

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076975.D
 Acq On : 10 Aug 2023 21:09
 Operator : JC/SY
 Sample : 03965-03MSD
 Misc : 5.58G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MSD

Quant Time: Aug 11 03:08:40 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	134619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	134190	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	55735	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	154365	41.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 166.800%#	
7) Chloroethane-d5	2.793	69	159081	46.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 185.920%#	
11) 1,1-Dichloroethene-d2	3.910	65	36924	42.093	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 168.360%#	
21) 2-Butanone-d5	6.981	46	41149	69.231	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 138.460%#	
24) Chloroform-d	7.569	84	216700	49.434	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 197.720%#	
26) 1,2-Dichloroethane-d4	8.228	65	116282	53.213	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 212.840%#	
32) Benzene-d6	8.199	84	415420	49.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 196.960%#	
36) 1,2-Dichloropropane-d6	9.210	67	129568	49.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 199.800%#	
41) Toluene-d8	10.269	98	360976	46.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 186.680%#	
43) trans-1,3-Dichloroprop...	10.528	79	45690	38.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 155.840%#	
47) 2-Hexanone-d5	10.881	63	34756	70.143	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 140.280%#	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	119904	47.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 191.360%#	
66) 1,2-Dichlorobenzene-d4	13.816	152	80081	39.301	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 157.200%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	80274	35.976	ug/L	100
3) Chloromethane	2.146	50	121300	41.903	ug/L	99
5) Vinyl chloride	2.275	62	166104	40.125	ug/L	96
6) Bromomethane	2.687	94	92467	29.924	ug/L	97
8) Chloroethane	2.828	64	115432	41.421	ug/L	98
9) Trichlorofluoromethane	3.163	101	134659	39.288	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	78846	35.303	ug/L	98
12) 1,1-Dichloroethene	3.928	96	80254	40.525	ug/L	87
13) Acetone	4.028	43	27116	44.614	ug/L	97
14) Carbon disulfide	4.263	76	253644	36.902	ug/L	99
15) Methyl Acetate	4.569	43	22997	22.386	ug/L	92
16) Methylene chloride	4.793	84	104191	36.897	ug/L	77
17) trans-1,2-Dichloroethene	5.305	96	90616	40.411	ug/L	82
18) Methyl tert-butyl Ether	5.316	73	232607	46.954	ug/L #	90
19) 1,1-Dichloroethane	6.104	63	158505	42.336	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	103921	41.517	ug/L	92
22) 2-Butanone	7.081	43	54084	63.600	ug/L	90
23) Bromochloromethane	7.428	128	53017	43.668	ug/L	73
25) Chloroform	7.593	83	178252	43.470	ug/L	98

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 Response via : Initial Calibration

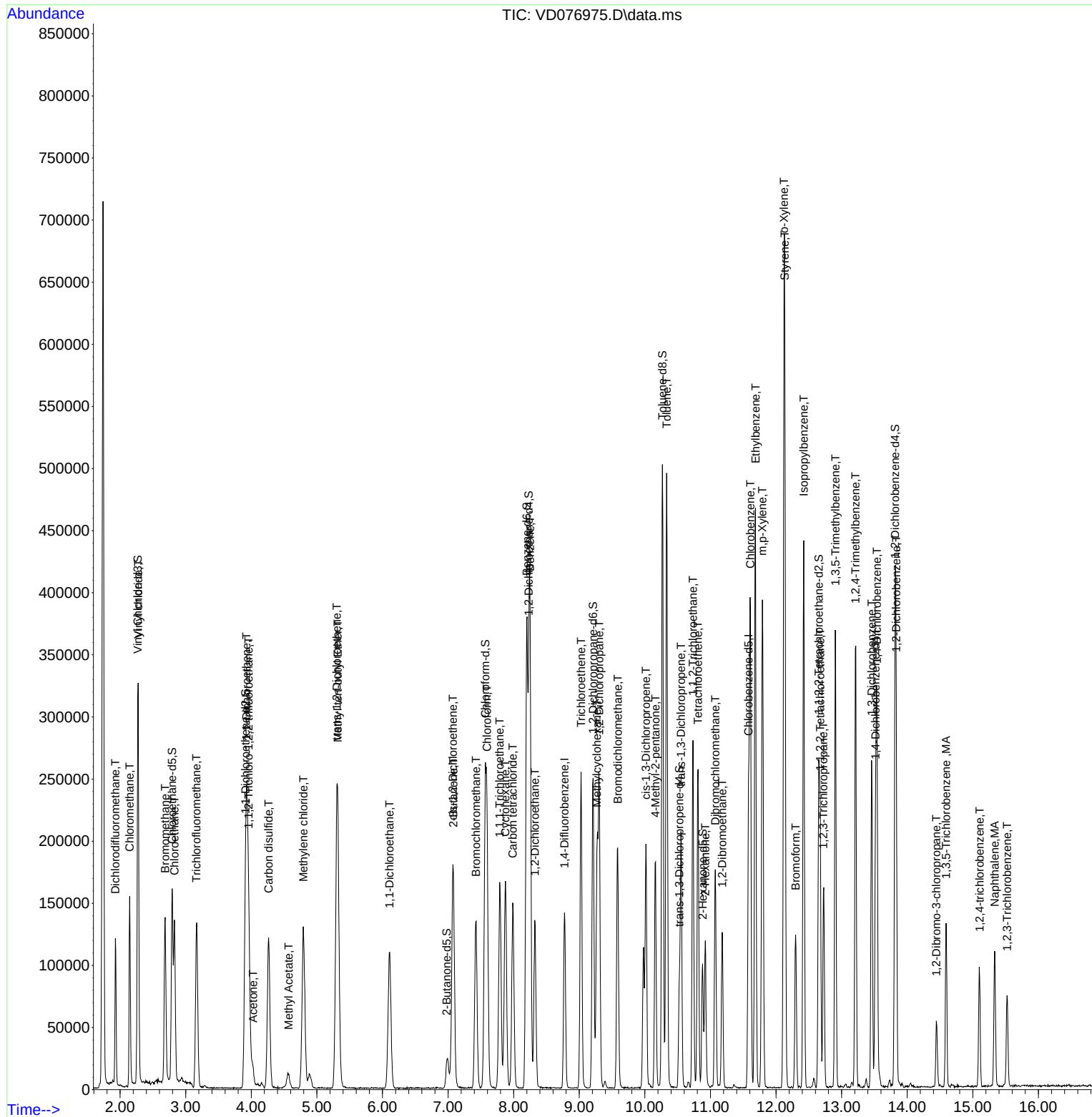
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	115228	44.836	ug/L	99
29) Cyclohexane	7.875	56	86996	29.451	ug/L #	82
30) 1,1,1-Trichloroethane	7.787	97	135740	40.824	ug/L	96
31) Carbon tetrachloride	7.987	117	108714	39.950	ug/L	98
33) Benzene	8.251	78	383036	43.547	ug/L	100
34) Trichloroethene	9.028	95	88358	38.574	ug/L	96
35) Methylcyclohexane	9.269	83	80982	21.679	ug/L	91
37) 1,2-Dichloropropane	9.304	63	97362	43.574	ug/L	98
38) Bromodichloromethane	9.587	83	138329	44.956	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	120293	33.358	ug/L	97
40) 4-Methyl-2-pentanone	10.163	43	112819	80.137	ug/L #	90
42) Toluene	10.334	91	383039	40.047	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	113083	35.881	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	89962	45.302	ug/L	99
46) Tetrachloroethene	10.810	164	57004	33.019	ug/L	94
48) 2-Hexanone	10.922	43	72531	66.994	ug/L #	93
49) Dibromochloromethane	11.075	129	95807	43.367	ug/L	92
50) 1,2-Dibromoethane	11.181	107	80041	41.327	ug/L #	87
51) Chlorobenzene	11.610	112	222769	35.749	ug/L	97
52) Ethylbenzene	11.687	91	348511	34.195	ug/L	97
53) m,p-Xylene	11.792	106	136365	34.676	ug/L	86
54) o-Xylene	12.122	106	134896	35.665	ug/L	92
55) Styrene	12.134	104	208976	30.558	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	100904	41.083	ug/L	100
59) Bromoform	12.298	173	56142	50.792	ug/L #	99
60) Isopropylbenzene	12.422	105	290997	36.304	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	67629	51.990	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	197686	32.374	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	199530	32.834	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	113742	31.092	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	116093	30.701	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	104933	30.598	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13370	44.858	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	41739	18.232	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	30741	15.265	ug/L	98
71) Naphthalene	15.333	128	97332	20.556	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	25152	13.772	ug/L	96

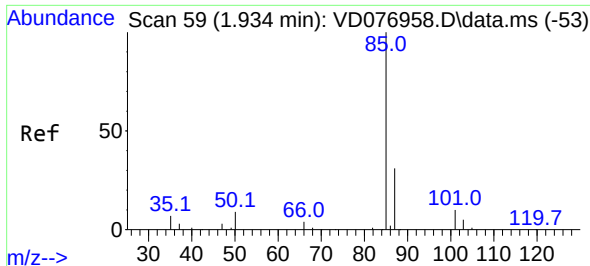
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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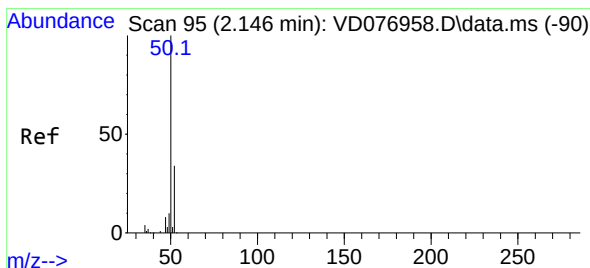
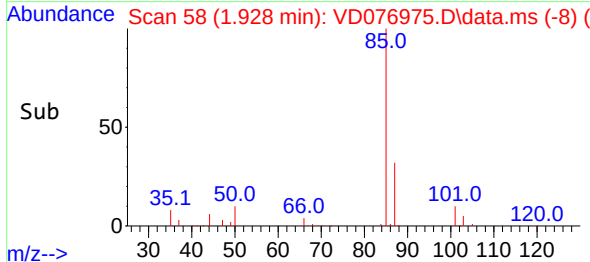
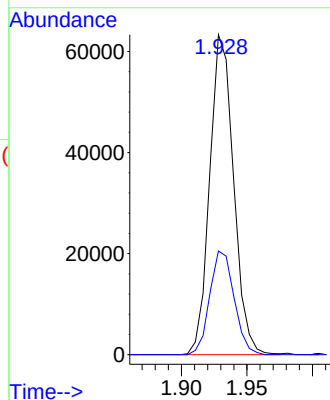
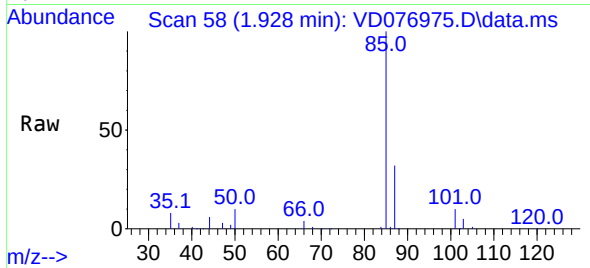




#2
 Dichlorodifluoromethane
 Concen: 35.976 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. -0.006 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

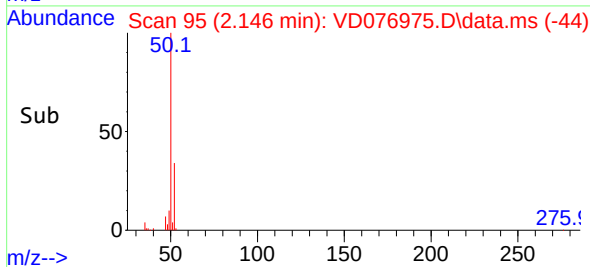
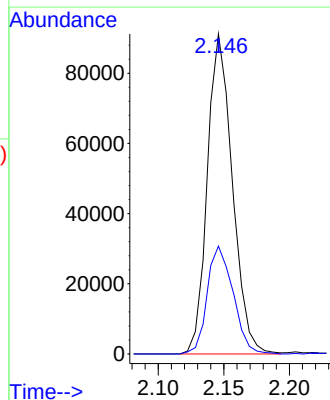
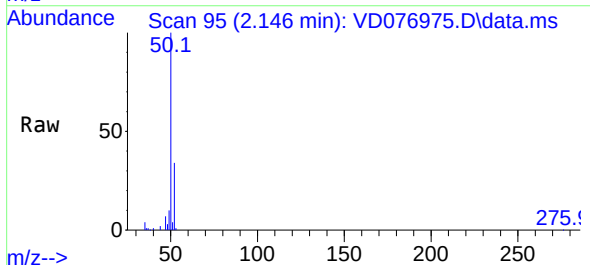
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 ClientSampleId :
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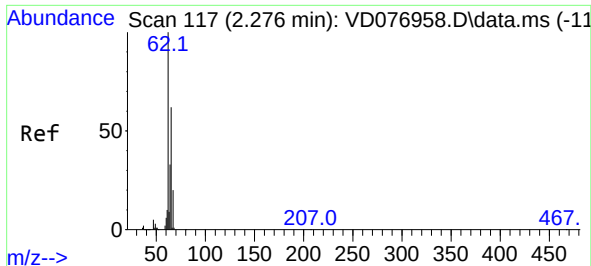
Tgt Ion: 85 Resp: 80274
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.3 39.5



#3
 Chloromethane
 Concen: 41.903 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

Tgt Ion: 50 Resp: 121300
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2

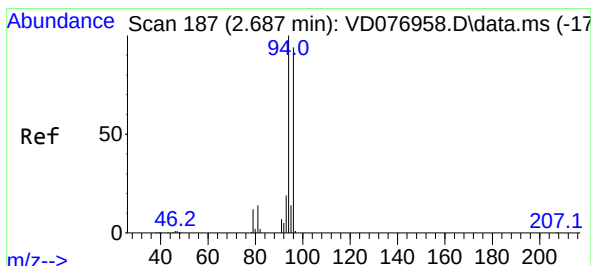
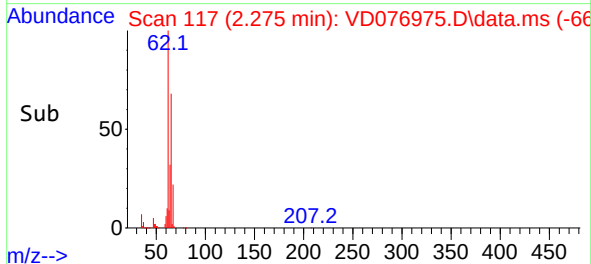
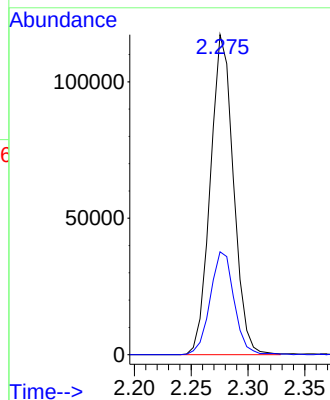
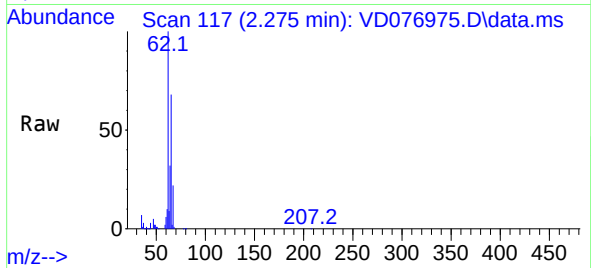




#5
 Vinyl chloride
 Concen: 40.125 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

