

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 :

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

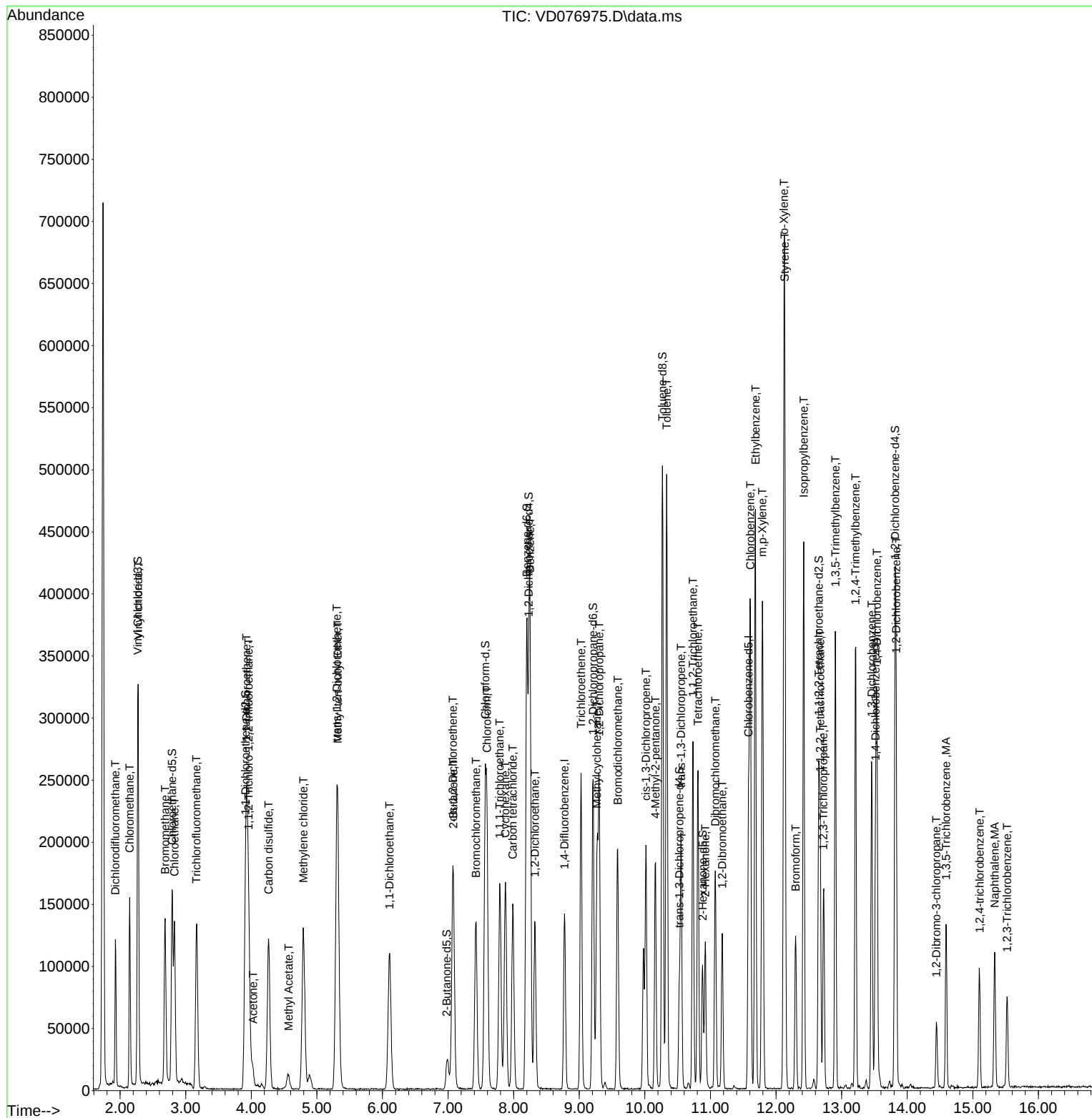
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	115228	44.836	ug/L	99
29) Cyclohexane	7.875	56	86996	29.451	ug/L #	82
30) 1,1,1-Trichloroethane	7.787	97	135740	40.824	ug/L	96
31) Carbon tetrachloride	7.987	117	108714	39.950	ug/L	98
33) Benzene	8.251	78	383036	43.547	ug/L	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

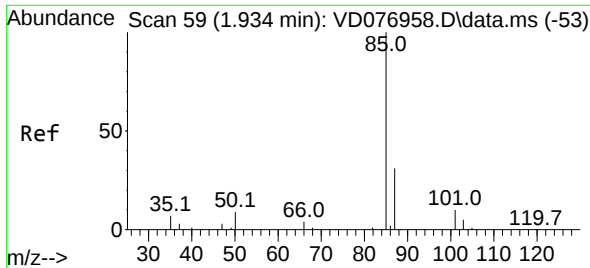
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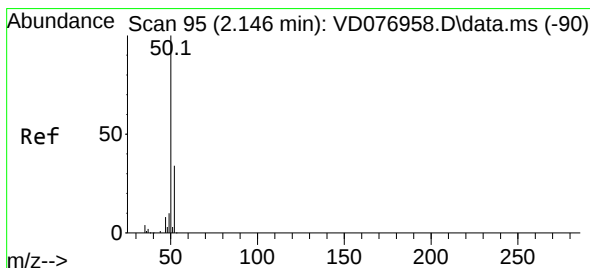
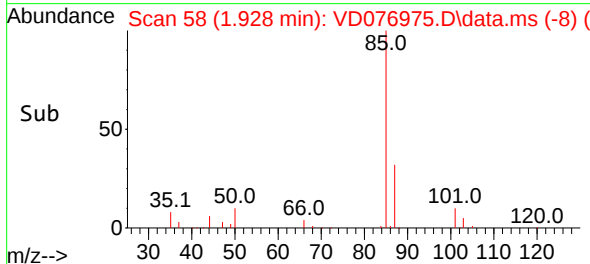
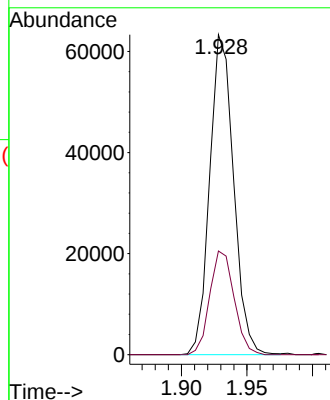
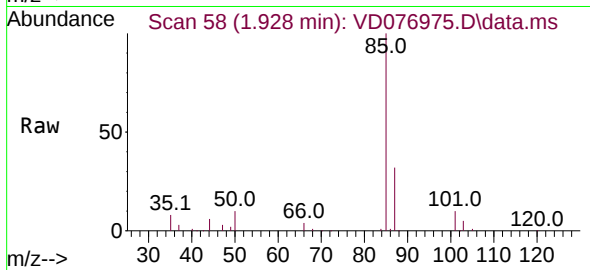




#2
 Dichlorodifluoromethane
 Concen: 35.976 ug/L
 RT: 1.928 min Scan# 59
 Delta R.T. -0.006 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

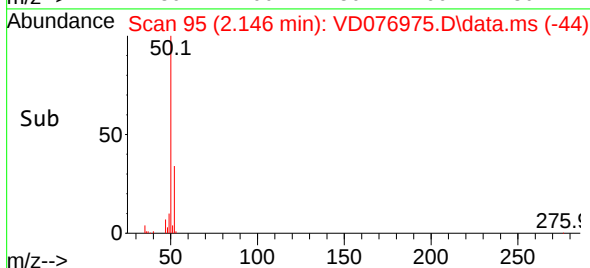
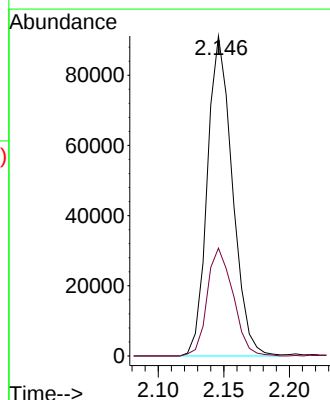
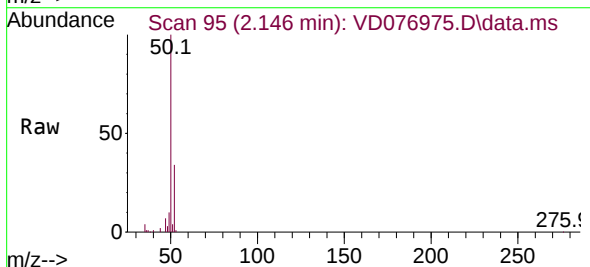
Instrument :
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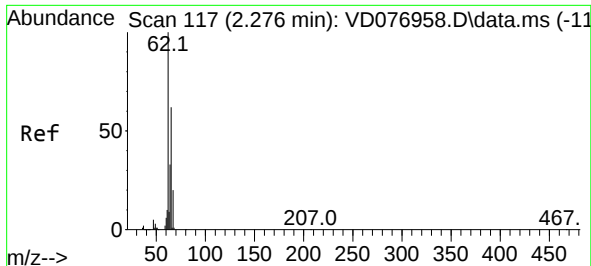
Tgt Ion: 85 Resp: 80274
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.3 39.5



#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

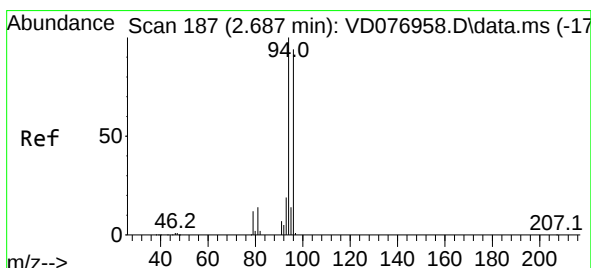
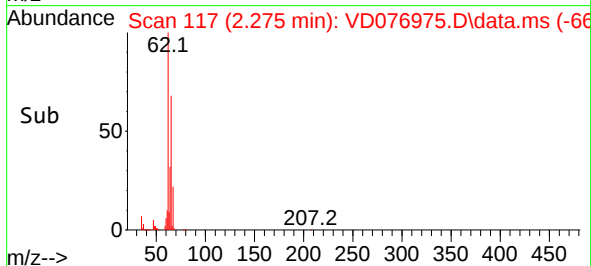
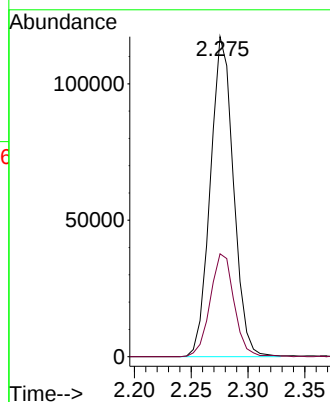
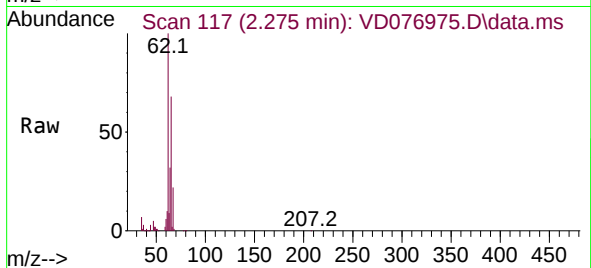




#5
 Vinyl chloride
 Concen: 40.125 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

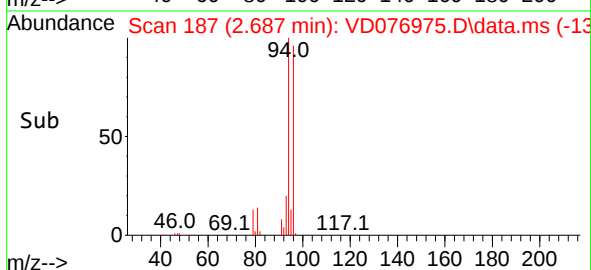
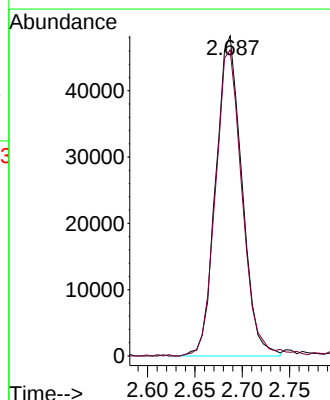
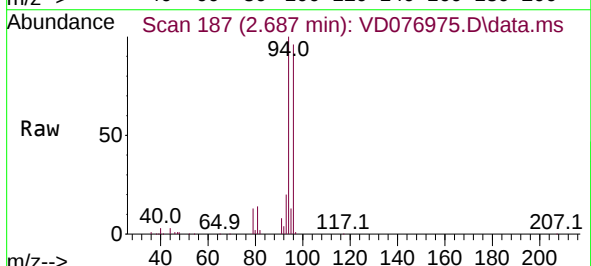
Instrument :
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 ClientSampleId :

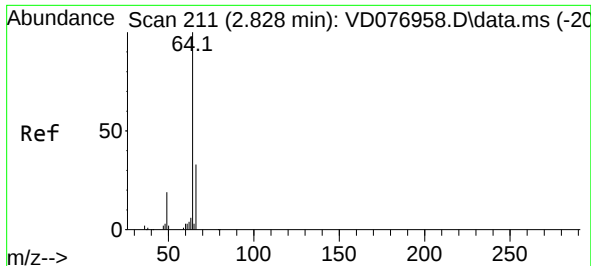
Tgt Ion: 62 Resp: 166104
 Ion Ratio Lower Upper
 62 100
 64 32.2 21.1 39.1



#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

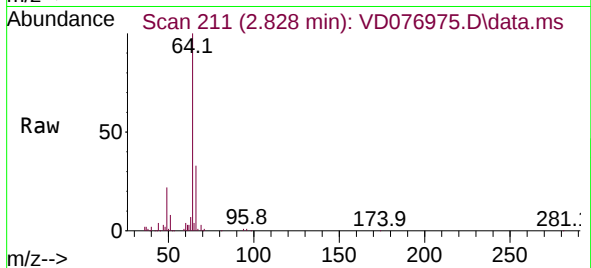
Tgt Ion: 94 Resp: 92467
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.7 120.1



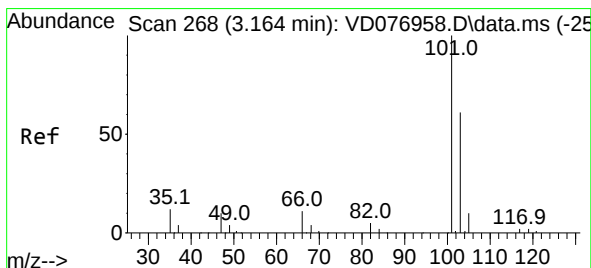
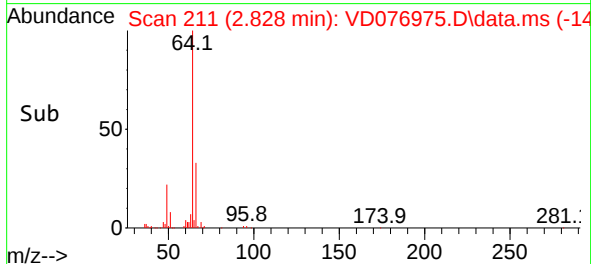
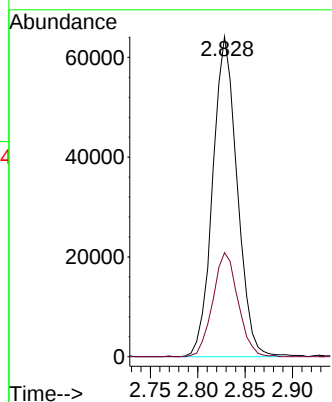


