

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076451.D
 Acq On : 15 Jun 2023 21:37
 Operator : KP/SY
 Sample : 03236-08MSD
 Misc : 5.67G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 02:02:22 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	191889	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	170571	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	74288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	109821	23.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.000%
7) Chloroethane-d5	2.793	69	85742	22.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.760%
11) 1,1-Dichloroethene-d2	3.904	65	27192	22.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.160%
21) 2-Butanone-d5	6.981	46	37237	52.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.240%
24) Chloroform-d	7.563	84	115864	22.918	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.680%
26) 1,2-Dichloroethane-d4	8.228	65	61832	24.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.160%
32) Benzene-d6	8.198	84	241731	23.167	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.680%
36) 1,2-Dichloropropane-d6	9.210	67	80562	24.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	10.269	98	218345	22.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	10.522	79	34498	24.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.600%
47) 2-Hexanone-d5	10.875	63	28293	54.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	61444	25.931	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	62714	23.031	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	69229	23.153	ug/L	99
3) Chloromethane	2.146	50	125705	25.289	ug/L	99
5) Vinyl chloride	2.275	62	128857	24.030	ug/L	95
6) Bromomethane	2.687	94	59054	19.883	ug/L	99
8) Chloroethane	2.828	64	78995	24.050	ug/L	100
9) Trichlorofluoromethane	3.163	101	89369	23.050	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.951	101	56987	22.659	ug/L	100
12) 1,1-Dichloroethene	3.934	96	56032	22.499	ug/L	86
13) Acetone	4.022	43	29981	52.449	ug/L	98
14) Carbon disulfide	4.263	76	194581	21.554	ug/L	98
16) Methylene chloride	4.793	84	78080	23.411	ug/L	95
17) trans-1,2-Dichloroethene	5.304	96	61644	22.202	ug/L	99
18) Methyl tert-butyl Ether	5.310	73	160846	25.446	ug/L #	97
19) 1,1-Dichloroethane	6.104	63	120995	23.836	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	72783	23.472	ug/L	90
22) 2-Butanone	7.075	43	47348	51.327	ug/L	79
23) Bromochloromethane	7.428	128	32139	24.421	ug/L	91
25) Chloroform	7.592	83	117624	23.743	ug/L	98
27) 1,2-Dichloroethane	8.322	62	77627	25.480	ug/L #	92

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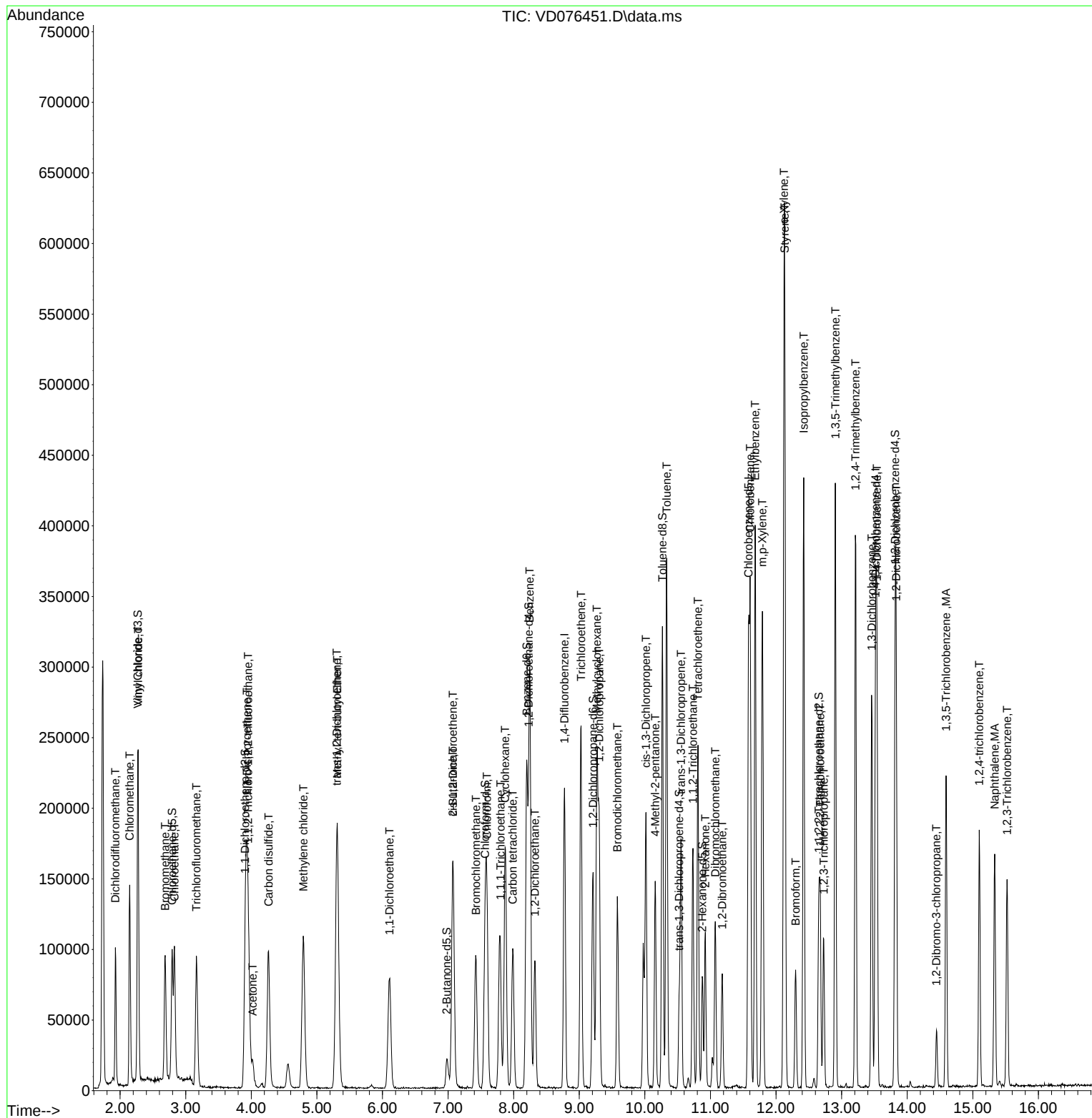
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.869	56	100094	22.067	ug/L	96
30) 1,1,1-Trichloroethane	7.798	97	91736	23.151	ug/L	99
31) Carbon tetrachloride	7.986	117	72559	22.896	ug/L	99
33) Benzene	8.245	78	266276	23.587	ug/L	100
34) Trichloroethene	9.028	95	88776	30.613	ug/L	95
35) Methylcyclohexane	9.269	83	99260	21.226	ug/L	99
37) 1,2-Dichloropropane	9.304	63	73642	23.927	ug/L	99
38) Bromodichloromethane	9.581	83	86134	24.537	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	115393	24.553	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	104341	54.496	ug/L	98
42) Toluene	10.333	91	275780	22.860	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	92427	24.195	ug/L	98
45) 1,1,2-Trichloroethane	10.733	97	54564	25.846	ug/L	98
46) Tetrachloroethene	10.810	164	53005	23.250	ug/L	94
48) 2-Hexanone	10.922	43	73722	56.220	ug/L	99
49) Dibromochloromethane	11.075	129	60200	25.092	ug/L	96
50) 1,2-Dibromoethane	11.180	107	52366	25.557	ug/L #	84
51) Chlorobenzene	11.604	112	171834	22.814	ug/L	99
52) Ethylbenzene	11.680	91	291559	22.422	ug/L	97
53) m,p-Xylene	11.792	106	111388	21.798	ug/L	99
54) o-Xylene	12.122	106	110993	22.812	ug/L	97
55) Styrene	12.133	104	190128	22.618	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.674	83	64168	26.596	ug/L	97
59) Bromoform	12.298	173	37029	27.844	ug/L #	95
60) Isopropylbenzene	12.422	105	274875	24.191	ug/L	98
61) 1,2,3-Trichloropropane	12.727	75	42513	29.488	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	219336	24.127	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	214666	23.929	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	116078	22.963	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	114951	22.559	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	106547	23.660	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	9411	29.291	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	68170	20.218	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	53839	17.946	ug/L	99
71) Naphthalene	15.333	128	137933	24.014	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	48545	18.633	ug/L	95

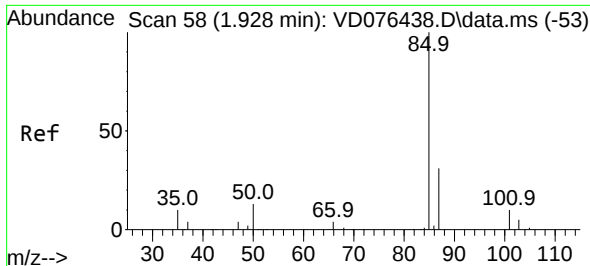
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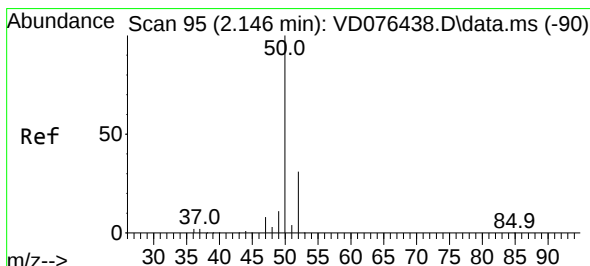
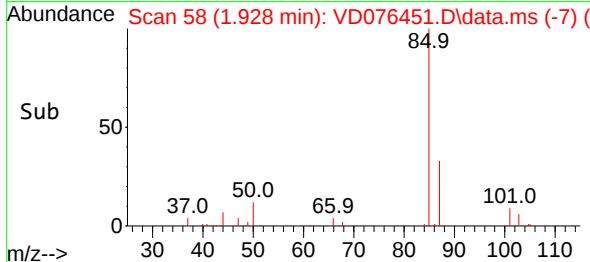
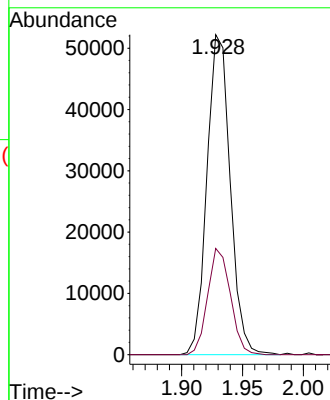
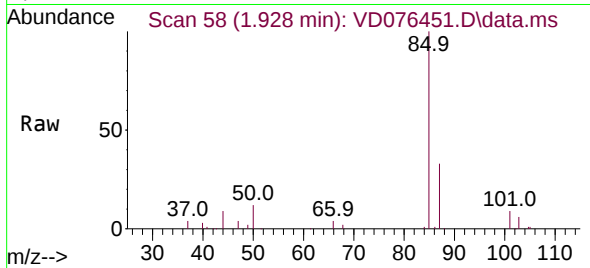




#2
Dichlorodifluoromethane
Concen: 23.153 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

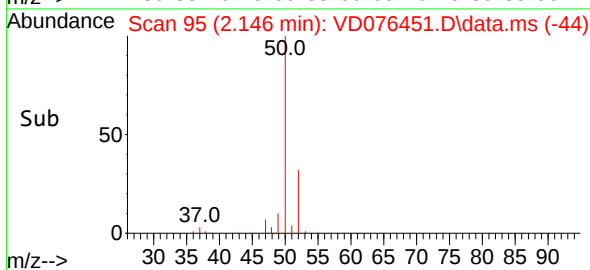
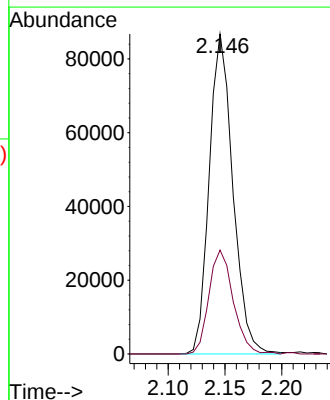
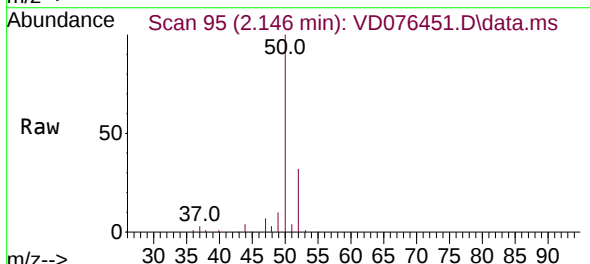
Instrument :
MSVOA_D
ClientSampleId :