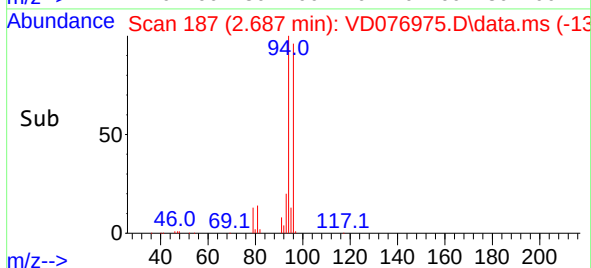
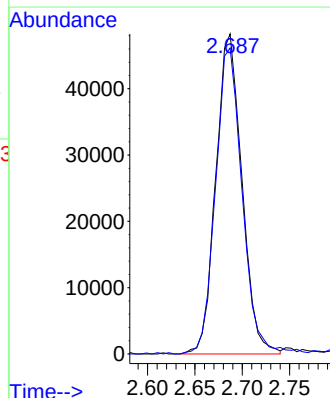
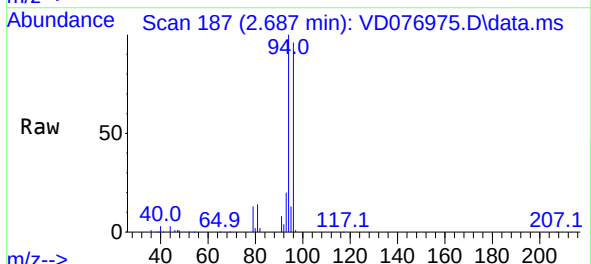
Instrument :
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 ClientSampleId :
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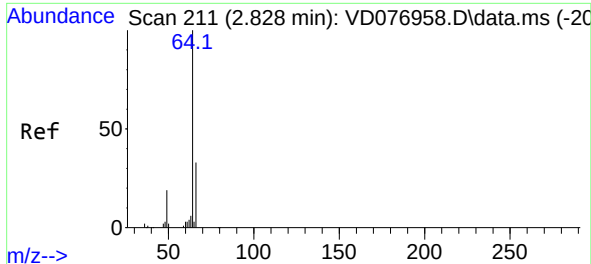
Tgt Ion: 62 Resp: 166104
 Ion Ratio Lower Upper
 62 100
 64 32.2 21.1 39.1



#6
 Bromomethane
 Concen: 29.924 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

Tgt Ion: 94 Resp: 92467
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.7 120.1

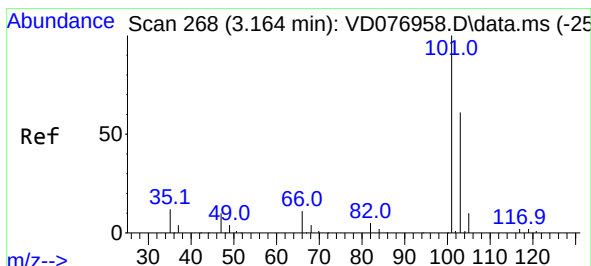
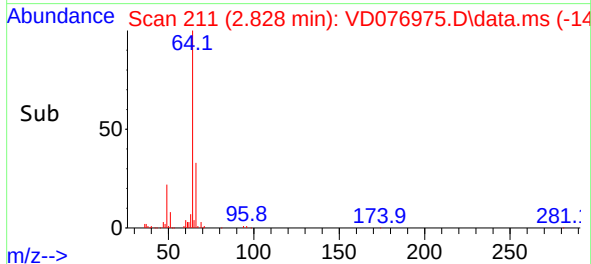
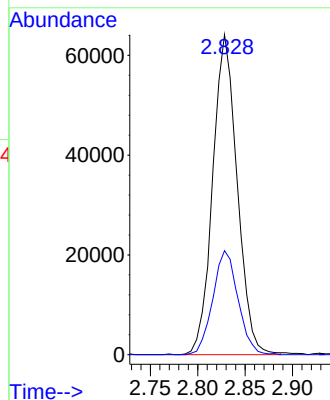
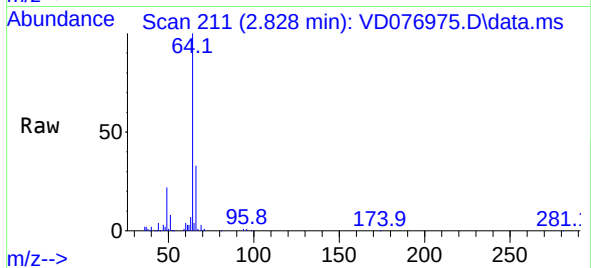




#8
Chloroethane
Concen: 41.421 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

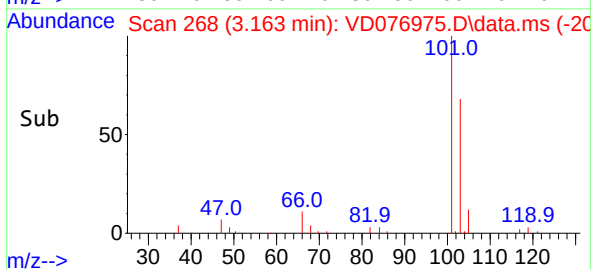
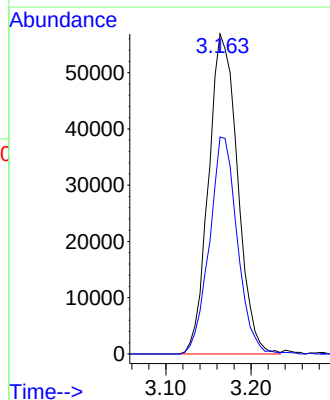
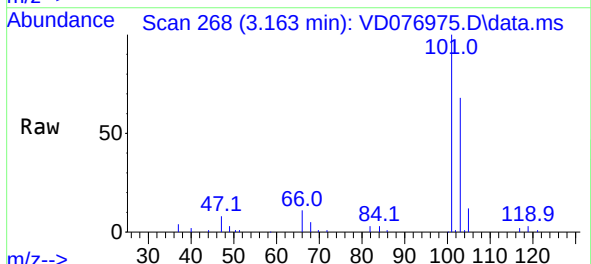
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

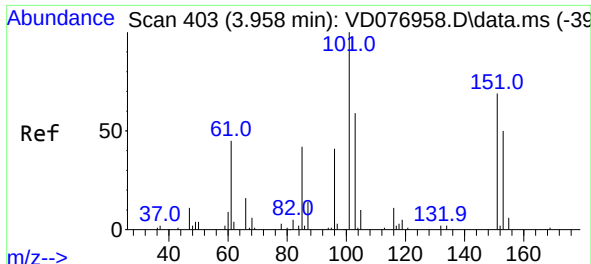
Tgt Ion: 64 Resp: 115432
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 39.288 ug/L
RT: 3.163 min Scan# 268
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 101 Resp: 134659
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

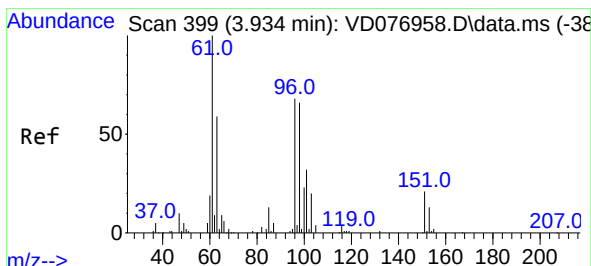
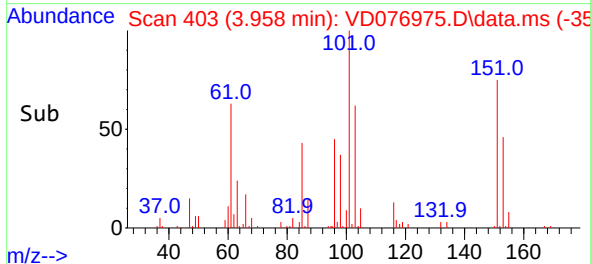
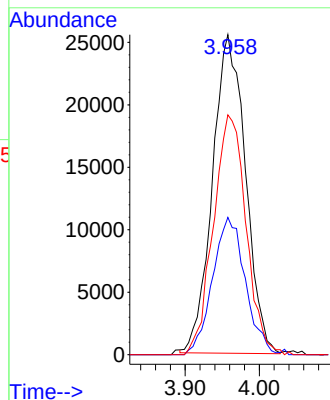
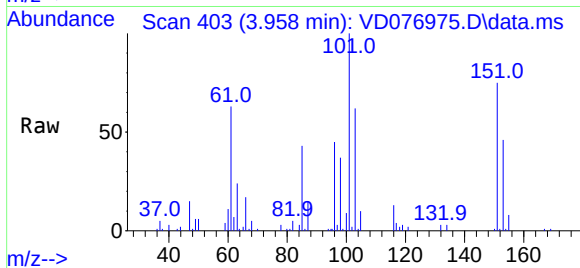




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 35.303 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

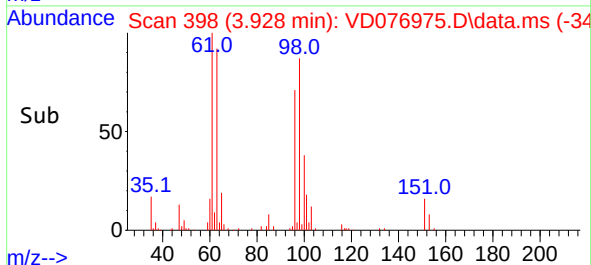
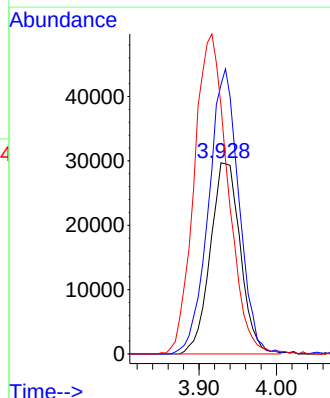
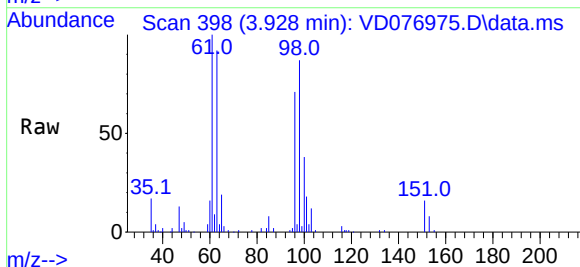
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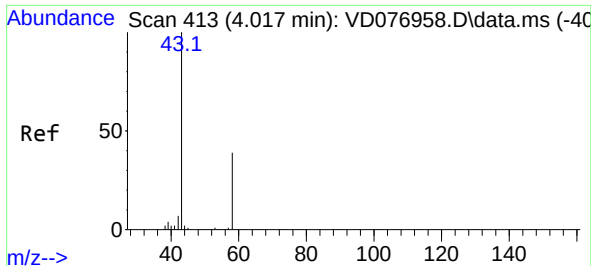
Tgt Ion:	101	Resp:	78846
Ion	Ratio	Lower	Upper
101	100		
85	42.7	35.5	53.3
151	74.5	58.6	87.8



#12
 1,1-Dichloroethene
 Concen: 40.525 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.006 min
 Lab File: VD076975.D
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Tgt Ion:	96	Resp:	80254
Ion	Ratio	Lower	Upper
96	100		
61	140.9	113.0	209.8
63	129.9	83.6	155.2

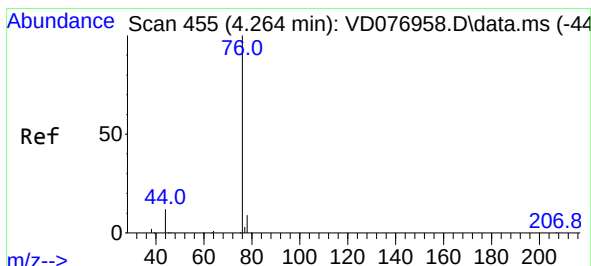
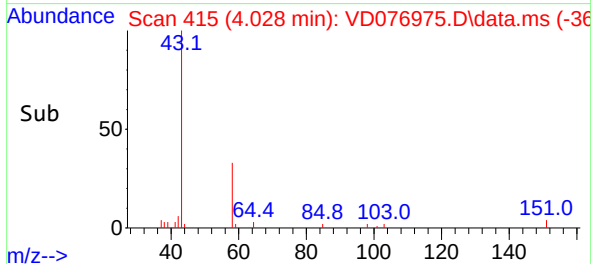
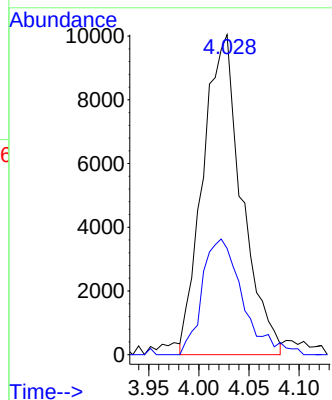
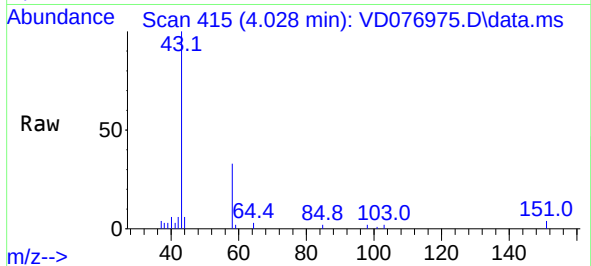




#13
Acetone
Concen: 44.614 ug/L
RT: 4.028 min Scan# 413
Delta R.T. 0.012 min
Lab File: VD076975.D
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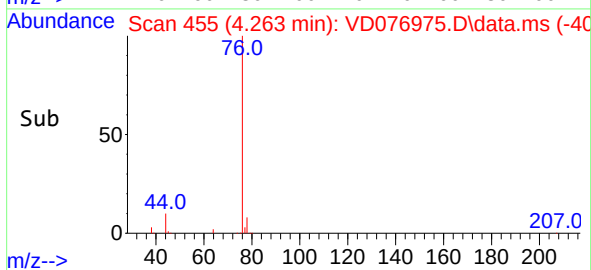
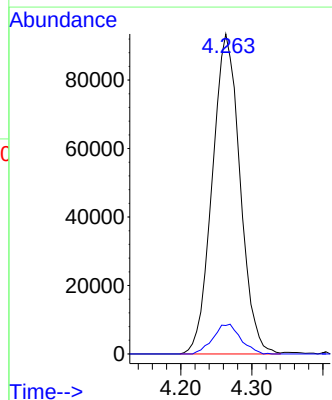
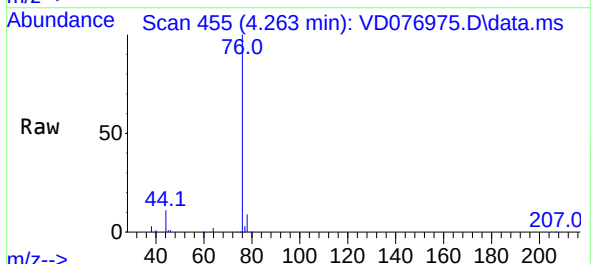
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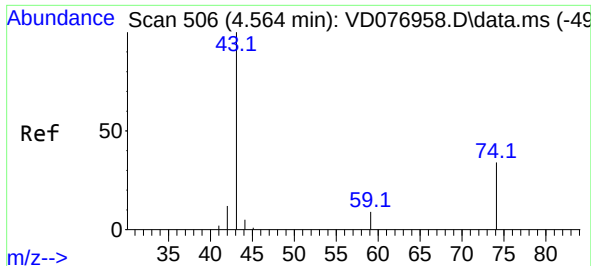
Tgt Ion: 43 Resp: 27116
Ion Ratio Lower Upper
43 100
58 35.2 0.0 67.4



#14
Carbon disulfide
Concen: 36.902 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 253644
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

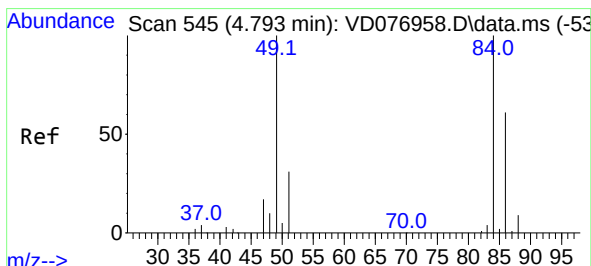
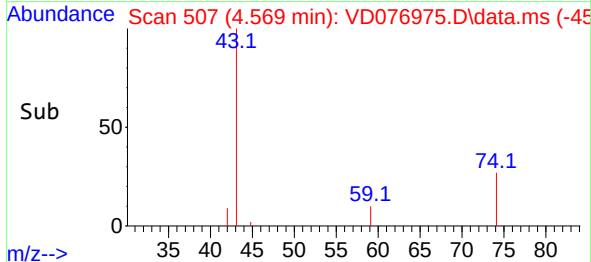
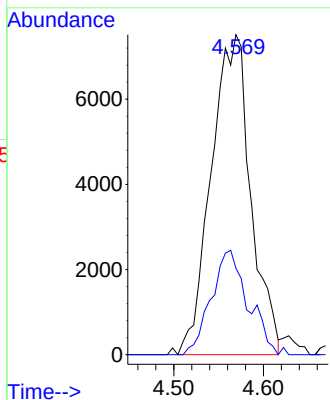
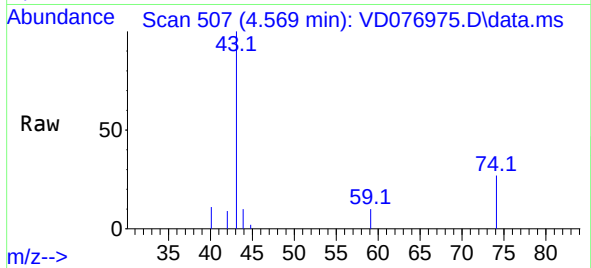




