

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076450.D
 Acq On : 15 Jun 2023 21:07
 Operator : KP/SY
 Sample : 03236-07MS
 Misc : 5.78G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 02:01:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	173497	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	153090	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	67696	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	107187	25.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.480%	
7) Chloroethane-d5	2.793	69	86929	25.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.760%	
11) 1,1-Dichloroethene-d2	3.916	65	15165	13.750	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 55.000%	
21) 2-Butanone-d5	7.052	46	1114	1.741	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	= 3.480%#	
24) Chloroform-d	7.563	84	117872	25.787	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.160%	
26) 1,2-Dichloroethane-d4	8.228	65	63641	28.223	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.880%	
32) Benzene-d6	8.199	84	246572	26.330	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.320%	
36) 1,2-Dichloropropane-d6	9.210	67	83181	27.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 111.320%	
41) Toluene-d8	10.269	98	223196	25.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.960%	
43) trans-1,3-Dichloroprop...	10.522	79	34507	27.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 111.000%	
47) 2-Hexanone-d5	10.875	63	27205	58.630	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 117.260%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	63097	29.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.680%	
66) 1,2-Dichlorobenzene-d4	13.816	152	67252	27.103	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	59205	21.899	ug/L	100
3) Chloromethane	2.146	50	110544	24.597	ug/L	95
5) Vinyl chloride	2.275	62	112540	23.212	ug/L	95
6) Bromomethane	2.687	94	52456	19.534	ug/L	100
8) Chloroethane	2.828	64	69052	23.251	ug/L	95
9) Trichlorofluoromethane	3.169	101	78066	22.269	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	47440	20.863	ug/L	100
12) 1,1-Dichloroethene	3.934	96	49144	21.825	ug/L	94
13) Acetone	4.028	43	27025	52.290	ug/L	99
14) Carbon disulfide	4.258	76	175535	21.506	ug/L	99
15) Methyl Acetate	4.563	43	32302	27.379	ug/L #	72
16) Methylene chloride	4.793	84	73293	24.305	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	56317	22.434	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	147605	25.827	ug/L #	74
19) 1,1-Dichloroethane	6.110	63	105336	22.951	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	65886	23.501	ug/L	96
22) 2-Butanone	7.081	43	41774	50.085	ug/L	95
23) Bromochloromethane	7.416	128	31803	26.728	ug/L	90
25) Chloroform	7.593	83	107144	23.921	ug/L	96

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 Response via : Initial Calibration

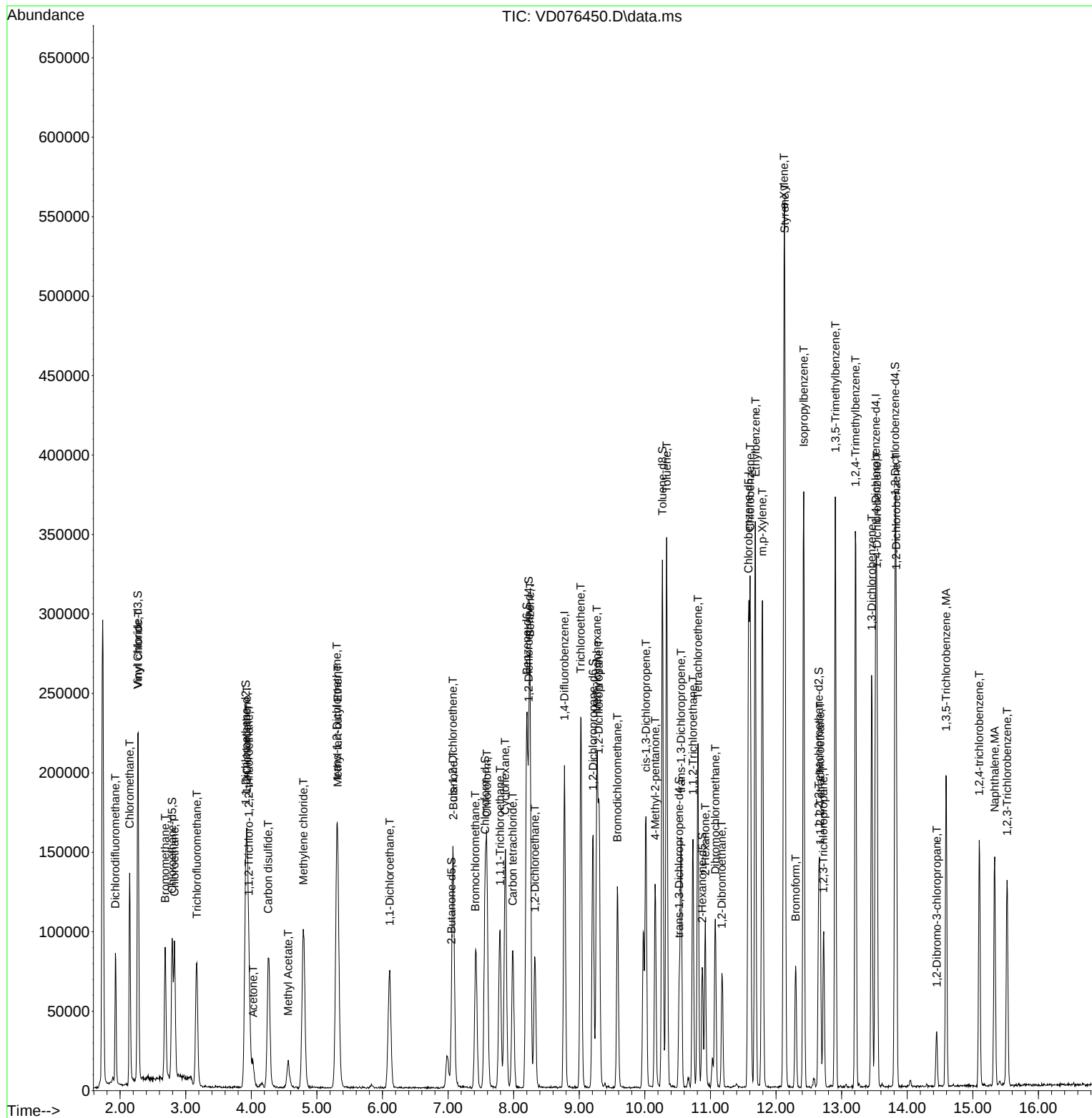
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	68709	24.944	ug/L	96
29) Cyclohexane	7.869	56	87603	21.519	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	79097	22.241	ug/L	99
31) Carbon tetrachloride	7.987	117	62661	22.031	ug/L	98
33) Benzene	8.252	78	237246	23.415	ug/L	100
34) Trichloroethene	9.022	95	82018	31.512	ug/L	93
35) Methylcyclohexane	9.269	83	84751	20.192	ug/L	98
37) 1,2-Dichloropropane	9.299	63	67755	24.528	ug/L	98
38) Bromodichloromethane	9.581	83	81389	25.833	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	103911	24.635	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	90629	52.739	ug/L	98
42) Toluene	10.334	91	251366	23.216	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	85429	24.917	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	49864	26.317	ug/L	97
46) Tetrachloroethene	10.810	164	47155	23.045	ug/L	91
48) 2-Hexanone	10.922	43	66817	56.773	ug/L	99
49) Dibromochloromethane	11.075	129	54830	25.464	ug/L	98
50) 1,2-Dibromoethane	11.175	107	47772	25.977	ug/L	87
51) Chlorobenzene	11.604	112	158629	23.466	ug/L	99
52) Ethylbenzene	11.687	91	261513	22.408	ug/L	98
53) m,p-Xylene	11.793	106	100768	21.971	ug/L	93
54) o-Xylene	12.122	106	101229	23.181	ug/L	100
55) Styrene	12.134	104	173633	23.014	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	56046	25.883	ug/L	98
59) Bromoform	12.298	173	34345	28.340	ug/L	100
60) Isopropylbenzene	12.422	105	247941	23.946	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	38292	29.146	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	195034	23.543	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	193360	23.653	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	103088	22.379	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	103965	22.390	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	98240	23.939	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	8005	27.341	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	59808	19.465	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	48626	17.787	ug/L	97
71) Naphthalene	15.333	128	121843	23.278	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	43704	18.409	ug/L	96

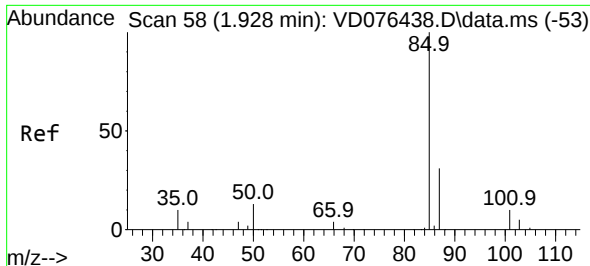
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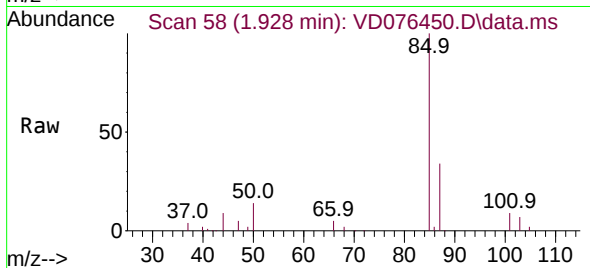
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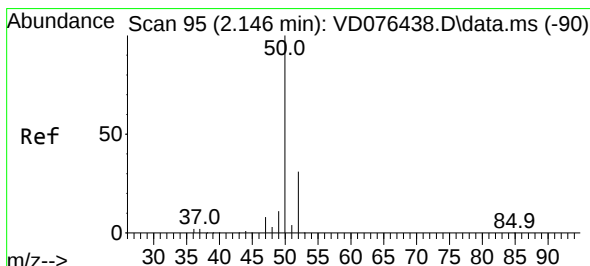
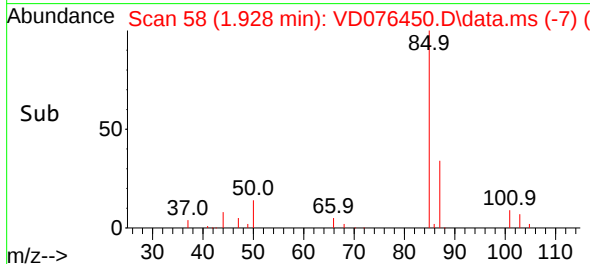
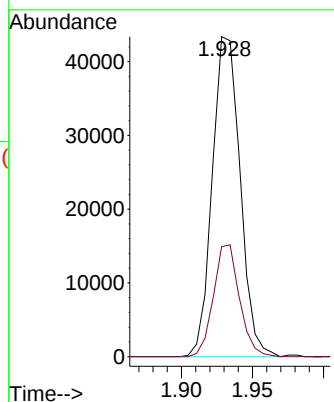


#2
 Dichlorodifluoromethane
 Concen: 21.899 ug/L
 RT: 1.928 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

Instrument :
 MSVOA_D
 ClientSampleId :

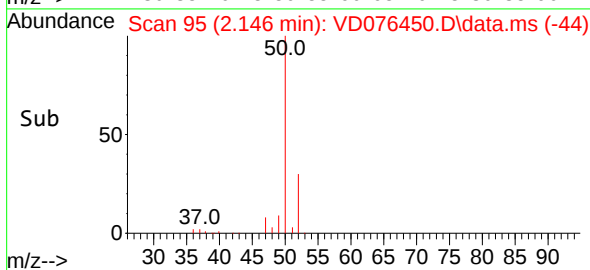
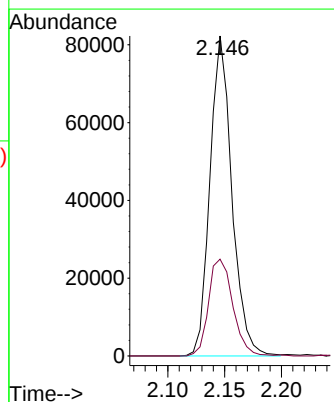
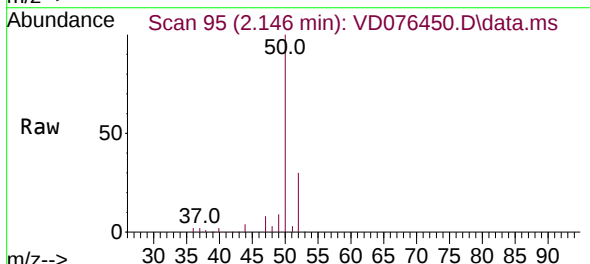


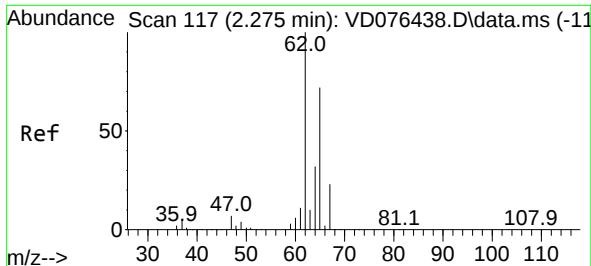
Tgt Ion: 85 Resp: 59205
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.3 39.5



#3
 Chloromethane
 Concen: 24.597 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

Tgt Ion: 50 Resp: 110544
 Ion Ratio Lower Upper
 50 100
 52 30.2 23.2 43.2

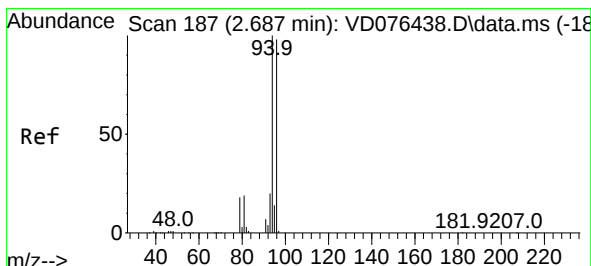
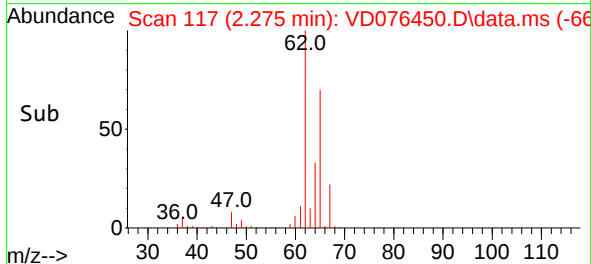
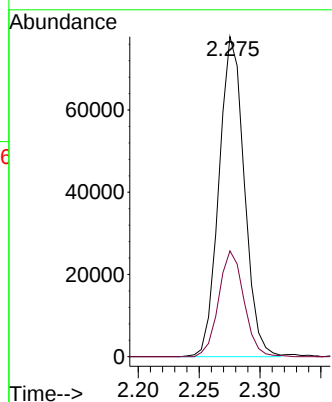
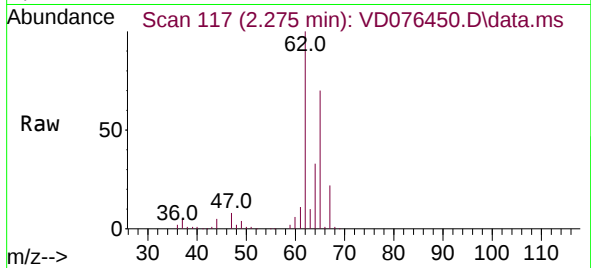




#5
 Vinyl chloride
 Concen: 23.212 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

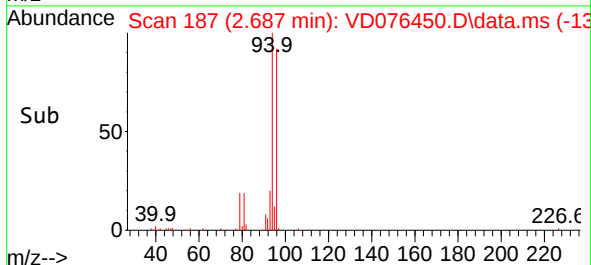
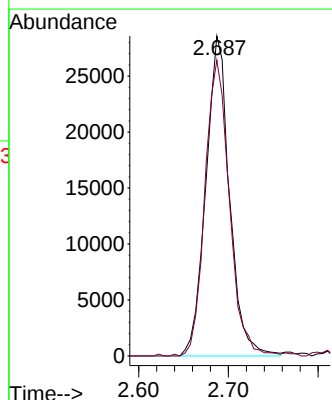
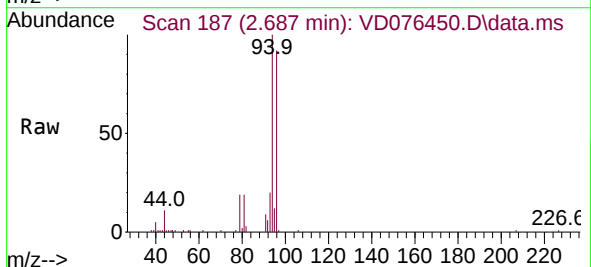
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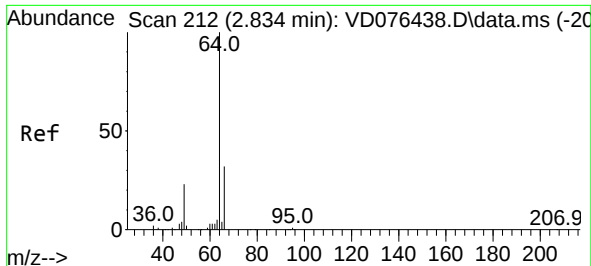
Tgt Ion: 62 Resp: 112540
 Ion Ratio Lower Upper
 62 100
 64 33.1 21.1 39.1