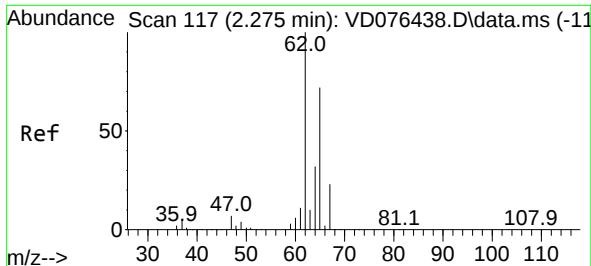
Tgt Ion: 85 Resp: 69229
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 25.289 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 50 Resp: 125705
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.2

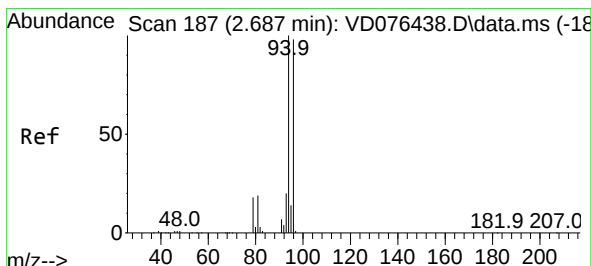
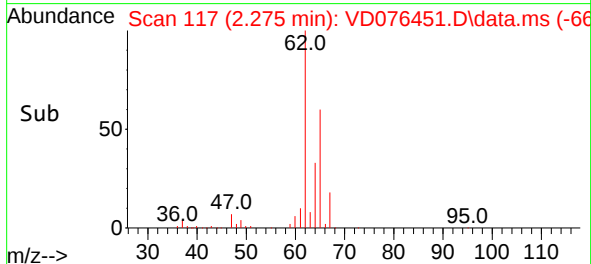
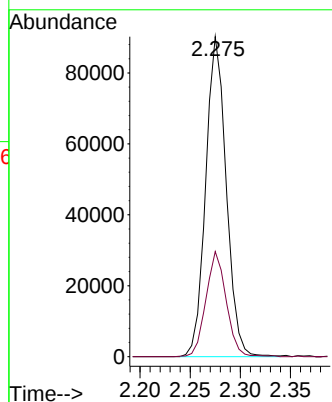
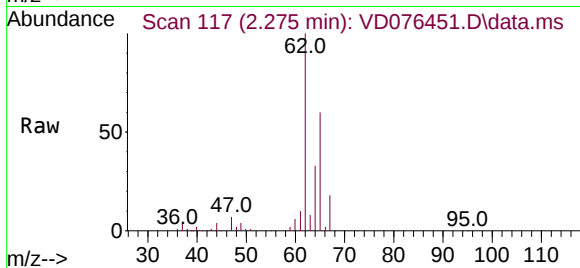




#5
 Vinyl chloride
 Concen: 24.030 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VD076451.D
 Acq: 15 Jun 2023 21:37

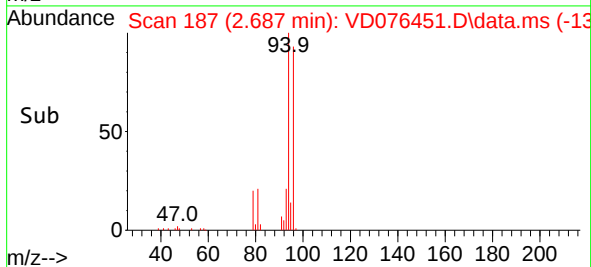
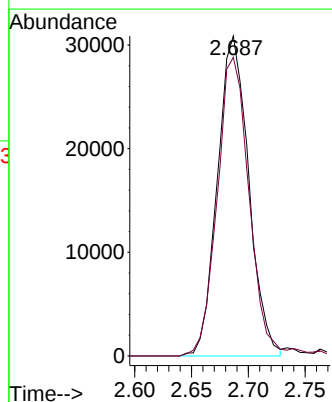
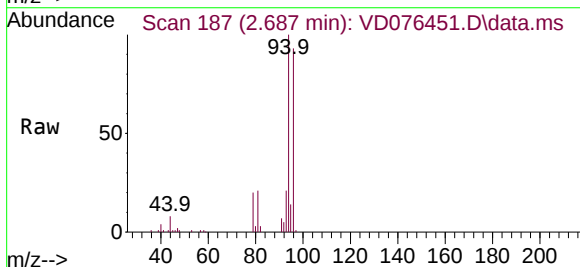
Instrument :
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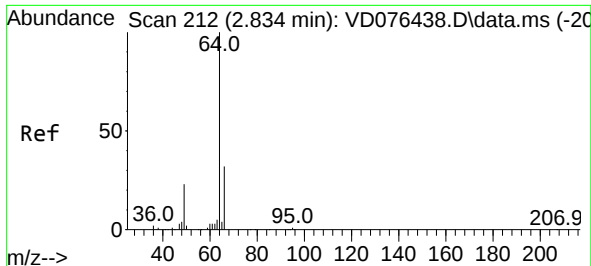
Tgt Ion: 62 Resp: 128857
 Ion Ratio Lower Upper
 62 100
 64 32.9 21.1 39.1



#6
 Bromomethane
 Concen: 19.883 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076451.D
 Acq: 15 Jun 2023 21:37

Tgt Ion: 94 Resp: 59054
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.7 120.1

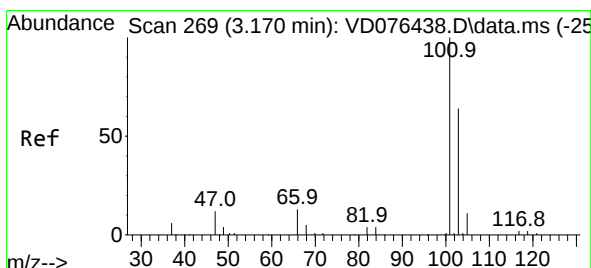
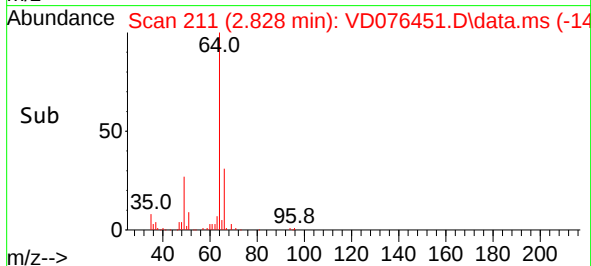
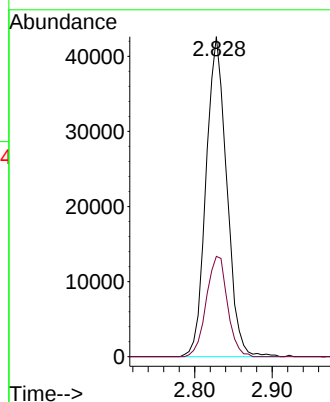
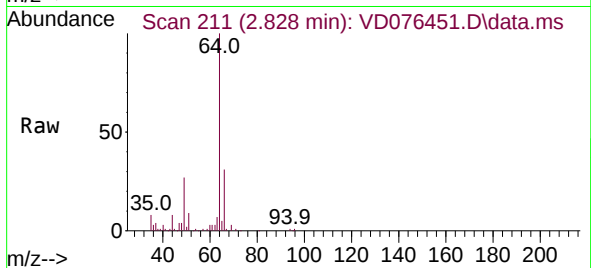




#8
Chloroethane
Concen: 24.050 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

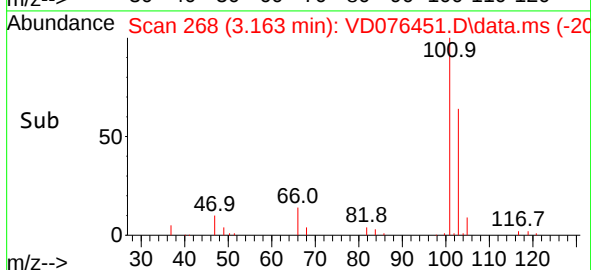
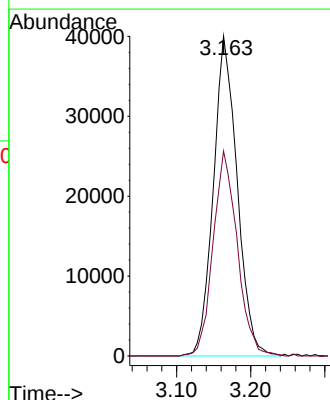
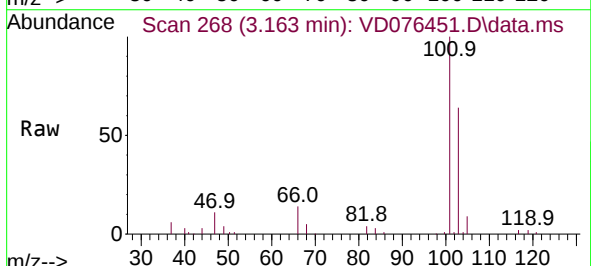
Instrument :
MSVOA_D
ClientSampleId :

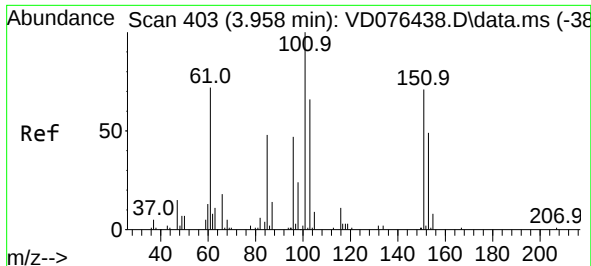
Tgt Ion: 64 Resp: 78995
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 23.050 ug/L
RT: 3.163 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion:101 Resp: 89369
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

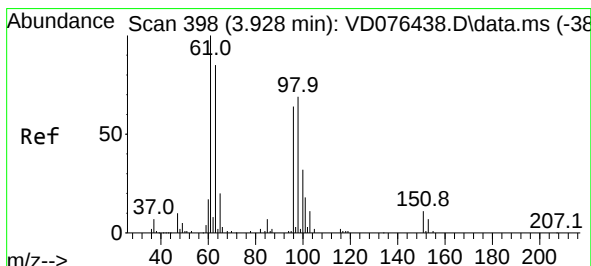
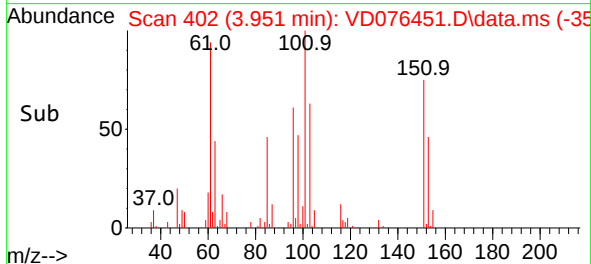
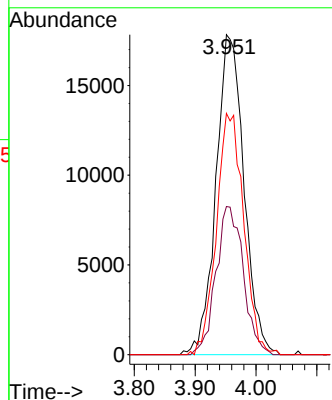
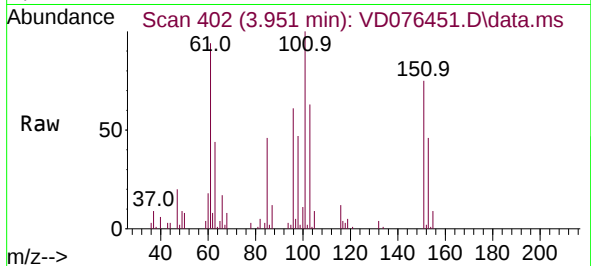




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.659 ug/L
RT: 3.951 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

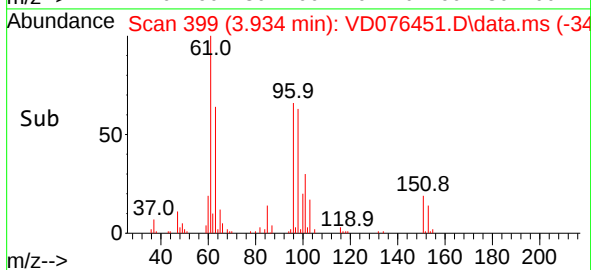
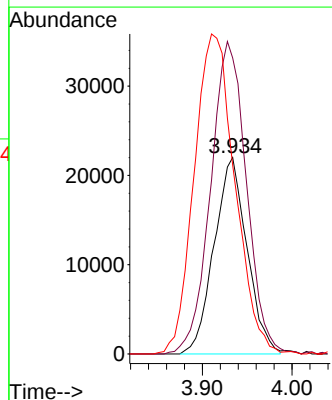
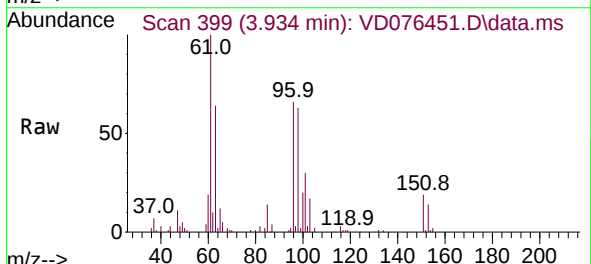
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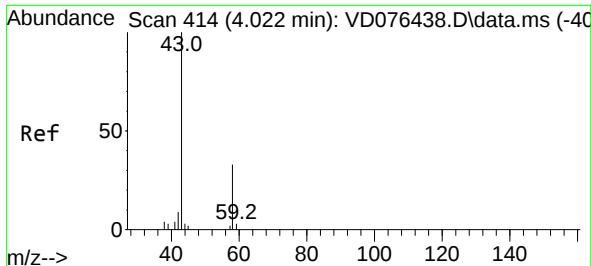
Tgt Ion:101 Resp: 56987
Ion Ratio Lower Upper
101 100
85 45.1 35.5 53.3
151 73.1 58.6 87.8



