

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076974.D
 Acq On : 10 Aug 2023 20:41
 Operator : JC/SY
 Sample : 03965-02MS
 Misc : 5.09G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MS

Quant Time: Aug 11 03:08:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	226499	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	222388	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	103790	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	124216	19.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.760%
7) Chloroethane-d5	2.793	69	128856	22.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.520%
11) 1,1-Dichloroethene-d2	3.911	65	28716	19.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.840%
21) 2-Butanone-d5	6.987	46	34006	34.004	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.000%
24) Chloroform-d	7.563	84	166902	22.629	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	8.228	65	86189	23.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.760%
32) Benzene-d6	8.199	84	322341	23.054	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	9.204	67	101622	23.639	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	10.269	98	291311	22.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.880%
43) trans-1,3-Dichloroprop...	10.528	79	37816	19.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.840%
47) 2-Hexanone-d5	10.875	63	31091	37.861	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93485	22.505	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	82119	21.642	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	81586	21.732	ug/L	100
3) Chloromethane	2.146	50	122036	25.056	ug/L	97
5) Vinyl chloride	2.275	62	171305	24.595	ug/L	95
6) Bromomethane	2.687	94	96305	18.523	ug/L	97
8) Chloroethane	2.828	64	122651	26.158	ug/L	99
9) Trichlorofluoromethane	3.170	101	141774	24.585	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	85152	22.661	ug/L	99
12) 1,1-Dichloroethene	3.934	96	82052	24.625	ug/L	80
13) Acetone	4.022	43	27454	26.847	ug/L	92
14) Carbon disulfide	4.258	76	262967	22.739	ug/L	98
15) Methyl Acetate	4.558	43	30198	17.471	ug/L #	76
16) Methylene chloride	4.793	84	101875	21.442	ug/L	76
17) trans-1,2-Dichloroethene	5.305	96	91360	24.216	ug/L	81
18) Methyl tert-butyl Ether	5.316	73	216683	25.997	ug/L #	91
19) 1,1-Dichloroethane	6.105	63	155563	24.695	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	101892	24.193	ug/L	86
22) 2-Butanone	7.081	43	47978	33.533	ug/L	86
23) Bromochloromethane	7.428	128	52471	25.686	ug/L #	74
25) Chloroform	7.593	83	175877	25.492	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

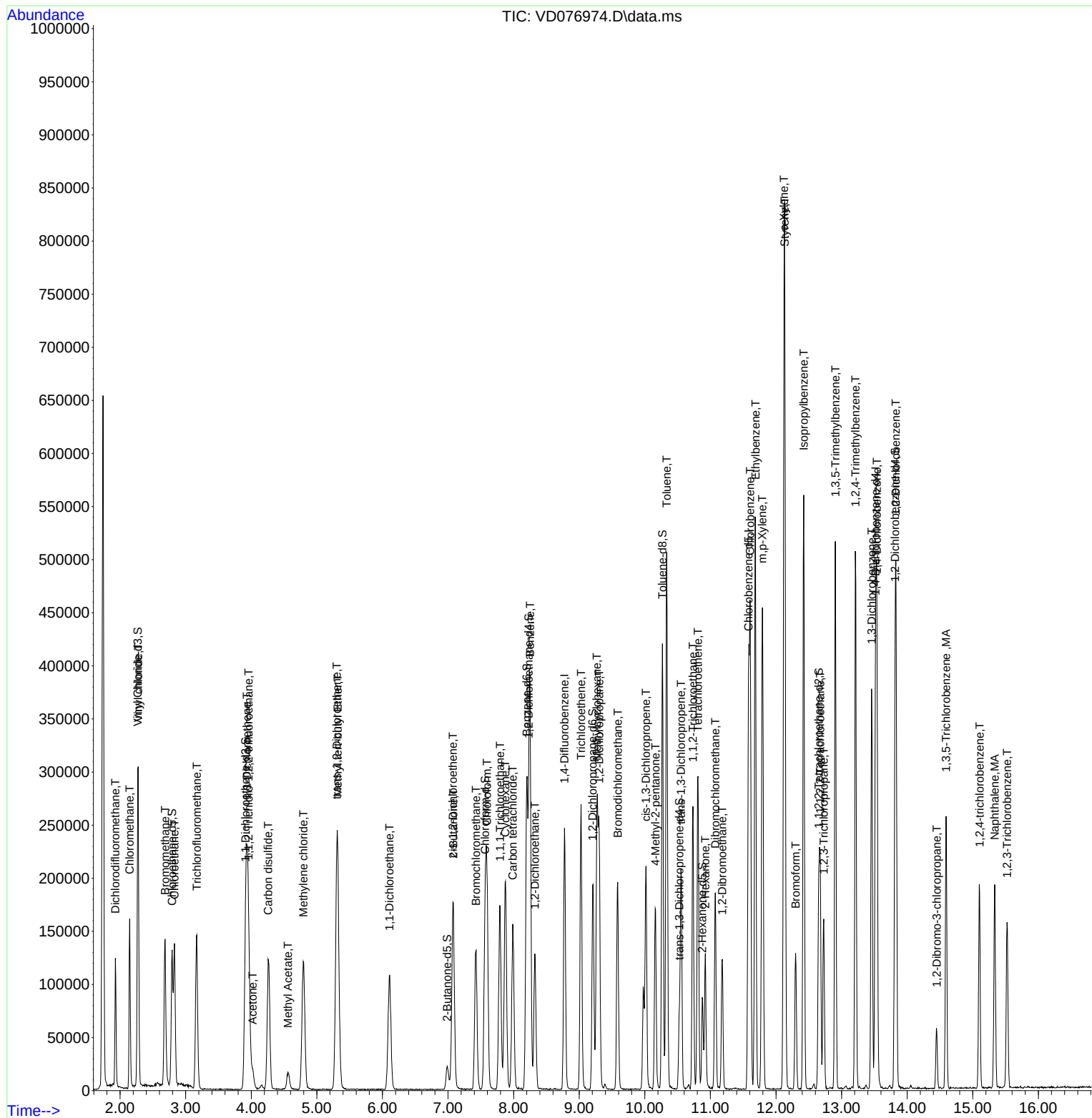
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	109154	25.244	ug/L	99
29) Cyclohexane	7.875	56	106124	21.678	ug/L #	83
30) 1,1,1-Trichloroethane	7.793	97	140933	25.576	ug/L	97
31) Carbon tetrachloride	7.987	117	112667	24.983	ug/L	99
33) Benzene	8.252	78	377711	25.911	ug/L	100
34) Trichloroethene	9.028	95	92123	24.267	ug/L	93
35) Methylcyclohexane	9.269	83	116658	18.844	ug/L	90
37) 1,2-Dichloropropane	9.305	63	96892	26.166	ug/L #	96
38) Bromodichloromethane	9.587	83	134928	26.460	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	132542	22.178	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	110372	47.306	ug/L #	90
42) Toluene	10.334	91	395055	24.923	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	116425	22.290	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	86444	26.267	ug/L	97
46) Tetrachloroethene	10.810	164	69555	24.311	ug/L	95
48) 2-Hexanone	10.922	43	75389	42.017	ug/L #	97
49) Dibromochloromethane	11.075	129	98381	26.871	ug/L	99
50) 1,2-Dibromoethane	11.181	107	82662	25.754	ug/L	89
51) Chlorobenzene	11.604	112	244925	23.716	ug/L	98
52) Ethylbenzene	11.687	91	400989	23.740	ug/L	99
53) m,p-Xylene	11.793	106	156093	23.951	ug/L	99
54) o-Xylene	12.122	106	154511	24.650	ug/L	97
55) Styrene	12.134	104	267687	23.619	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.675	83	100438	24.675	ug/L	98
59) Bromoform	12.298	173	58097	28.225	ug/L #	99
60) Isopropylbenzene	12.422	105	369900	24.781	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	67582	27.899	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	273947	24.091	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	278713	24.629	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	159224	23.373	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	167197	23.744	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	154601	24.208	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	13550	24.413	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	76636	17.977	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	62985	16.796	ug/L	95
71) Naphthalene	15.334	128	167748	19.024	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	54989	16.169	ug/L	97

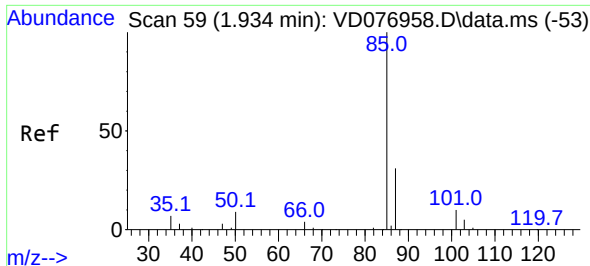
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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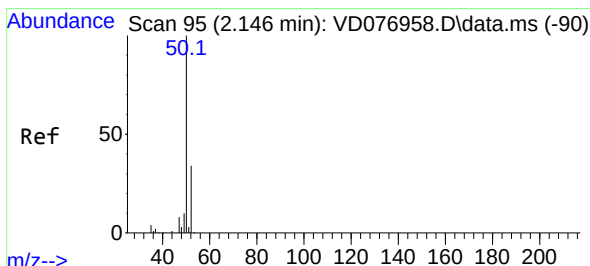
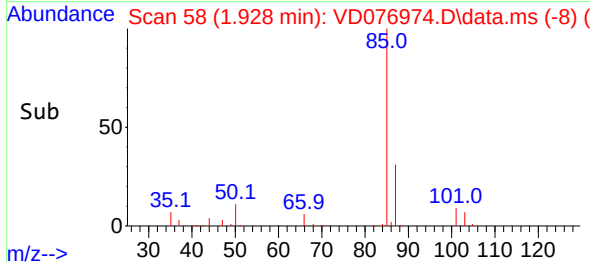
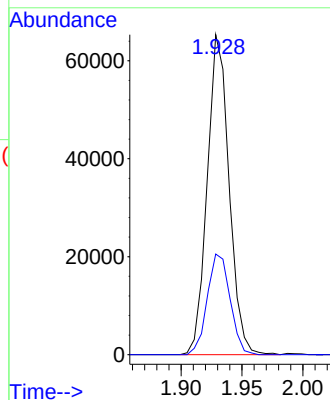
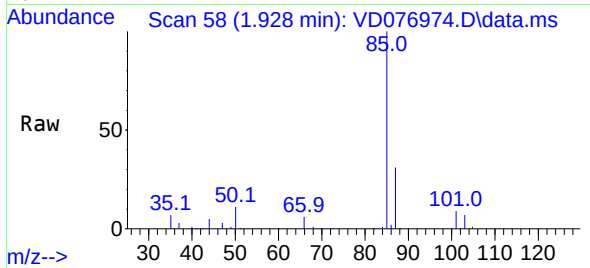




#2
Dichlorodifluoromethane
Concen: 21.732 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

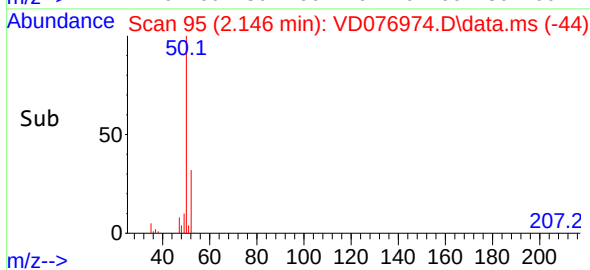
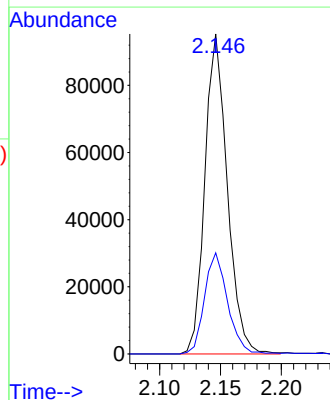
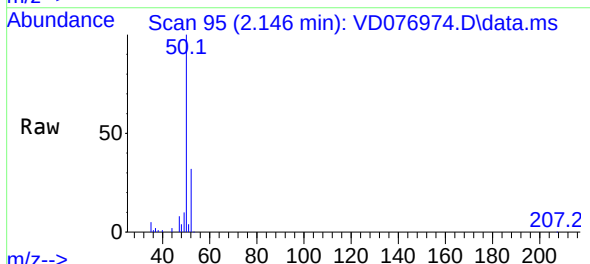
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

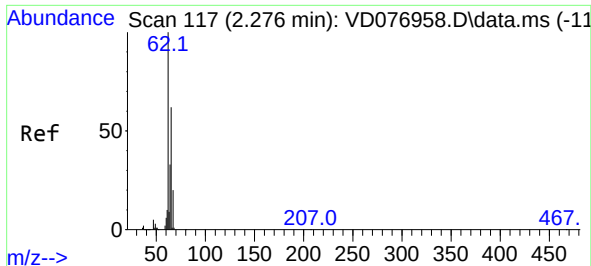
Tgt Ion: 85 Resp: 81586
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5



#3
Chloromethane
Concen: 25.056 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 50 Resp: 122036
Ion Ratio Lower Upper
50 100
52 31.6 23.2 43.2

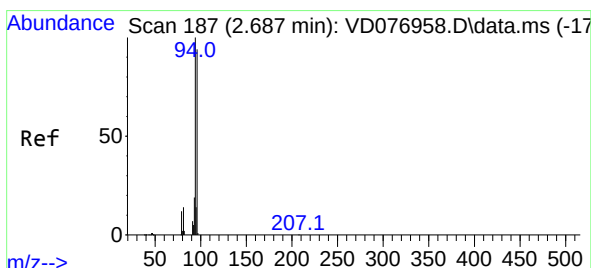
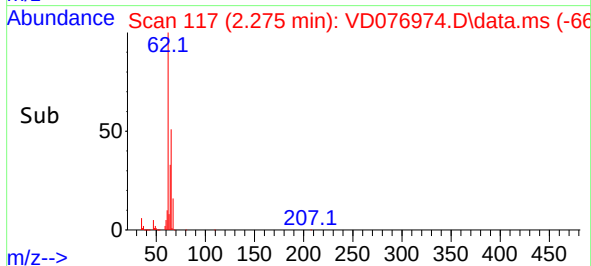
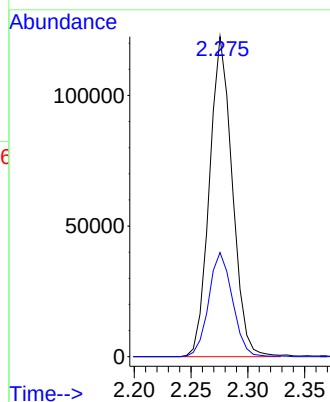
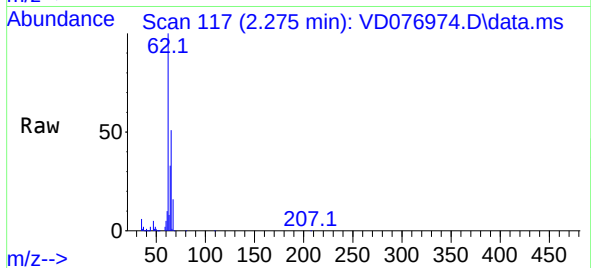




#5
 Vinyl chloride
 Concen: 24.595 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VD076974.D
 Acq: 10 Aug 2023 20:41

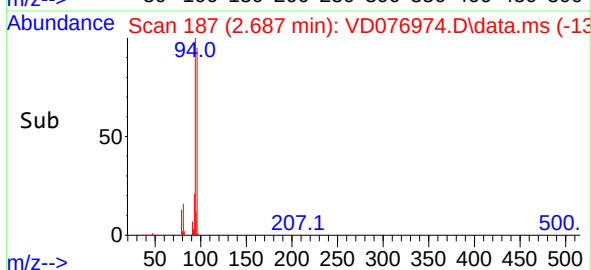
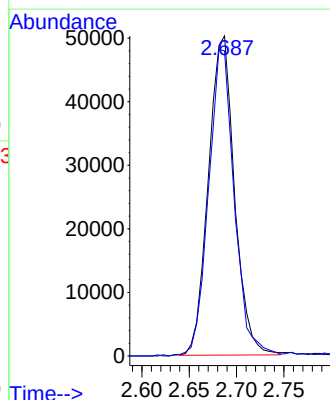
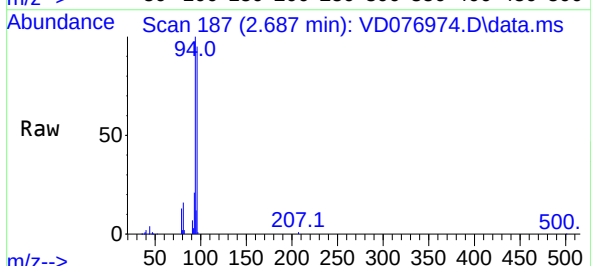
Instrument :
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 ClientSampleId :
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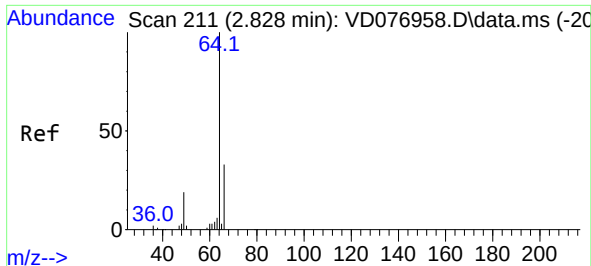
Tgt Ion: 62 Resp: 171305
 Ion Ratio Lower Upper
 62 100
 64 32.6 21.1 39.1



