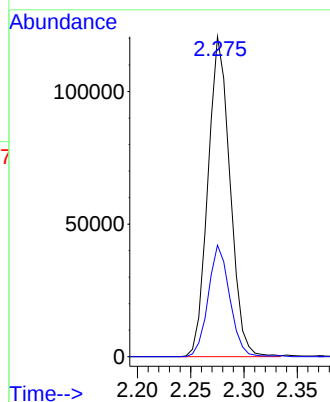
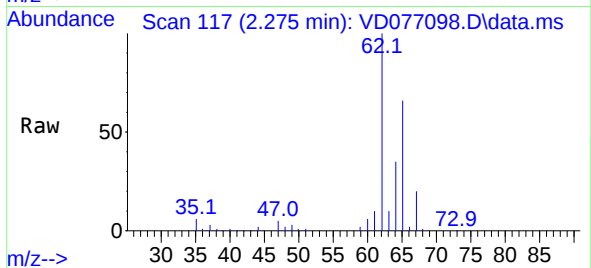




#5
Vinyl chloride
Concen: 23.699 ug/L
RT: 2.275 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

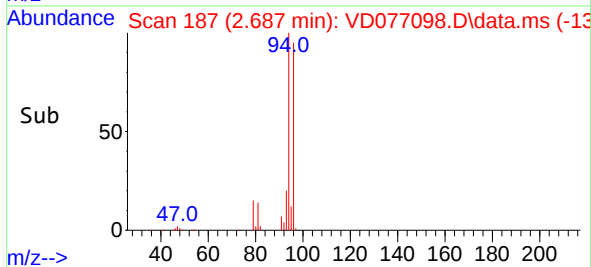
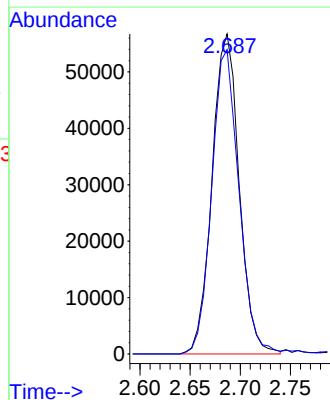
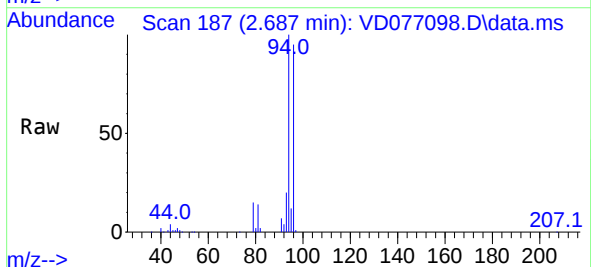
Instrument :
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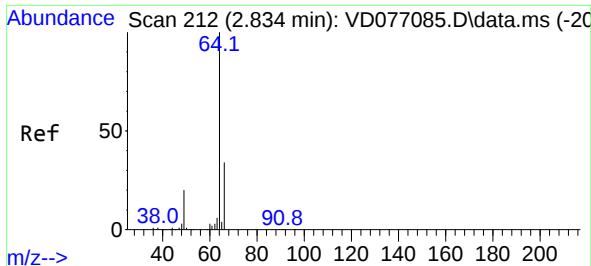
Tgt Ion: 62 Resp: 174692
Ion Ratio Lower Upper
62 100
64 34.8 23.2 43.2



#6
Bromomethane
Concen: 20.678 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

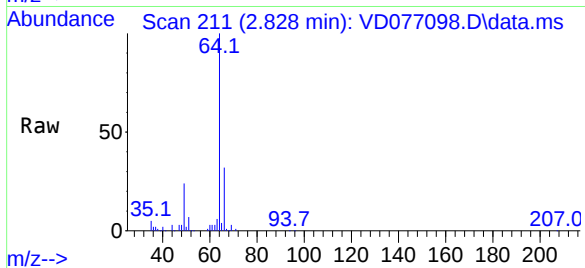
Tgt Ion: 94 Resp: 106476
Ion Ratio Lower Upper
94 100
96 95.1 68.2 126.6



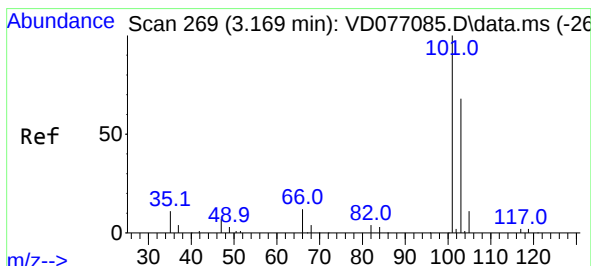
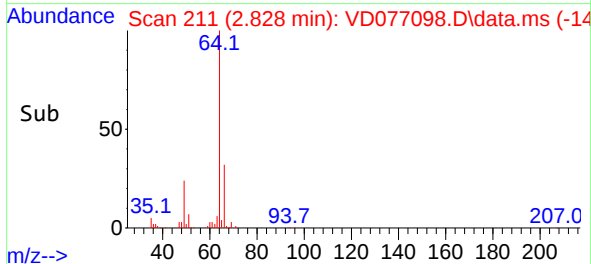
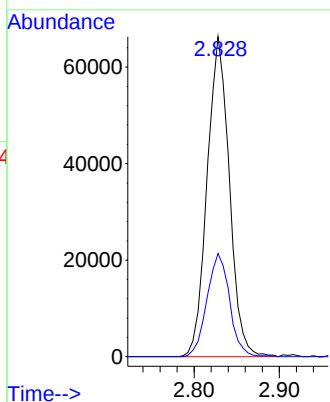


#8
Chloroethane
Concen: 24.803 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :

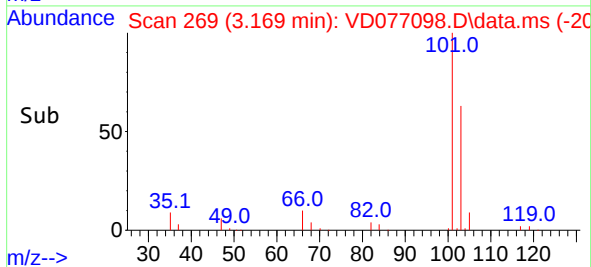
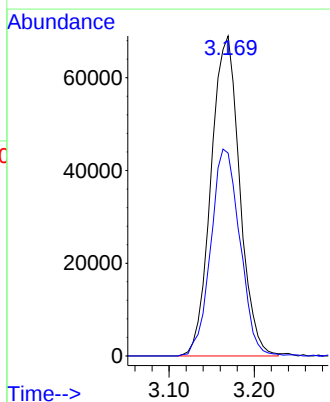
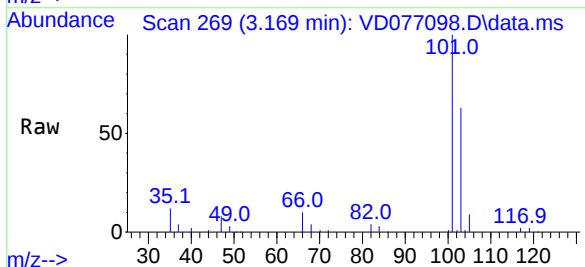


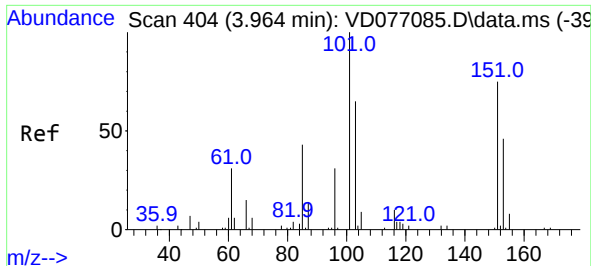
Tgt Ion: 64 Resp: 119985
Ion Ratio Lower Upper
64 100
66 32.2 23.0 42.6



#9
Trichlorofluoromethane
Concen: 23.134 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion: 101 Resp: 161248
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0

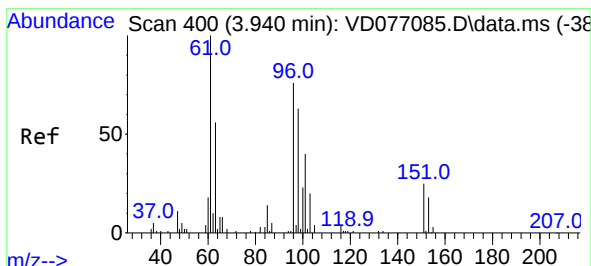
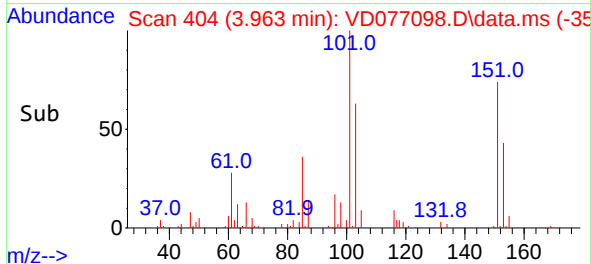
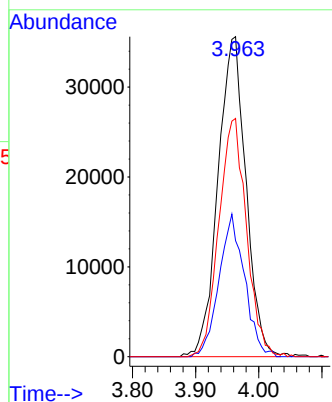
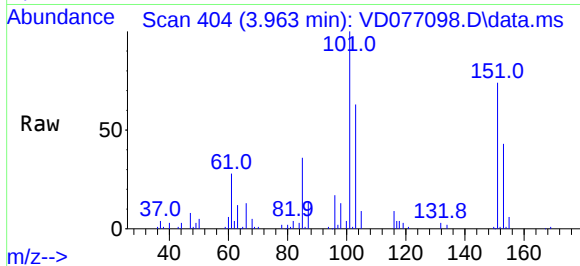




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.675 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD077098.D
 Acq: 12 Sep 2023 17:48

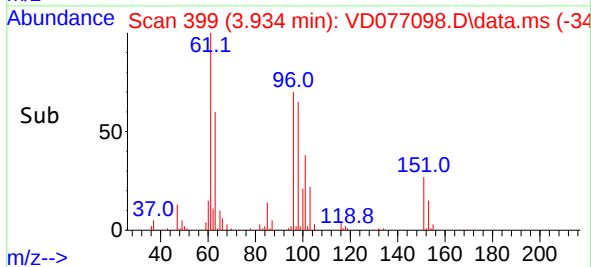
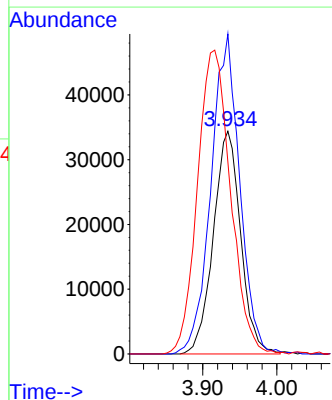
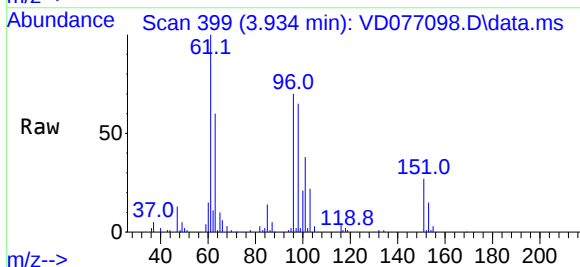
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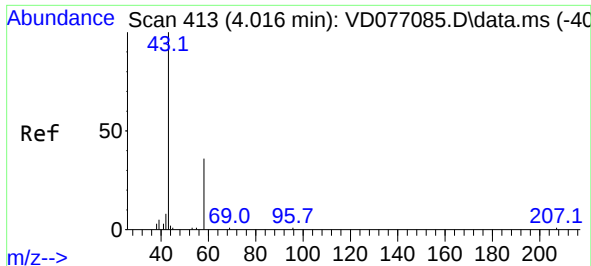
Tgt Ion:101 Resp: 109466
 Ion Ratio Lower Upper
 101 100
 85 40.3 33.4 50.2
 151 73.4 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 22.687 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD077098.D
 Acq: 12 Sep 2023 17:48

Tgt Ion: 96 Resp: 87971
 Ion Ratio Lower Upper
 96 100
 61 143.7 95.5 177.3
 63 86.2 68.6 127.4

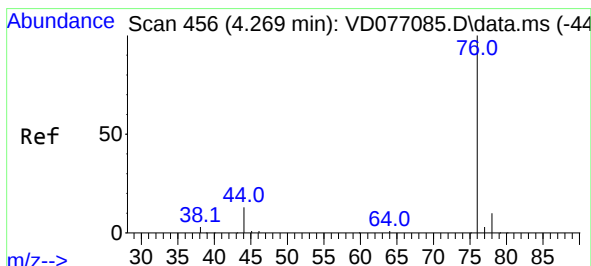
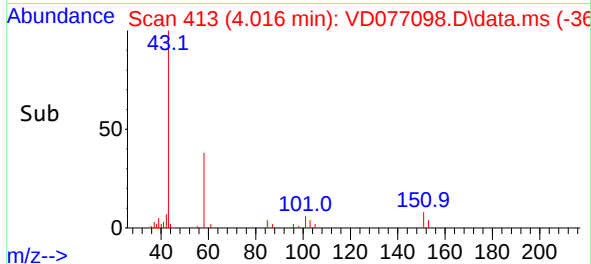
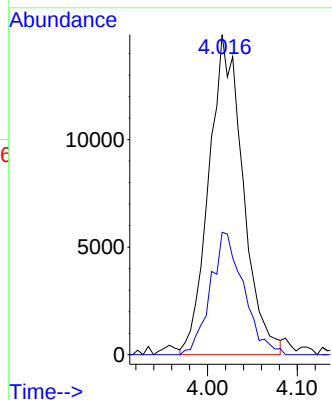
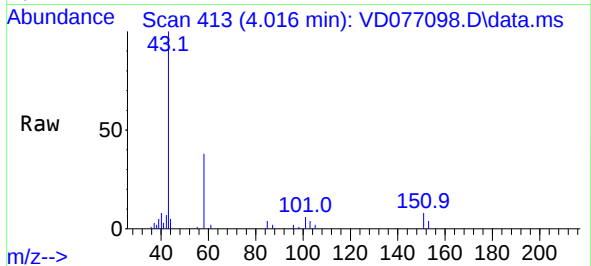