#6
 Bromomethane
 Concen: 19.534 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

Tgt Ion: 94 Resp: 52456
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.7 120.1

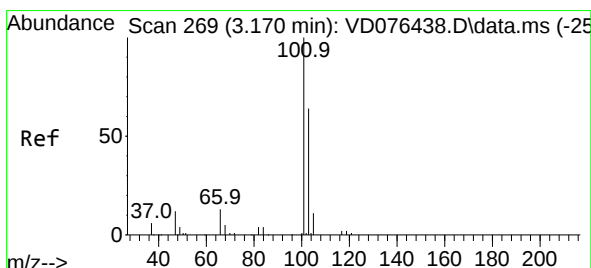
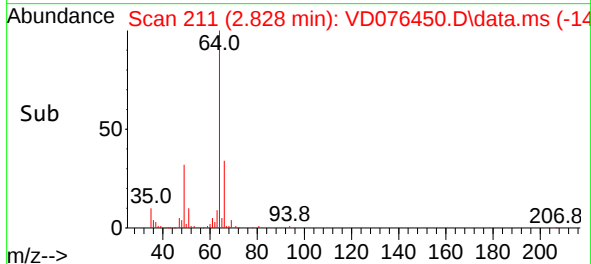
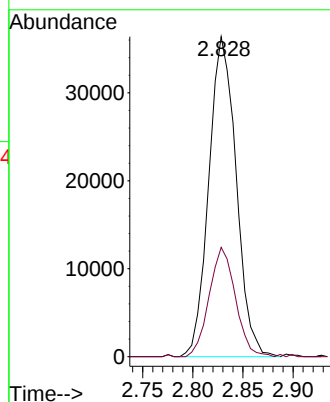
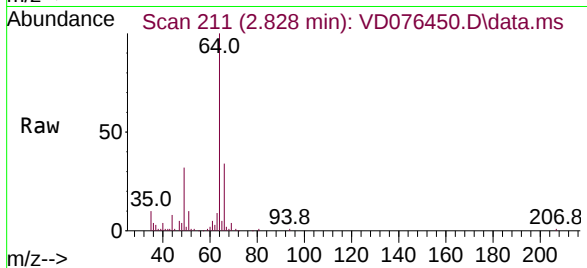




#8
Chloroethane
Concen: 23.251 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

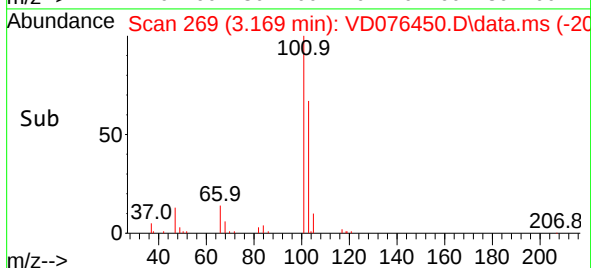
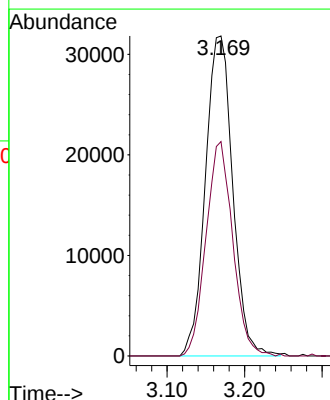
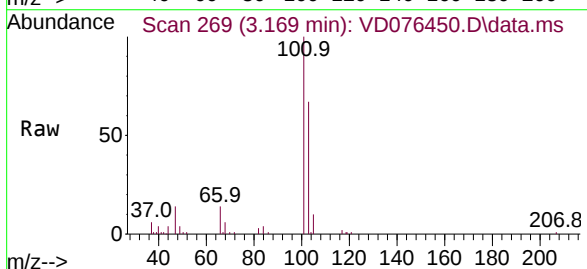
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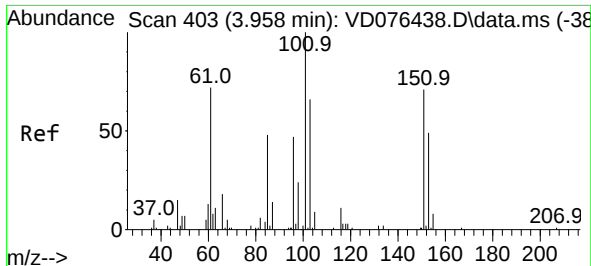
Tgt Ion: 64 Resp: 69052
Ion Ratio Lower Upper
64 100
66 34.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 22.269 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion:101 Resp: 78066
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 20.863 ug/L

RT: 3.963 min Scan# 403

Delta R.T. 0.006 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Instrument :

MSVOA_D

ClientSampleId :

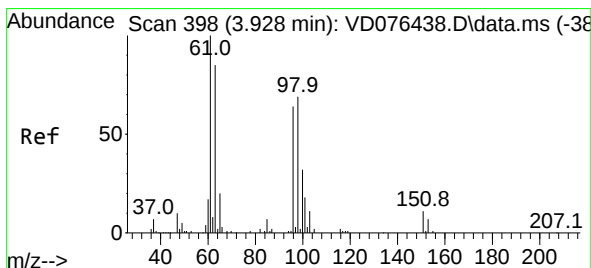
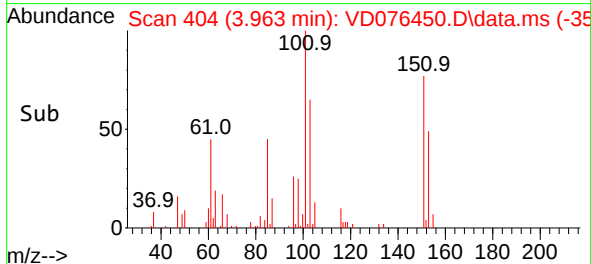
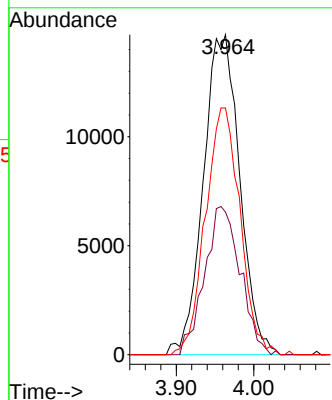
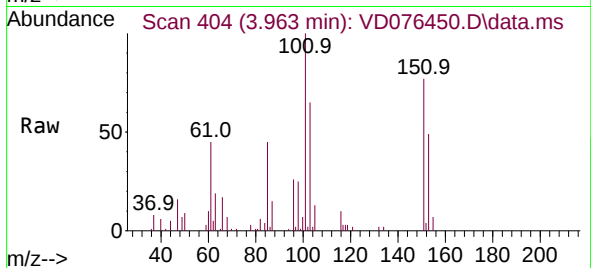
Tgt Ion:101 Resp: 47440

Ion Ratio Lower Upper

101 100

85 44.3 35.5 53.3

151 73.7 58.6 87.8



#12

1,1-Dichloroethene

Concen: 21.825 ug/L

RT: 3.934 min Scan# 399

Delta R.T. 0.006 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

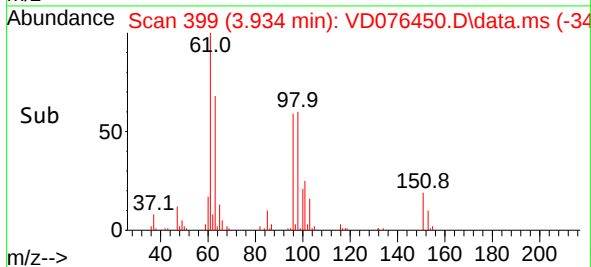
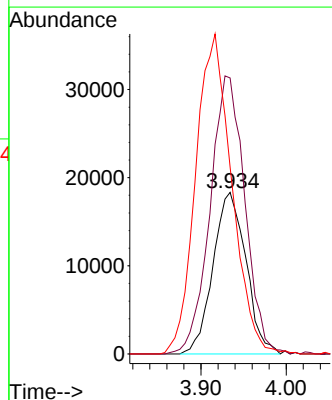
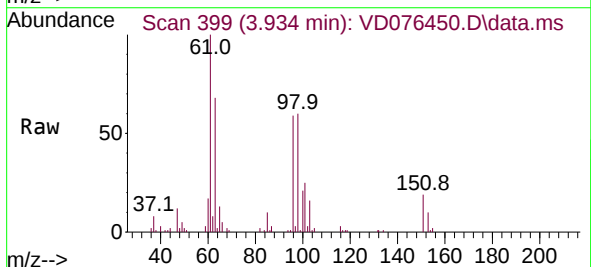
Tgt Ion: 96 Resp: 49144

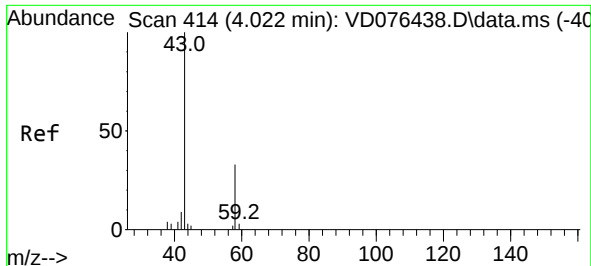
Ion Ratio Lower Upper

96 100

61 170.8 113.0 209.8

63 115.5 83.6 155.2





#13

Acetone

Concen: 52.290 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Instrument :

MSVOA_D

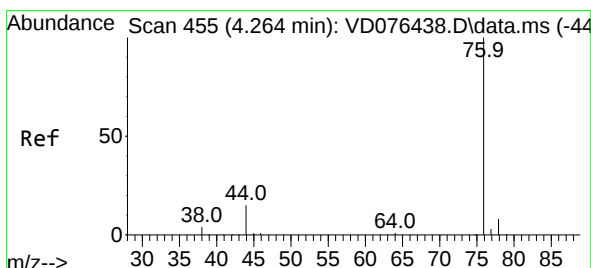
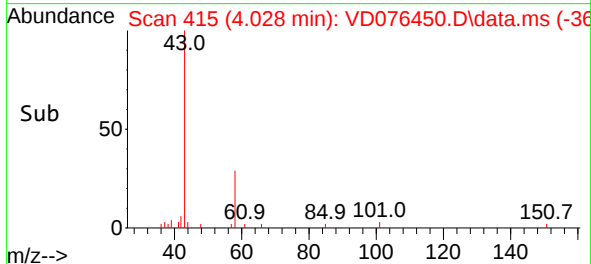
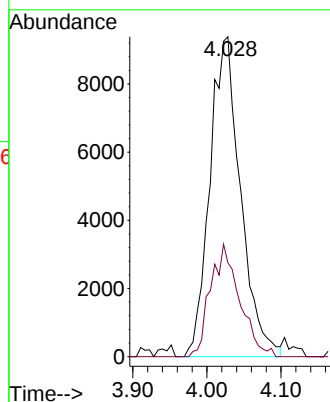
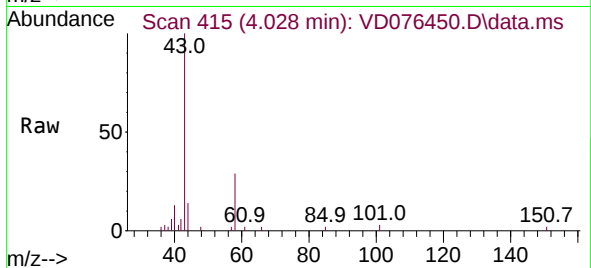
ClientSampleId :

Tgt Ion: 43 Resp: 27025

Ion Ratio Lower Upper

43 100

58 33.0 0.0 67.4



#14

Carbon disulfide

Concen: 21.506 ug/L

RT: 4.258 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD076450.D

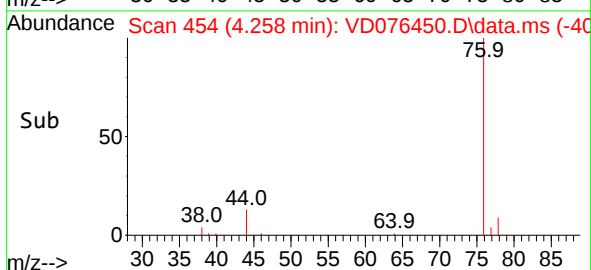
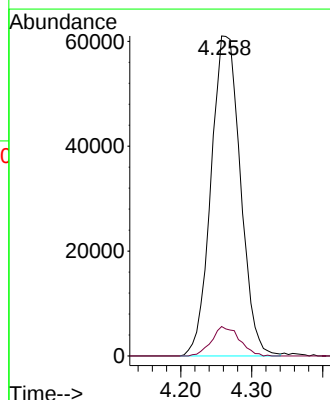
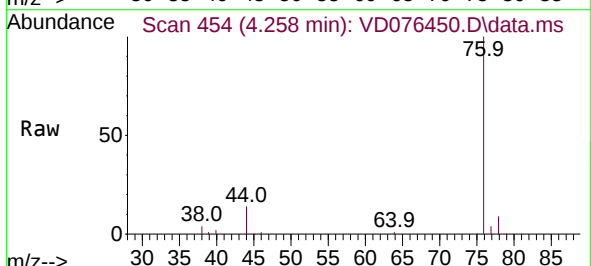
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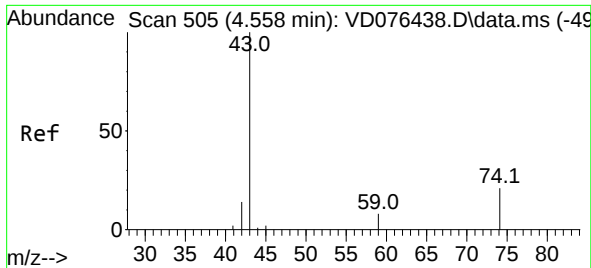
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Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

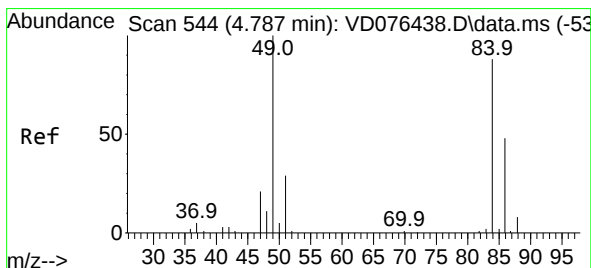
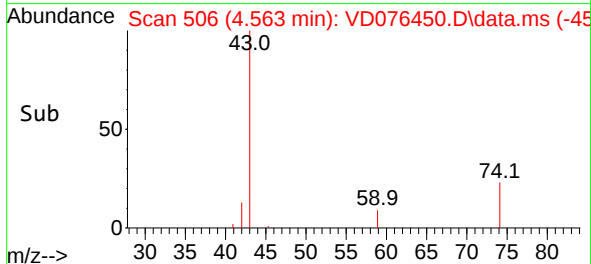
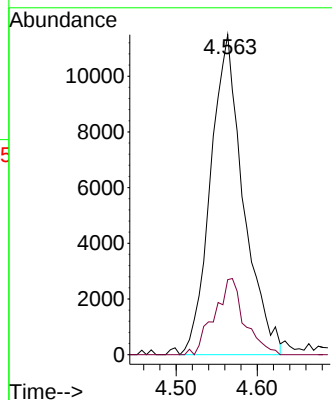
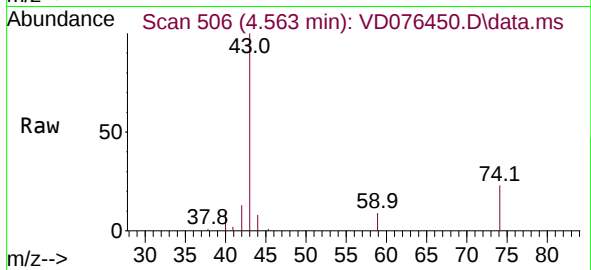




#15
Methyl Acetate
Concen: 27.379 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