#6
 Bromomethane
 Concen: 18.523 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076974.D
 Acq: 10 Aug 2023 20:41

Tgt Ion: 94 Resp: 96305
 Ion Ratio Lower Upper
 94 100
 96 95.3 64.7 120.1

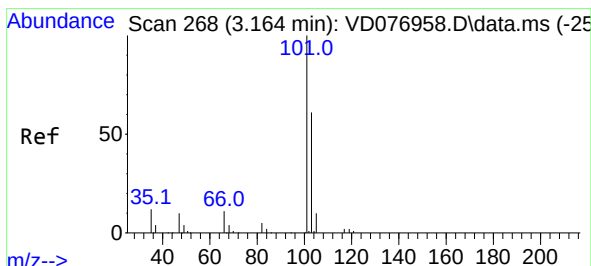
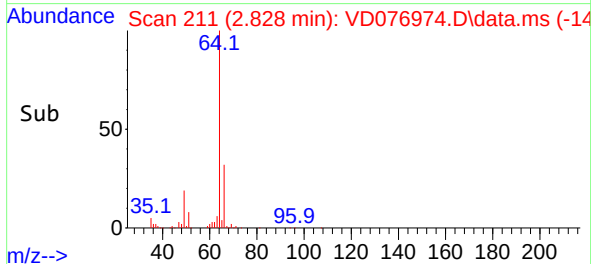
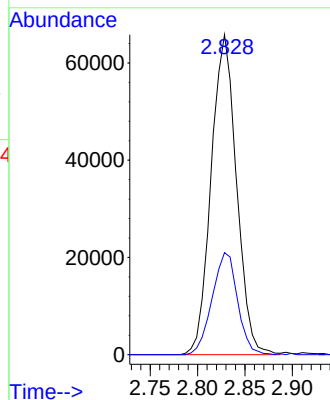
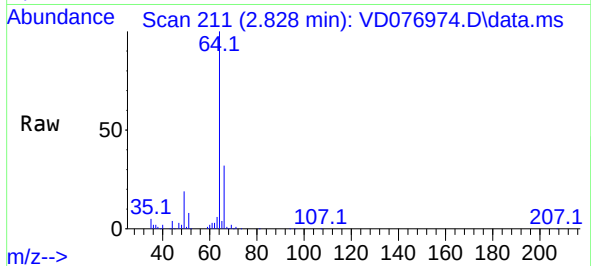




#8
Chloroethane
Concen: 26.158 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

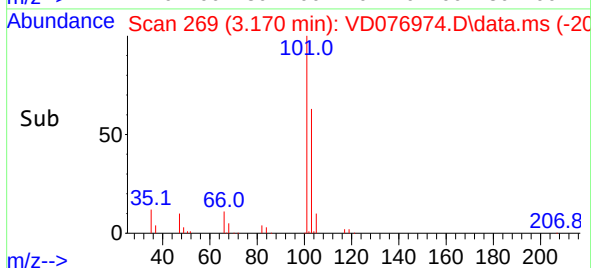
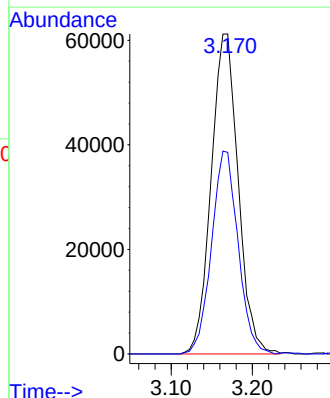
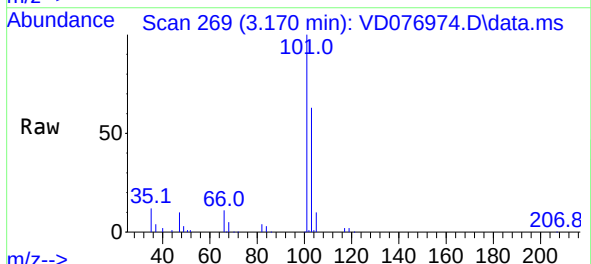
Instrument :
MSVOA_D
ClientSampleId :
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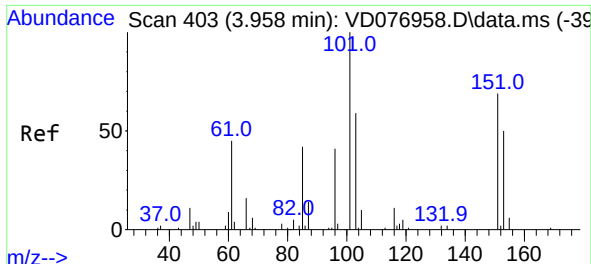
Tgt Ion: 64 Resp: 122651
Ion Ratio Lower Upper
64 100
66 31.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 24.585 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion:101 Resp: 141774
Ion Ratio Lower Upper
101 100
103 62.2 51.8 77.6

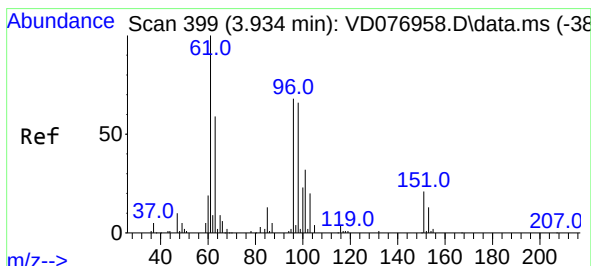
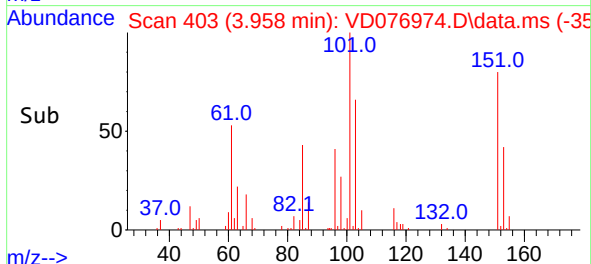
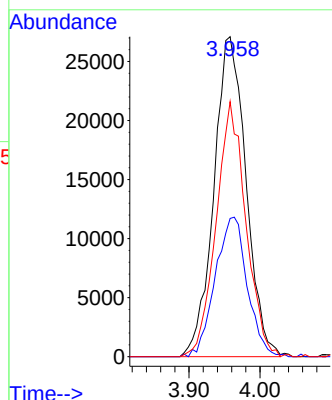
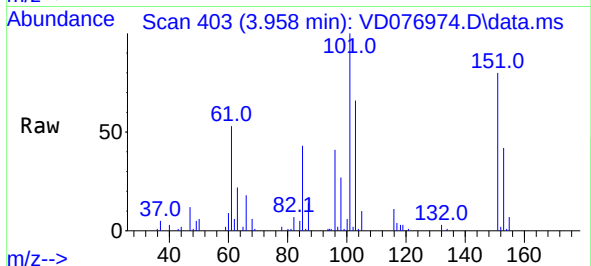




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.661 ug/L
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

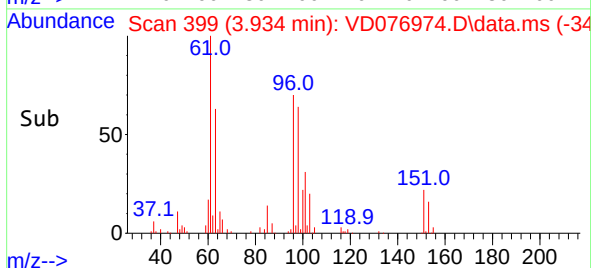
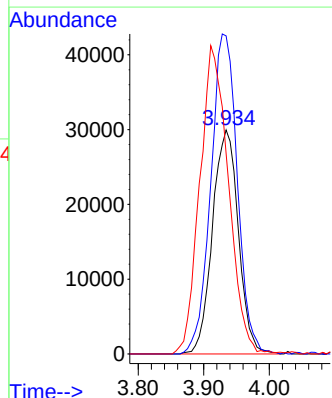
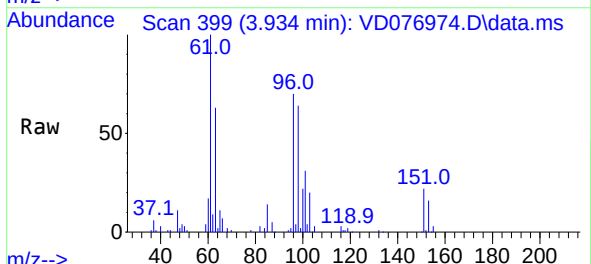
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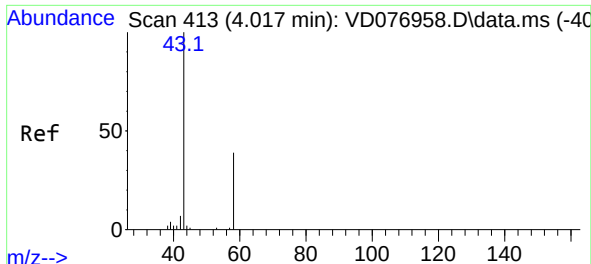
Tgt Ion:101 Resp: 85152
Ion Ratio Lower Upper
101 100
85 43.3 35.5 53.3
151 73.7 58.6 87.8



#12
1,1-Dichloroethene
Concen: 24.625 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 96 Resp: 82052
Ion Ratio Lower Upper
96 100
61 141.9 113.0 209.8
63 89.4 83.6 155.2





#13

Acetone

Concen: 26.847 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076974.D

Acq: 10 Aug 2023 20:41

Instrument :

MSVOA_D

ClientSampleId :

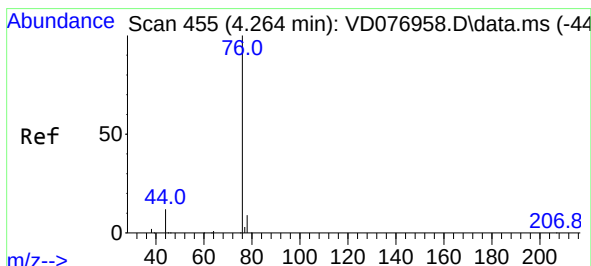
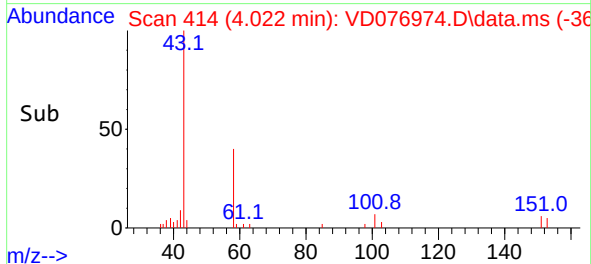
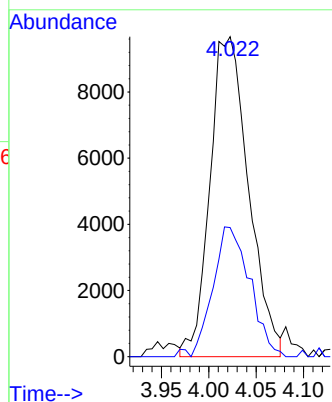
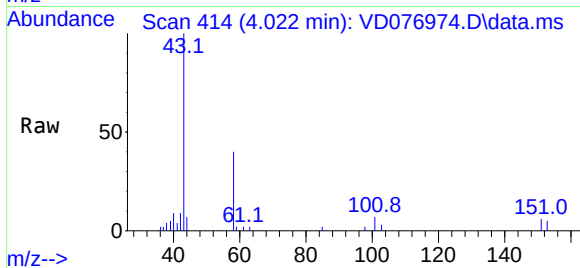
A4832MS

Tgt Ion: 43 Resp: 27454

Ion Ratio Lower Upper

43 100

58 38.4 0.0 67.4



#14

Carbon disulfide

Concen: 22.739 ug/L

RT: 4.258 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD076974.D

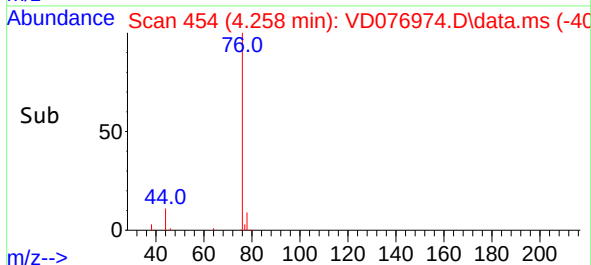
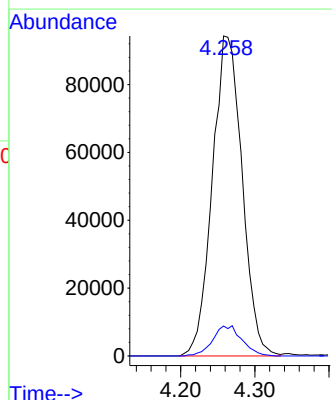
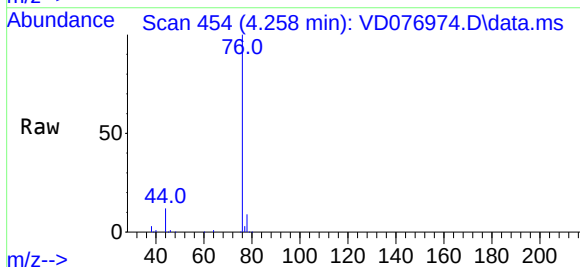
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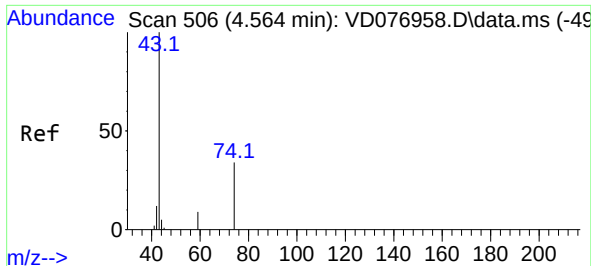
Tgt Ion: 76 Resp: 262967

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

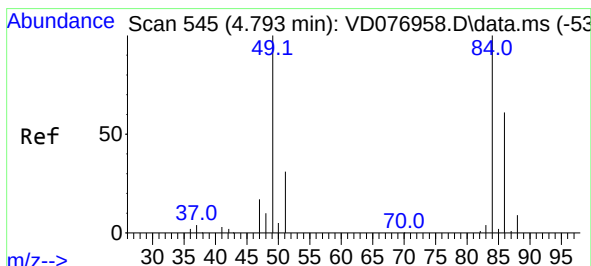
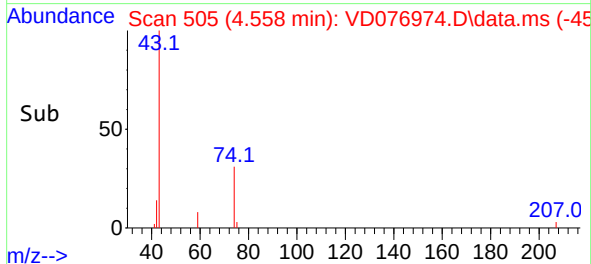
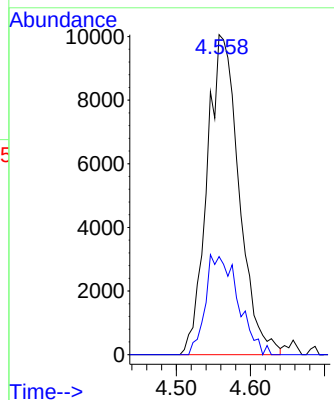
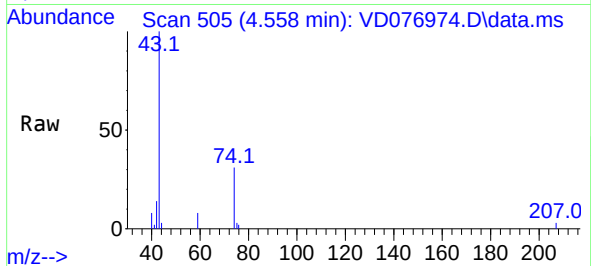