#15
Methyl Acetate
Concen: 22.386 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

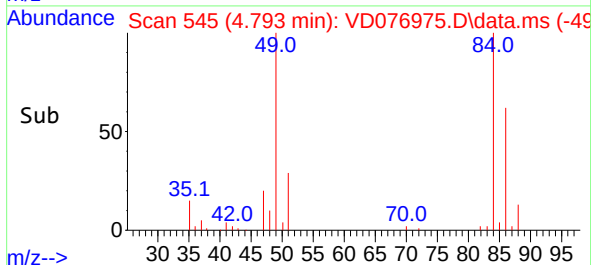
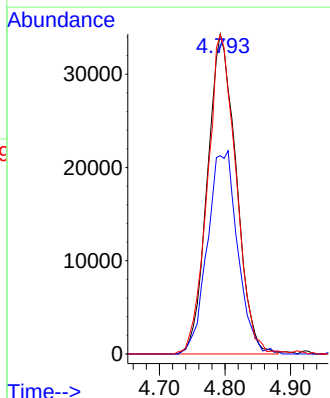
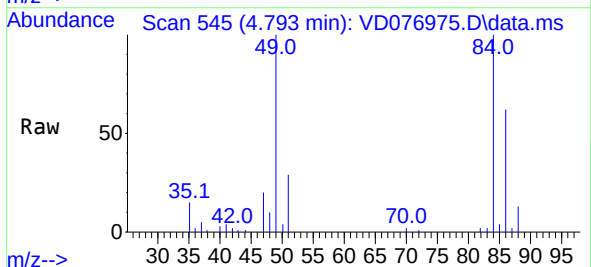
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

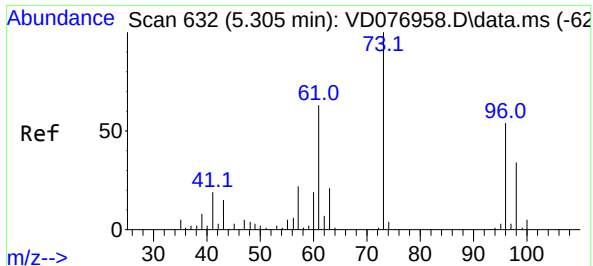
Tgt Ion: 43 Resp: 22997
Ion Ratio Lower Upper
43 100
74 26.6 18.2 27.2



#16
Methylene chloride
Concen: 36.897 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 84 Resp: 104191
Ion Ratio Lower Upper
84 100
86 61.9 45.1 83.9
49 99.8 97.2 180.6

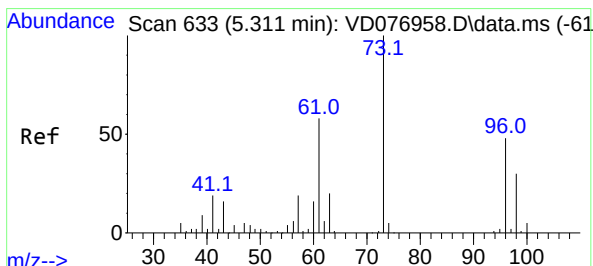
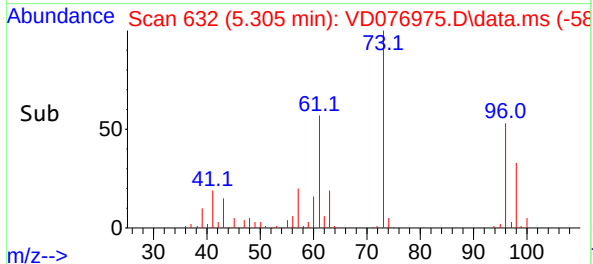
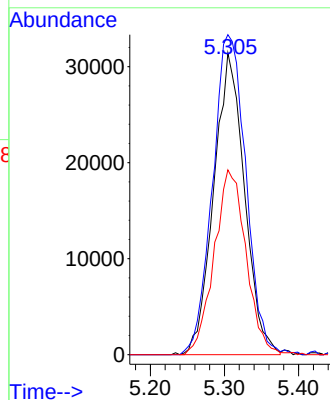
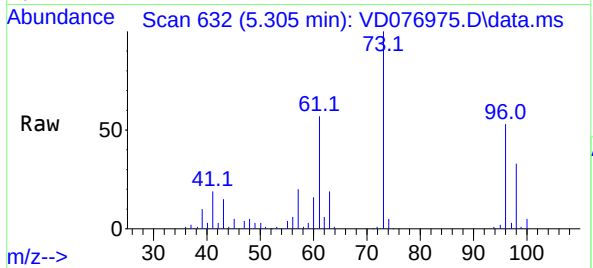




#17
trans-1,2-Dichloroethene
Concen: 40.411 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

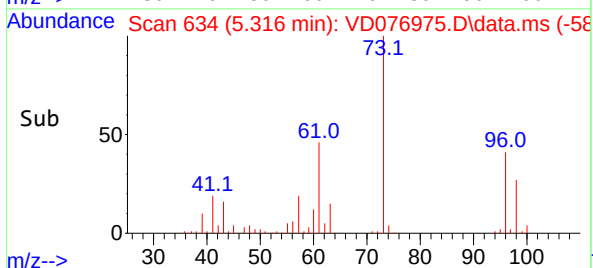
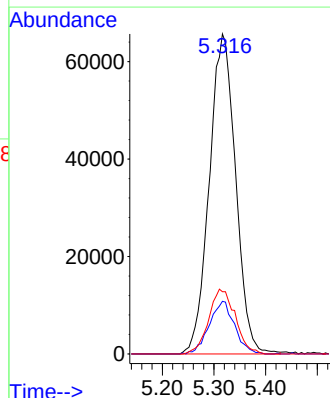
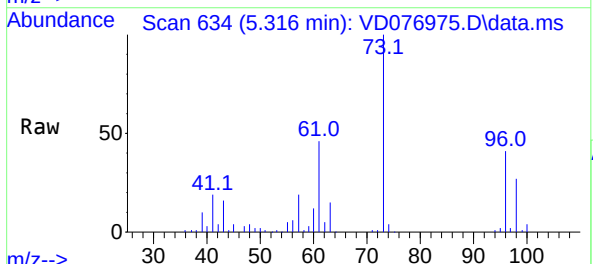
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

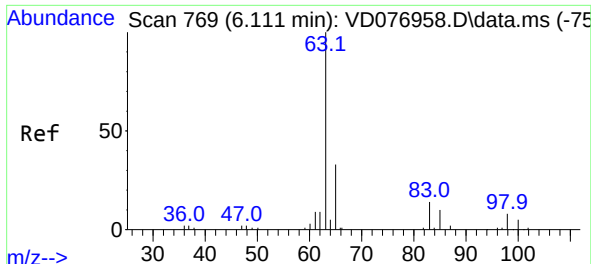
Tgt Ion: 96 Resp: 90616
Ion Ratio Lower Upper
96 100
61 106.1 94.5 175.5
98 61.2 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 46.954 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 73 Resp: 232607
Ion Ratio Lower Upper
73 100
43 15.8 7.2 10.8#
57 20.4 18.6 28.0

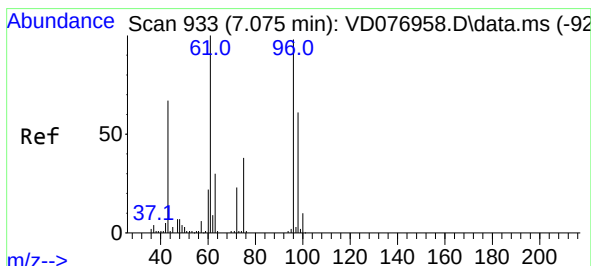
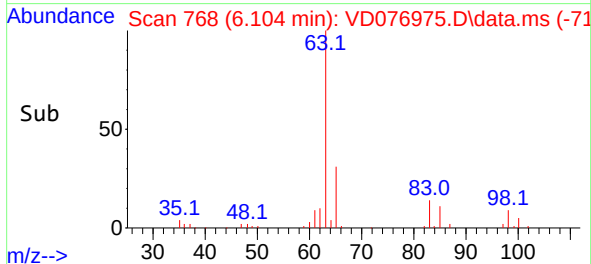
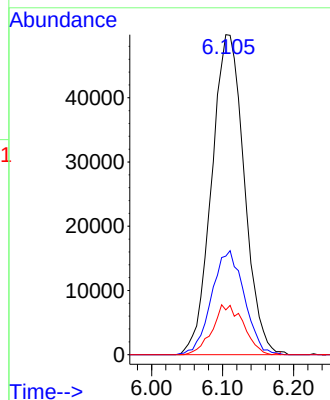
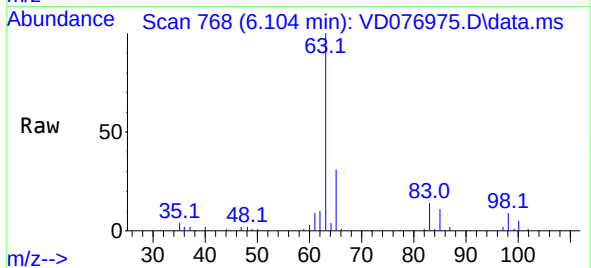




#19
1,1-Dichloroethane
Concen: 42.336 ug/L
RT: 6.104 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

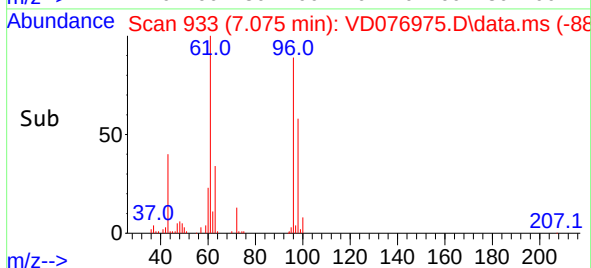
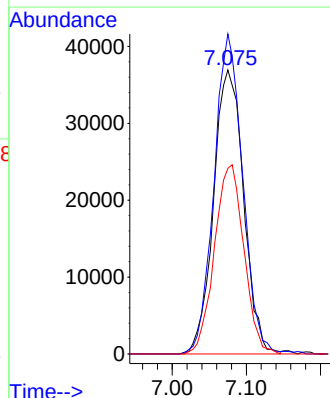
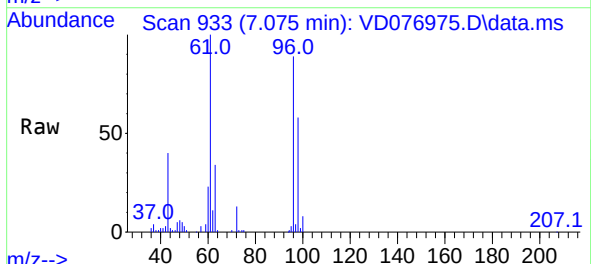
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

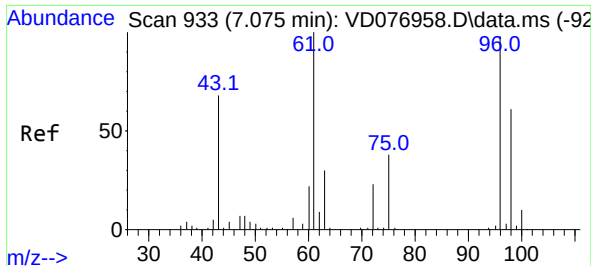
Tgt Ion: 63 Resp: 158505
Ion Ratio Lower Upper
63 100
65 30.8 20.8 38.6
83 14.0 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 41.517 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 96 Resp: 103921
Ion Ratio Lower Upper
96 100
61 112.6 86.0 159.6
98 65.4 42.2 78.4

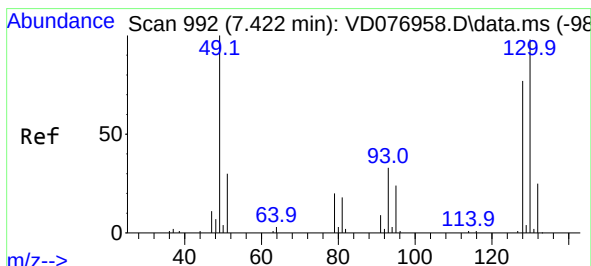
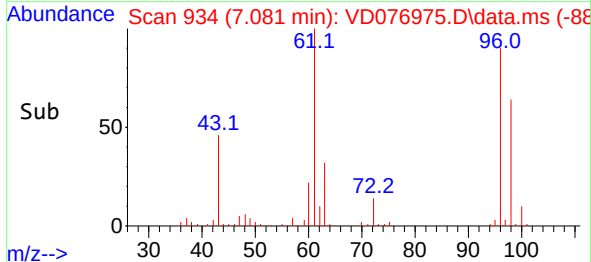
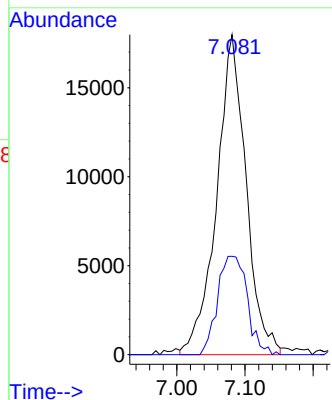
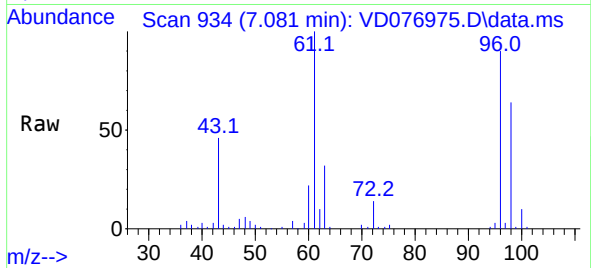




#22
2-Butanone
Concen: 63.600 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

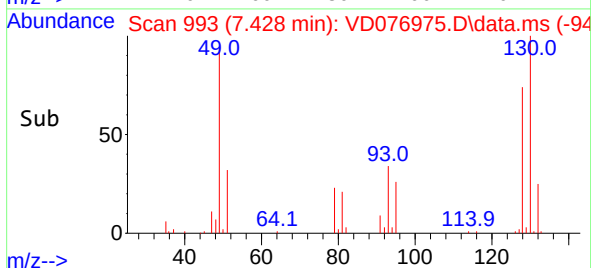
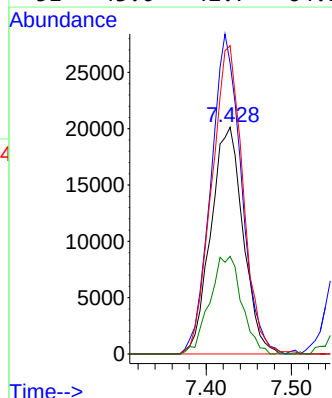
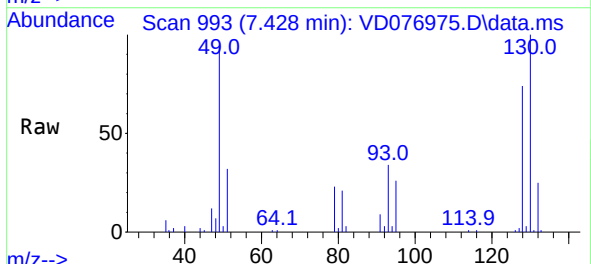
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

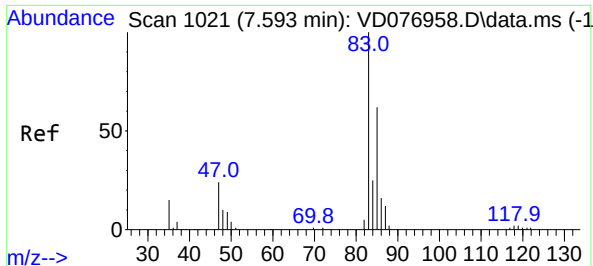
Tgt Ion: 43 Resp: 54084
Ion Ratio Lower Upper
43 100
72 30.7 12.9 38.7



#23
Bromochloromethane
Concen: 43.668 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion:128 Resp: 53017
Ion Ratio Lower Upper
128 100
49 128.3 124.7 231.7
130 136.0 80.0 148.6
51 43.0 42.7 64.1





#25

Chloroform

Concen: 43.470 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076975.D

Acq: 10 Aug 2023 21:09

Instrument :

MSVOA_D

ClientSampleId :