#12
1,1-Dichloroethene
Concen: 22.499 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.005 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 96 Resp: 56032
Ion Ratio Lower Upper
96 100
61 150.6 113.0 209.8
63 96.0 83.6 155.2





#13

Acetone

Concen: 52.449 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076451.D

Acq: 15 Jun 2023 21:37

Instrument :

MSVOA_D

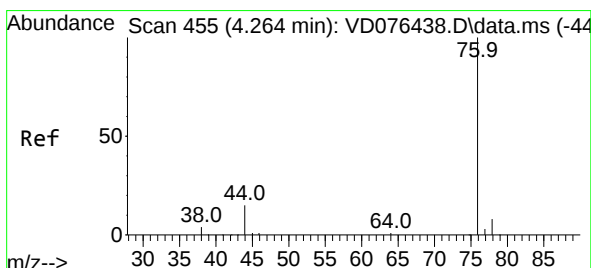
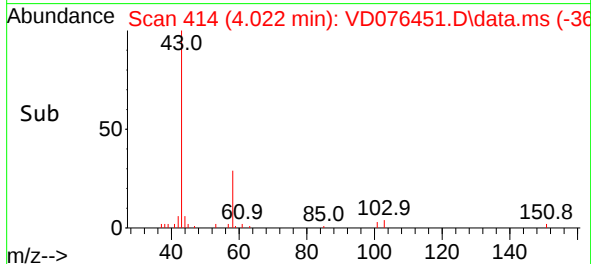
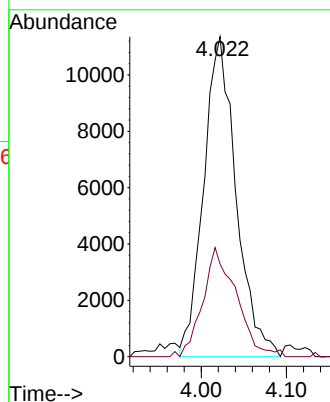
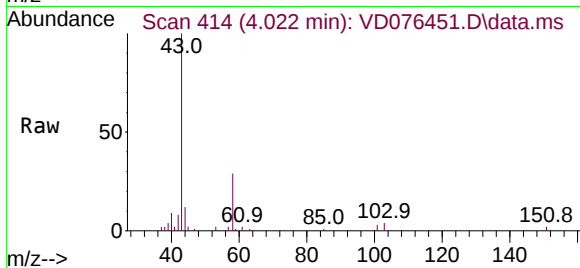
ClientSampleId :

Tgt Ion: 43 Resp: 29981

Ion Ratio Lower Upper

43 100

58 34.9 0.0 67.4



#14

Carbon disulfide

Concen: 21.554 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD076451.D

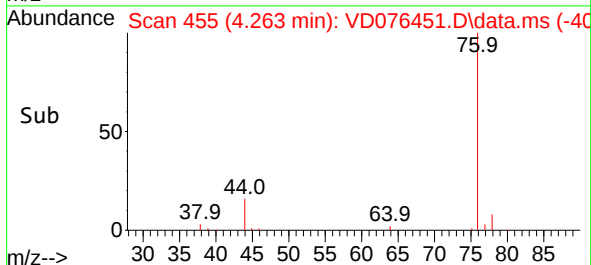
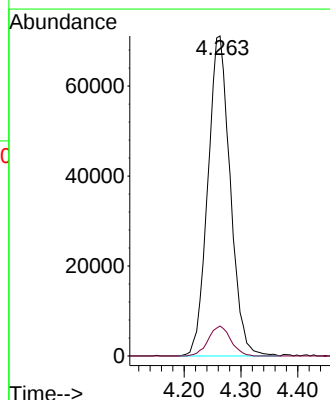
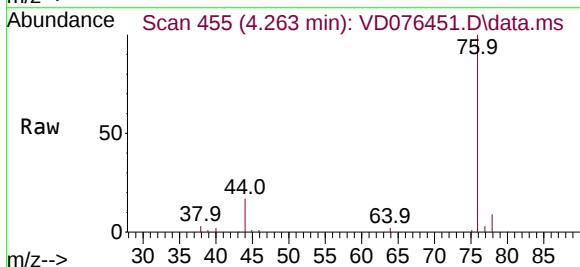
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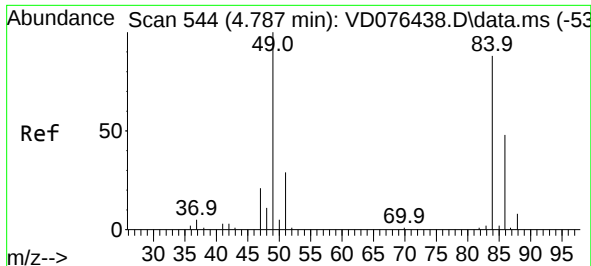
Tgt Ion: 76 Resp: 194581

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

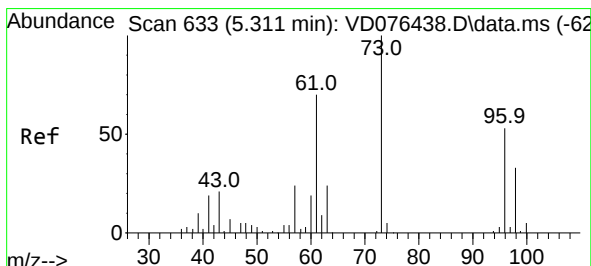
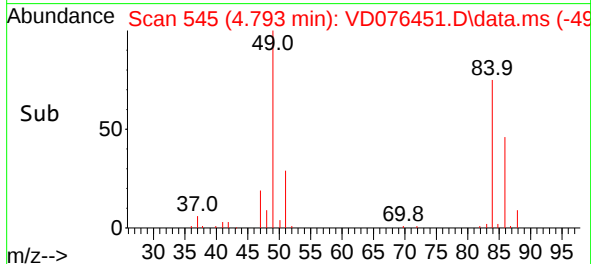
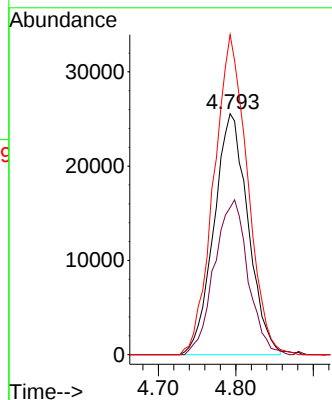
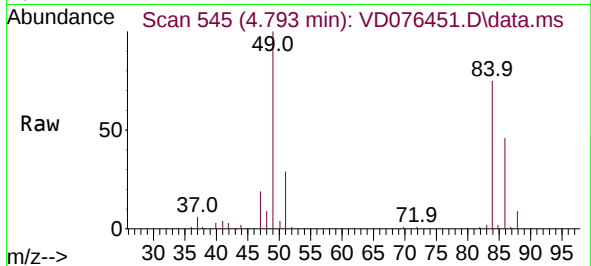




#16
Methylene chloride
Concen: 23.411 ug/L
RT: 4.793 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

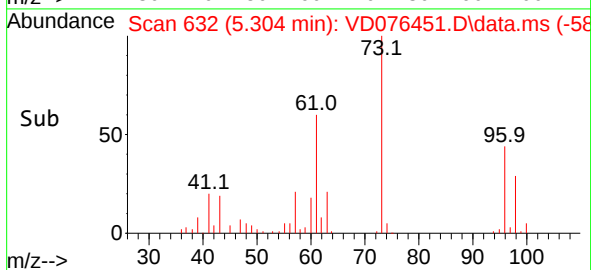
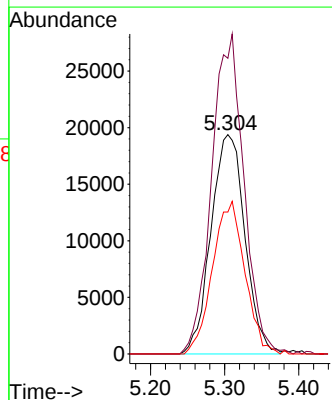
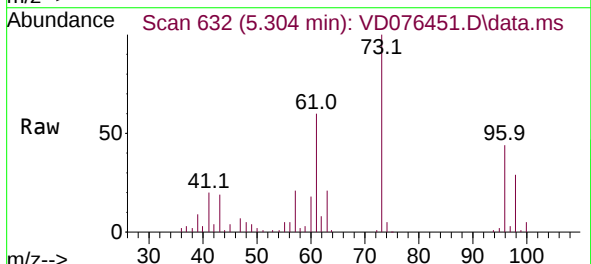
Instrument :
MSVOA_D
ClientSampleId :

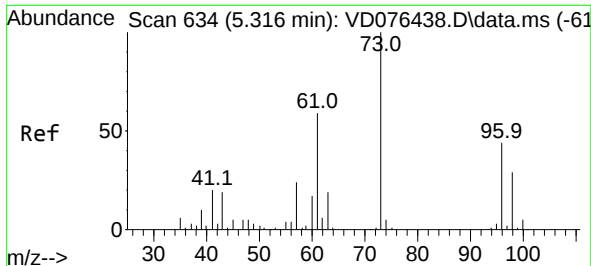
Tgt Ion: 84 Resp: 78080
Ion Ratio Lower Upper
84 100
86 61.0 45.1 83.9
49 132.8 97.2 180.6



#17
trans-1,2-Dichloroethene
Concen: 22.202 ug/L
RT: 5.304 min Scan# 632
Delta R.T. -0.006 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 96 Resp: 61644
Ion Ratio Lower Upper
96 100
61 134.7 94.5 175.5
98 64.7 46.0 85.4

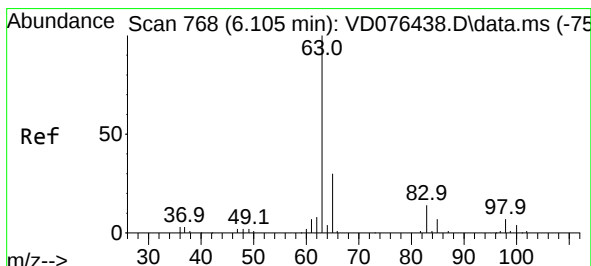
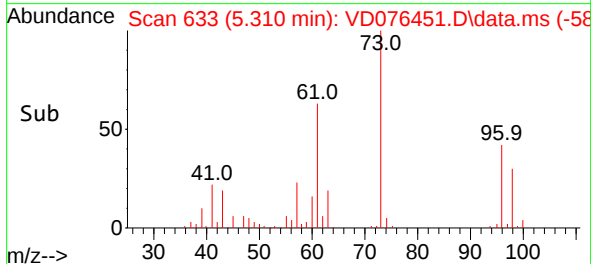
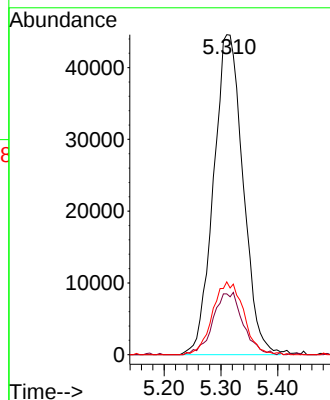
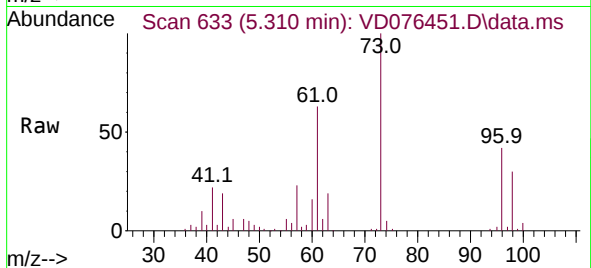




#18
Methyl tert-butyl Ether
Concen: 25.446 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