#15
Methyl Acetate
Concen: 17.471 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

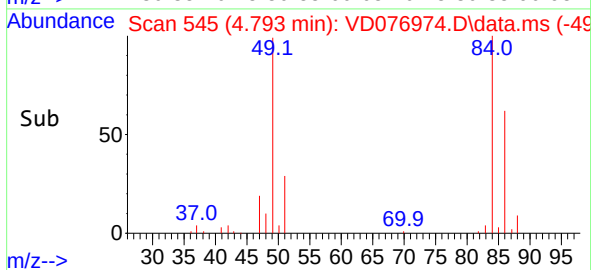
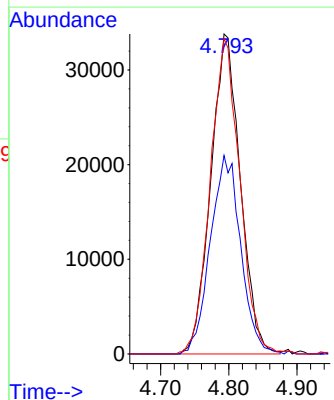
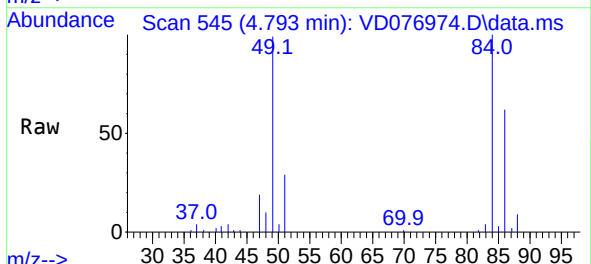
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

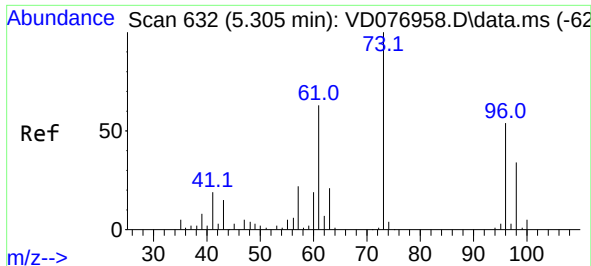
Tgt Ion: 43 Resp: 30198
Ion Ratio Lower Upper
43 100
74 11.1 18.2 27.2#



#16
Methylene chloride
Concen: 21.442 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 84 Resp: 101875
Ion Ratio Lower Upper
84 100
86 62.0 45.1 83.9
49 98.5 97.2 180.6

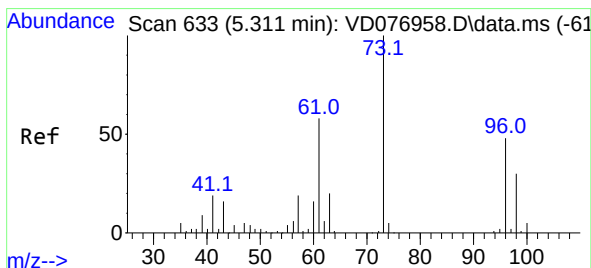
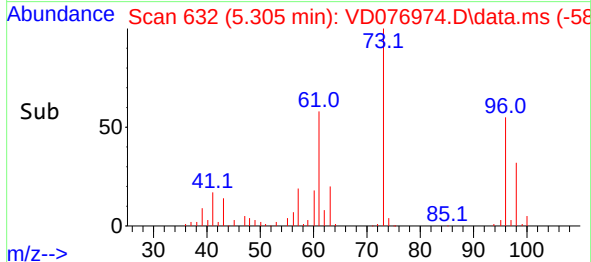
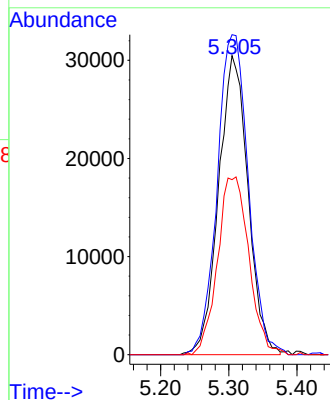
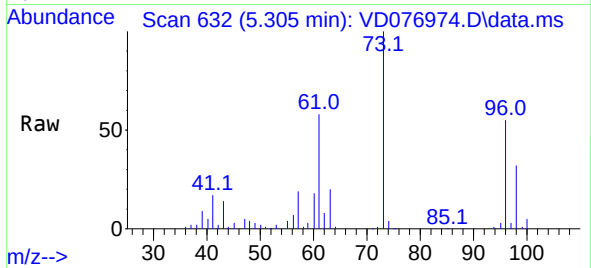




#17
trans-1,2-Dichloroethene
Concen: 24.216 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

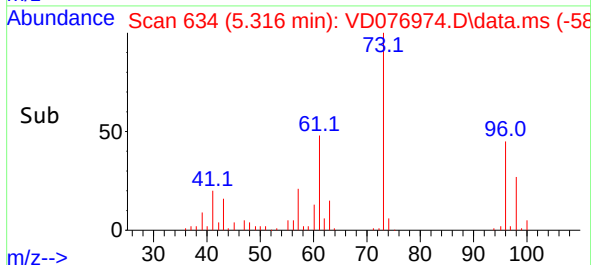
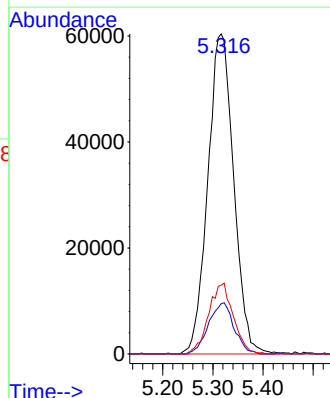
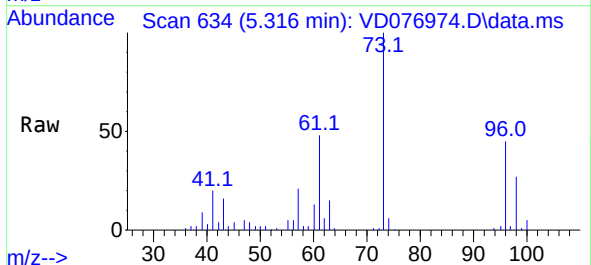
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

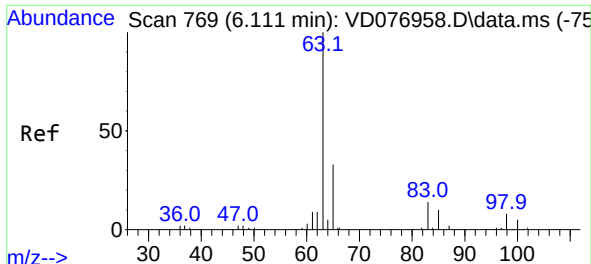
Tgt Ion: 96 Resp: 91360
Ion Ratio Lower Upper
96 100
61 107.0 94.5 175.5
98 58.6 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 25.997 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 73 Resp: 216683
Ion Ratio Lower Upper
73 100
43 15.8 7.2 10.8#
57 21.0 18.6 28.0

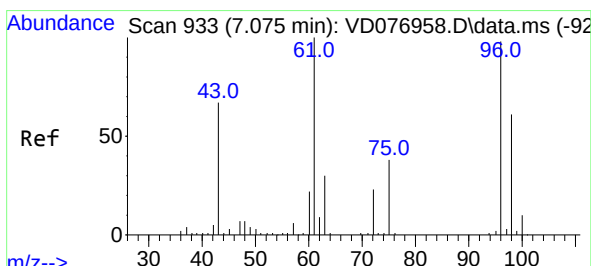
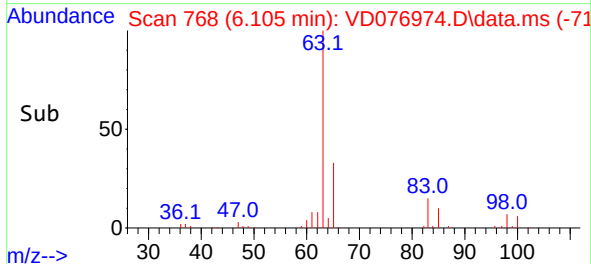
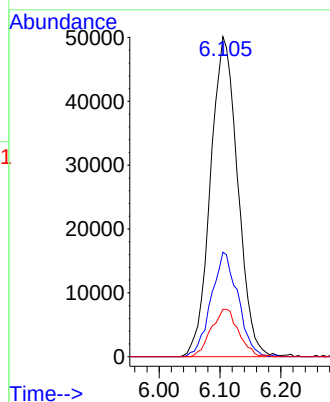
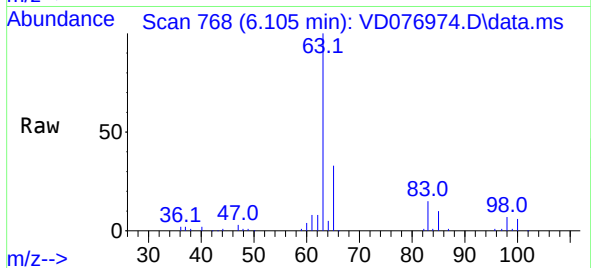




#19
1,1-Dichloroethane
Concen: 24.695 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

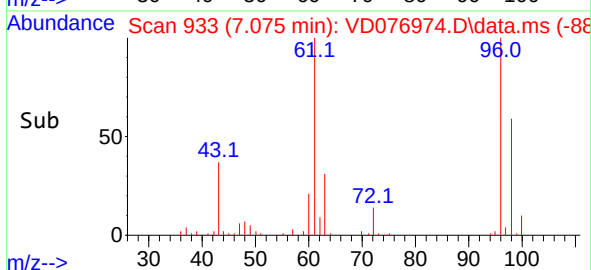
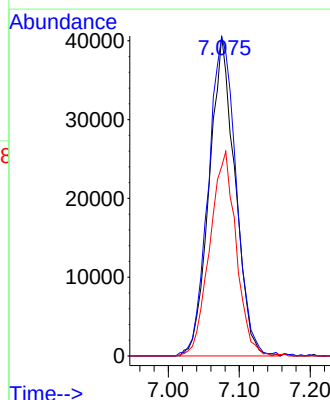
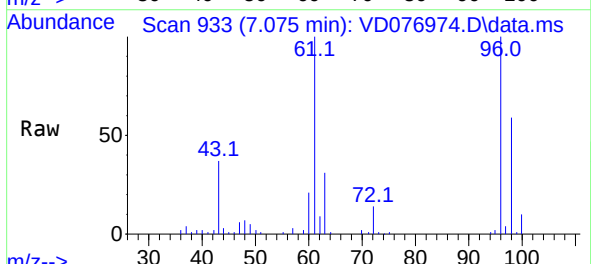
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

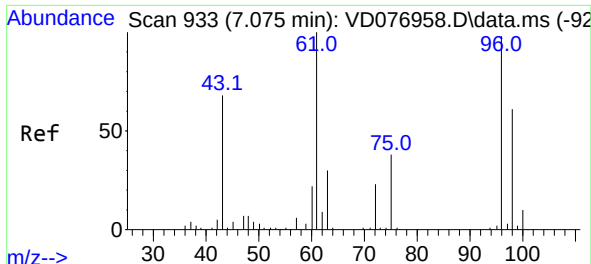
Tgt Ion: 63 Resp: 155563
Ion Ratio Lower Upper
63 100
65 32.7 20.8 38.6
83 14.8 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 24.193 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 96 Resp: 101892
Ion Ratio Lower Upper
96 100
61 99.7 86.0 159.6
98 59.1 42.2 78.4

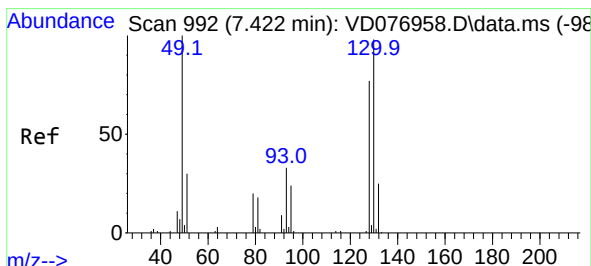
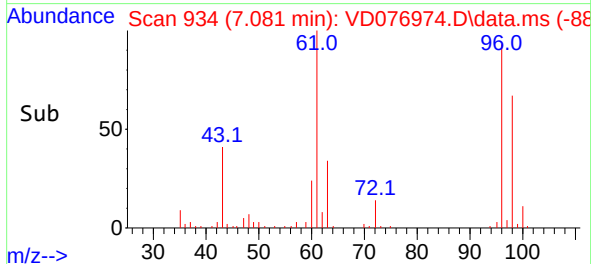
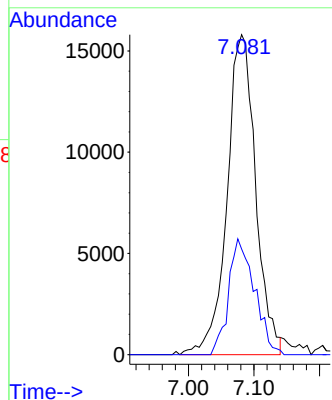
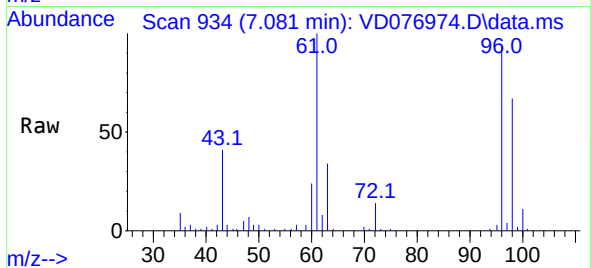




#22
2-Butanone
Concen: 33.533 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

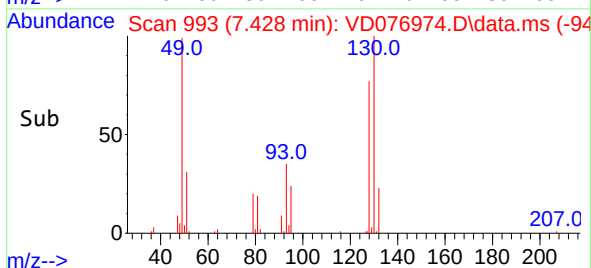
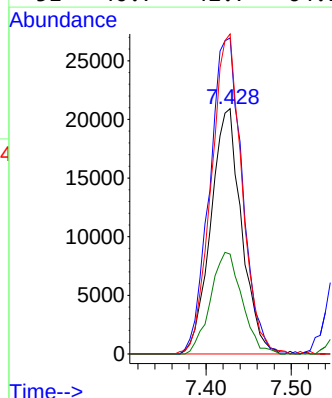
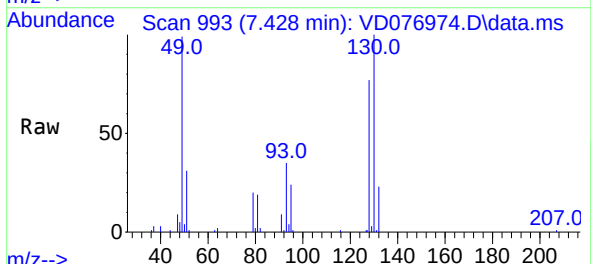
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

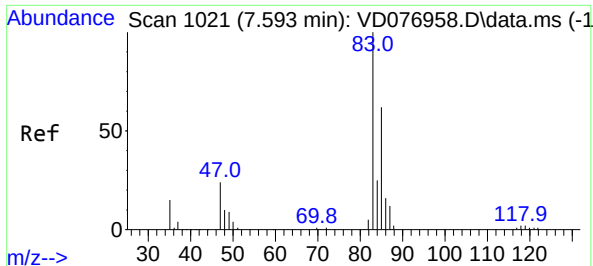
Tgt Ion: 43 Resp: 47978
Ion Ratio Lower Upper
43 100
72 32.9 12.9 38.7



#23
Bromochloromethane
Concen: 25.686 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion:128 Resp: 52471
Ion Ratio Lower Upper
128 100
49 128.9 124.7 231.7
130 130.5 80.0 148.6
51 40.7 42.7 64.1#





#25

Chloroform

Concen: 25.492 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076974.D

Acq: 10 Aug 2023 20:41

Instrument :

MSVOA_D

ClientSampleId :