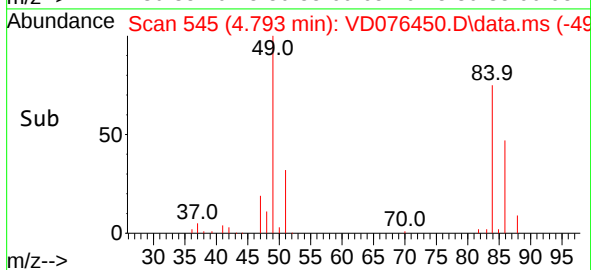
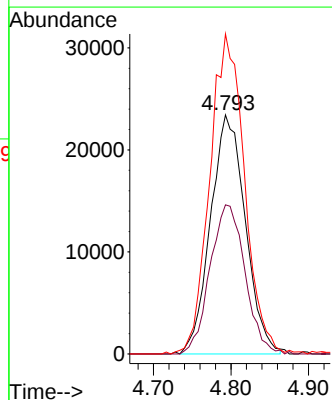
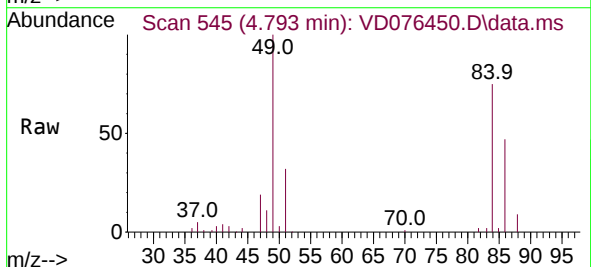
Instrument :
MSVOA_D
ClientSampleId :

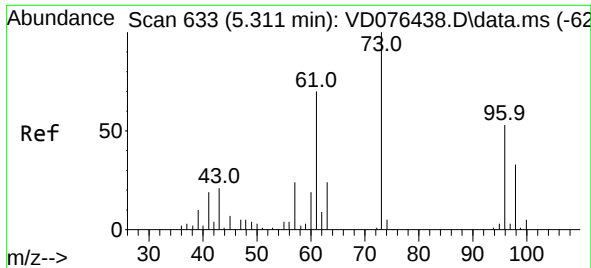
Tgt Ion: 43 Resp: 32302
Ion Ratio Lower Upper
43 100
74 9.3 18.2 27.2#



#16
Methylene chloride
Concen: 24.305 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

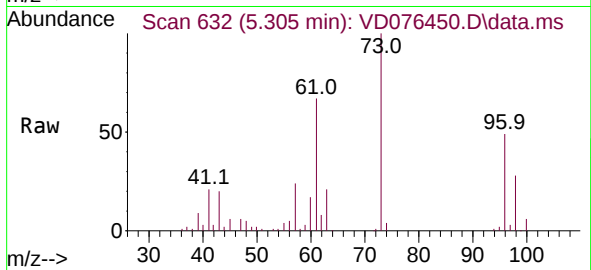
Tgt Ion: 84 Resp: 73293
Ion Ratio Lower Upper
84 100
86 62.4 45.1 83.9
49 133.8 97.2 180.6



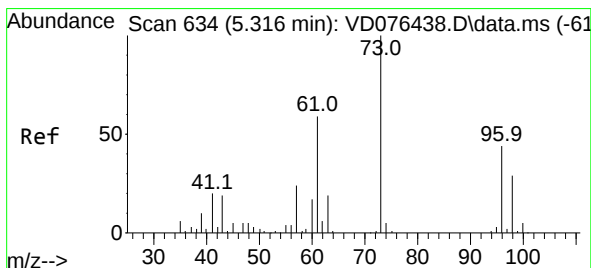
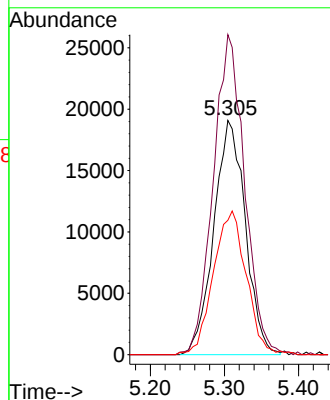
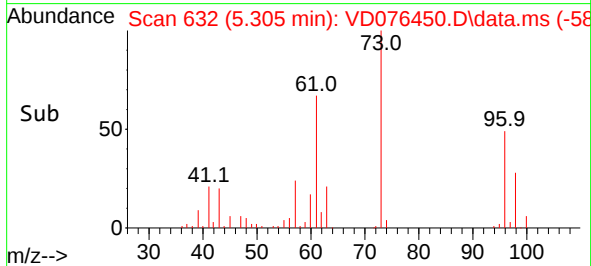


#17
trans-1,2-Dichloroethene
Concen: 22.434 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

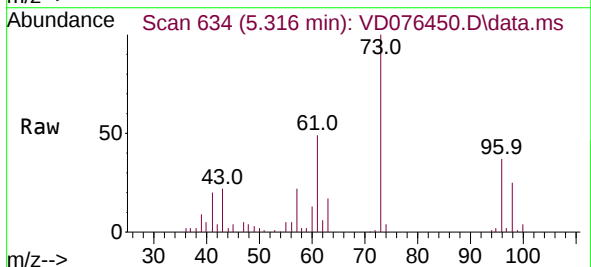
Instrument :
MSVOA_D
ClientSampleId :



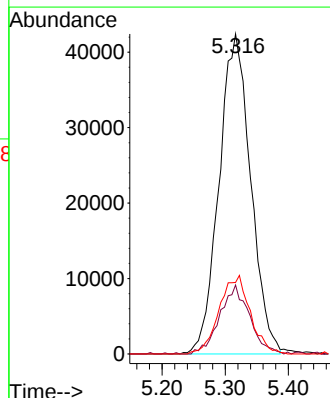
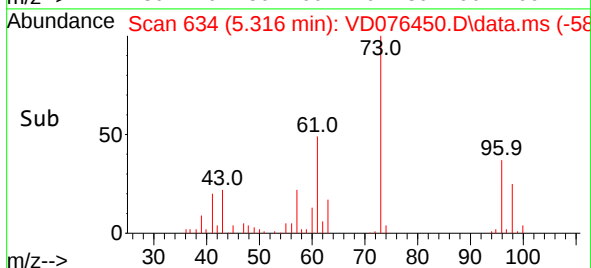
Tgt Ion: 96 Resp: 56317
Ion Ratio Lower Upper
96 100
61 136.6 94.5 175.5
98 57.4 46.0 85.4

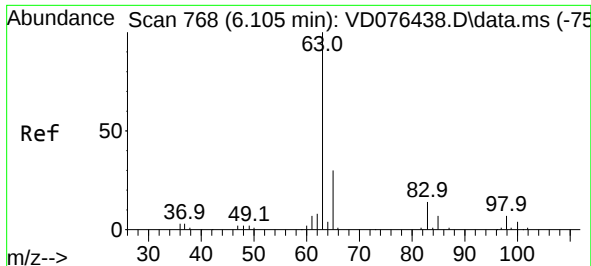


#18
Methyl tert-butyl Ether
Concen: 25.827 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07



Tgt Ion: 73 Resp: 147605
Ion Ratio Lower Upper
73 100
43 20.2 7.2 10.8#
57 11.4 18.6 28.0#





#19

1,1-Dichloroethane

Concen: 22.951 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Instrument :

MSVOA_D

ClientSampleId :

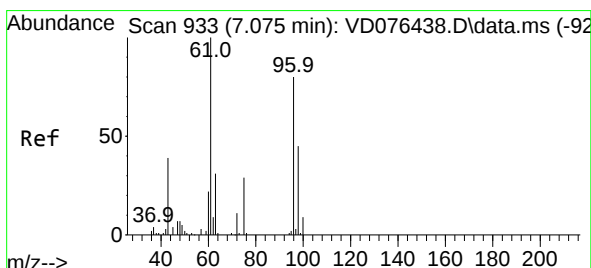
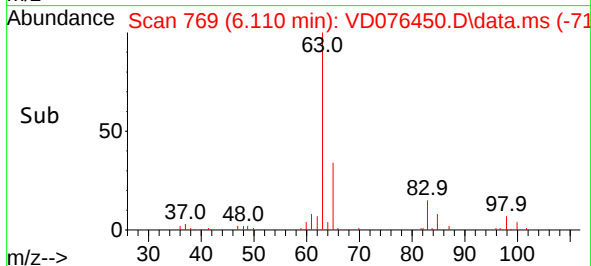
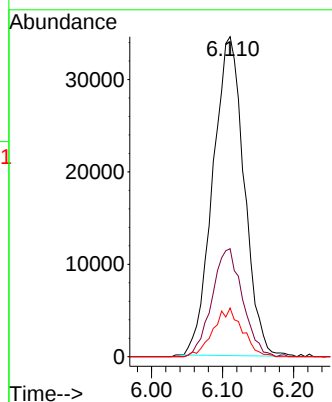
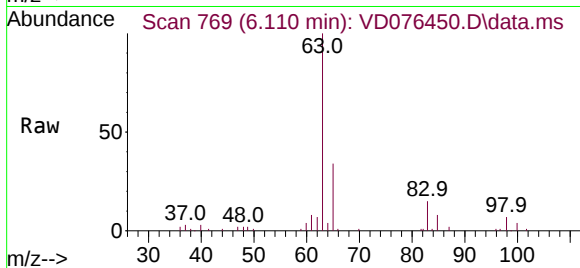
Tgt Ion: 63 Resp: 105336

Ion Ratio Lower Upper

63 100

65 33.8 20.8 38.6

83 15.2 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 23.501 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

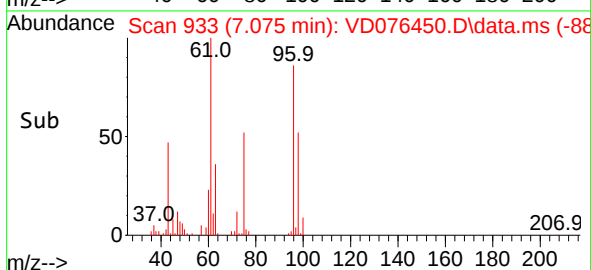
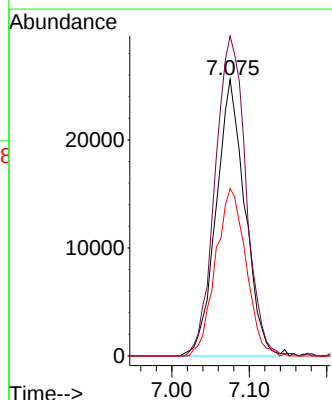
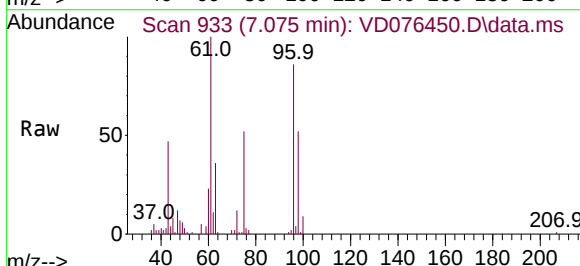
Tgt Ion: 96 Resp: 65886

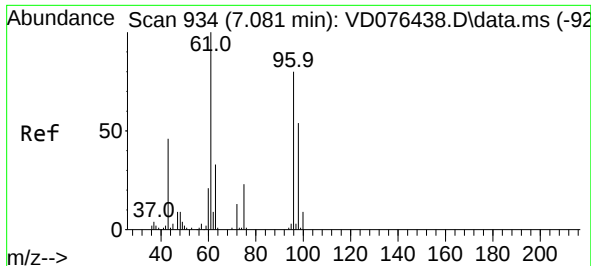
Ion Ratio Lower Upper

96 100

61 115.8 86.0 159.6

98 60.6 42.2 78.4

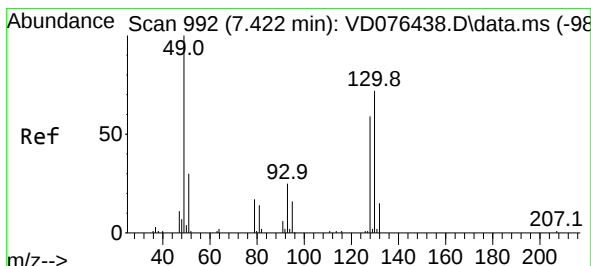
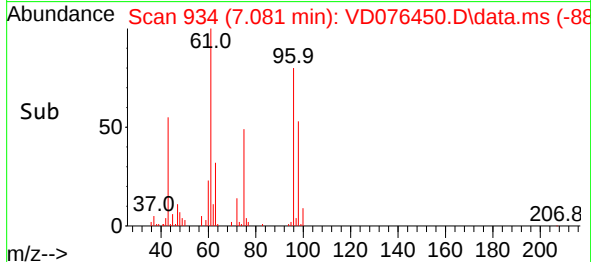
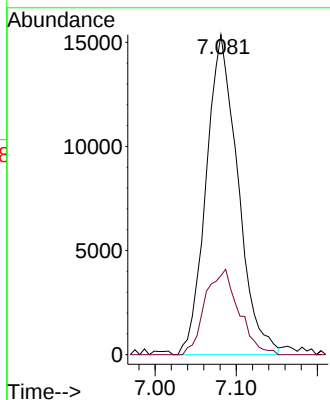
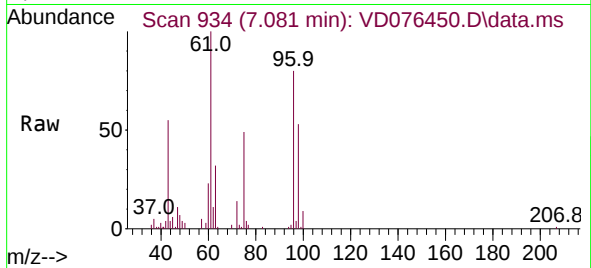




#22
2-Butanone
Concen: 50.085 ug/L
RT: 7.081 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

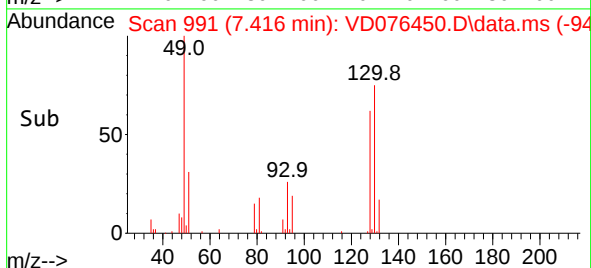
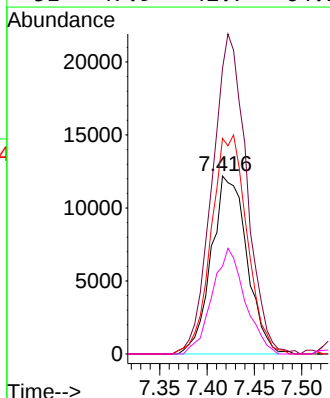
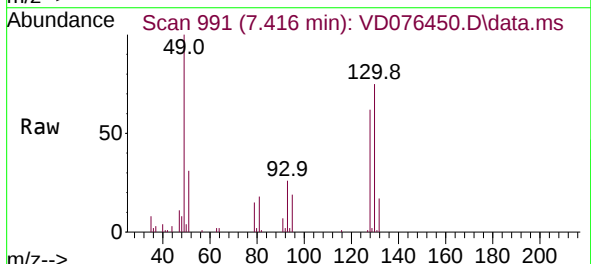
Instrument :
MSVOA_D
ClientSampleId :

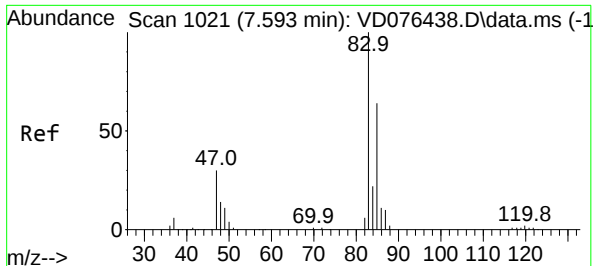
Tgt Ion: 43 Resp: 41774
Ion Ratio Lower Upper
43 100
72 28.1 12.9 38.7



#23
Bromochloromethane
Concen: 26.728 ug/L
RT: 7.416 min Scan# 991
Delta R.T. -0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion: 128 Resp: 31803
Ion Ratio Lower Upper
128 100
49 156.0 124.7 231.7
130 117.7 80.0 148.6
51 47.9 42.7 64.1





#25

Chloroform

Concen: 23.921 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Instrument :