#13
Acetone
Concen: 30.494 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

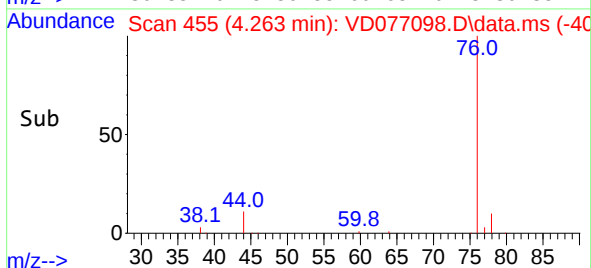
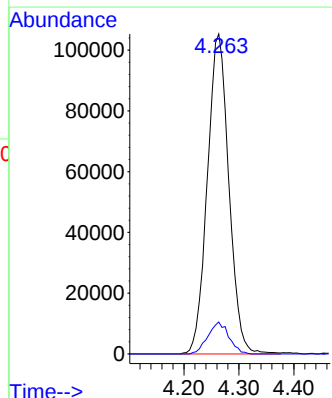
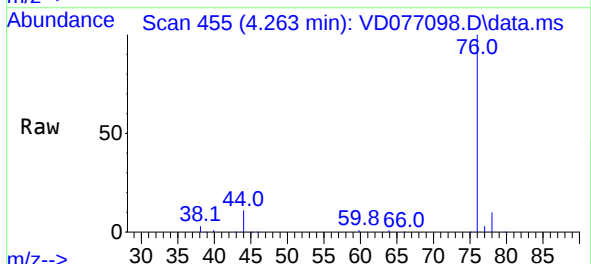
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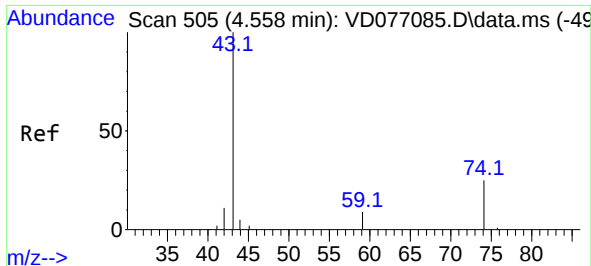
Tgt Ion: 43 Resp: 39211
Ion Ratio Lower Upper
43 100
58 37.4 0.0 71.8



#14
Carbon disulfide
Concen: 22.821 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 286459
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

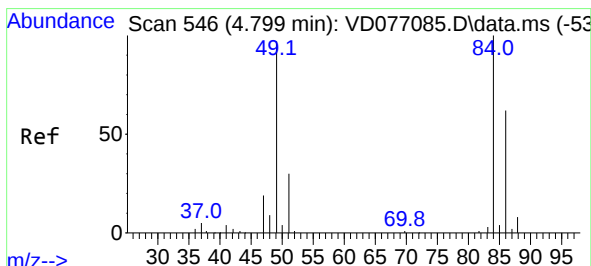
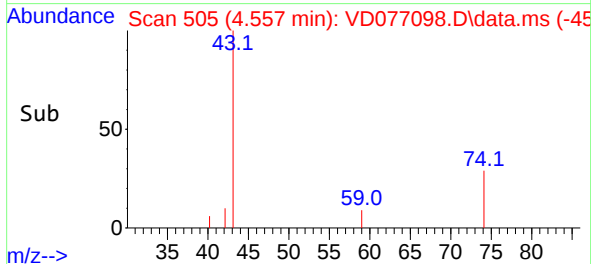
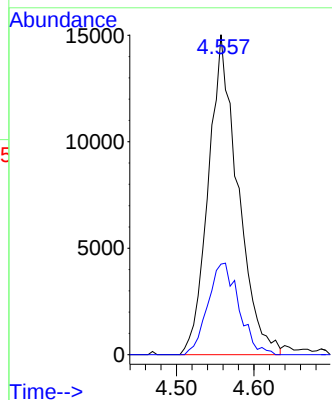
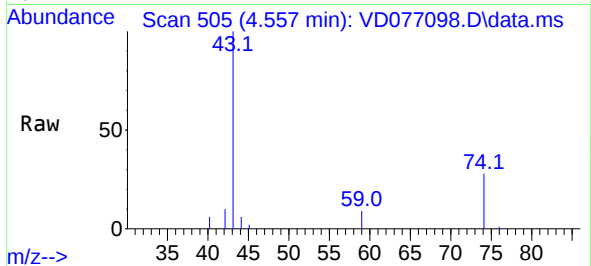




#15
Methyl Acetate
Concen: 23.121 ug/L
RT: 4.557 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

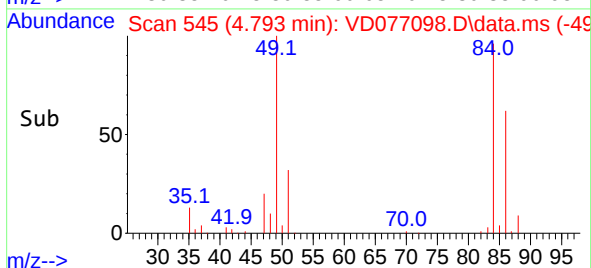
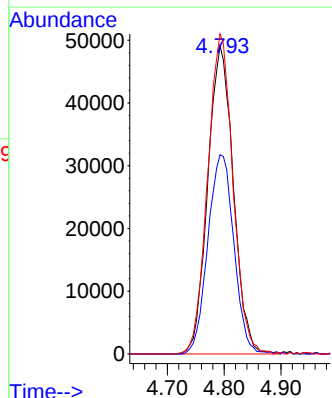
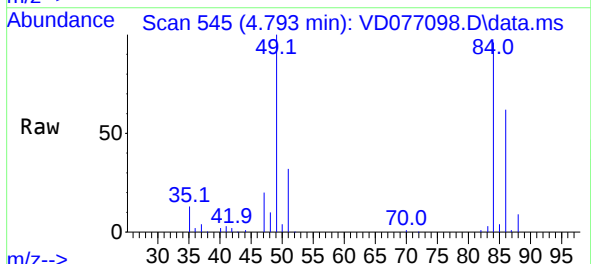
Instrument :
MSVOA_D
ClientSampleId :

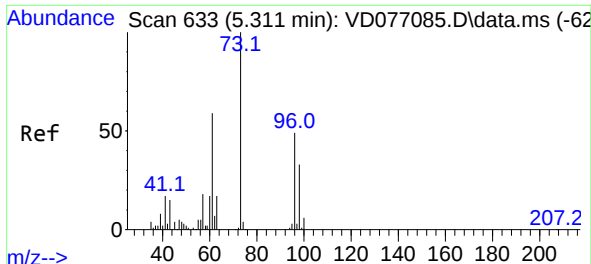
Tgt Ion: 43 Resp: 39767
Ion Ratio Lower Upper
43 100
74 29.5 0.2 0.2#



#16
Methylene chloride
Concen: 26.082 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion: 84 Resp: 153282
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 103.9 69.2 128.6

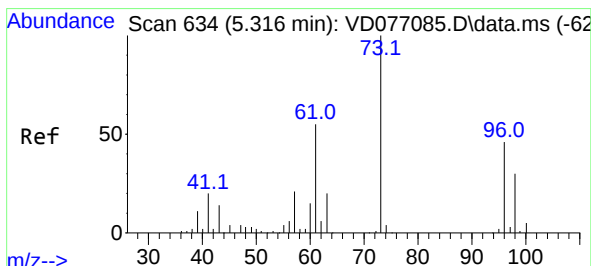
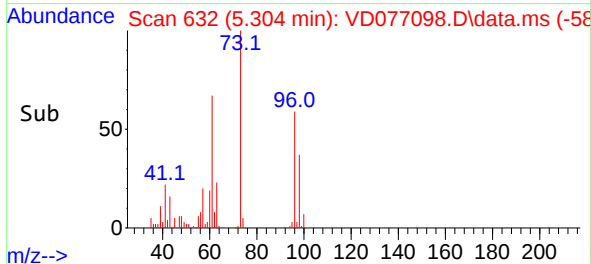
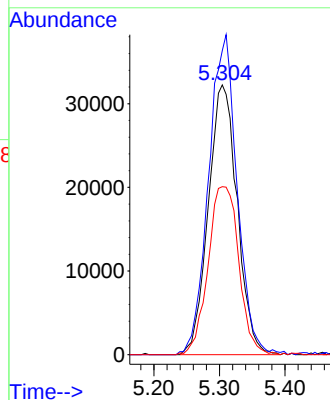
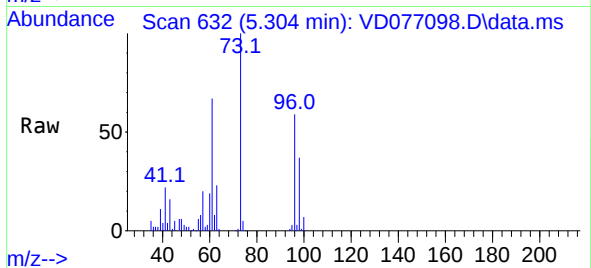




#17
trans-1,2-Dichloroethene
Concen: 23.394 ug/L
RT: 5.304 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

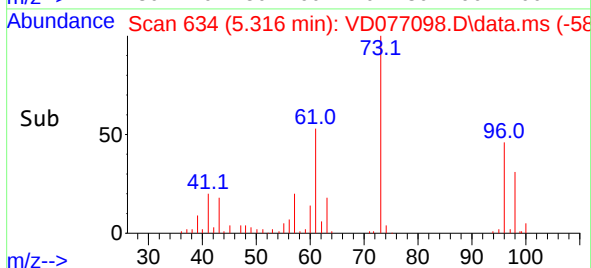
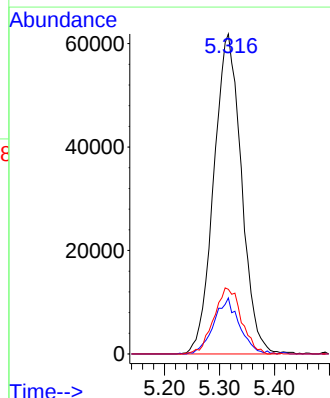
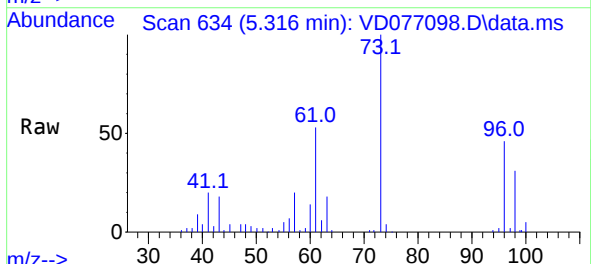
Instrument :
MSVOA_D
ClientSampleId :

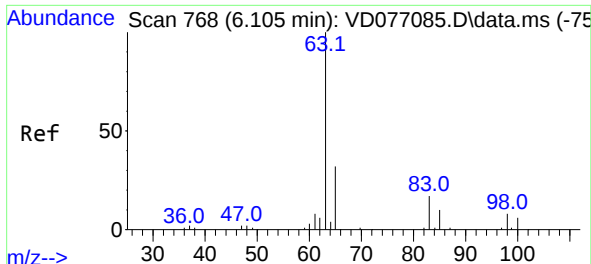
Tgt Ion: 96 Resp: 98767
Ion Ratio Lower Upper
96 100
61 112.7 85.1 158.1
98 62.3 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 23.657 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion: 73 Resp: 215696
Ion Ratio Lower Upper
73 100
43 16.1 12.5 18.7
57 20.7 16.8 25.2

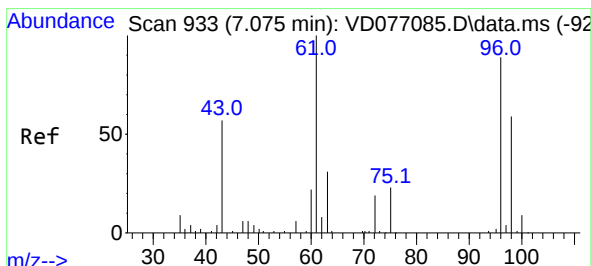
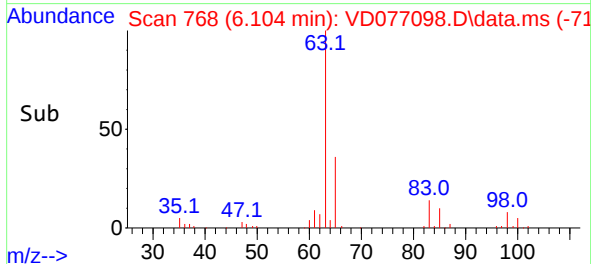
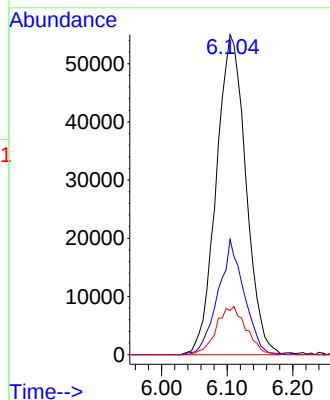
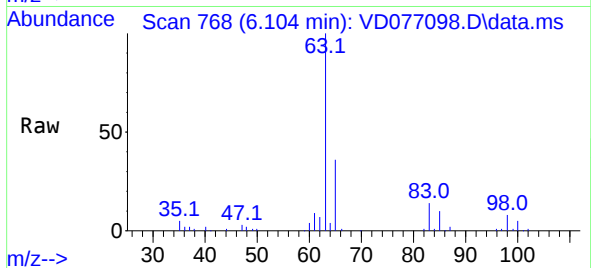




#19
1,1-Dichloroethane
Concen: 24.198 ug/L
RT: 6.104 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

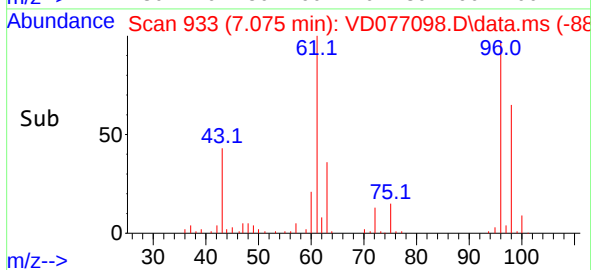
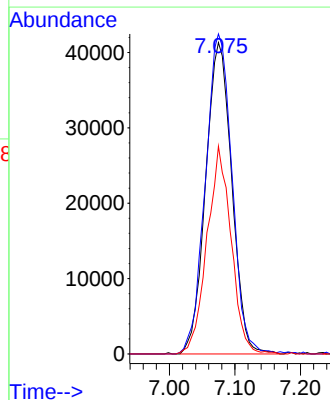
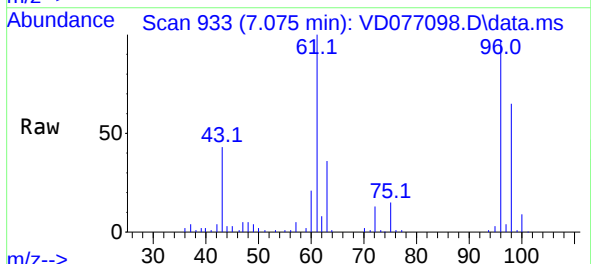
Instrument :
MSVOA_D
ClientSampleId :