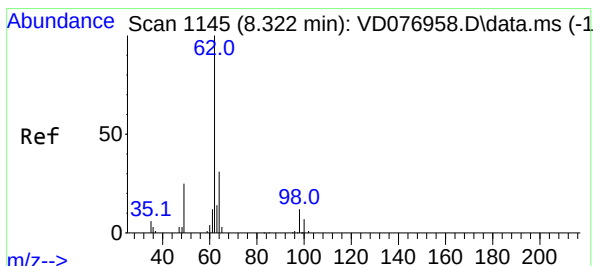
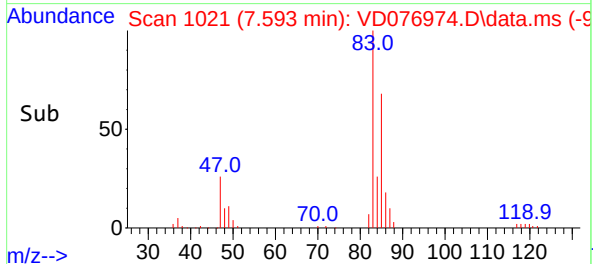
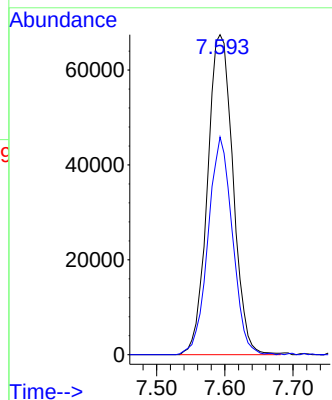
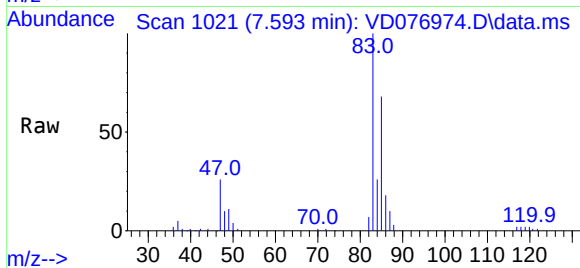
A4832MS

Tgt Ion: 83 Resp: 175877

Ion Ratio Lower Upper

83 100

85 68.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 25.244 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076974.D

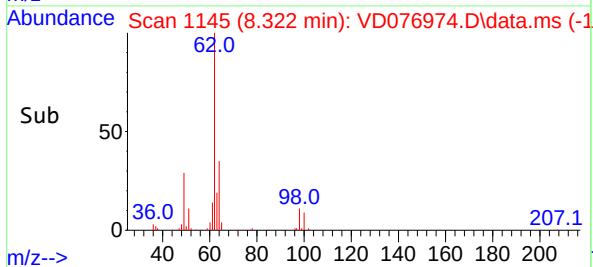
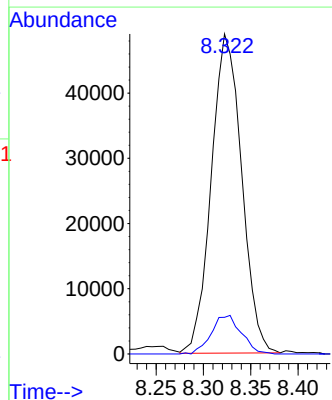
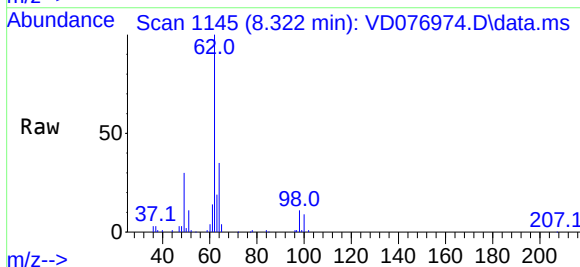
Acq: 10 Aug 2023 20:41

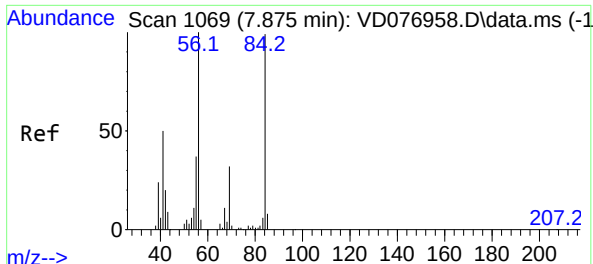
Tgt Ion: 62 Resp: 109154

Ion Ratio Lower Upper

62 100

98 11.5 8.7 13.1

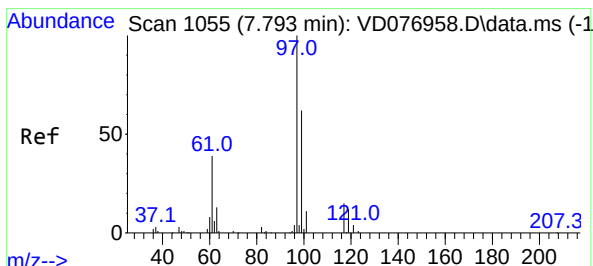
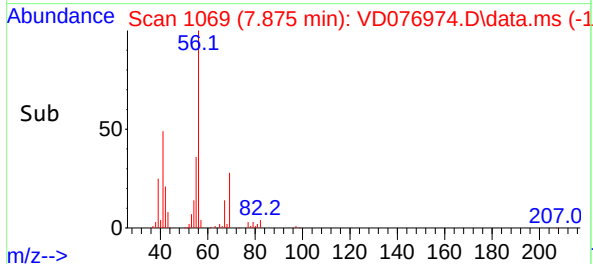
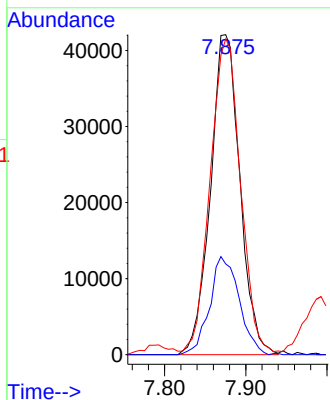
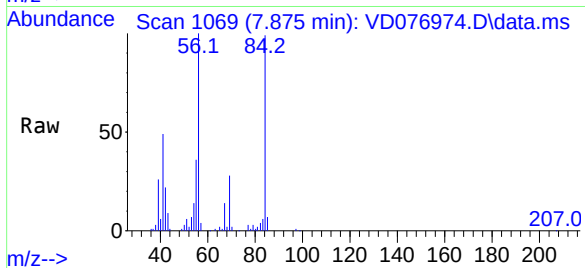




#29
Cyclohexane
Concen: 21.678 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

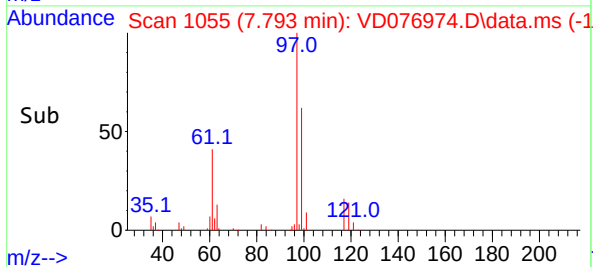
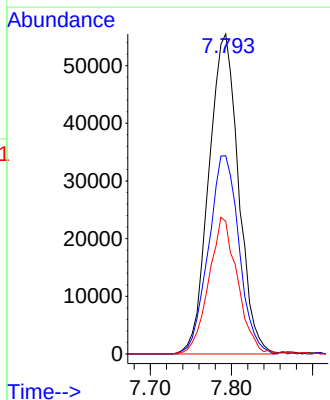
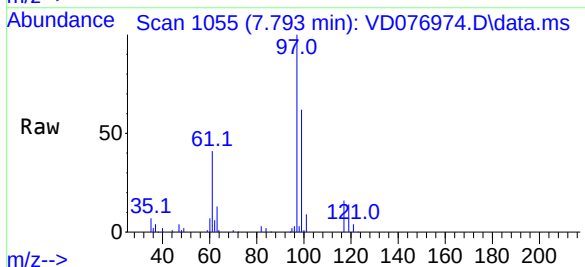
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

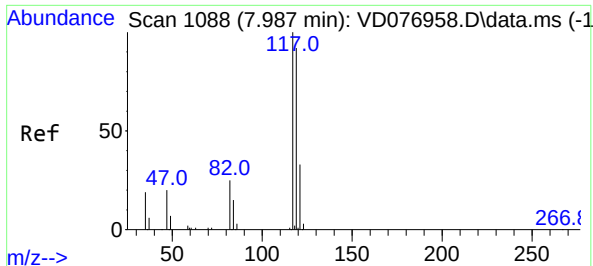
Tgt Ion: 56 Resp: 106124
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.0
84 102.3 66.3 99.5#



#30
1,1,1-Trichloroethane
Concen: 25.576 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 97 Resp: 140933
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 41.4 36.4 54.6

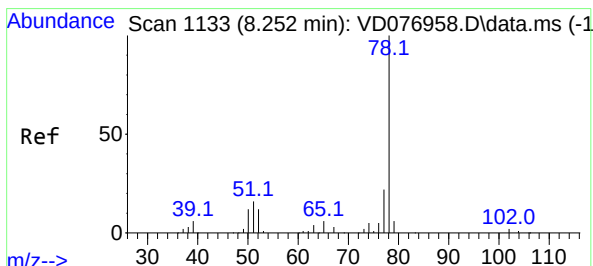
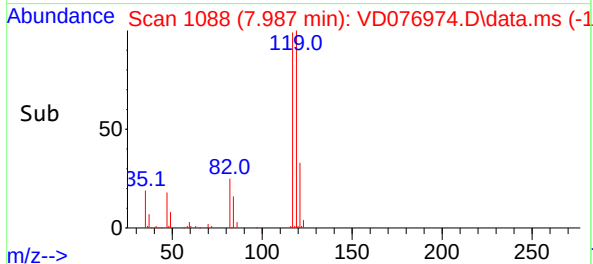
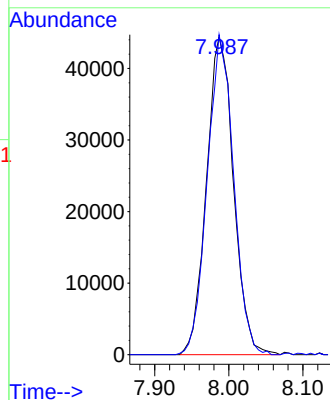
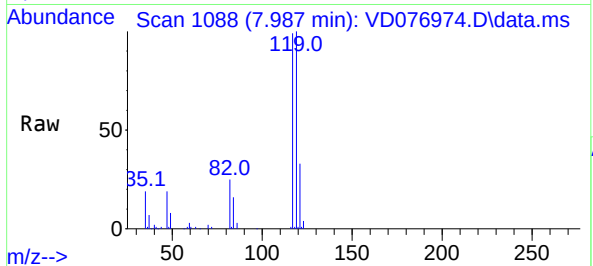




#31
Carbon tetrachloride
Concen: 24.983 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

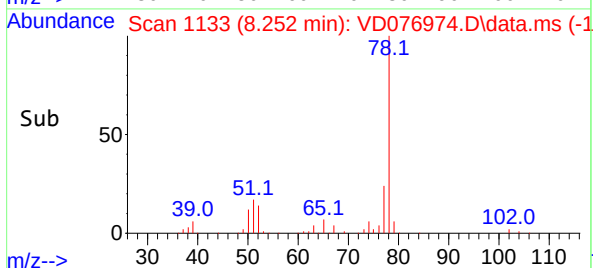
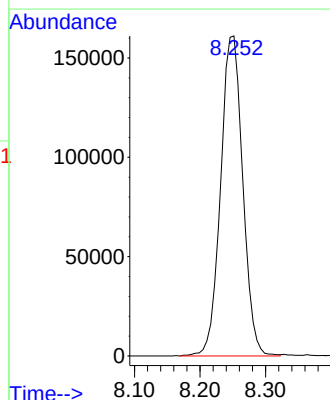
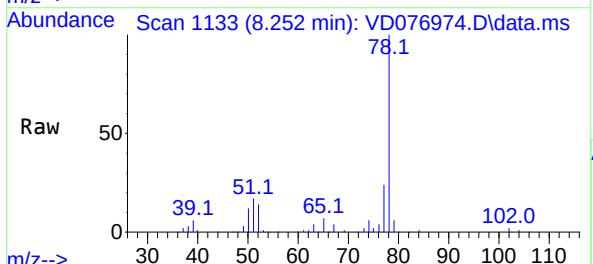
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

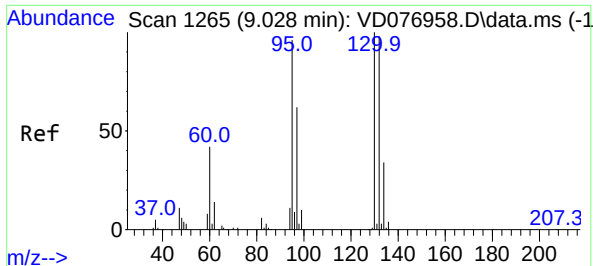
Tgt Ion:117 Resp: 112667
Ion Ratio Lower Upper
117 100
119 97.9 77.8 116.6



#33
Benzene
Concen: 25.911 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 78 Resp: 377711



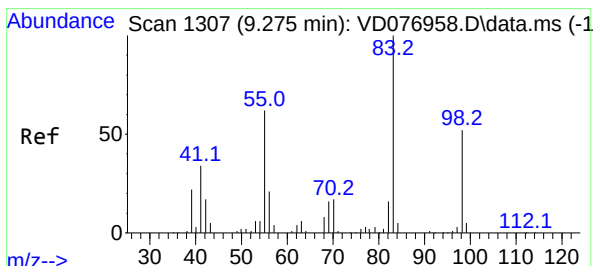
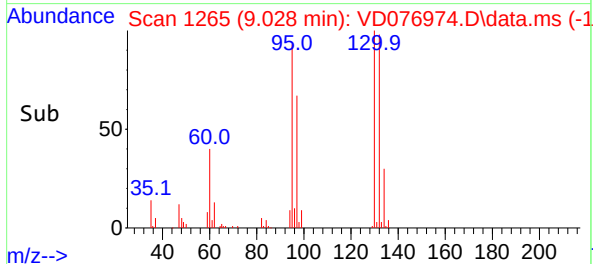
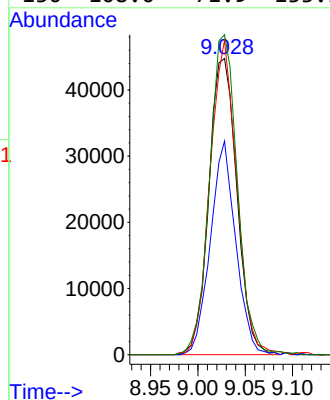
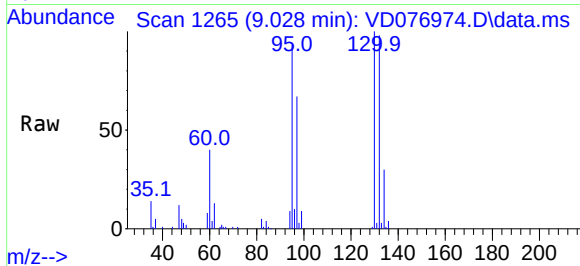


#34
Trichloroethene
Concen: 24.267 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Instrument :
MSVOA_D
ClientSampleId :
A4832MS

Tgt Ion: 95 Resp: 92123

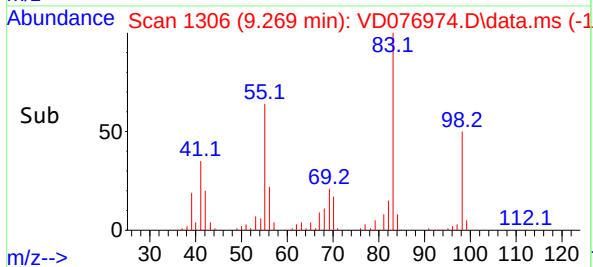
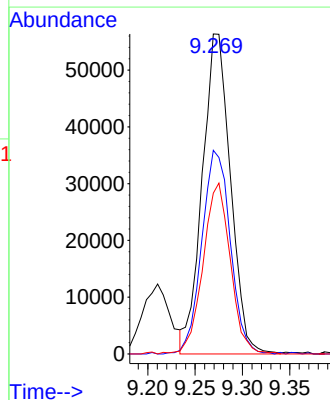
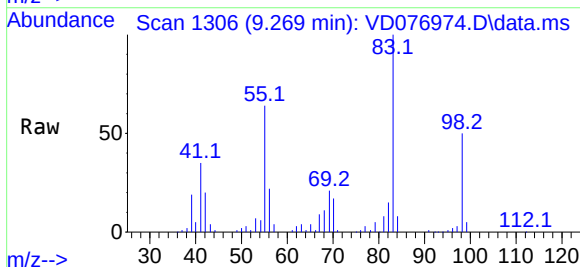
Ion	Ratio	Lower	Upper
95	100		
97	72.1	43.1	80.1
132	106.1	71.8	133.4
130	108.0	71.9	133.5