#8
Chloroethane
Concen: 41.421 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Instrument :
MSVOA_D
ClientSampleId :

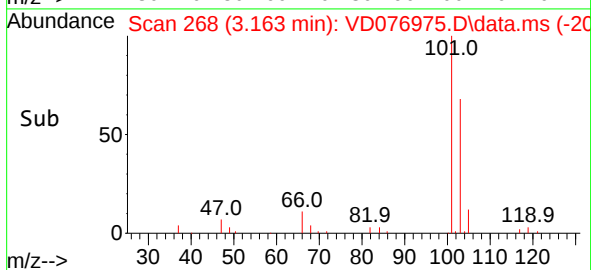
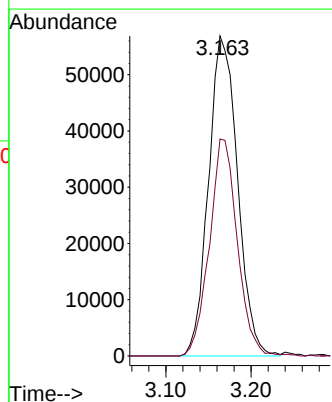
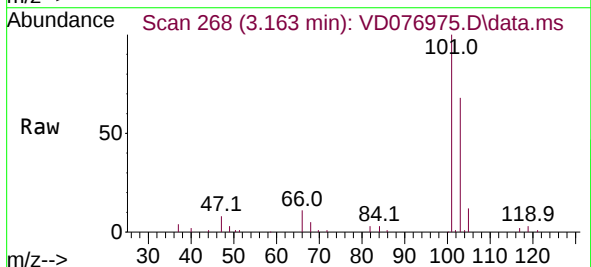


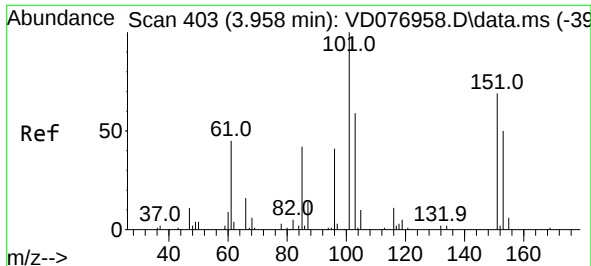
Tgt Ion: 64 Resp: 115432
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#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

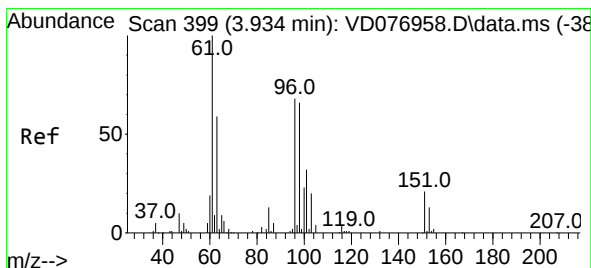
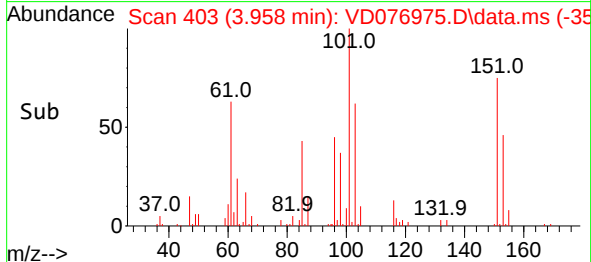
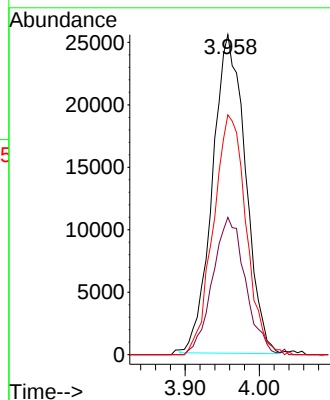
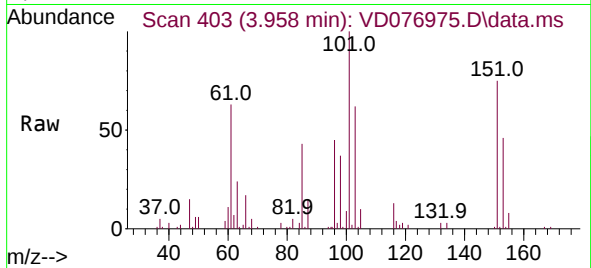




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 35.303 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

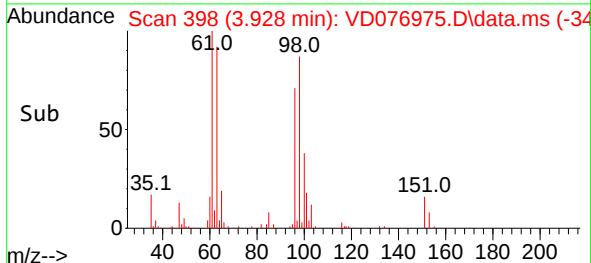
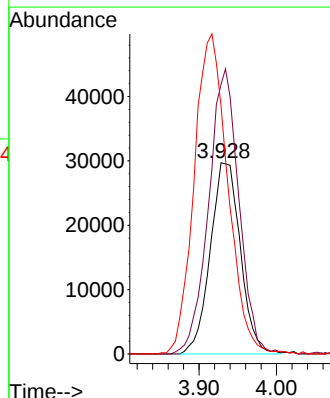
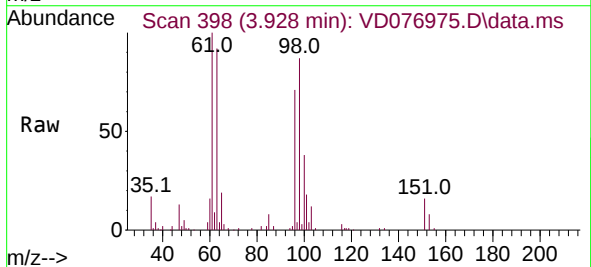
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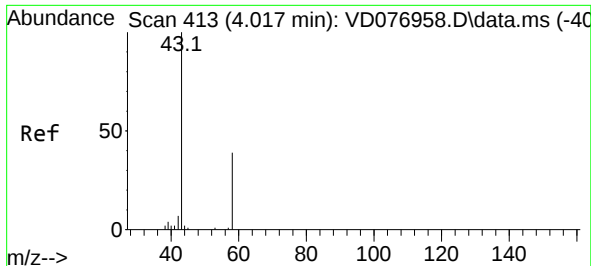
Tgt Ion:101 Resp: 78846
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.5 53.3
 151 74.5 58.6 87.8



#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
 Acq: 10 Aug 2023 21:09

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

Acq: 10 Aug 2023 21:09

Instrument :

MSVOA_D

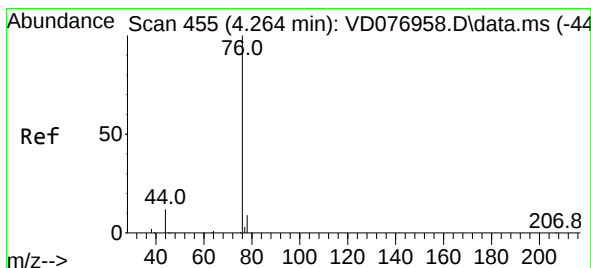
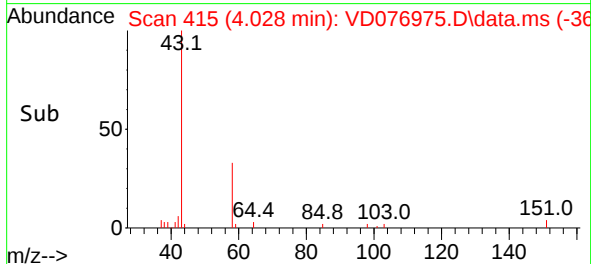
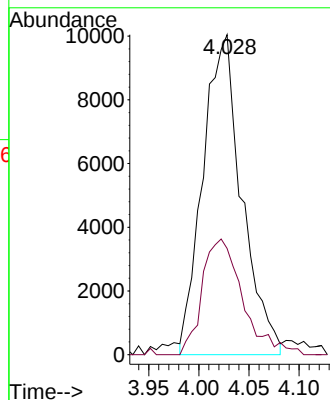
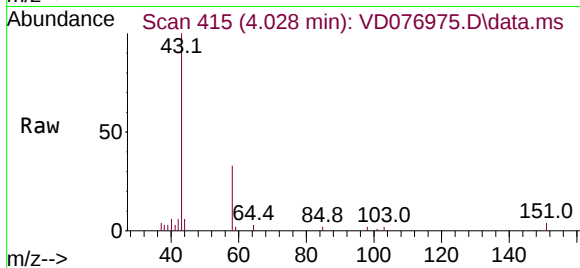
ClientSampleId :

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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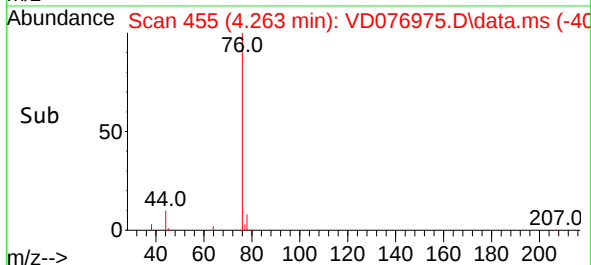
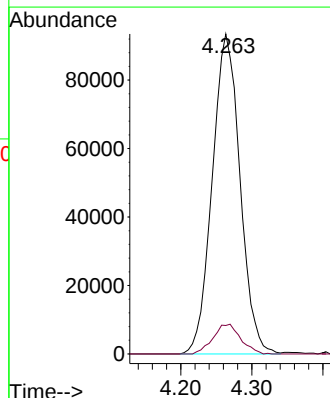
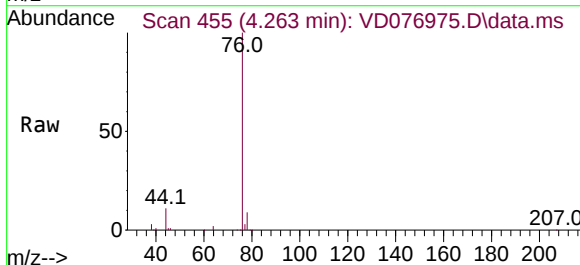
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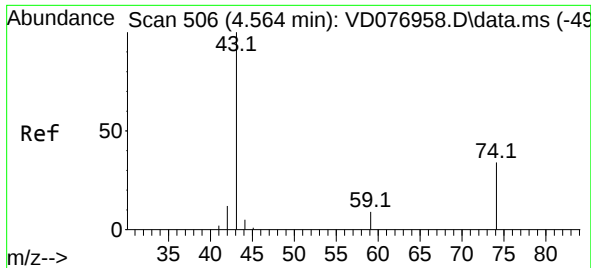
Tgt Ion: 76 Resp: 253644

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

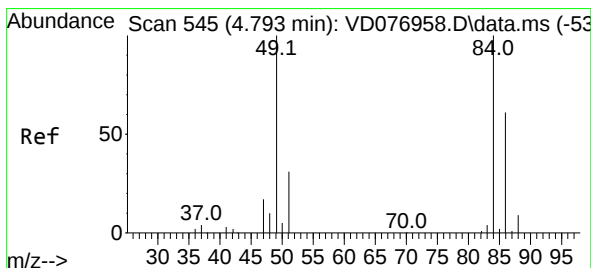
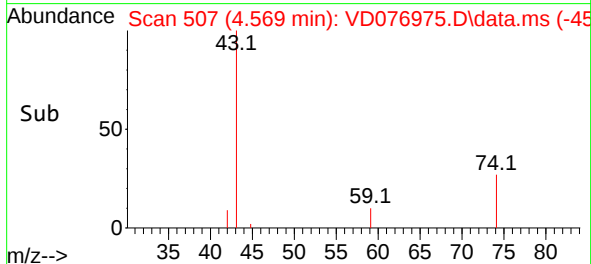
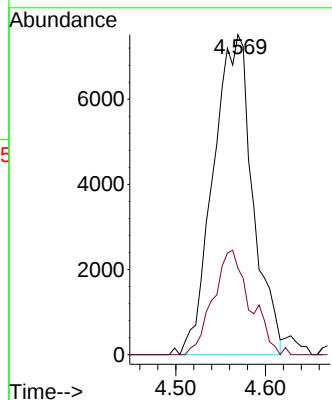
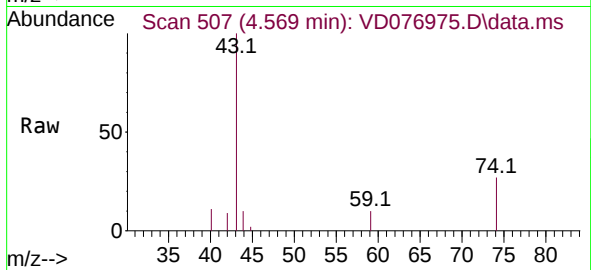




#15
Methyl Acetate
Concen: 22.386 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

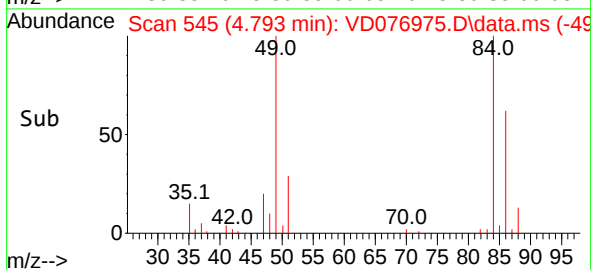
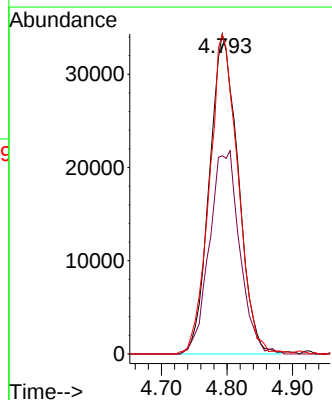
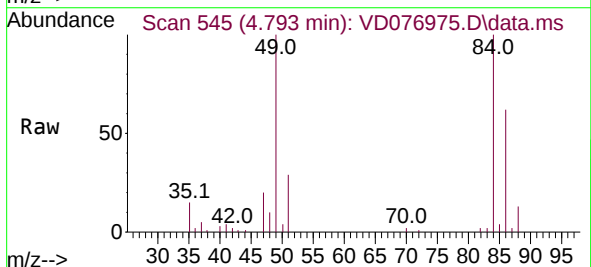
Instrument :
MSVOA_D
ClientSampleId :

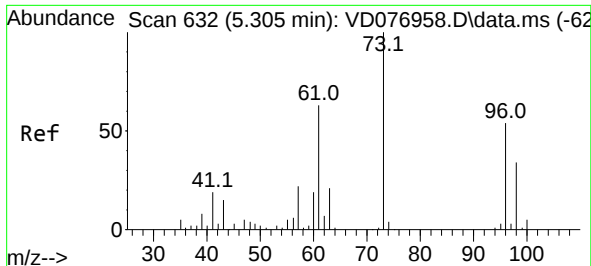
Tgt Ion: 43 Resp: 22997
Ion Ratio Lower Upper
43 100
74 26.6 18.2 27.2



#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

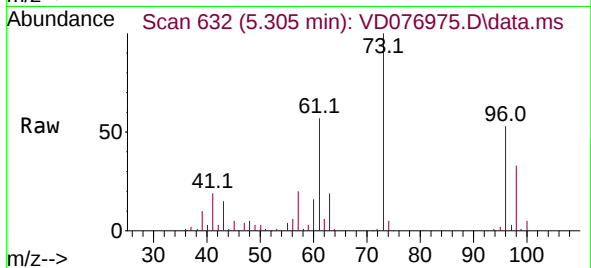
Lab File: VD076975.D

Acq: 10 Aug 2023 21:09

Instrument :