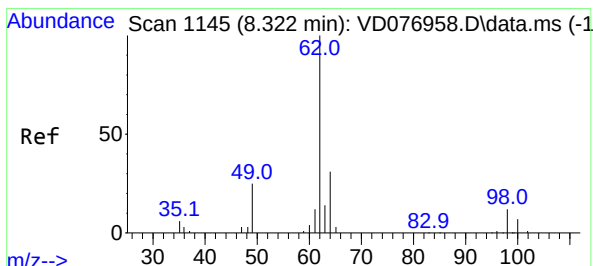
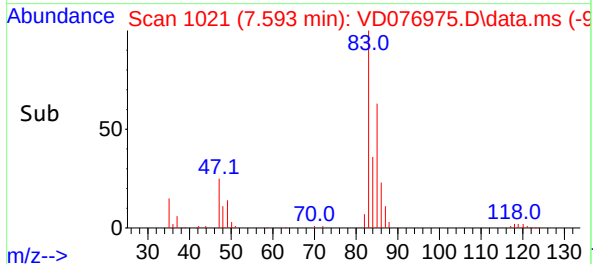
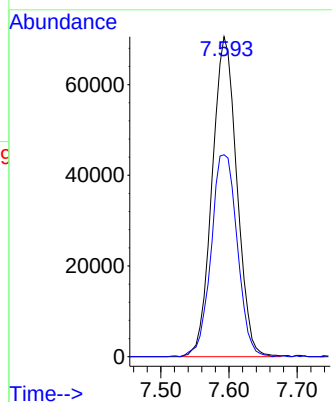
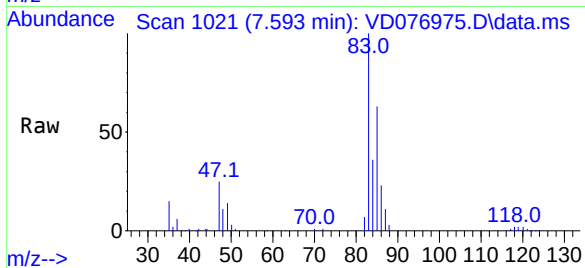
A4832MSD

Tgt Ion: 83 Resp: 178252

Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 44.836 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076975.D

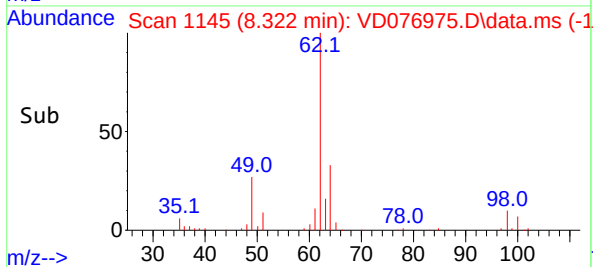
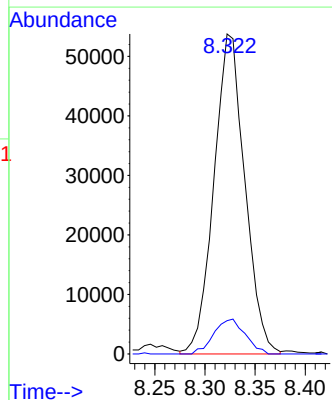
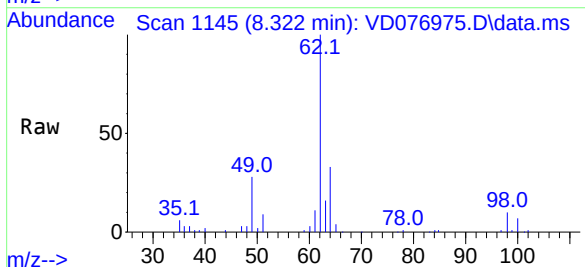
Acq: 10 Aug 2023 21:09

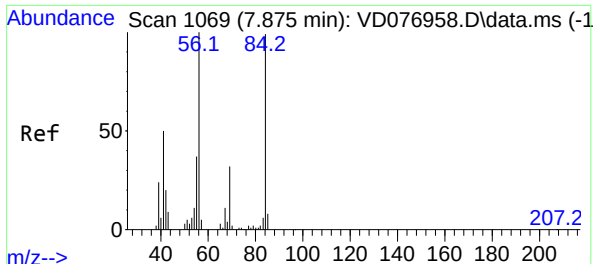
Tgt Ion: 62 Resp: 115228

Ion Ratio Lower Upper

62 100

98 10.4 8.7 13.1

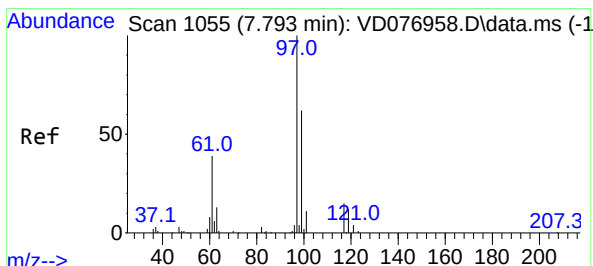
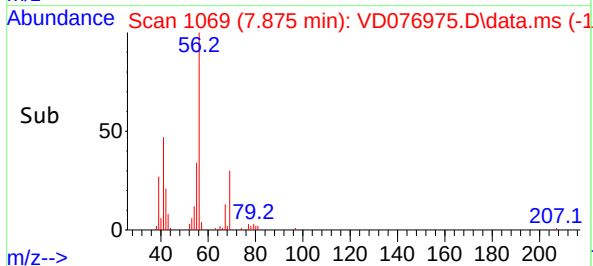
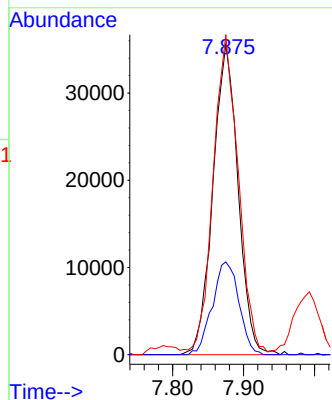
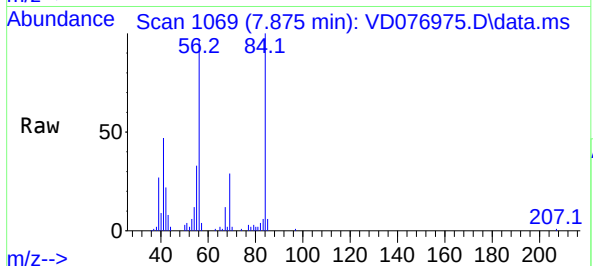




#29
Cyclohexane
Concen: 29.451 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

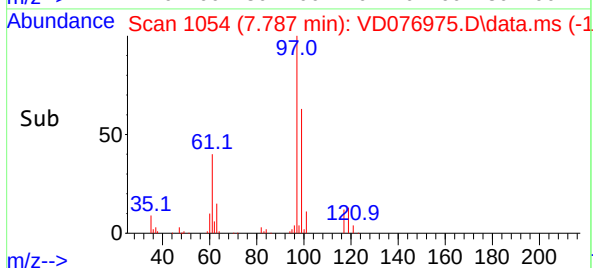
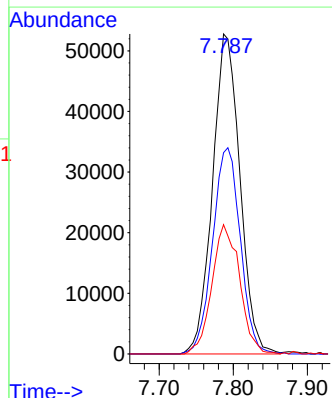
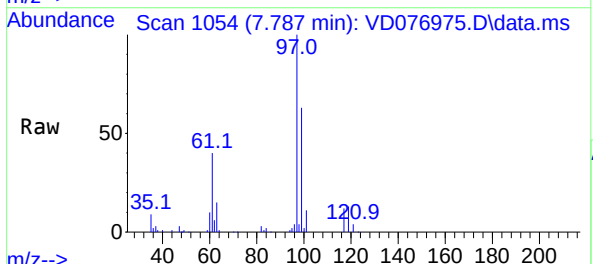
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

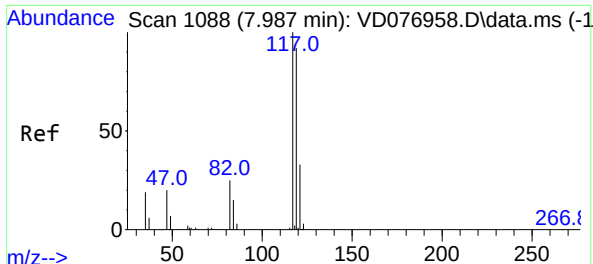
Tgt Ion:	56	Resp:	86996
Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.4	35.0
84	103.6	66.3	99.5



#30
1,1,1-Trichloroethane
Concen: 40.824 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion:	97	Resp:	135740
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.6
61	40.9	36.4	54.6

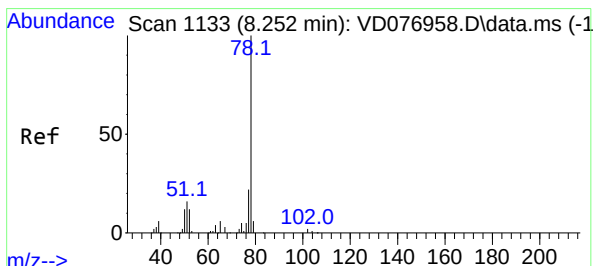
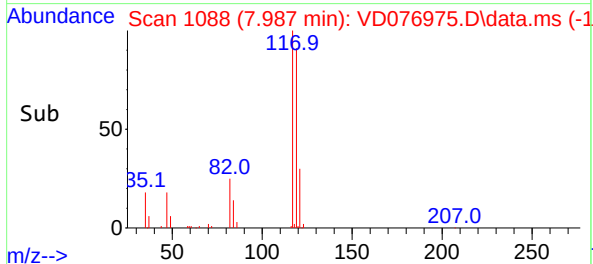
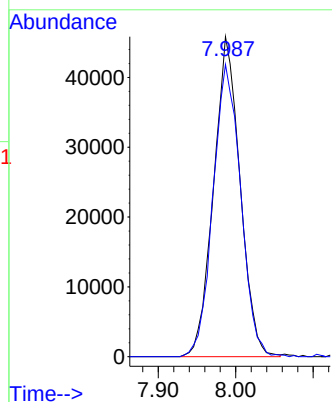
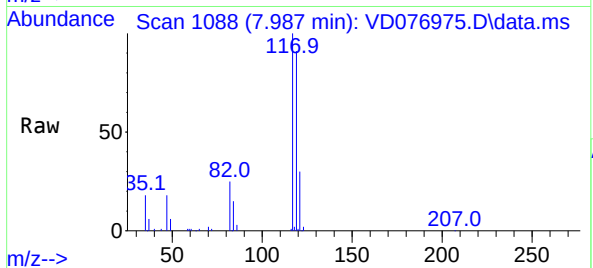




#31
Carbon tetrachloride
Concen: 39.950 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

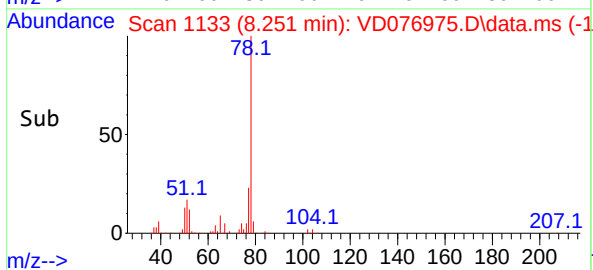
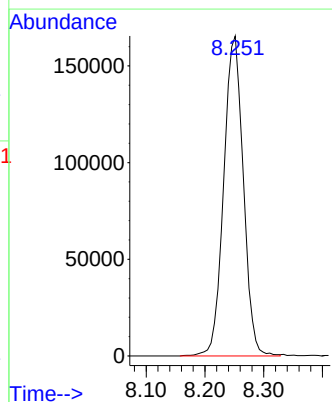
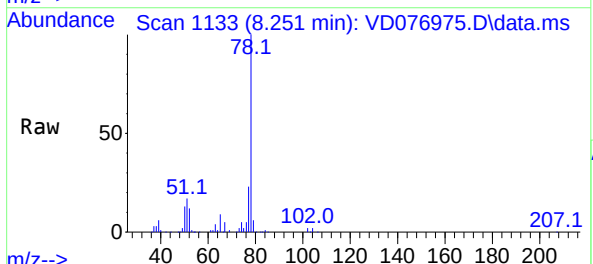
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

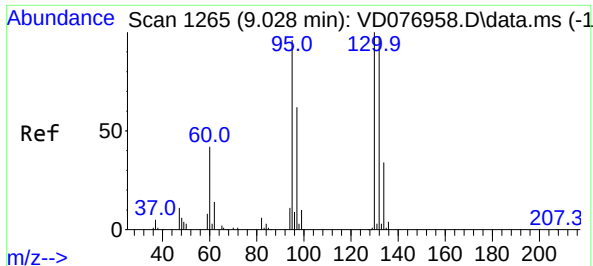
Tgt Ion:117 Resp: 108714
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6



#33
Benzene
Concen: 43.547 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 78 Resp: 383036



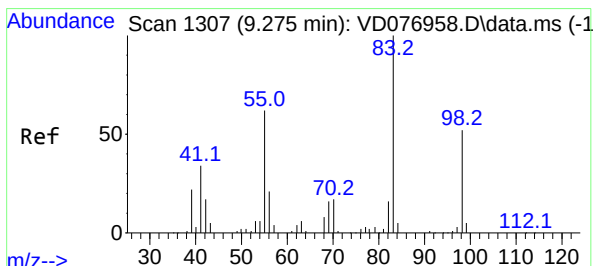
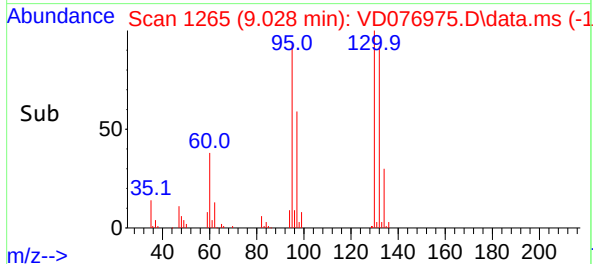
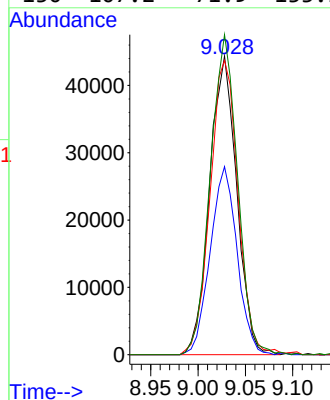
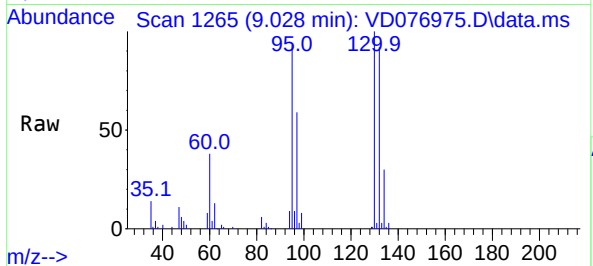


#34
Trichloroethene
Concen: 38.574 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

Tgt Ion: 95 Resp: 88358

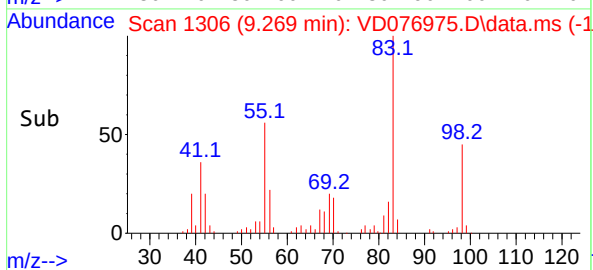
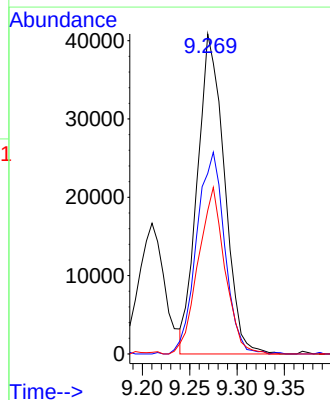
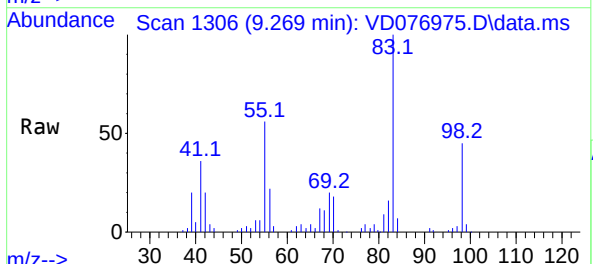
Ion	Ratio	Lower	Upper
95	100		
97	63.0	43.1	80.1
132	98.6	71.8	133.4
130	107.2	71.9	133.5