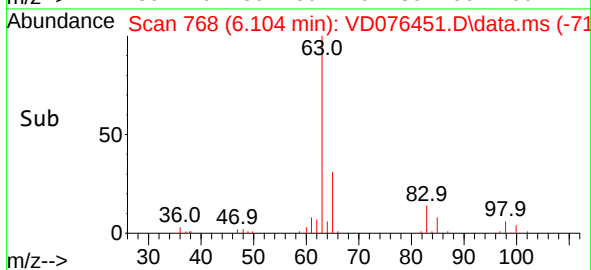
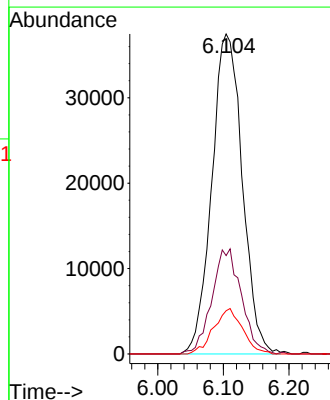
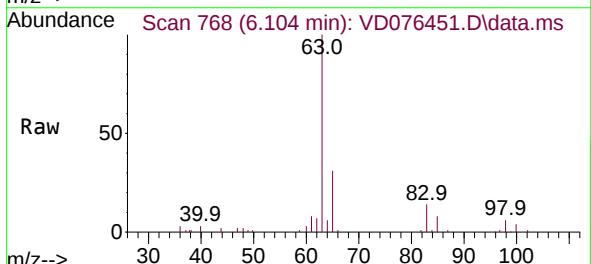
Instrument :
MSVOA_D
ClientSampleId :

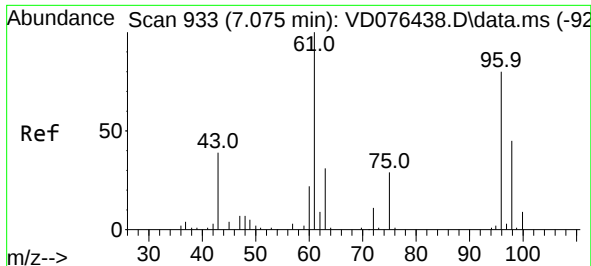
Tgt Ion: 73 Resp: 160846
Ion Ratio Lower Upper
73 100
43 11.8 7.2 10.8#
57 23.8 18.6 28.0



#19
1,1-Dichloroethane
Concen: 23.836 ug/L
RT: 6.104 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 63 Resp: 120995
Ion Ratio Lower Upper
63 100
65 30.7 20.8 38.6
83 13.5 8.9 16.5



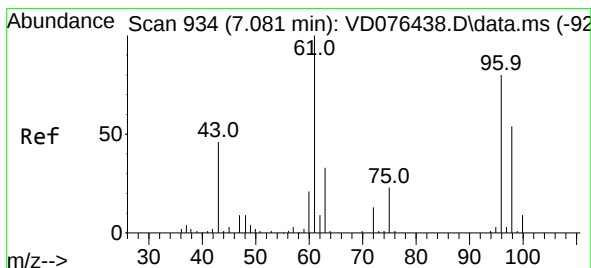
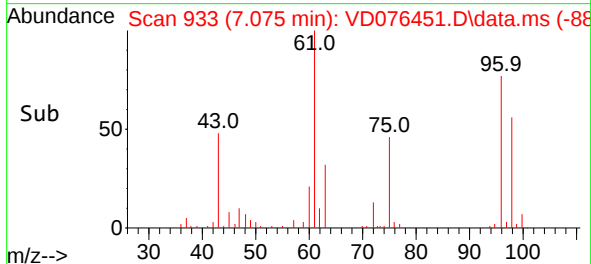
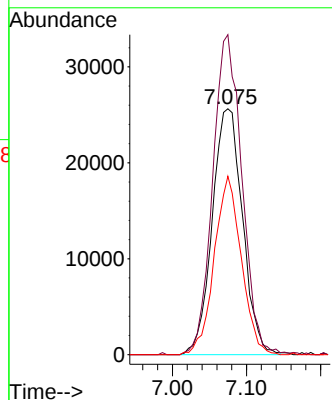
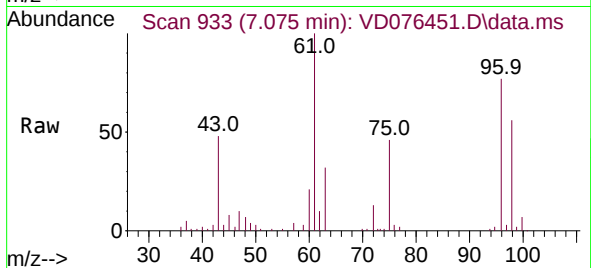


#20
 cis-1,2-Dichloroethene
 Concen: 23.472 ug/L
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076451.D
 Acq: 15 Jun 2023 21:37

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 72783

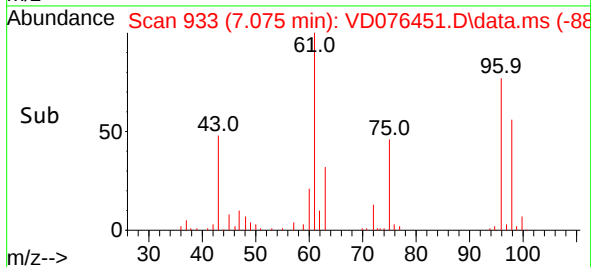
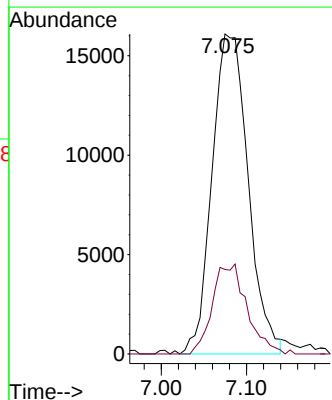
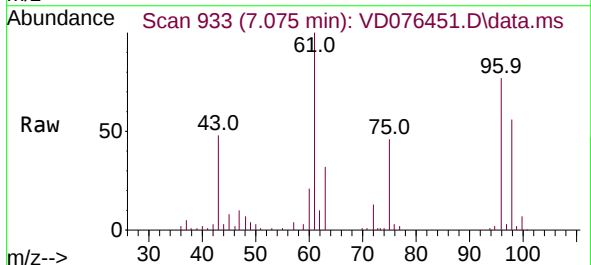
Ion	Ratio	Lower	Upper
96	100		
61	130.1	86.0	159.6
98	72.5	42.2	78.4

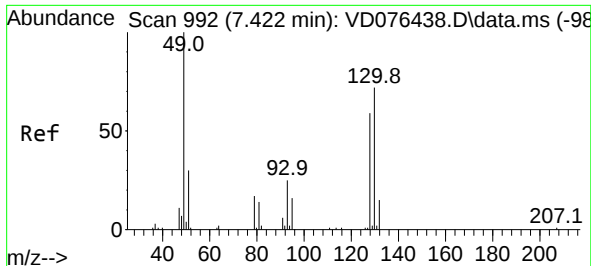


#22
 2-Butanone
 Concen: 51.327 ug/L
 RT: 7.075 min Scan# 933
 Delta R.T. -0.006 min
 Lab File: VD076451.D
 Acq: 15 Jun 2023 21:37

Tgt Ion: 43 Resp: 47348

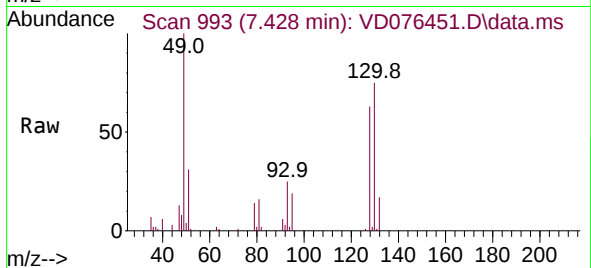
Ion	Ratio	Lower	Upper
43	100		
72	14.9	12.9	38.7



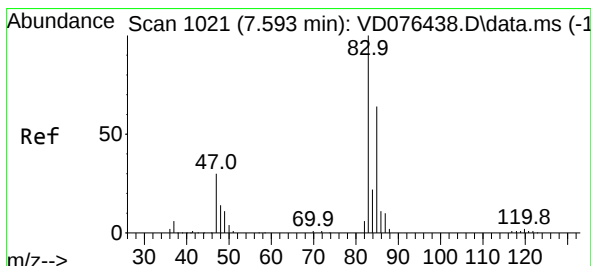
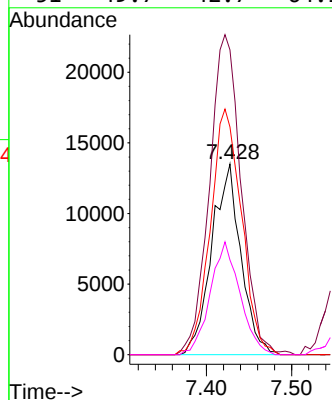
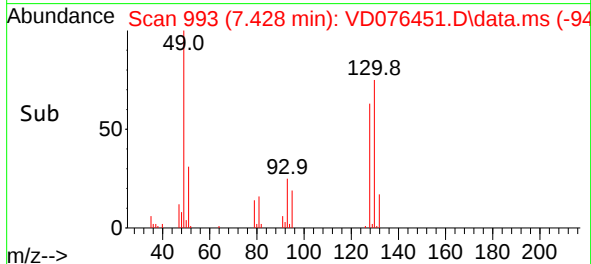


#23
Bromochloromethane
Concen: 24.421 ug/L
RT: 7.428 min Scan# 992
Delta R.T. 0.005 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Instrument :
MSVOA_D
ClientSampleId :

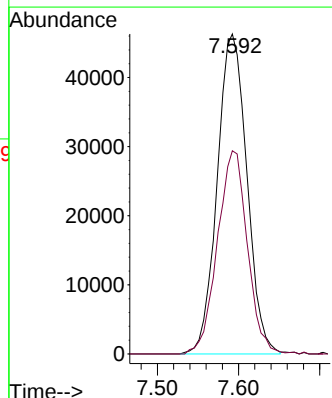
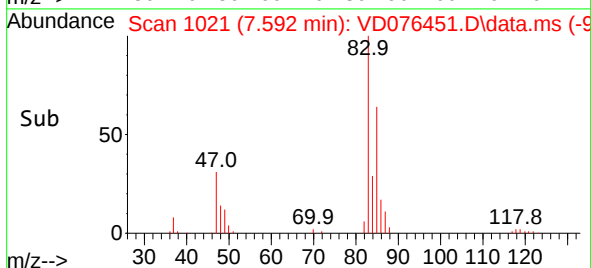
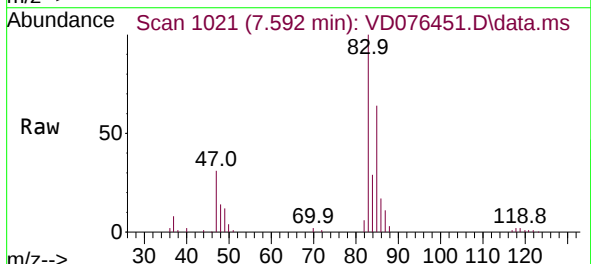


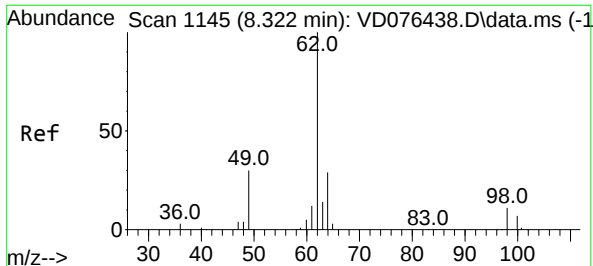
Tgt Ion:128 Resp: 32139
Ion Ratio Lower Upper
128 100
49 160.0 124.7 231.7
130 119.5 80.0 148.6
51 49.7 42.7 64.1



#25
Chloroform
Concen: 23.743 ug/L
RT: 7.592 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 83 Resp: 117624
Ion Ratio Lower Upper
83 100
85 63.5 45.4 84.4