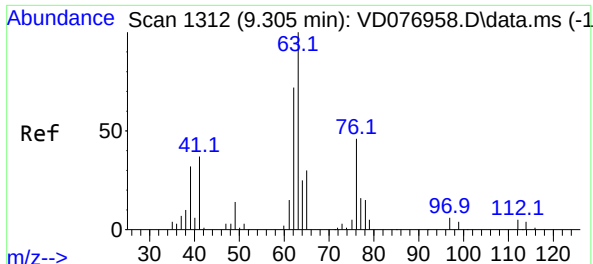


#35
Methylcyclohexane
Concen: 18.844 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 83 Resp: 116658

Ion	Ratio	Lower	Upper
83	100		
55	64.3	59.8	89.6
98	51.6	37.8	56.6

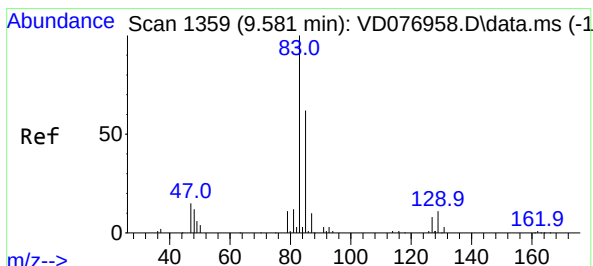
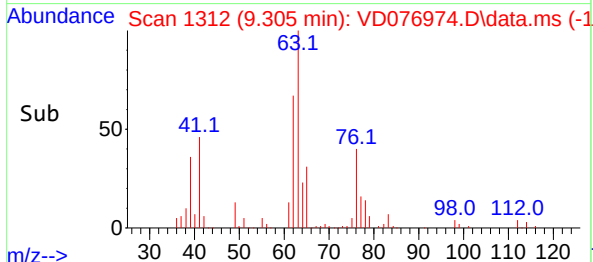
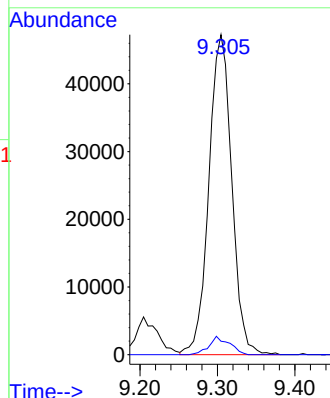
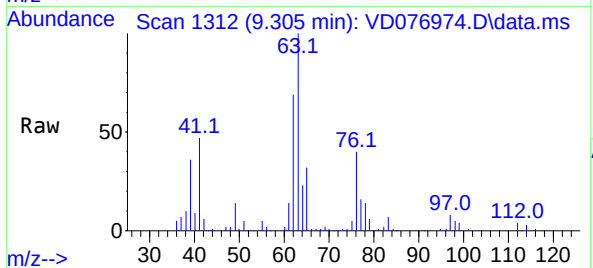




#37
1,2-Dichloropropane
Concen: 26.166 ug/L
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

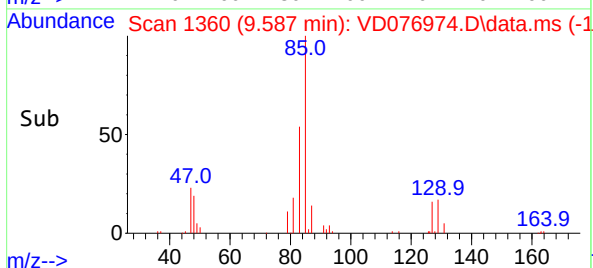
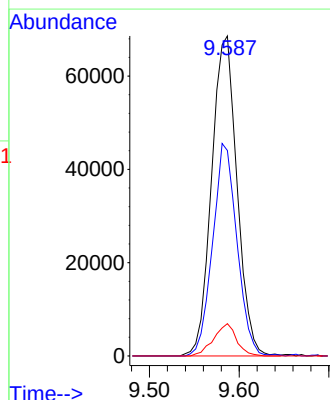
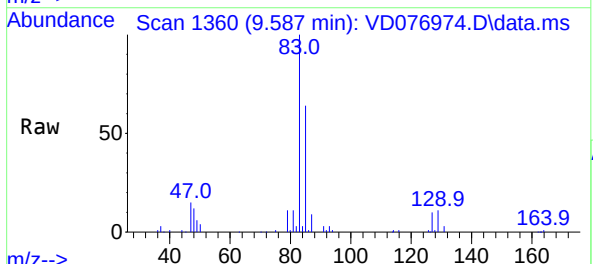
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

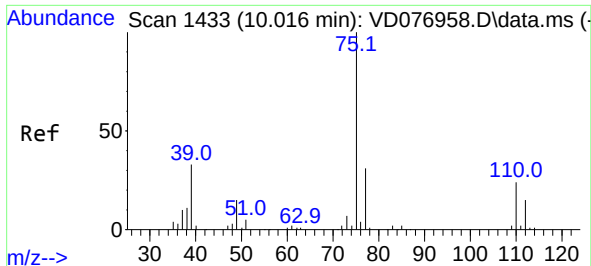
Tgt Ion: 63 Resp: 96892
Ion Ratio Lower Upper
63 100
112 5.1 3.1 4.7#



#38
Bromodichloromethane
Concen: 26.460 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 83 Resp: 134928
Ion Ratio Lower Upper
83 100
85 64.2 43.9 81.5
127 10.1 6.6 9.8#

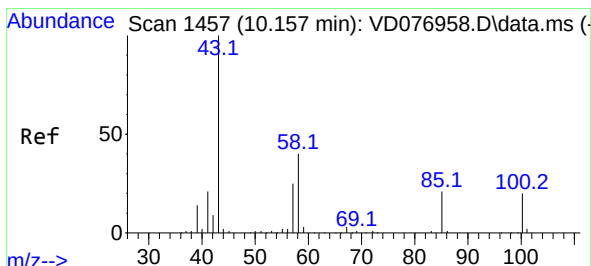
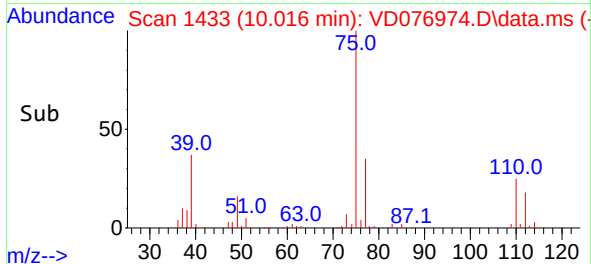
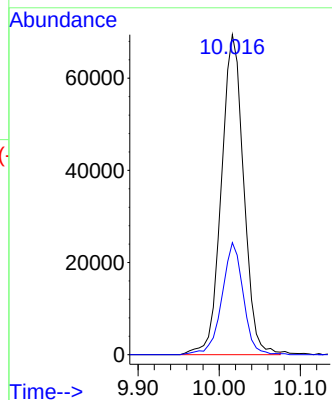
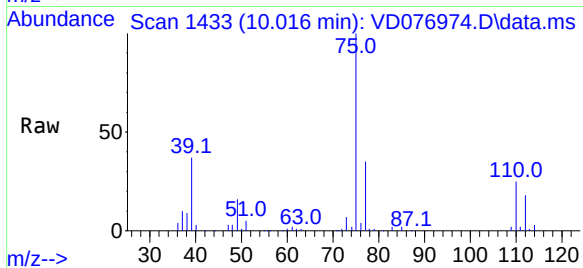




#39
cis-1,3-Dichloropropene
Concen: 22.178 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

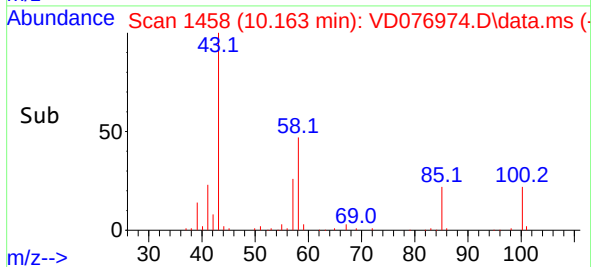
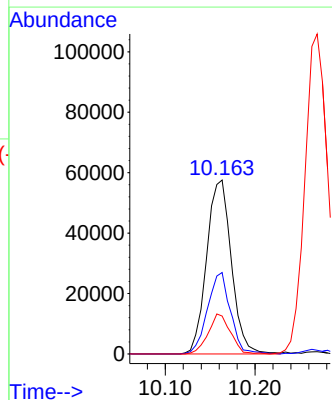
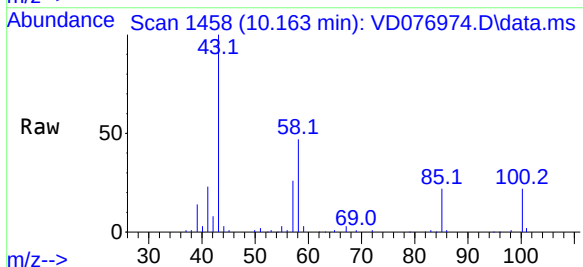
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

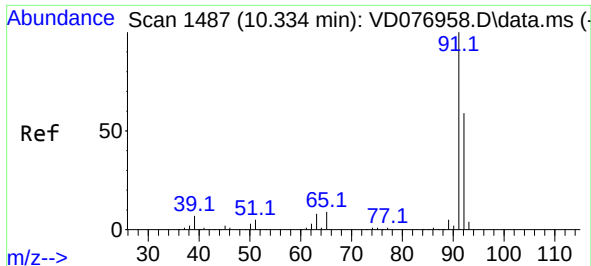
Tgt Ion: 75 Resp: 132542
Ion Ratio Lower Upper
75 100
77 35.0 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 47.306 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 43 Resp: 110372
Ion Ratio Lower Upper
43 100
58 43.3 30.7 46.1
100 20.5 11.0 16.4#

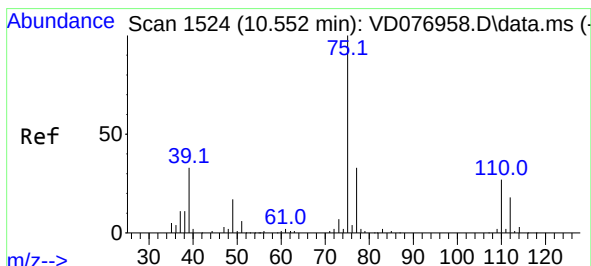
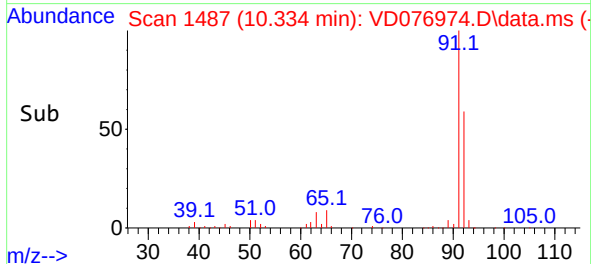
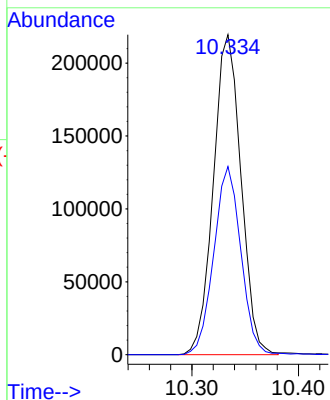
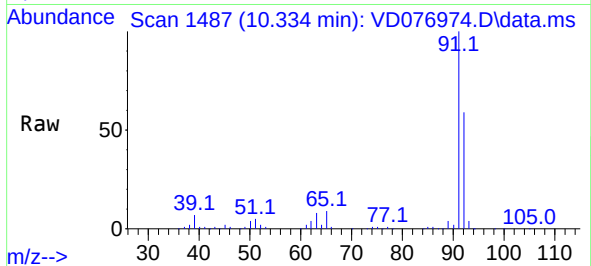




#42
Toluene
Concen: 24.923 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

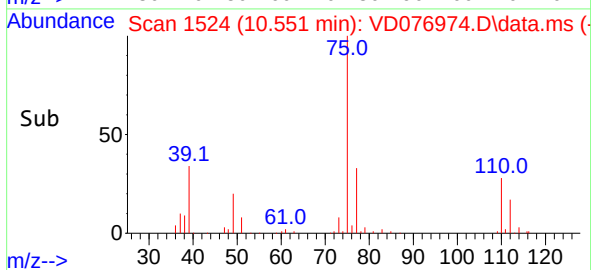
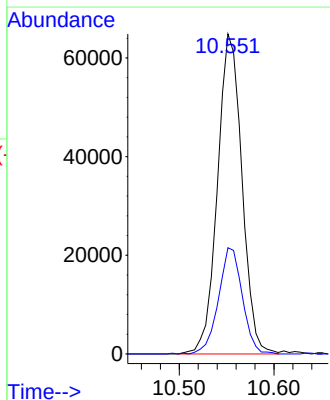
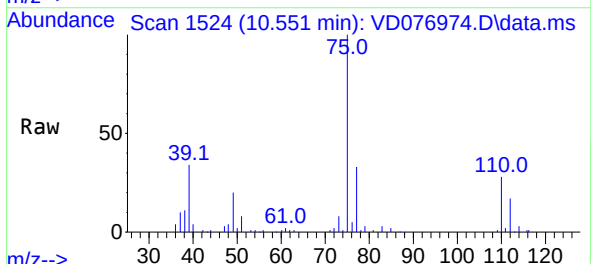
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

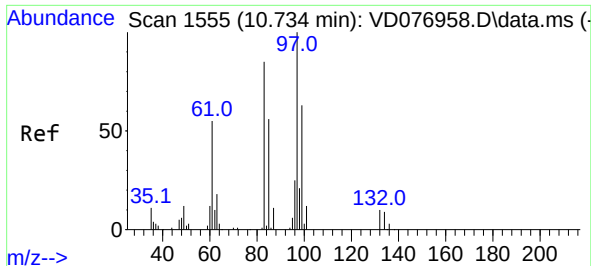
Tgt Ion: 91 Resp: 395055
Ion Ratio Lower Upper
91 100
92 58.8 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 22.290 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 75 Resp: 116425
Ion Ratio Lower Upper
75 100
77 33.2 22.5 41.7



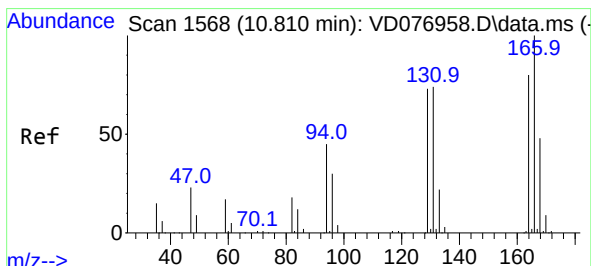
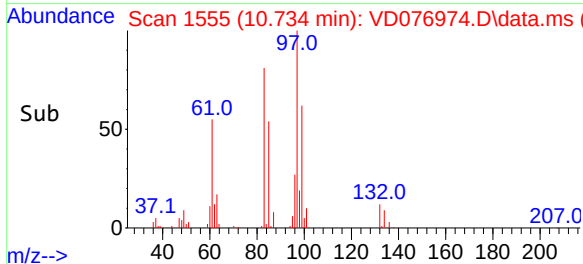
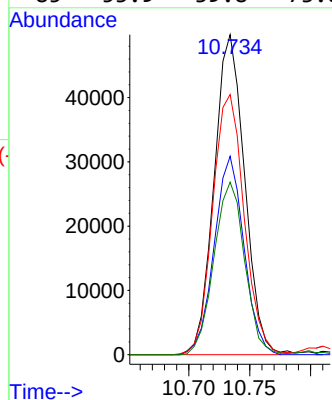
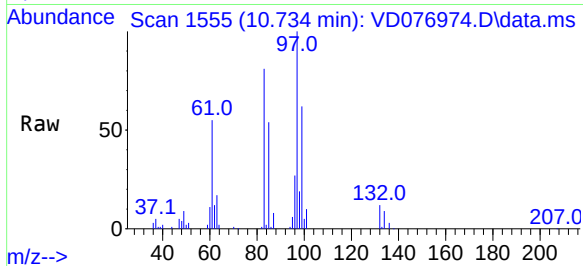


#45
1,1,2-Trichloroethane
Concen: 26.267 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Instrument :
MSVOA_D
ClientSampleId :
A4832MS