MSVOA_D

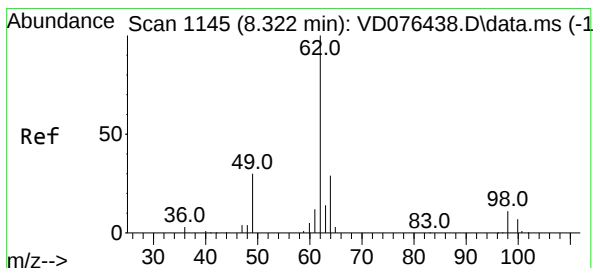
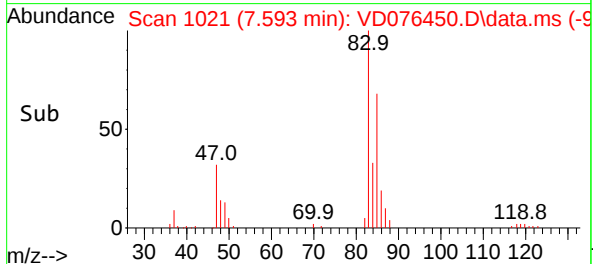
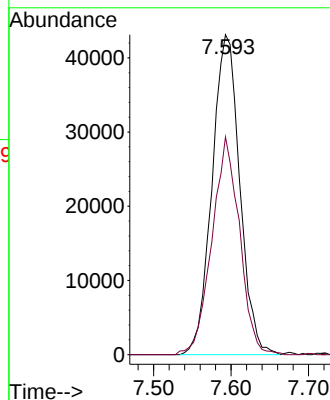
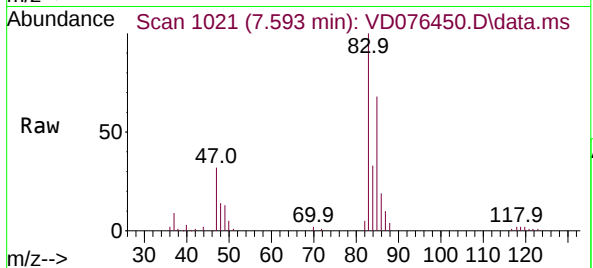
ClientSampleId :

Tgt Ion: 83 Resp: 107144

Ion Ratio Lower Upper

83 100

85 68.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 24.944 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076450.D

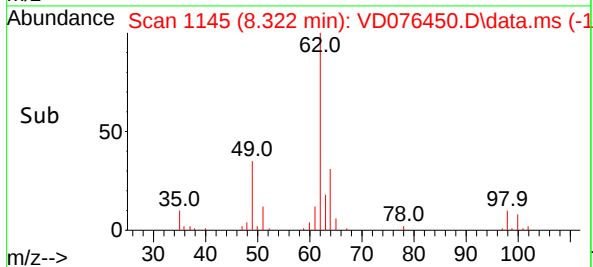
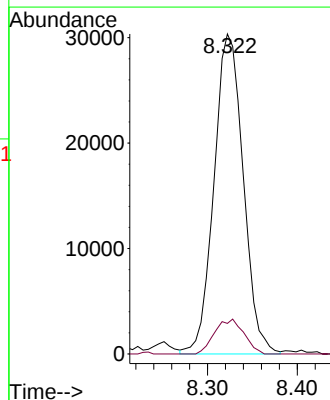
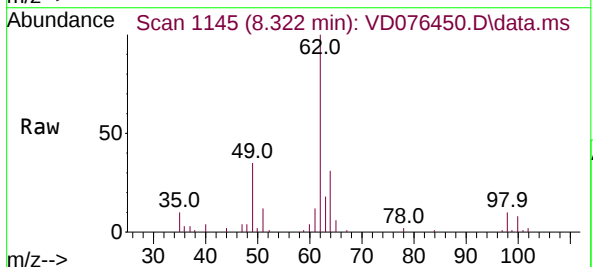
Acq: 15 Jun 2023 21:07

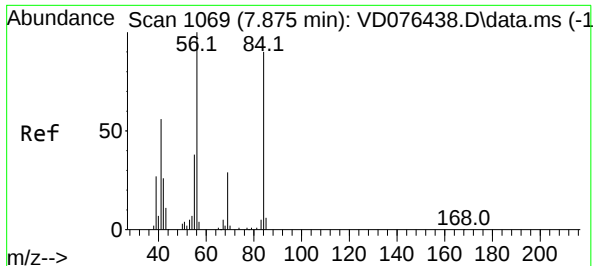
Tgt Ion: 62 Resp: 68709

Ion Ratio Lower Upper

62 100

98 9.6 8.7 13.1





#29

Cyclohexane

Concen: 21.519 ug/L

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

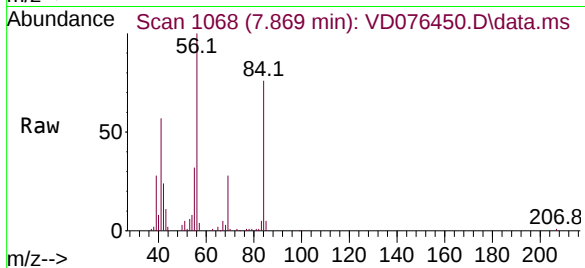
Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

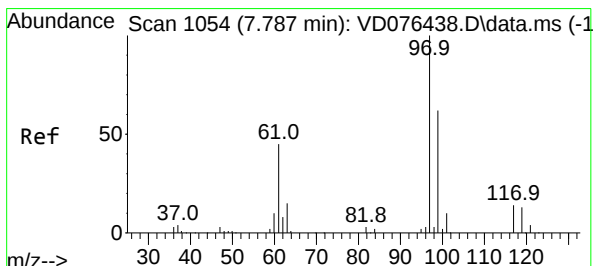
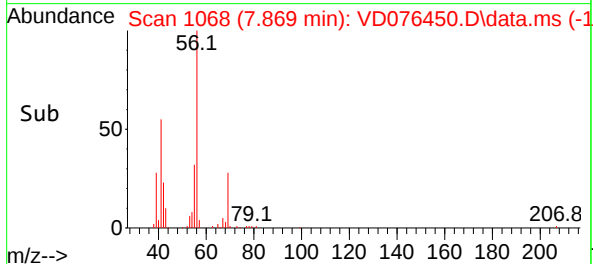
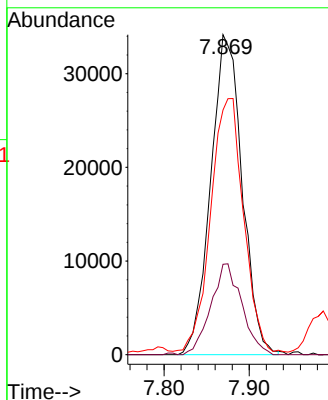
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	87603
Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.4	35.0
84	84.7	66.3	99.5



#30

1,1,1-Trichloroethane

Concen: 22.241 ug/L

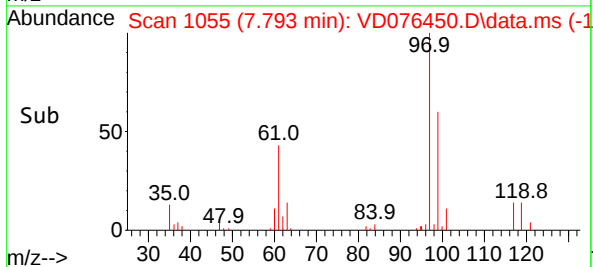
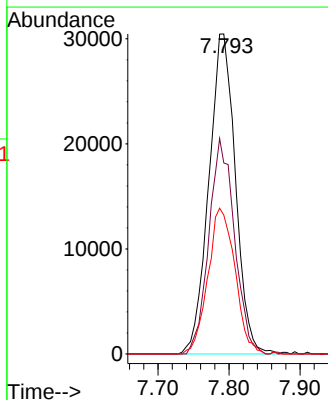
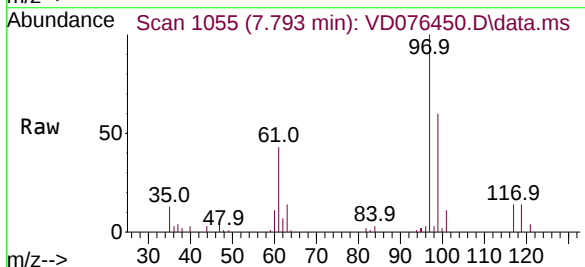
RT: 7.793 min Scan# 1055

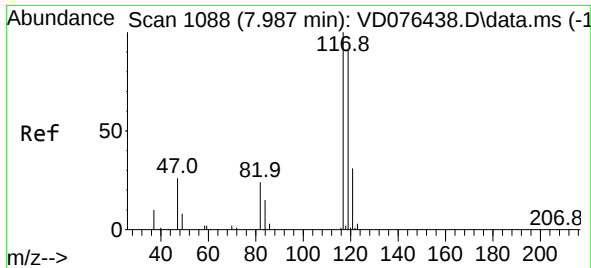
Delta R.T. 0.006 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

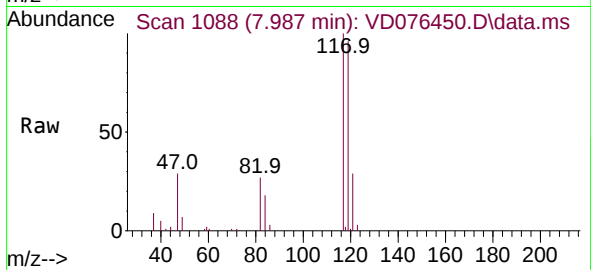
Tgt Ion:	97	Resp:	79097
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.6
61	46.4	36.4	54.6



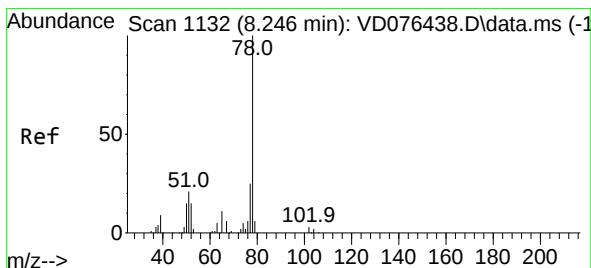
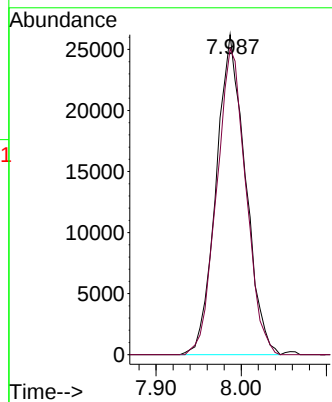
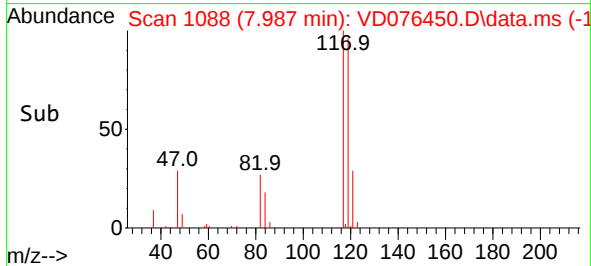


#31
Carbon tetrachloride
Concen: 22.031 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Instrument :
MSVOA_D
ClientSampleId :

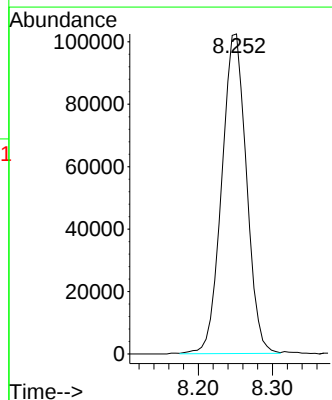
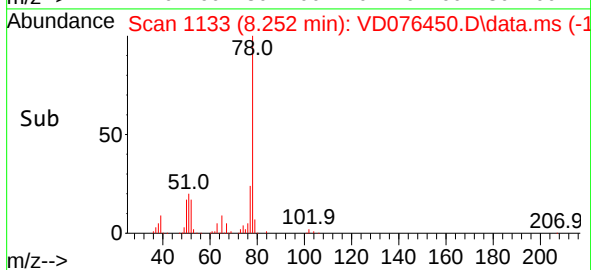
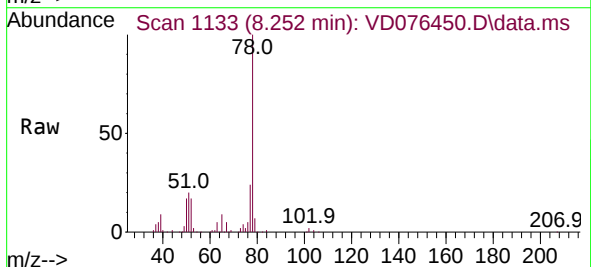


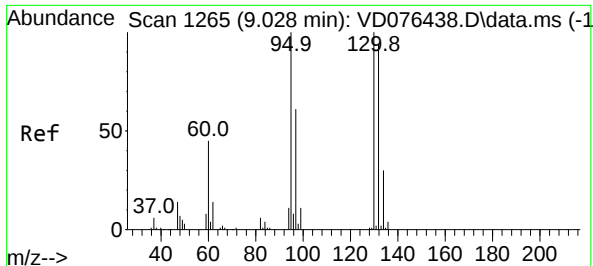
Tgt Ion:117 Resp: 62661
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6



#33
Benzene
Concen: 23.415 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion: 78 Resp: 237246

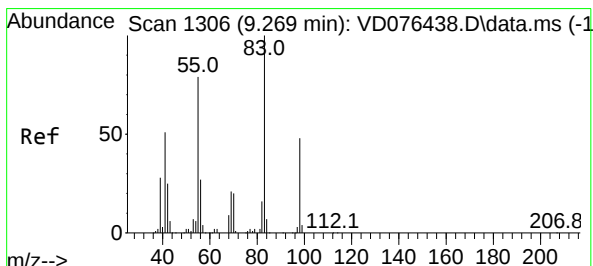
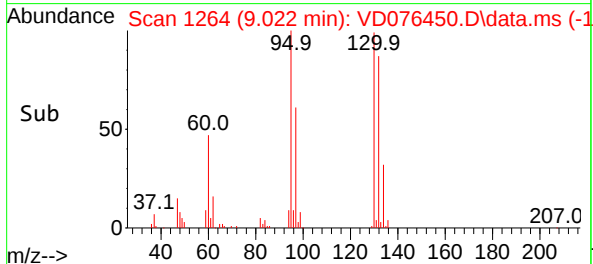
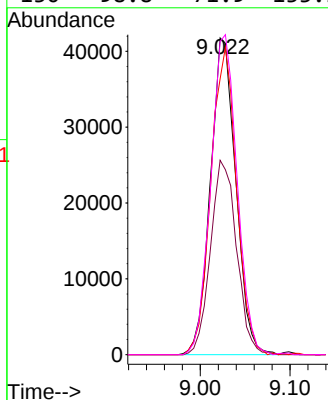
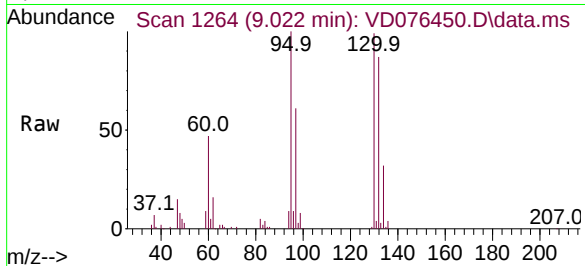




#34
Trichloroethene
Concen: 31.512 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

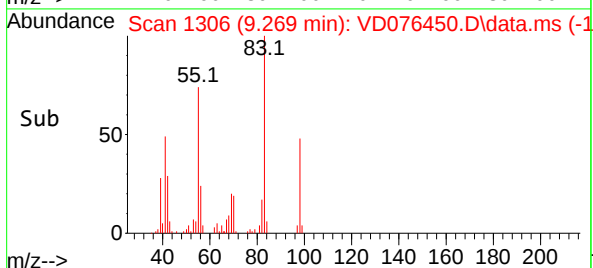
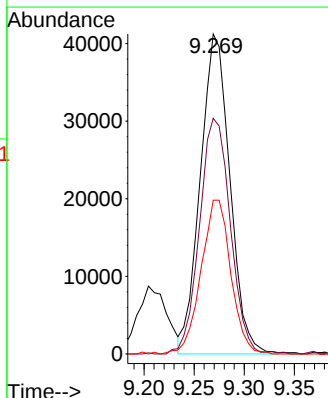
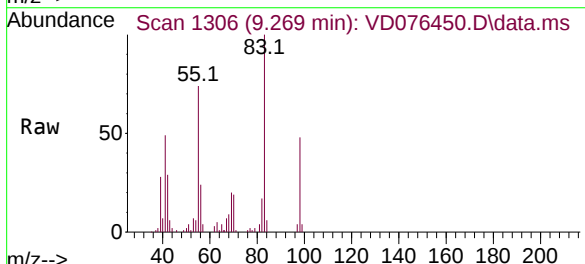
Instrument :
MSVOA_D
ClientSampleId :