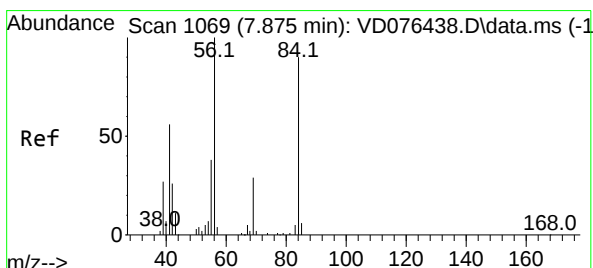
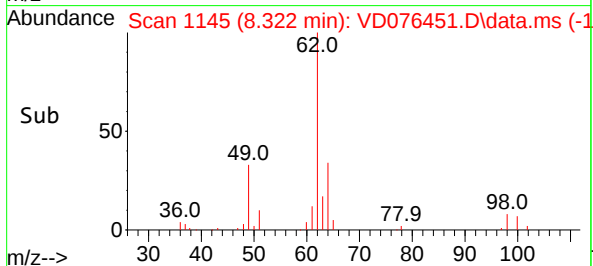
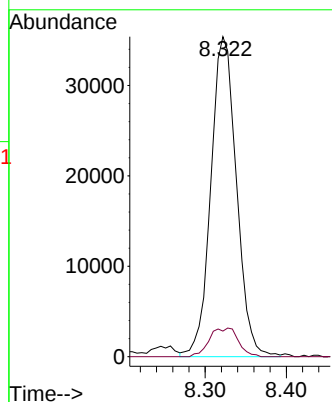
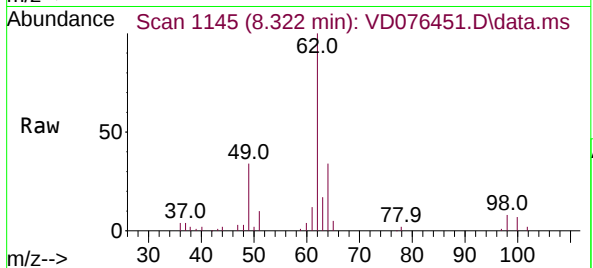




#27
1,2-Dichloroethane
Concen: 25.480 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

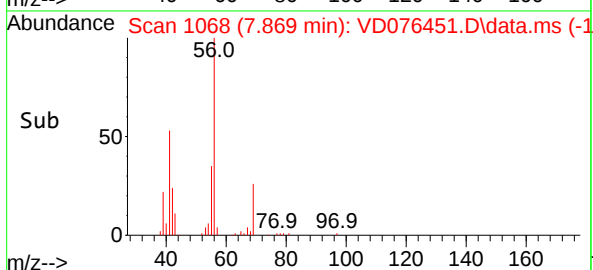
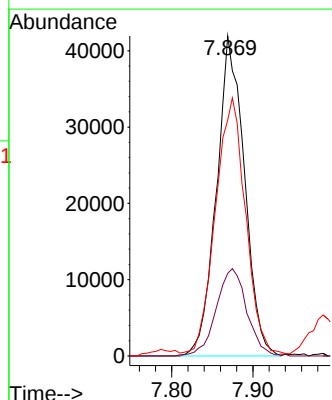
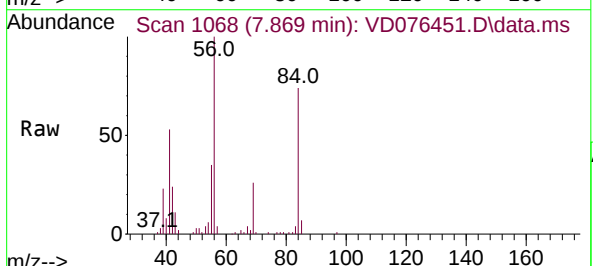
Instrument :
MSVOA_D
ClientSampleId :

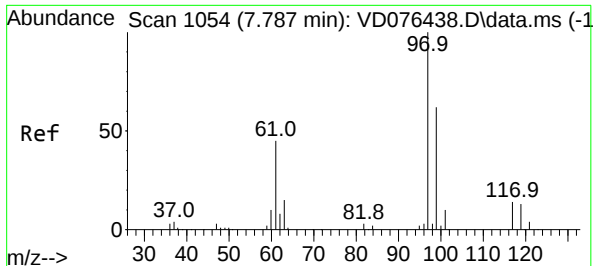
Tgt Ion: 62 Resp: 77627
Ion Ratio Lower Upper
62 100
98 8.0 8.7 13.1#



#29
Cyclohexane
Concen: 22.067 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 56 Resp: 100094
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.0
84 87.9 66.3 99.5





#30

1,1,1-Trichloroethane

Concen: 23.151 ug/L

RT: 7.798 min Scan# 1056

Delta R.T. 0.011 min

Lab File: VD076451.D

Acq: 15 Jun 2023 21:37

Instrument :

MSVOA_D

ClientSampleId :

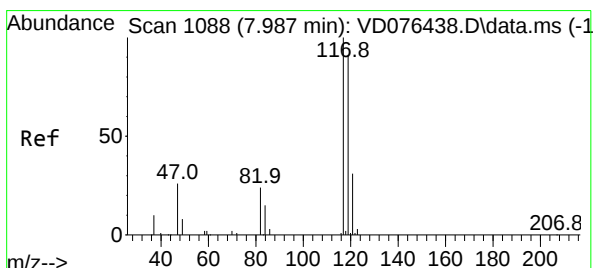
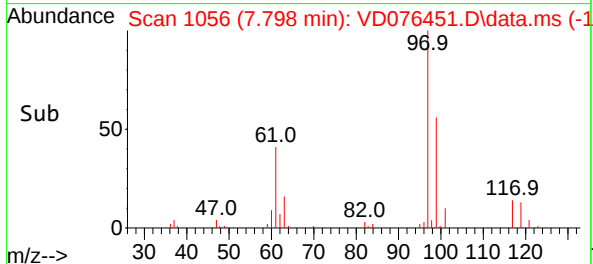
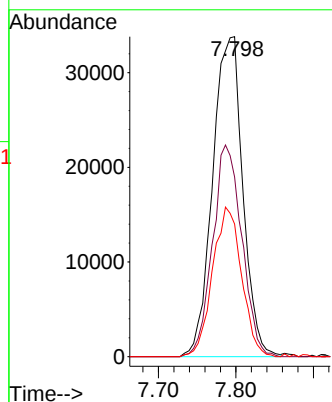
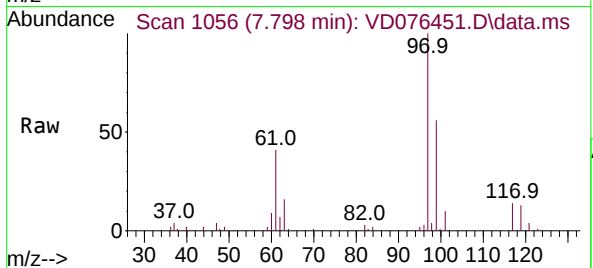
Tgt Ion: 97 Resp: 91736

Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.6

61 44.8 36.4 54.6



#31

Carbon tetrachloride

Concen: 22.896 ug/L

RT: 7.986 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076451.D

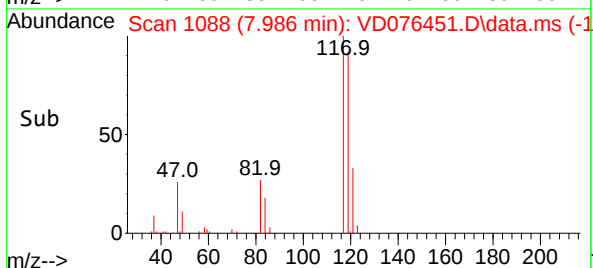
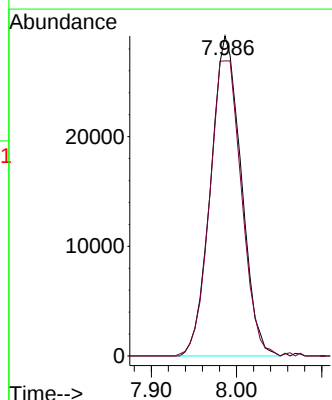
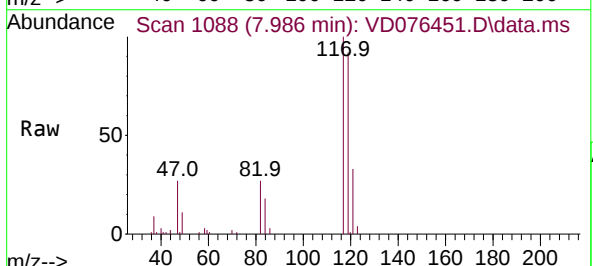
Acq: 15 Jun 2023 21:37

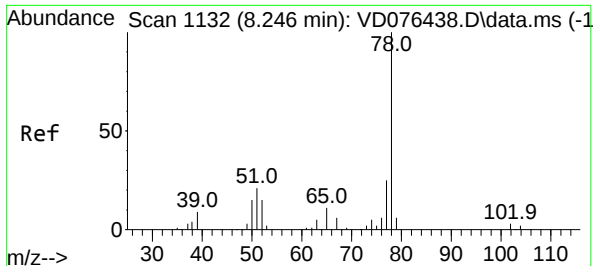
Tgt Ion:117 Resp: 72559

Ion Ratio Lower Upper

117 100

119 96.4 77.8 116.6

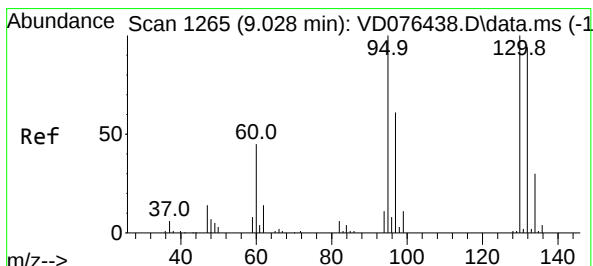
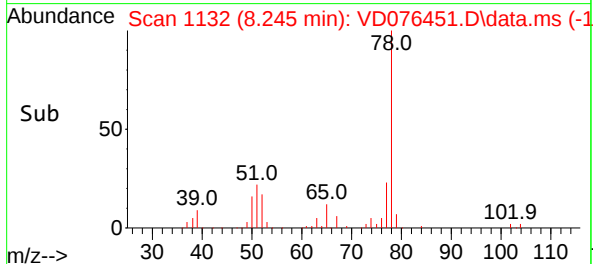
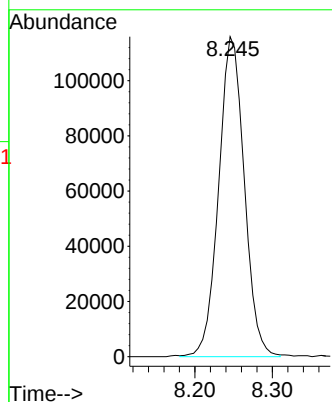
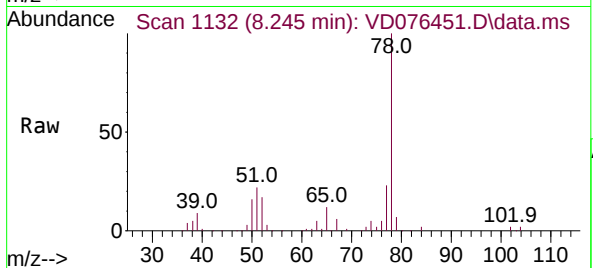




#33
Benzene
Concen: 23.587 ug/L
RT: 8.245 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Instrument :
MSVOA_D
ClientSampleId :

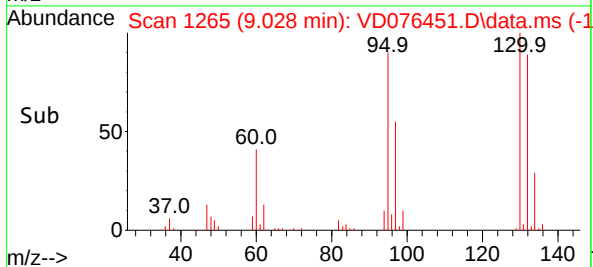
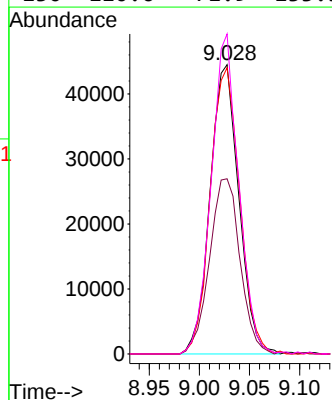
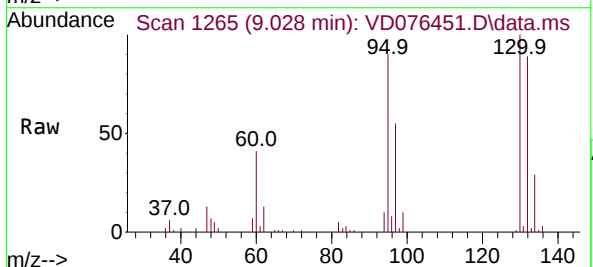
Tgt Ion: 78 Resp: 266276

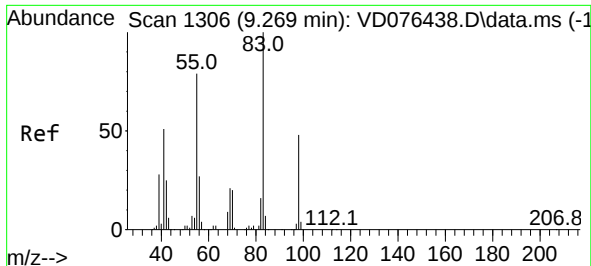


#34
Trichloroethene
Concen: 30.613 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 95 Resp: 88776