MSVOA_D

ClientSampleId :



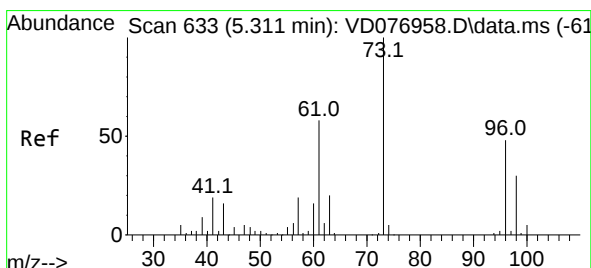
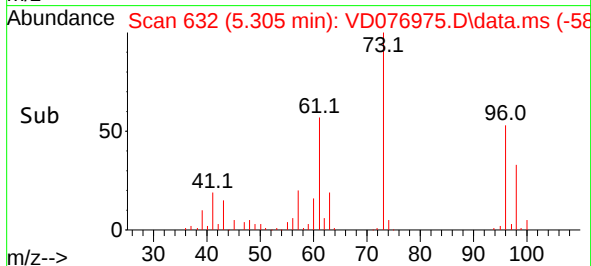
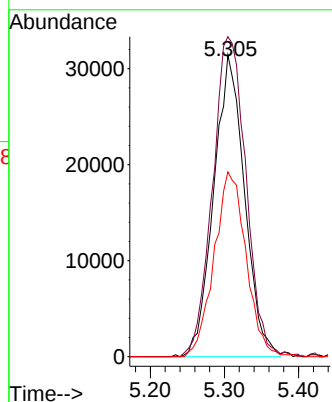
Tgt Ion: 96 Resp: 90616

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

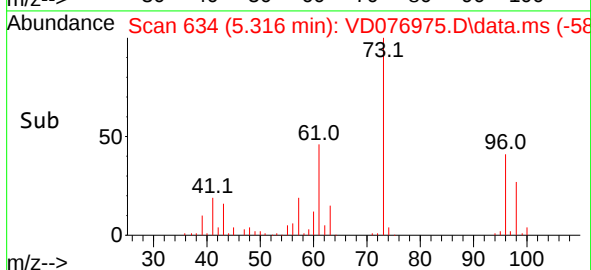
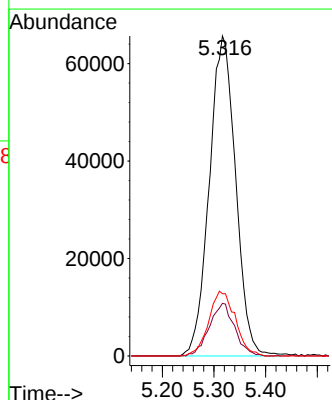
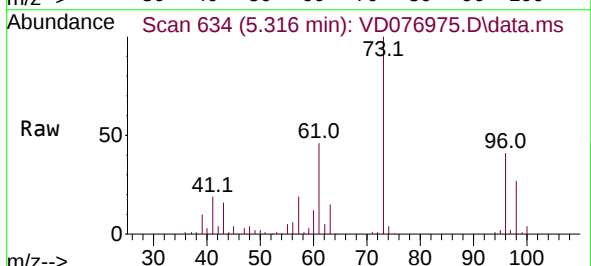
Tgt Ion: 73 Resp: 232607

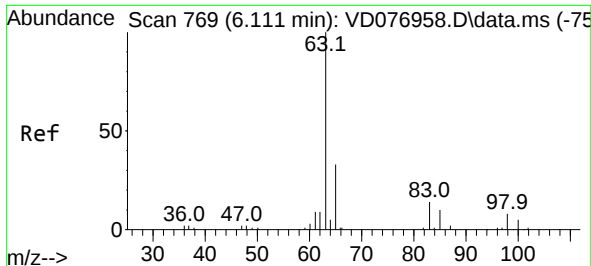
Ion Ratio Lower Upper

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# 7

Delta R.T. -0.006 min

Lab File: VD076975.D

Acq: 10 Aug 2023 21:09

Instrument :

MSVOA_D

ClientSampleId :

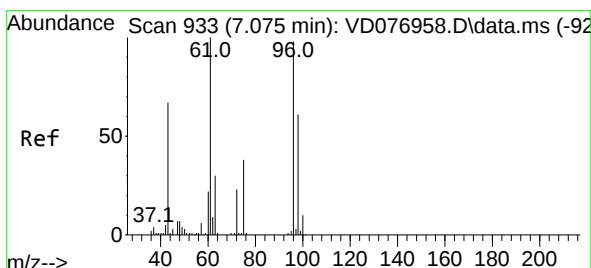
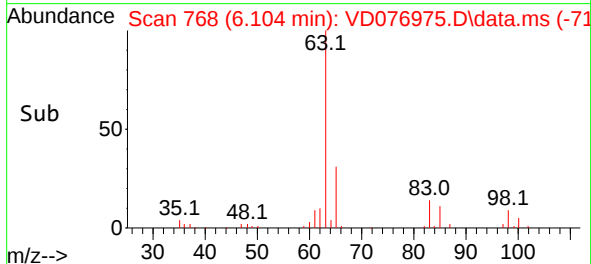
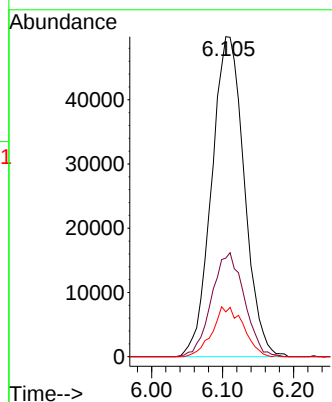
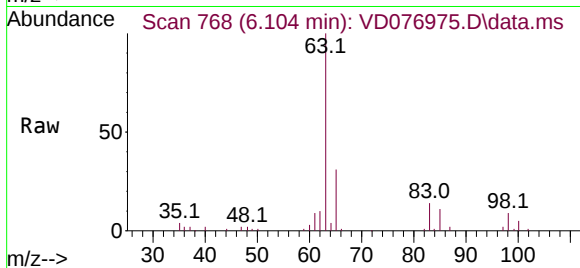
Tgt Ion: 63 Resp: 158505

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

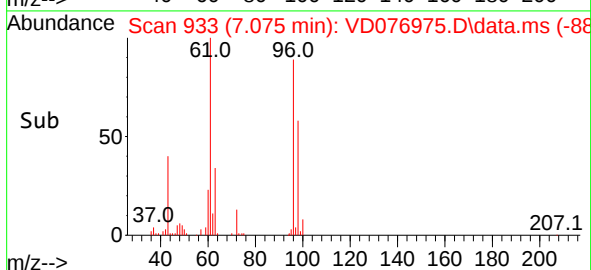
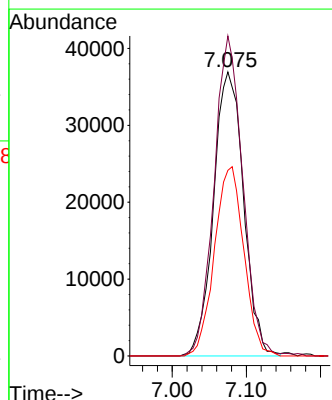
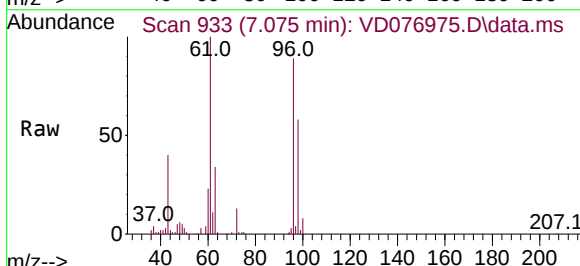
Tgt Ion: 96 Resp: 103921

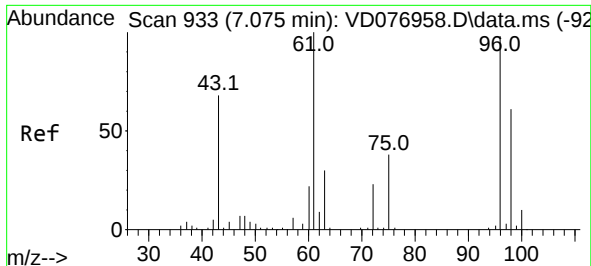
Ion Ratio Lower Upper

96 100

61 112.6 86.0 159.6

98 65.4 42.2 78.4

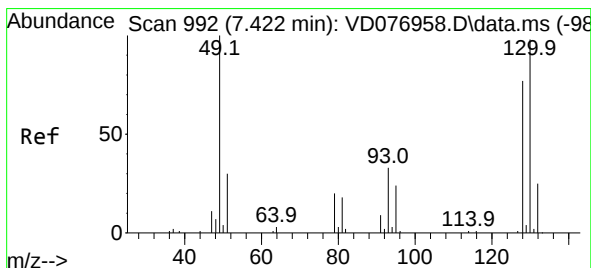
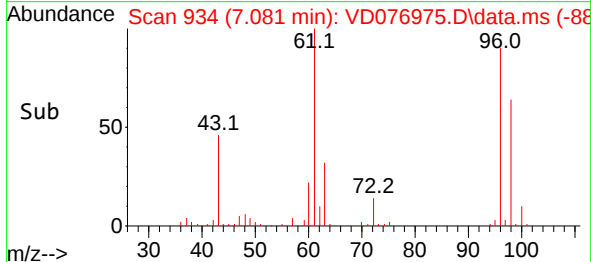
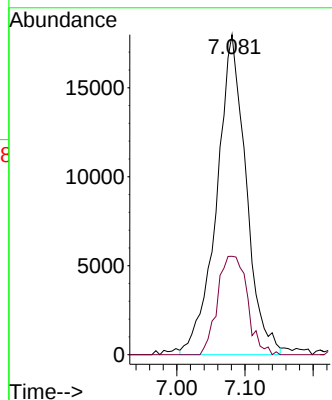
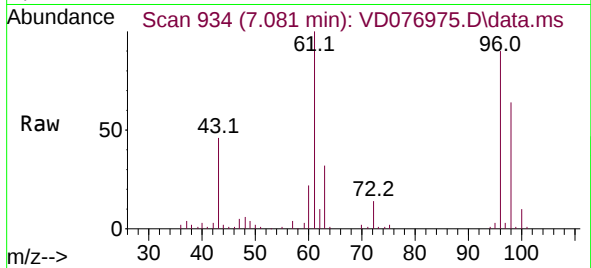




#22
2-Butanone
Concen: 63.600 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

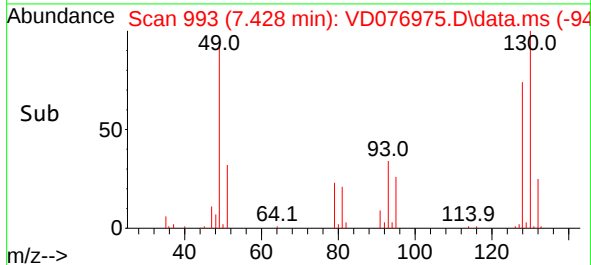
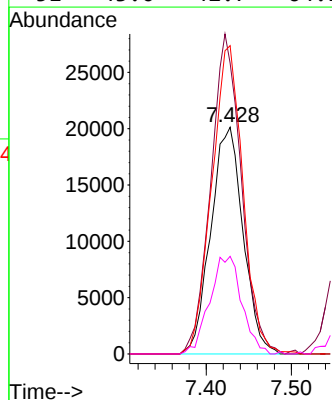
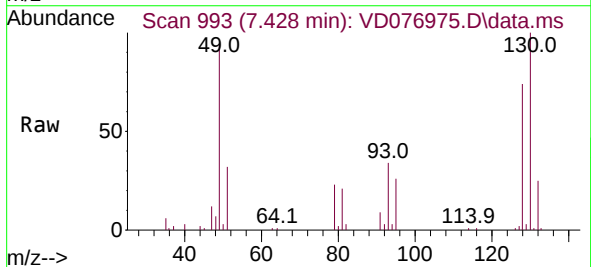
Instrument :
MSVOA_D
ClientSampleId :

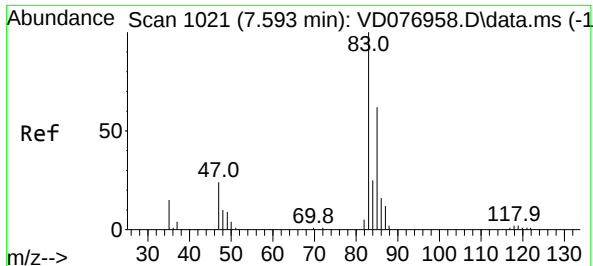
Tgt Ion: 43 Resp: 54084
Ion Ratio Lower Upper
43 100
72 30.7 12.9 38.7



#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

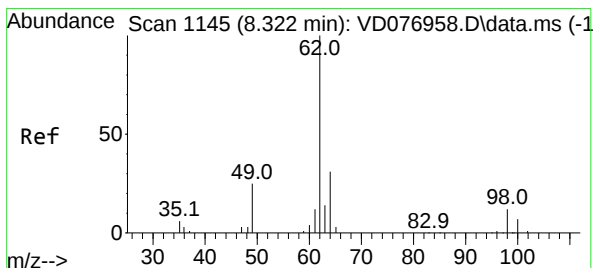
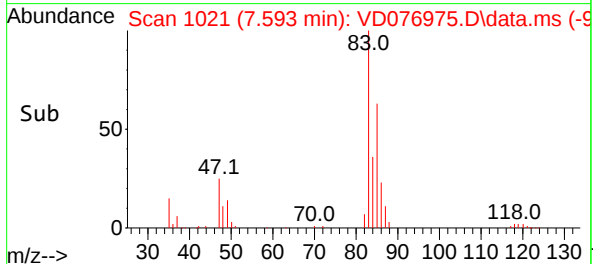
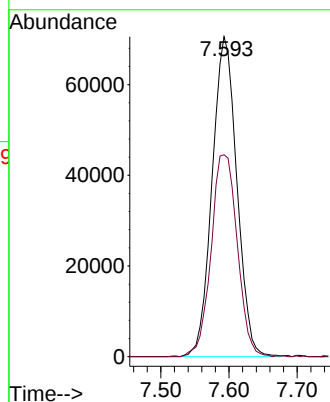
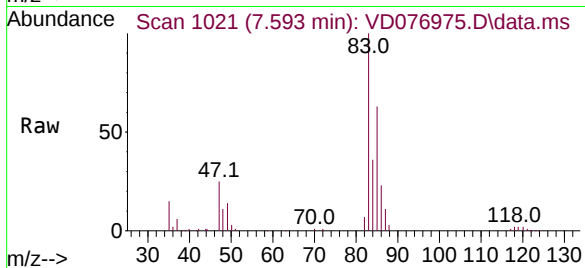
ClientSampleId :