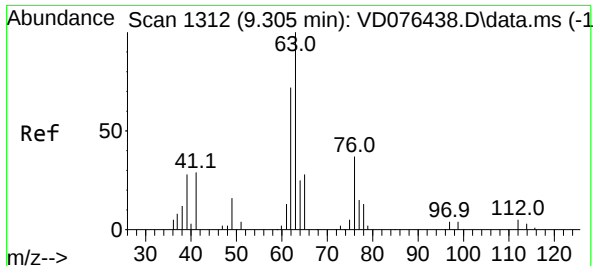
Tgt Ion:	95	Resp:	82018
Ion	Ratio	Lower	Upper
95	100		
97	61.3	43.1	80.1
132	87.1	71.8	133.4
130	98.8	71.9	133.5



#35
Methylcyclohexane
Concen: 20.192 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion:	83	Resp:	84751
Ion	Ratio	Lower	Upper
83	100		
55	76.4	59.8	89.6
98	48.3	37.8	56.6





#37

1,2-Dichloropropane

Concen: 24.528 ug/L

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Instrument :

MSVOA_D

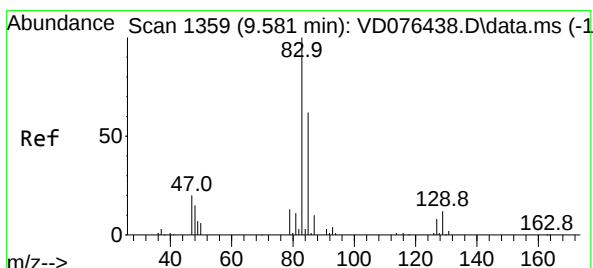
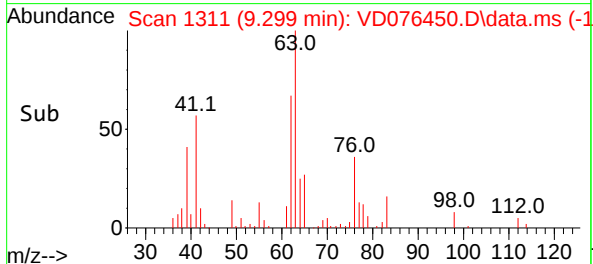
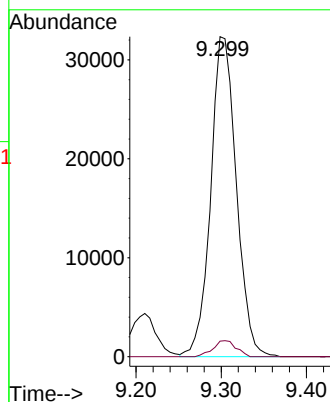
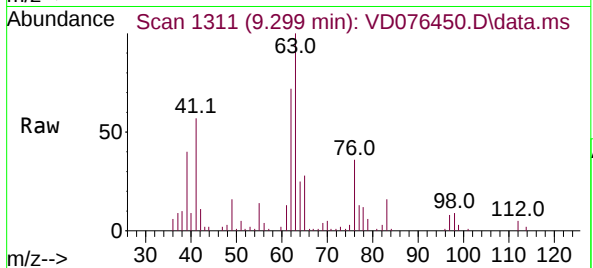
ClientSampleId :

Tgt Ion: 63 Resp: 67755

Ion Ratio Lower Upper

63 100

112 4.5 3.1 4.7



#38

Bromodichloromethane

Concen: 25.833 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

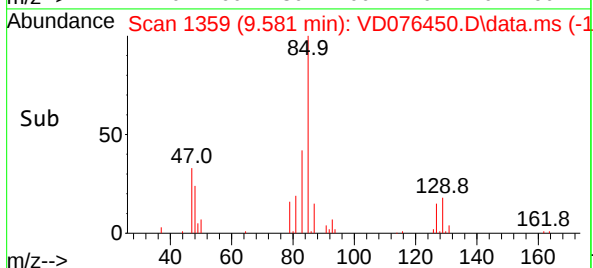
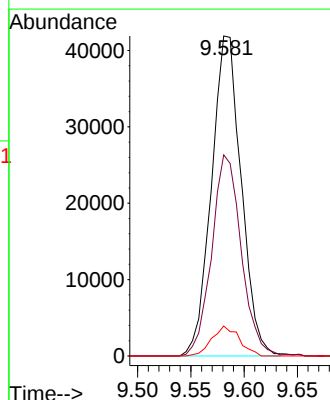
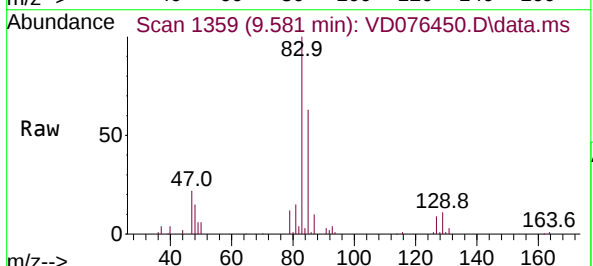
Tgt Ion: 83 Resp: 81389

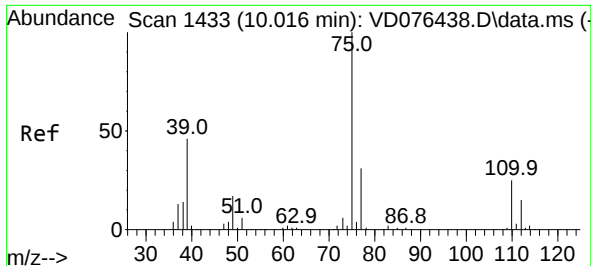
Ion Ratio Lower Upper

83 100

85 62.9 43.9 81.5

127 9.3 6.6 9.8

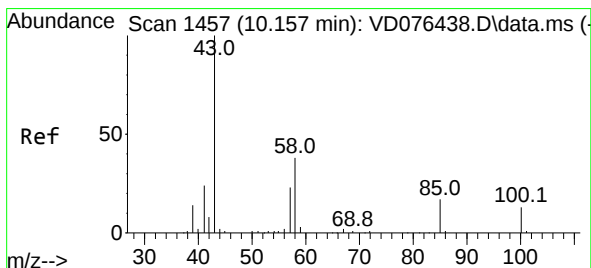
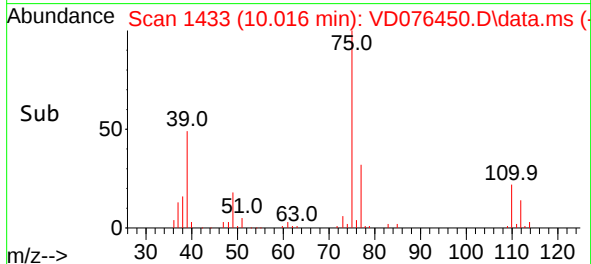
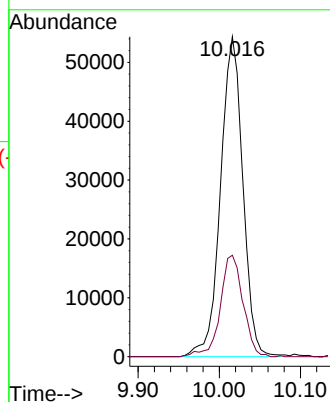
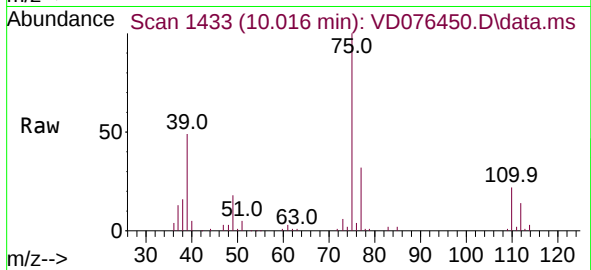




#39
 cis-1,3-Dichloropropene
 Concen: 24.635 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

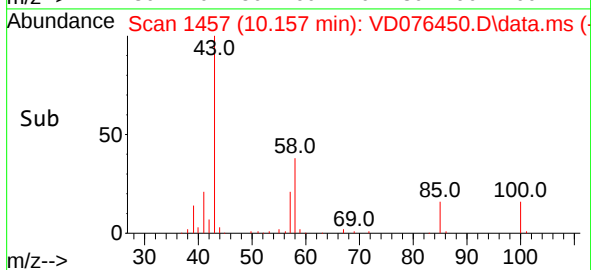
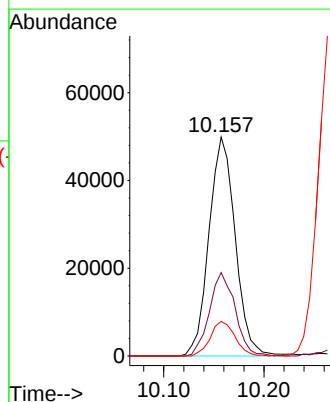
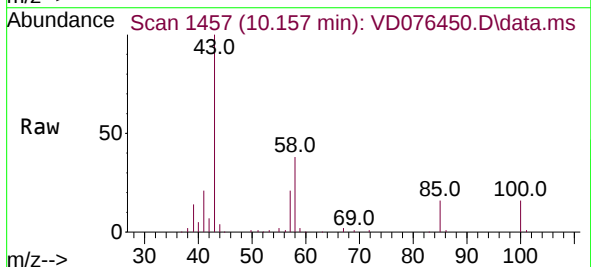
Instrument :
 MSVOA_D
 ClientSampleId :

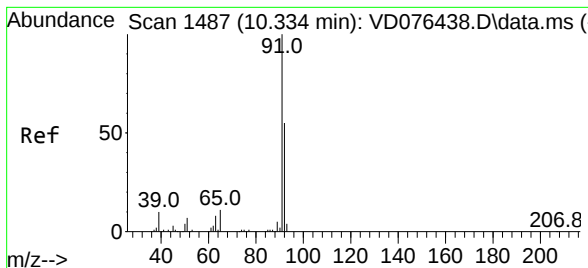
Tgt Ion: 75 Resp: 103911
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 52.739 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

Tgt Ion: 43 Resp: 90629
 Ion Ratio Lower Upper
 43 100
 58 37.1 30.7 46.1
 100 14.9 11.0 16.4





#42

Toluene

Concen: 23.216 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Instrument :

MSVOA_D

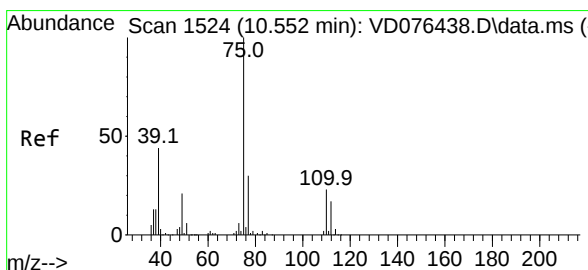
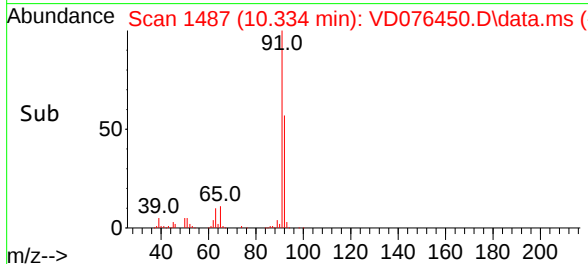
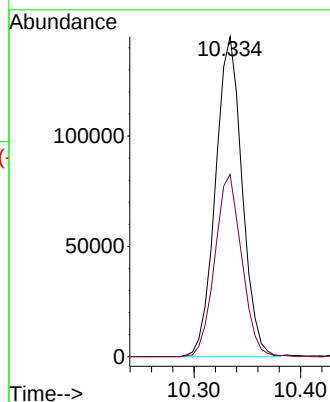
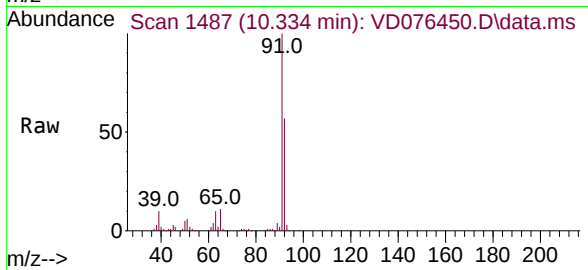
ClientSampleId :

Tgt Ion: 91 Resp: 251366

Ion Ratio Lower Upper

91 100

92 56.9 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 24.917 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD076450.D

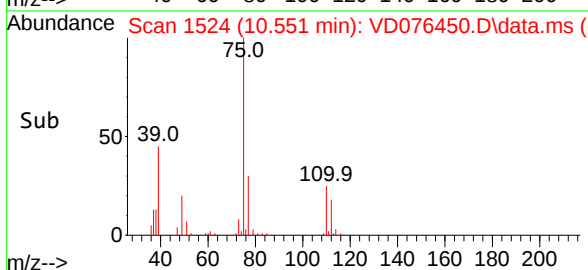
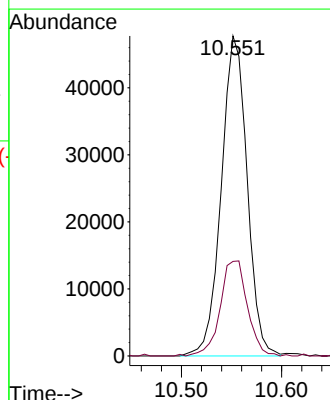
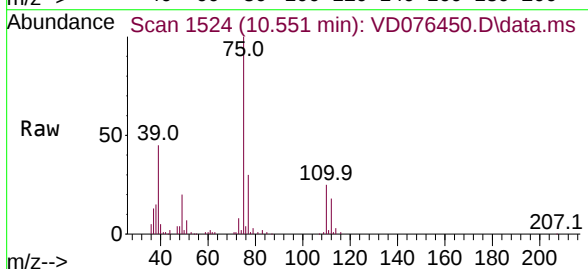
Acq: 15 Jun 2023 21:07

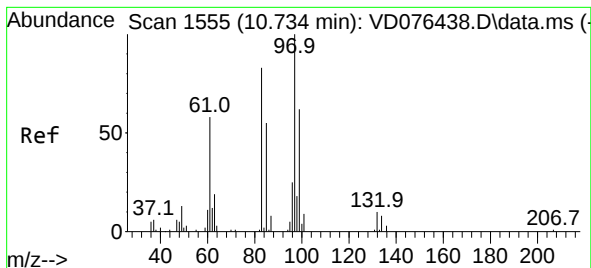
Tgt Ion: 75 Resp: 85429

Ion Ratio Lower Upper

75 100

77 29.6 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 26.317 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

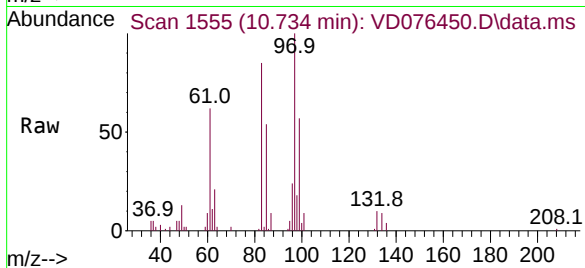
Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 49864

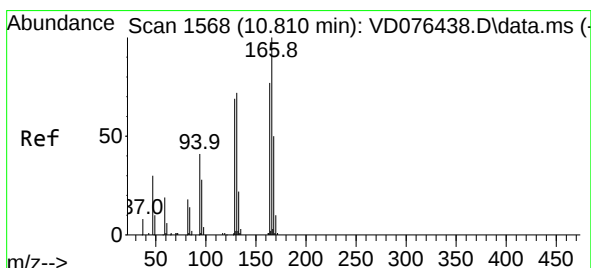
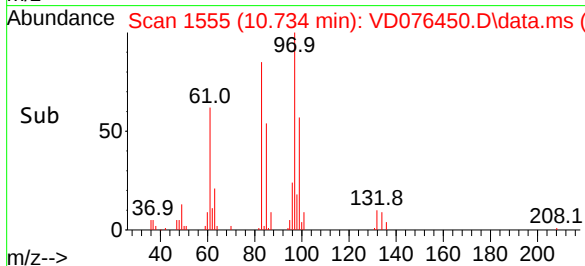
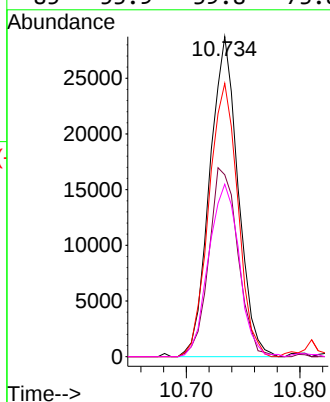
Ion Ratio Lower Upper

97 100

99 56.9 41.9 77.9

83 85.4 59.2 110.0

85 53.9 39.8 73.8



#46

Tetrachloroethene

Concen: 23.045 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Tgt Ion:164 Resp: 47155