Ion	Ratio	Lower	Upper
95	100		
97	60.6	43.1	80.1
132	99.0	71.8	133.4
130	110.6	71.9	133.5

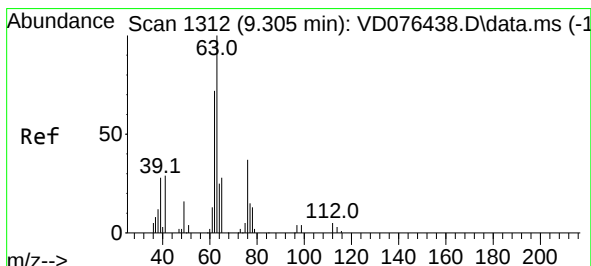
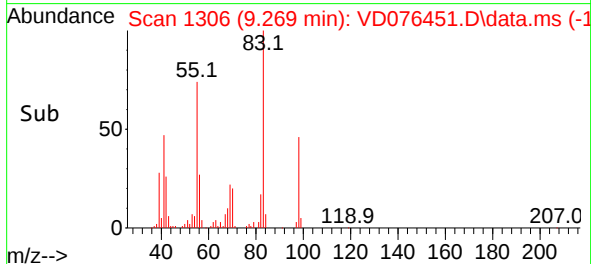
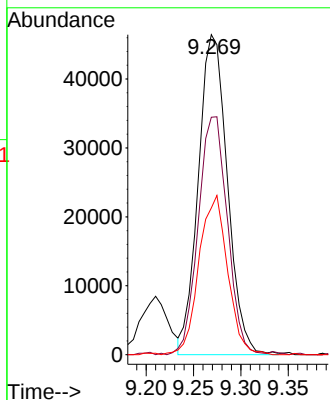
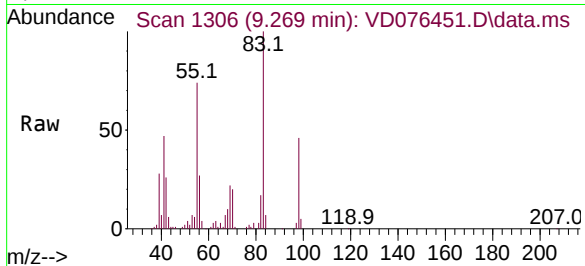




#35
Methylcyclohexane
Concen: 21.226 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

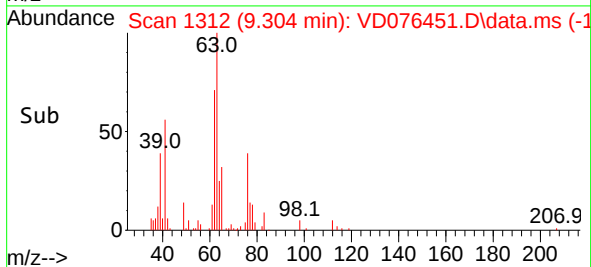
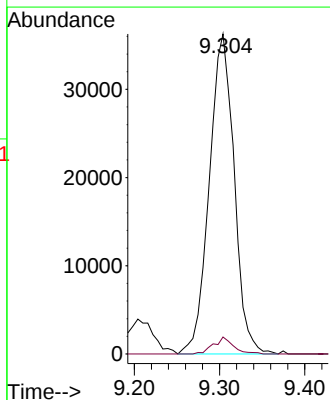
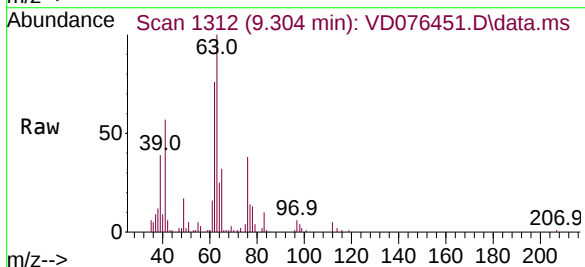
Instrument :
MSVOA_D
ClientSampleId :

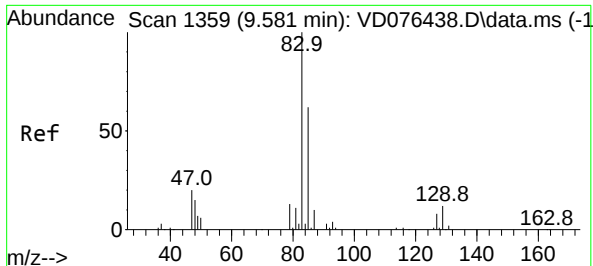
Tgt Ion:	83	Resp:	99260
Ion	Ratio	Lower	Upper
83	100		
55	74.4	59.8	89.6
98	48.9	37.8	56.6



#37
1,2-Dichloropropane
Concen: 23.927 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion:	63	Resp:	73642
Ion	Ratio	Lower	Upper
63	100		
112	4.2	3.1	4.7

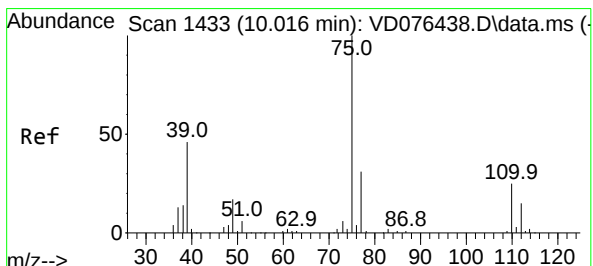
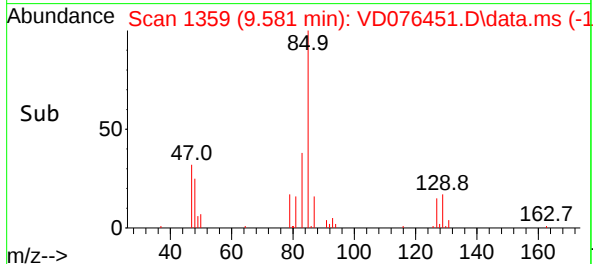
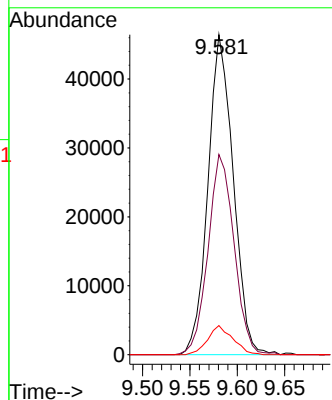
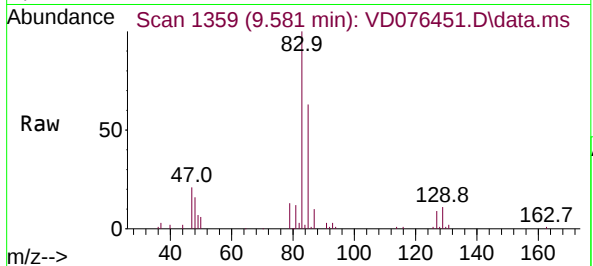




#38
Bromodichloromethane
Concen: 24.537 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

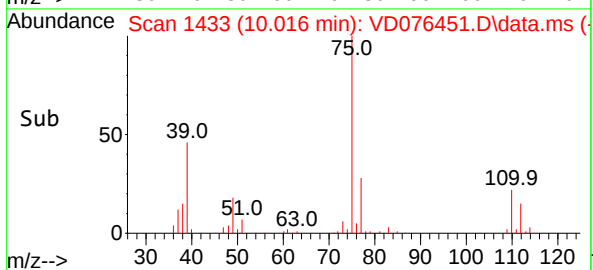
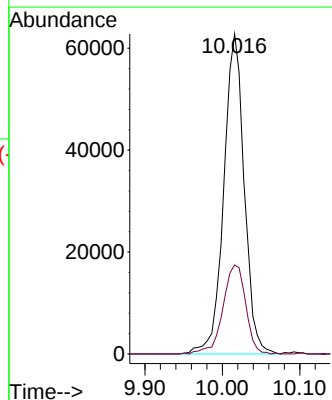
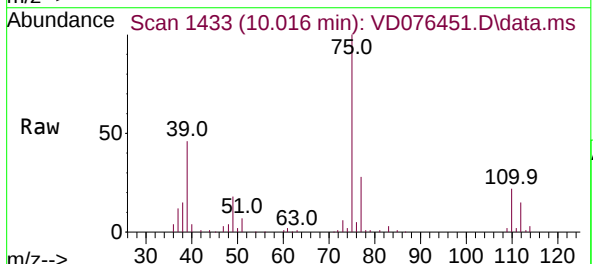
Instrument :
MSVOA_D
ClientSampleId :

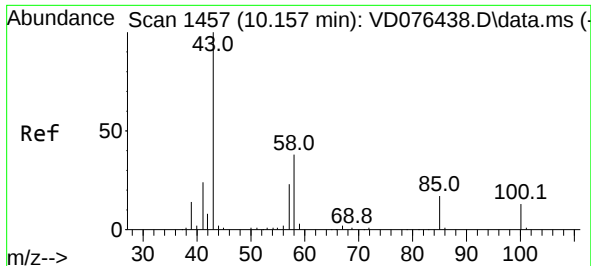
Tgt Ion: 83 Resp: 86134
Ion Ratio Lower Upper
83 100
85 62.5 43.9 81.5
127 9.1 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 24.553 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 75 Resp: 115393
Ion Ratio Lower Upper
75 100
77 27.8 22.7 42.3





#40

4-Methyl-2-pentanone

Concen: 54.496 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD076451.D

Acq: 15 Jun 2023 21:37

Instrument :

MSVOA_D

ClientSampleId :

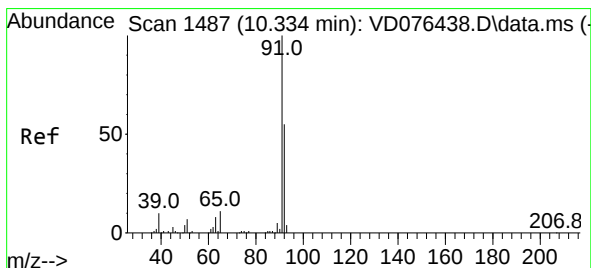
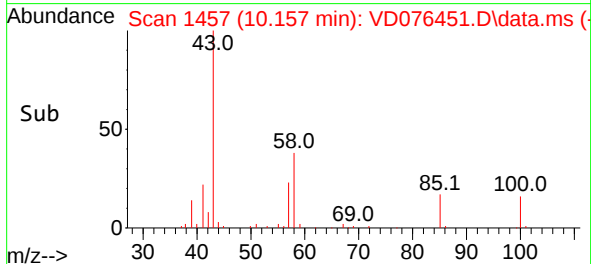
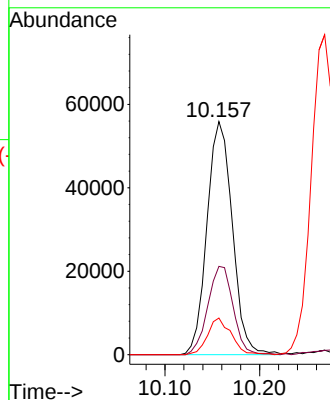
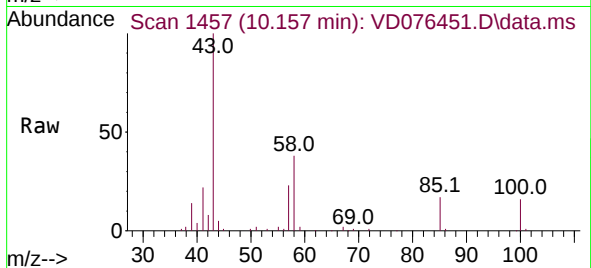
Tgt Ion: 43 Resp: 104341

Ion Ratio Lower Upper

43 100

58 37.5 30.7 46.1

100 14.6 11.0 16.4



#42

Toluene

Concen: 22.860 ug/L

RT: 10.333 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076451.D

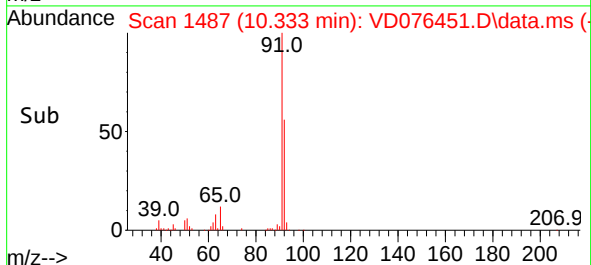
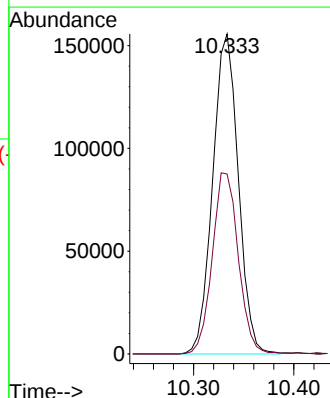
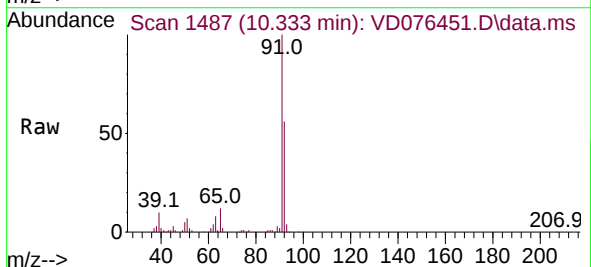
Acq: 15 Jun 2023 21:37