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

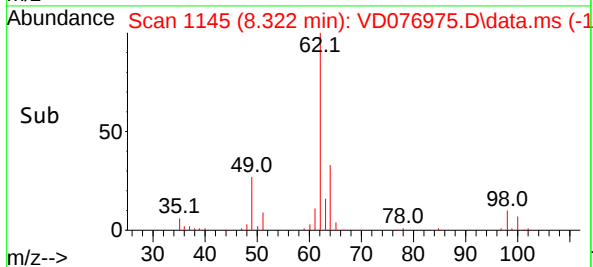
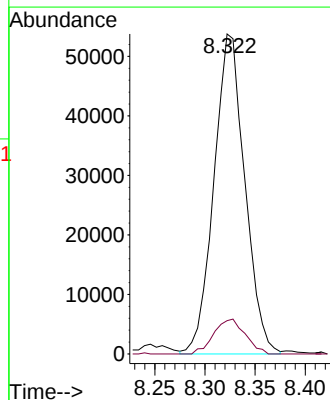
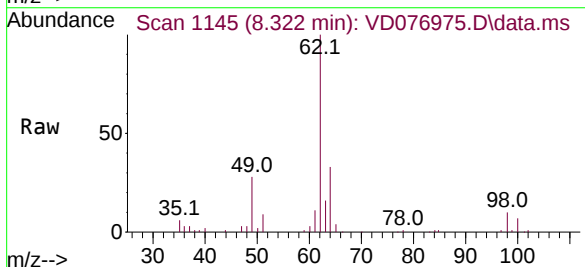
Acq: 10 Aug 2023 21:09

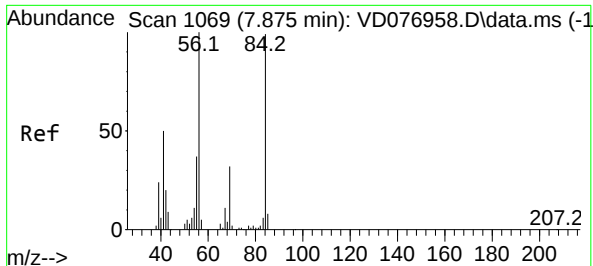
Tgt Ion: 62 Resp: 115228

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

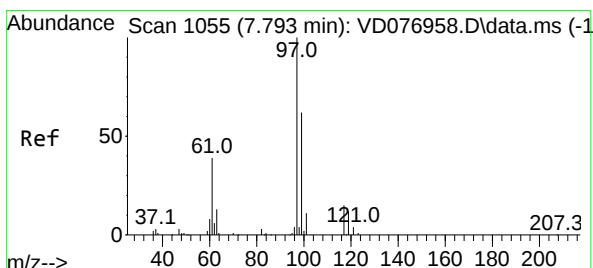
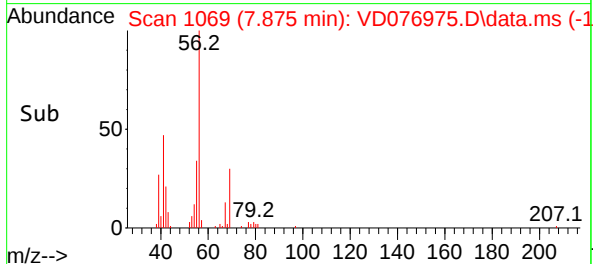
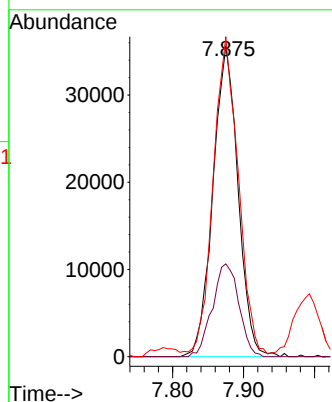
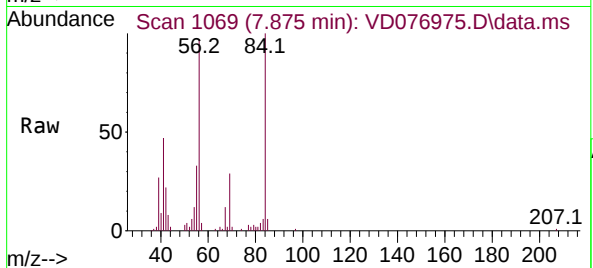
Acq: 10 Aug 2023 21:09

Instrument :

MSVOA_D

ClientSampleId :

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

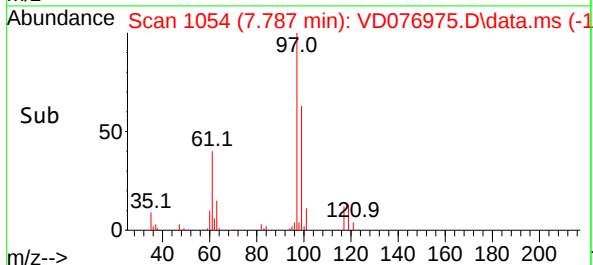
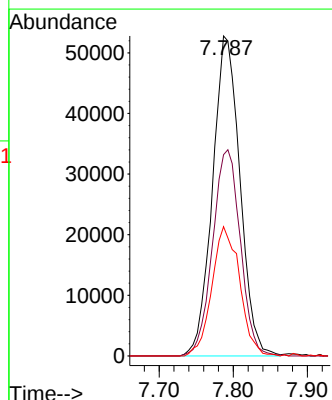
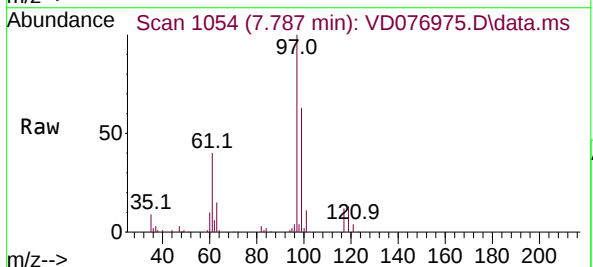
RT: 7.787 min Scan# 1054

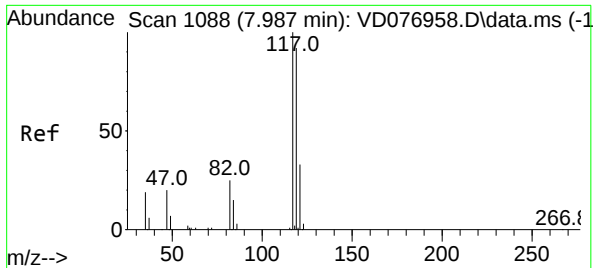
Delta R.T. -0.006 min

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

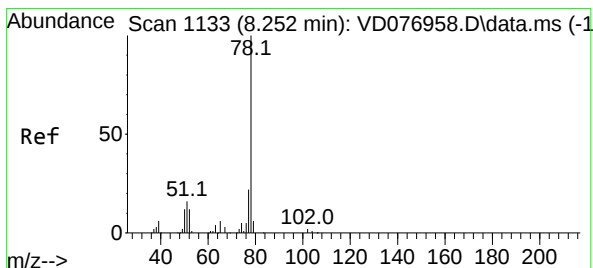
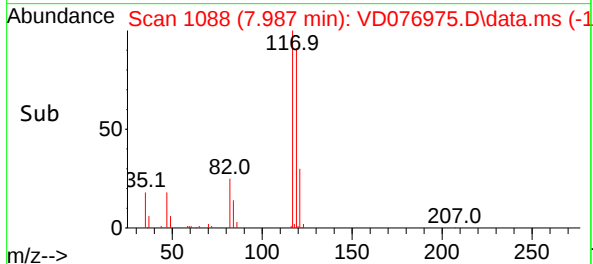
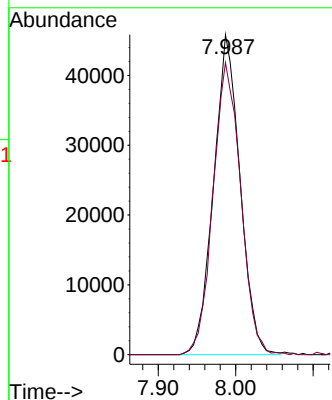
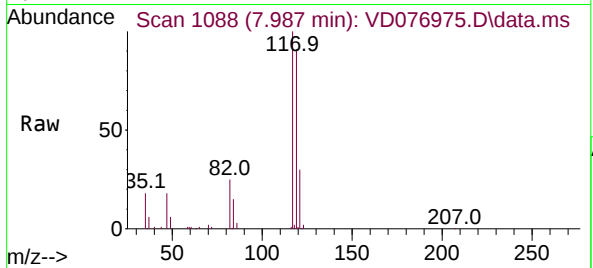




#31
Carbon tetrachloride
Concen: 39.950 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

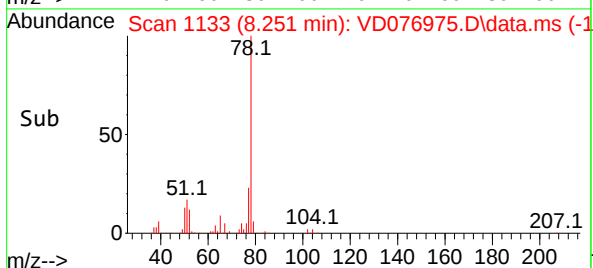
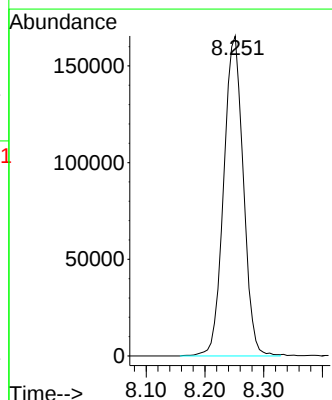
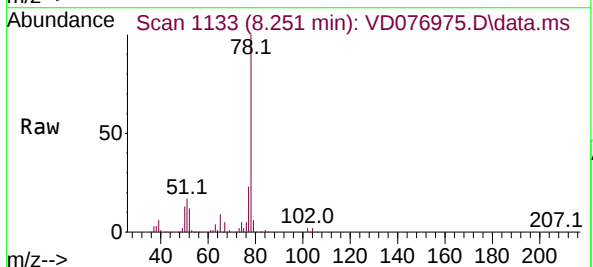
Instrument :
MSVOA_D
ClientSampleId :

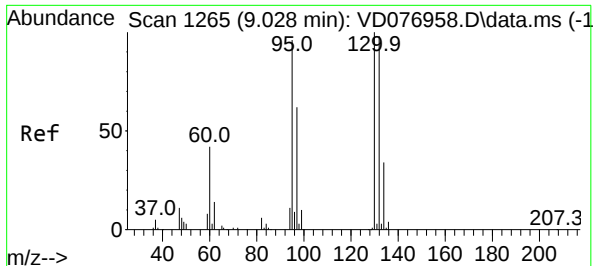
Tgt Ion:117 Resp: 108714
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6



#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

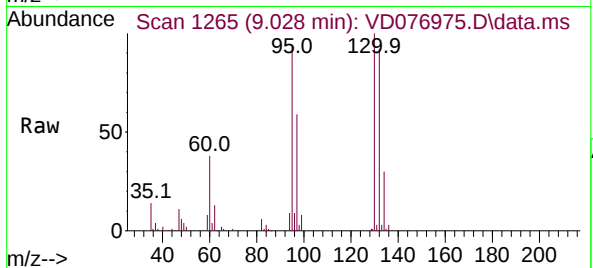
Tgt Ion: 78 Resp: 383036



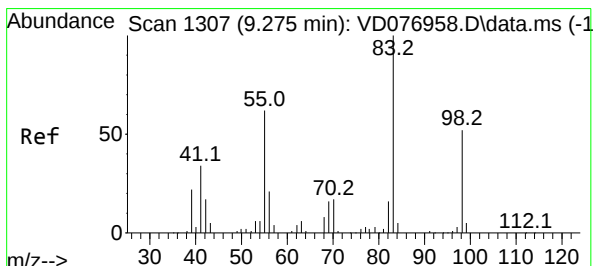
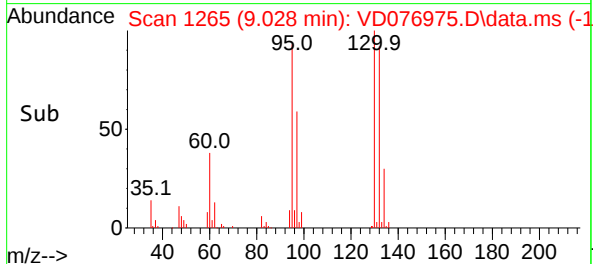
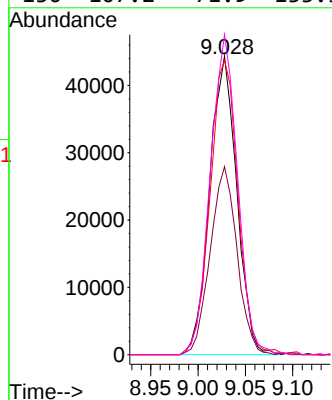


#34
Trichloroethene
Concen: 38.574 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Instrument :
MSVOA_D
ClientSampleId :

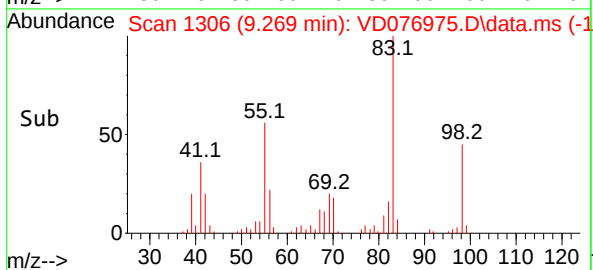
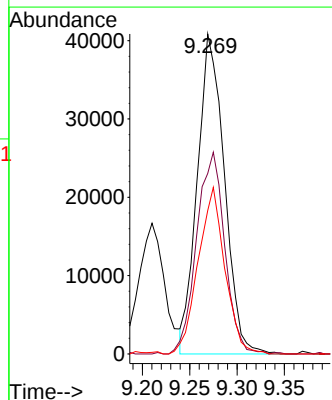
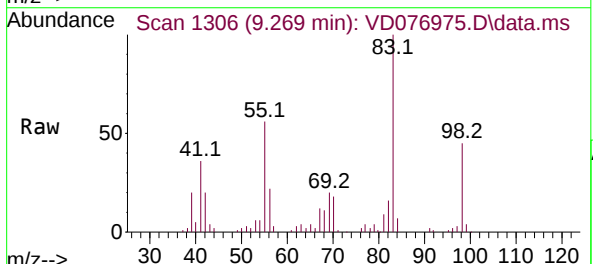


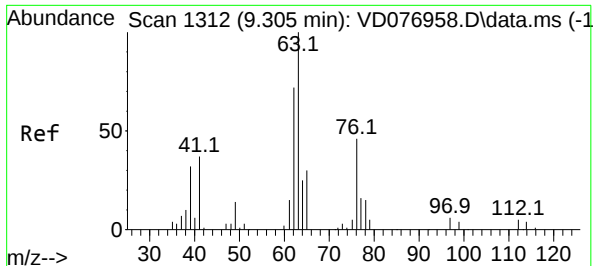
Tgt Ion:	95	Resp:	88358
Ion Ratio	Lower	Upper	
95	100		
97	63.0	43.1	80.1
132	98.6	71.8	133.4
130	107.2	71.9	133.5



#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# 1312

Delta R.T. -0.000 min

Lab File: VD076975.D

Acq: 10 Aug 2023 21:09

Instrument :

