

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077662.D
 Acq On : 22 Nov 2023 11:25
 Operator : JC/SY
 Sample : 05438-07RE
 Misc : 5.04G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:31:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	337103	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	286094	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	119936	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	266501	31.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.320%
7) Chloroethane-d5	2.805	69	216548	32.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.560%
11) 1,1-Dichloroethene-d2	3.928	65	73033	27.542	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.160%#
21) 2-Butanone-d5	6.987	46	53715	36.179	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.360%
24) Chloroform-d	7.569	84	282311	28.991	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.960%
26) 1,2-Dichloroethane-d4	8.234	65	135426	26.145	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.560%
32) Benzene-d6	8.204	84	581037	31.292	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.160%
36) 1,2-Dichloropropane-d6	9.210	67	178410	29.498	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.000%
41) Toluene-d8	10.269	98	516017	30.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.000%
43) trans-1,3-Dichloroprop...	10.528	79	66319	25.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.720%
47) 2-Hexanone-d5	10.881	63	42719	39.482	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.960%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94907	23.683	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	112281	26.315	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	112486	20.720	ug/L	98
3) Chloromethane	2.152	50	159735	20.451	ug/L	98
5) Vinyl chloride	2.287	62	200100	22.698	ug/L	97
6) Bromomethane	2.699	94	112700	24.012	ug/L	97
8) Chloroethane	2.840	64	134318	24.508	ug/L	90
9) Trichlorofluoromethane	3.181	101	187734	23.400	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	112203	22.726	ug/L	99
12) 1,1-Dichloroethene	3.946	96	106455	22.207	ug/L	94
13) Acetone	4.028	43	53171	34.070	ug/L	98
14) Carbon disulfide	4.275	76	283748	16.438	ug/L	97
15) Methyl Acetate	4.569	43	40757	15.874	ug/L	100
16) Methylene chloride	4.810	84	128291	22.540	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	109977	21.809	ug/L	98
18) Methyl tert-butyl Ether	5.328	73	227643	19.234	ug/L	98
19) 1,1-Dichloroethane	6.116	63	231631	22.894	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	124462	22.718	ug/L	98
22) 2-Butanone	7.087	43	56333	30.000	ug/L	99
23) Bromochloromethane	7.428	128	49026	22.271	ug/L	94
25) Chloroform	7.598	83	222983	23.991	ug/L	98

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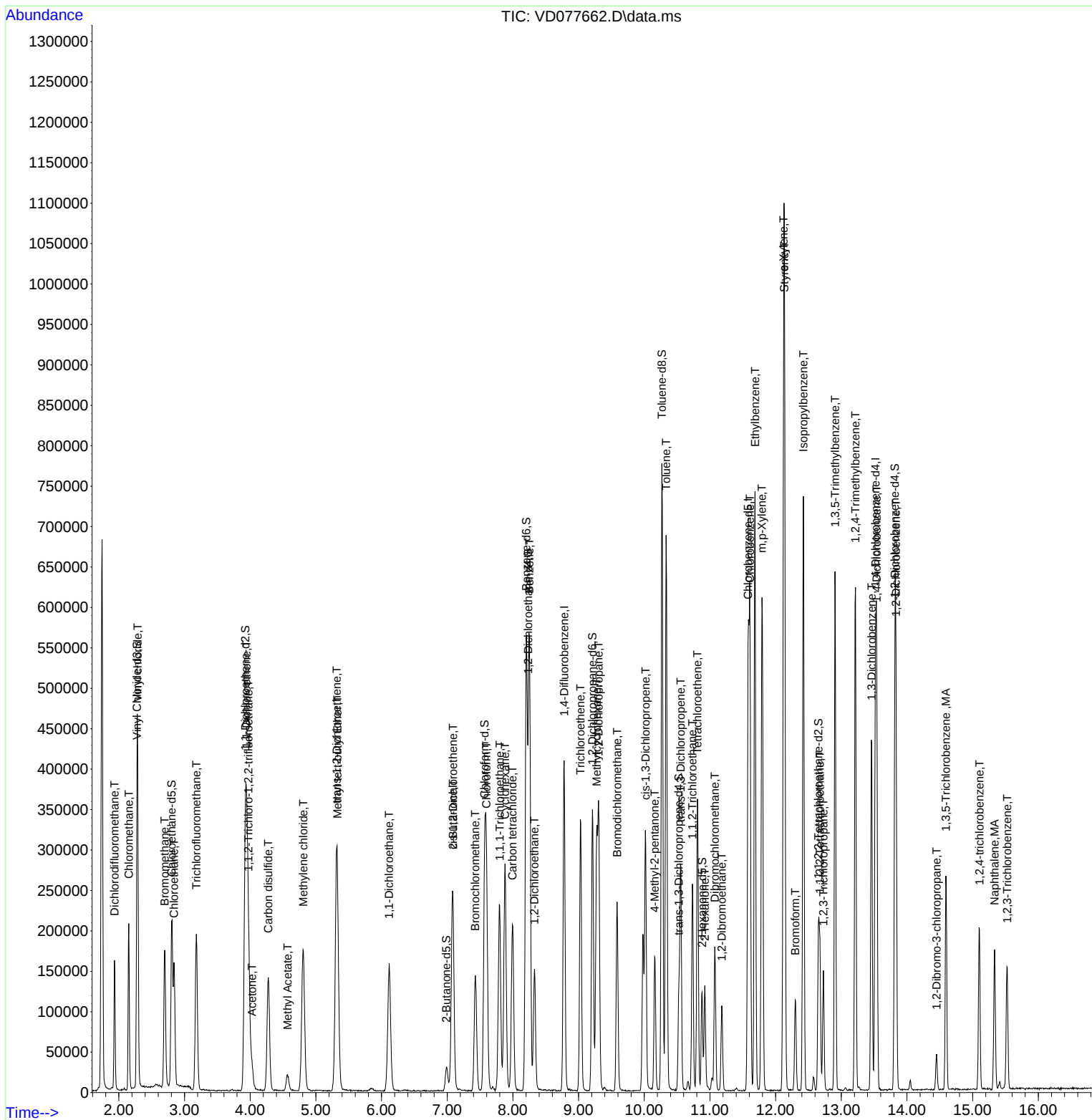
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 ClientSampleId :

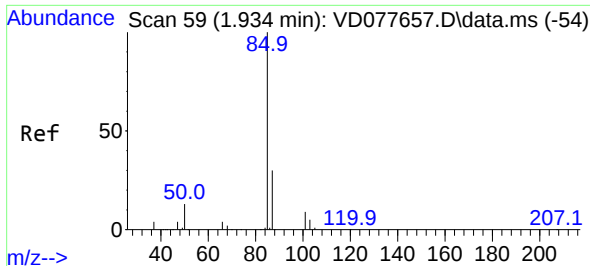
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 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	134692	21.861	ug/L	96
29) Cyclohexane	7.881	56	159180	17.136	ug/L	97
30) 1,1,1-Trichloroethane	7.798	97	189600	25.315	ug/L	99
31) Carbon tetrachloride	7.993	117	159845	24.834	ug/L	98
33) Benzene	8.251	78	493522	24.876	ug/L	100
34) Trichloroethene	9.028	95	117602	23.922	ug/L	88
35) Methylcyclohexane	9.275	83	122041	13.757	ug/L	98
37) 1,2-Dichloropropane	9.304	63	132088	23.949	ug/L	99
38) Bromodichloromethane	9.587	83	155697	24.611	ug/L	98
39) cis-1,3-Dichloropropene	10.022	75	197343	23.285	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	116788	34.748	ug/L	97
42) Toluene	10.334	91	509545	24.462	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	154185	22.017	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	77704	23.048	ug/L	97
46) Tetrachloroethene	10.810	164	80790	22.335	ug/L	96
48) 2-Hexanone	10.922	43	86001	32.281	ug/L	96
49) Dibromochloromethane	11.075	129	90805	23.711	ug/L	98
50) 1,2-Dibromoethane	11.181	107	68414	21.220	ug/L	99
51) Chlorobenzene	11.610	112	289203	23.699	ug/L	99
52) Ethylbenzene	11.686	91	523187	22.827	ug/L	98
53) m,p-Xylene	11.792	106	190884	22.887	ug/L	97
54) o-Xylene	12.122	106	188367	23.582	ug/L	94
55) Styrene	12.134	104	327831	23.505	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	83012	20.901	ug/L	99
59) Bromoform	12.298	173	49276	24.098	ug/L	96
60) Isopropylbenzene	12.422	105	465336	23.987	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	56970	22.300	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	330062	22.417	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	337262	22.613	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	178562	22.436	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	182908	22.772	ug/L	97
67) 1,2-Dichlorobenzene	13.833	146	157085	22.324	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	10658	19.179	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	81065	14.959	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	63176	13.832	ug/L	99
71) Naphthalene	15.333	128	141818	16.476	ug/L	99
72) 1,2,3-Trichlorobenzene	15.527	180	51555	13.239	ug/L	98

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

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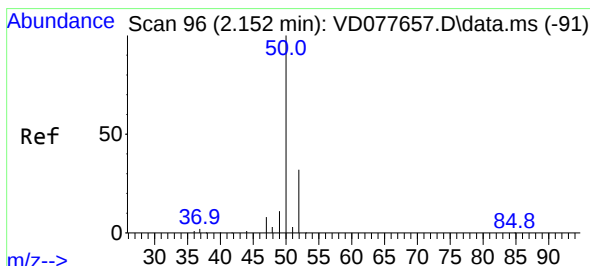
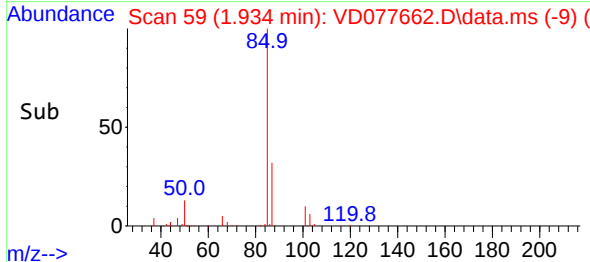
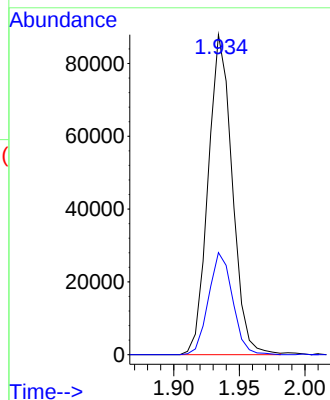
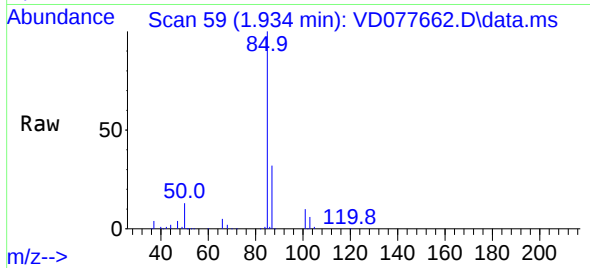




#2
Dichlorodifluoromethane
Concen: 20.720 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

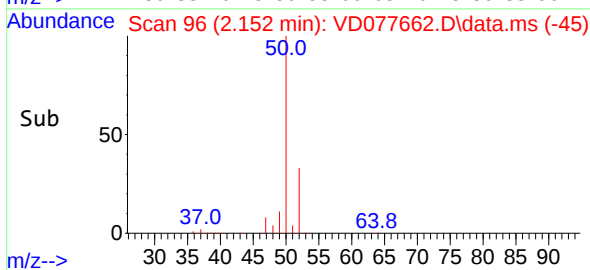
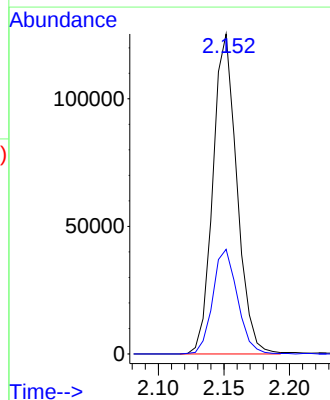
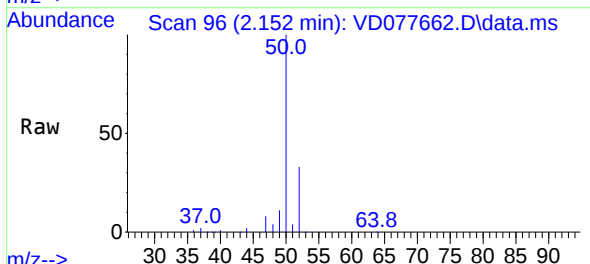
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MSVOA_D
ClientSampleId :

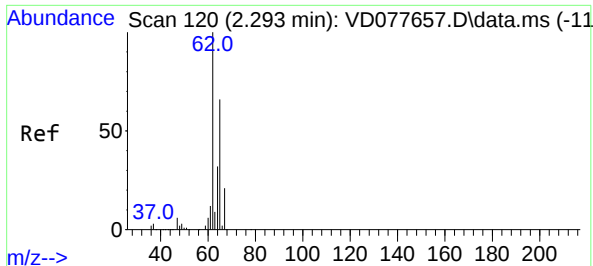
Tgt Ion: 85 Resp: 112486
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.2



#3
Chloromethane
Concen: 20.451 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion: 50 Resp: 159735
Ion Ratio Lower Upper
50 100
52 32.7 22.1 41.1

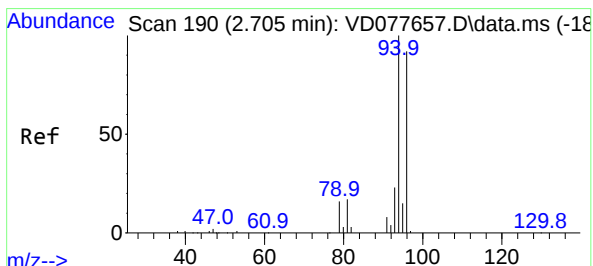
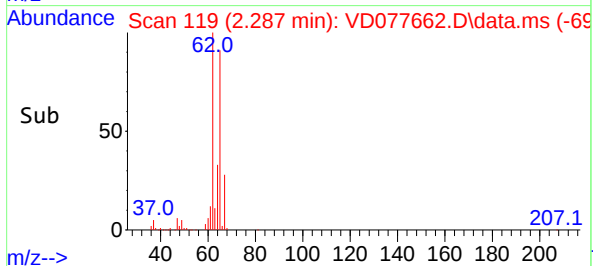
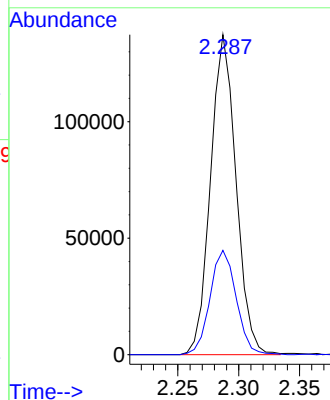
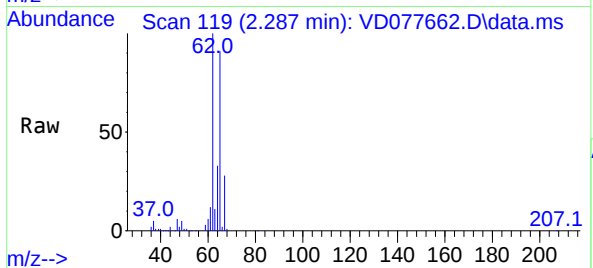




#5
 Vinyl chloride
 Concen: 22.698 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077662.D
 Acq: 22 Nov 2023 11:25

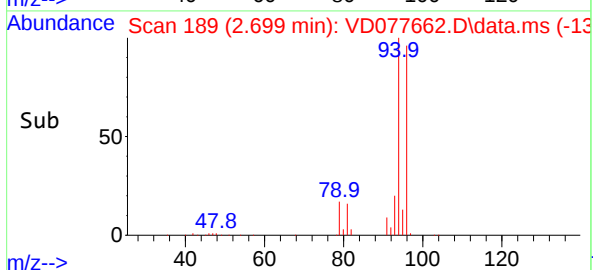
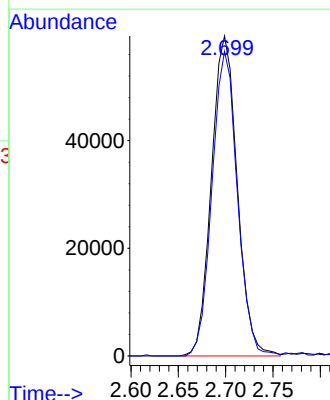
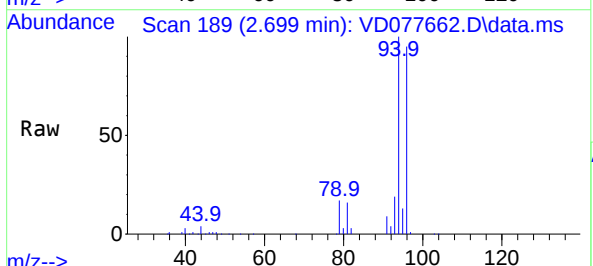
Instrument :
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 ClientSampleId :