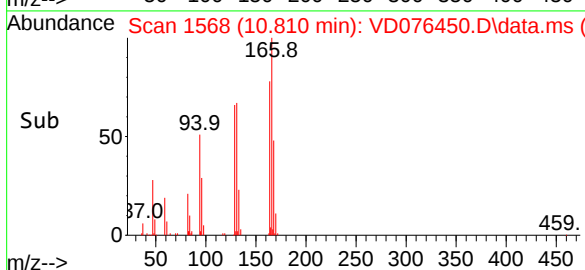
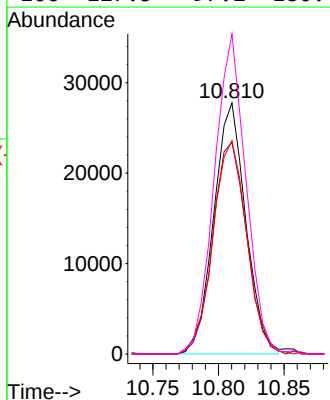
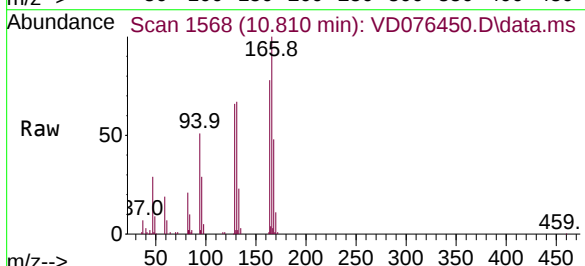
Ion Ratio Lower Upper

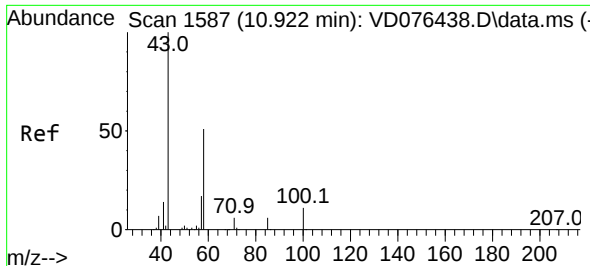
164 100

129 84.2 65.5 121.6

131 84.9 64.8 120.3

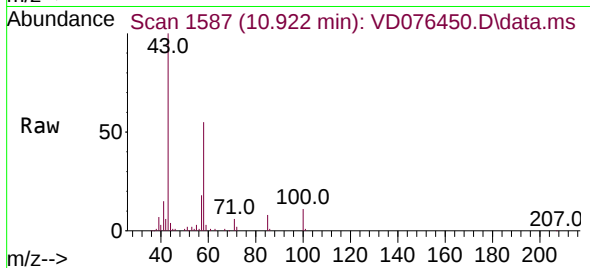
166 127.5 97.2 180.4



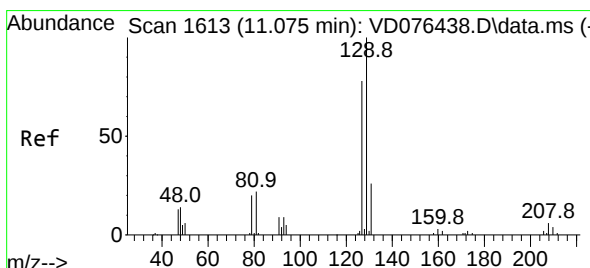
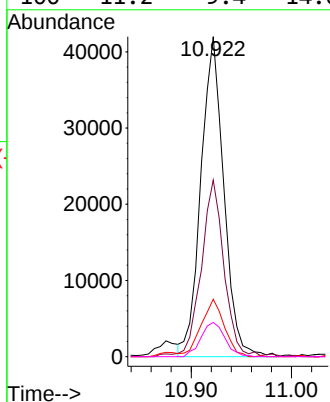
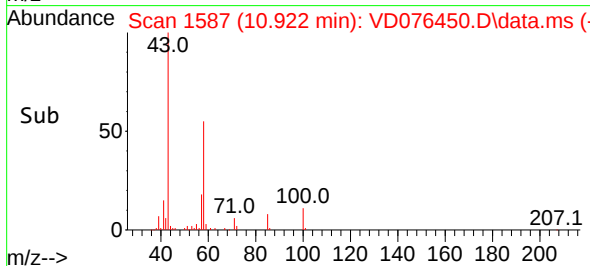


#48
2-Hexanone
Concen: 56.773 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Instrument :
MSVOA_D
ClientSampleId :

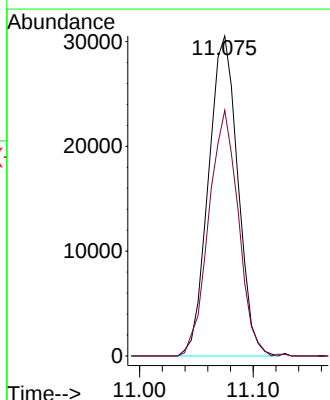
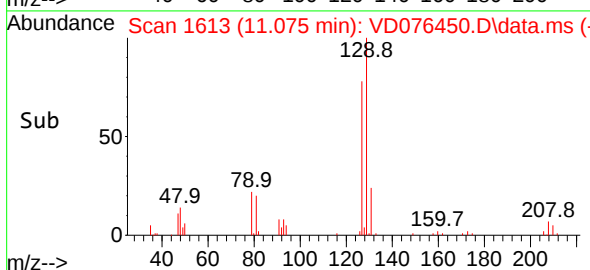
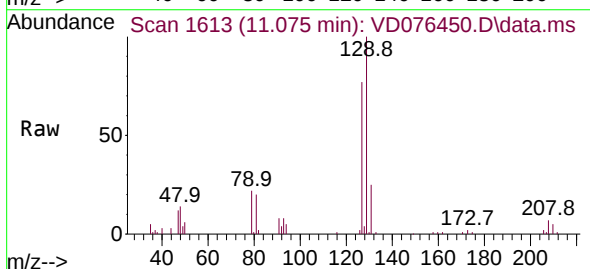


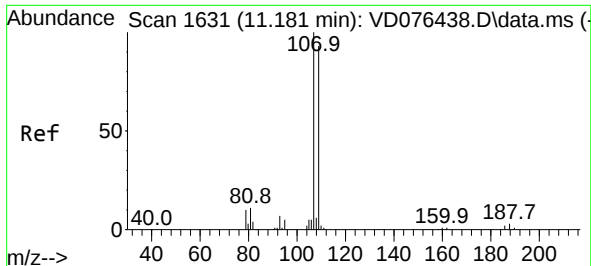
Tgt Ion: 43 Resp: 66817
Ion Ratio Lower Upper
43 100
58 53.7 42.9 64.3
57 18.1 13.7 20.5
100 11.2 9.4 14.0



#49
Dibromochloromethane
Concen: 25.464 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion: 129 Resp: 54830
Ion Ratio Lower Upper
129 100
127 76.7 55.2 102.6

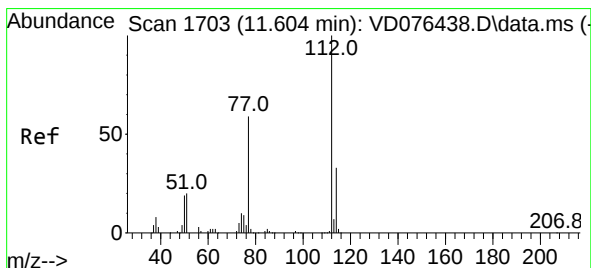
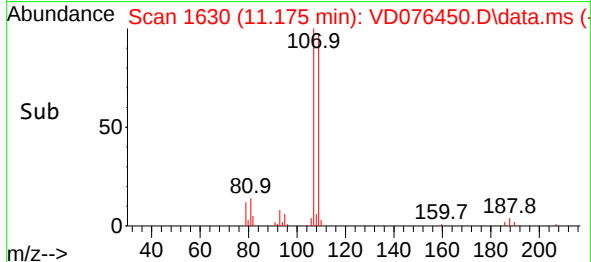
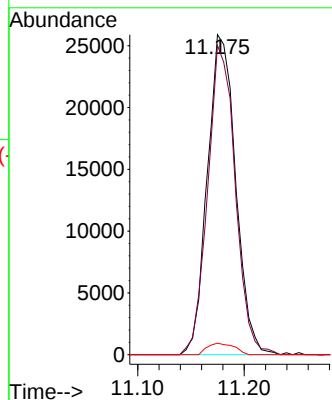
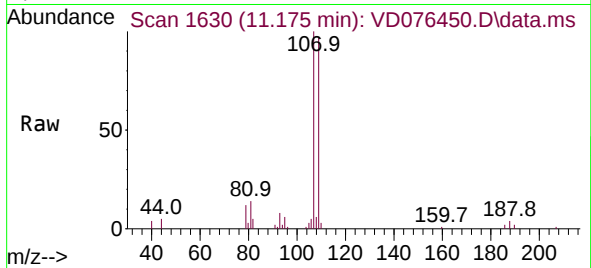




#50
1,2-Dibromoethane
Concen: 25.977 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

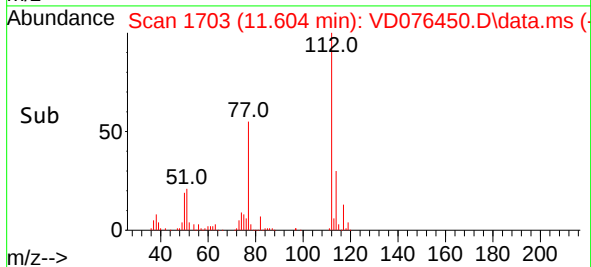
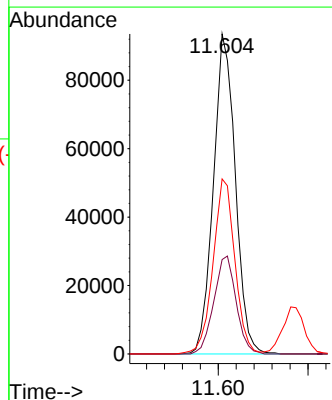
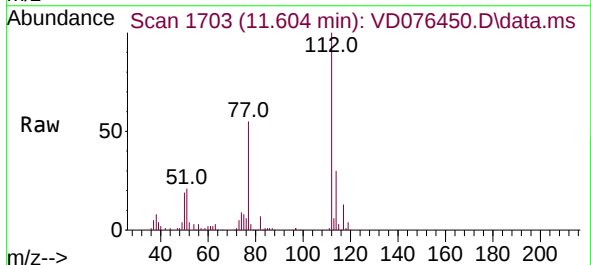
Instrument :
MSVOA_D
ClientSampleId :

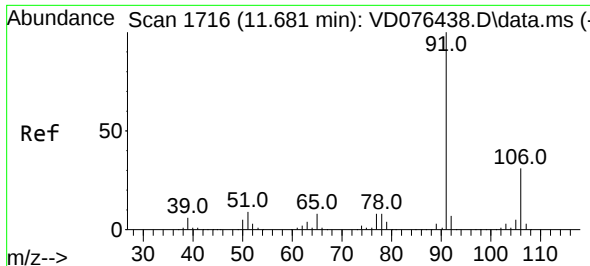
Tgt Ion:107 Resp: 47772
Ion Ratio Lower Upper
107 100
109 96.6 58.8 109.2
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 23.466 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion:112 Resp: 158629
Ion Ratio Lower Upper
112 100
114 29.5 21.5 39.9
77 54.7 43.4 65.2

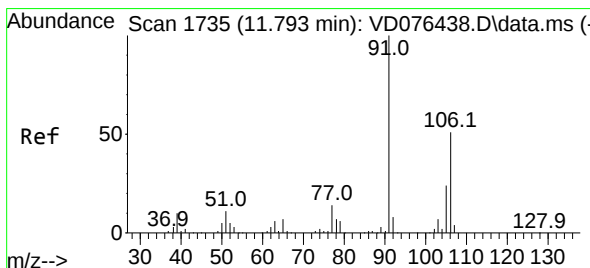
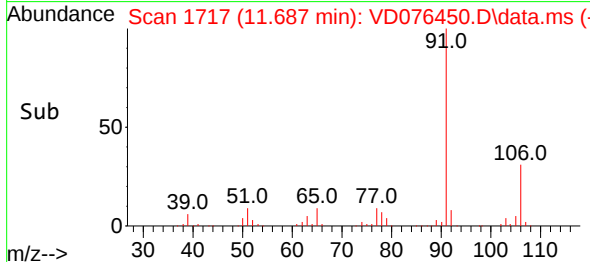
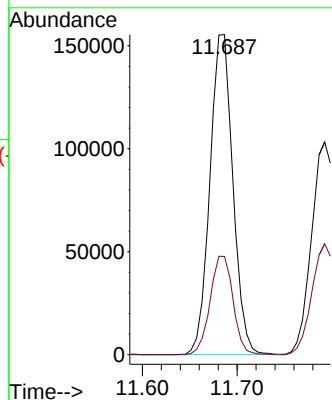
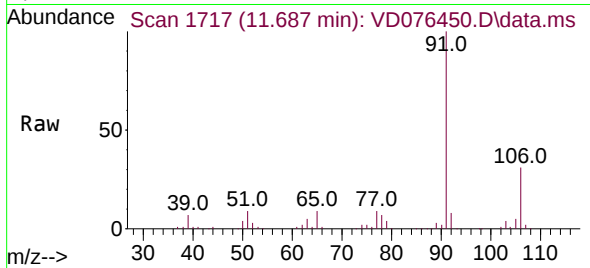




#52
Ethylbenzene
Concen: 22.408 ug/L
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

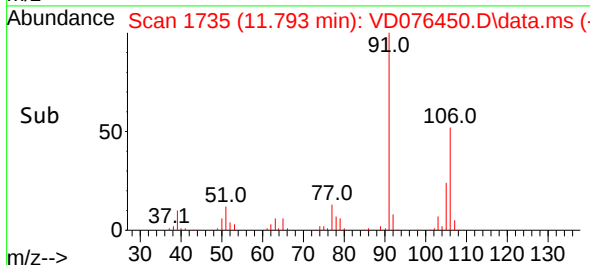
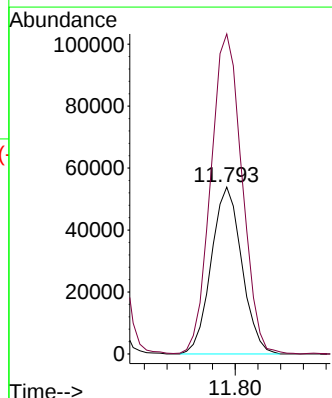
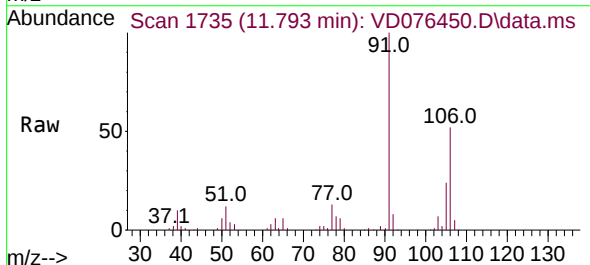
Instrument :
MSVOA_D
ClientSampleId :

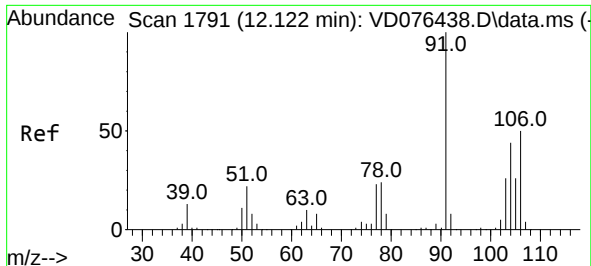
Tgt Ion: 91 Resp: 261513
Ion Ratio Lower Upper
91 100
106 30.7 22.4 41.6



#53
m,p-Xylene
Concen: 21.971 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion: 106 Resp: 100768
Ion Ratio Lower Upper
106 100
91 191.7 141.5 262.9