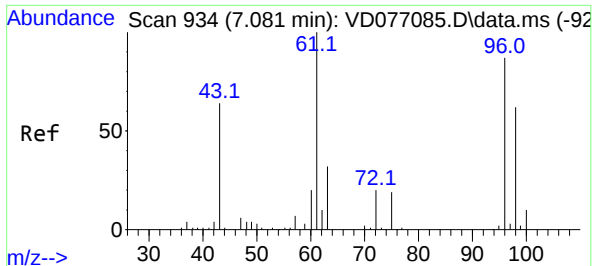
Tgt Ion: 63 Resp: 172259
Ion Ratio Lower Upper
63 100
65 36.0 22.5 41.9
83 13.8 9.9 18.5



#20
cis-1,2-Dichloroethene
Concen: 23.681 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion: 96 Resp: 114462
Ion Ratio Lower Upper
96 100
61 102.7 75.5 140.1
98 66.7 45.8 85.0

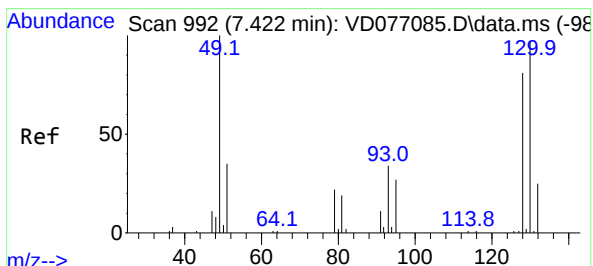
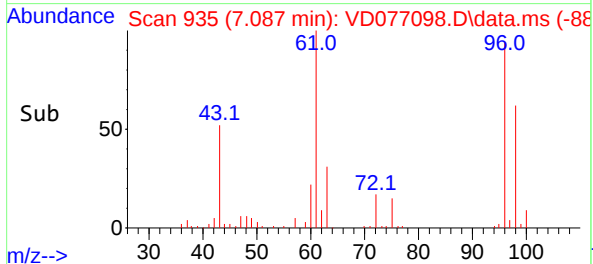
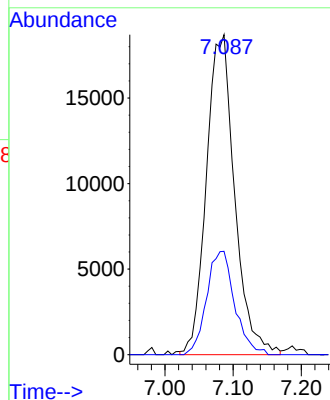
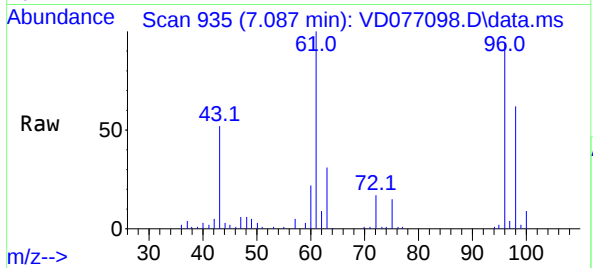




#22
2-Butanone
Concen: 34.768 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.011 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

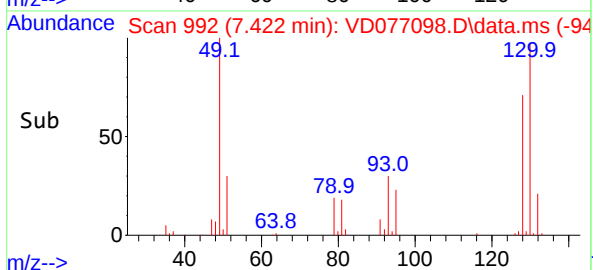
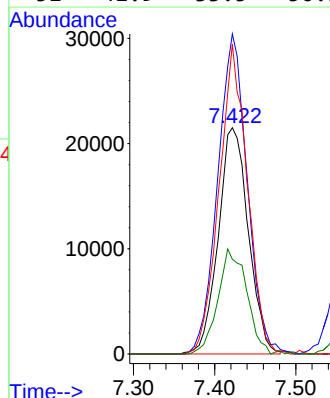
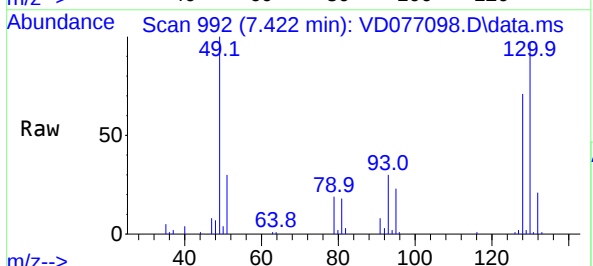
Instrument :
MSVOA_D
ClientSampleId :

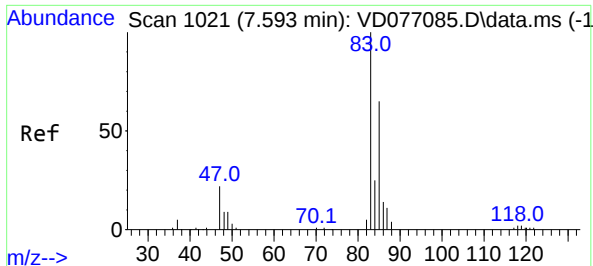
Tgt Ion: 43 Resp: 53935
Ion Ratio Lower Upper
43 100
72 31.8 16.0 48.0



#23
Bromochloromethane
Concen: 24.003 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion:128 Resp: 55368
Ion Ratio Lower Upper
128 100
49 141.5 86.5 160.6
130 137.0 91.2 169.4
51 41.9 33.5 50.3





#25

Chloroform

Concen: 24.296 ug/L

RT: 7.592 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077098.D

Acq: 12 Sep 2023 17:48

Instrument :

MSVOA_D

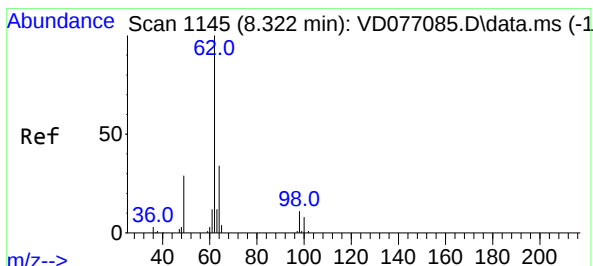
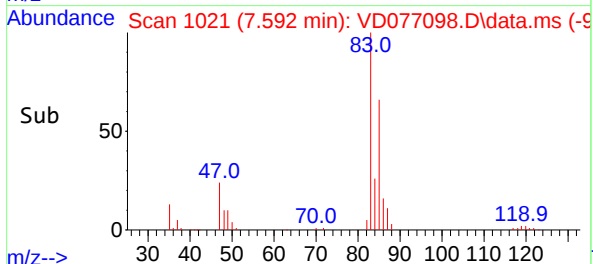
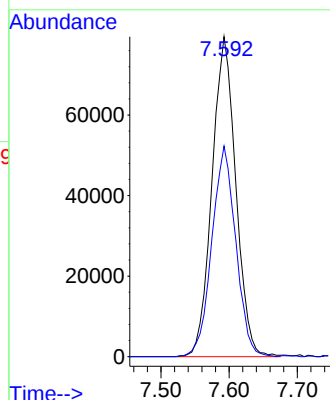
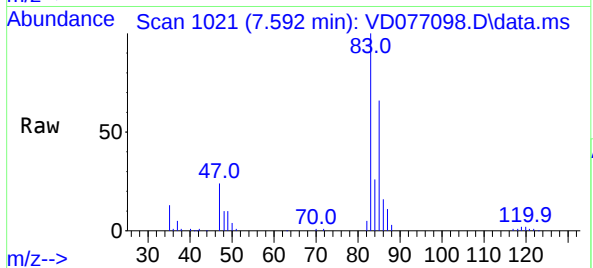
ClientSampleId :

Tgt Ion: 83 Resp: 193119

Ion Ratio Lower Upper

83 100

85 65.8 46.2 85.8



#27

1,2-Dichloroethane

Concen: 24.648 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077098.D

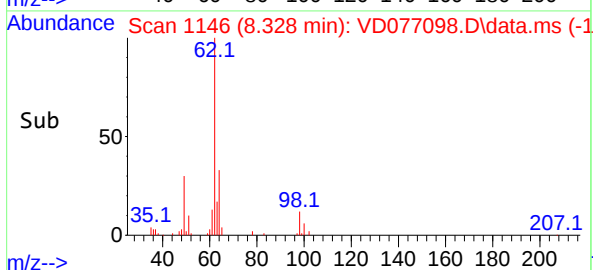
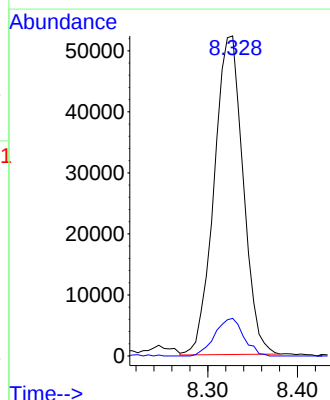
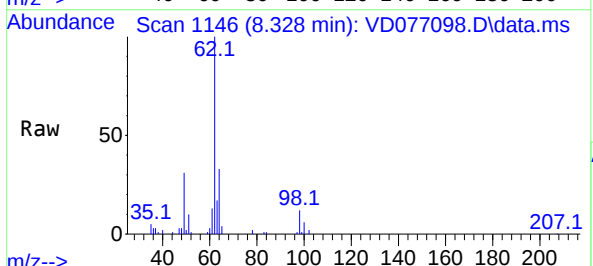
Acq: 12 Sep 2023 17:48

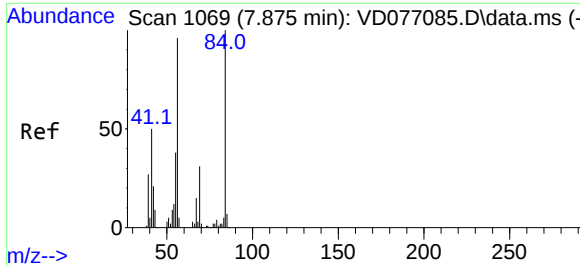
Tgt Ion: 62 Resp: 117341

Ion Ratio Lower Upper

62 100

98 11.8 9.0 13.4





#29

Cyclohexane

Concen: 23.183 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077098.D

Acq: 12 Sep 2023 17:48

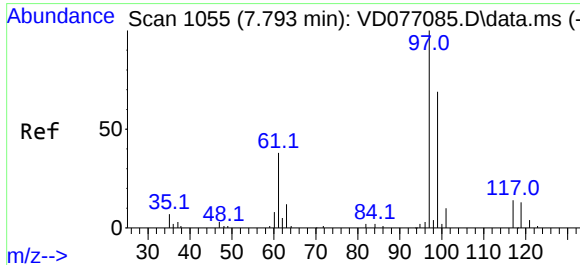
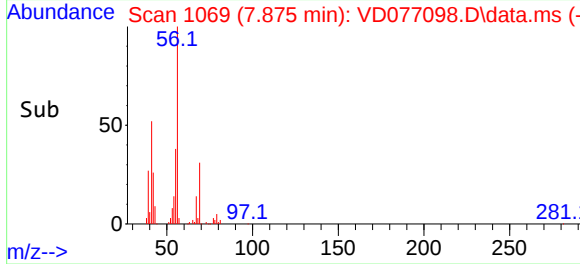
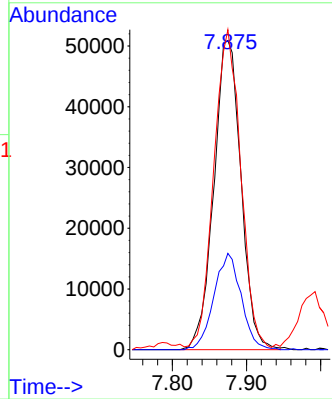
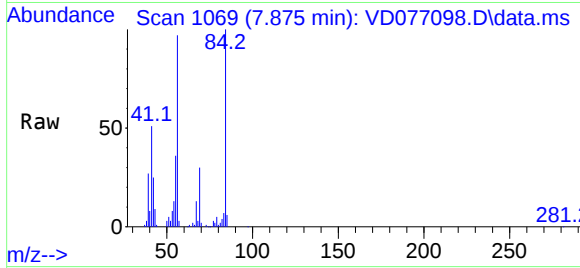
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 56 Resp: 129712

Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.5	38.3
84	103.1	82.6	124.0



#30

1,1,1-Trichloroethane

Concen: 23.711 ug/L

RT: 7.787 min Scan# 1054

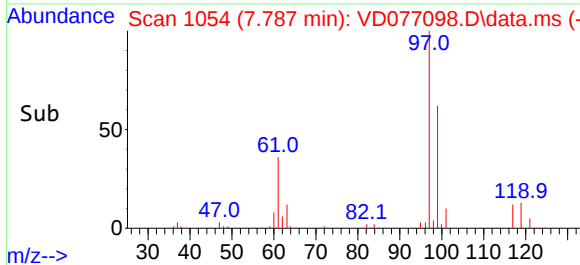
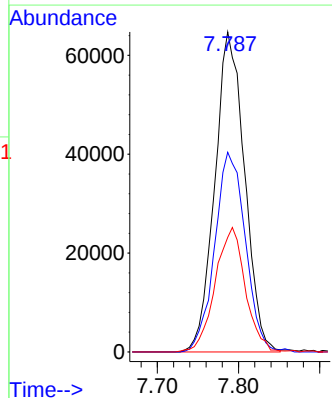
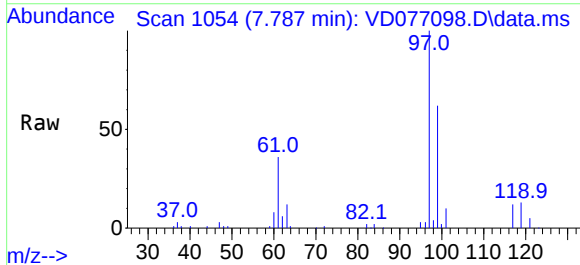
Delta R.T. -0.006 min