MSVOA_D

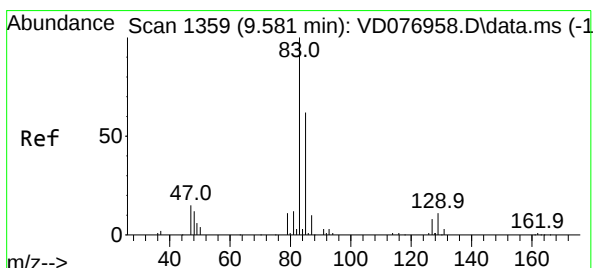
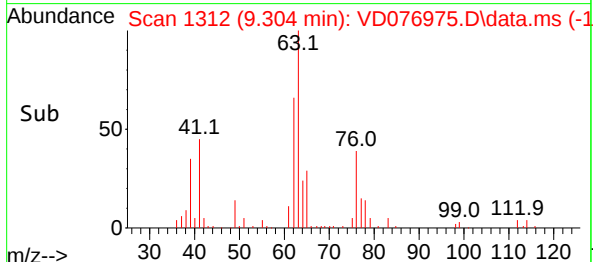
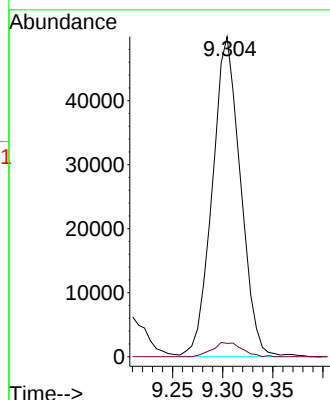
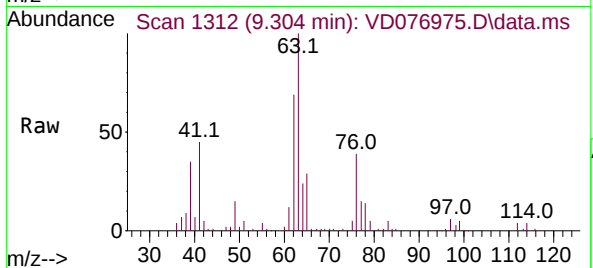
ClientSampleId :

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

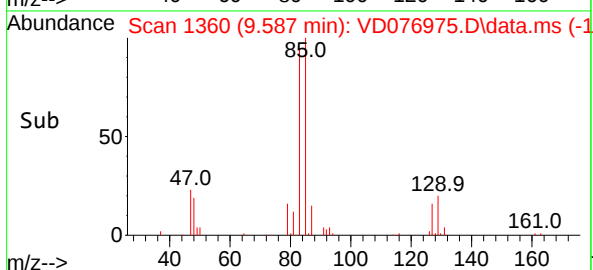
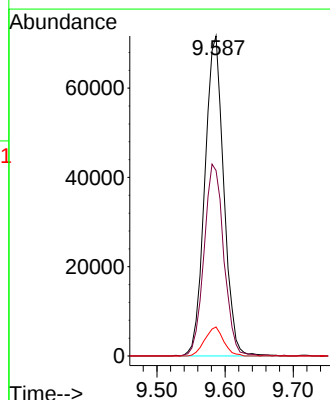
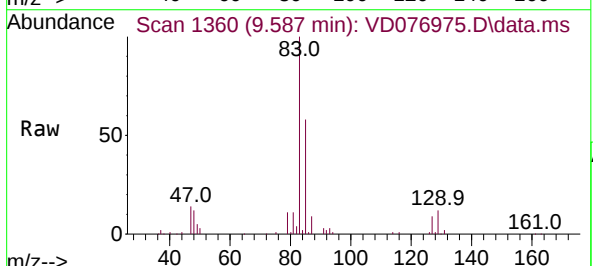
Tgt Ion: 83 Resp: 138329

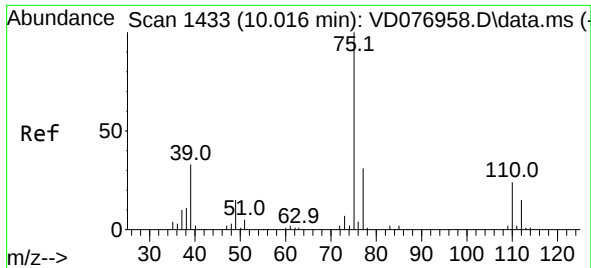
Ion Ratio Lower Upper

83 100

85 57.9 43.9 81.5

127 9.0 6.6 9.8

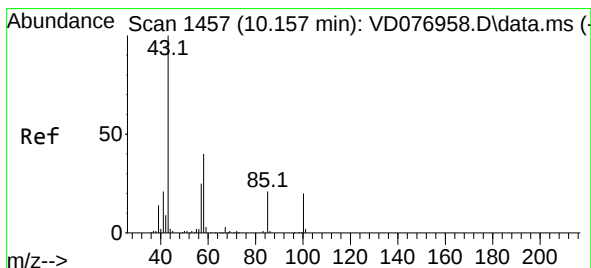
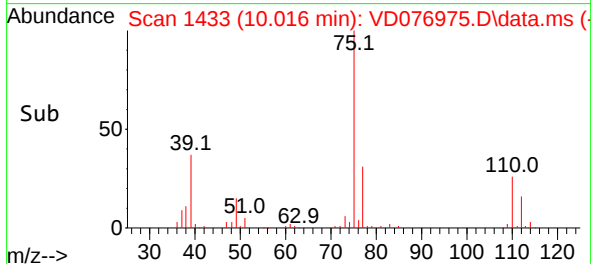
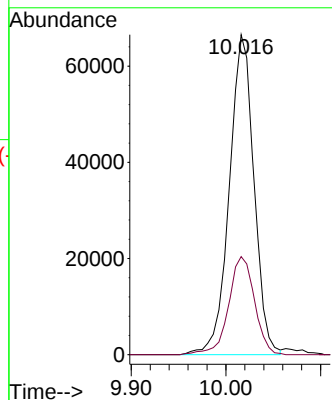
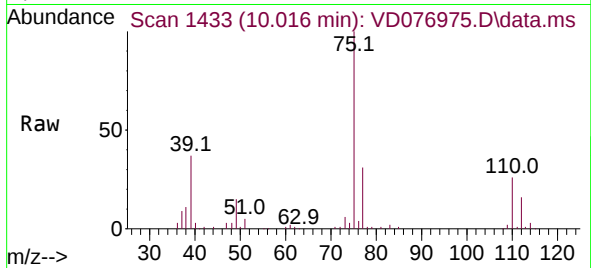




#39
 cis-1,3-Dichloropropene
 Concen: 33.358 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

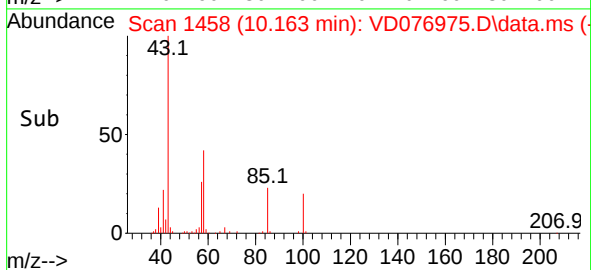
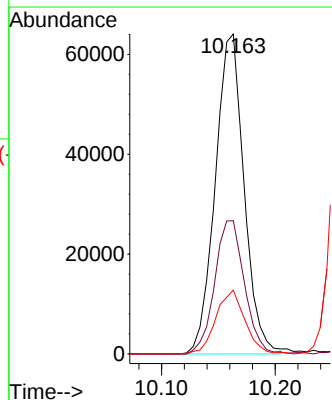
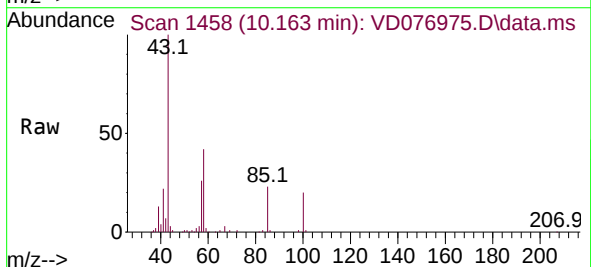
Instrument :
 MSVOA_D
 ClientSampleId :

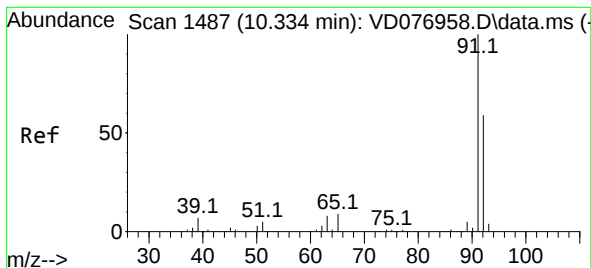
Tgt Ion: 75 Resp: 120293
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.7 42.3



#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

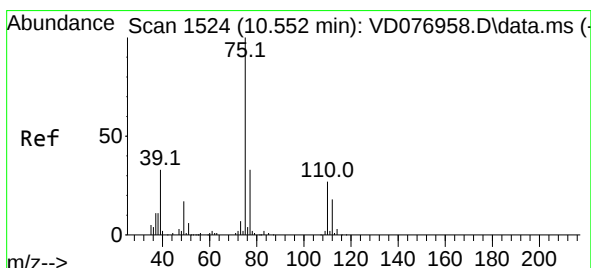
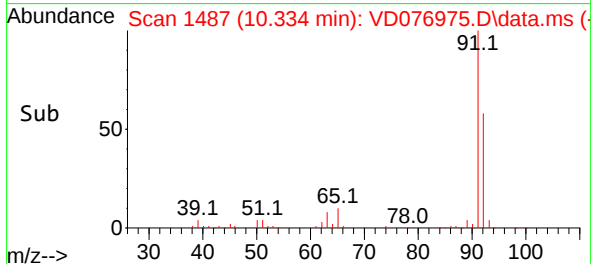
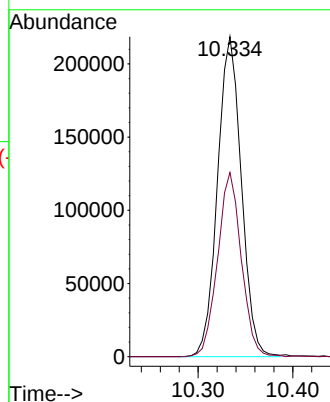
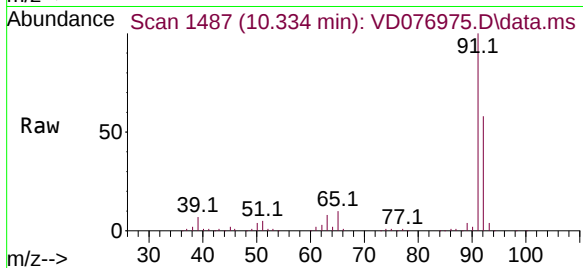
ClientSampleId :

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

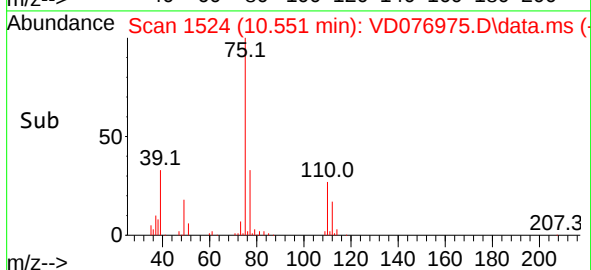
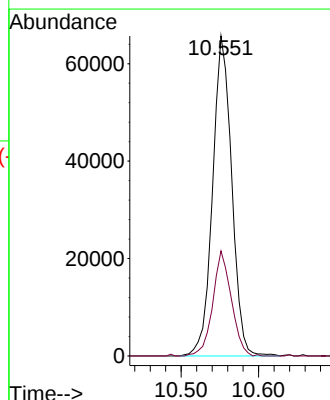
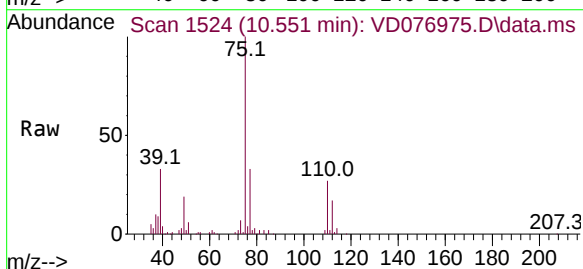
Acq: 10 Aug 2023 21:09

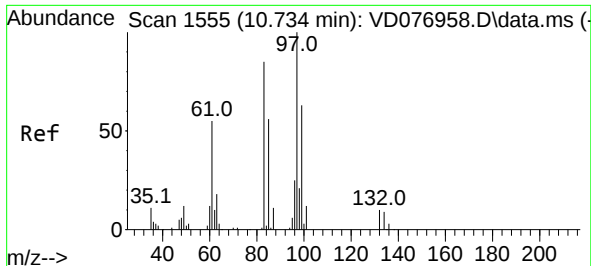
Tgt Ion: 75 Resp: 113083

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.7

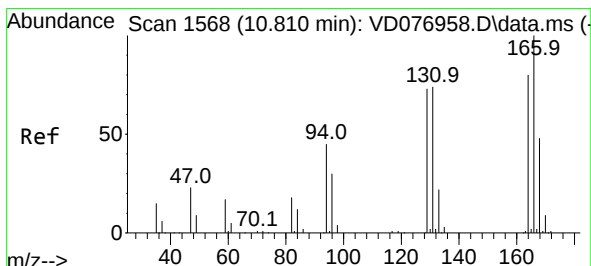
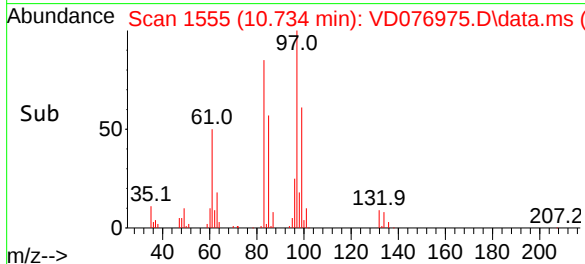
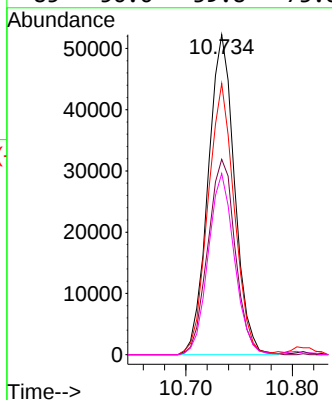
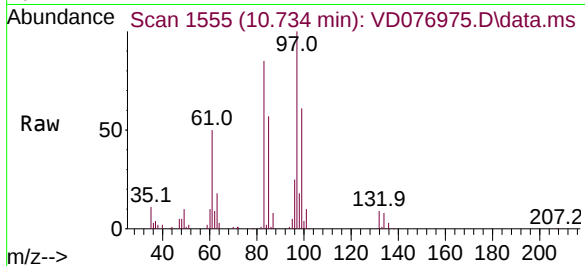




#45
1,1,2-Trichloroethane
Concen: 45.302 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

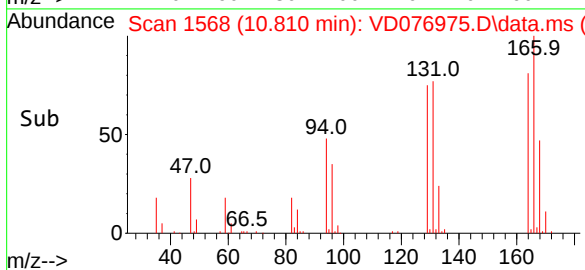
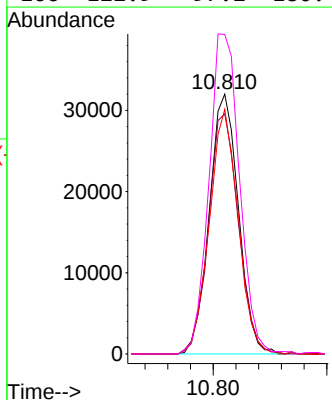
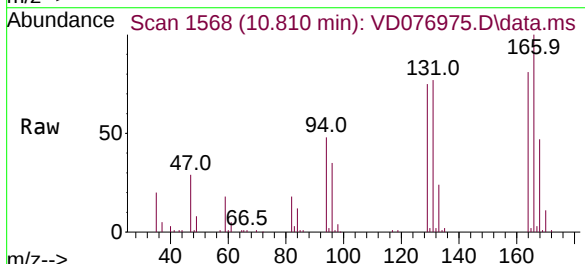
Instrument :
MSVOA_D
ClientSampleId :