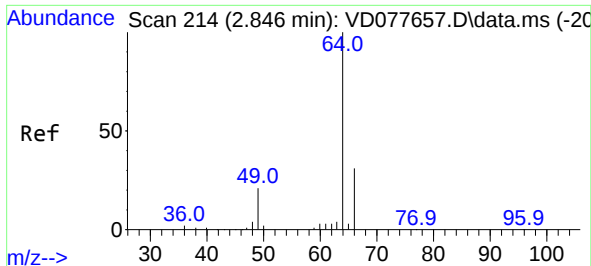
Tgt Ion: 62 Resp: 200100
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.9 44.5



#6
 Bromomethane
 Concen: 24.012 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.006 min
 Lab File: VD077662.D
 Acq: 22 Nov 2023 11:25

Tgt Ion: 94 Resp: 112700
 Ion Ratio Lower Upper
 94 100
 96 95.2 64.5 119.9

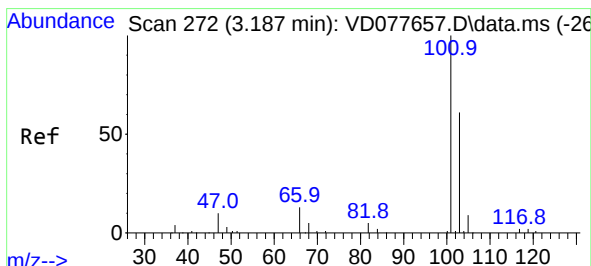
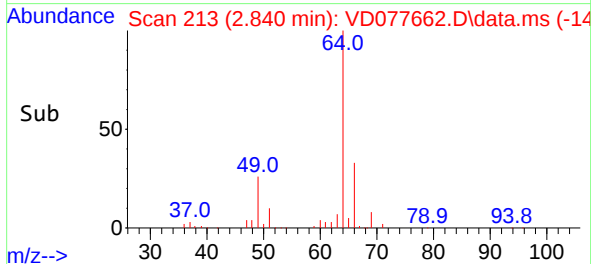
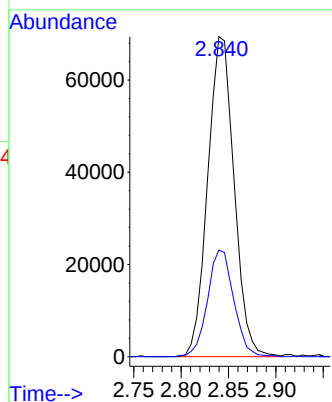
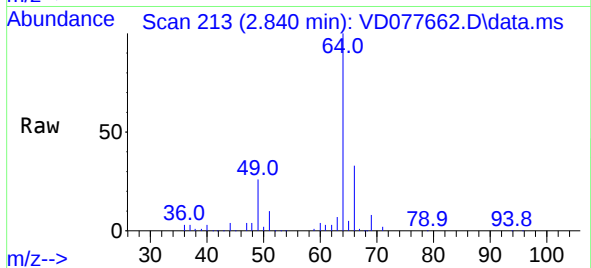




#8
Chloroethane
Concen: 24.508 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

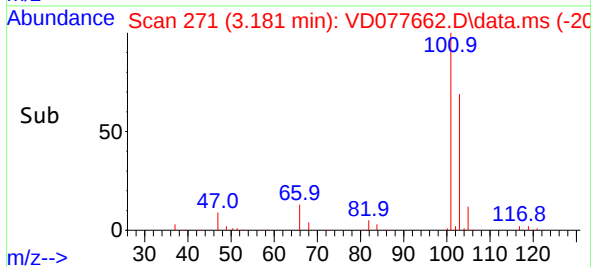
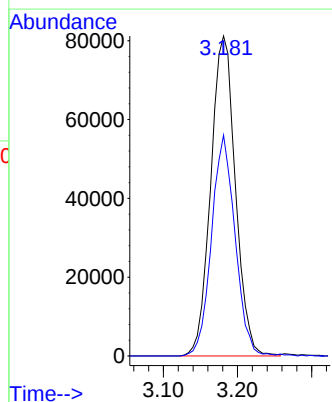
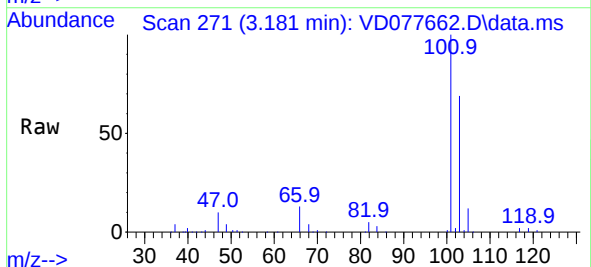
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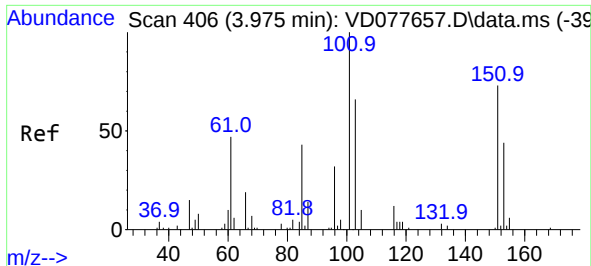
Tgt Ion: 64 Resp: 134318
Ion Ratio Lower Upper
64 100
66 33.4 19.8 36.8



#9
Trichlorofluoromethane
Concen: 23.400 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion:101 Resp: 187734
Ion Ratio Lower Upper
101 100
103 65.8 51.9 77.9

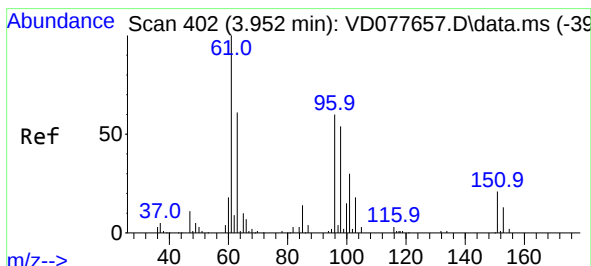
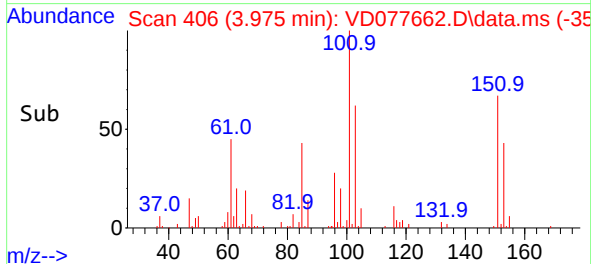
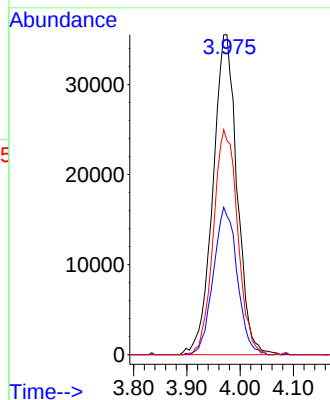
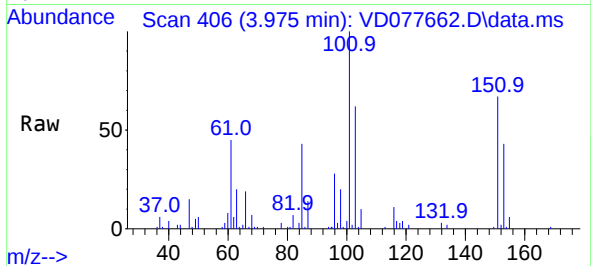




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.726 ug/L
RT: 3.975 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

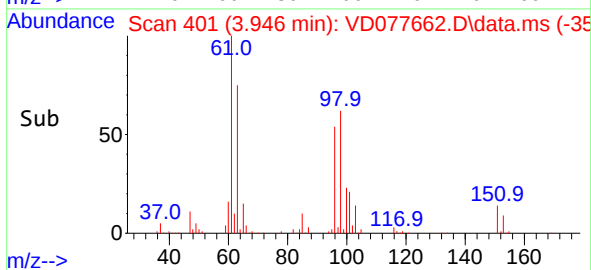
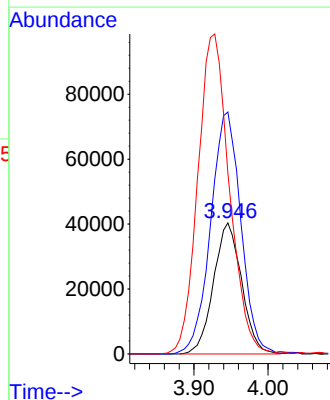
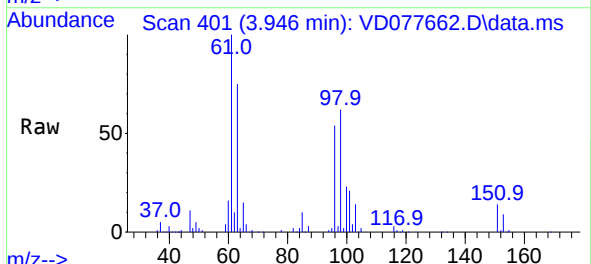
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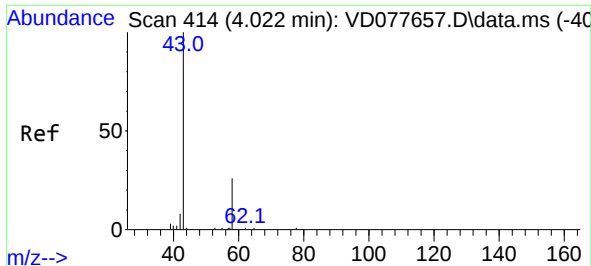
Tgt Ion:101 Resp: 112203
Ion Ratio Lower Upper
101 100
85 45.3 36.8 55.2
151 70.5 56.6 84.8



#12
1,1-Dichloroethene
Concen: 22.207 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion: 96 Resp: 106455
Ion Ratio Lower Upper
96 100
61 184.6 127.5 236.9
63 138.0 86.4 160.4





#13

Acetone

Concen: 34.070 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077662.D

Acq: 22 Nov 2023 11:25

Instrument :

MSVOA_D

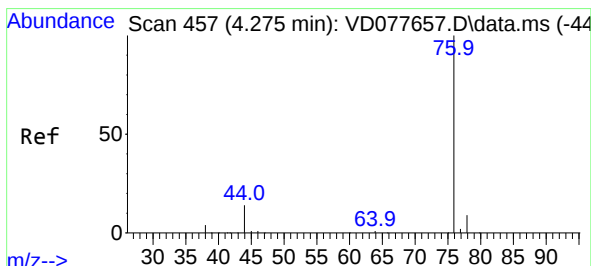
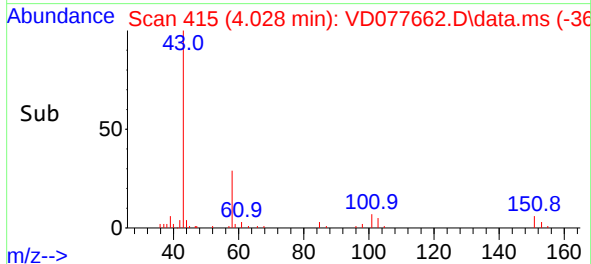
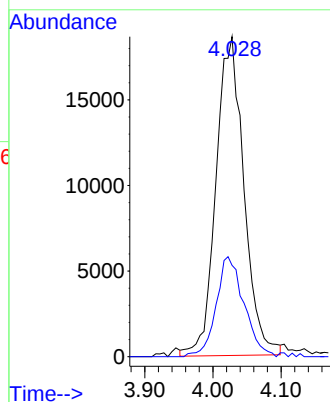
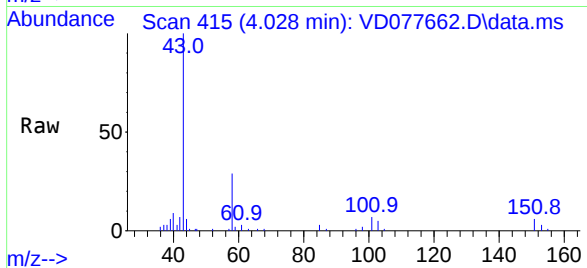
ClientSampleId :

Tgt Ion: 43 Resp: 53171

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.0



#14

Carbon disulfide

Concen: 16.438 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.006 min

Lab File: VD077662.D

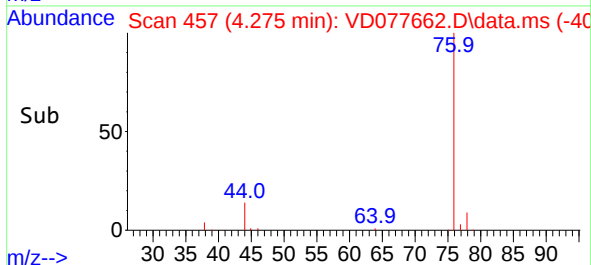
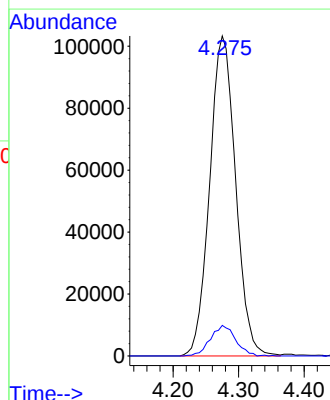
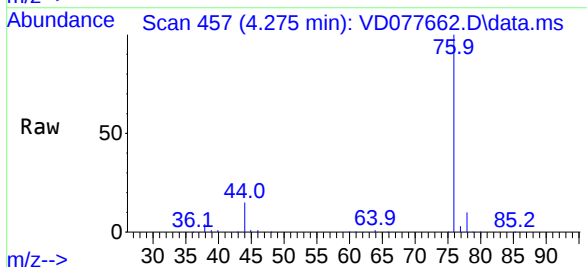
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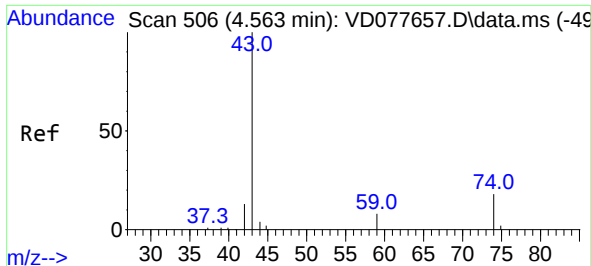
Tgt Ion: 76 Resp: 283748

Ion Ratio Lower Upper

76 100

78 9.6 6.9 10.3

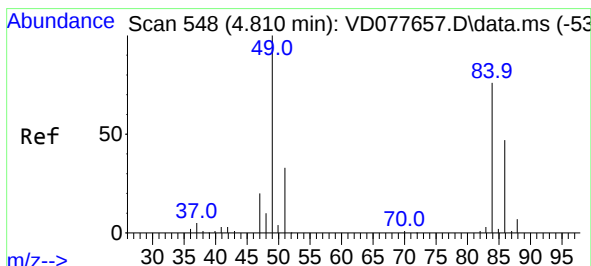
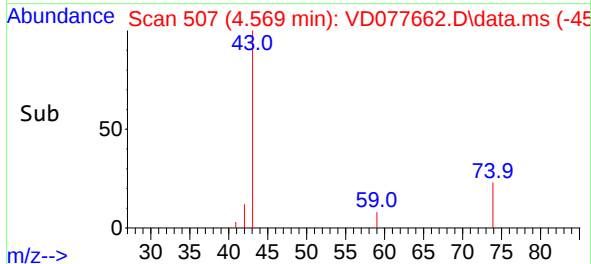
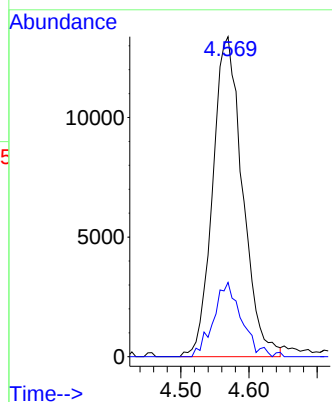
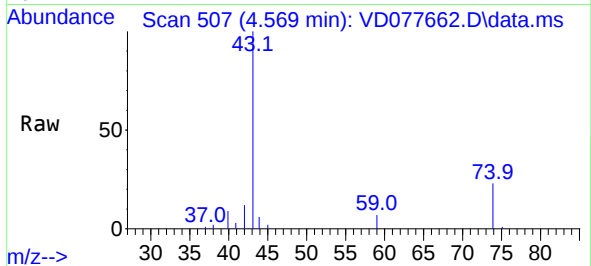