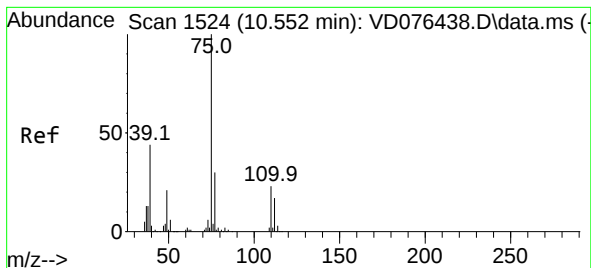
Tgt Ion: 91 Resp: 275780

Ion Ratio Lower Upper

91 100

92 56.2 39.3 73.1





#44

trans-1,3-Dichloropropene

Concen: 24.195 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD076451.D

Acq: 15 Jun 2023 21:37

Instrument :

MSVOA_D

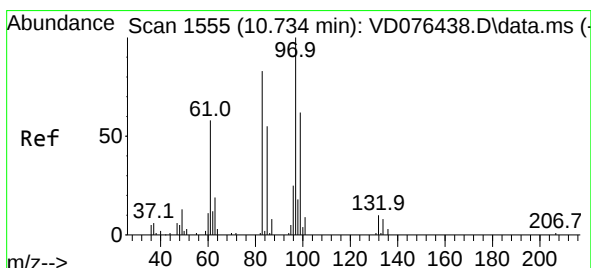
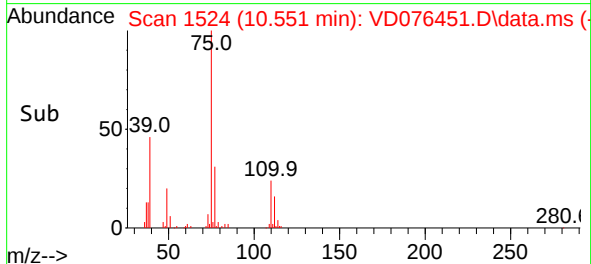
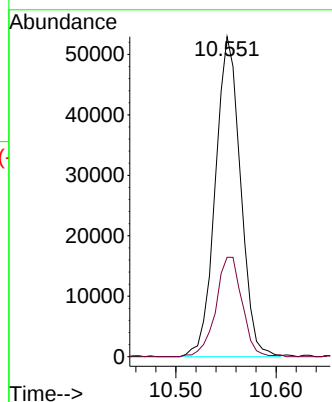
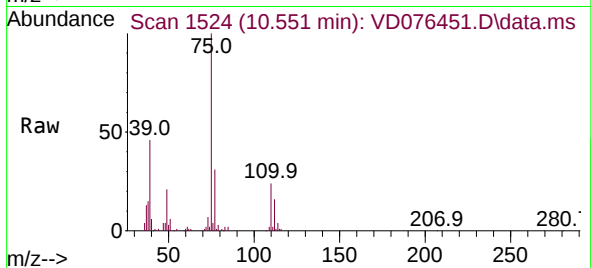
ClientSampleId :

Tgt Ion: 75 Resp: 92427

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7



#45

1,1,2-Trichloroethane

Concen: 25.846 ug/L

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076451.D

Acq: 15 Jun 2023 21:37

Tgt Ion: 97 Resp: 54564

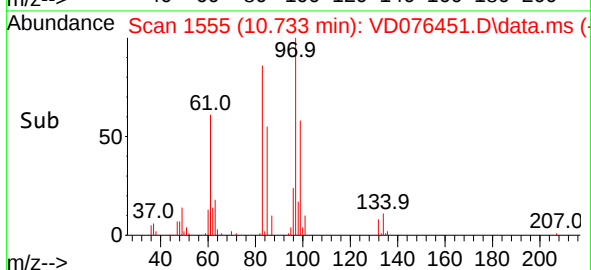
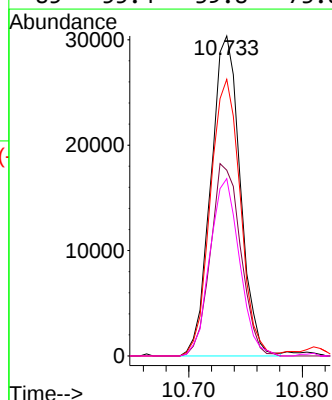
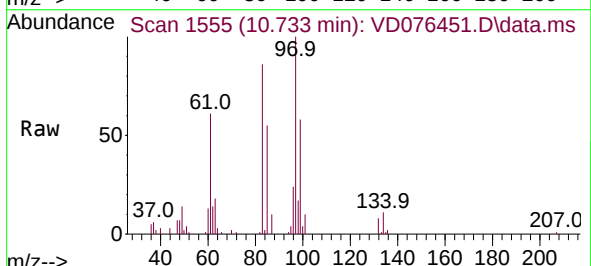
Ion Ratio Lower Upper

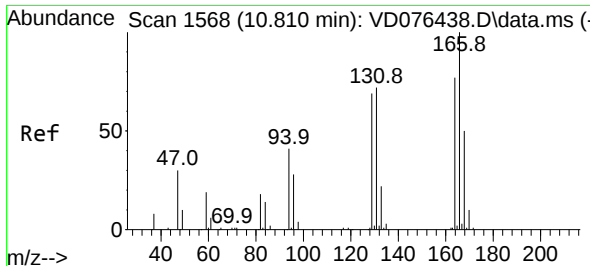
97 100

99 58.1 41.9 77.9

83 86.5 59.2 110.0

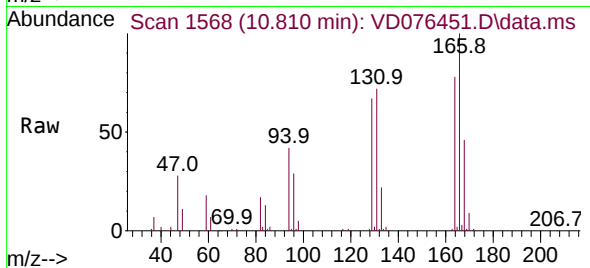
85 55.4 39.8 73.8



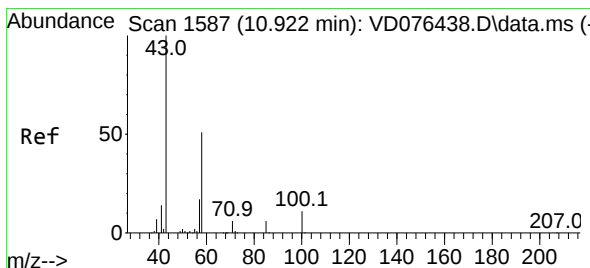
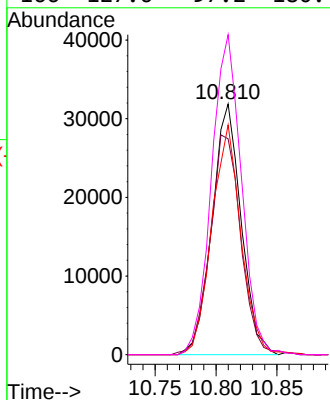
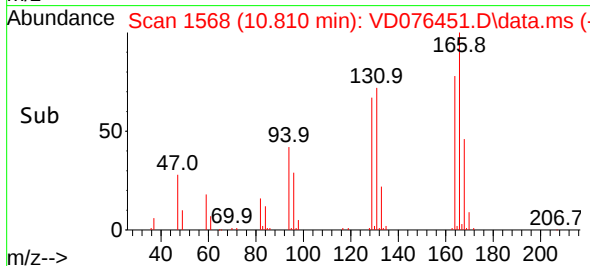


#46
Tetrachloroethene
Concen: 23.250 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

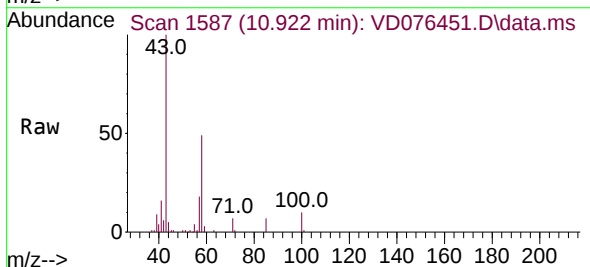
Instrument :
MSVOA_D
ClientSampleId :



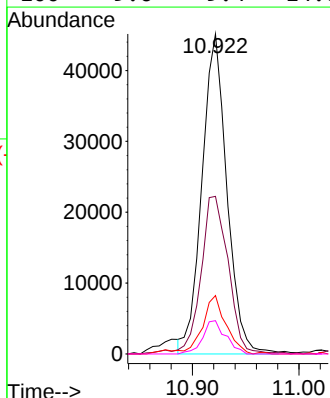
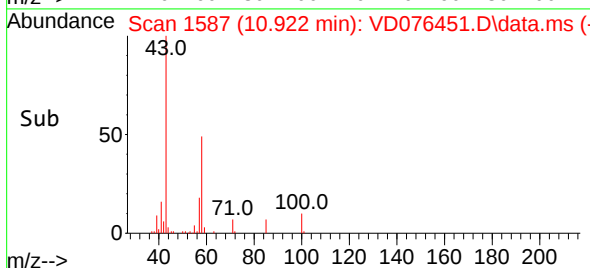
Tgt Ion:164 Resp: 53005
Ion Ratio Lower Upper
164 100
129 86.1 65.5 121.6
131 91.6 64.8 120.3
166 127.6 97.2 180.4

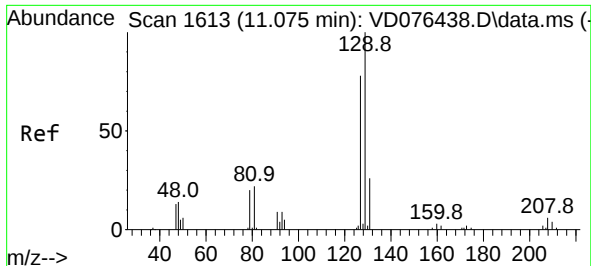


#48
2-Hexanone
Concen: 56.220 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37



Tgt Ion: 43 Resp: 73722
Ion Ratio Lower Upper
43 100
58 53.3 42.9 64.3
57 16.7 13.7 20.5
100 9.6 9.4 14.0





#49

Dibromochloromethane

Concen: 25.092 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD076451.D

Acq: 15 Jun 2023 21:37

Instrument :

MSVOA_D

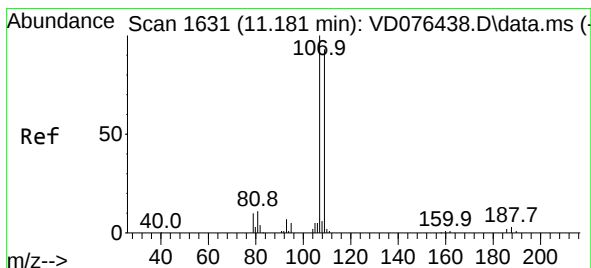
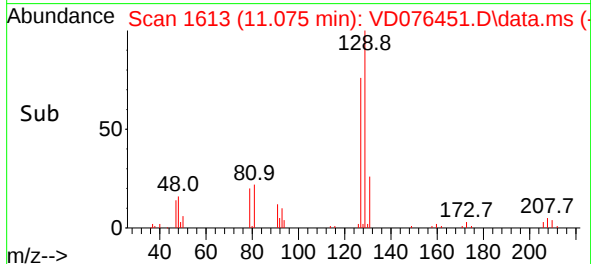
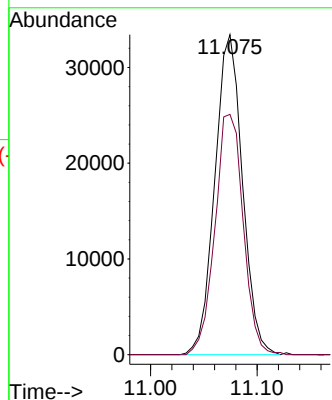
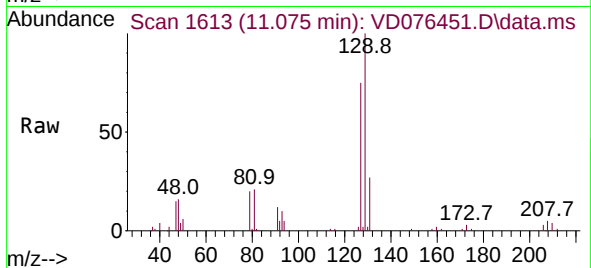
ClientSampleId :