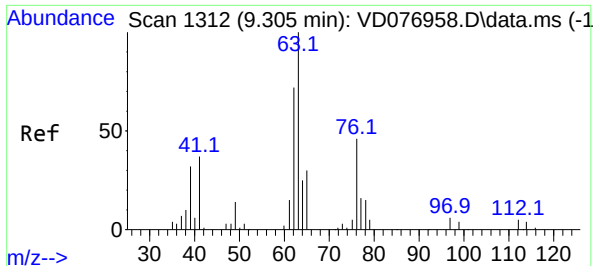


#35
Methylcyclohexane
Concen: 21.679 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 83 Resp: 80982

Ion	Ratio	Lower	Upper
83	100		
55	65.6	59.8	89.6
98	51.5	37.8	56.6

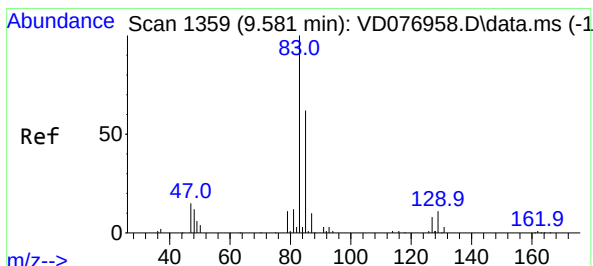
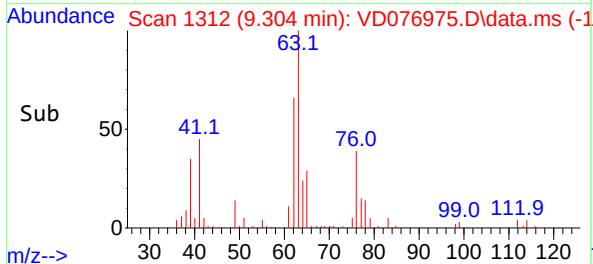
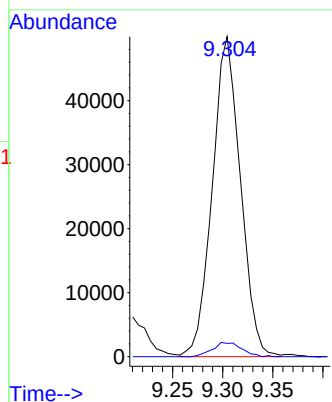
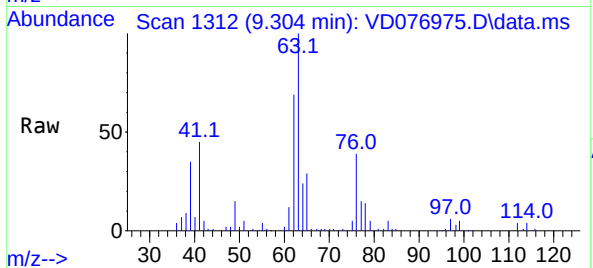




#37
1,2-Dichloropropane
Concen: 43.574 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

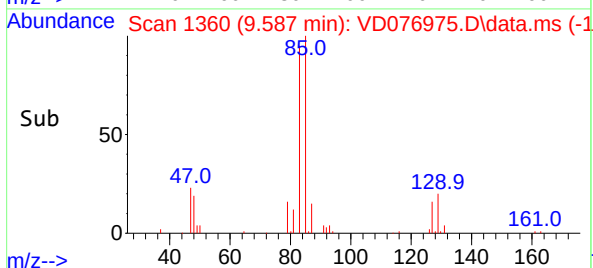
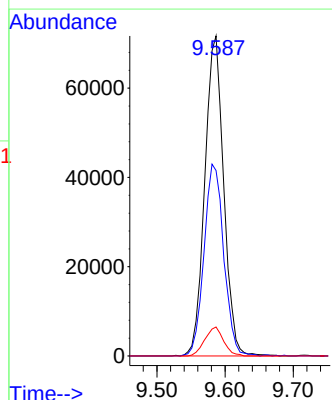
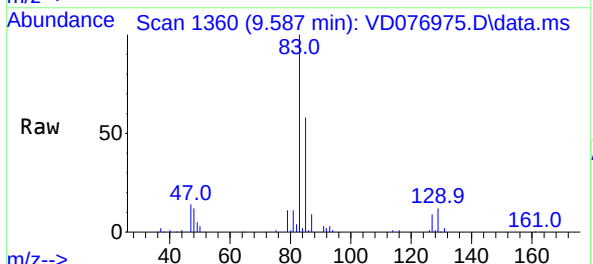
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

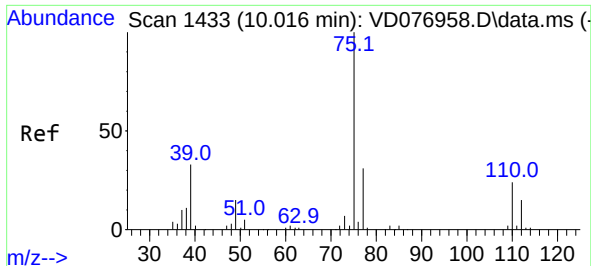
Tgt Ion: 63 Resp: 97362
Ion Ratio Lower Upper
63 100
112 4.6 3.1 4.7



#38
Bromodichloromethane
Concen: 44.956 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 83 Resp: 138329
Ion Ratio Lower Upper
83 100
85 57.9 43.9 81.5
127 9.0 6.6 9.8

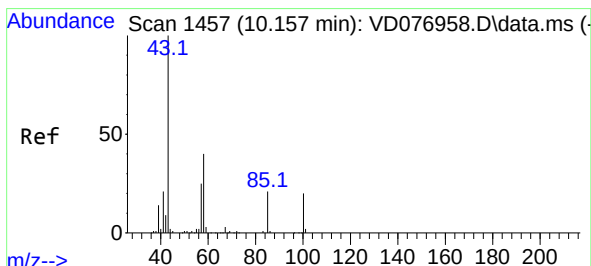
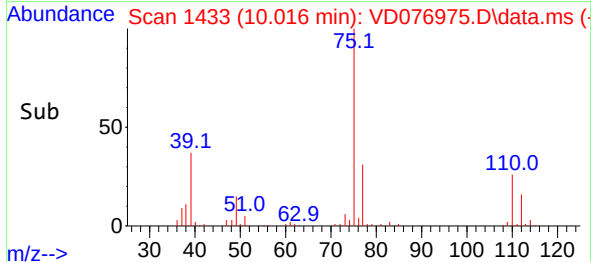
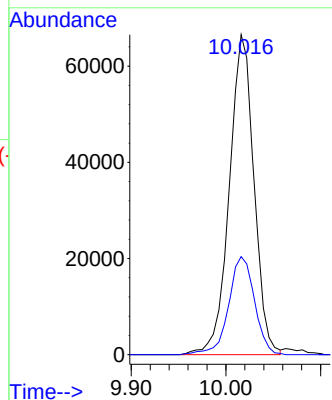
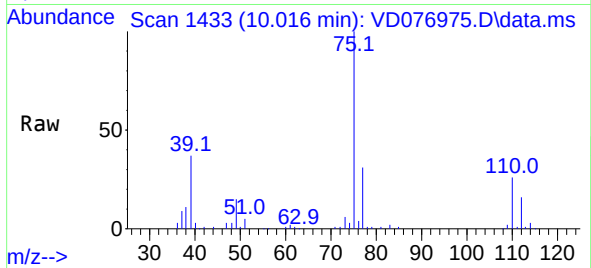




#39
cis-1,3-Dichloropropene
Concen: 33.358 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

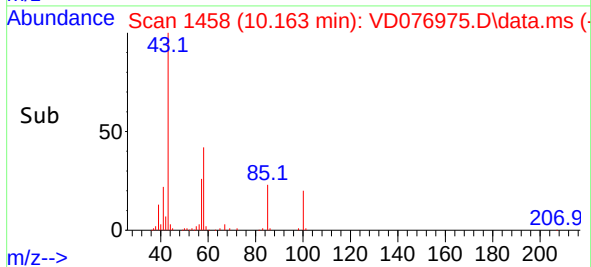
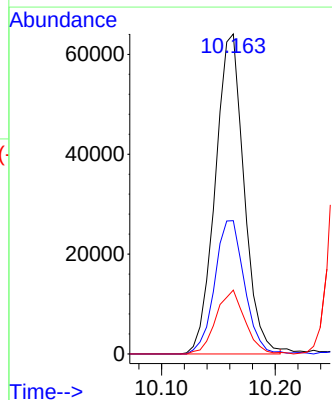
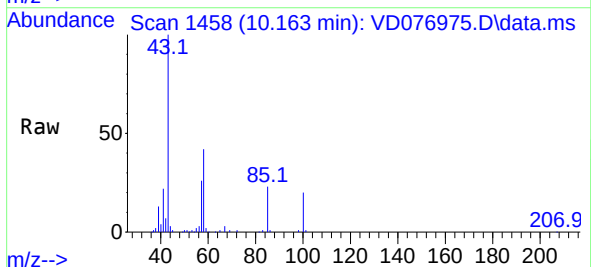
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

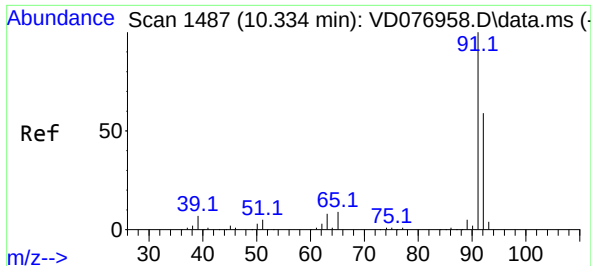
Tgt Ion: 75 Resp: 120293
Ion Ratio Lower Upper
75 100
77 30.7 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 80.137 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 43 Resp: 112819
Ion Ratio Lower Upper
43 100
58 43.1 30.7 46.1
100 20.0 11.0 16.4#

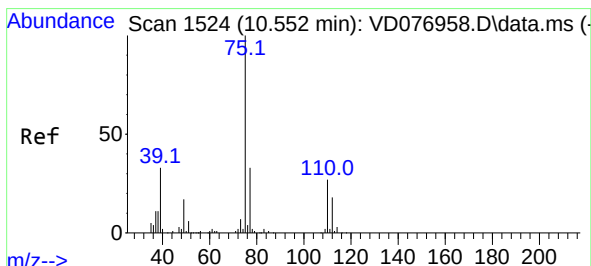
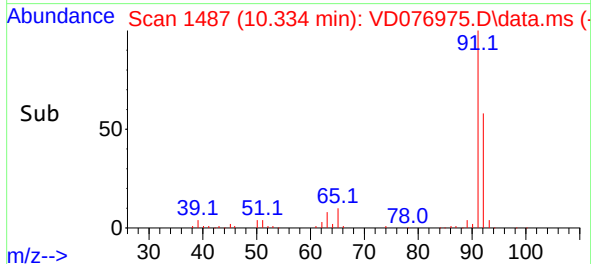
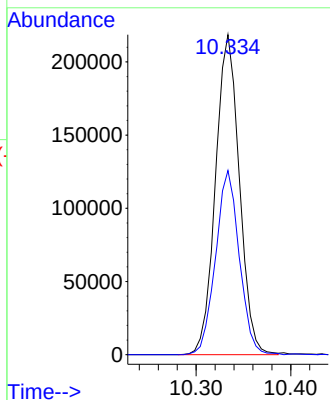
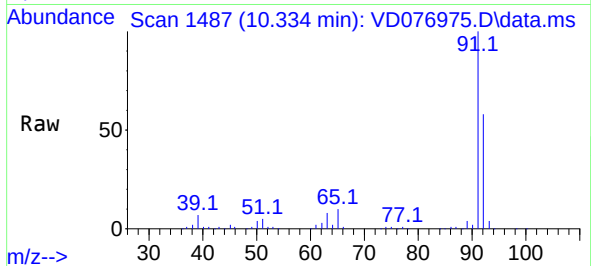




#42
Toluene
Concen: 40.047 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

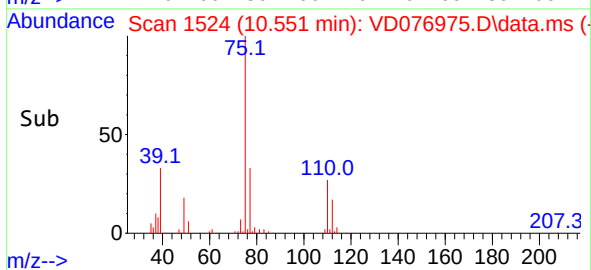
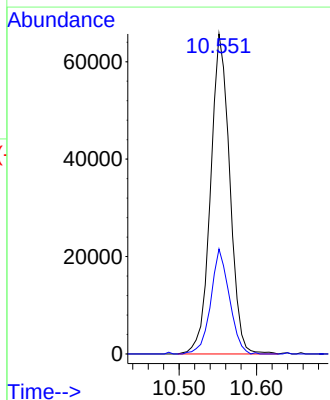
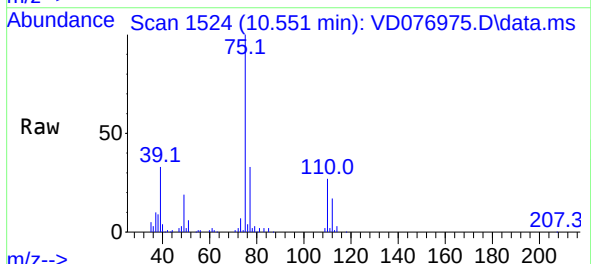
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

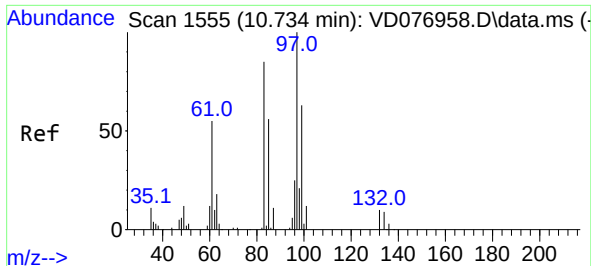
Tgt Ion: 91 Resp: 383039
Ion Ratio Lower Upper
91 100
92 57.6 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 35.881 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 75 Resp: 113083
Ion Ratio Lower Upper
75 100
77 32.8 22.5 41.7

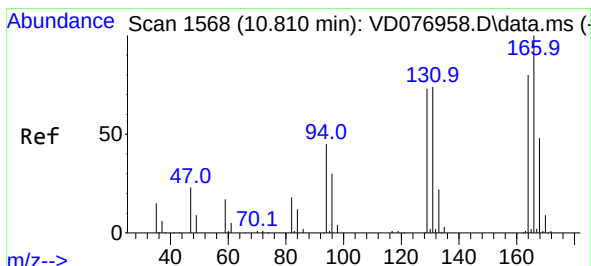
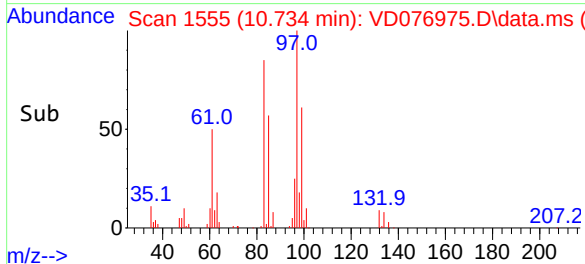
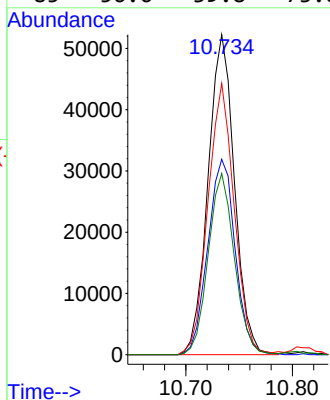
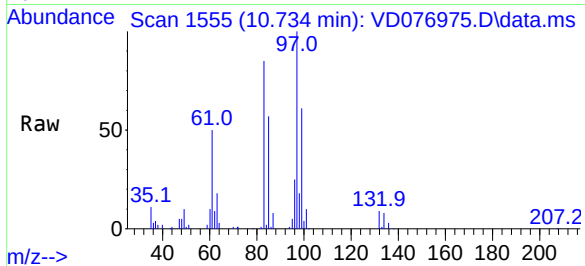




#45
1,1,2-Trichloroethane
Concen: 45.302 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