#15
Methyl Acetate
Concen: 15.874 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

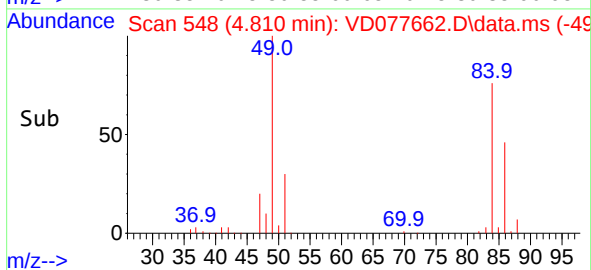
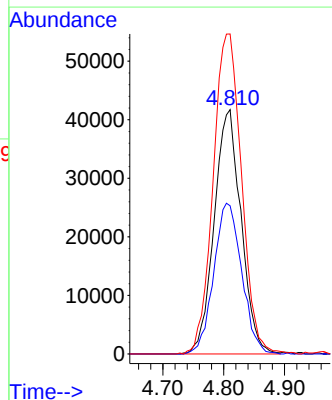
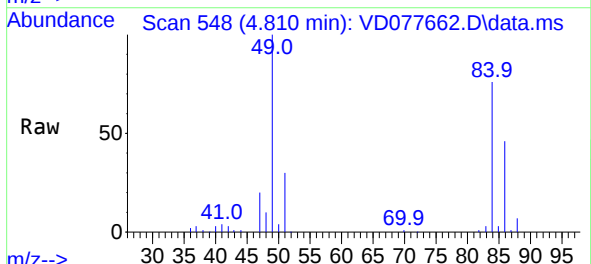
Instrument :
MSVOA_D
ClientSampleId :

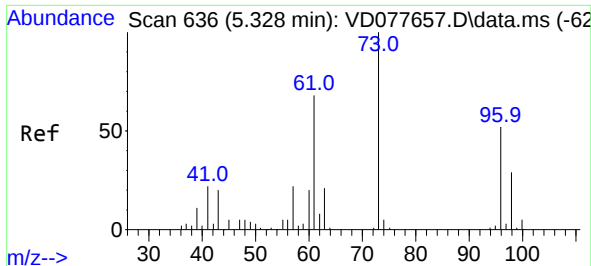
Tgt Ion: 43 Resp: 40757
Ion Ratio Lower Upper
43 100
74 20.9 16.6 24.8



#16
Methylene chloride
Concen: 22.540 ug/L
RT: 4.810 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion: 84 Resp: 128291
Ion Ratio Lower Upper
84 100
86 60.6 46.5 86.5
49 131.0 98.3 182.7

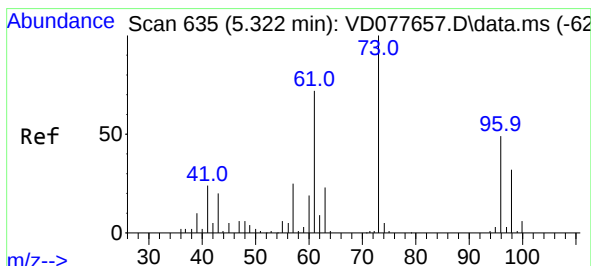
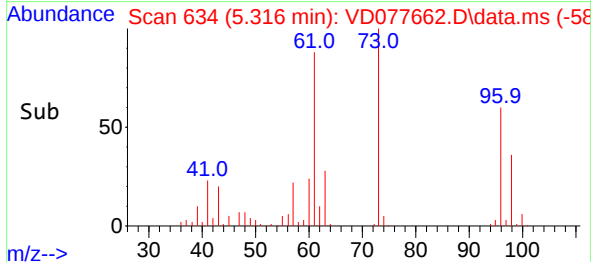
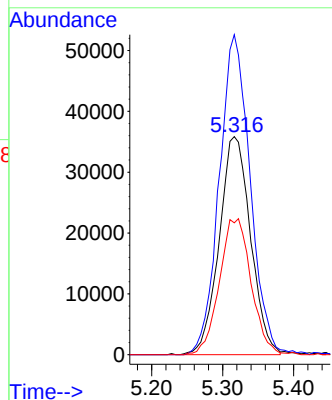
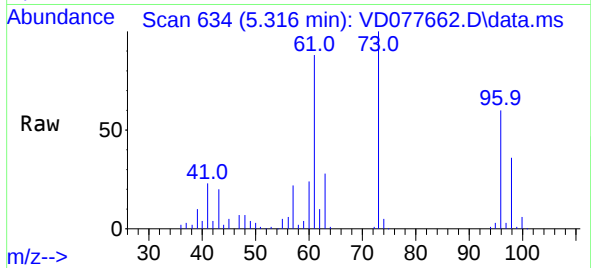




#17
trans-1,2-Dichloroethene
Concen: 21.809 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

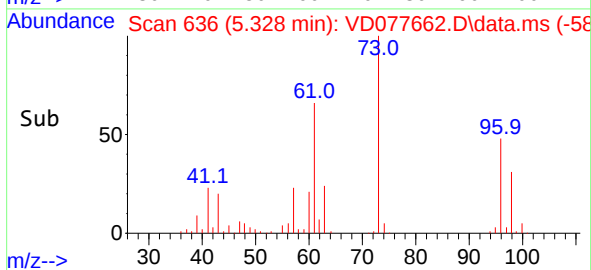
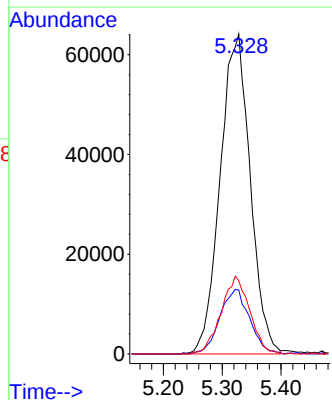
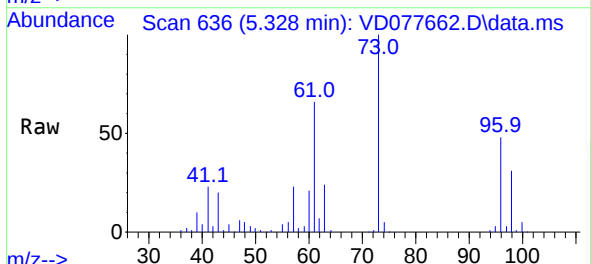
Instrument :
MSVOA_D
ClientSampleId :

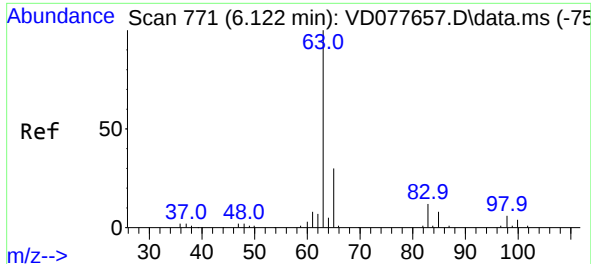
Tgt Ion: 96 Resp: 109977
Ion Ratio Lower Upper
96 100
61 146.7 104.0 193.2
98 60.5 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 19.234 ug/L
RT: 5.328 min Scan# 636
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion: 73 Resp: 227643
Ion Ratio Lower Upper
73 100
43 20.1 16.4 24.6
57 23.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.894 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.006 min

Lab File: VD077662.D

Acq: 22 Nov 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

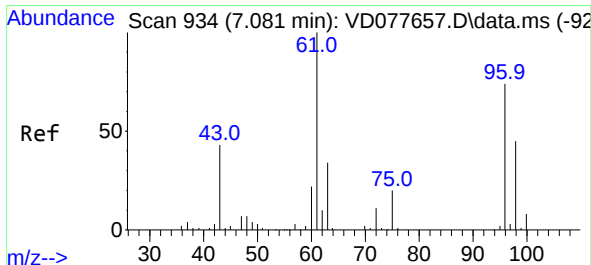
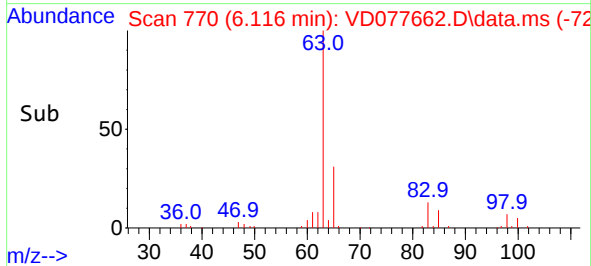
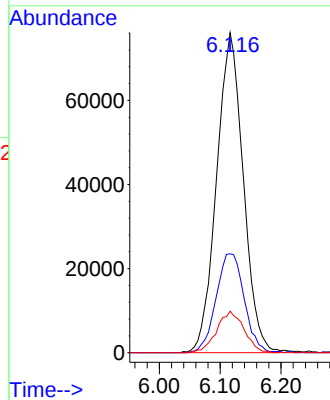
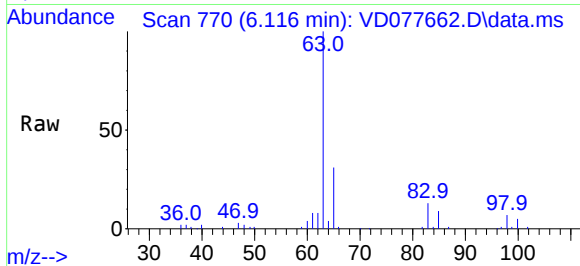
Tgt Ion: 63 Resp: 231631

Ion Ratio Lower Upper

63 100

65 30.9 22.6 42.0

83 12.9 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 22.718 ug/L

RT: 7.087 min Scan# 935

Delta R.T. -0.000 min

Lab File: VD077662.D

Acq: 22 Nov 2023 11:25

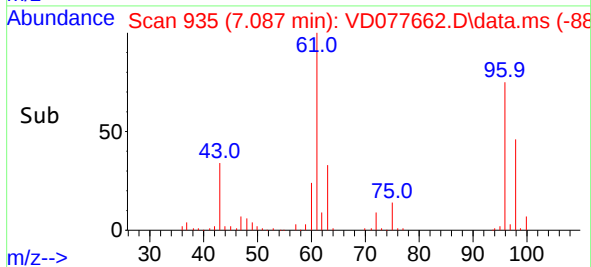
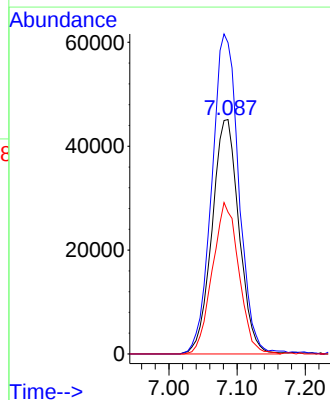
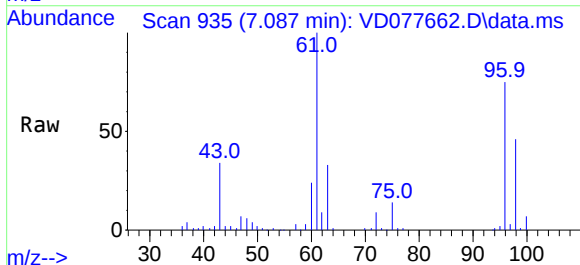
Tgt Ion: 96 Resp: 124462

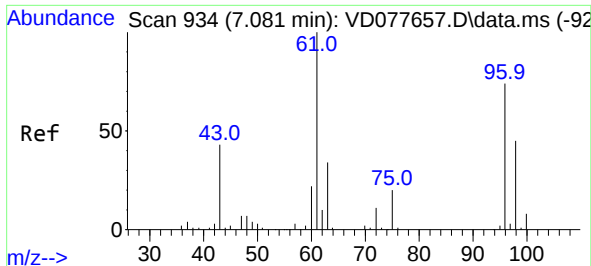
Ion Ratio Lower Upper

96 100

61 132.8 95.0 176.4

98 60.5 43.1 80.1

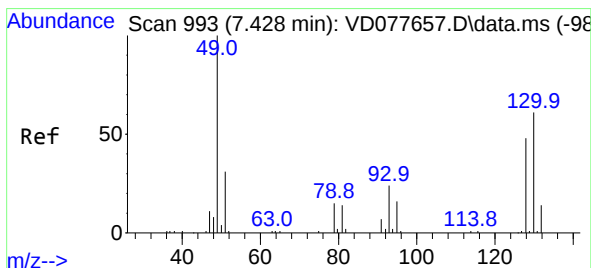
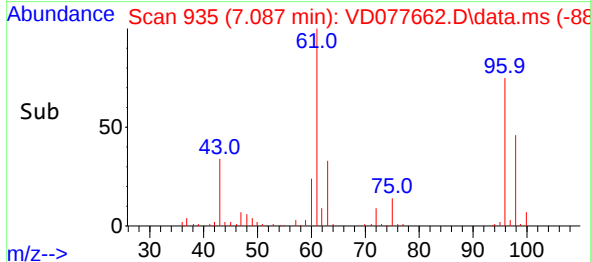
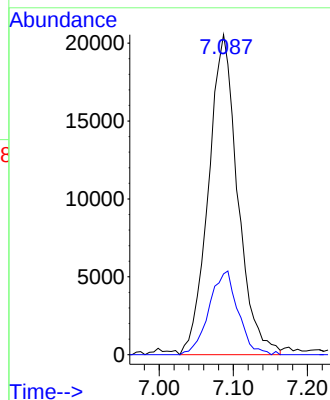
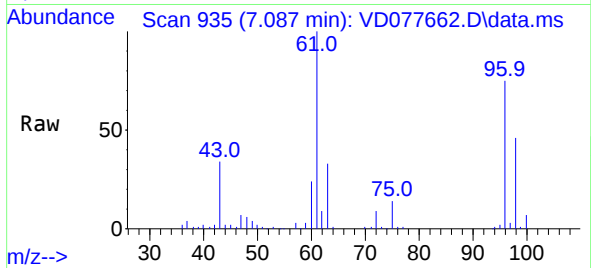




#22
2-Butanone
Concen: 30.000 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

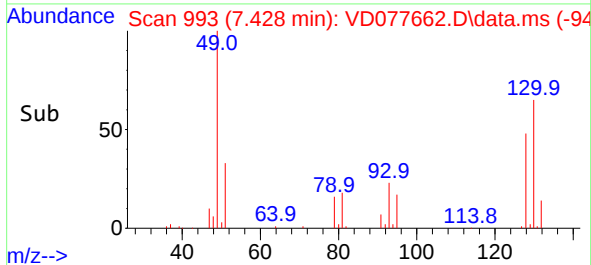
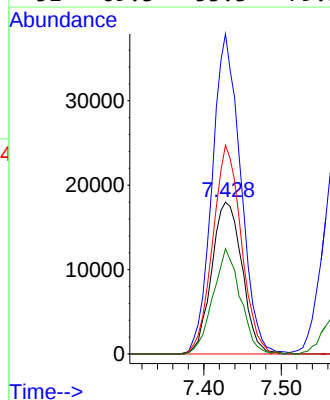
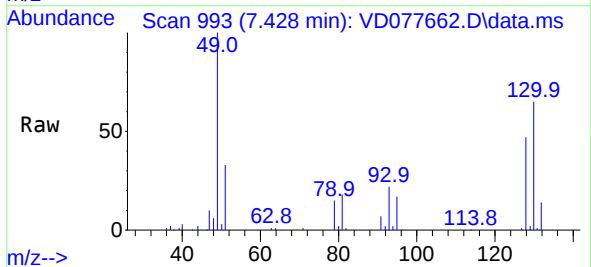
Instrument :
MSVOA_D
ClientSampleId :

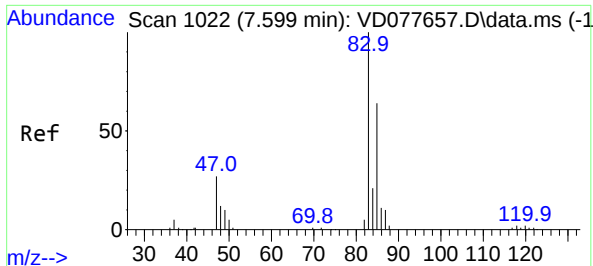
Tgt Ion: 43 Resp: 56333
Ion Ratio Lower Upper
43 100
72 25.9 12.8 38.4



#23
Bromochloromethane
Concen: 22.271 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion:128 Resp: 49026
Ion Ratio Lower Upper
128 100
49 210.6 146.7 272.5
130 137.4 83.2 154.6
51 69.3 53.3 79.9





#25

Chloroform

Concen: 23.991 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077662.D

Acq: 22 Nov 2023 11:25

Instrument :