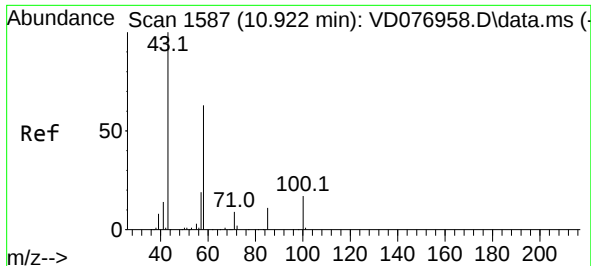
Tgt Ion: 97	Resp: 89962
Ion Ratio	Lower Upper
97 100	
99 61.0	41.9 77.9
83 84.8	59.2 110.0
85 56.6	39.8 73.8



#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

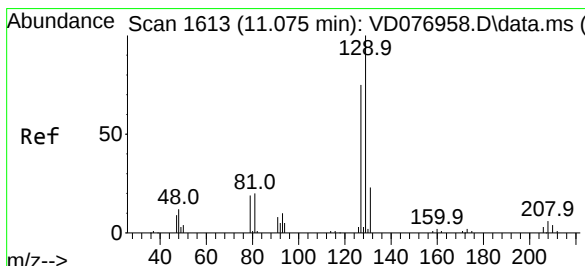
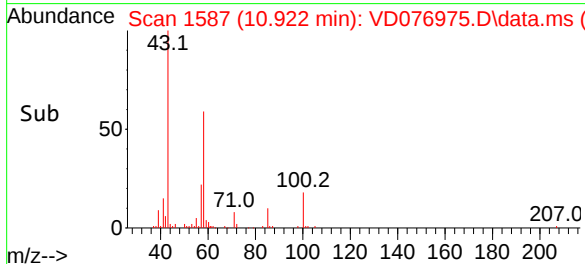
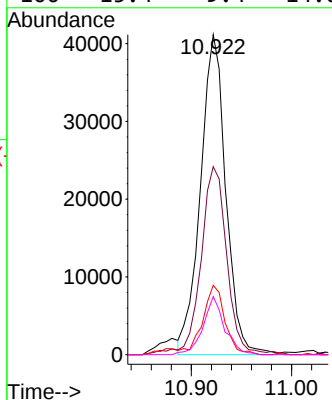
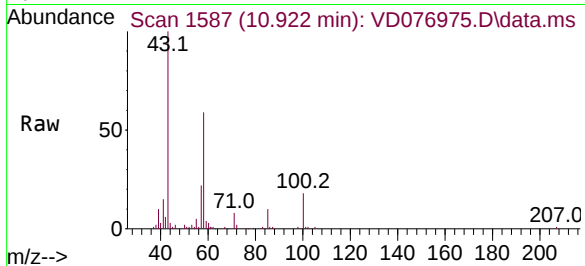




#48
2-Hexanone
Concen: 66.994 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

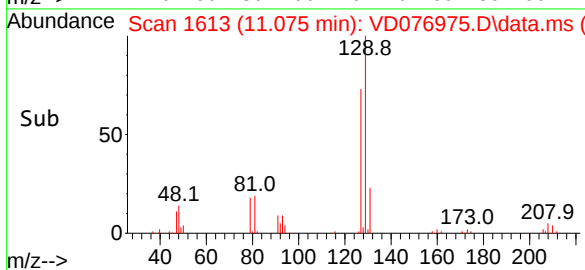
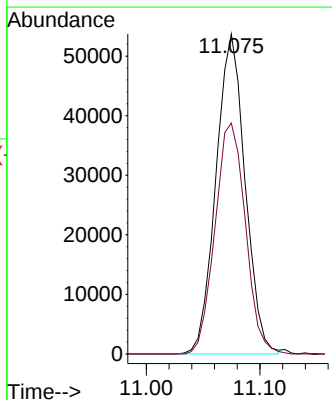
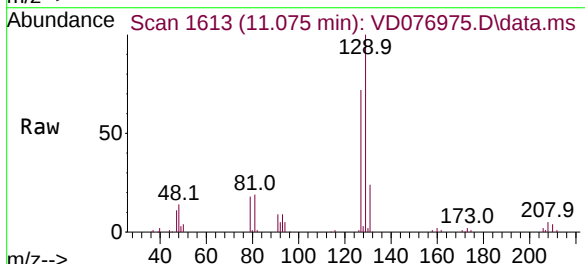
Instrument :
MSVOA_D
ClientSampleId :

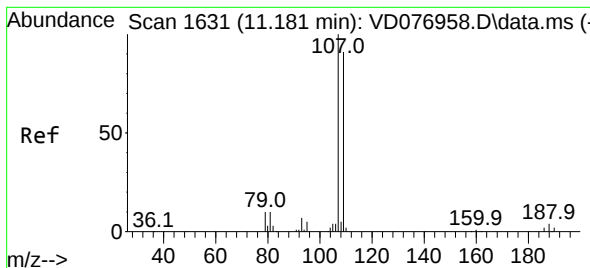
Tgt Ion: 43	Resp: 72531
Ion Ratio	Lower Upper
43 100	
58 59.6	42.9 64.3
57 18.4	13.7 20.5
100 15.4	9.4 14.0#



#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# 1

Delta R.T. -0.000 min

Lab File: VD076975.D

Acq: 10 Aug 2023 21:09

Instrument :

MSVOA_D

ClientSampleId :

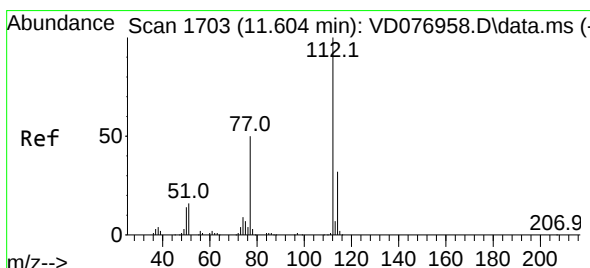
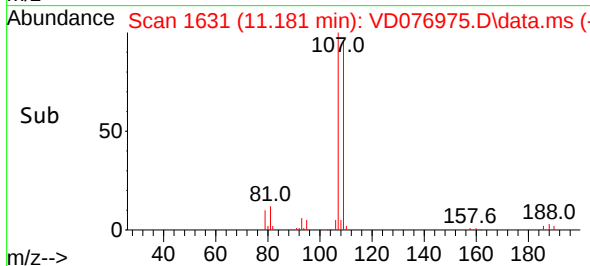
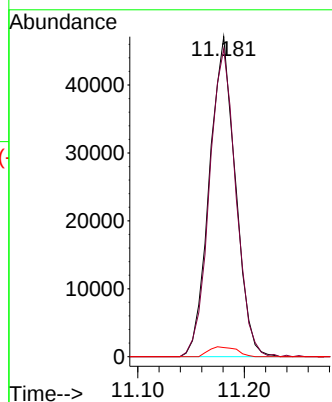
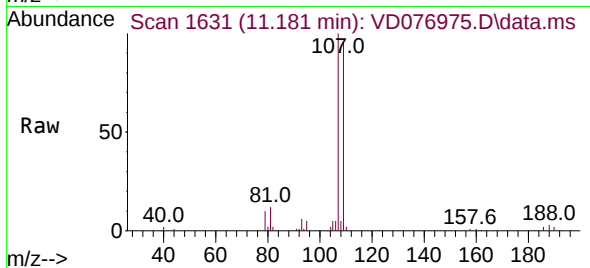
Tgt Ion:107 Resp: 80041

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

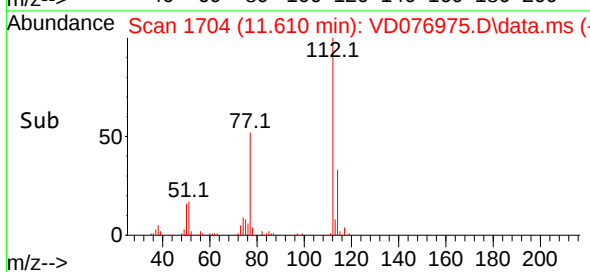
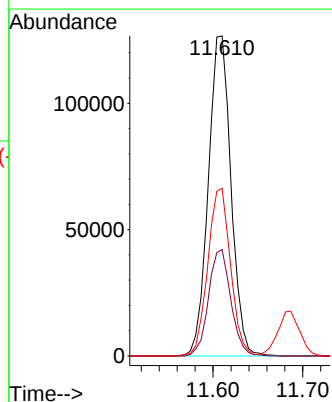
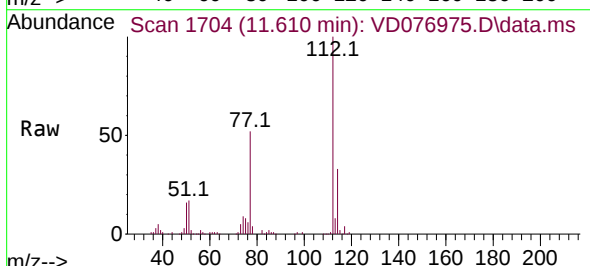
Tgt Ion:112 Resp: 222769

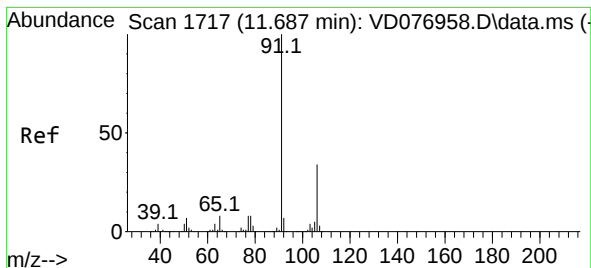
Ion Ratio Lower Upper

112 100

114 33.3 21.5 39.9

77 52.4 43.4 65.2

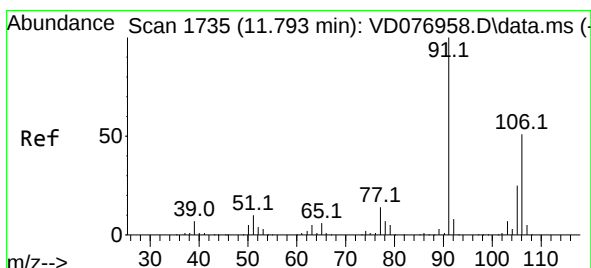
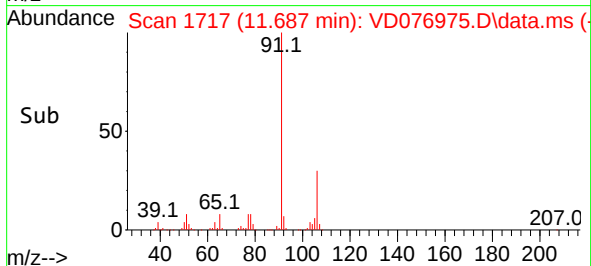
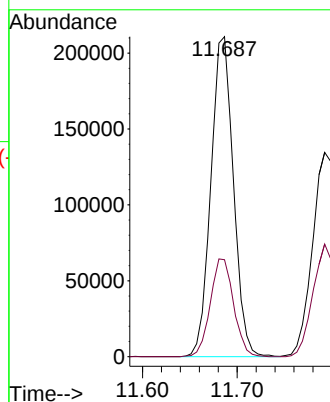
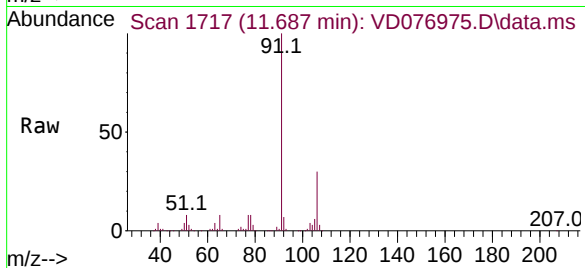




#52
Ethylbenzene
Concen: 34.195 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

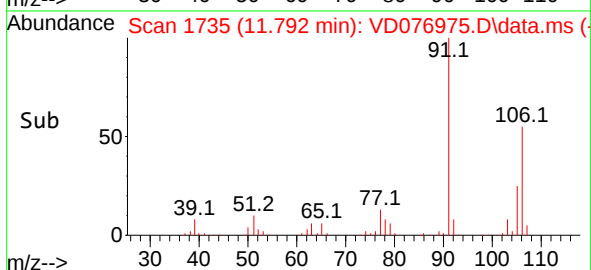
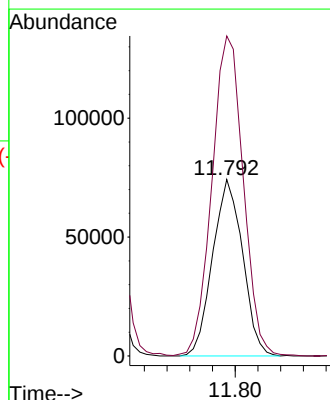
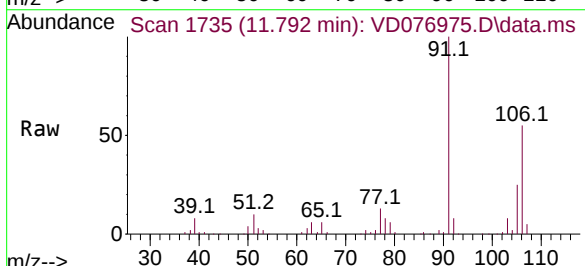
Instrument :
MSVOA_D
ClientSampleId :

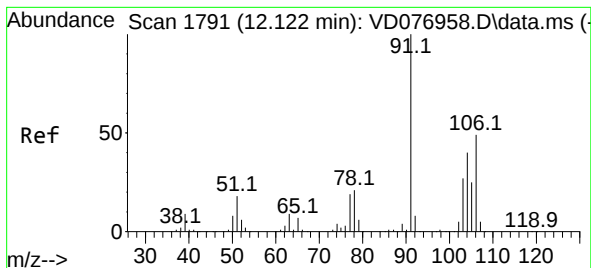
Tgt Ion: 91 Resp: 348511
Ion Ratio Lower Upper
91 100
106 30.3 22.4 41.6



#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

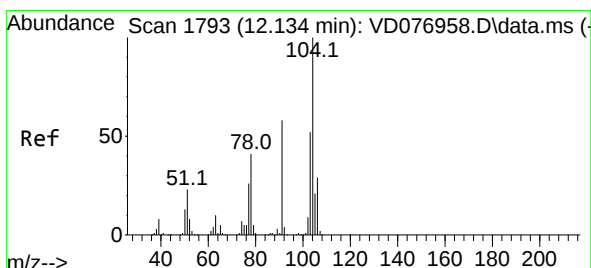
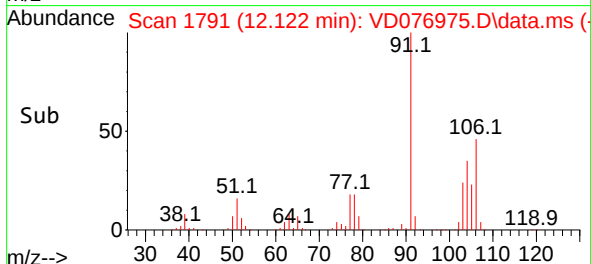
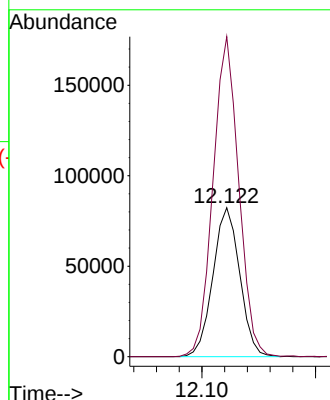
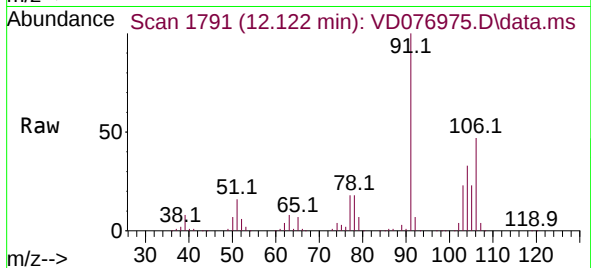
ClientSampleId :