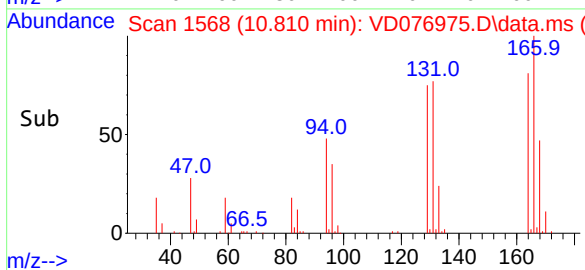
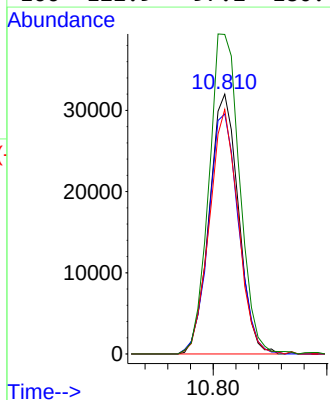
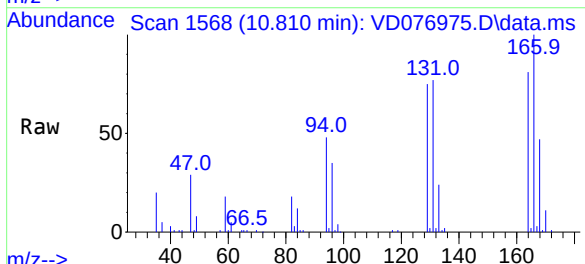
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

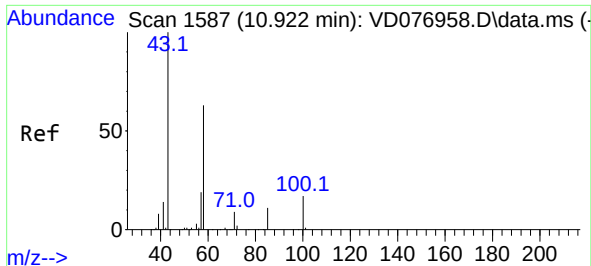
Tgt Ion:	97	Resp:	89962
Ion	Ratio	Lower	Upper
97	100		
99	61.0	41.9	77.9
83	84.8	59.2	110.0
85	56.6	39.8	73.8



#46
Tetrachloroethene
Concen: 33.019 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion:	164	Resp:	57004
Ion	Ratio	Lower	Upper
164	100		
129	92.4	65.5	121.6
131	94.1	64.8	120.3
166	122.9	97.2	180.4

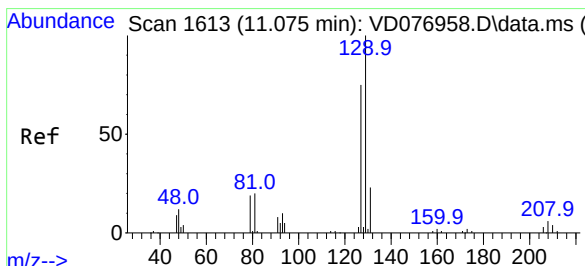
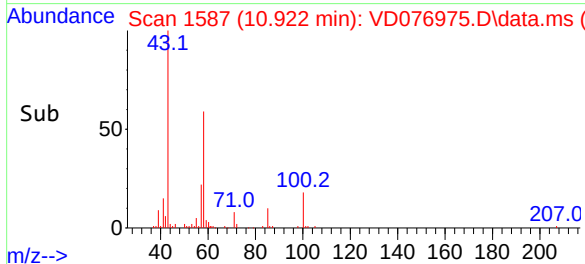
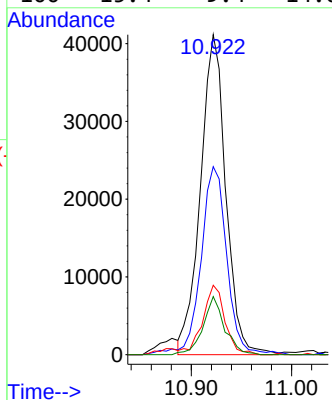
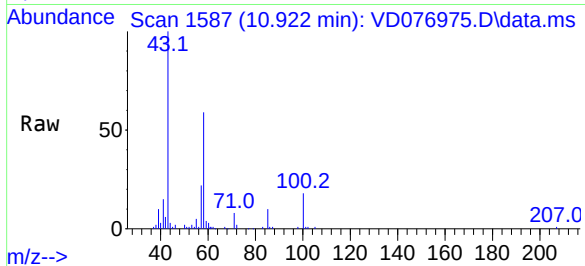




#48
2-Hexanone
Concen: 66.994 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

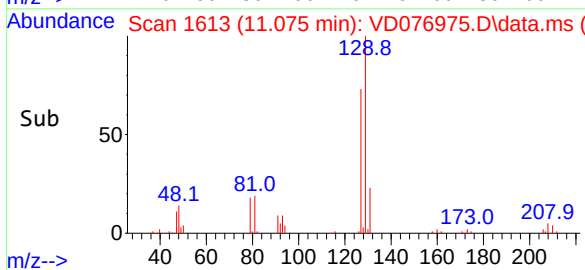
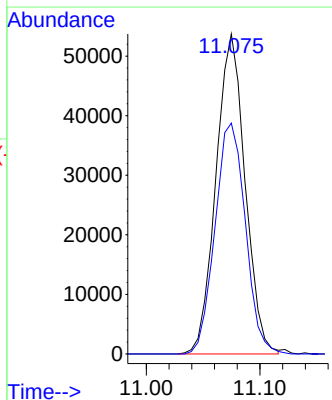
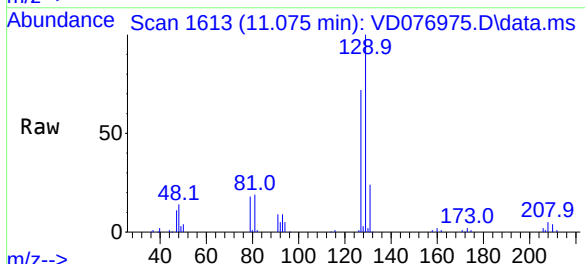
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

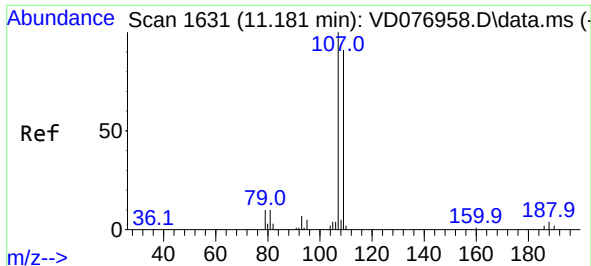
Tgt Ion: 43	Resp: 72531
Ion Ratio	Lower Upper
43	100
58	59.6 42.9 64.3
57	18.4 13.7 20.5
100	15.4 9.4 14.0



#49
Dibromochloromethane
Concen: 43.367 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 129	Resp: 95807
Ion Ratio	Lower Upper
129	100
127	72.2 55.2 102.6

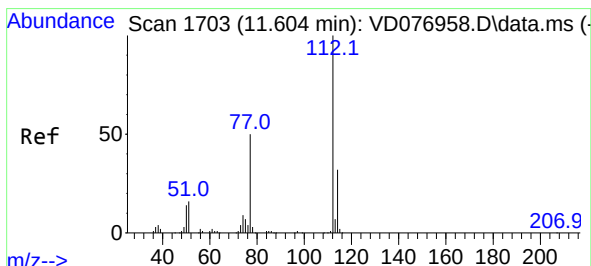
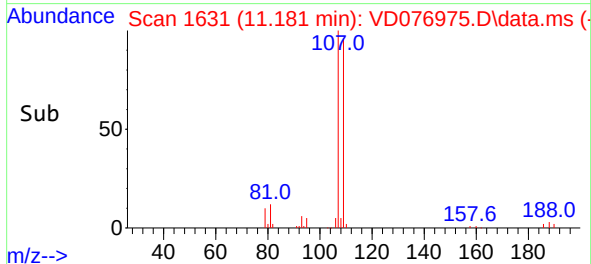
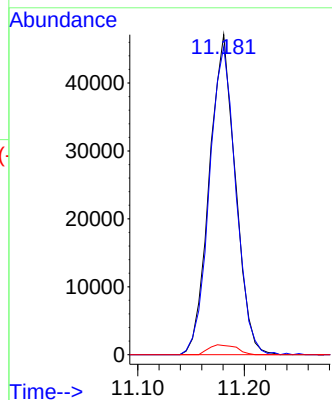
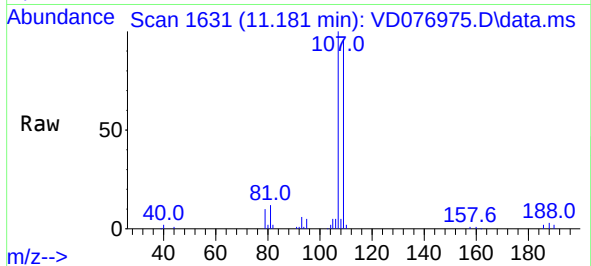




#50
1,2-Dibromoethane
Concen: 41.327 ug/L
RT: 11.181 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

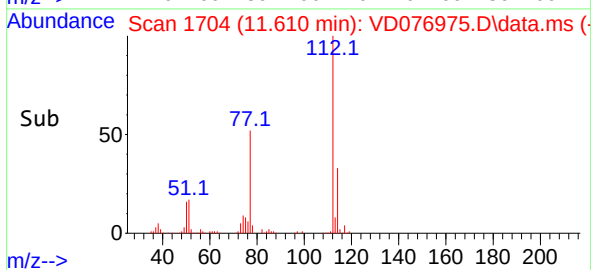
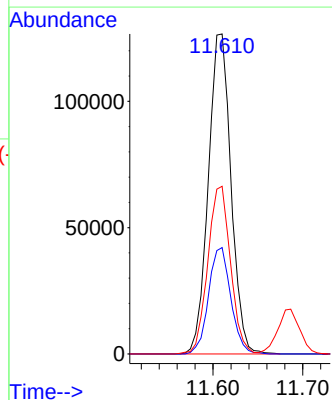
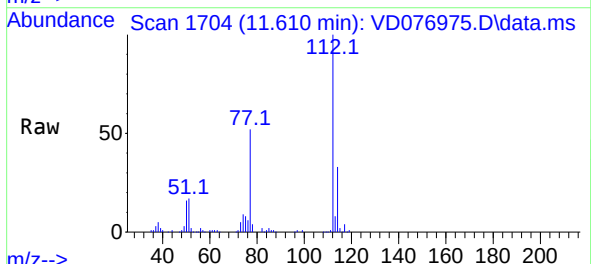
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

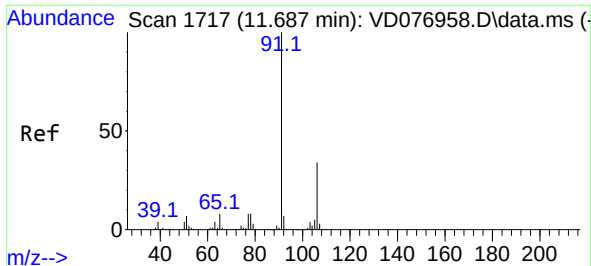
Tgt Ion:107 Resp: 80041
Ion Ratio Lower Upper
107 100
109 96.2 58.8 109.2
188 2.8 2.9 4.3#



#51
Chlorobenzene
Concen: 35.749 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion:112 Resp: 222769
Ion Ratio Lower Upper
112 100
114 33.3 21.5 39.9
77 52.4 43.4 65.2

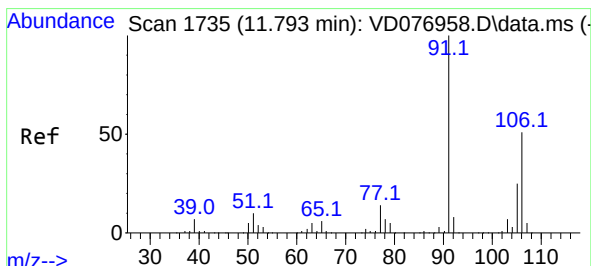
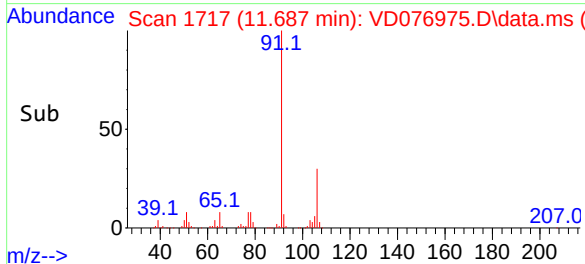
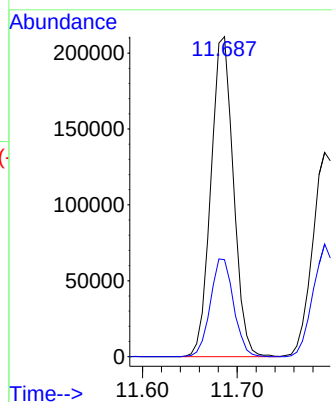
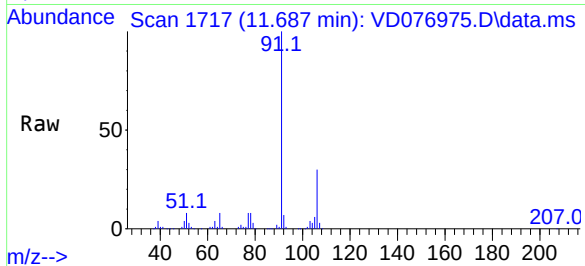




#52
Ethylbenzene
Concen: 34.195 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

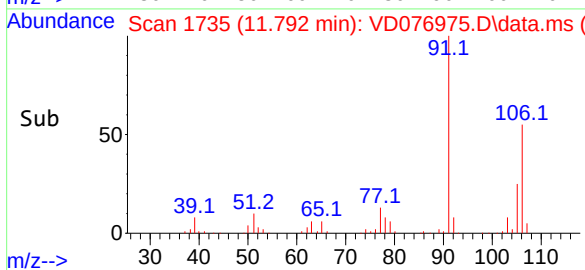
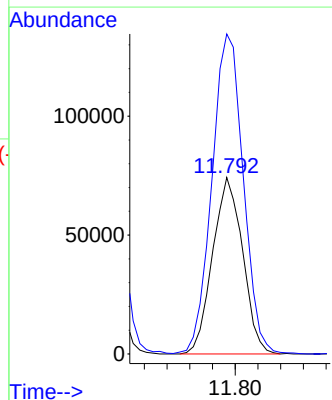
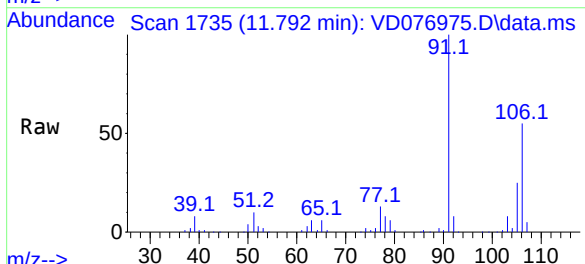
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

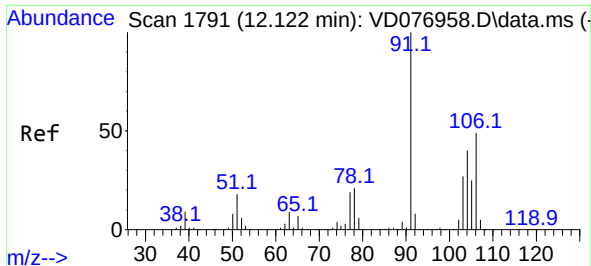
Tgt Ion: 91 Resp: 348511
Ion Ratio Lower Upper
91 100
106 30.3 22.4 41.6



#53
m,p-Xylene
Concen: 34.676 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 106 Resp: 136365
Ion Ratio Lower Upper
106 100
91 181.3 141.5 262.9