MSVOA_D

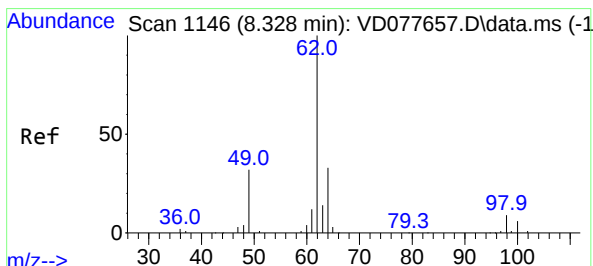
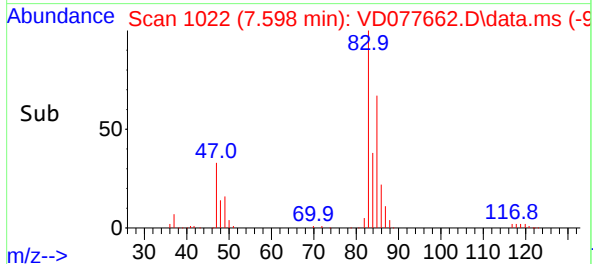
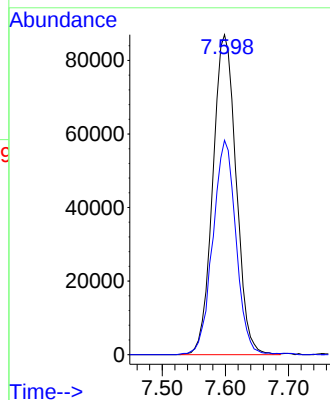
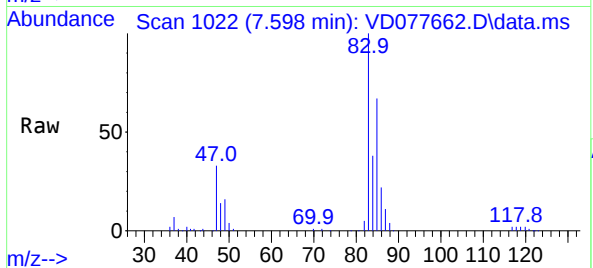
ClientSampleId :

Tgt Ion: 83 Resp: 222983

Ion Ratio Lower Upper

83 100

85 67.0 45.9 85.3



#27

1,2-Dichloroethane

Concen: 21.861 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD077662.D

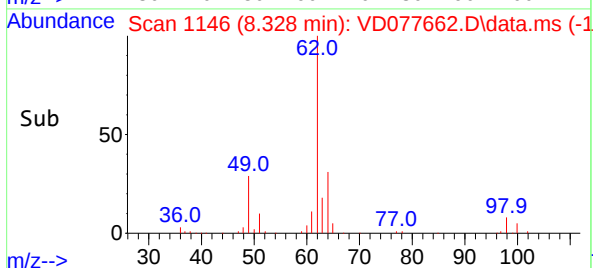
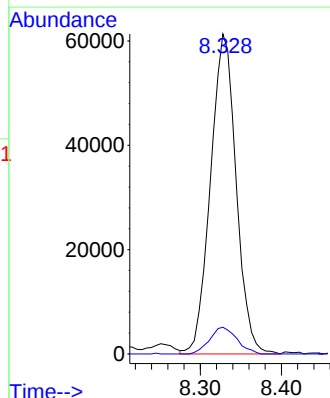
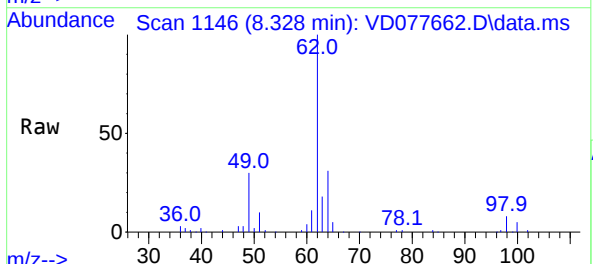
Acq: 22 Nov 2023 11:25

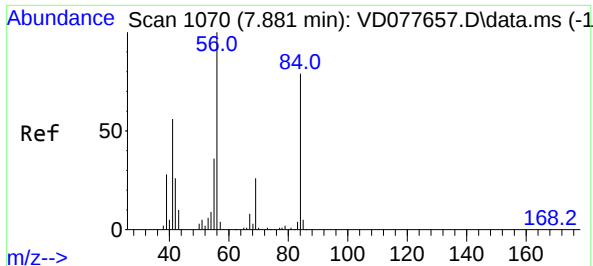
Tgt Ion: 62 Resp: 134692

Ion Ratio Lower Upper

62 100

98 8.4 8.0 12.0





#29

Cyclohexane

Concen: 17.136 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VD077662.D

Acq: 22 Nov 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

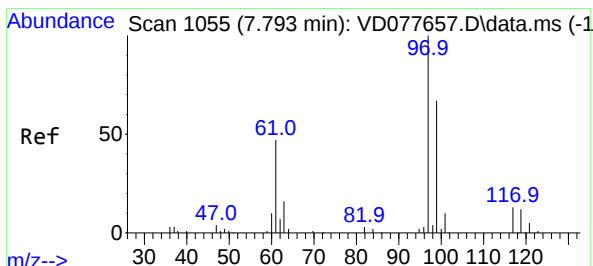
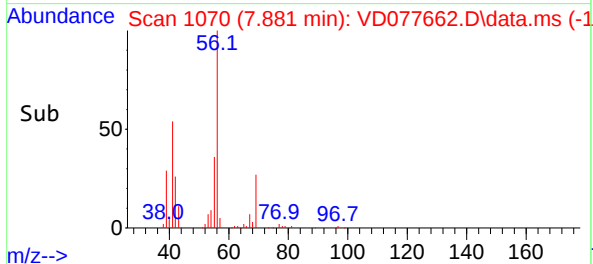
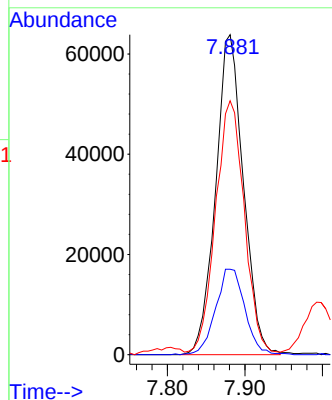
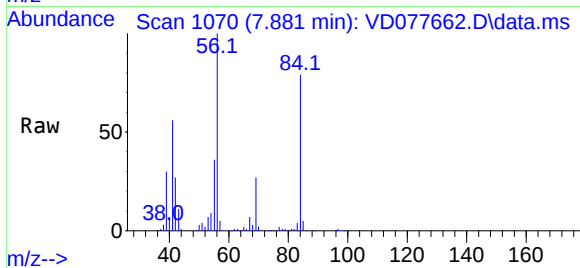
Tgt Ion: 56 Resp: 159180

Ion Ratio Lower Upper

56 100

69 28.0 22.6 33.8

84 82.2 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 25.315 ug/L

RT: 7.798 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD077662.D

Acq: 22 Nov 2023 11:25

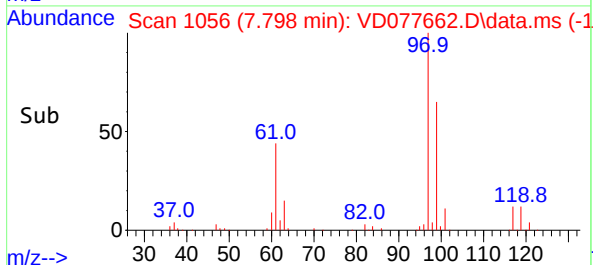
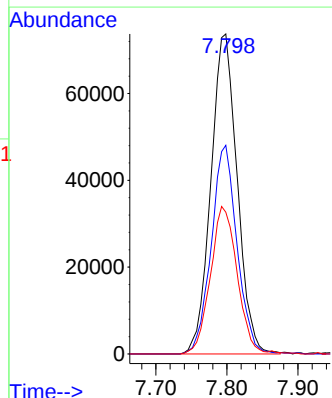
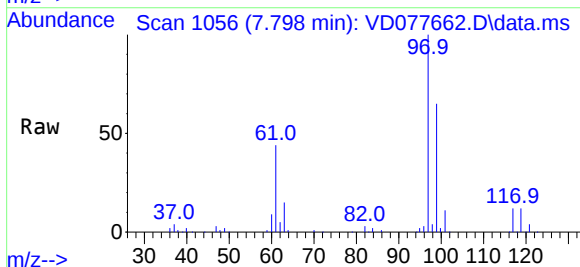
Tgt Ion: 97 Resp: 189600

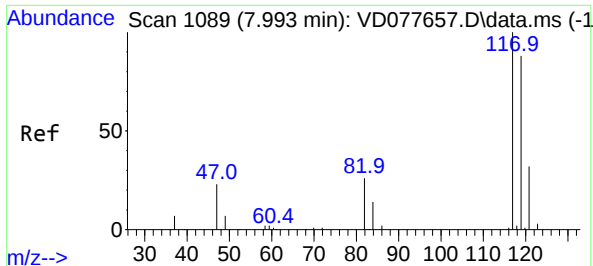
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 46.7 38.1 57.1

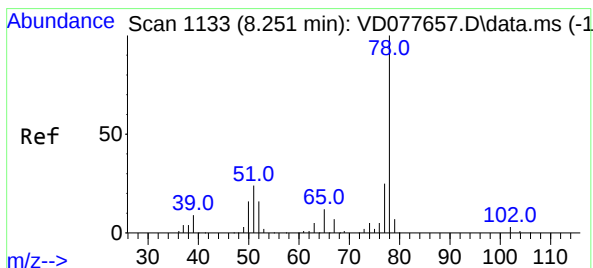
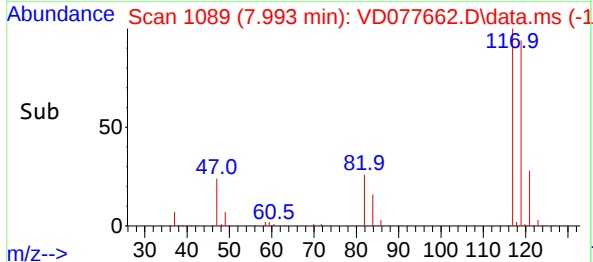
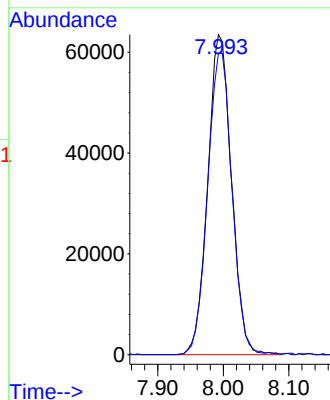
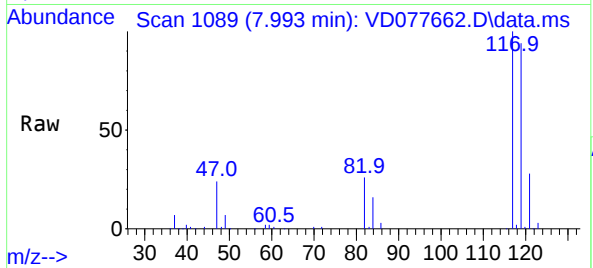




#31
Carbon tetrachloride
Concen: 24.834 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

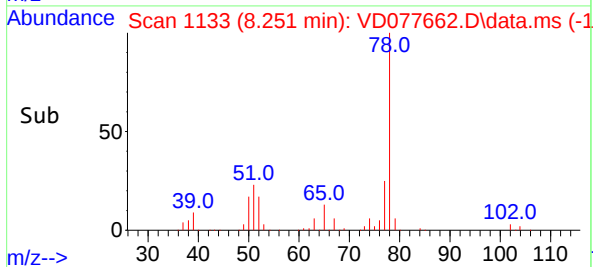
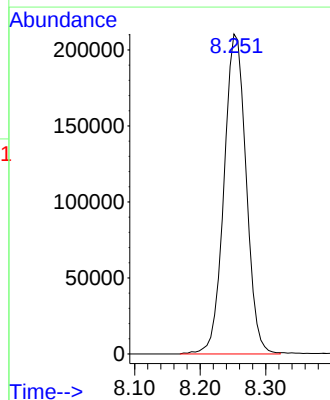
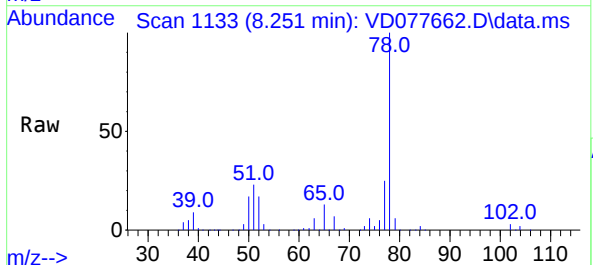
Instrument :
MSVOA_D
ClientSampleId :

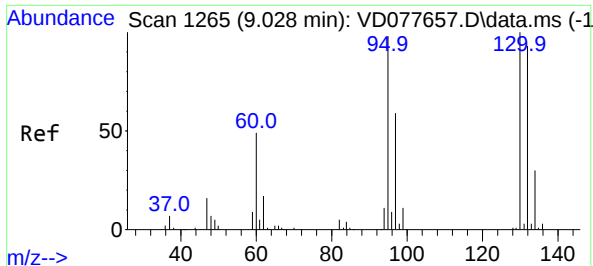
Tgt Ion:117 Resp: 159845
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0



#33
Benzene
Concen: 24.876 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

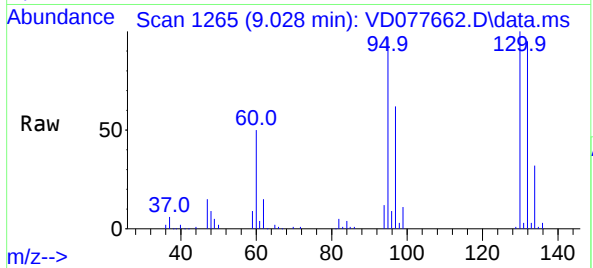
Tgt Ion: 78 Resp: 493522



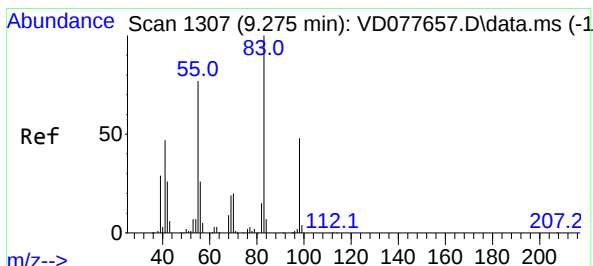
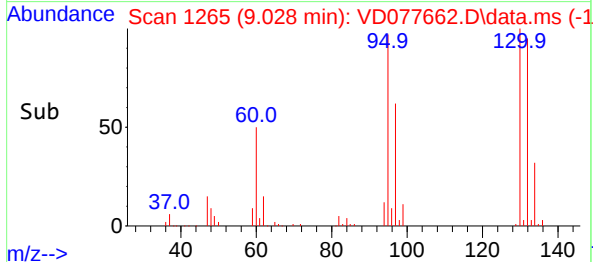
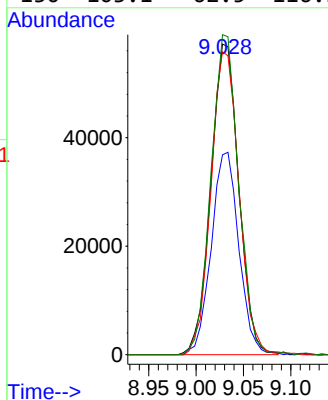


#34
Trichloroethene
Concen: 23.922 ug/L
RT: 9.028 min Scan# 117602
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

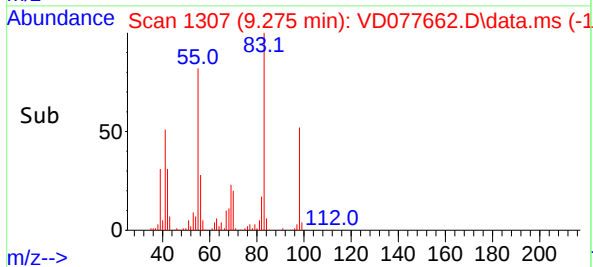
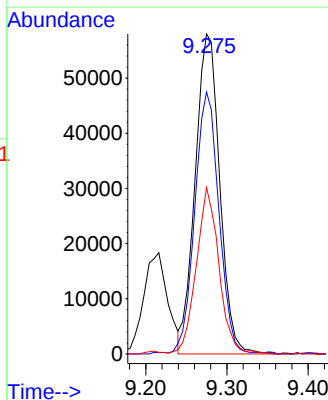
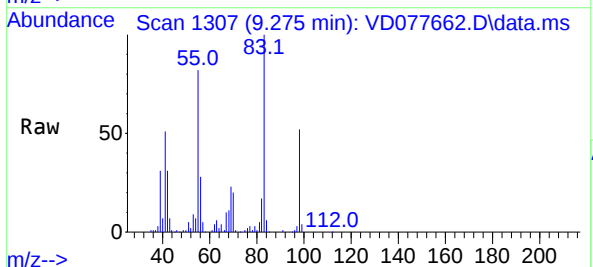