Tgt Ion: 97 Resp: 86444

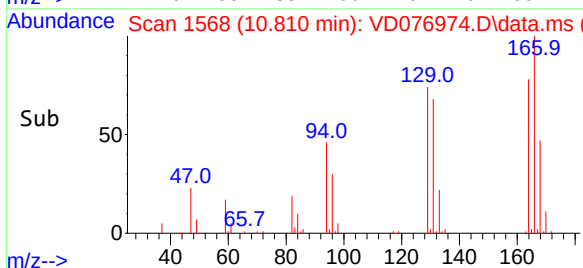
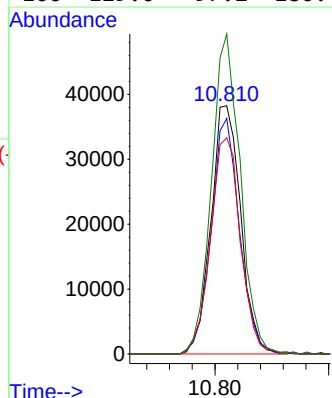
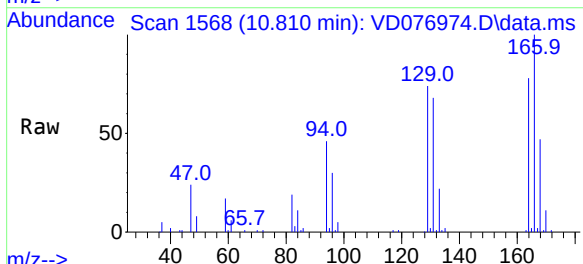
Ion	Ratio	Lower	Upper
97	100		
99	62.0	41.9	77.9
83	81.3	59.2	110.0
85	53.9	39.8	73.8

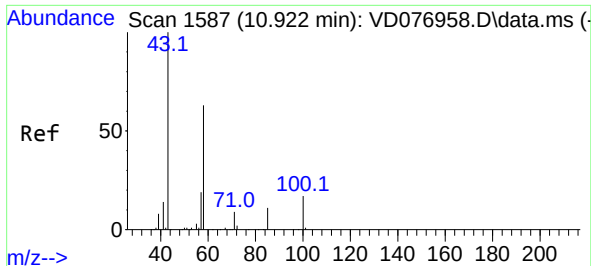


#46
Tetrachloroethene
Concen: 24.311 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 164 Resp: 69555

Ion	Ratio	Lower	Upper
164	100		
129	94.9	65.5	121.6
131	87.2	64.8	120.3
166	129.0	97.2	180.4

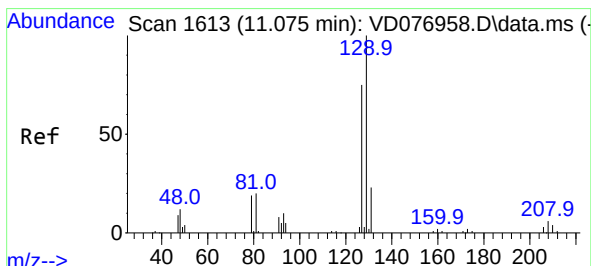
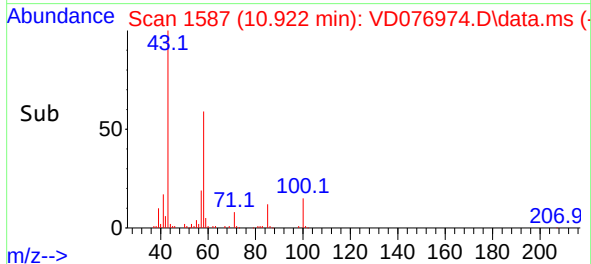
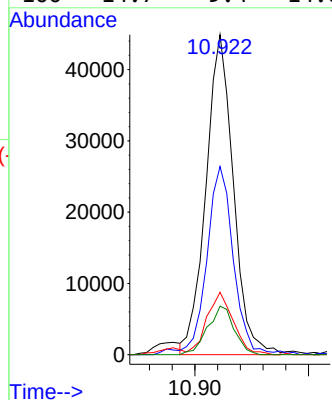
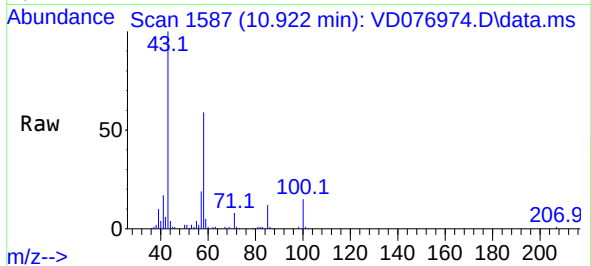




#48
2-Hexanone
Concen: 42.017 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

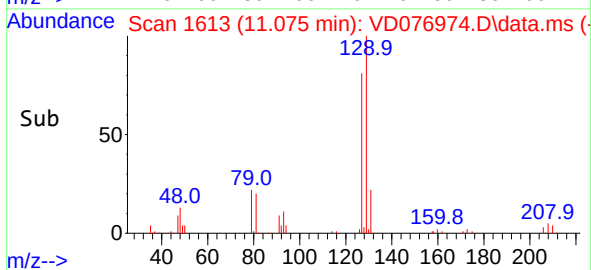
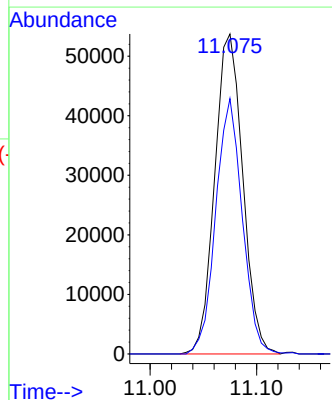
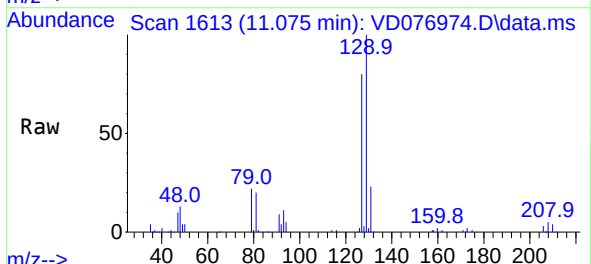
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

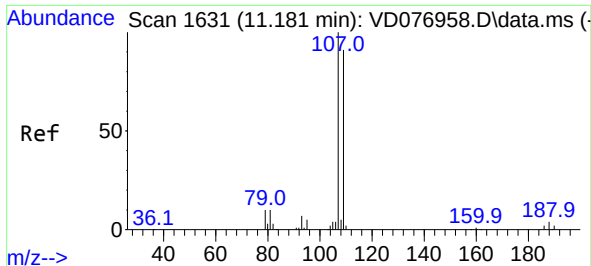
Tgt Ion: 43 Resp: 75389
Ion Ratio Lower Upper
43 100
58 55.3 42.9 64.3
57 18.8 13.7 20.5
100 14.7 9.4 14.0#



#49
Dibromochloromethane
Concen: 26.871 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 129 Resp: 98381
Ion Ratio Lower Upper
129 100
127 79.8 55.2 102.6

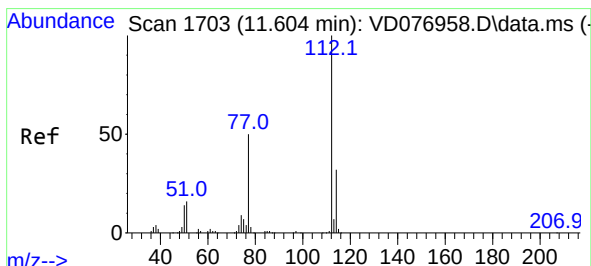
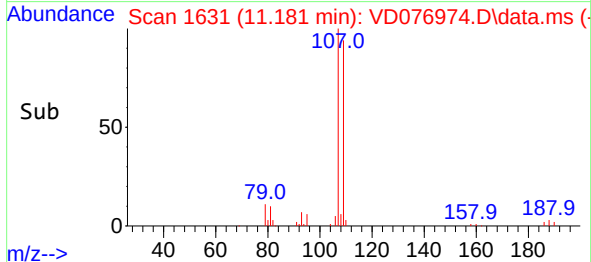
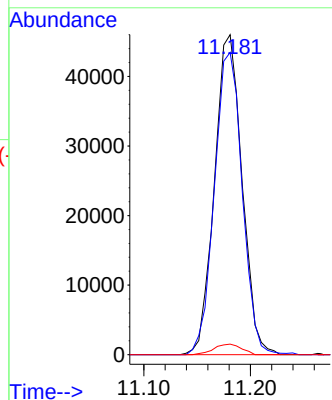
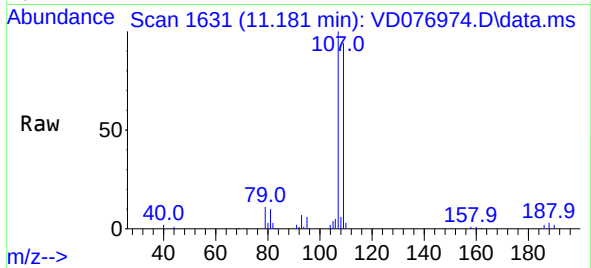




#50
1,2-Dibromoethane
Concen: 25.754 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

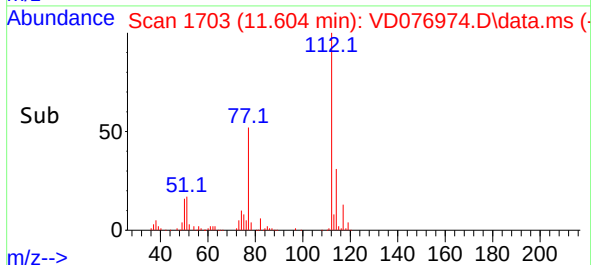
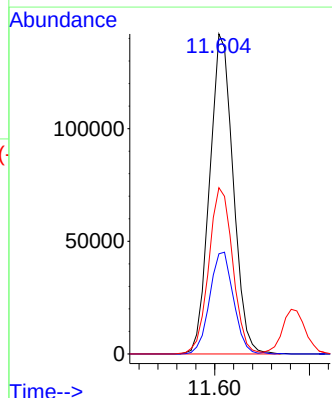
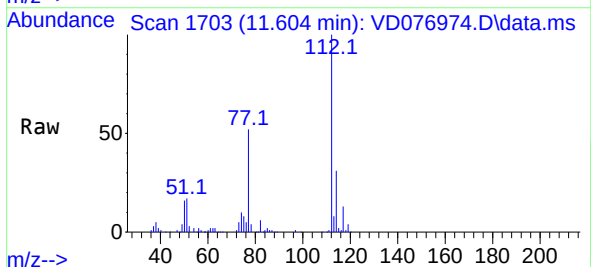
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

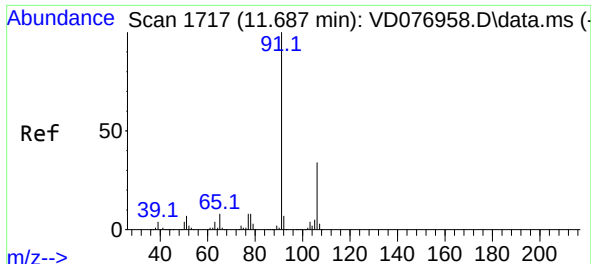
Tgt Ion:107 Resp: 82662
Ion Ratio Lower Upper
107 100
109 94.5 58.8 109.2
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 23.716 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion:112 Resp: 244925
Ion Ratio Lower Upper
112 100
114 31.3 21.5 39.9
77 52.0 43.4 65.2

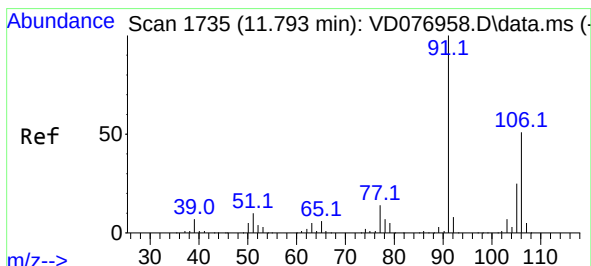
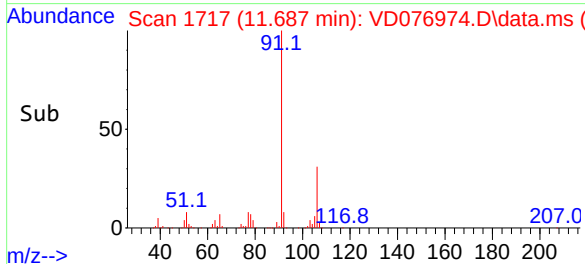
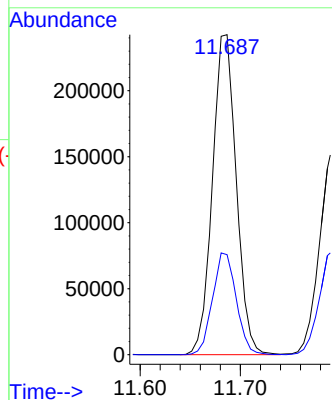
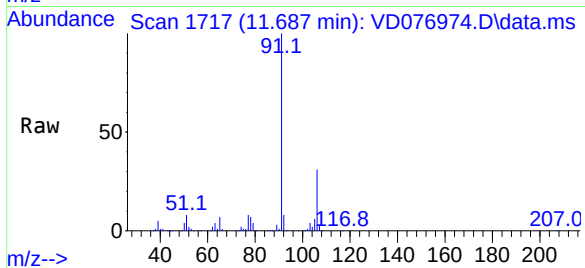




#52
Ethylbenzene
Concen: 23.740 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

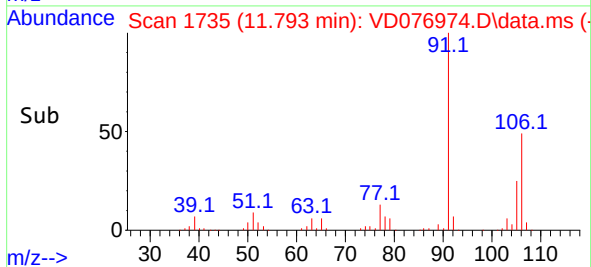
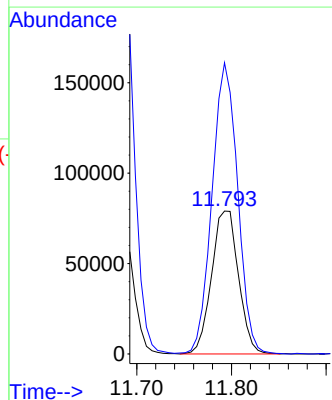
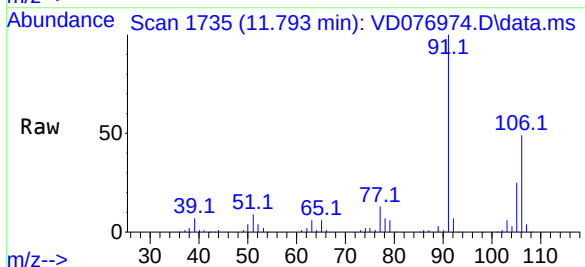
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

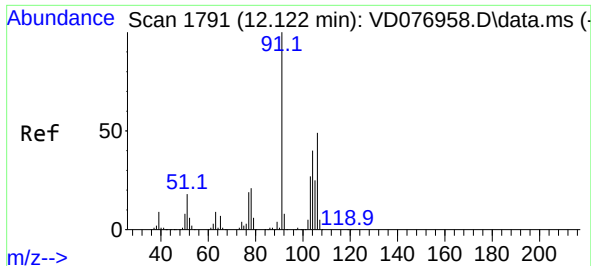
Tgt Ion: 91 Resp: 400989
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 23.951 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 106 Resp: 156093
Ion Ratio Lower Upper
106 100
91 203.7 141.5 262.9