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

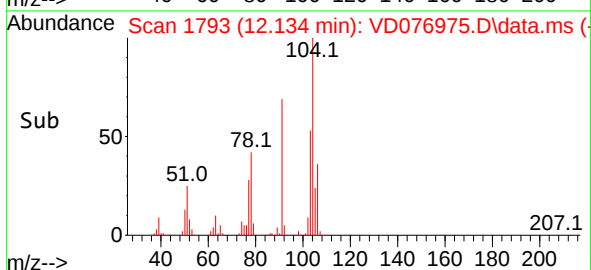
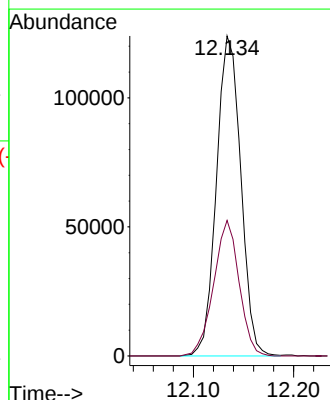
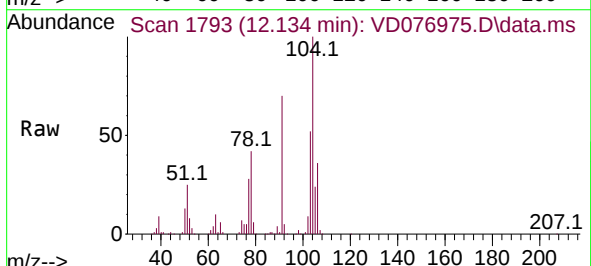
Acq: 10 Aug 2023 21:09

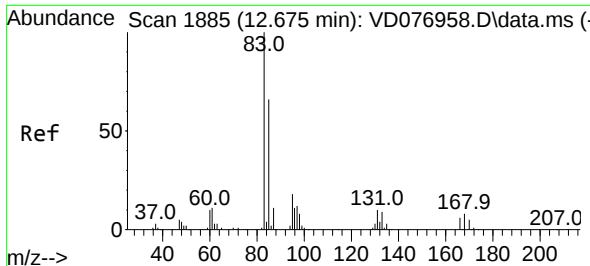
Tgt Ion:104 Resp: 208976

Ion Ratio Lower Upper

104 100

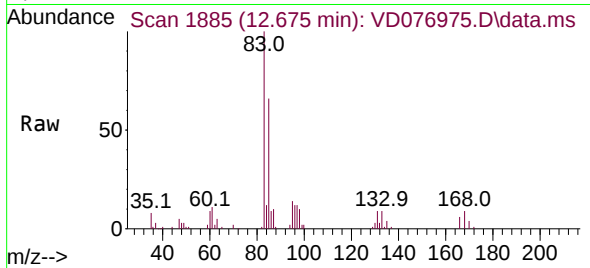
78 42.4 31.3 58.1



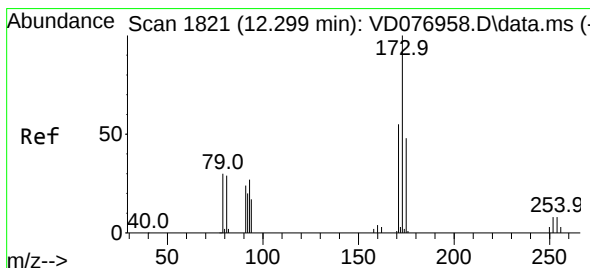
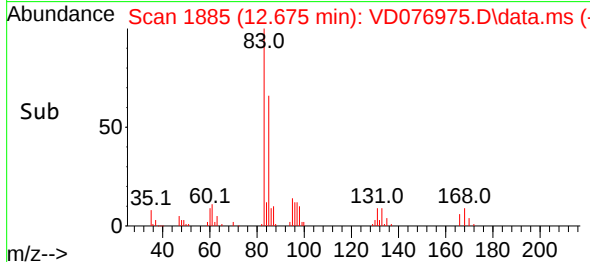
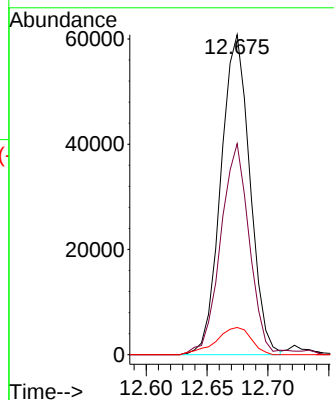


#57
1,1,2-Tetrachloroethane
Concen: 41.083 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

Instrument :
MSVOA_D
ClientSampleId :

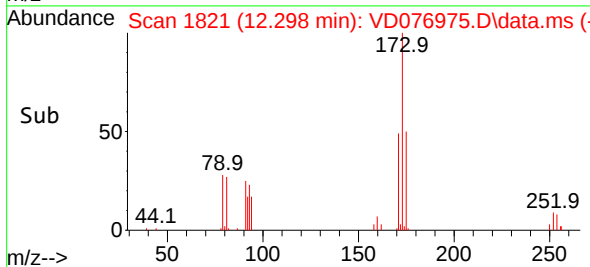
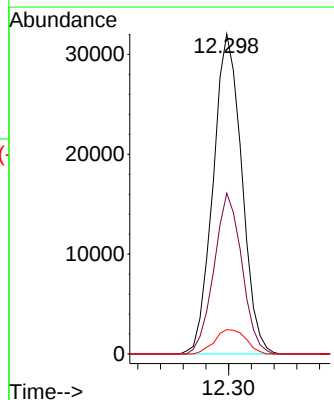
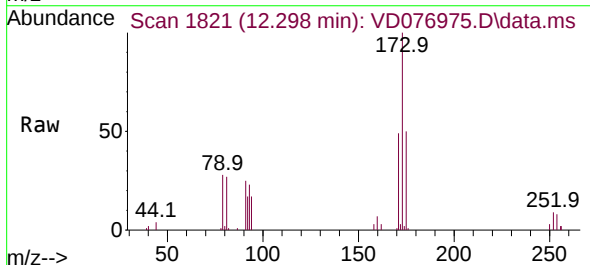


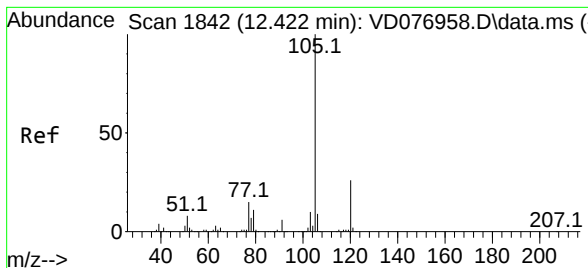
Tgt Ion: 83 Resp: 100904
Ion Ratio Lower Upper
83 100
85 65.9 46.3 86.1
131 8.5 7.0 10.4



#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 :

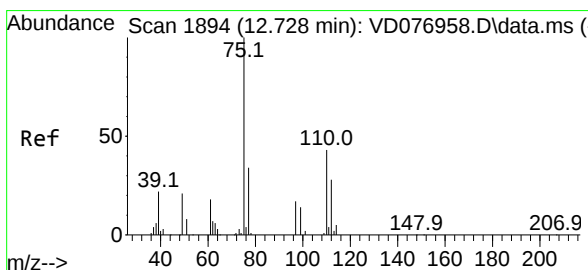
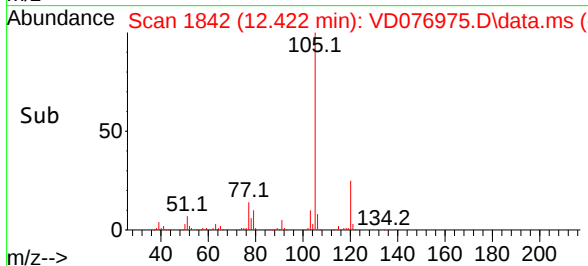
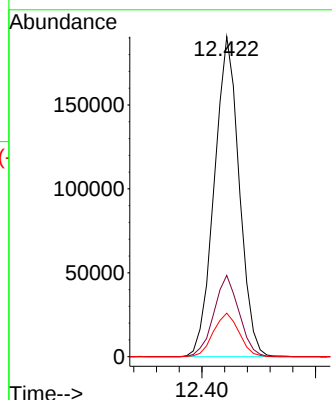
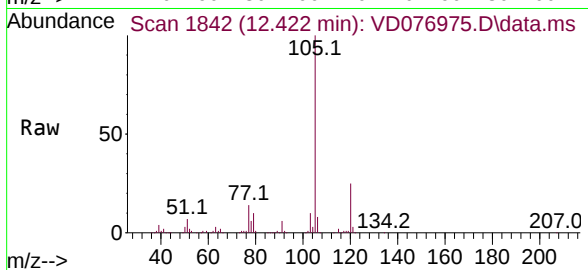
Tgt Ion:105 Resp: 290997

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

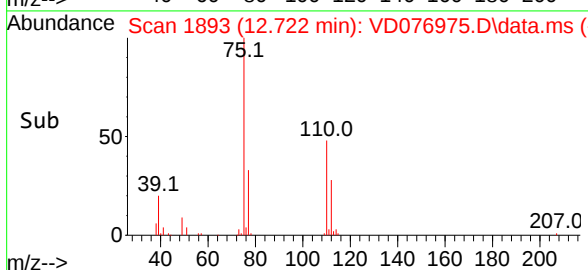
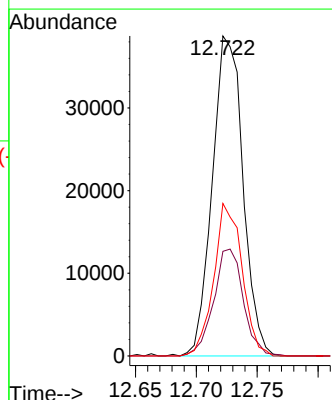
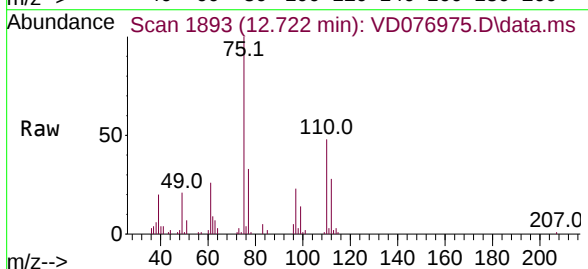
Tgt Ion: 75 Resp: 67629

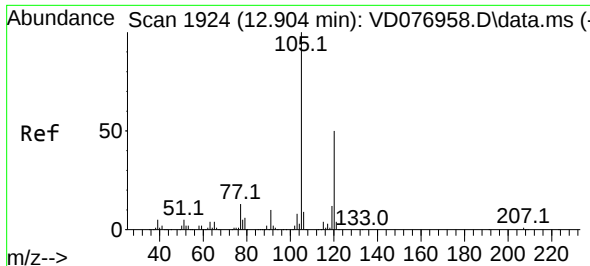
Ion Ratio Lower Upper

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

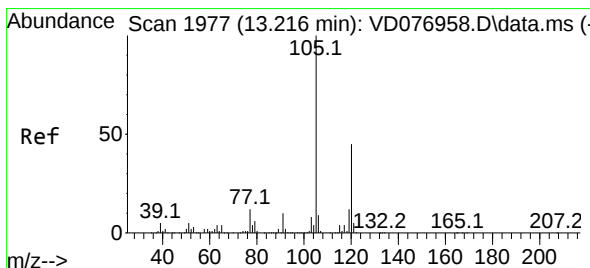
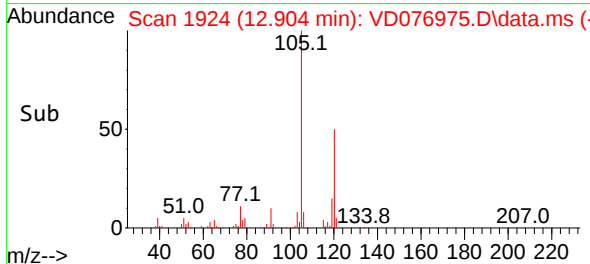
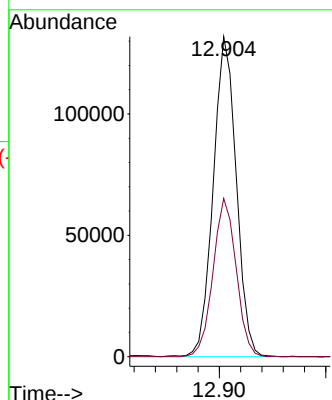
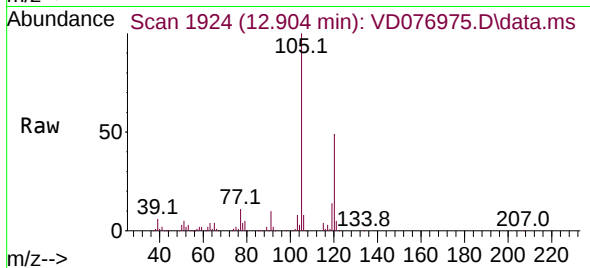
ClientSampleId :

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

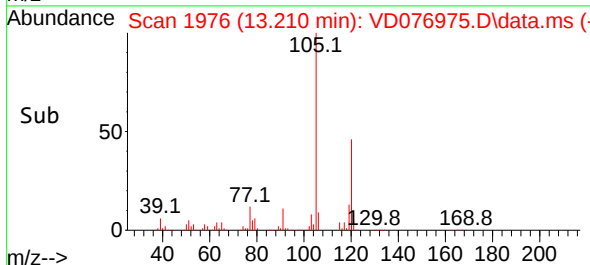
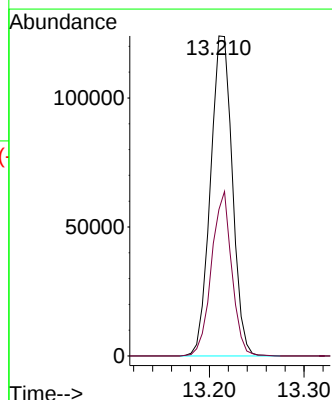
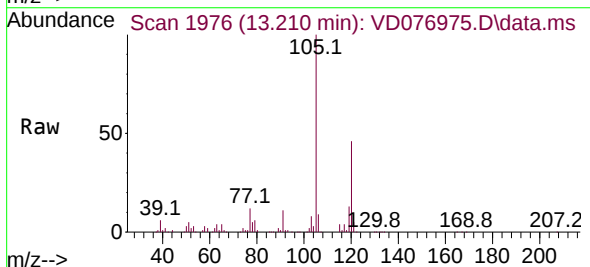
Acq: 10 Aug 2023 21:09