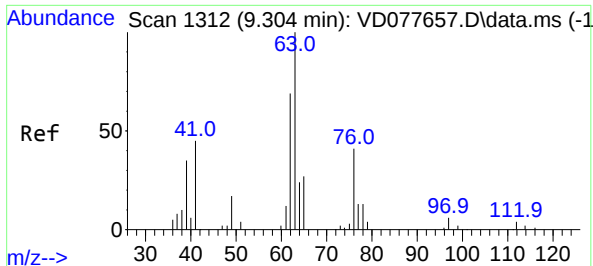
Tgt Ion: 95 Resp: 117602
Ion Ratio Lower Upper
95 100
97 64.4 42.4 78.6
132 97.5 59.4 110.2
130 103.1 62.5 116.1



#35
Methylcyclohexane
Concen: 13.757 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion: 83 Resp: 122041
Ion Ratio Lower Upper
83 100
55 80.7 66.5 99.7
98 47.0 37.4 56.2

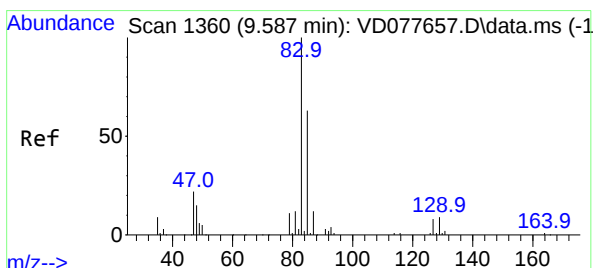
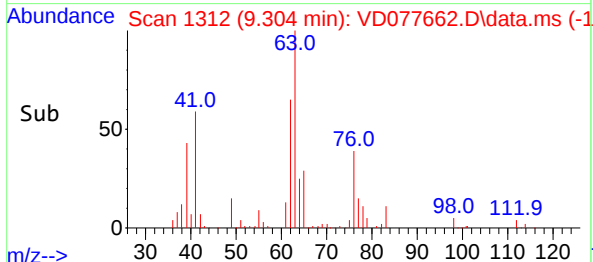
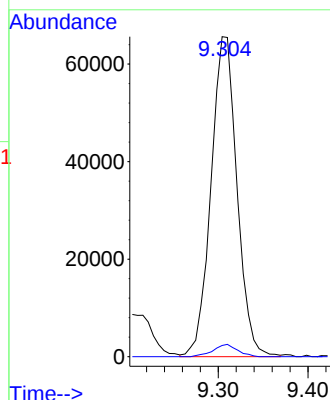
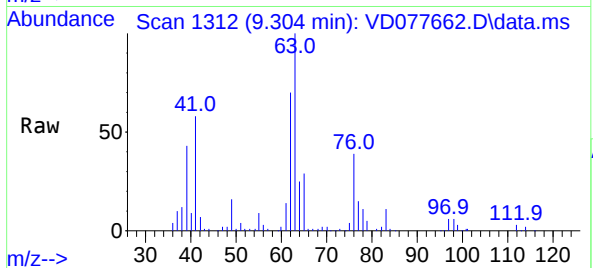




#37
1,2-Dichloropropane
Concen: 23.949 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

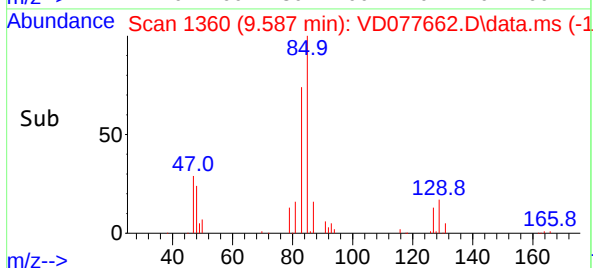
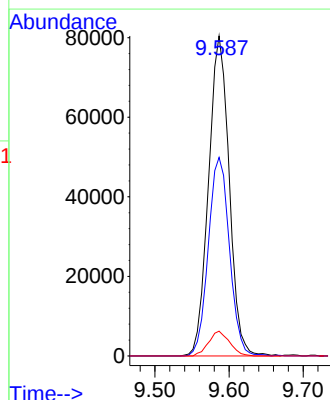
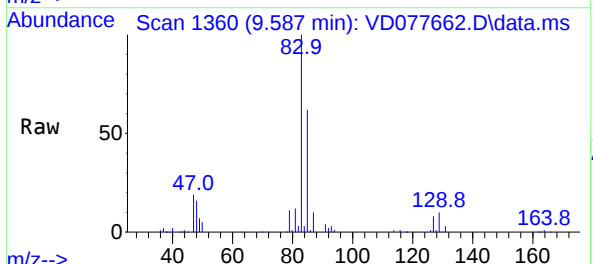
Instrument :
MSVOA_D
ClientSampleId :

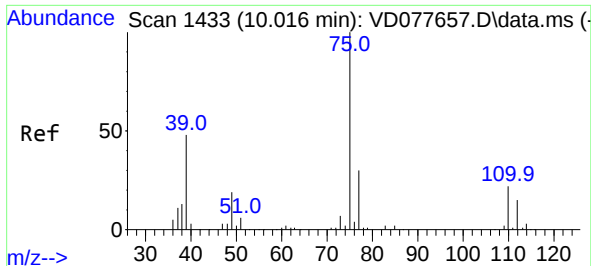
Tgt Ion: 63 Resp: 132088
Ion Ratio Lower Upper
63 100
112 3.6 3.2 4.8



#38
Bromodichloromethane
Concen: 24.611 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

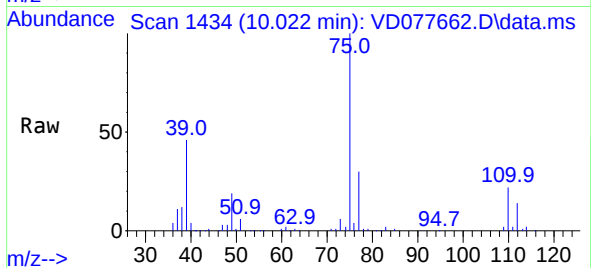
Tgt Ion: 83 Resp: 155697
Ion Ratio Lower Upper
83 100
85 62.1 42.4 78.8
127 7.8 6.4 9.6



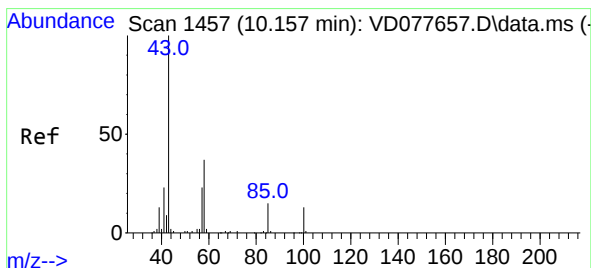
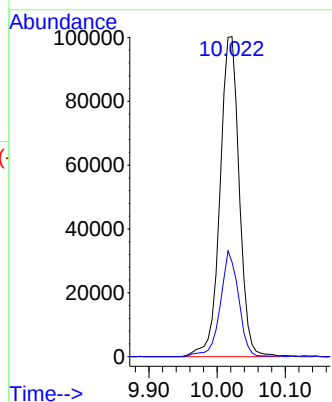
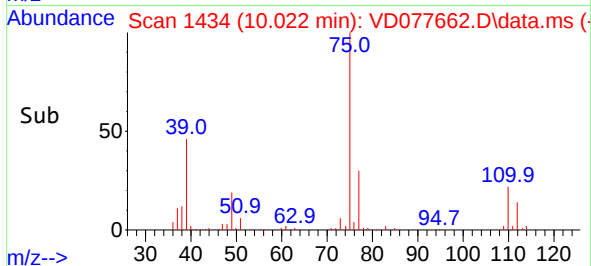


#39
cis-1,3-Dichloropropene
Concen: 23.285 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

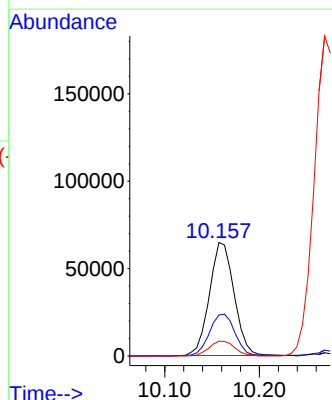
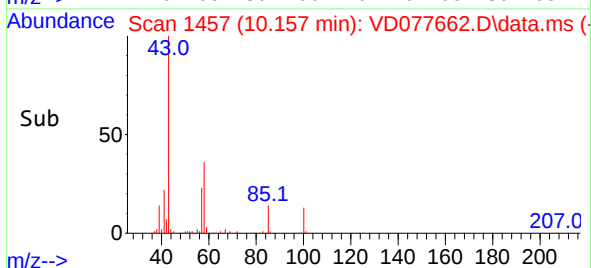
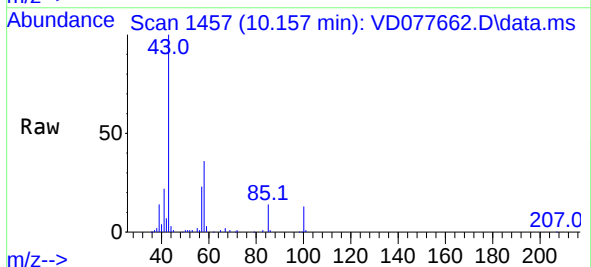


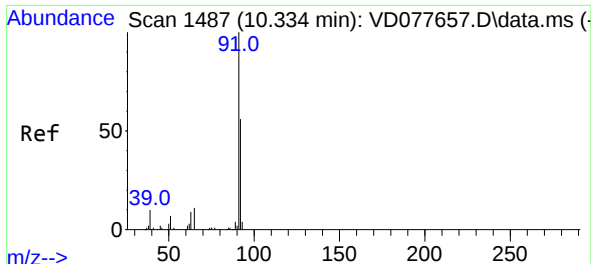
Tgt Ion: 75 Resp: 197343
Ion Ratio Lower Upper
75 100
77 29.6 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 34.748 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion: 43 Resp: 116788
Ion Ratio Lower Upper
43 100
58 38.6 29.8 44.8
100 13.7 9.5 14.3

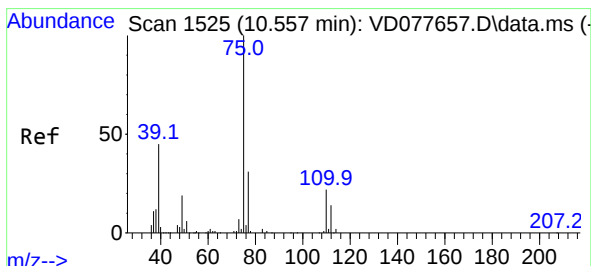
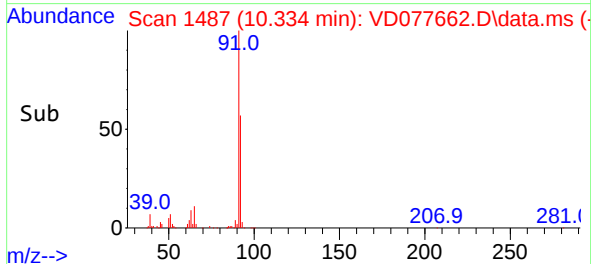
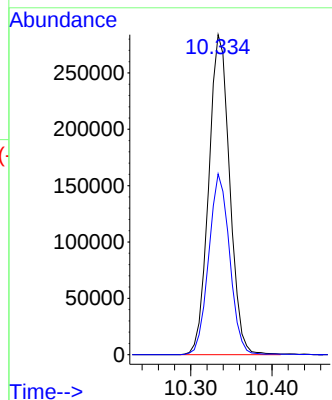
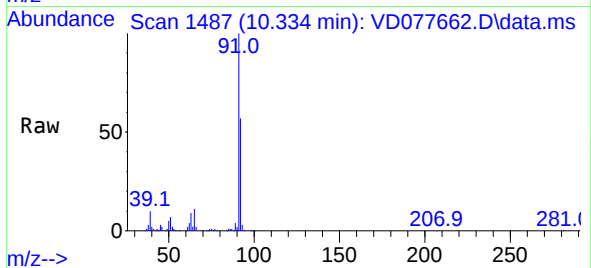




#42
Toluene
Concen: 24.462 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

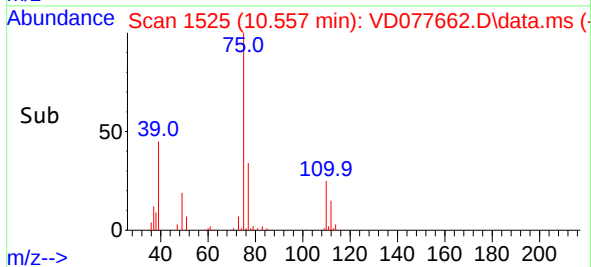
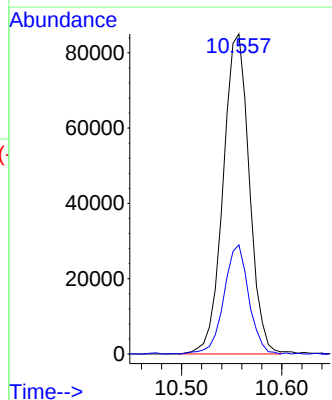
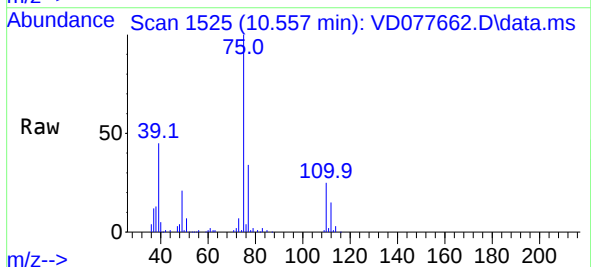
Instrument :
MSVOA_D
ClientSampleId :

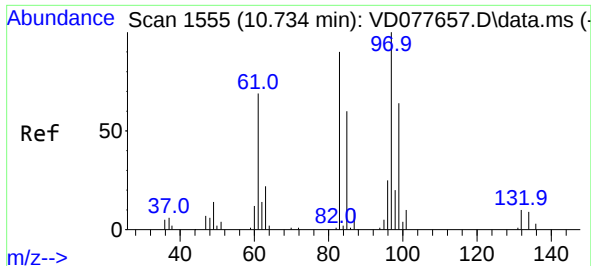
Tgt Ion: 91 Resp: 509545
Ion Ratio Lower Upper
91 100
92 56.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 22.017 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion: 75 Resp: 154185
Ion Ratio Lower Upper
75 100
77 34.1 22.3 41.5



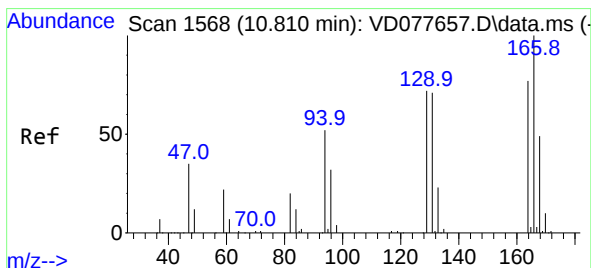
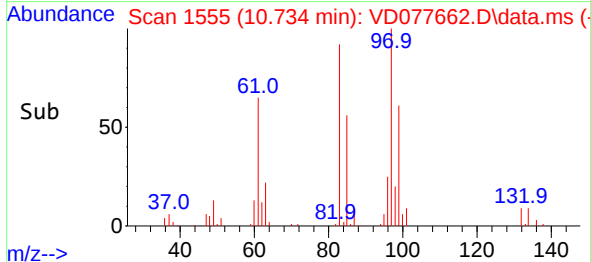
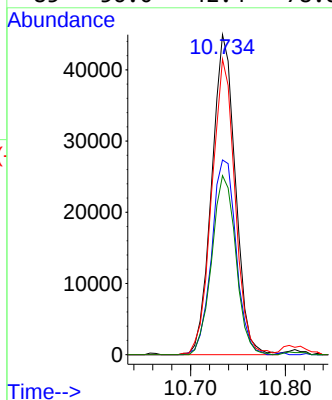
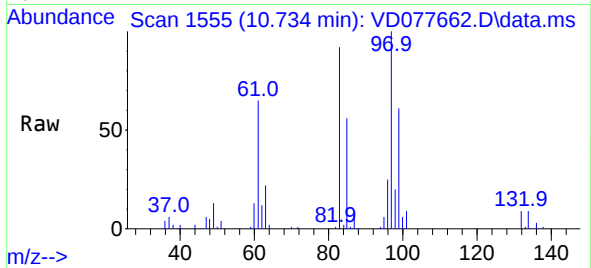