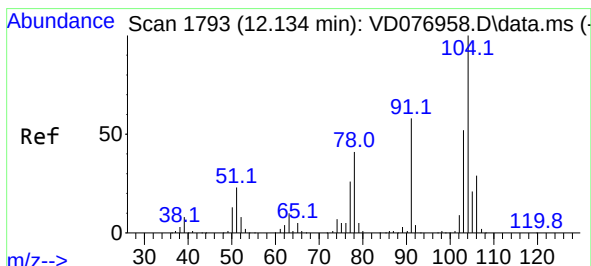
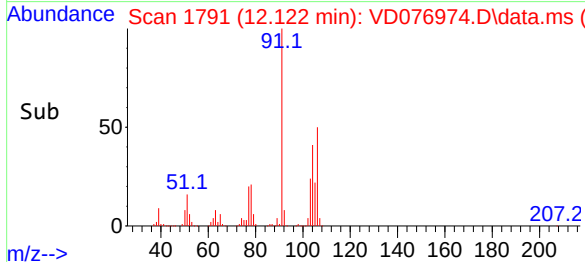
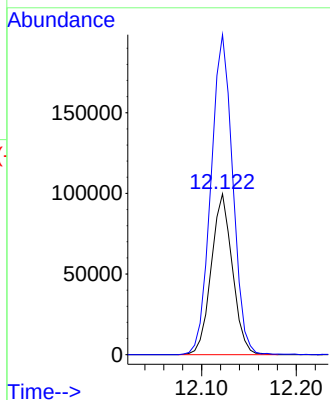
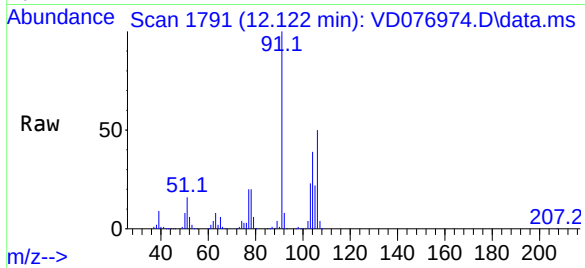




#54
o-Xylene
Concen: 24.650 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

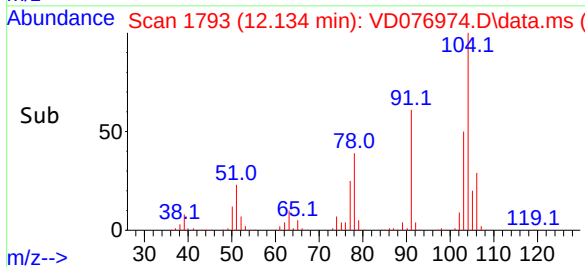
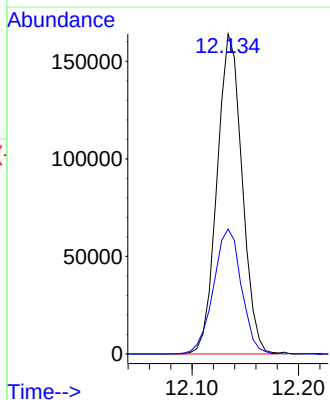
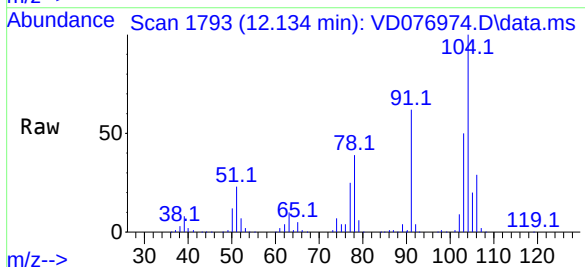
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

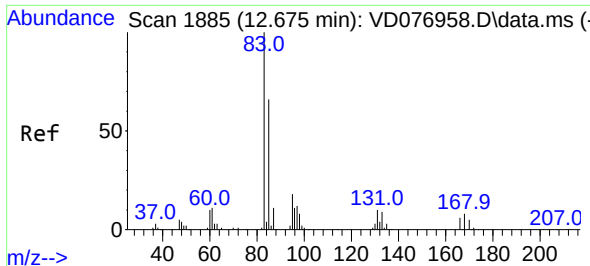
Tgt Ion:106 Resp: 154511
Ion Ratio Lower Upper
106 100
91 198.9 142.2 264.2



#55
Styrene
Concen: 23.619 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion:104 Resp: 267687
Ion Ratio Lower Upper
104 100
78 39.0 31.3 58.1

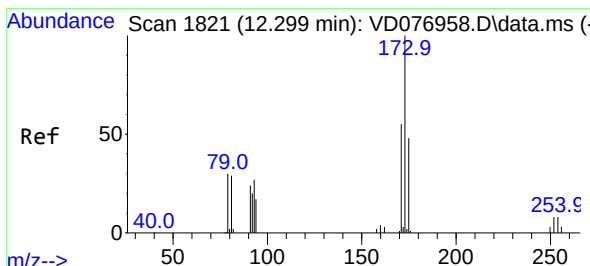
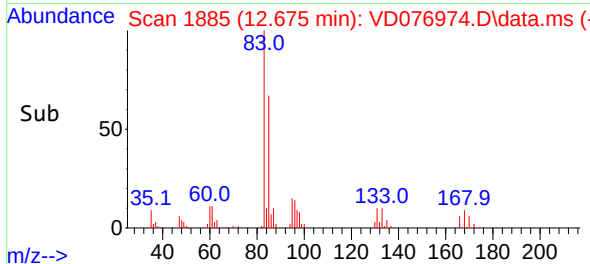
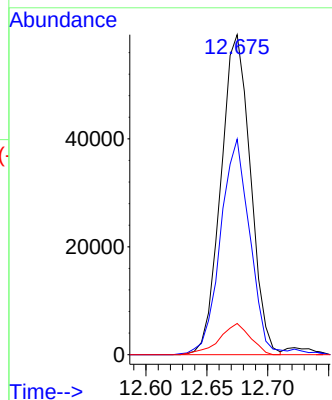
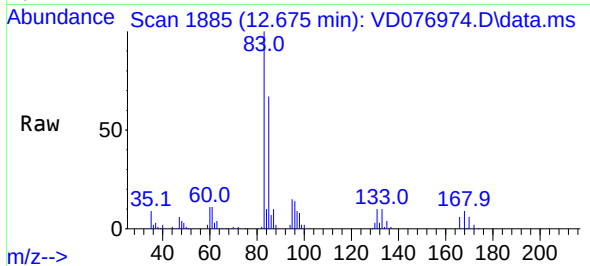




#57
1,1,2,2-Tetrachloroethane
Concen: 24.675 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

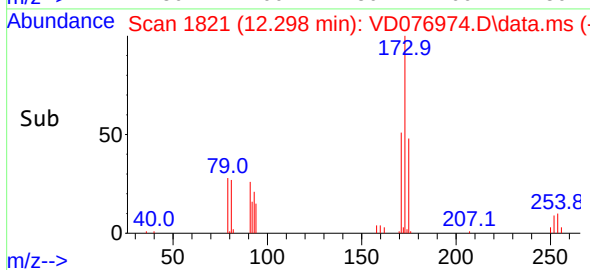
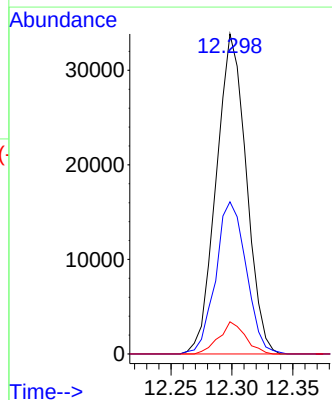
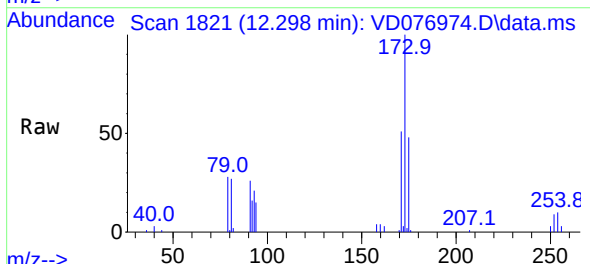
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

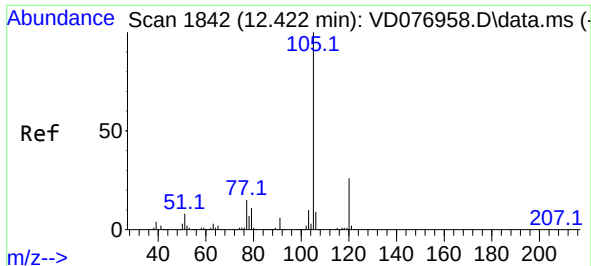
Tgt Ion: 83 Resp: 100438
Ion Ratio Lower Upper
83 100
85 67.3 46.3 86.1
131 9.7 7.0 10.4



#59
Bromoform
Concen: 28.225 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

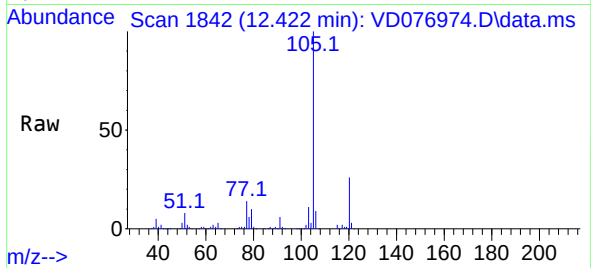
Tgt Ion: 173 Resp: 58097
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
254 8.8 5.3 7.9#



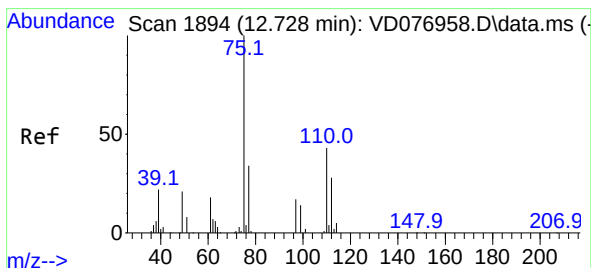
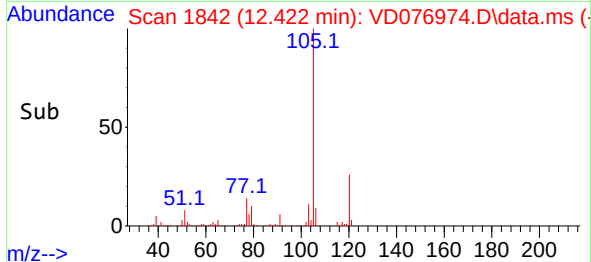
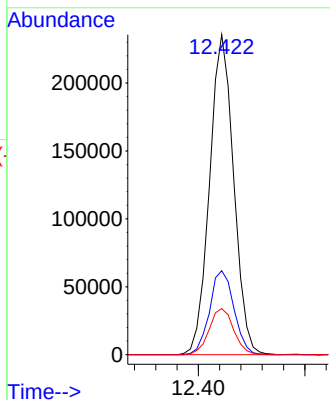


#60
Isopropylbenzene
Concen: 24.781 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Instrument :
MSVOA_D
ClientSampleId :
A4832MS

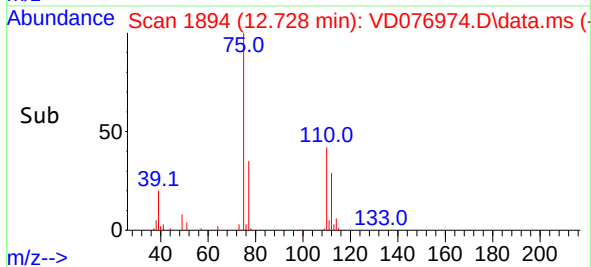
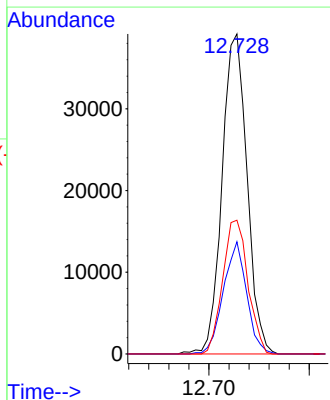
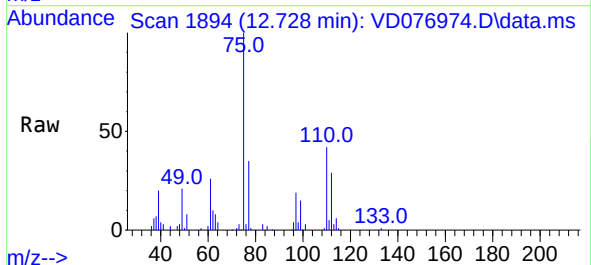


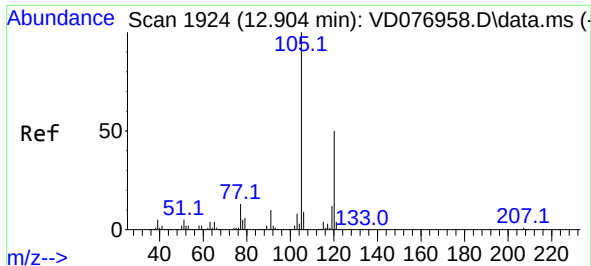
Tgt Ion:105 Resp: 369900
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 14.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 27.899 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 75 Resp: 67582
Ion Ratio Lower Upper
75 100
77 32.8 27.2 40.8
110 42.3 31.8 47.6

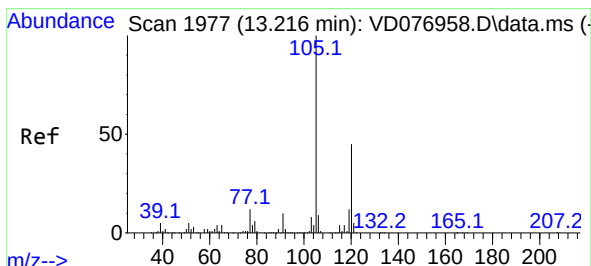
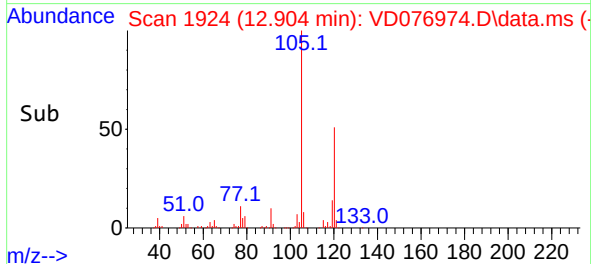
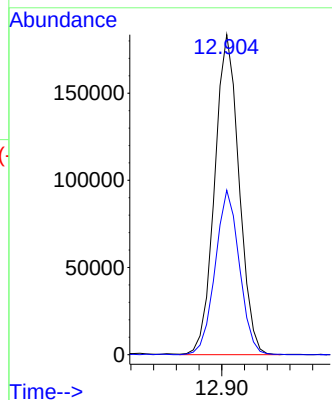
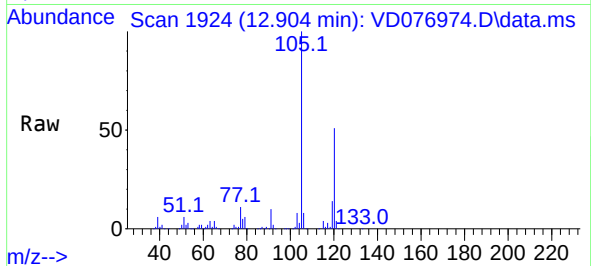




#62
1,3,5-Trimethylbenzene
Concen: 24.091 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

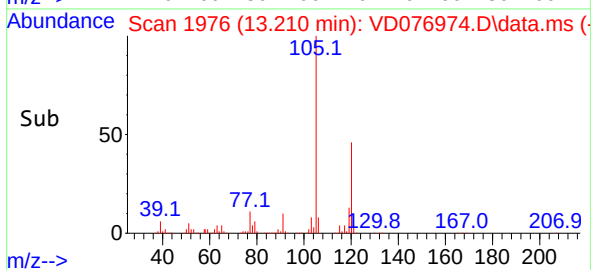
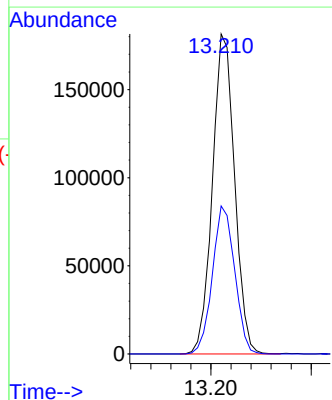
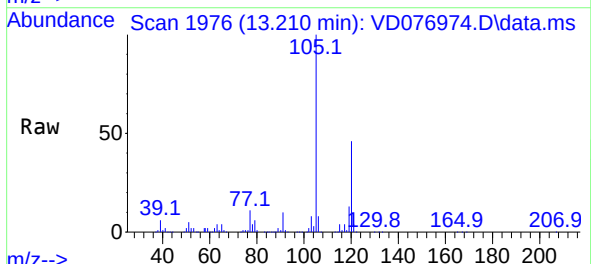
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