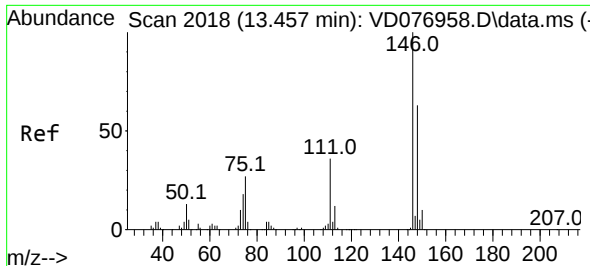
Tgt Ion:105 Resp: 199530

Ion Ratio Lower Upper

105 100

120 47.5 37.5 56.3

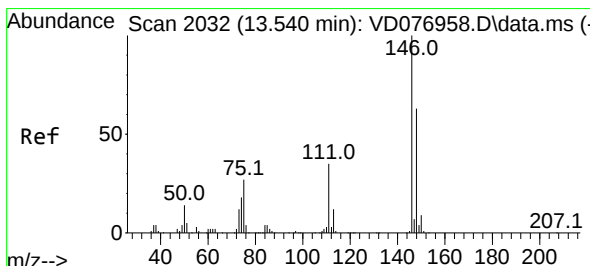
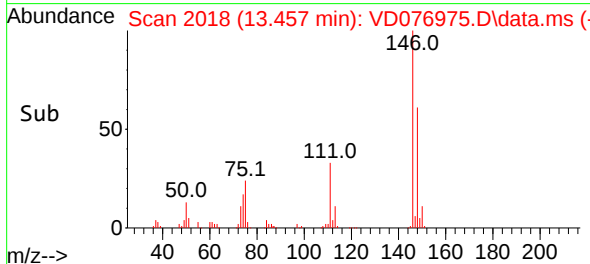
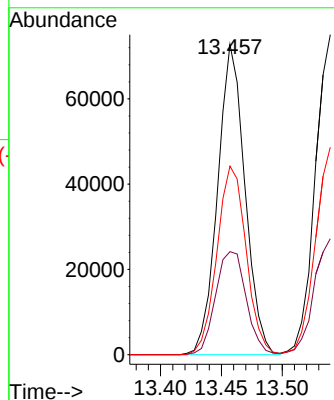
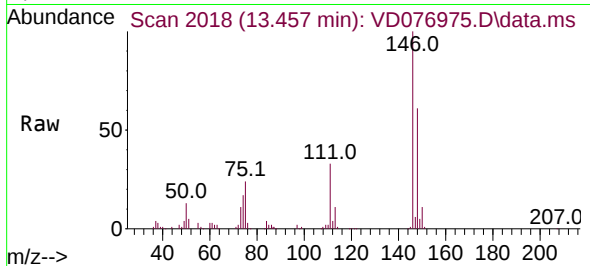




#64
1,3-Dichlorobenzene
Concen: 31.092 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076975.D
Acq: 10 Aug 2023 21:09

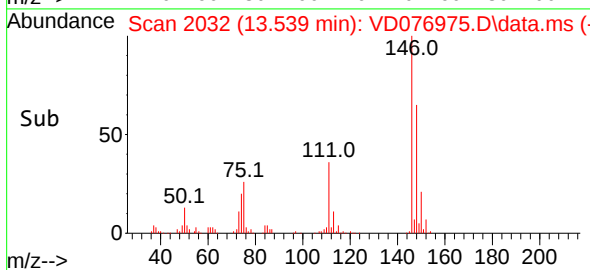
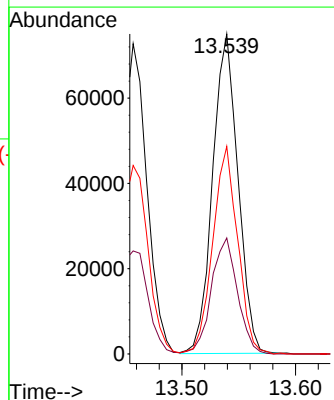
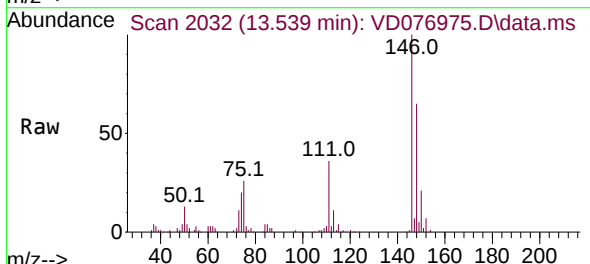
Instrument :
MSVOA_D
ClientSampleId :

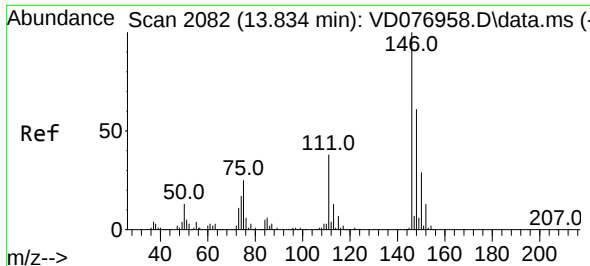
Tgt Ion:146 Resp: 113742
Ion Ratio Lower Upper
146 100
111 33.2 25.6 47.4
148 60.8 44.3 82.3



#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 :

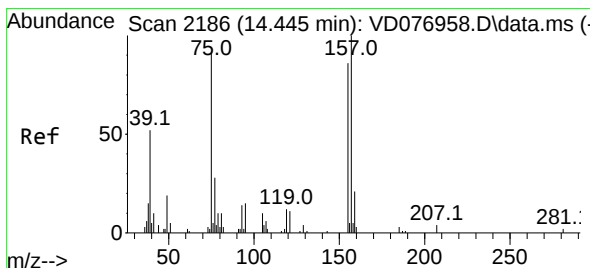
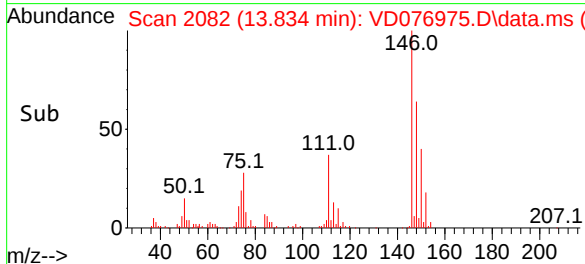
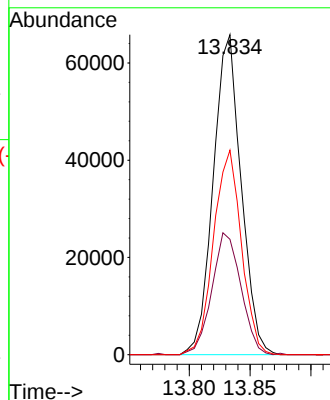
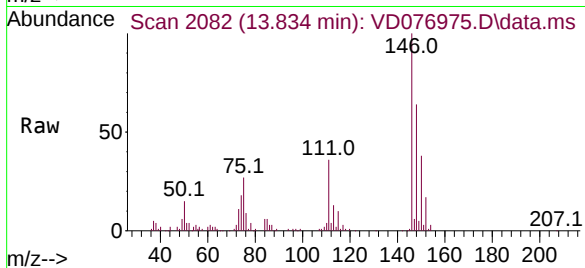
Tgt Ion:146 Resp: 104933

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

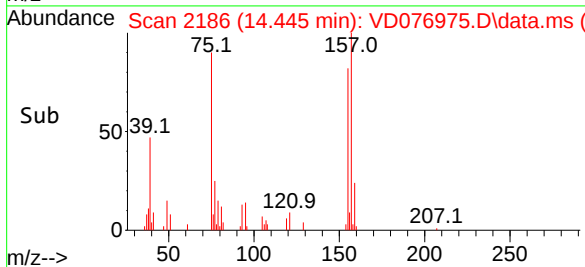
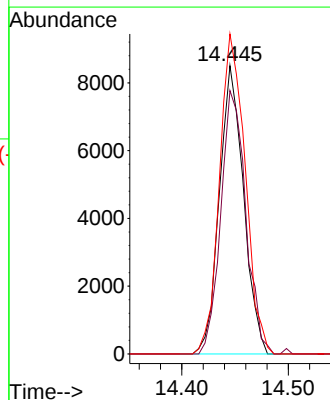
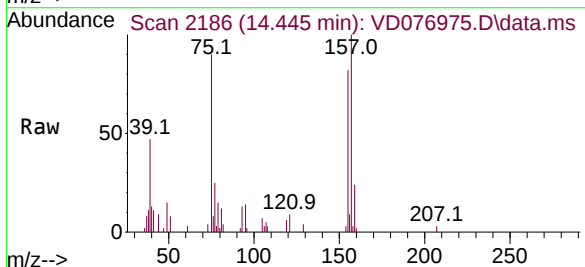
Tgt Ion: 75 Resp: 13370

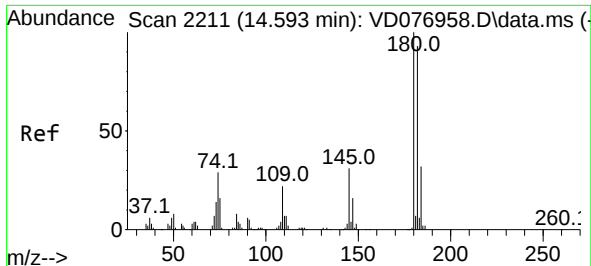
Ion Ratio Lower Upper

75 100

155 91.4 76.2 114.4

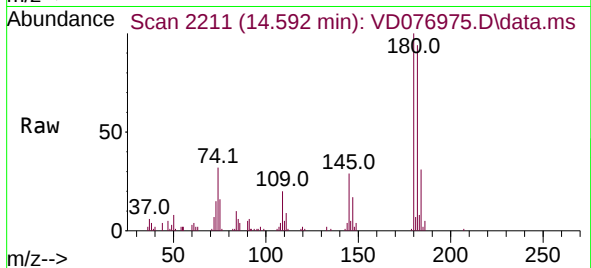
157 111.0 89.4 134.2



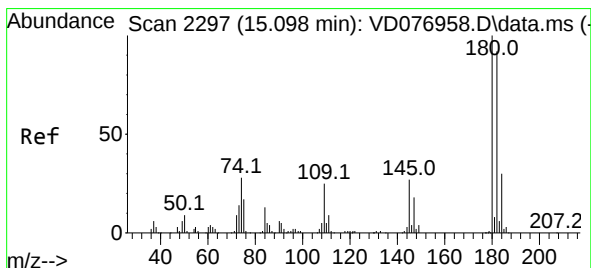
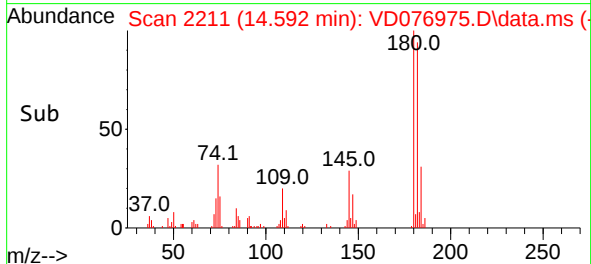
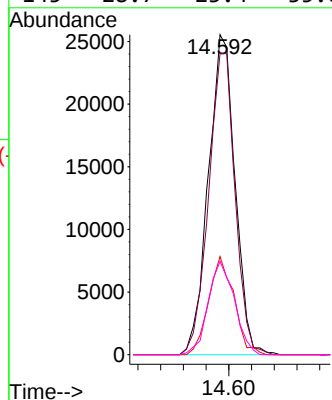


#69
 1,3,5-Trichlorobenzene
 Concen: 18.232 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076975.D
 Acq: 10 Aug 2023 21:09

Instrument :
 MSVOA_D
 ClientSampleId :

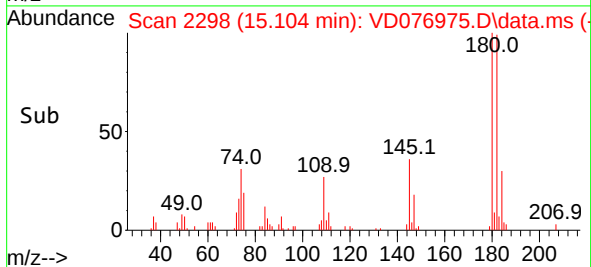
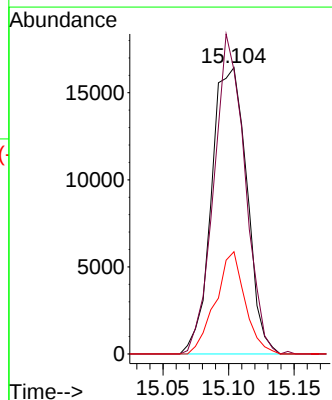
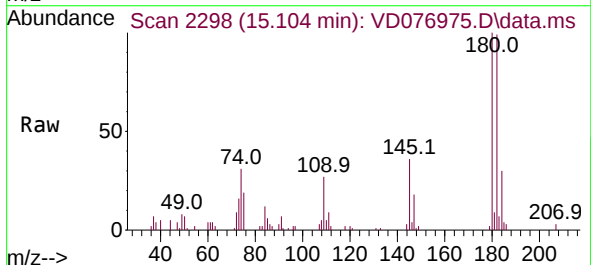


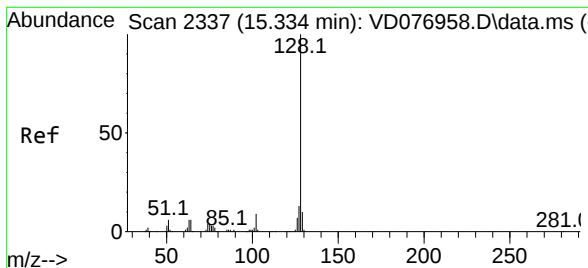
Tgt Ion:	180	Resp:	41739
Ion Ratio	Lower	Upper	
180	100		
182	93.2	77.1	115.7
184	29.0	25.0	37.4
145	28.7	23.4	35.0



#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 :

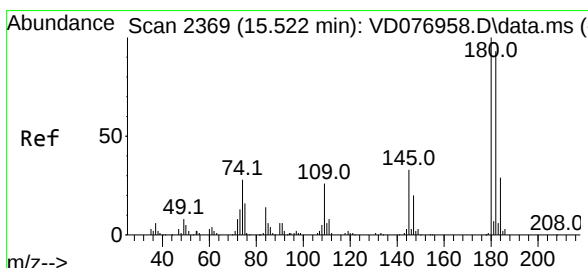
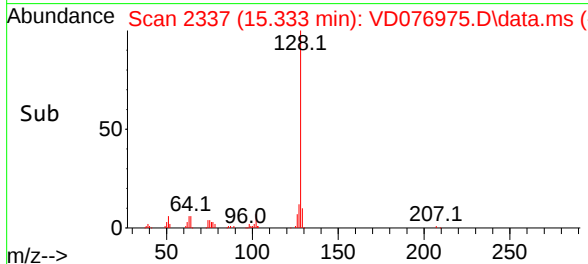
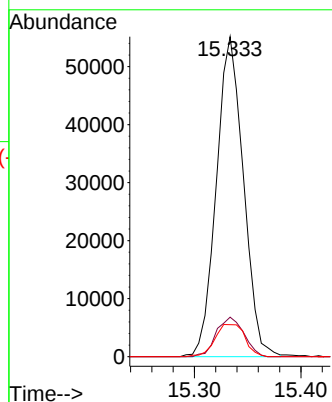
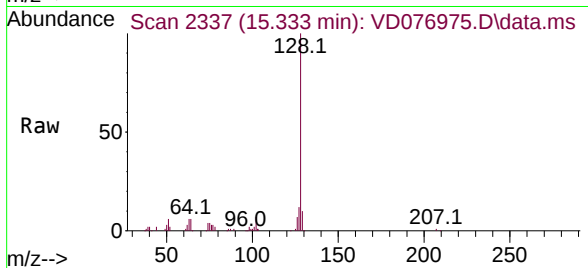
Tgt Ion:128 Resp: 97332

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