#45
1,1,2-Trichloroethane
Concen: 23.048 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 77704

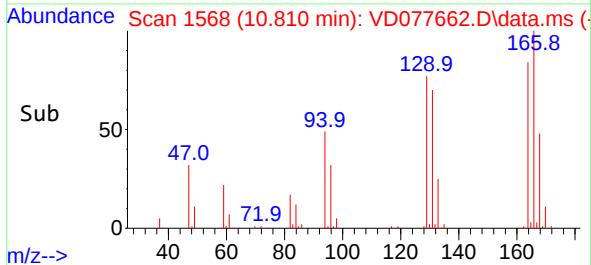
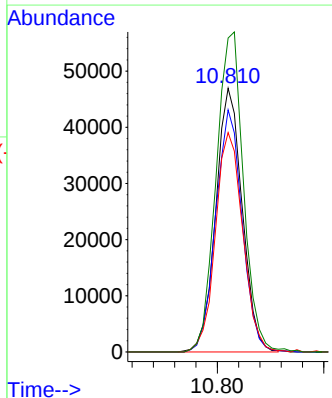
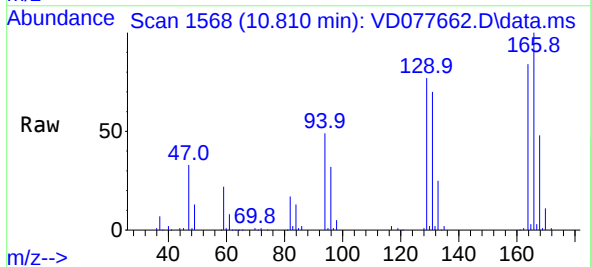
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.5	80.7
83	92.4	63.1	117.3
85	56.0	42.4	78.8

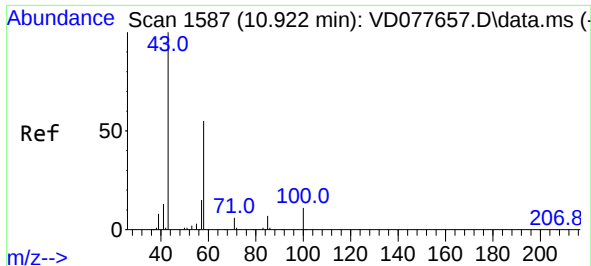


#46
Tetrachloroethene
Concen: 22.335 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion:164 Resp: 80790

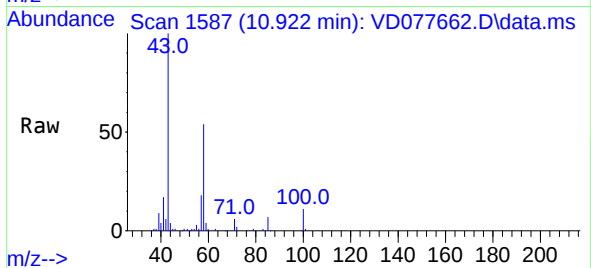
Ion	Ratio	Lower	Upper
164	100		
129	91.8	60.6	112.6
131	83.2	61.6	114.4
166	119.1	85.4	158.6



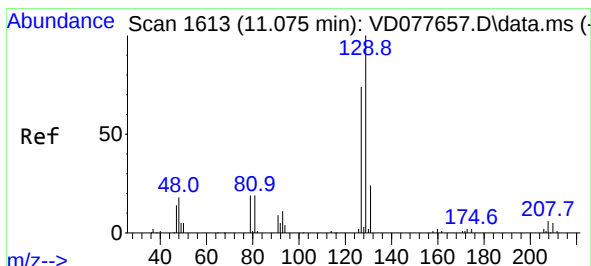
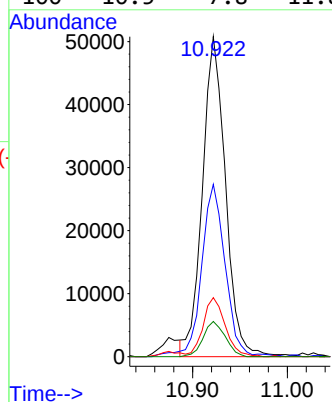
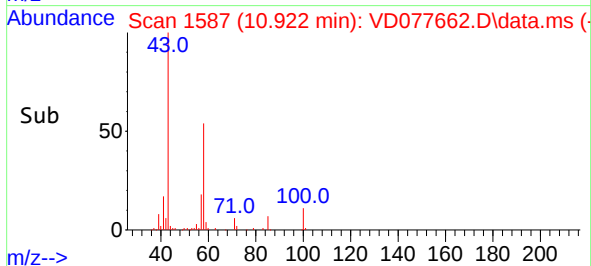


#48
2-Hexanone
Concen: 32.281 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

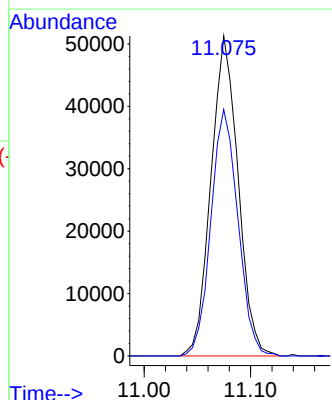
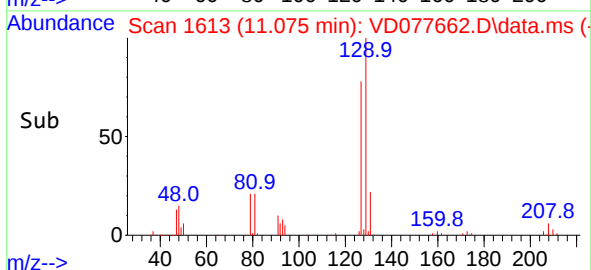
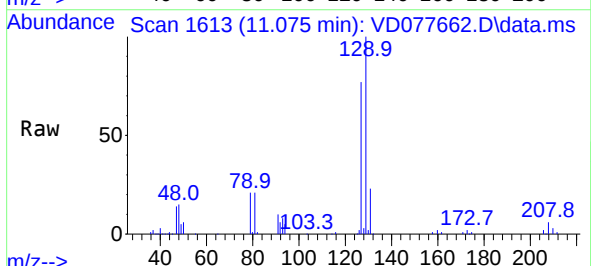


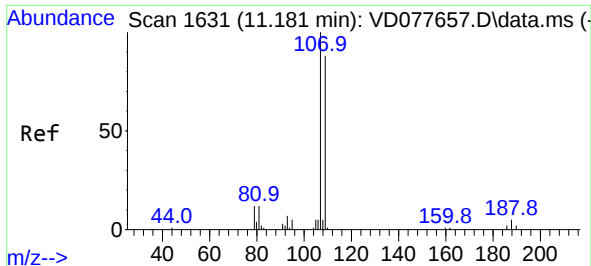
Tgt Ion: 43 Resp: 86001
Ion Ratio Lower Upper
43 100
58 54.6 40.8 61.2
57 17.7 13.7 20.5
100 10.5 7.8 11.8



#49
Dibromochloromethane
Concen: 23.711 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion: 129 Resp: 90805
Ion Ratio Lower Upper
129 100
127 77.0 54.9 102.1

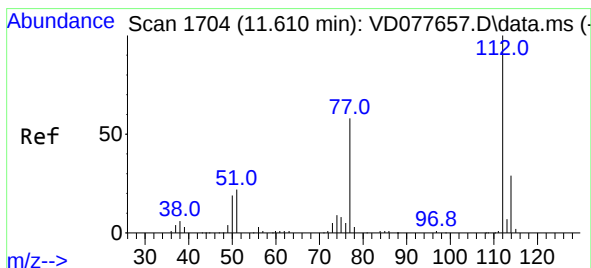
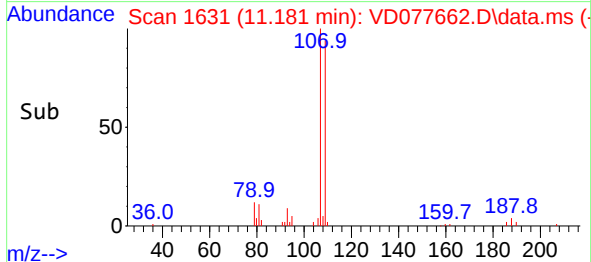
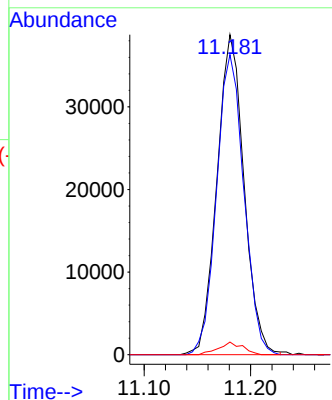
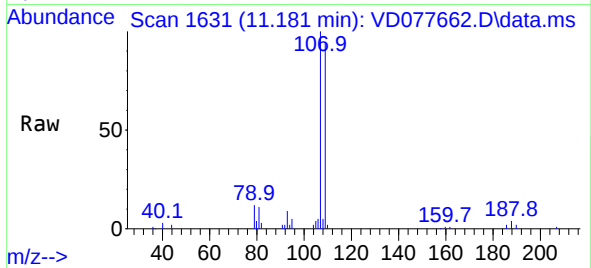




#50
1,2-Dibromoethane
Concen: 21.220 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

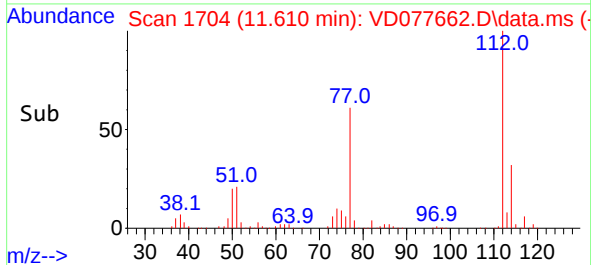
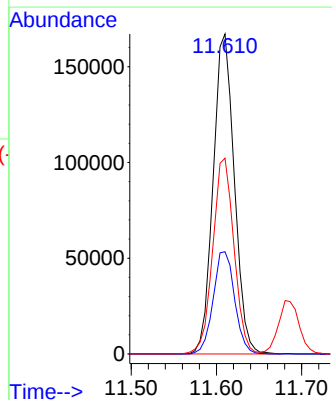
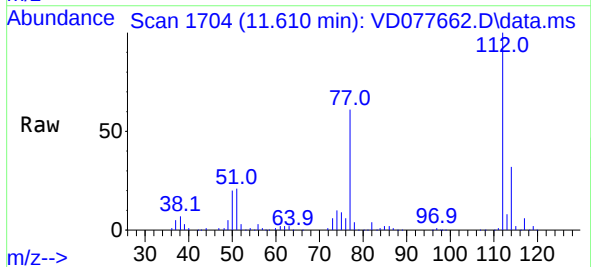
Instrument :
MSVOA_D
ClientSampleId :

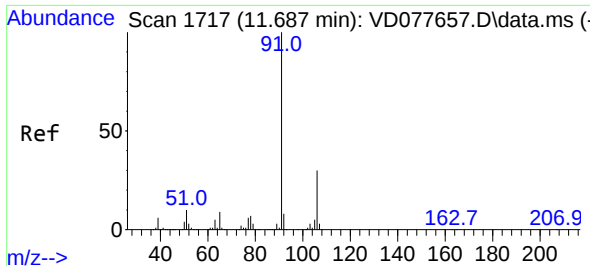
Tgt Ion:107 Resp: 68414
Ion Ratio Lower Upper
107 100
109 93.7 64.8 120.3
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 23.699 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion:112 Resp: 289203
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 61.2 49.6 74.4

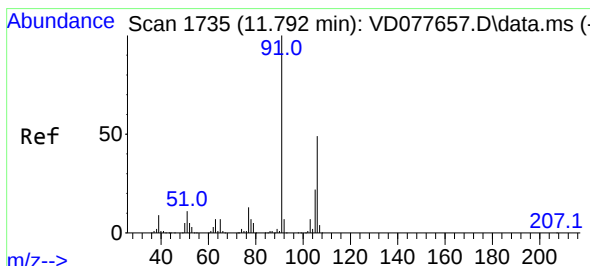
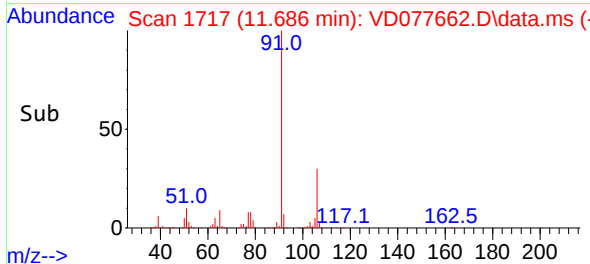
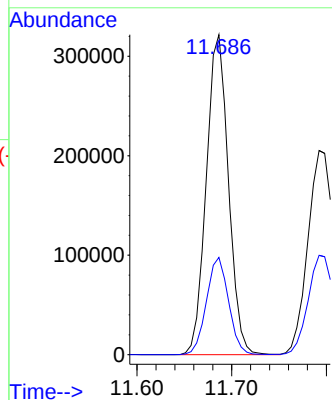
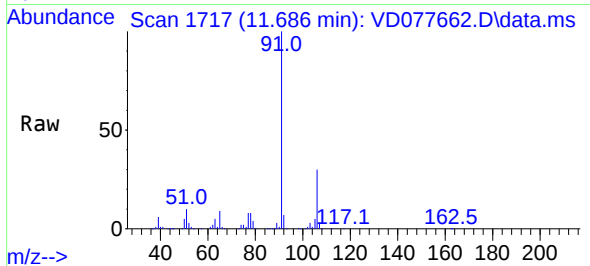




#52
Ethylbenzene
Concen: 22.827 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

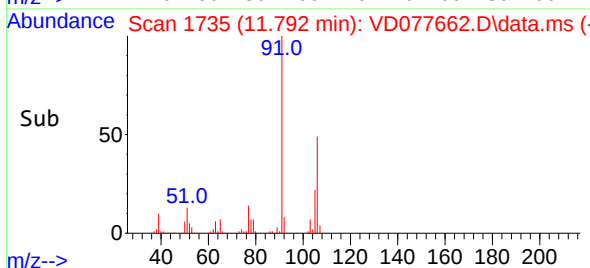
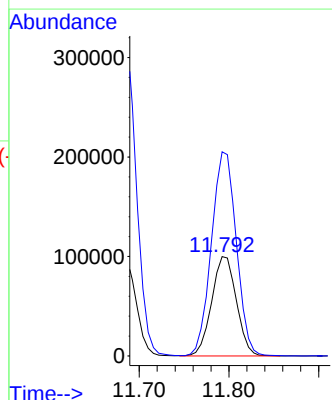
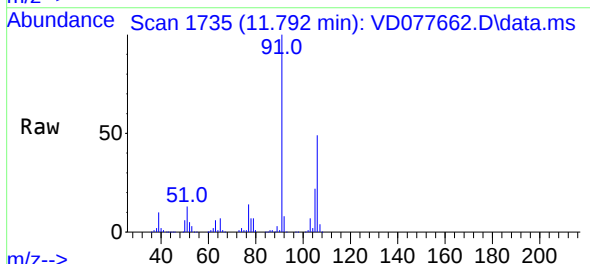
Instrument :
MSVOA_D
ClientSampleId :

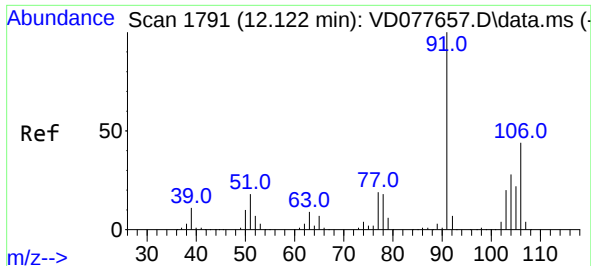
Tgt Ion: 91 Resp: 523187
Ion Ratio Lower Upper
91 100
106 30.4 22.0 40.8



#53
m,p-Xylene
Concen: 22.887 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion:106 Resp: 190884
Ion Ratio Lower Upper
106 100
91 205.3 146.7 272.4