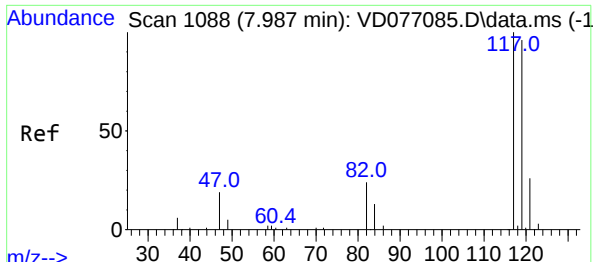
Lab File: VD077098.D

Acq: 12 Sep 2023 17:48

Tgt Ion: 97 Resp: 164915

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.7	76.1
61	39.3	32.6	48.8

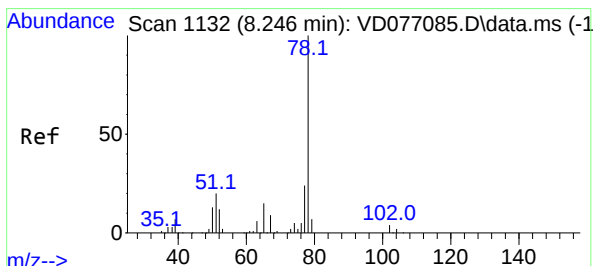
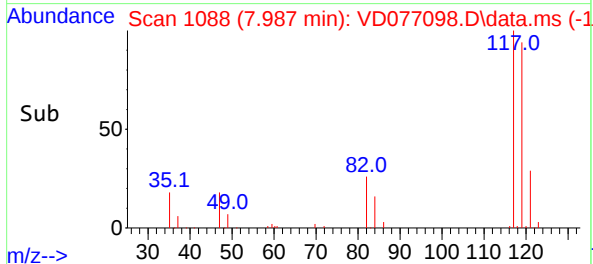
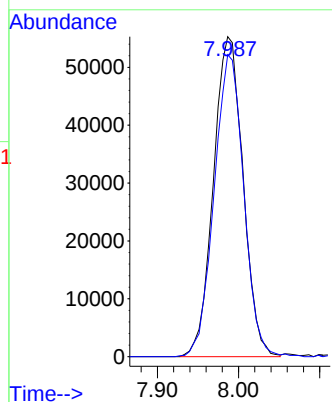
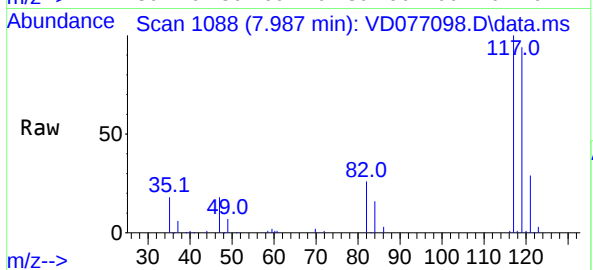




#31
Carbon tetrachloride
Concen: 23.830 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

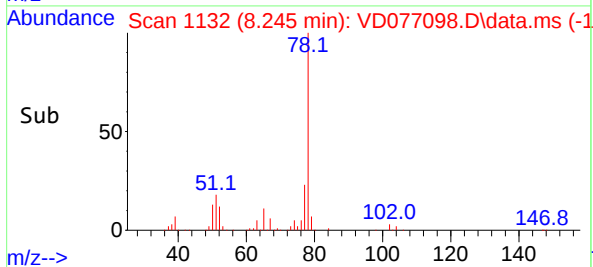
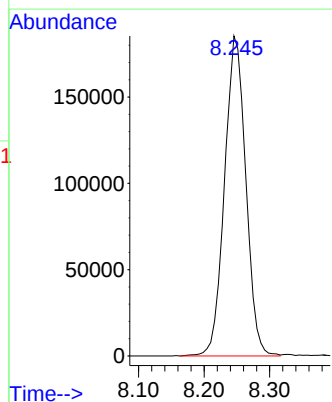
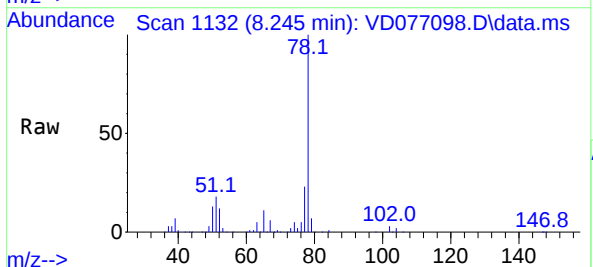
Instrument :
MSVOA_D
ClientSampleId :

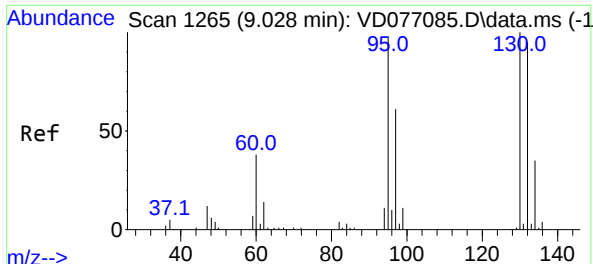
Tgt Ion:117 Resp: 140204
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.4



#33
Benzene
Concen: 23.368 ug/L
RT: 8.245 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

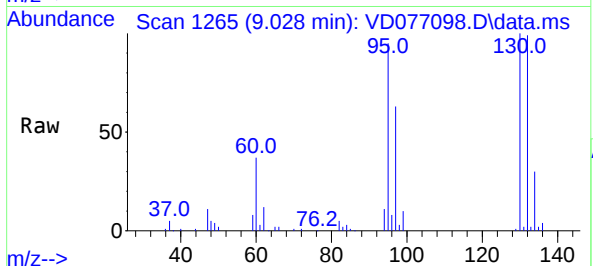
Tgt Ion: 78 Resp: 417658





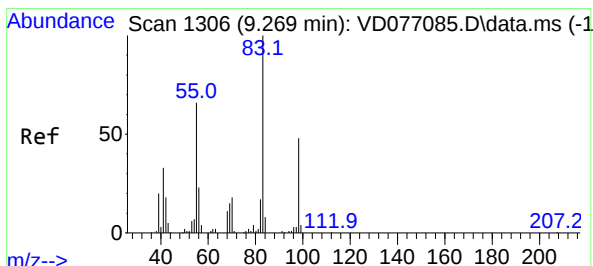
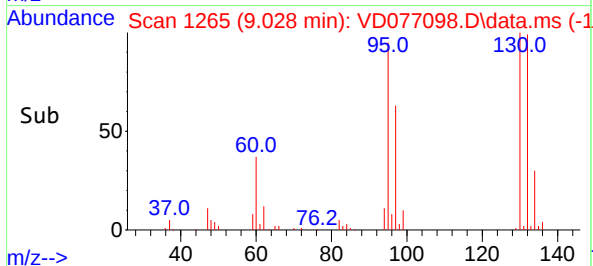
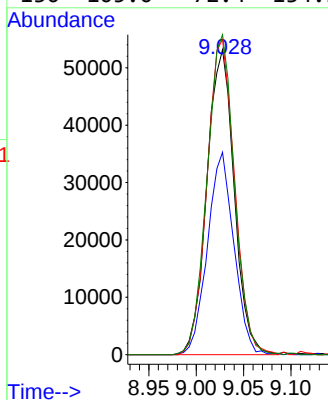
#34
Trichloroethene
Concen: 22.542 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 106829

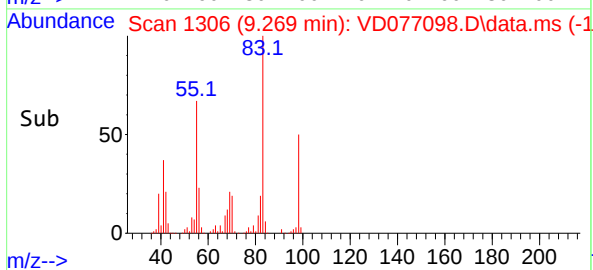
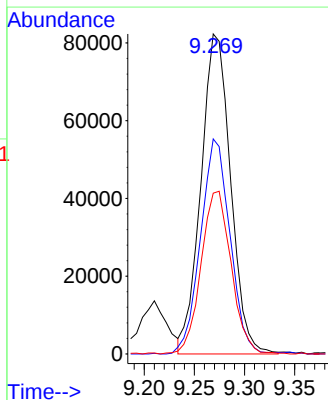
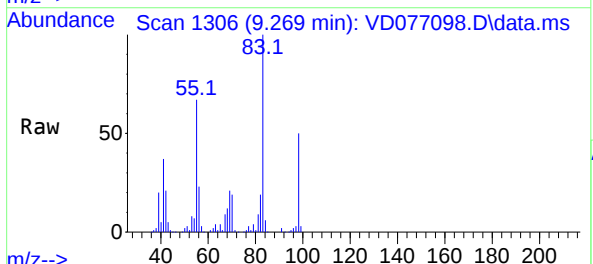
Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.4	86.2
132	103.4	70.1	130.1
130	105.0	72.4	134.5

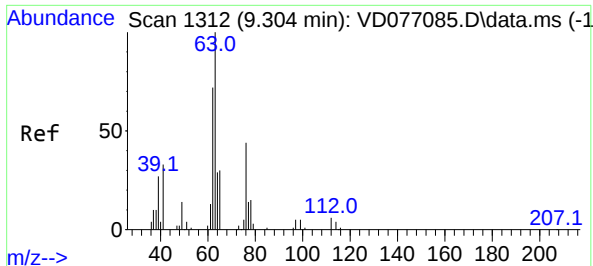


#35
Methylcyclohexane
Concen: 23.218 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion: 83 Resp: 169692

Ion	Ratio	Lower	Upper
83	100		
55	66.5	51.5	77.3
98	51.4	40.7	61.1

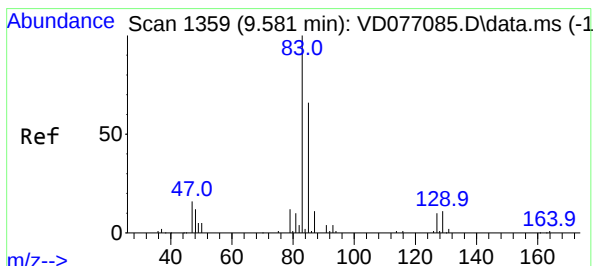
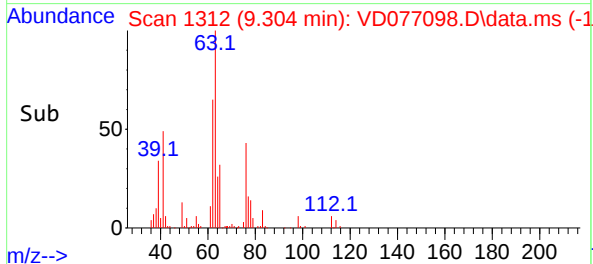
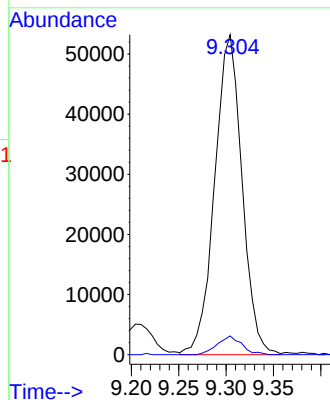
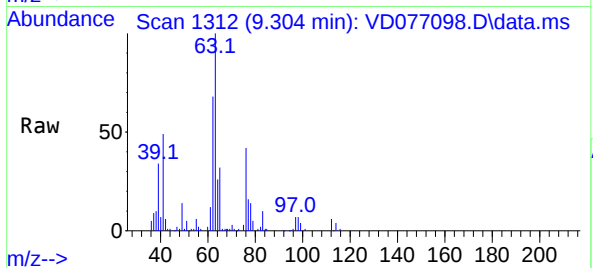




#37
1,2-Dichloropropane
Concen: 23.711 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

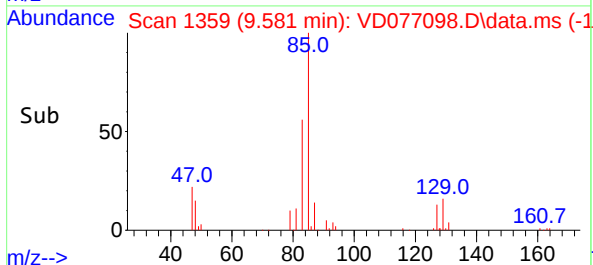
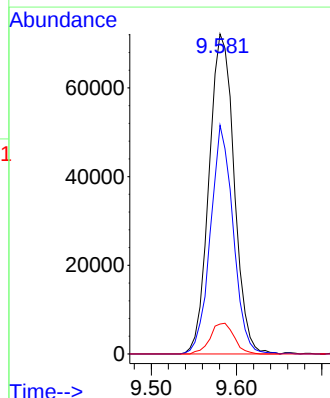
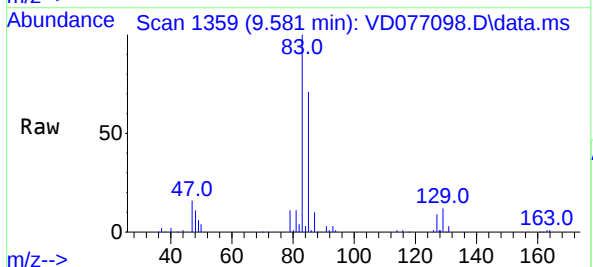
Instrument :
MSVOA_D
ClientSampleId :

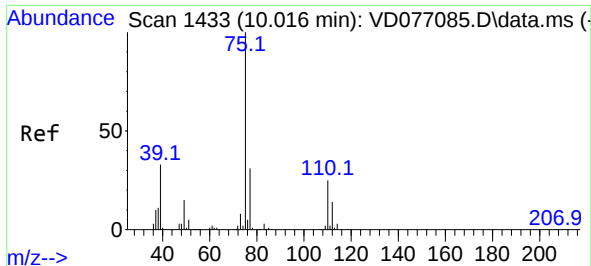
Tgt Ion: 63 Resp: 106889
Ion Ratio Lower Upper
63 100
112 5.0 4.0 6.0



#38
Bromodichloromethane
Concen: 23.706 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

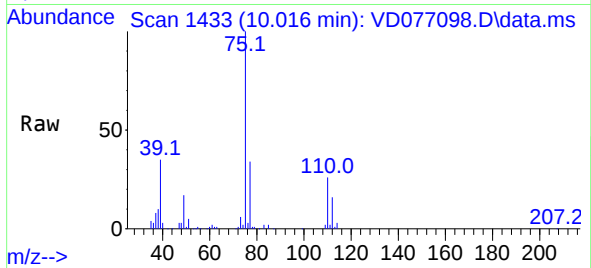
Tgt Ion: 83 Resp: 147433
Ion Ratio Lower Upper
83 100
85 71.5 44.0 81.6
127 9.3 7.5 11.3



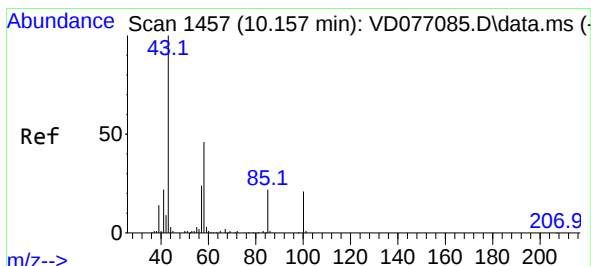
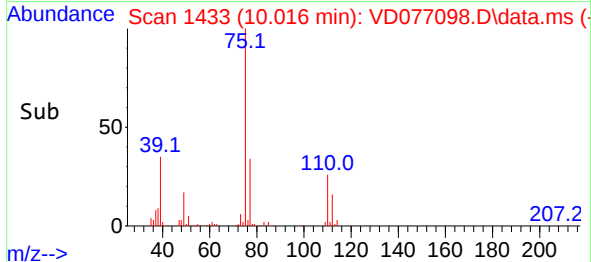
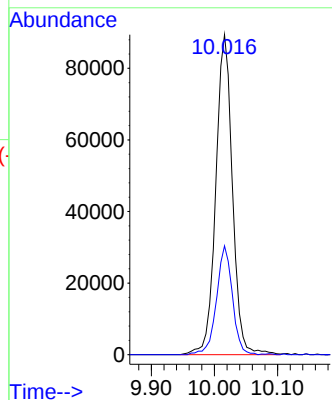