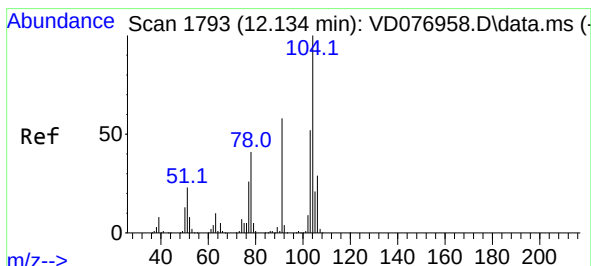
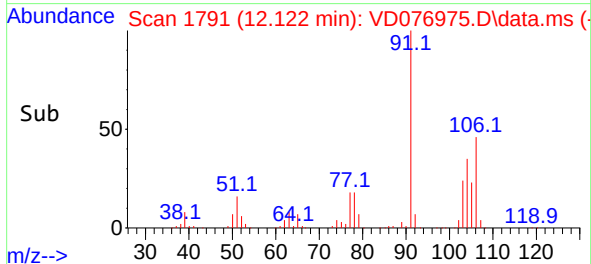
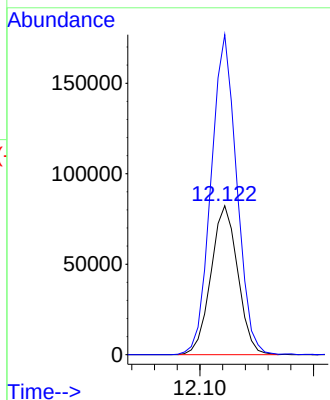
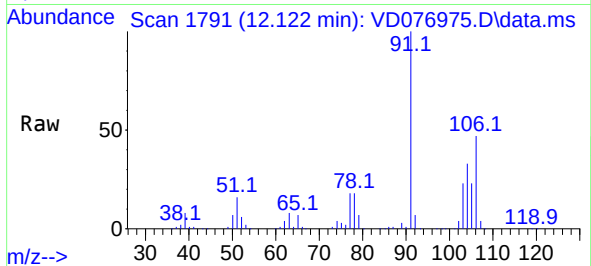




#54
o-Xylene
Concen: 35.665 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

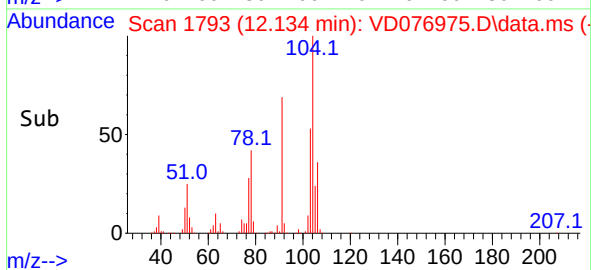
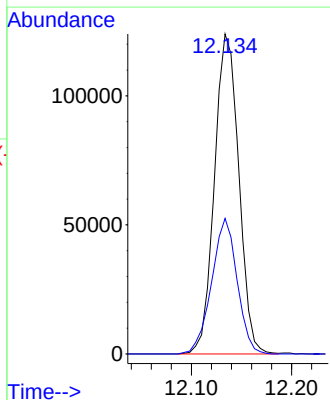
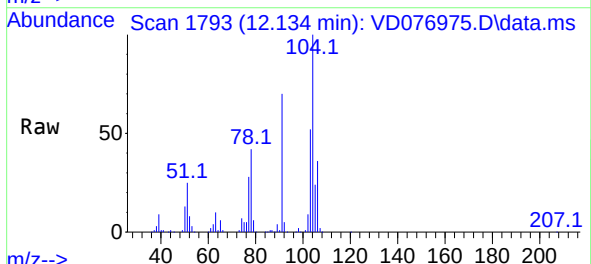
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

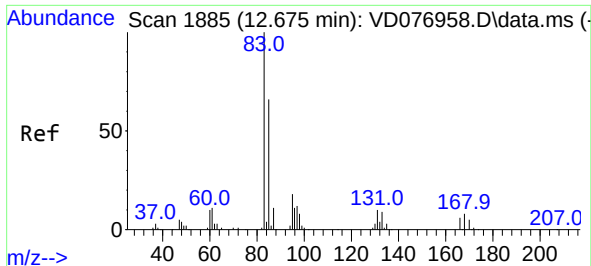
Tgt Ion:106 Resp: 134896
Ion Ratio Lower Upper
106 100
91 214.8 142.2 264.2



#55
Styrene
Concen: 30.558 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion:104 Resp: 208976
Ion Ratio Lower Upper
104 100
78 42.4 31.3 58.1

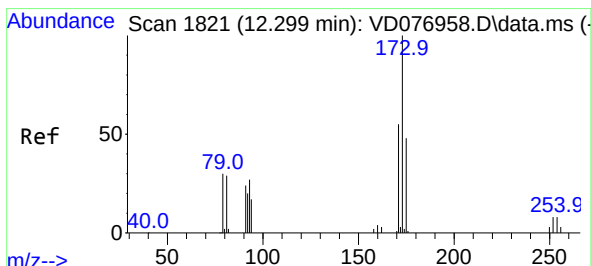
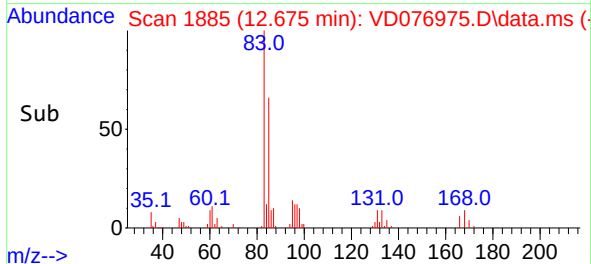
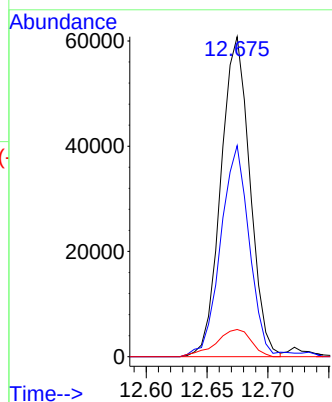
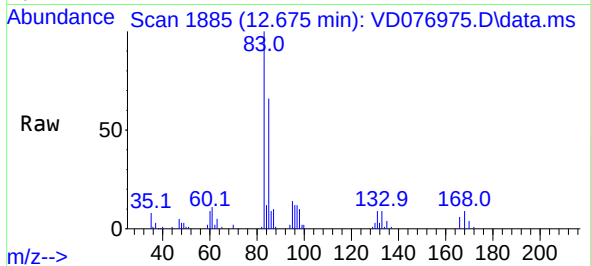




#57
1,1,2,2-Tetrachloroethane
Concen: 41.083 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

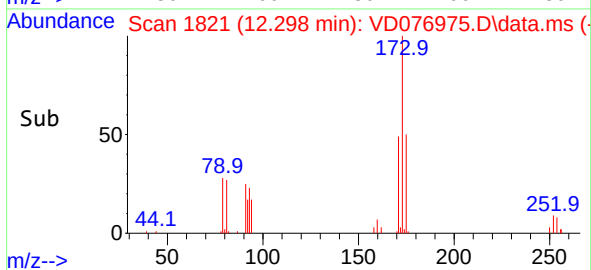
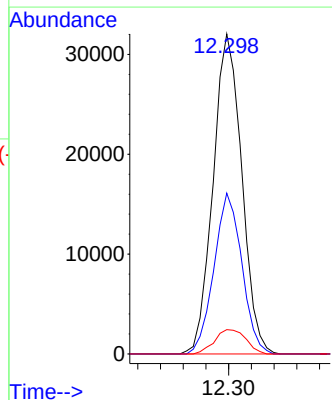
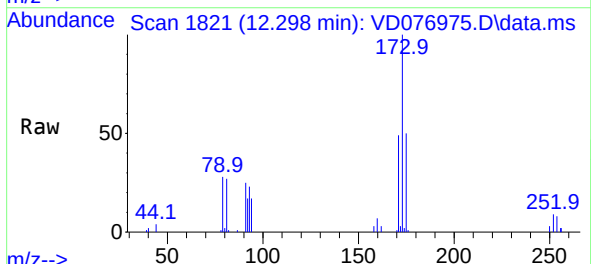
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

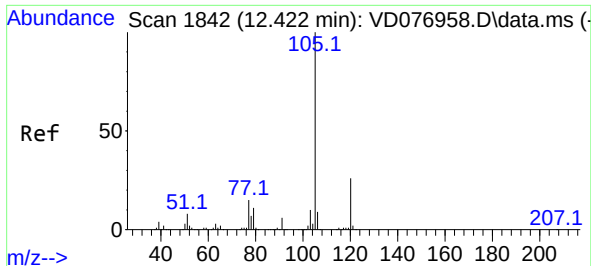
Tgt Ion: 83 Resp: 100904
Ion Ratio Lower Upper
83 100
85 65.9 46.3 86.1
131 8.5 7.0 10.4



#59
Bromoform
Concen: 50.792 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

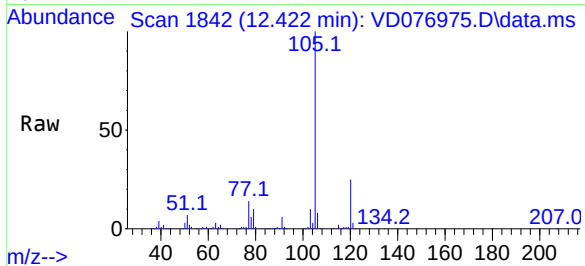
Tgt Ion: 173 Resp: 56142
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 8.3 5.3 7.9#



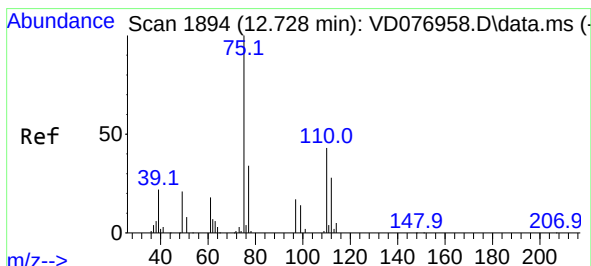
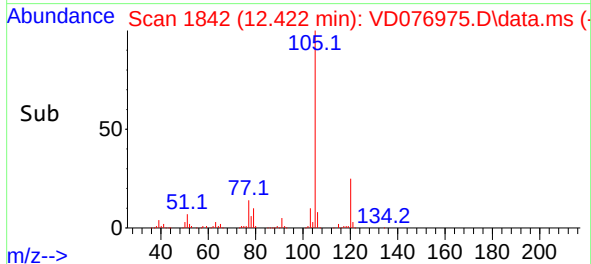
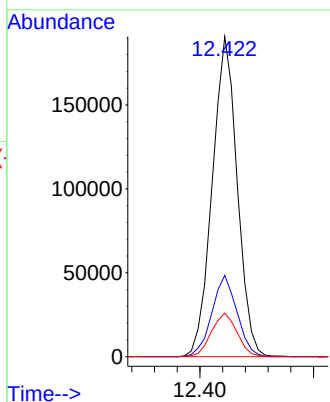


#60
Isopropylbenzene
Concen: 36.304 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

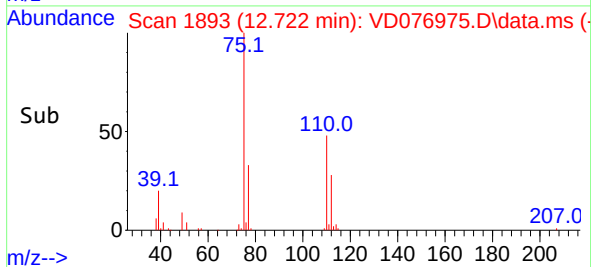
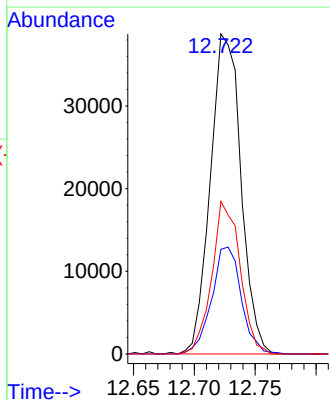
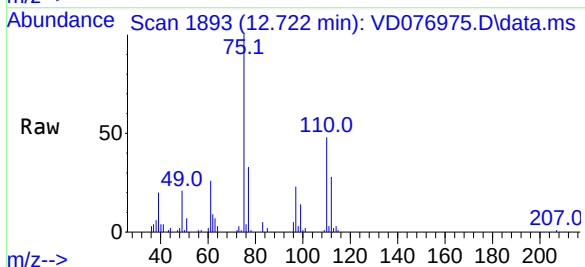


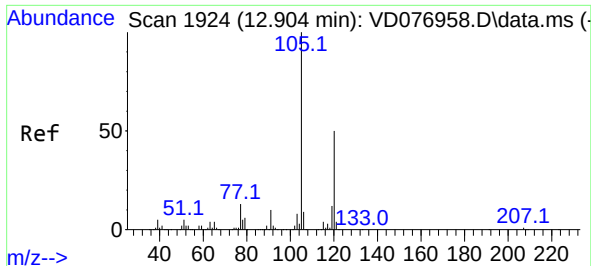
Tgt Ion:105 Resp: 290997
Ion Ratio Lower Upper
105 100
120 25.6 21.3 31.9
77 14.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 51.990 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 75 Resp: 67629
Ion Ratio Lower Upper
75 100
77 32.5 27.2 40.8
110 44.0 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 32.374 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076975.D

Acq: 10 Aug 2023 21:09

Instrument :

MSVOA_D

ClientSampleId :

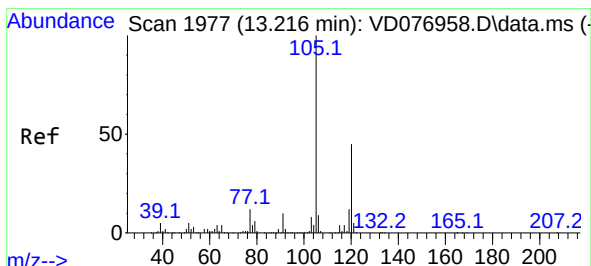
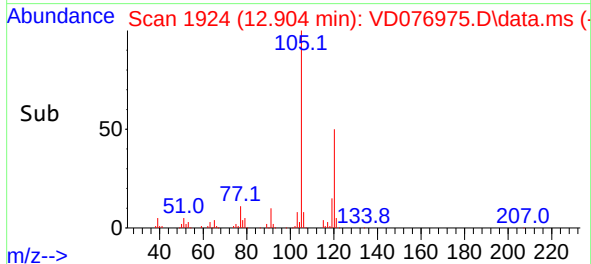
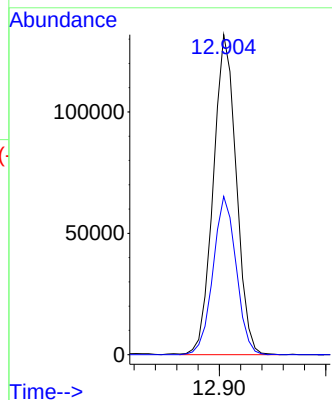
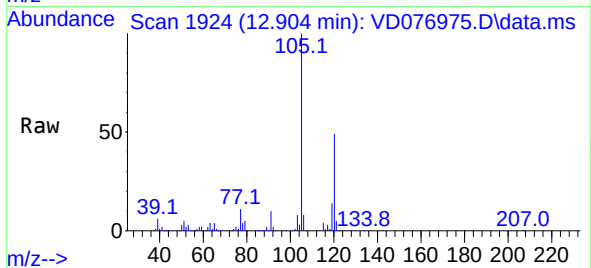
A4832MSD

Tgt Ion:105 Resp: 197686

Ion Ratio Lower Upper

105 100

120 49.6 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 32.834 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD076975.D

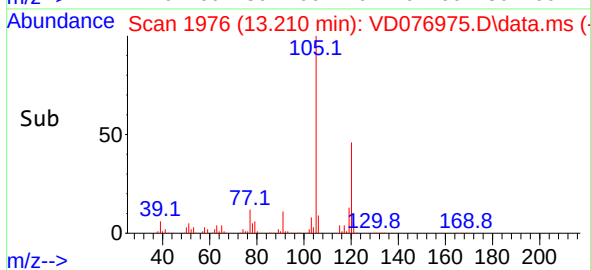
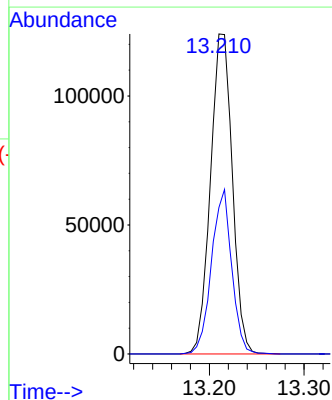
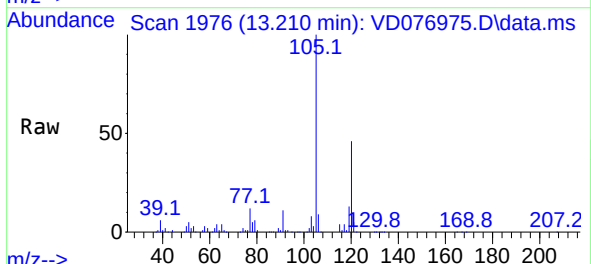
Acq: 10 Aug 2023 21:09