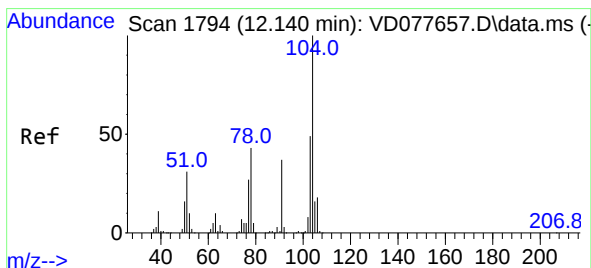
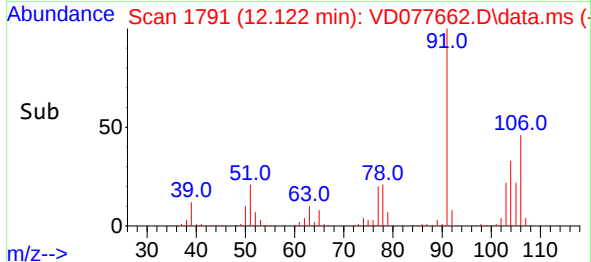
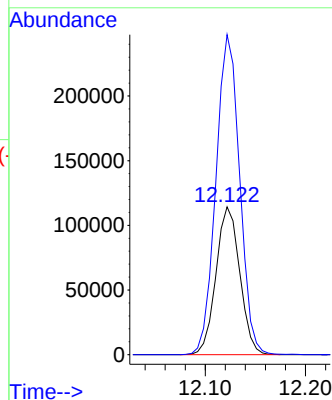
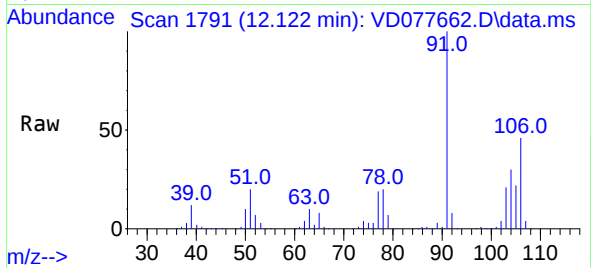




#54
o-Xylene
Concen: 23.582 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

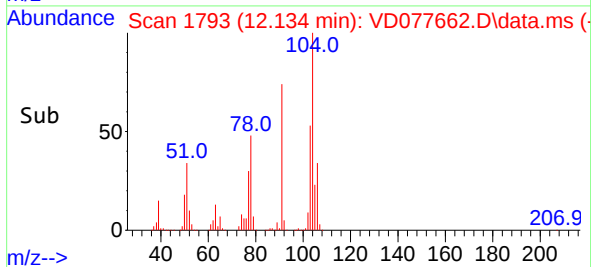
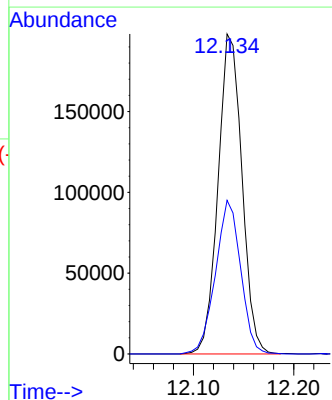
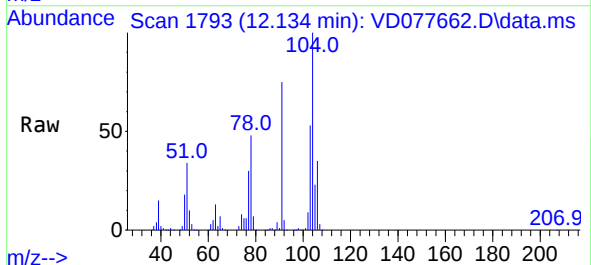
Instrument :
MSVOA_D
ClientSampleId :

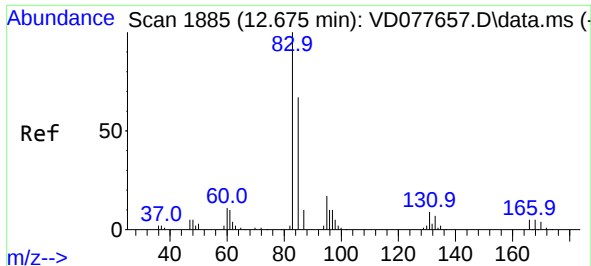
Tgt Ion:106 Resp: 188367
Ion Ratio Lower Upper
106 100
91 216.6 158.5 294.4



#55
Styrene
Concen: 23.505 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion:104 Resp: 327831
Ion Ratio Lower Upper
104 100
78 48.0 34.9 64.9

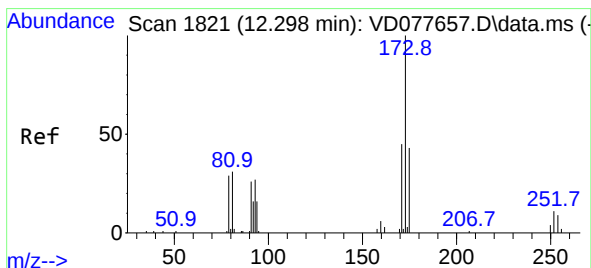
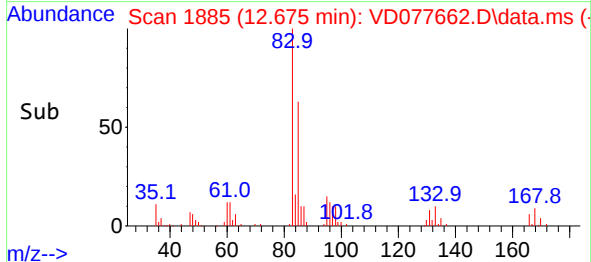
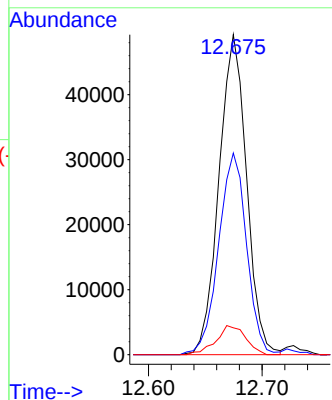
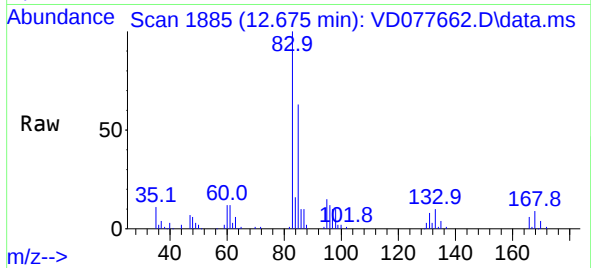




#57
1,1,2,2-Tetrachloroethane
Concen: 20.901 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

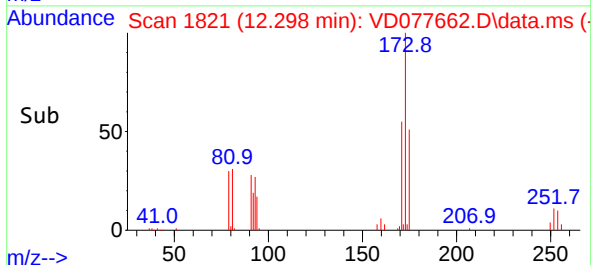
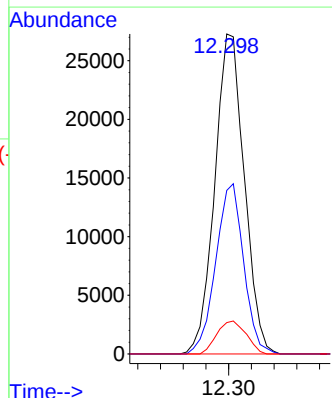
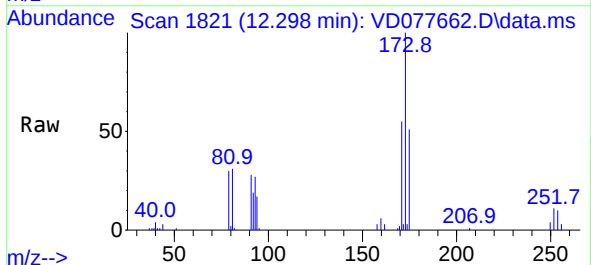
Instrument :
MSVOA_D
ClientSampleId :

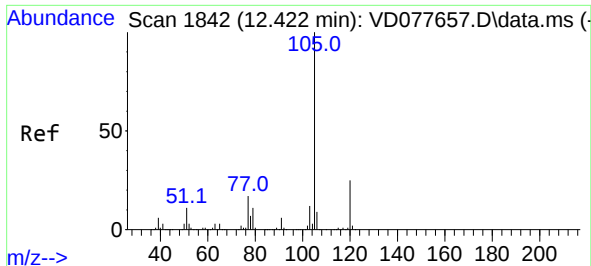
Tgt Ion: 83 Resp: 83012
Ion Ratio Lower Upper
83 100
85 63.0 44.9 83.3
131 8.4 7.2 10.8



#59
Bromoform
Concen: 24.098 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

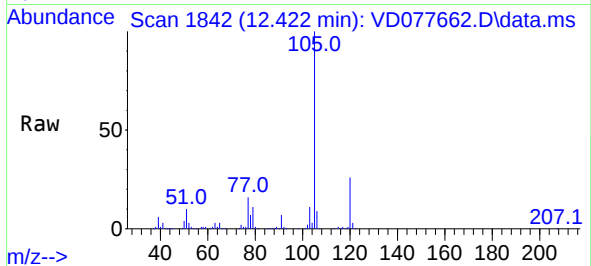
Tgt Ion:173 Resp: 49276
Ion Ratio Lower Upper
173 100
175 50.2 38.2 57.2
254 10.2 7.1 10.7



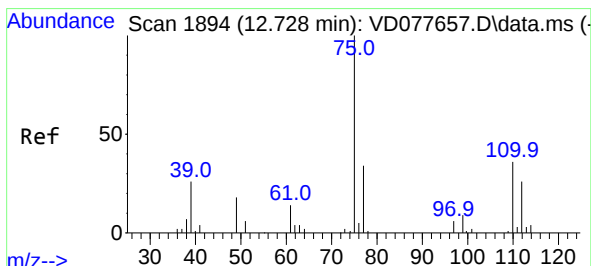
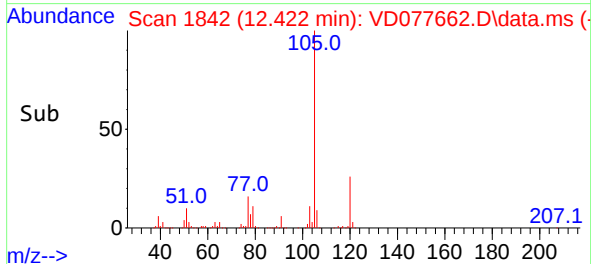
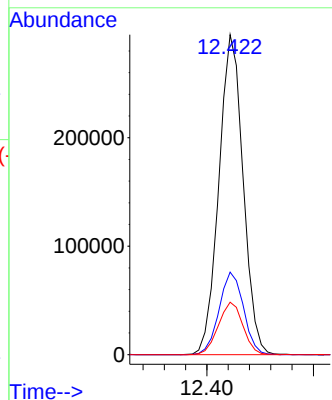


#60
Isopropylbenzene
Concen: 23.987 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

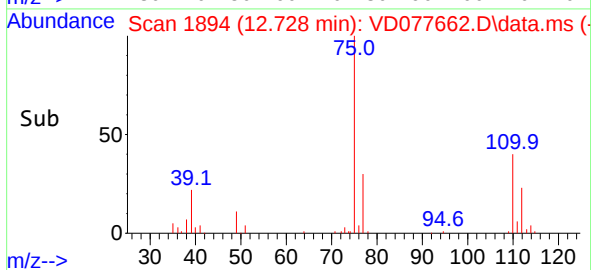
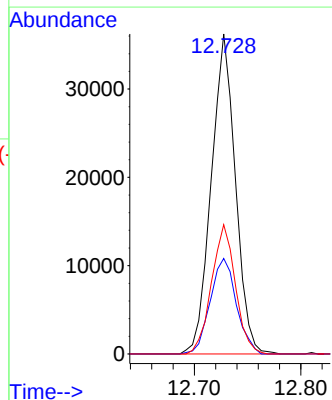
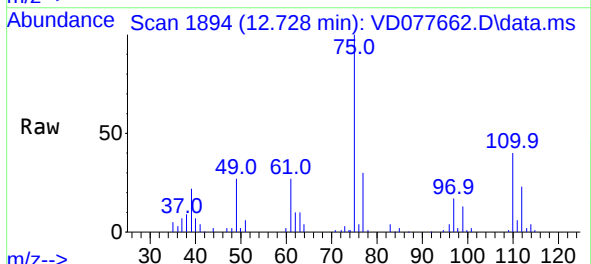


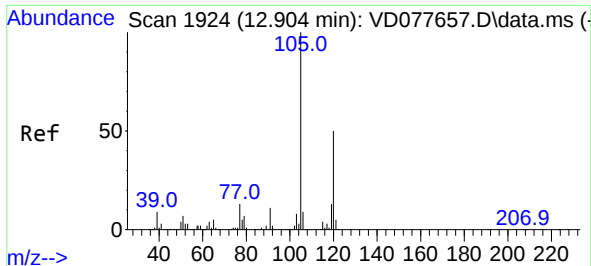
Tgt Ion:105 Resp: 465336
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 16.6 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 22.300 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion: 75 Resp: 56970
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
110 39.9 29.6 44.4

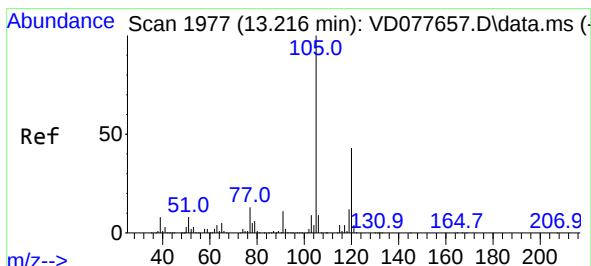
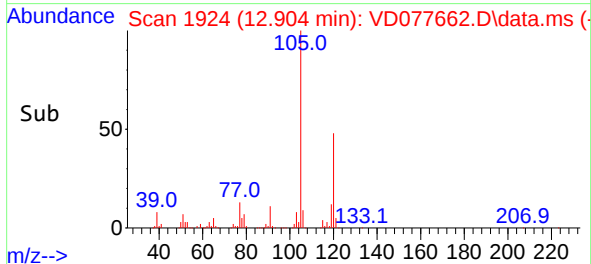
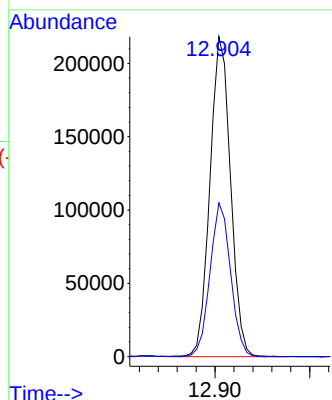
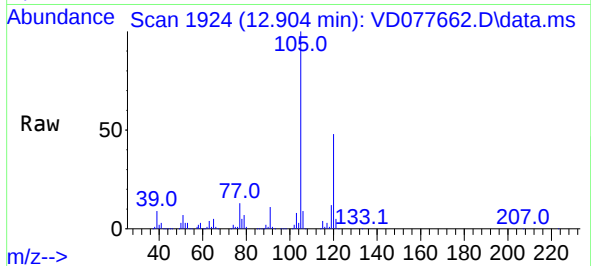




#62
1,3,5-Trimethylbenzene
Concen: 22.417 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

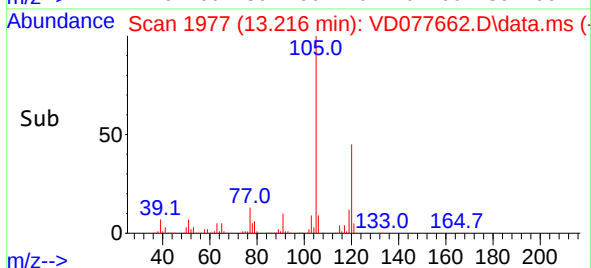
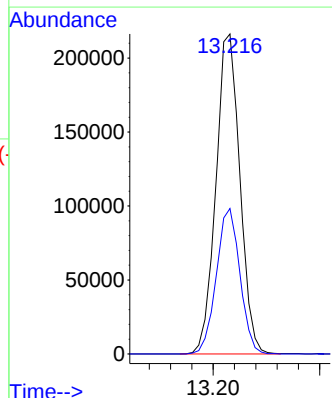
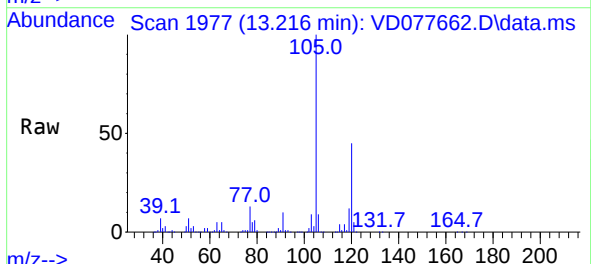
Instrument :
MSVOA_D
ClientSampleId :