#39
cis-1,3-Dichloropropene
Concen: 22.877 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :

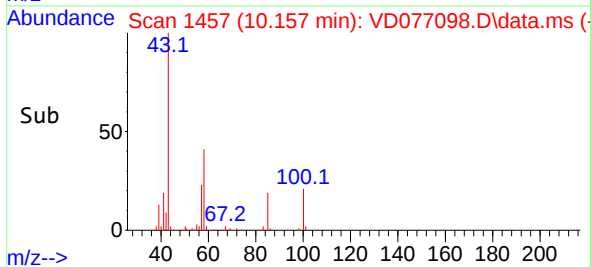
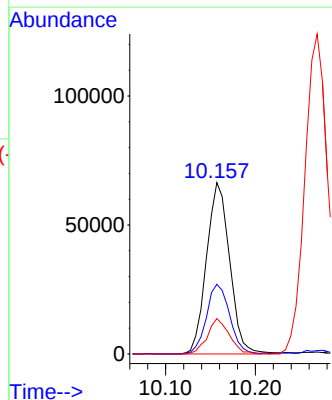
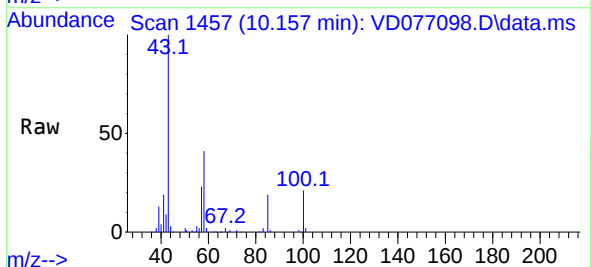


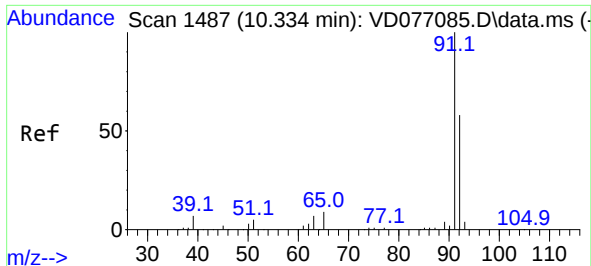
Tgt Ion: 75 Resp: 163962
Ion Ratio Lower Upper
75 100
77 34.0 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 48.197 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

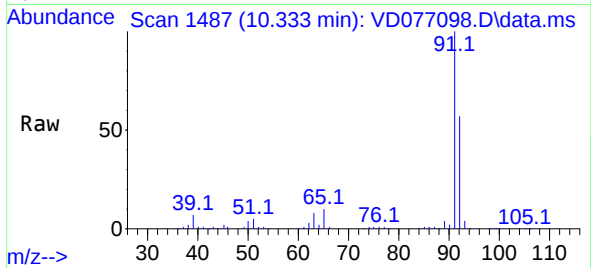
Tgt Ion: 43 Resp: 119413
Ion Ratio Lower Upper
43 100
58 40.7 34.6 51.8
100 19.3 16.2 24.4



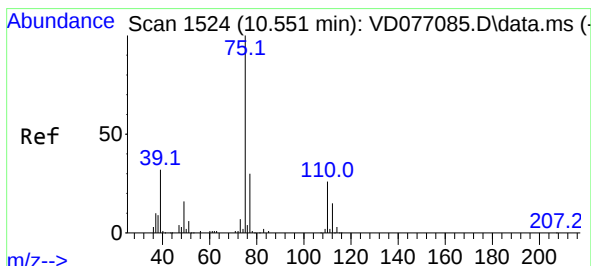
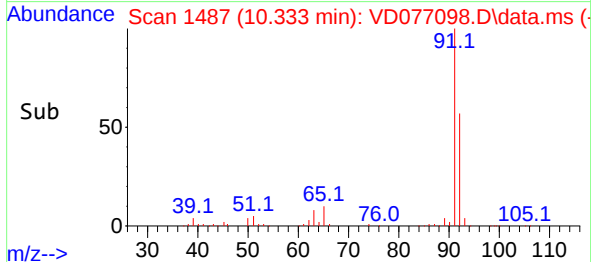
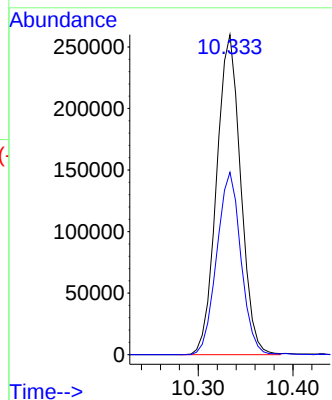


#42
Toluene
Concen: 23.758 ug/L
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :

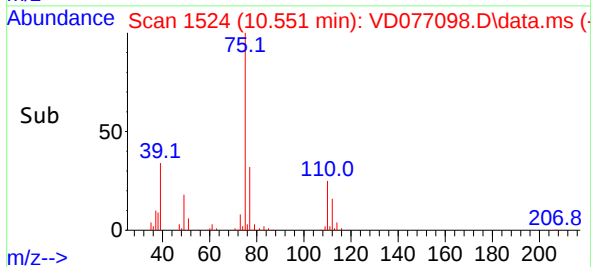
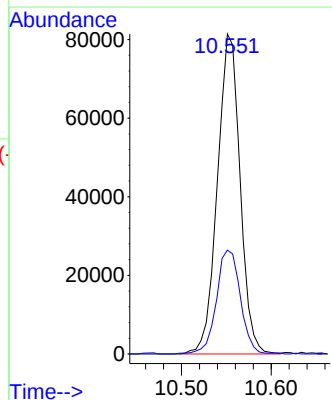
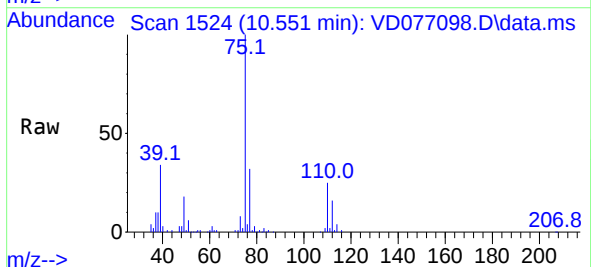


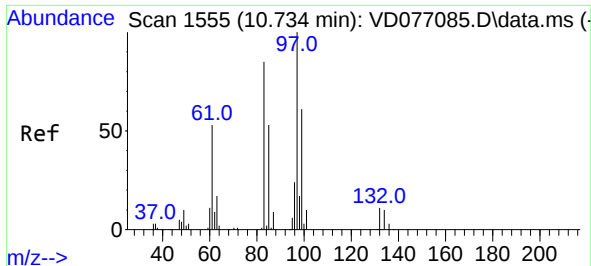
Tgt Ion: 91 Resp: 459943
Ion Ratio Lower Upper
91 100
92 57.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 23.317 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion: 75 Resp: 142877
Ion Ratio Lower Upper
75 100
77 32.4 22.5 41.9

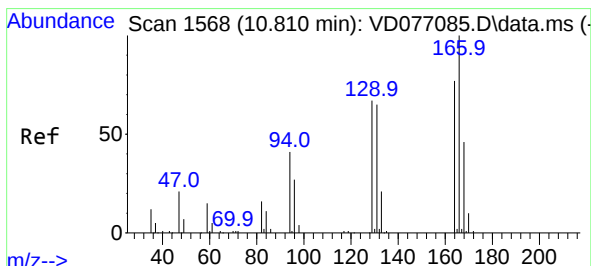
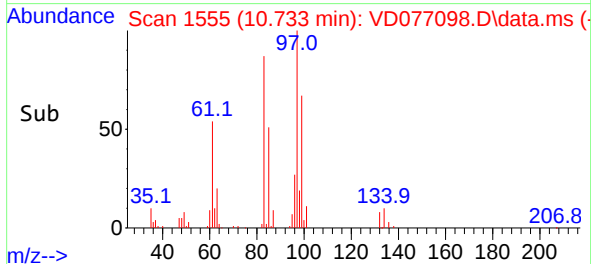
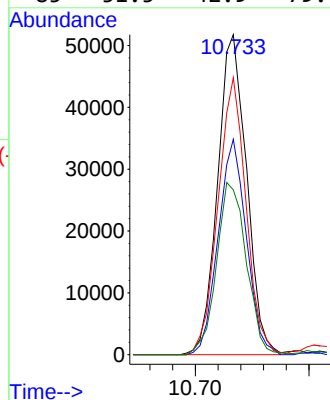
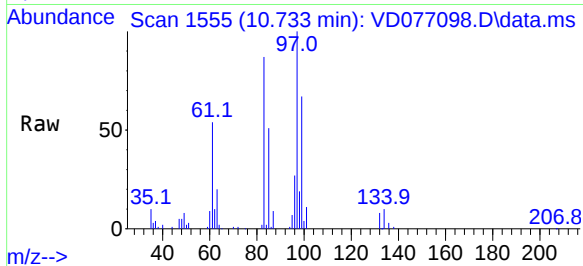




#45
1,1,2-Trichloroethane
Concen: 23.999 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

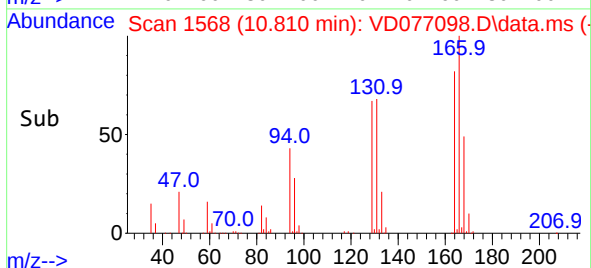
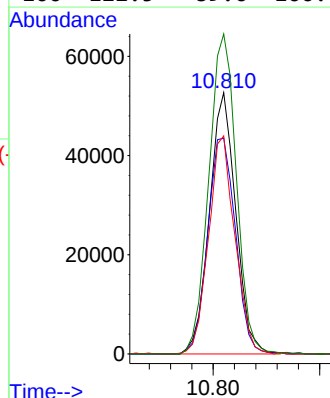
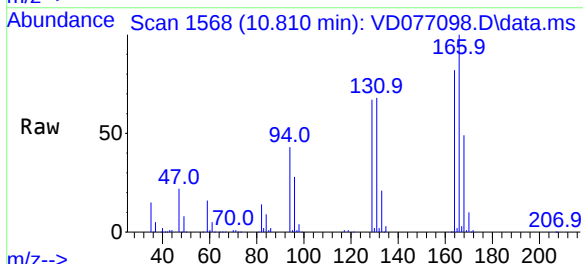
Instrument :
MSVOA_D
ClientSampleId :

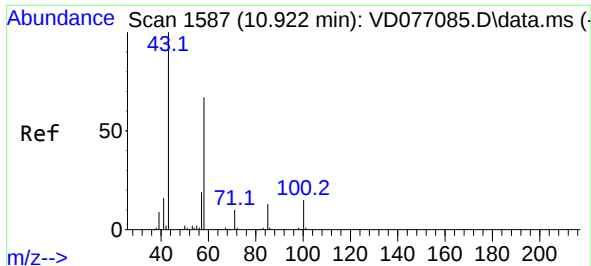
Tgt Ion:	97	Resp:	91553
Ion	Ratio	Lower	Upper
97	100		
99	67.3	46.1	85.5
83	86.5	64.3	119.3
85	51.5	42.9	79.7



#46
Tetrachloroethene
Concen: 23.321 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

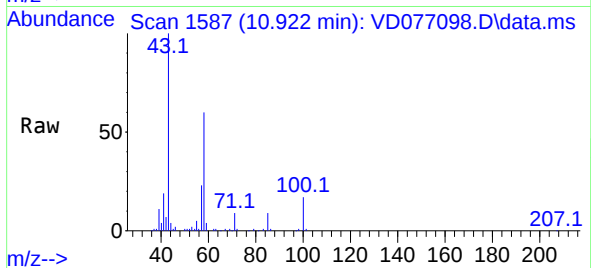
Tgt Ion:	164	Resp:	90353
Ion	Ratio	Lower	Upper
164	100		
129	82.6	66.4	123.4
131	83.5	62.6	116.3
166	122.5	89.6	166.4



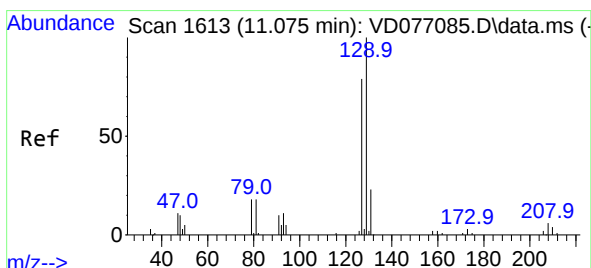
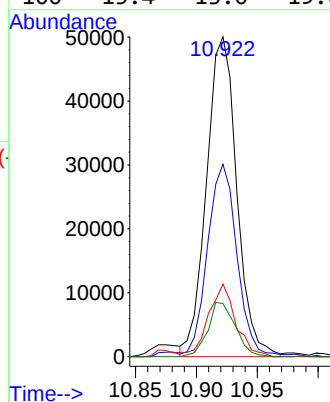
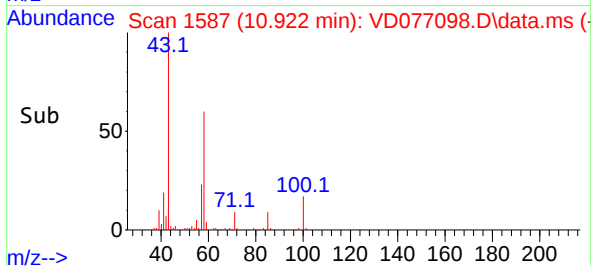


#48
2-Hexanone
Concen: 45.438 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :

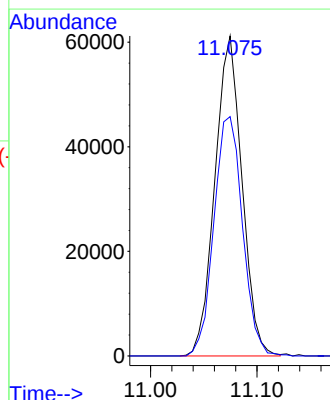
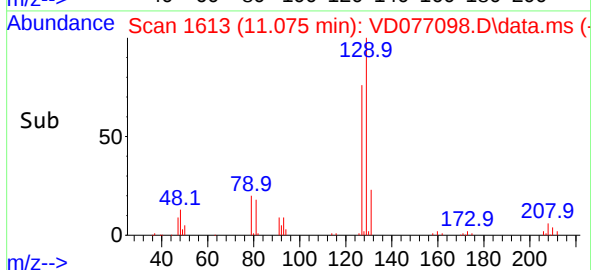
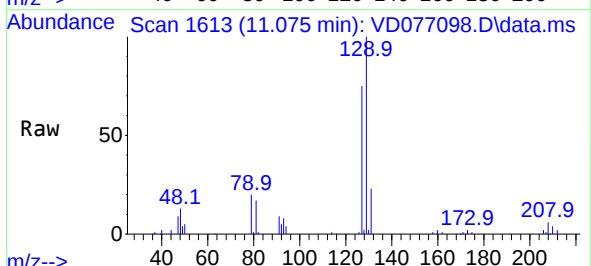