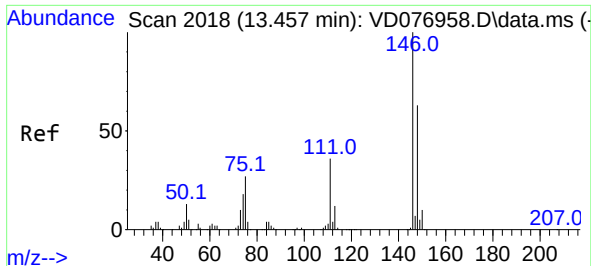
Tgt Ion:105 Resp: 273947
Ion Ratio Lower Upper
105 100
120 50.9 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 24.629 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion:105 Resp: 278713
Ion Ratio Lower Upper
105 100
120 46.5 37.5 56.3

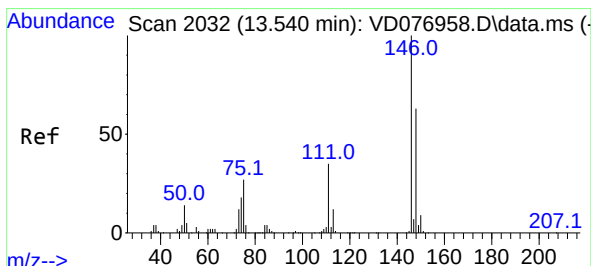
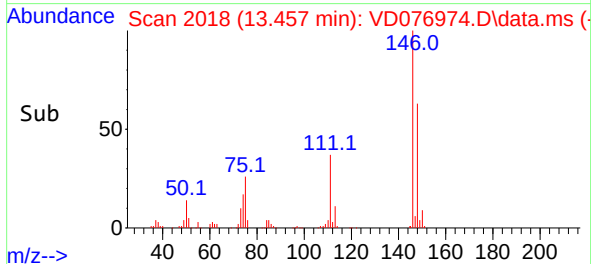
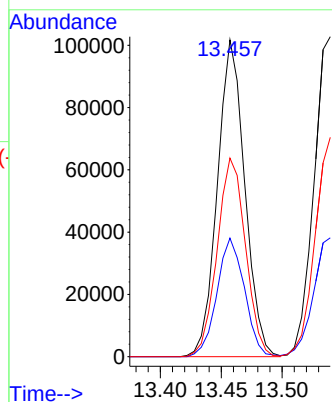
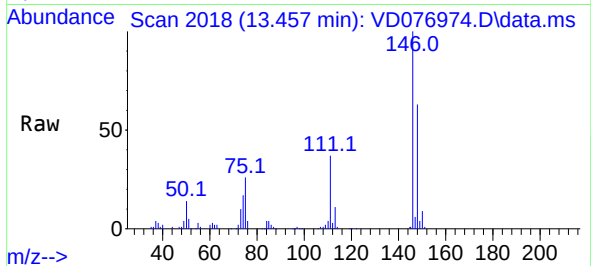




#64
1,3-Dichlorobenzene
Concen: 23.373 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

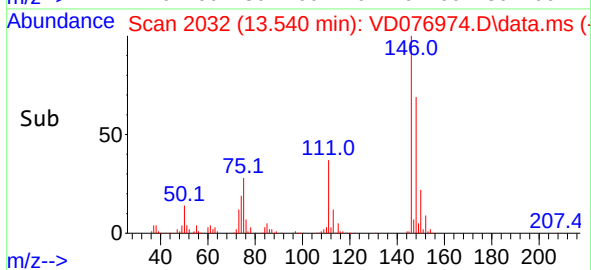
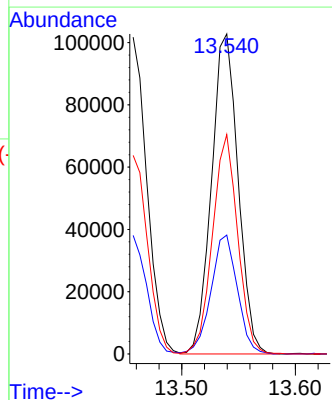
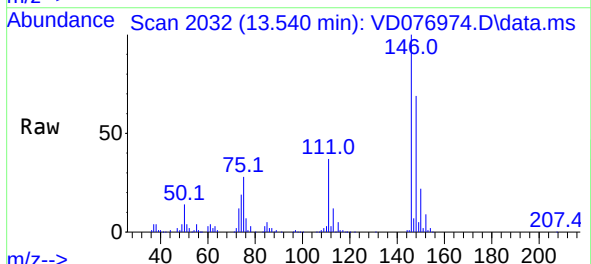
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

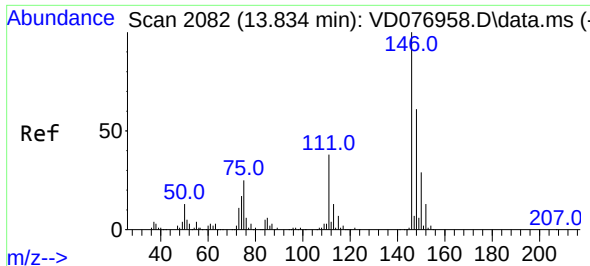
Tgt Ion:146 Resp: 159224
Ion Ratio Lower Upper
146 100
111 37.4 25.6 47.4
148 62.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 23.744 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion:146 Resp: 167197
Ion Ratio Lower Upper
146 100
111 37.1 25.7 47.7
148 68.6 45.4 84.2

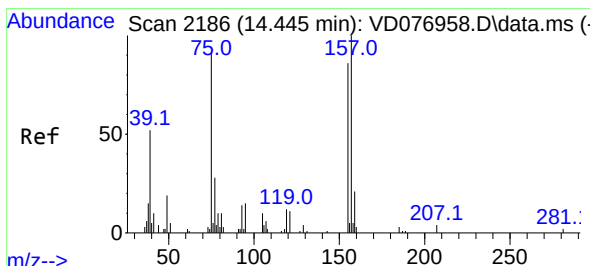
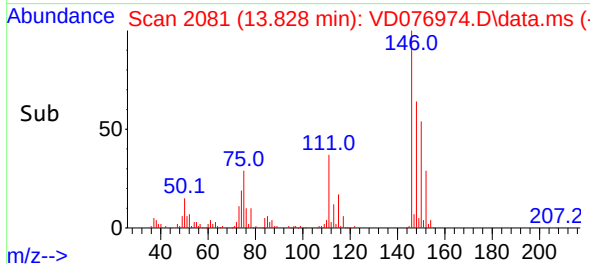
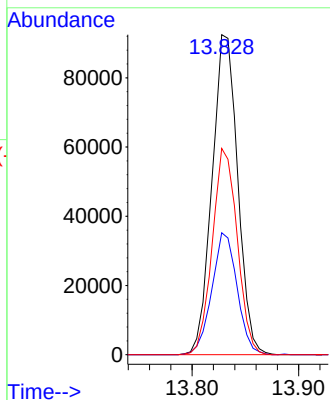
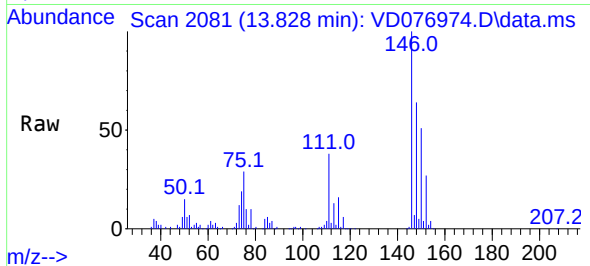




#67
1,2-Dichlorobenzene
Concen: 24.208 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

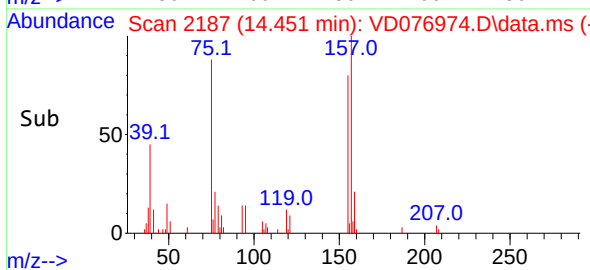
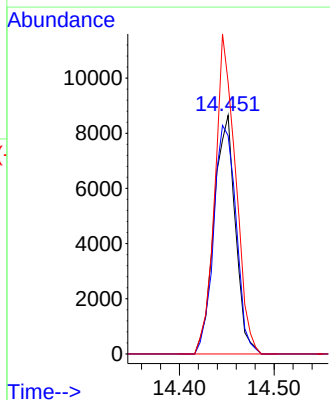
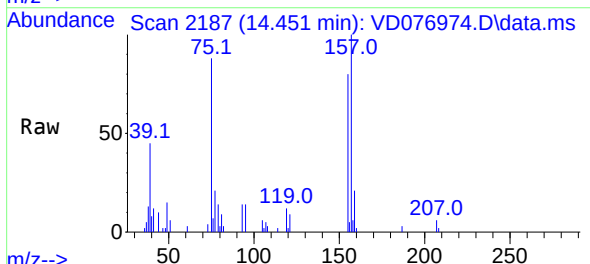
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

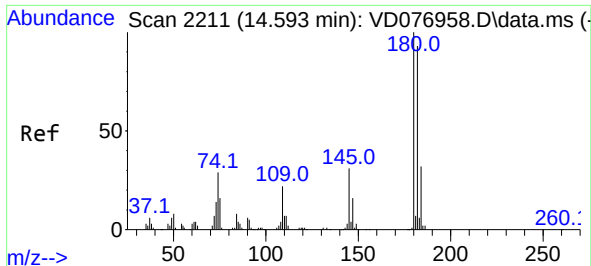
Tgt Ion:146 Resp: 154601
Ion Ratio Lower Upper
146 100
111 38.1 31.3 46.9
148 64.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.413 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion: 75 Resp: 13550
Ion Ratio Lower Upper
75 100
155 91.5 76.2 114.4
157 113.9 89.4 134.2

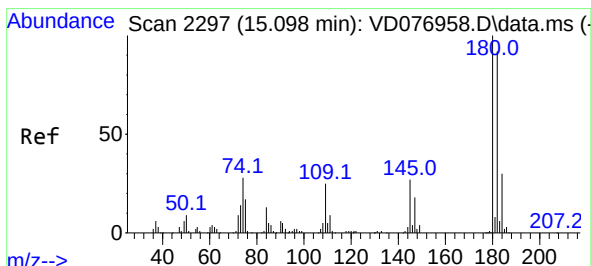
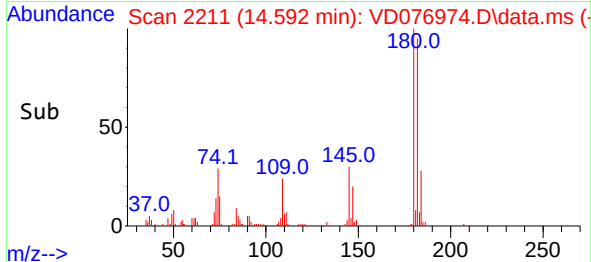
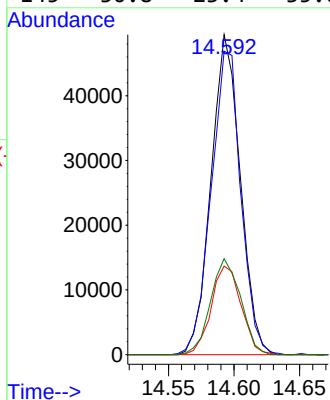
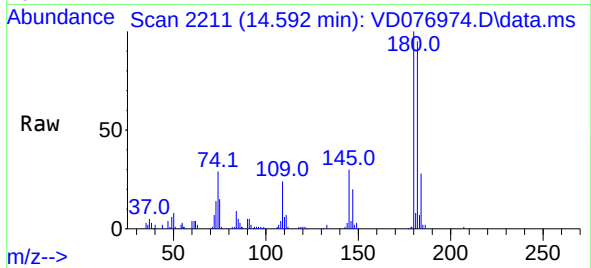




#69
1,3,5-Trichlorobenzene
Concen: 17.977 ug/L
RT: 14.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

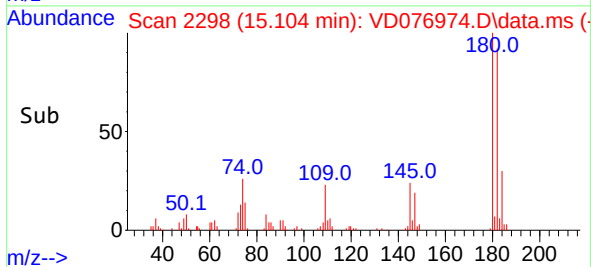
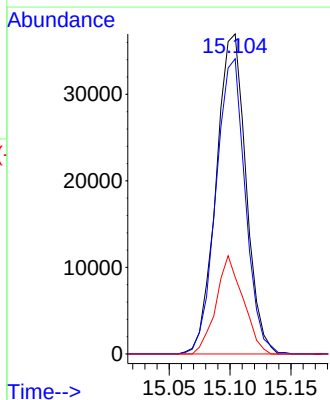
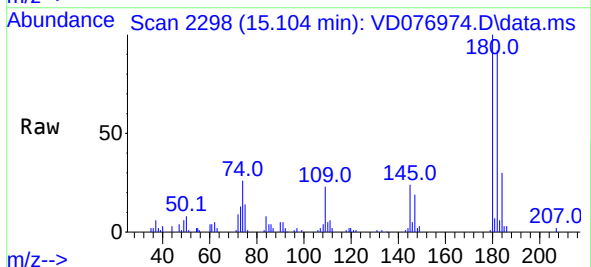
Instrument :
MSVOA_D
ClientSampleId :
A4832MS

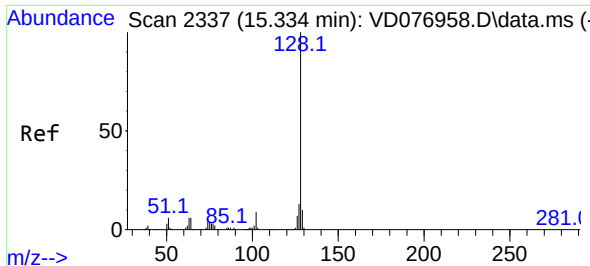
Tgt Ion:180	Resp:	76636
Ion	Ratio	Lower Upper
180	100	
182	96.5	77.1 115.7
184	28.3	25.0 37.4
145	30.8	23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 16.796 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion:180	Resp:	62985
Ion	Ratio	Lower Upper
180	100	
182	90.8	76.9 115.3
145	27.8	23.5 35.3

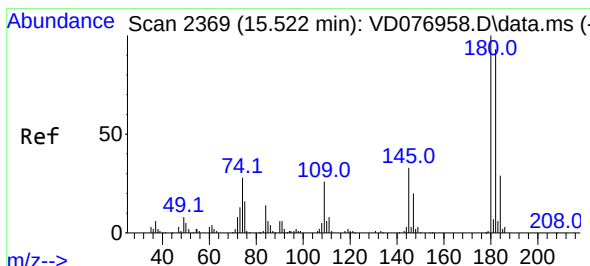
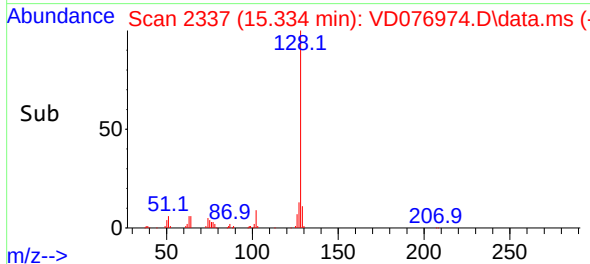
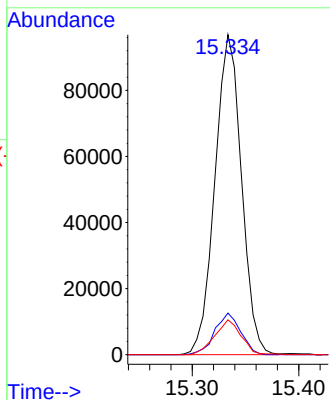
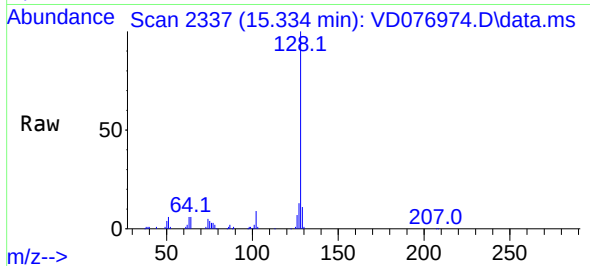




#71
Naphthalene
Concen: 19.024 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Instrument :
MSVOA_D
ClientSampleId :
A4832MS

Tgt Ion:128 Resp: 167748
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 16.169 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076974.D
Acq: 10 Aug 2023 20:41

Tgt Ion:180 Resp: 54989
Ion Ratio Lower Upper
180 100
182 95.9 74.3 111.5
145 30.6 25.0 37.6