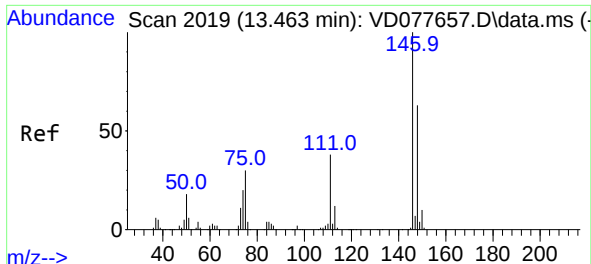
Tgt Ion:105 Resp: 330062
Ion Ratio Lower Upper
105 100
120 48.0 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 22.613 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion:105 Resp: 337262
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4

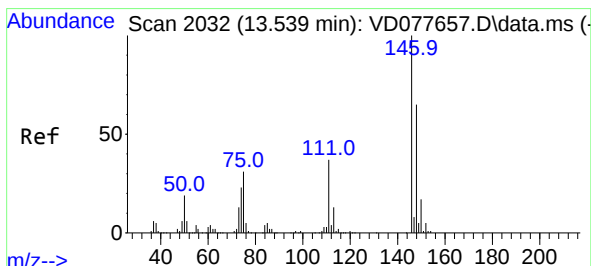
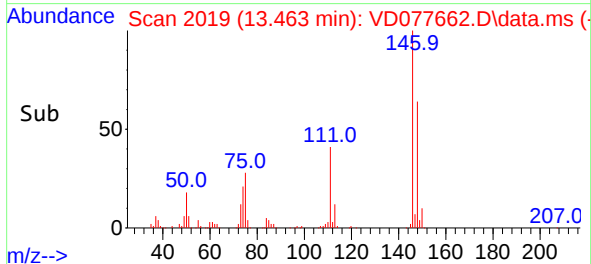
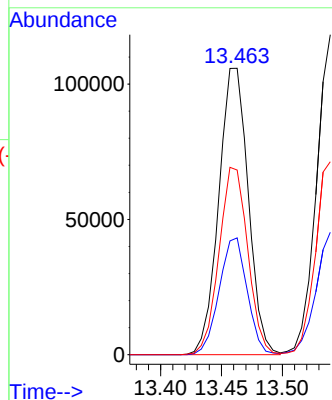
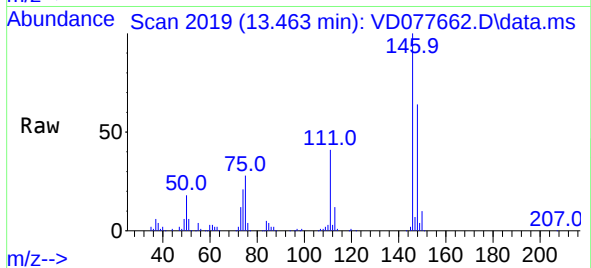




#64
1,3-Dichlorobenzene
Concen: 22.436 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

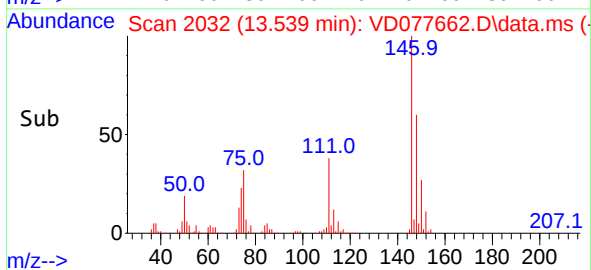
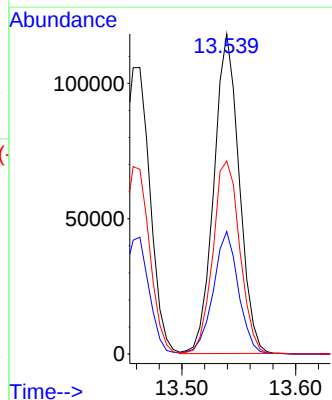
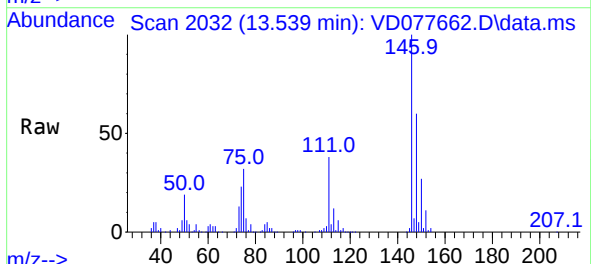
Instrument :
MSVOA_D
ClientSampleId :

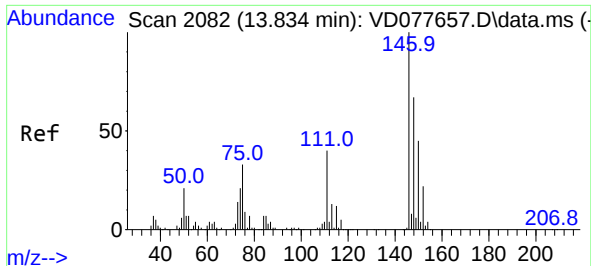
Tgt Ion:146 Resp: 178562
Ion Ratio Lower Upper
146 100
111 40.8 27.2 50.6
148 64.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 22.772 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion:146 Resp: 182908
Ion Ratio Lower Upper
146 100
111 38.2 25.6 47.4
148 60.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 22.324 ug/L

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

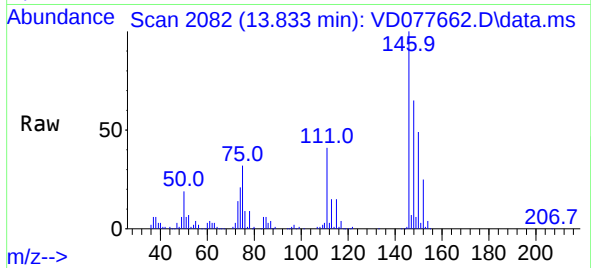
Lab File: VD077662.D

Acq: 22 Nov 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :



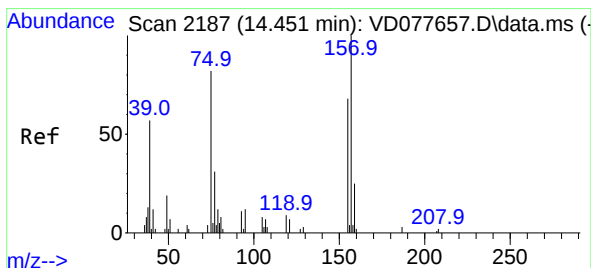
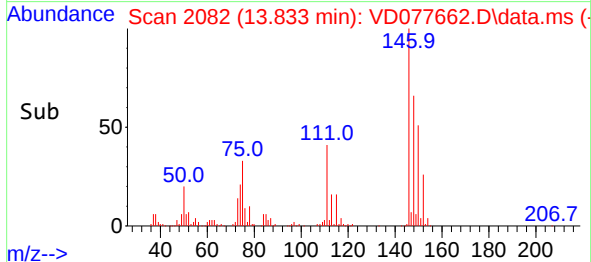
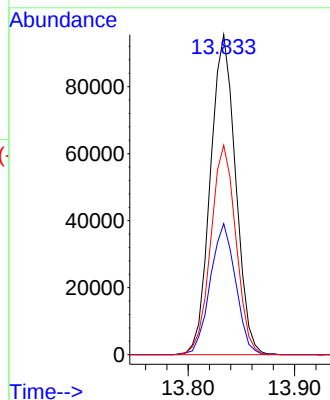
Tgt Ion:146 Resp: 157085

Ion Ratio Lower Upper

146 100

111 40.9 33.8 50.6

148 65.4 54.3 81.5



#68

1,2-Dibromo-3-chloropropane

Concen: 19.179 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077662.D

Acq: 22 Nov 2023 11:25

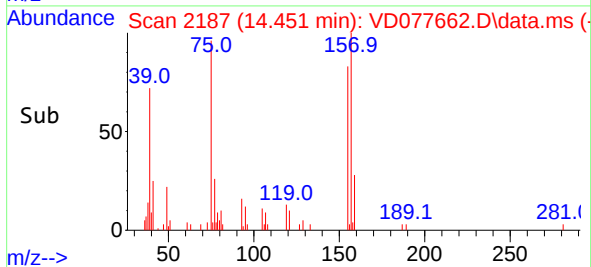
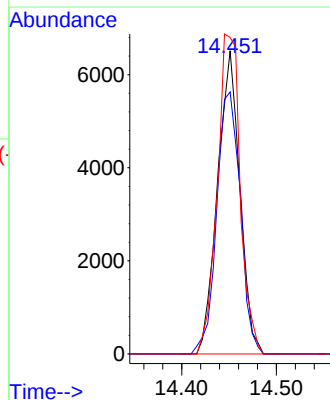
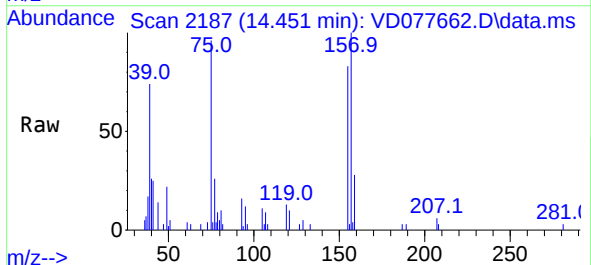
Tgt Ion: 75 Resp: 10658

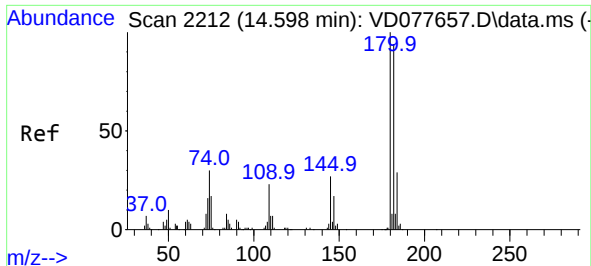
Ion Ratio Lower Upper

75 100

155 86.4 58.2 87.2

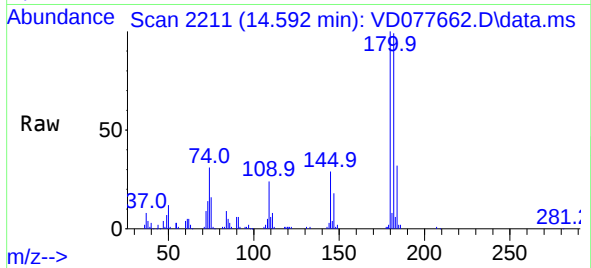
157 104.3 68.7 103.1#





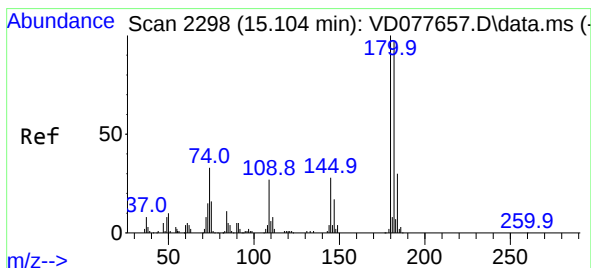
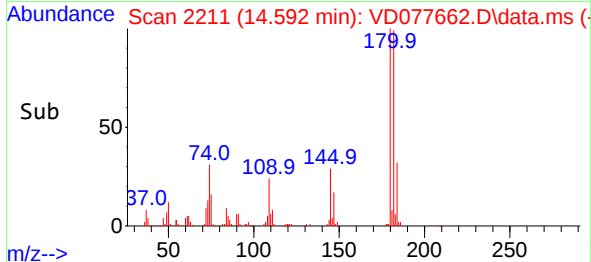
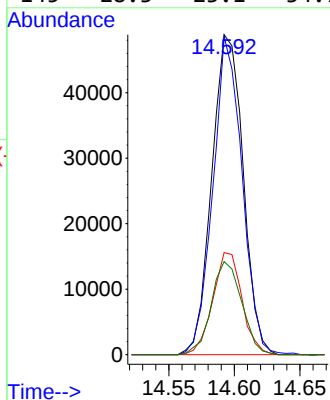
#69
 1,3,5-Trichlorobenzene
 Concen: 14.959 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077662.D
 Acq: 22 Nov 2023 11:25

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 81065

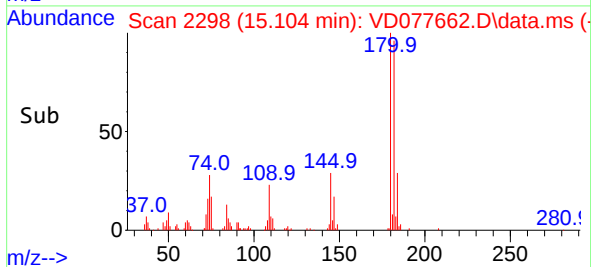
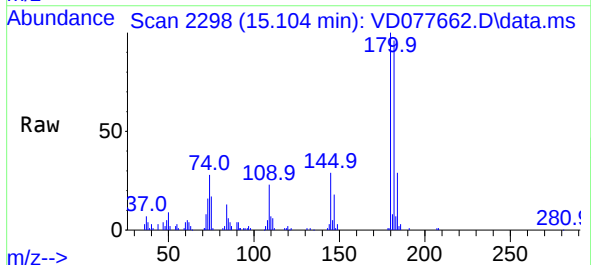
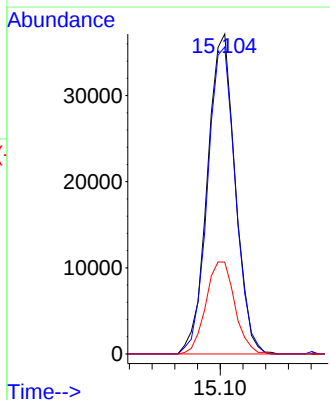
Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.1	114.1
184	29.8	24.0	36.0
145	28.3	23.1	34.7

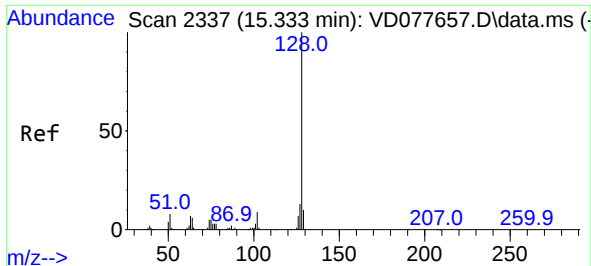


#70
 1,2,4-trichlorobenzene
 Concen: 13.832 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD077662.D
 Acq: 22 Nov 2023 11:25

Tgt Ion:180 Resp: 63176

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.8	113.6
145	29.9	24.1	36.1

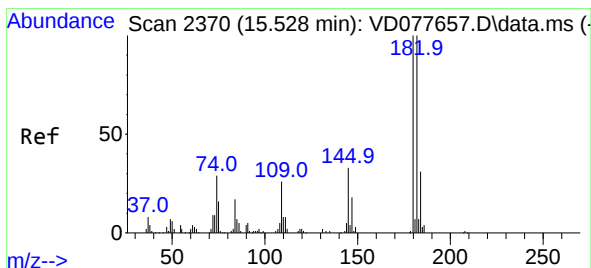
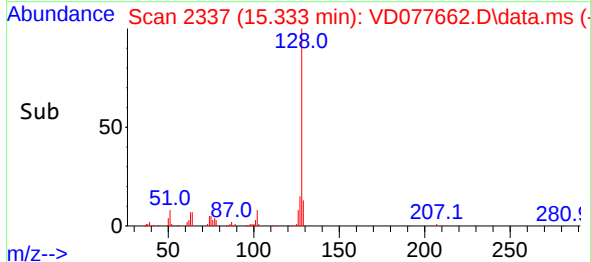
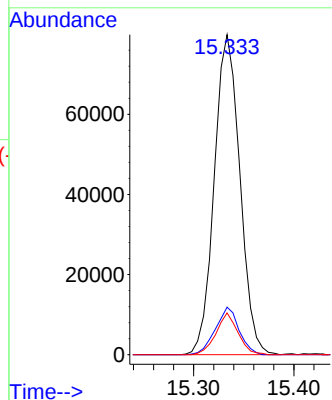
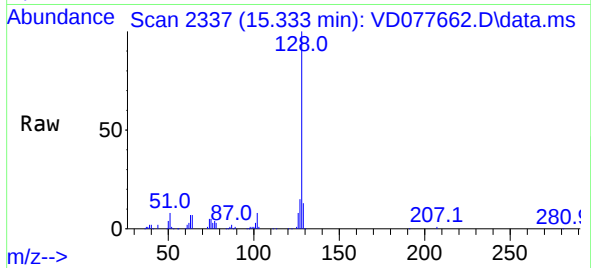




#71
Naphthalene
Concen: 16.476 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 141818
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.2 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 13.239 ug/L
RT: 15.527 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077662.D
Acq: 22 Nov 2023 11:25

Tgt Ion:180 Resp: 51555
Ion Ratio Lower Upper
180 100
182 95.8 76.8 115.2
145 28.9 26.0 39.0