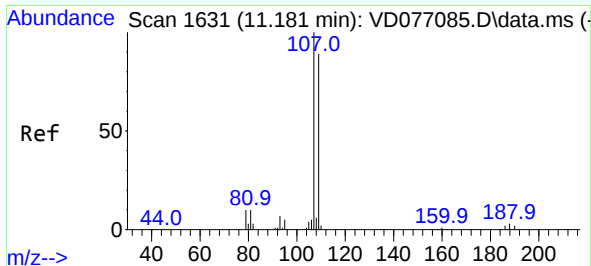
Tgt Ion: 43 Resp: 86816
Ion Ratio Lower Upper
43 100
58 58.4 50.6 75.8
57 20.4 16.6 24.8
100 15.4 13.0 19.6



#49
Dibromochloromethane
Concen: 24.261 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion: 129 Resp: 108097
Ion Ratio Lower Upper
129 100
127 74.8 56.6 105.2

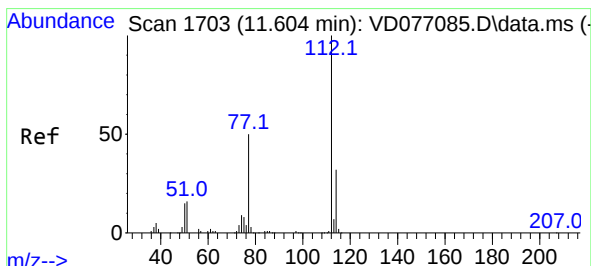
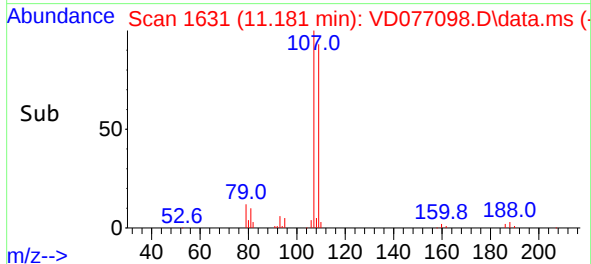
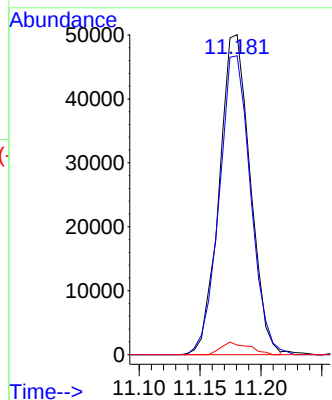
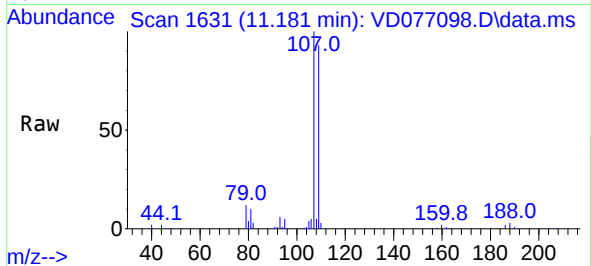




#50
1,2-Dibromoethane
Concen: 23.471 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

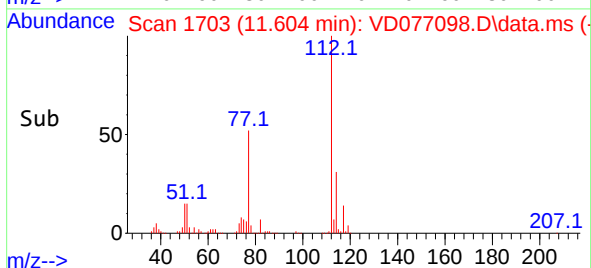
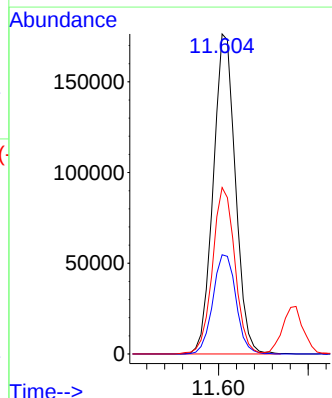
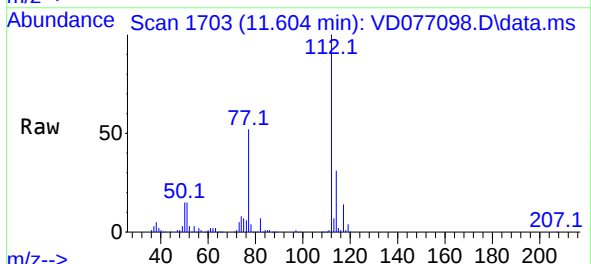
Instrument :
MSVOA_D
ClientSampleId :

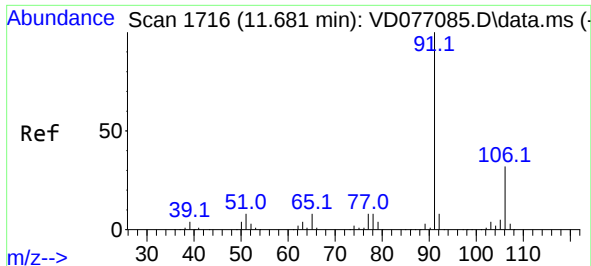
Tgt Ion:107 Resp: 88453
Ion Ratio Lower Upper
107 100
109 93.4 62.4 116.0
188 3.0 3.0 4.4



#51
Chlorobenzene
Concen: 23.341 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion:112 Resp: 302137
Ion Ratio Lower Upper
112 100
114 31.0 21.0 39.0
77 52.0 41.0 61.4

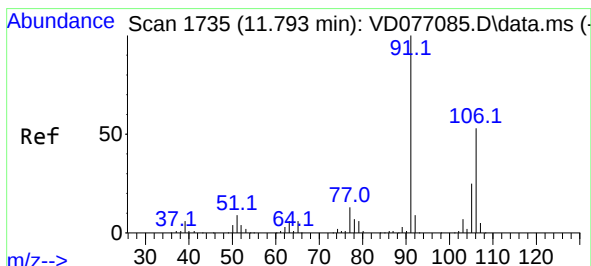
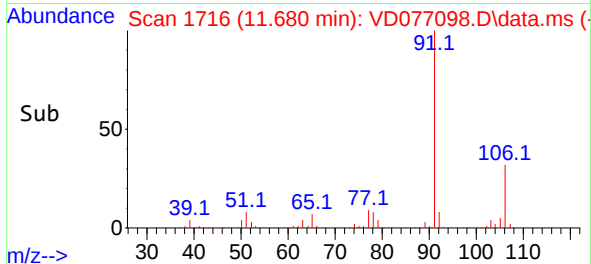
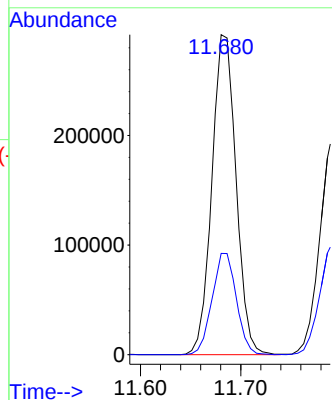
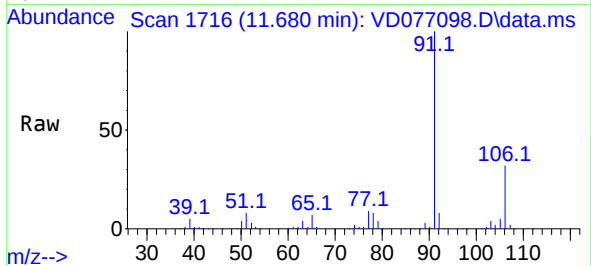




#52
Ethylbenzene
Concen: 23.365 ug/L
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

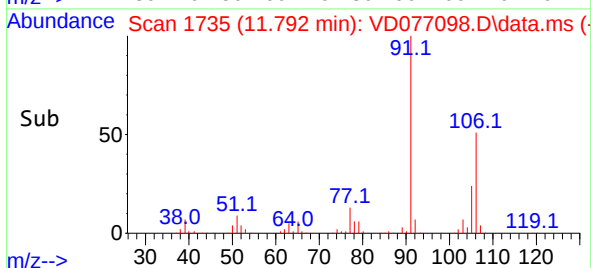
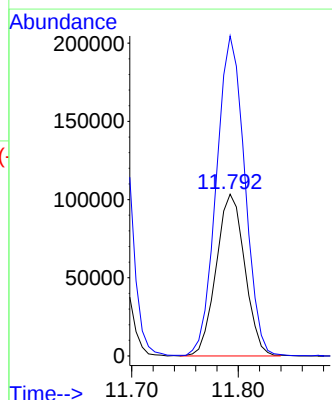
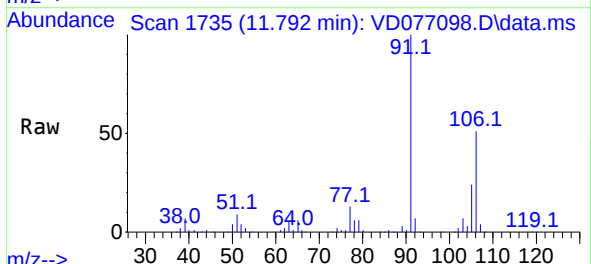
Instrument :
MSVOA_D
ClientSampleId :

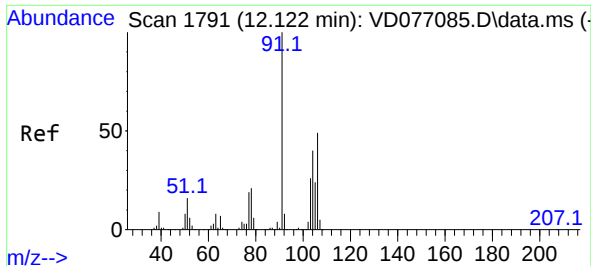
Tgt Ion: 91 Resp: 489510
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 23.867 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion:106 Resp: 193077
Ion Ratio Lower Upper
106 100
91 197.8 138.2 256.6

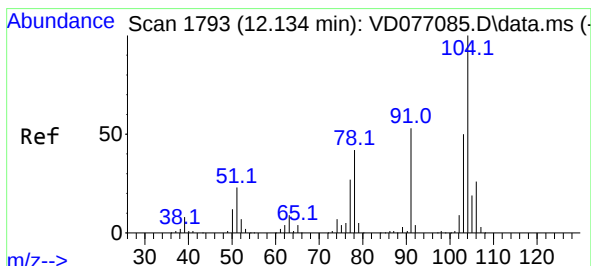
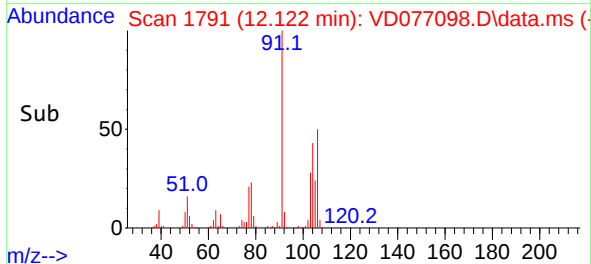
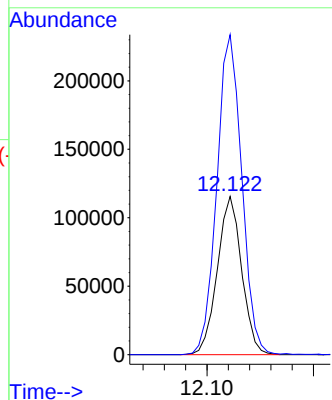
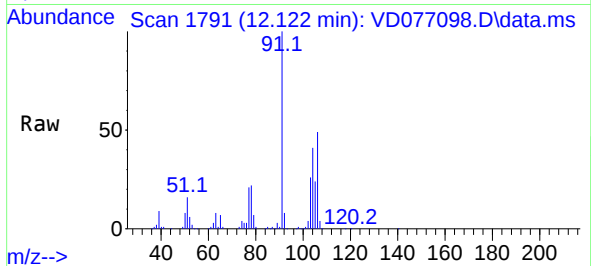




#54
o-Xylene
Concen: 23.485 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

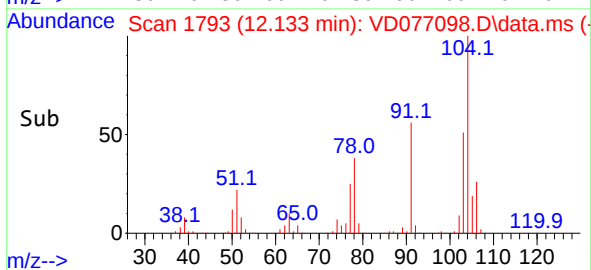
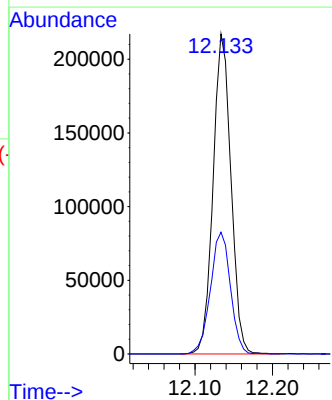
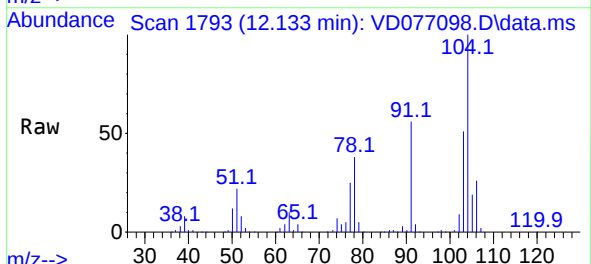
Instrument :
MSVOA_D
ClientSampleId :

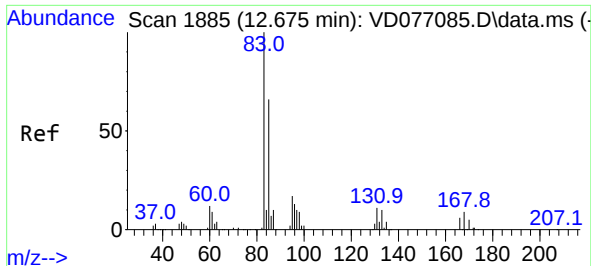
Tgt Ion:106 Resp: 183388
Ion Ratio Lower Upper
106 100
91 202.1 146.9 272.7