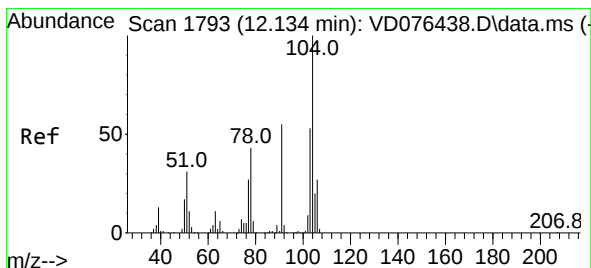
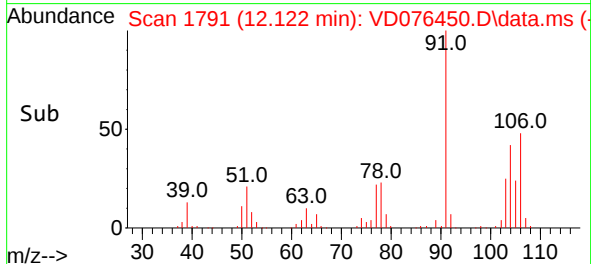
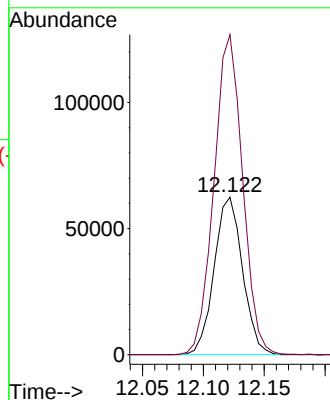
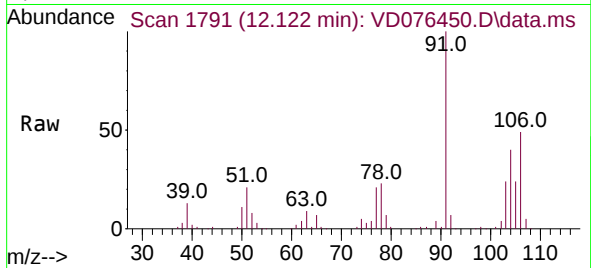




#54
o-Xylene
Concen: 23.181 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

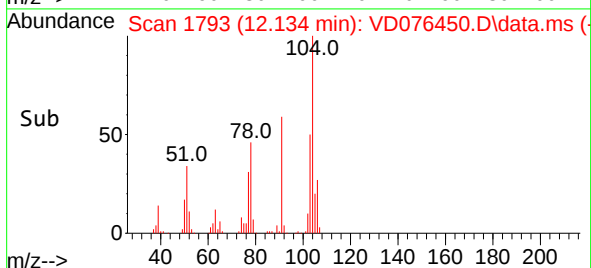
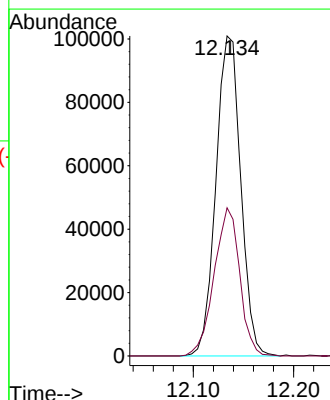
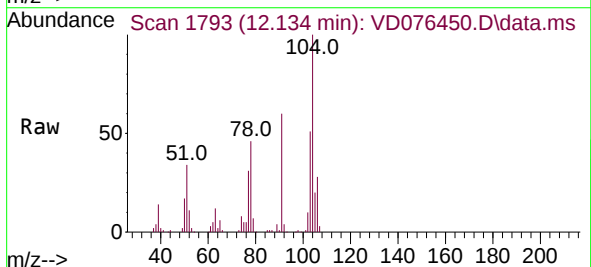
Instrument :
MSVOA_D
ClientSampleId :

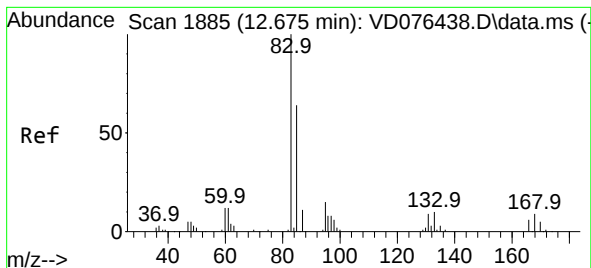
Tgt Ion:106 Resp: 101229
Ion Ratio Lower Upper
106 100
91 203.2 142.2 264.2



#55
Styrene
Concen: 23.014 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion:104 Resp: 173633
Ion Ratio Lower Upper
104 100
78 46.3 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 25.883 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

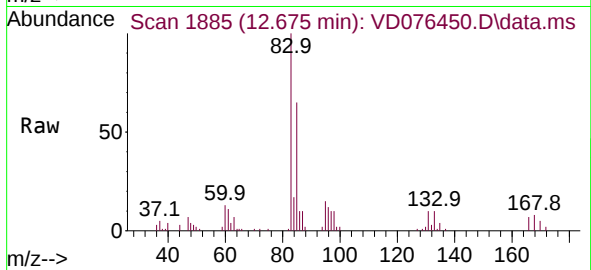
Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

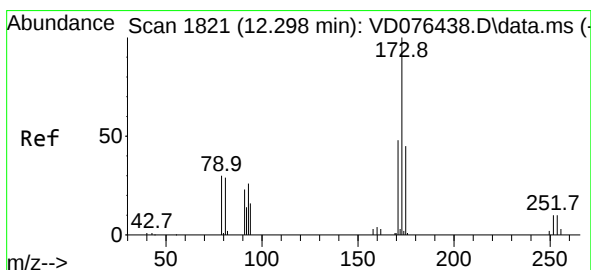
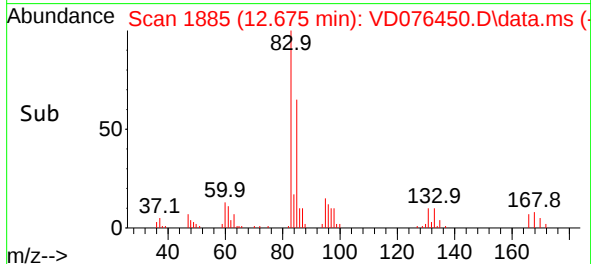
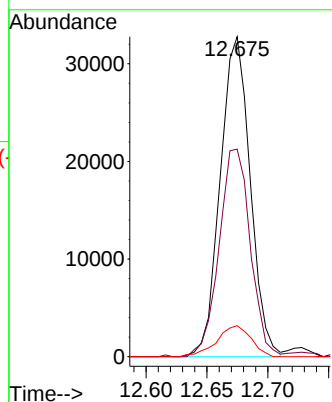
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	56046
Ion Ratio	Lower	Upper	
83	100		
85	64.8	46.3	86.1
131	9.7	7.0	10.4



#59

Bromoform

Concen: 28.340 ug/L

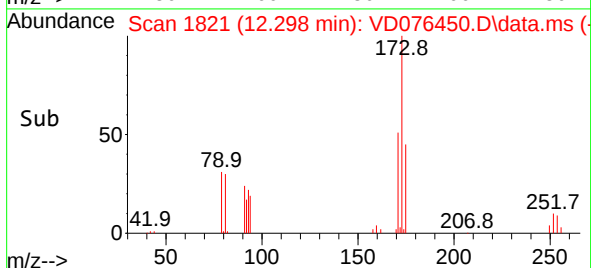
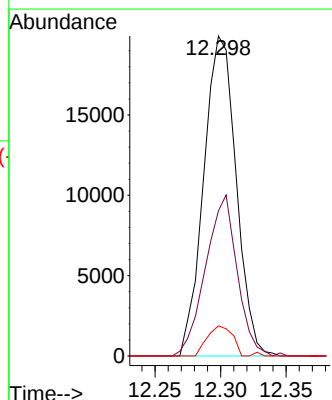
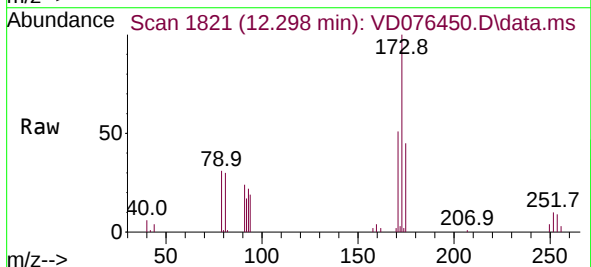
RT: 12.298 min Scan# 1821

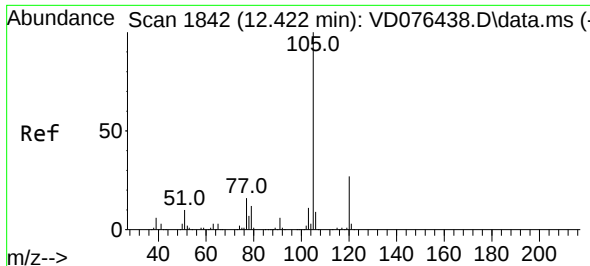
Delta R.T. -0.000 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

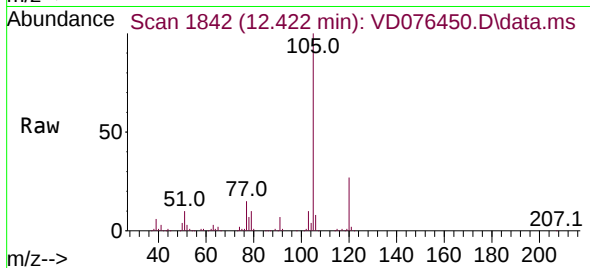
Tgt Ion:	173	Resp:	34345
Ion Ratio	Lower	Upper	
173	100		
175	48.7	39.0	58.4
254	7.2	5.3	7.9



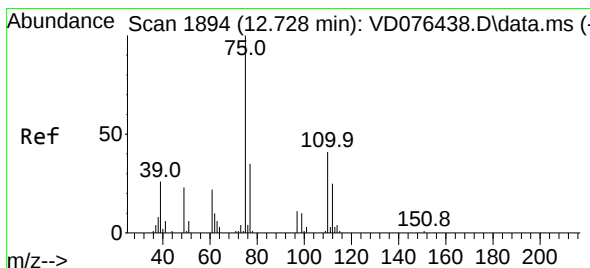
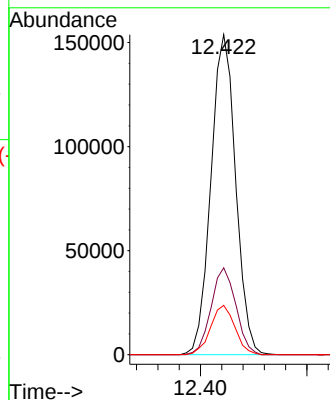
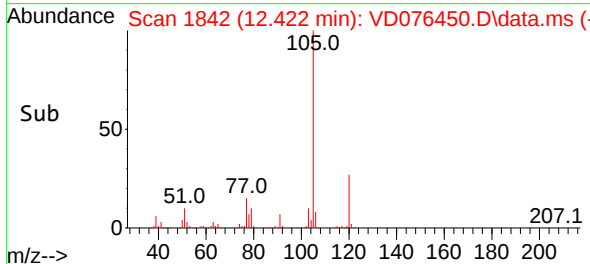


#60
Isopropylbenzene
Concen: 23.946 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Instrument :
MSVOA_D
ClientSampleId :

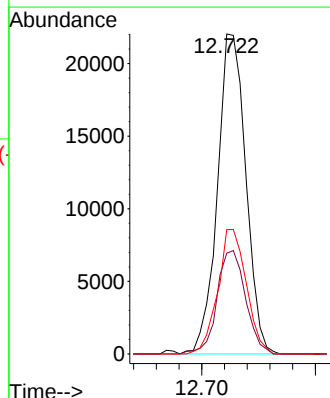
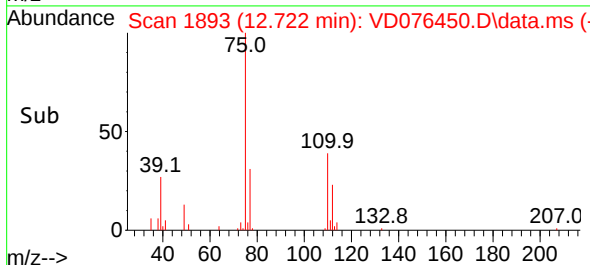
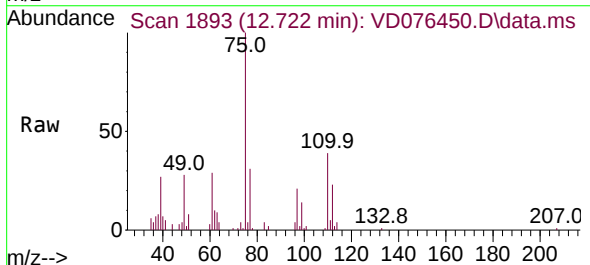


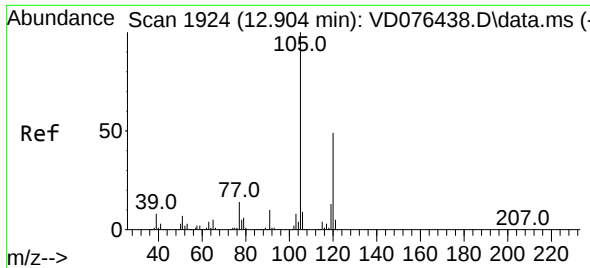
Tgt Ion:105 Resp: 247941
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 29.146 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion: 75 Resp: 38292
Ion Ratio Lower Upper
75 100
77 32.5 27.2 40.8
110 39.1 31.8 47.6

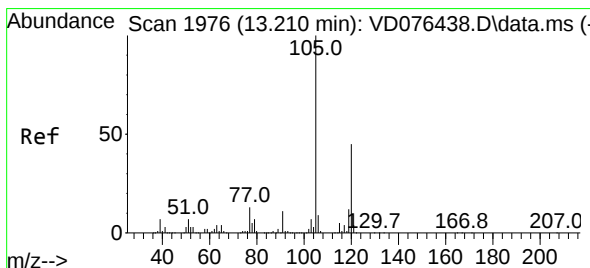
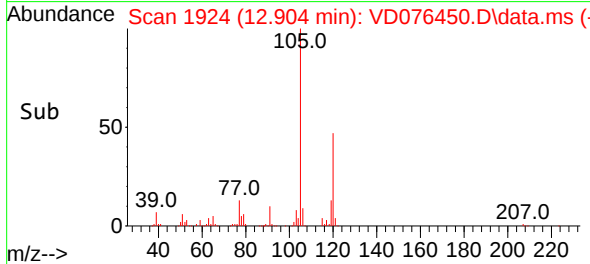
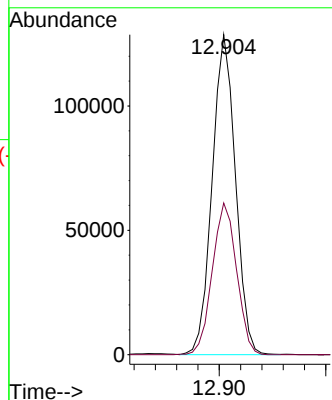
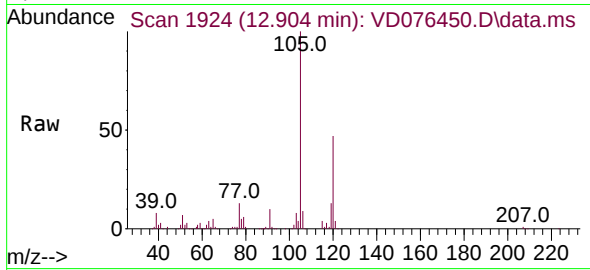




#62
 1,3,5-Trimethylbenzene
 Concen: 23.543 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

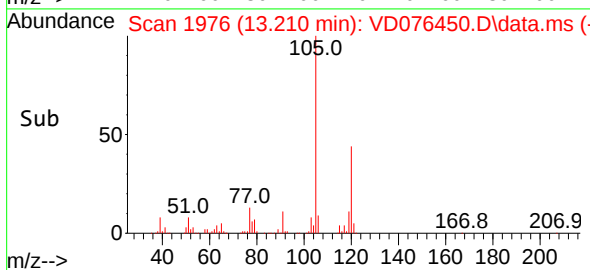
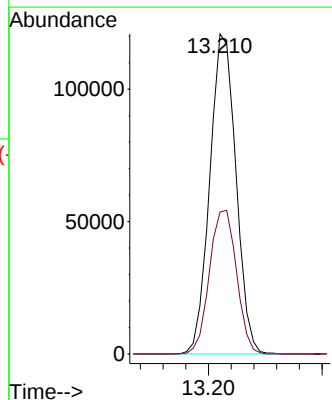
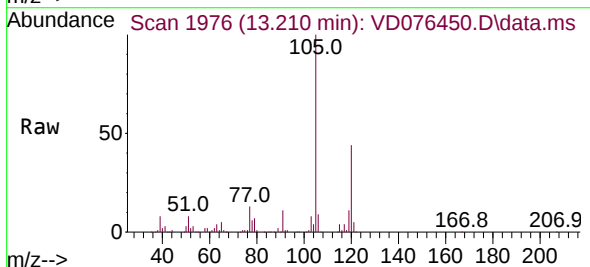
Instrument :
 MSVOA_D
 ClientSampleId :