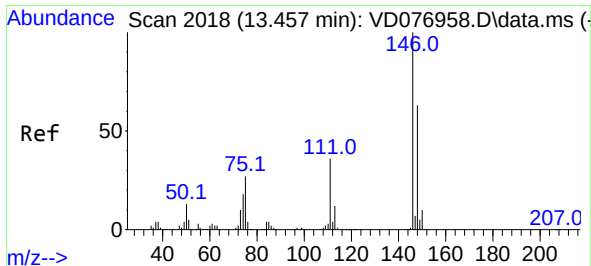
Tgt Ion:105 Resp: 199530

Ion Ratio Lower Upper

105 100

120 47.5 37.5 56.3

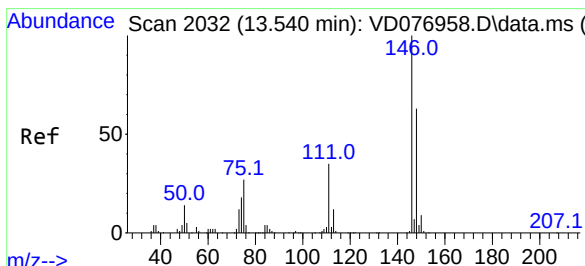
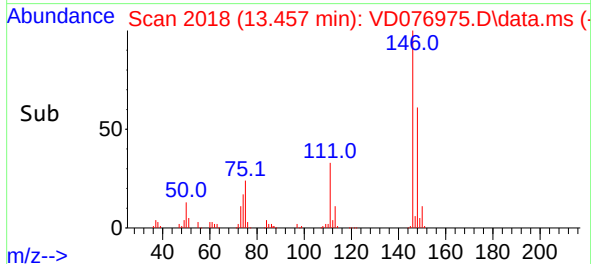
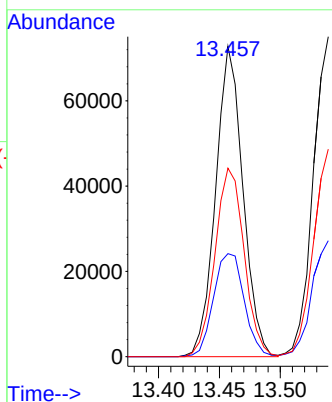
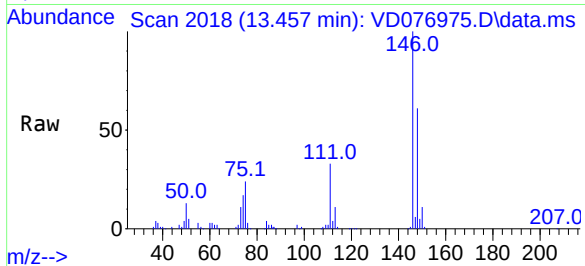




#64
1,3-Dichlorobenzene
Concen: 31.092 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

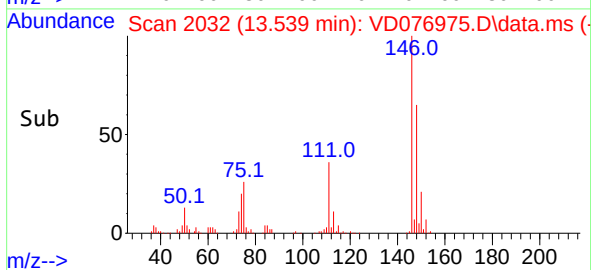
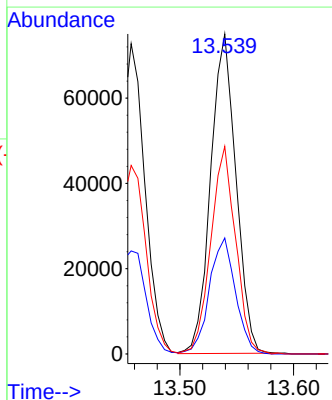
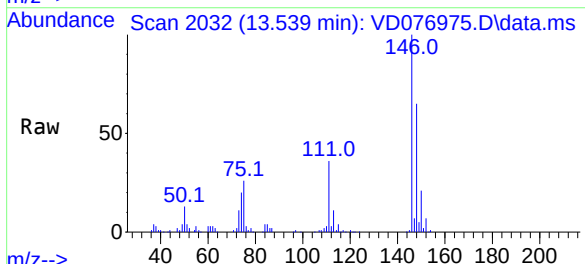
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

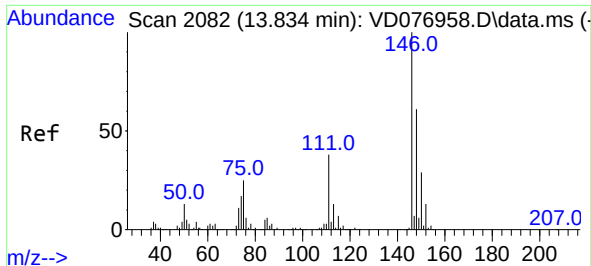
Tgt Ion:146 Resp: 113742
Ion Ratio Lower Upper
146 100
111 33.2 25.6 47.4
148 60.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 30.701 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion:146 Resp: 116093
Ion Ratio Lower Upper
146 100
111 36.3 25.7 47.7
148 64.9 45.4 84.2

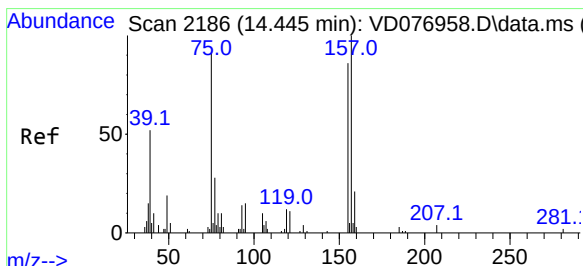
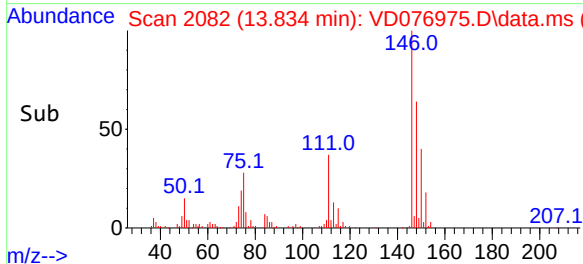
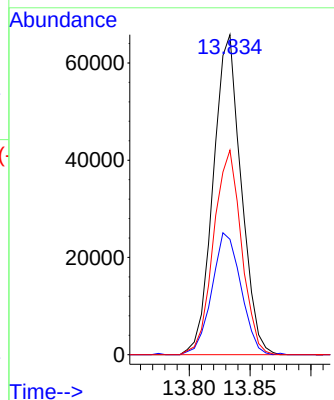
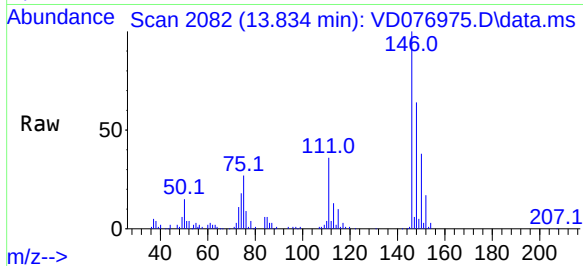




#67
1,2-Dichlorobenzene
Concen: 30.598 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

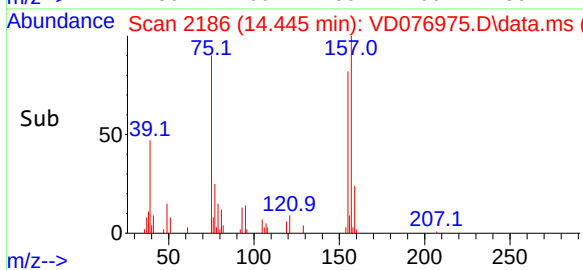
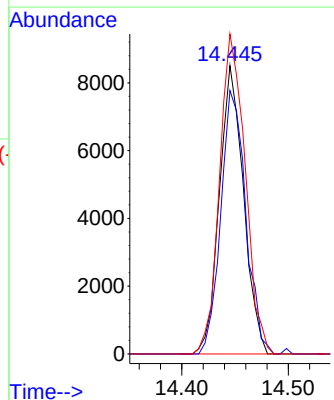
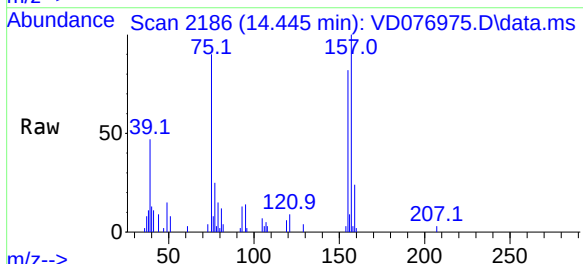
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

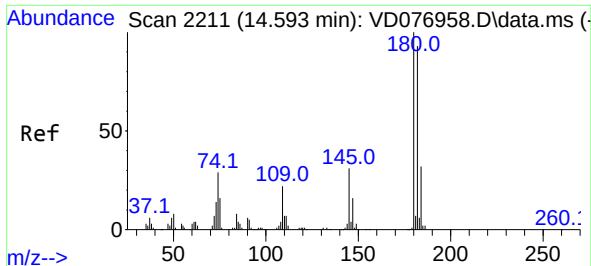
Tgt Ion:146 Resp: 104933
Ion Ratio Lower Upper
146 100
111 36.1 31.3 46.9
148 63.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 44.858 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion: 75 Resp: 13370
Ion Ratio Lower Upper
75 100
155 91.4 76.2 114.4
157 111.0 89.4 134.2

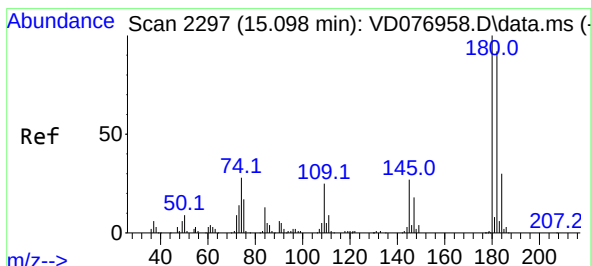
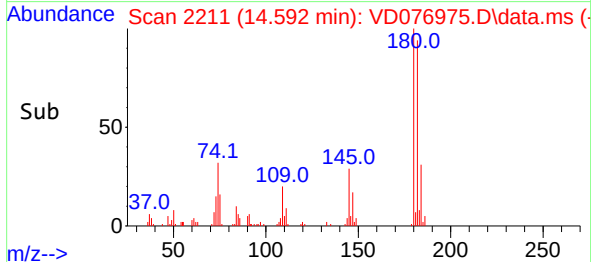
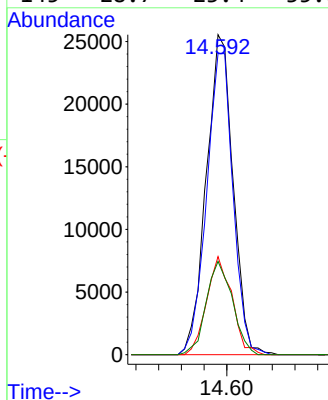
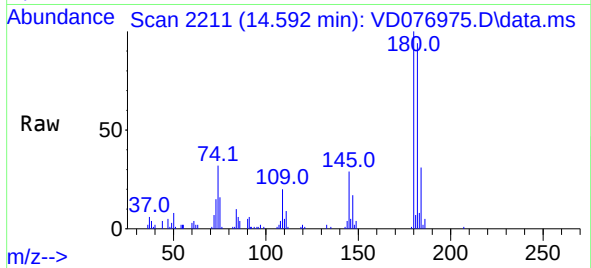




#69
1,3,5-Trichlorobenzene
Concen: 18.232 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

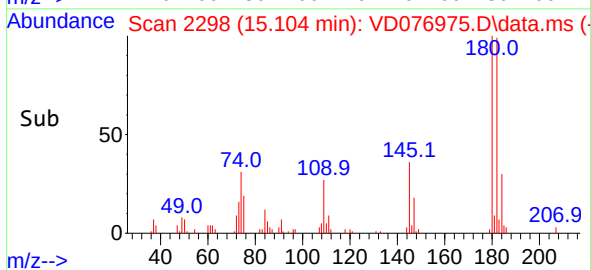
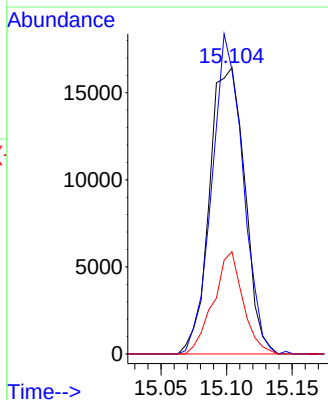
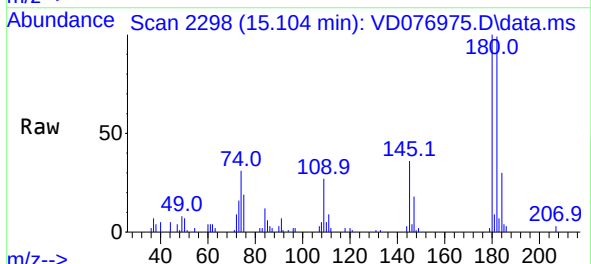
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

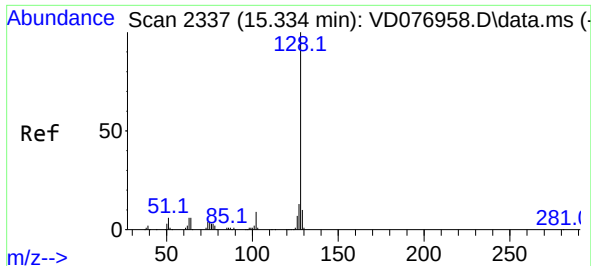
Tgt Ion:180	Resp:	41739
Ion Ratio	Lower	Upper
180	100	
182	93.2	77.1 115.7
184	29.0	25.0 37.4
145	28.7	23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 15.265 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion:180	Resp:	30741
Ion Ratio	Lower	Upper
180	100	
182	98.4	76.9 115.3
145	29.9	23.5 35.3

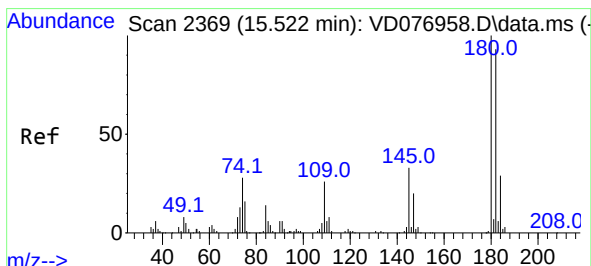
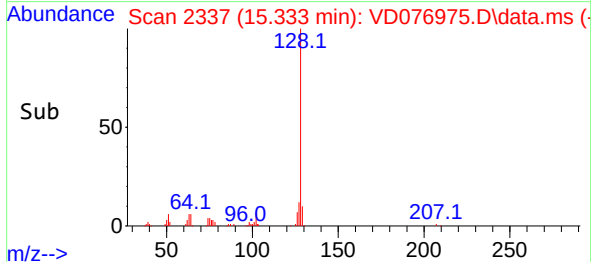
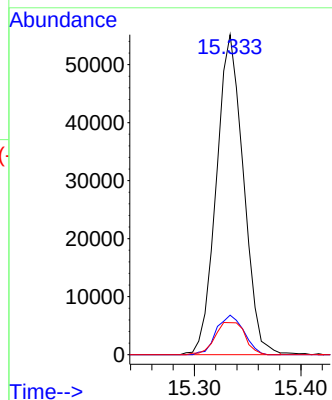
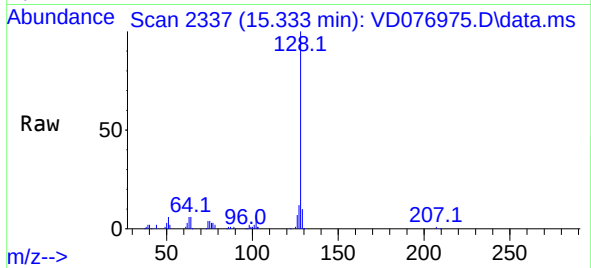




#71
Naphthalene
Concen: 20.556 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

Tgt Ion:	128	Resp:	97332
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.8	16.2
129	11.2	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 13.772 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Tgt Ion:	180	Resp:	25152
Ion	Ratio	Lower	Upper
180	100		
182	97.8	74.3	111.5
145	30.1	25.0	37.6