#55
Styrene
Concen: 24.992 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

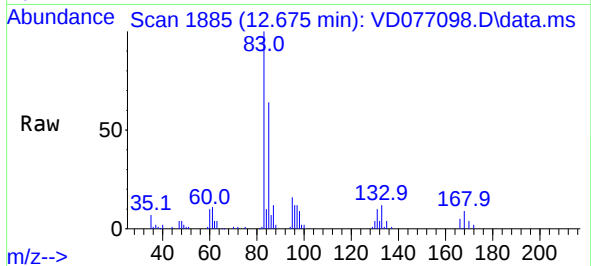
Tgt Ion:104 Resp: 348762
Ion Ratio Lower Upper
104 100
78 38.1 27.8 51.6



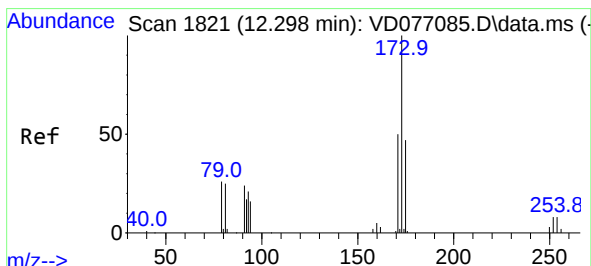
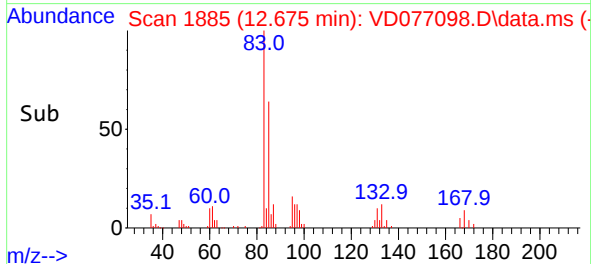
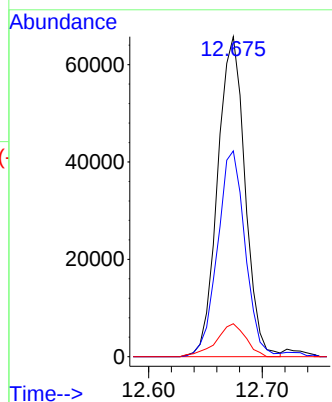


#57
1,1,2,2-Tetrachloroethane
Concen: 24.577 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :

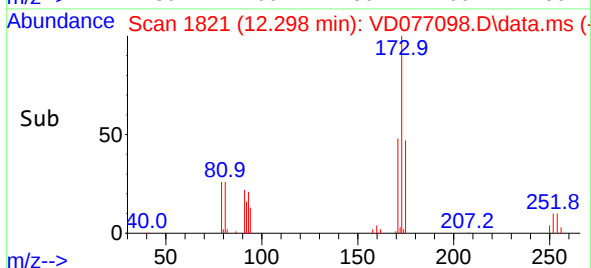
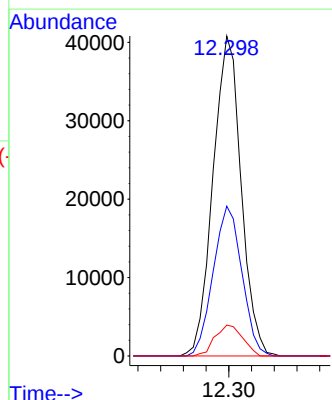
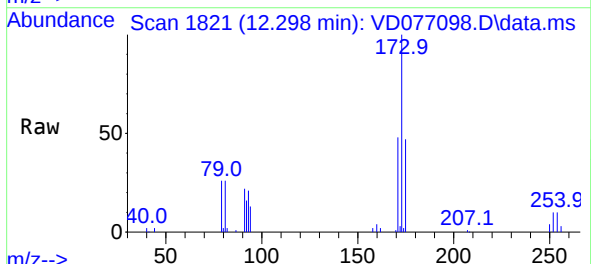


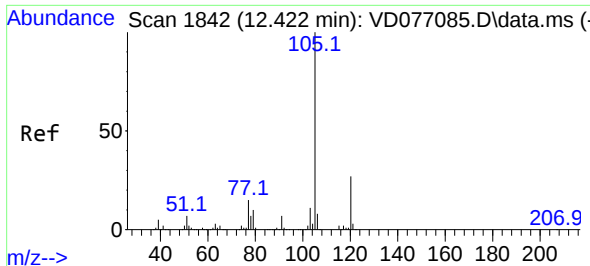
Tgt Ion: 83 Resp: 110270
Ion Ratio Lower Upper
83 100
85 64.3 43.6 81.0
131 10.3 7.8 11.8



#59
Bromoform
Concen: 23.090 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

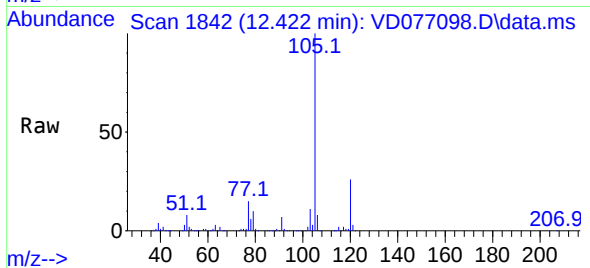
Tgt Ion: 173 Resp: 70084
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 9.5 7.0 10.6



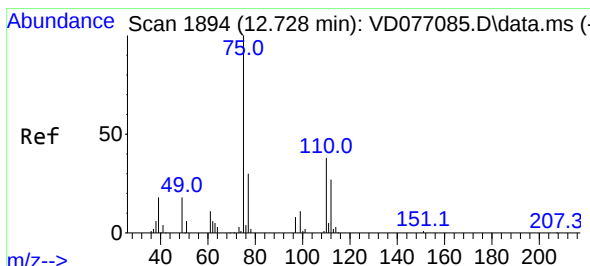
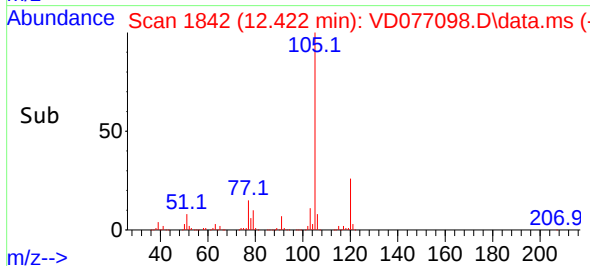
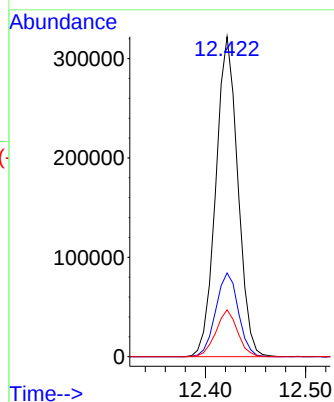


#60
Isopropylbenzene
Concen: 22.659 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :

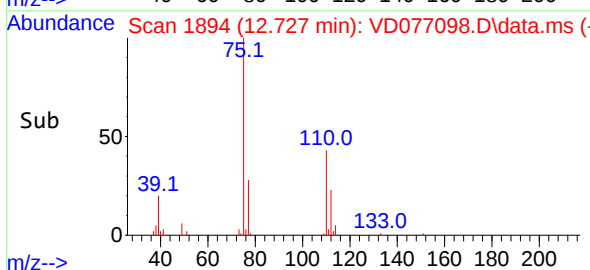
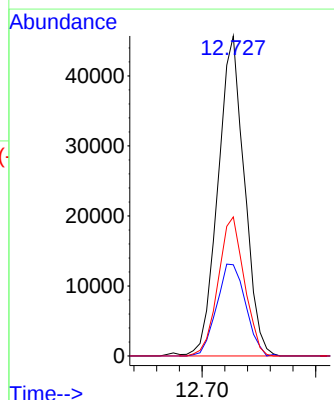
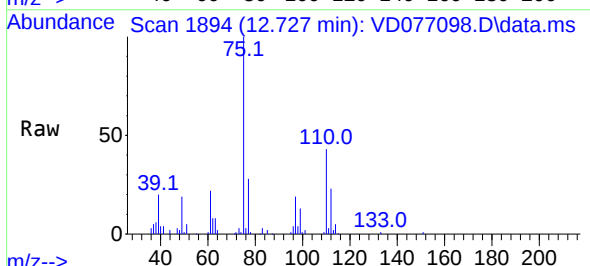


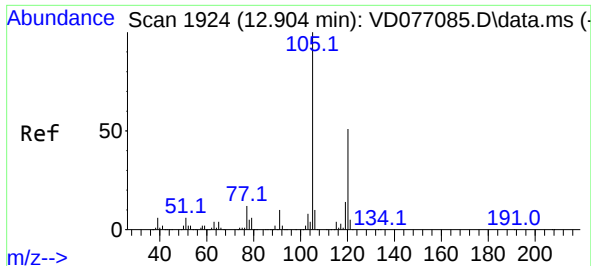
Tgt Ion:105 Resp: 491495
Ion Ratio Lower Upper
105 100
120 26.8 21.8 32.6
77 14.4 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 22.978 ug/L
RT: 12.727 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion: 75 Resp: 73812
Ion Ratio Lower Upper
75 100
77 31.3 26.6 40.0
110 43.0 33.6 50.4

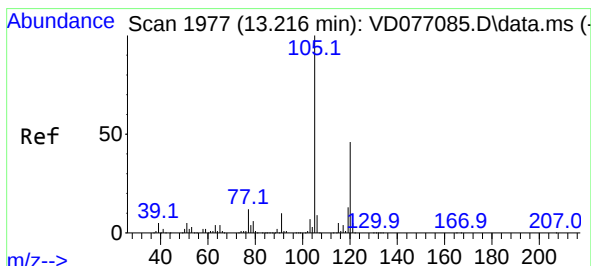
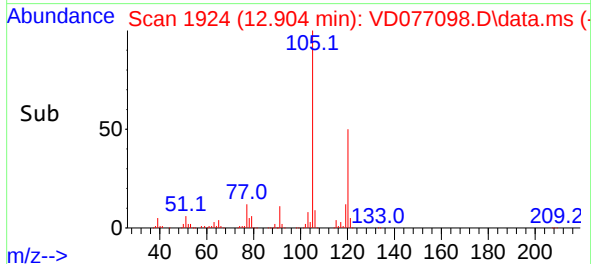
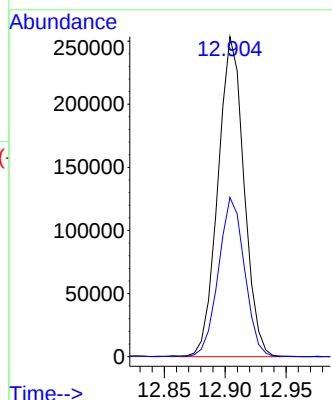
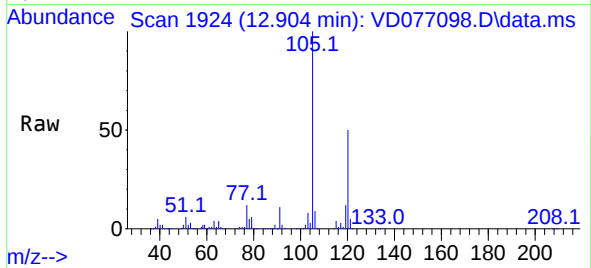




#62
1,3,5-Trimethylbenzene
Concen: 22.491 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

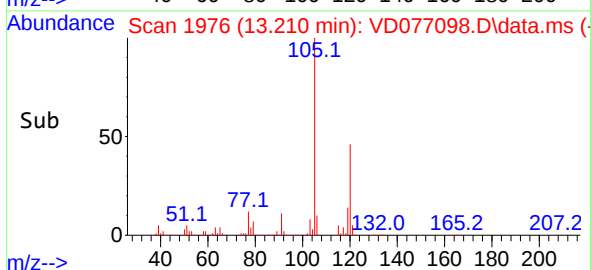
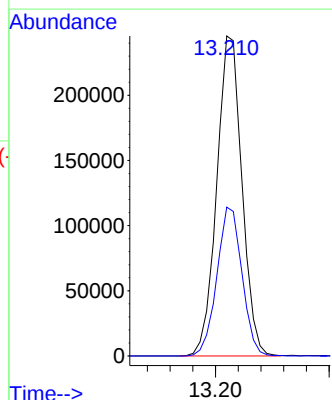
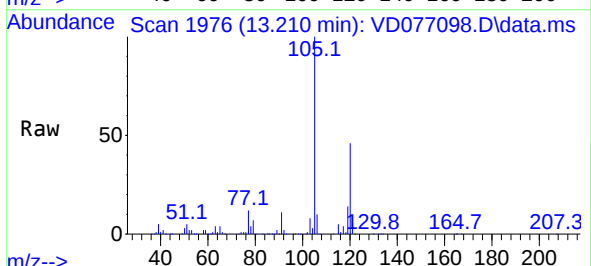
Instrument :
MSVOA_D
ClientSampleId :

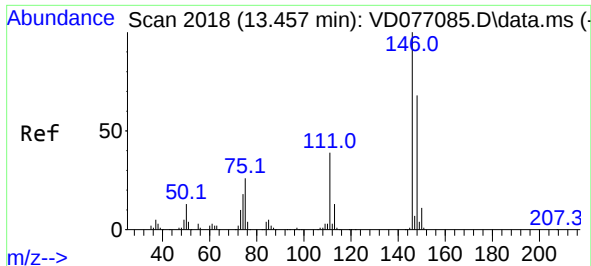
Tgt Ion:105 Resp: 377309
Ion Ratio Lower Upper
105 100
120 49.8 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 22.999 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

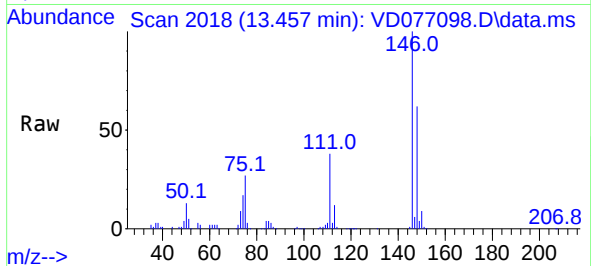
Tgt Ion:105 Resp: 378011
Ion Ratio Lower Upper
105 100
120 46.3 37.8 56.8