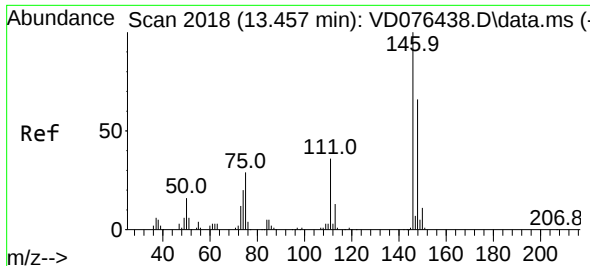
Tgt Ion:105 Resp: 195034
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 23.653 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

Tgt Ion:105 Resp: 193360
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.5 56.3

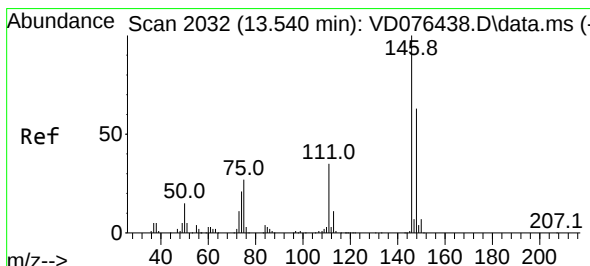
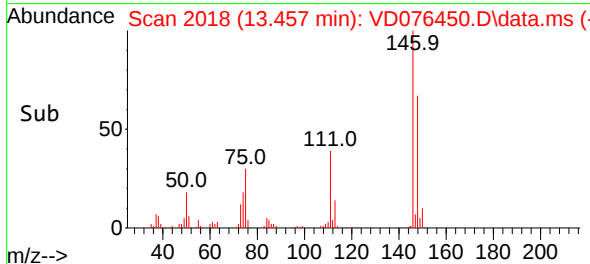
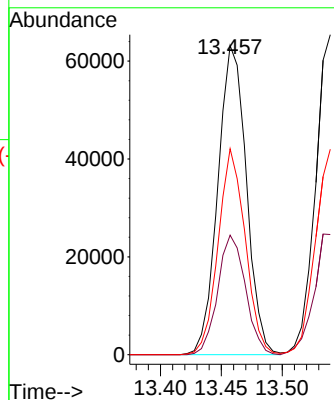
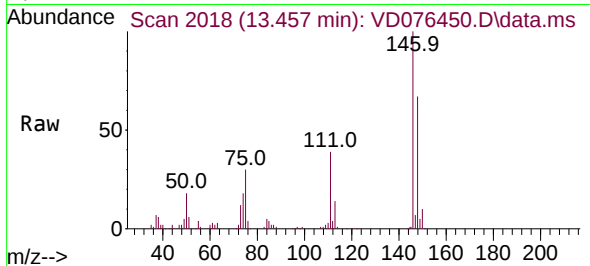




#64
1,3-Dichlorobenzene
Concen: 22.379 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

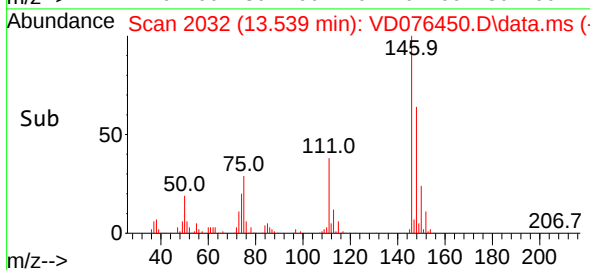
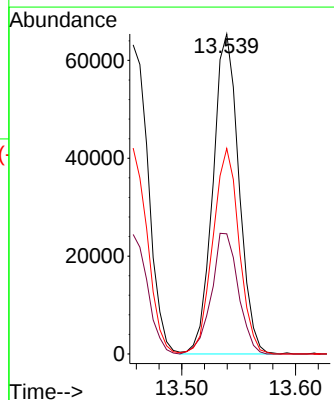
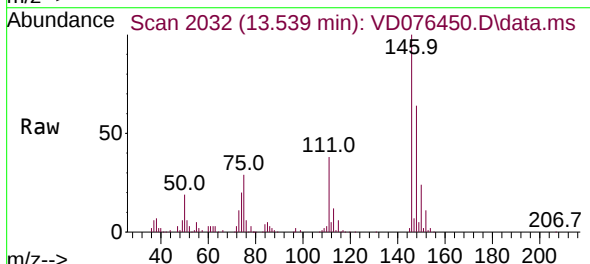
Instrument :
MSVOA_D
ClientSampleId :

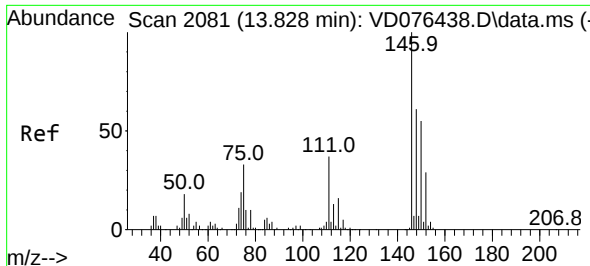
Tgt Ion:146 Resp: 103088
Ion Ratio Lower Upper
146 100
111 38.7 25.6 47.4
148 66.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 22.390 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076450.D
Acq: 15 Jun 2023 21:07

Tgt Ion:146 Resp: 103965
Ion Ratio Lower Upper
146 100
111 37.5 25.7 47.7
148 64.2 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 23.939 ug/L

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Instrument :

MSVOA_D

ClientSampleId :

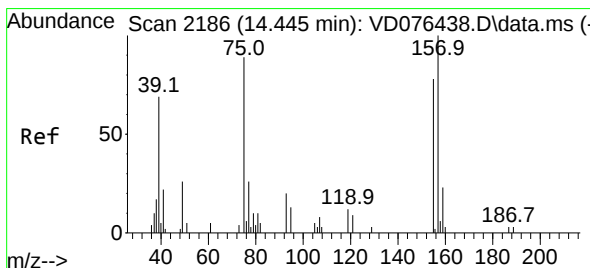
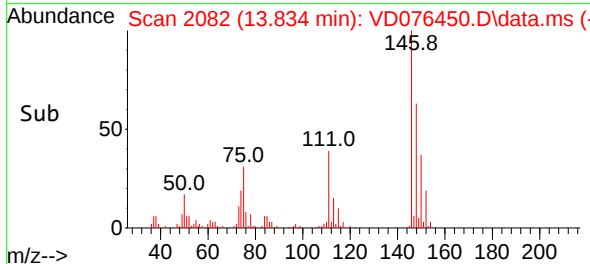
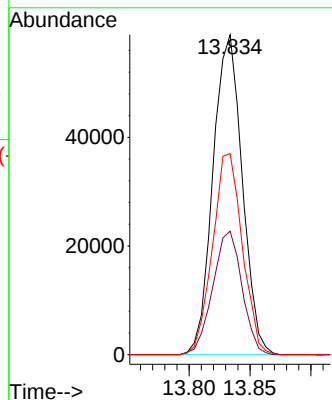
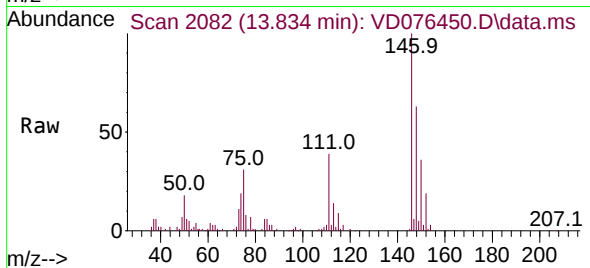
Tgt Ion:146 Resp: 98240

Ion Ratio Lower Upper

146 100

111 38.6 31.3 46.9

148 62.9 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 27.341 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

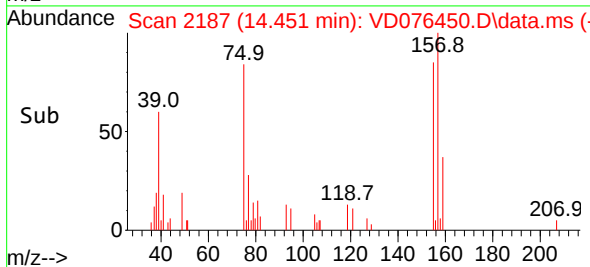
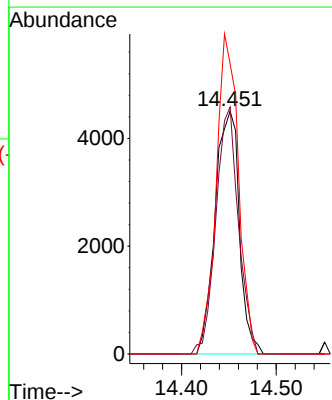
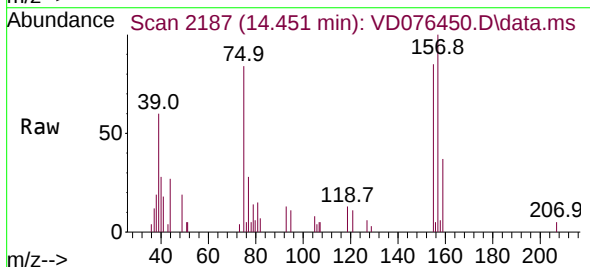
Tgt Ion: 75 Resp: 8005

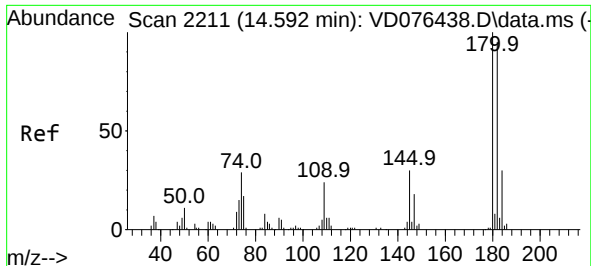
Ion Ratio Lower Upper

75 100

155 101.7 76.2 114.4

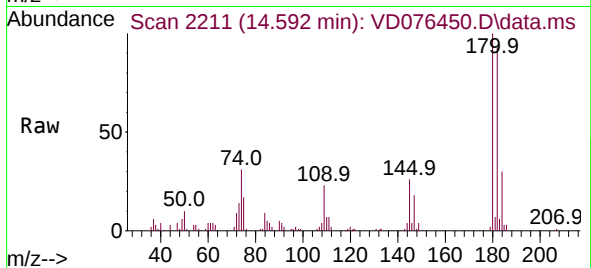
157 119.5 89.4 134.2



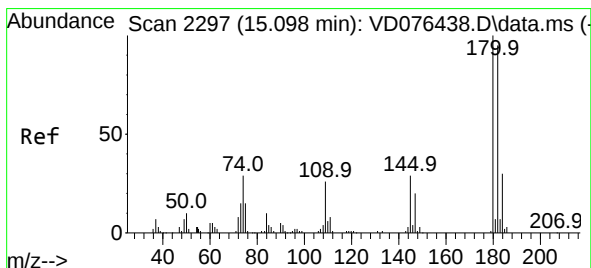
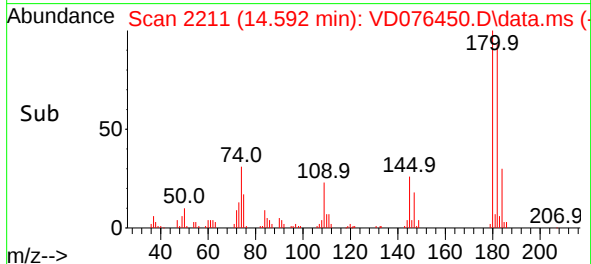
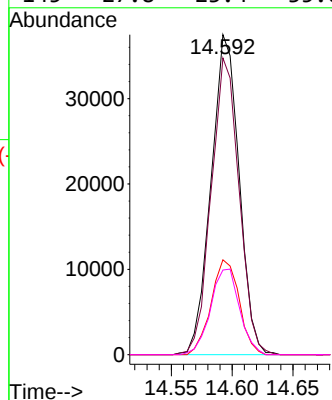


#69
 1,3,5-Trichlorobenzene
 Concen: 19.465 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

Instrument :
 MSVOA_D
 ClientSampleId :

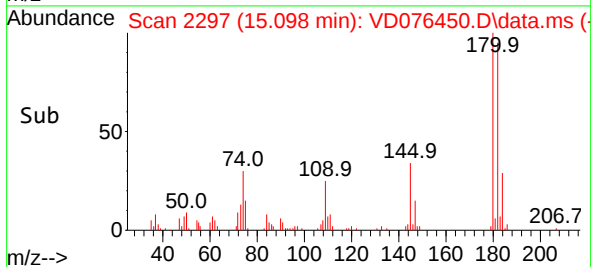
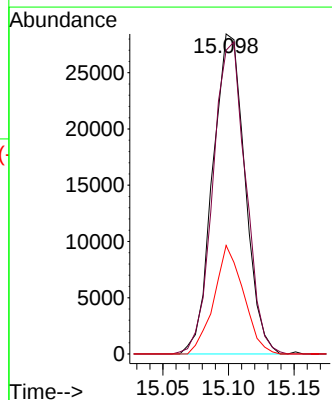
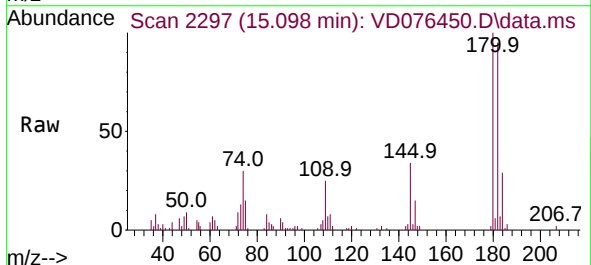


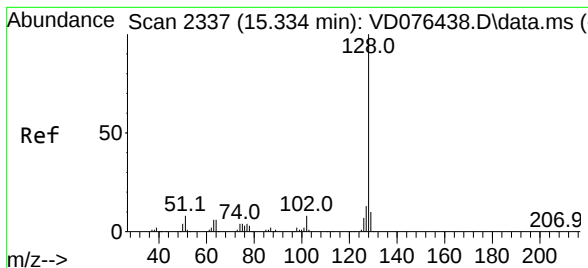
Tgt Ion:180 Resp: 59808
 Ion Ratio Lower Upper
 180 100
 182 92.3 77.1 115.7
 184 29.8 25.0 37.4
 145 27.8 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 17.787 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD076450.D
 Acq: 15 Jun 2023 21:07

Tgt Ion:180 Resp: 48626
 Ion Ratio Lower Upper
 180 100
 182 98.7 76.9 115.3
 145 31.0 23.5 35.3





#71

Naphthalene

Concen: 23.278 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Instrument :

MSVOA_D

ClientSampleId :

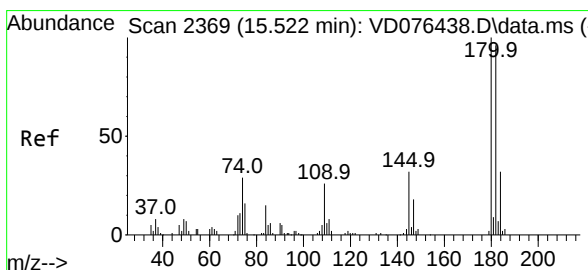
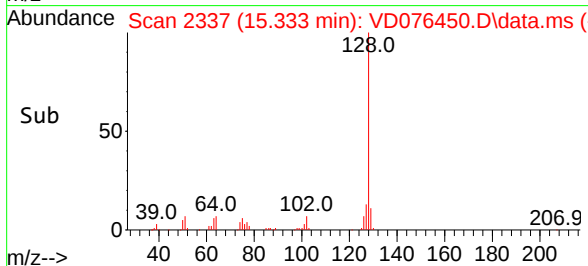
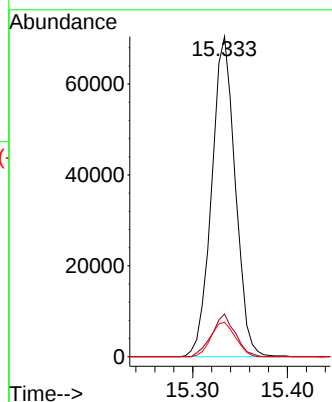
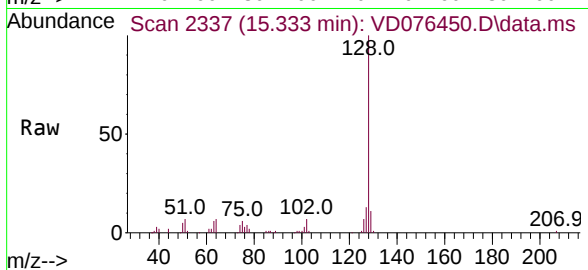
Tgt Ion:128 Resp: 121843

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 18.409 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076450.D

Acq: 15 Jun 2023 21:07

Tgt Ion:180 Resp: 43704

Ion Ratio Lower Upper

180 100

182 96.2 74.3 111.5

145 33.7 25.0 37.6