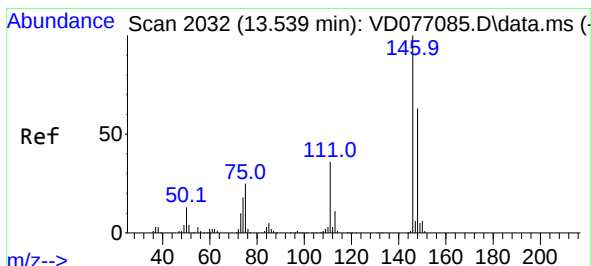
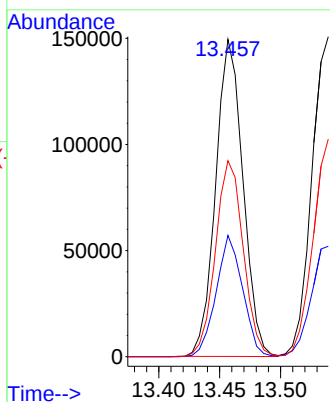
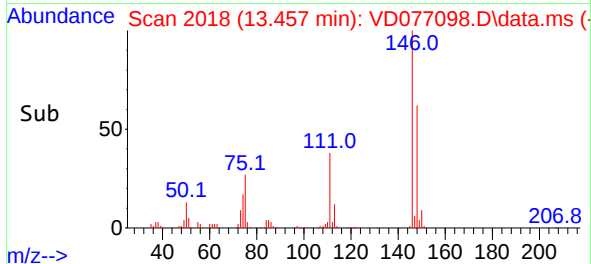


#64
1,3-Dichlorobenzene
Concen: 22.567 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

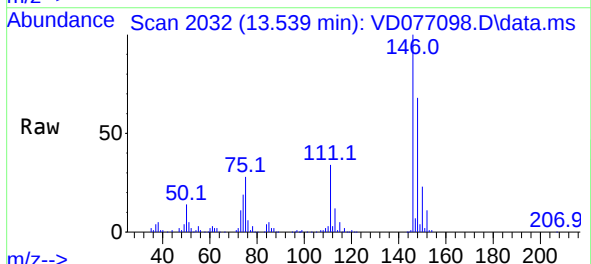
Instrument :
MSVOA_D
ClientSampleId :



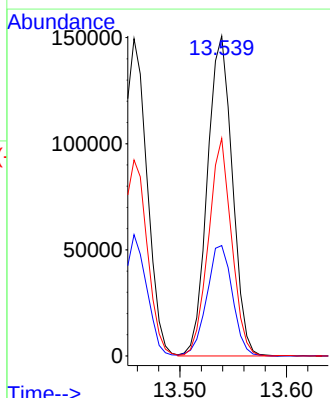
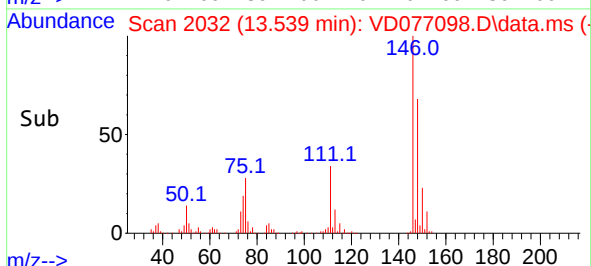
Tgt Ion:146 Resp: 233200
Ion Ratio Lower Upper
146 100
111 38.2 25.2 46.8
148 61.8 42.7 79.3

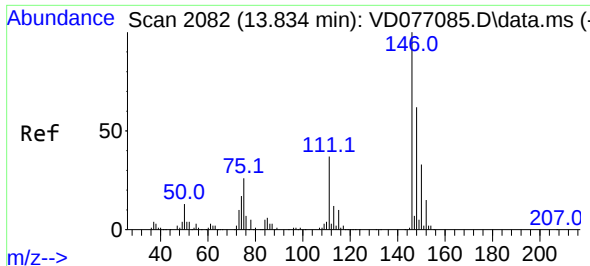


#65
1,4-Dichlorobenzene
Concen: 22.712 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48



Tgt Ion:146 Resp: 245189
Ion Ratio Lower Upper
146 100
111 34.5 25.5 47.3
148 68.0 45.5 84.5

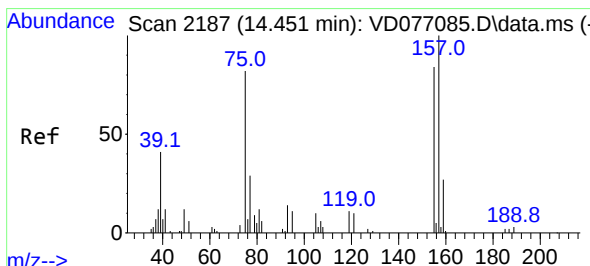
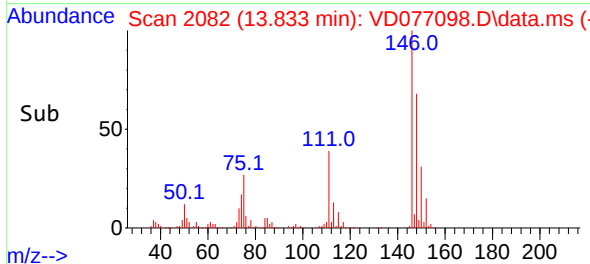
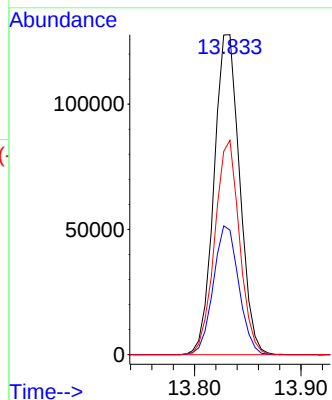
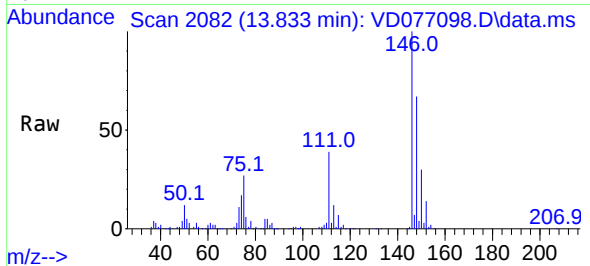




#67
1,2-Dichlorobenzene
Concen: 22.462 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

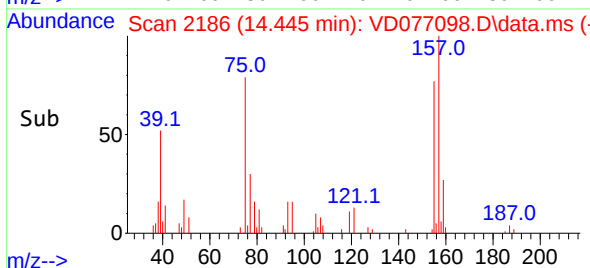
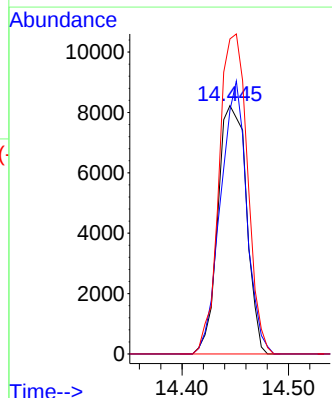
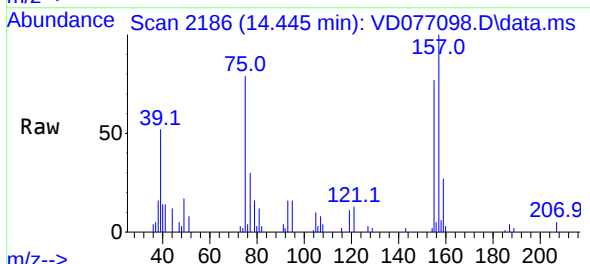
Instrument :
MSVOA_D
ClientSampleId :

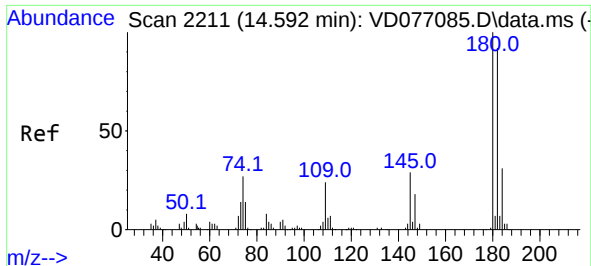
Tgt Ion:146 Resp: 213491
Ion Ratio Lower Upper
146 100
111 38.9 31.8 47.6
148 67.0 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 22.758 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

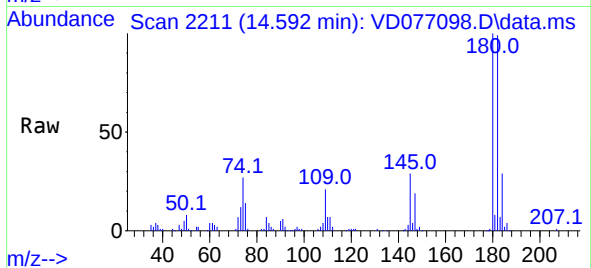
Tgt Ion: 75 Resp: 15289
Ion Ratio Lower Upper
75 100
155 98.2 79.0 118.6
157 126.9 100.2 150.4





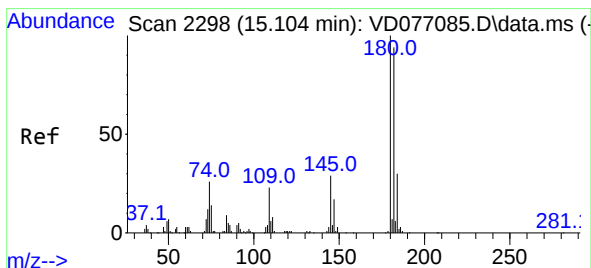
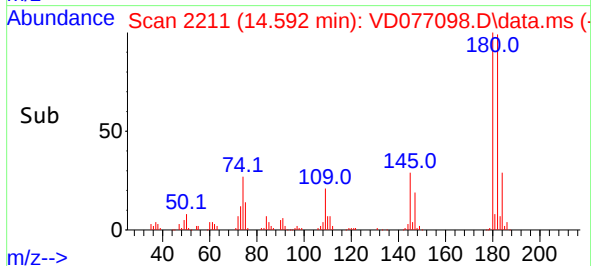
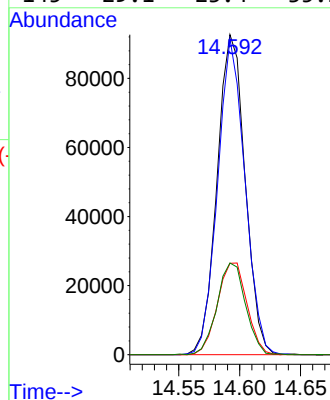
#69
1,3,5-Trichlorobenzene
Concen: 21.739 ug/L
RT: 14.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 148044

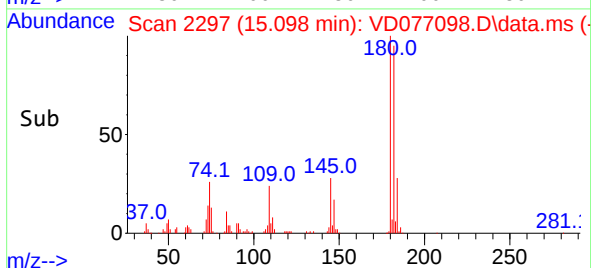
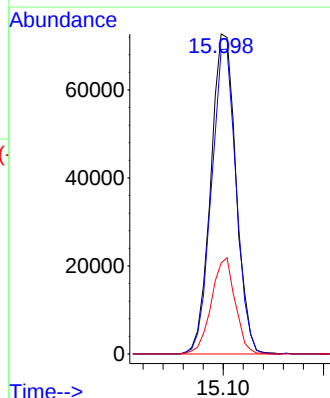
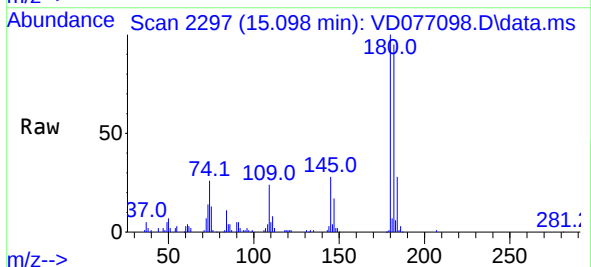
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
184	30.2	24.2	36.2
145	29.1	23.4	35.2

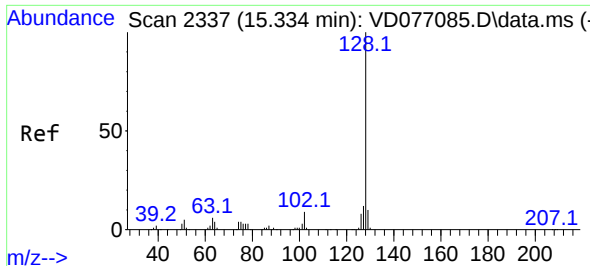


#70
1,2,4-trichlorobenzene
Concen: 21.768 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion:180 Resp: 126876

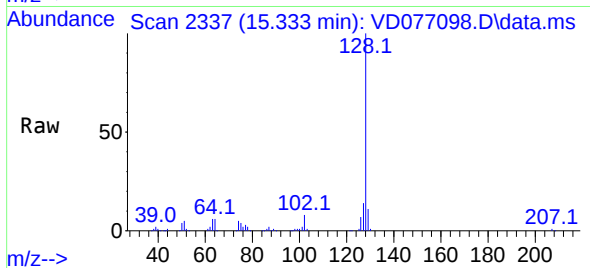
Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.3	114.5
145	28.3	23.8	35.8



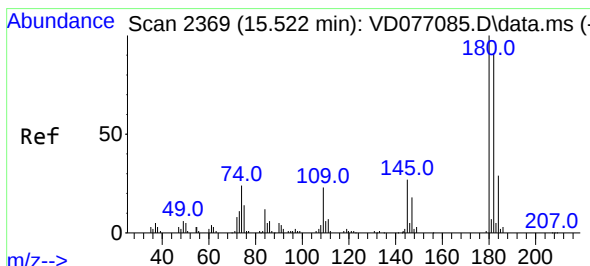
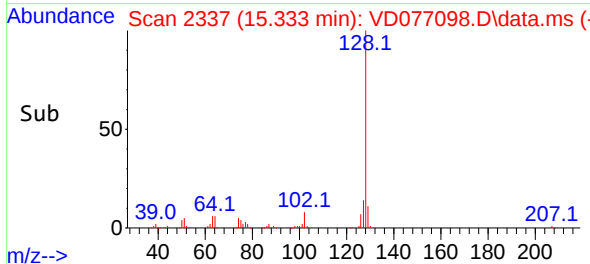
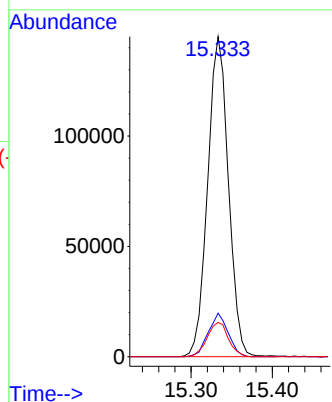


#71
Naphthalene
Concen: 22.078 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 257251
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.678 ug/L
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077098.D
Acq: 12 Sep 2023 17:48

Tgt Ion:180 Resp: 121403
Ion Ratio Lower Upper
180 100
182 93.4 76.6 115.0
145 30.5 25.4 38.2