Tgt Ion:129 Resp: 60200

Ion Ratio Lower Upper

129 100

127 75.1 55.2 102.6



#50

1,2-Dibromoethane

Concen: 25.557 ug/L

RT: 11.180 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD076451.D

Acq: 15 Jun 2023 21:37

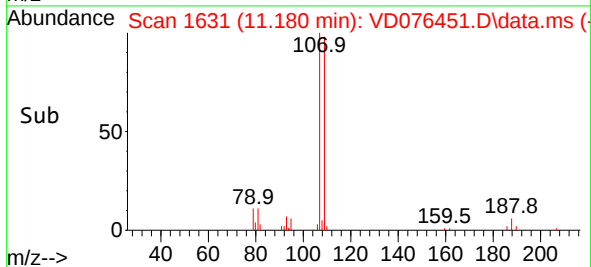
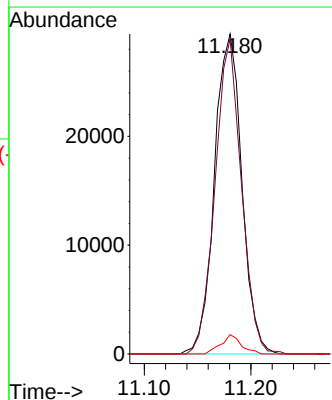
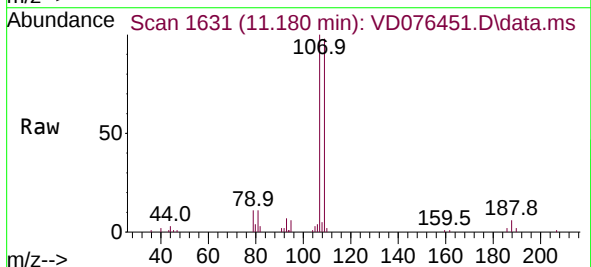
Tgt Ion:107 Resp: 52366

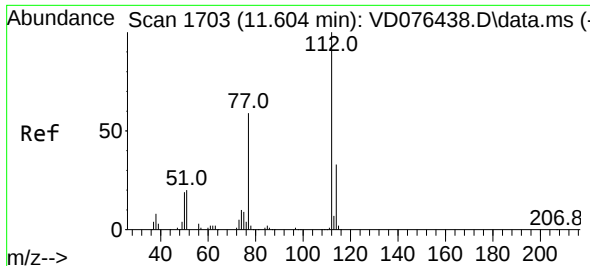
Ion Ratio Lower Upper

107 100

109 98.5 58.8 109.2

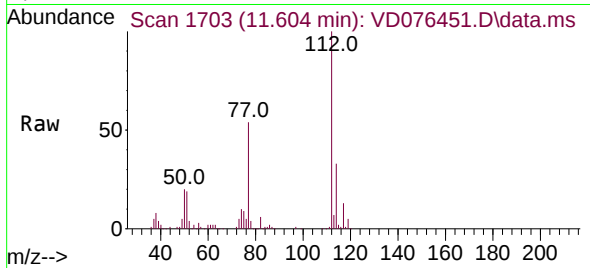
188 6.0 2.9 4.3#



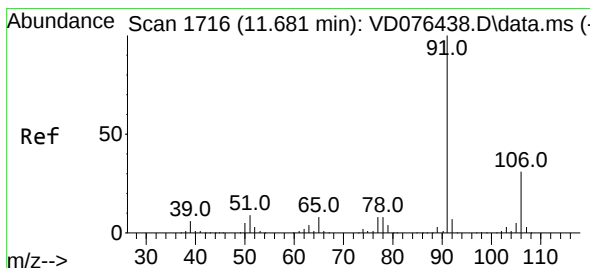
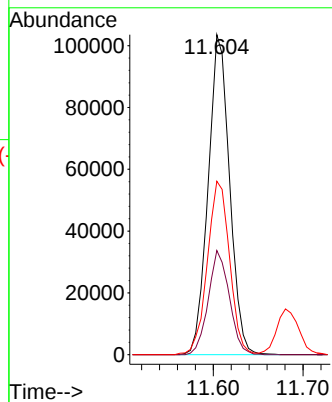
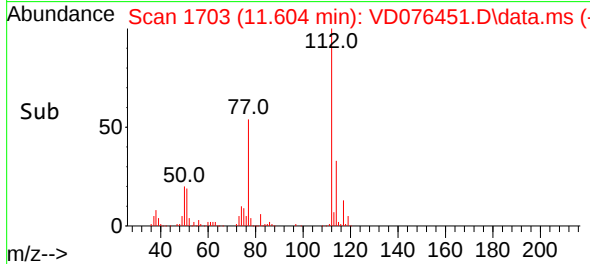


#51
Chlorobenzene
Concen: 22.814 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Instrument :
MSVOA_D
ClientSampleId :

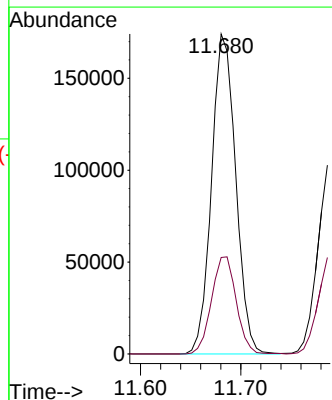
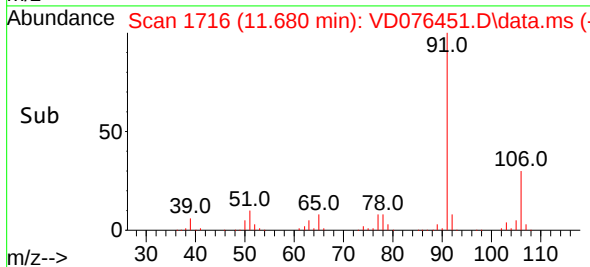
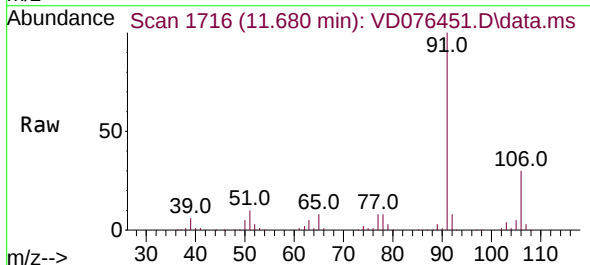


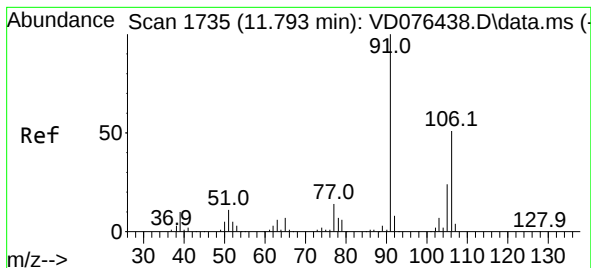
Tgt Ion:112 Resp: 171834
Ion Ratio Lower Upper
112 100
114 32.6 21.5 39.9
77 54.2 43.4 65.2



#52
Ethylbenzene
Concen: 22.422 ug/L
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 91 Resp: 291559
Ion Ratio Lower Upper
91 100
106 30.1 22.4 41.6





#53

m,p-Xylene

Concen: 21.798 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076451.D

Acq: 15 Jun 2023 21:37

Instrument :

MSVOA_D

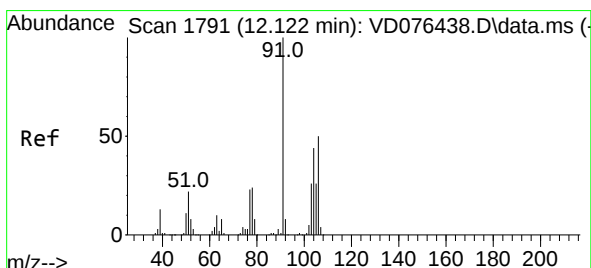
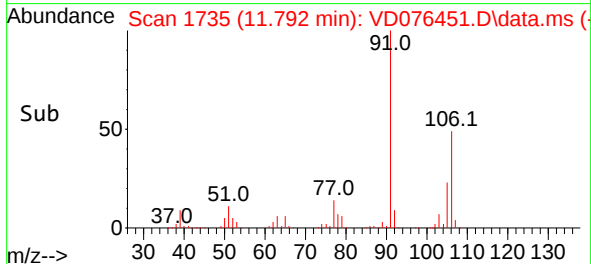
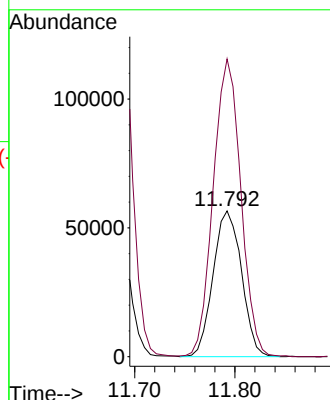
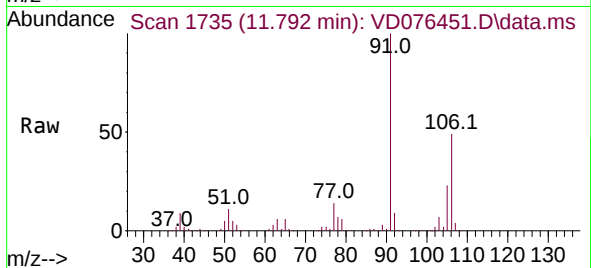
ClientSampleId :

Tgt Ion:106 Resp: 111388

Ion Ratio Lower Upper

106 100

91 204.2 141.5 262.9



#54

o-Xylene

Concen: 22.812 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD076451.D

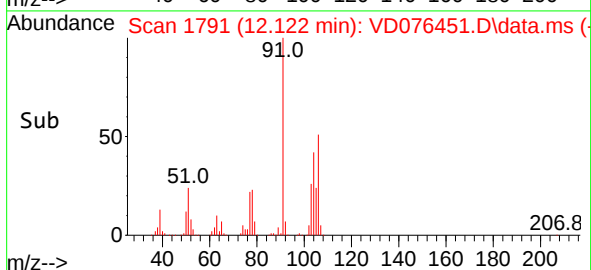
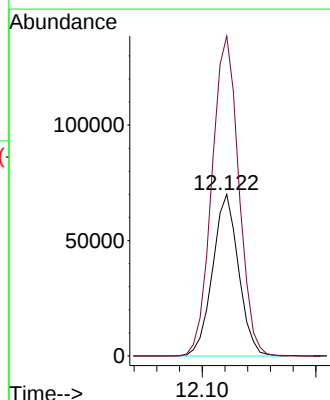
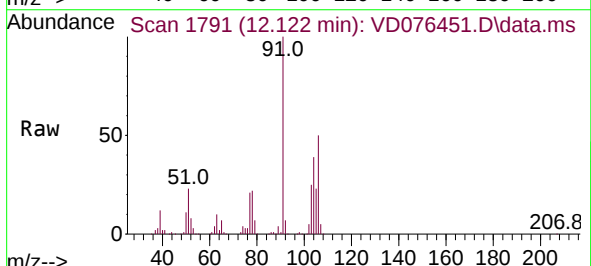
Acq: 15 Jun 2023 21:37

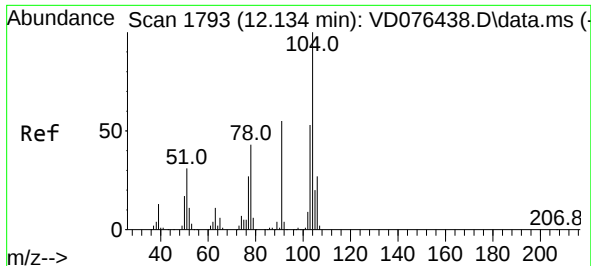
Tgt Ion:106 Resp: 110993

Ion Ratio Lower Upper

106 100

91 198.1 142.2 264.2

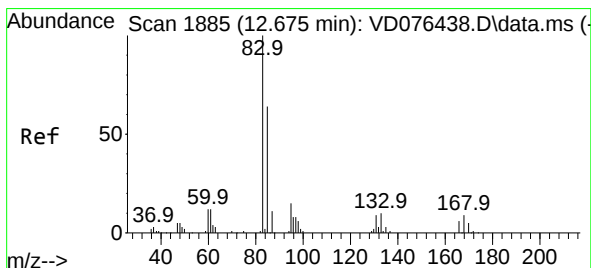
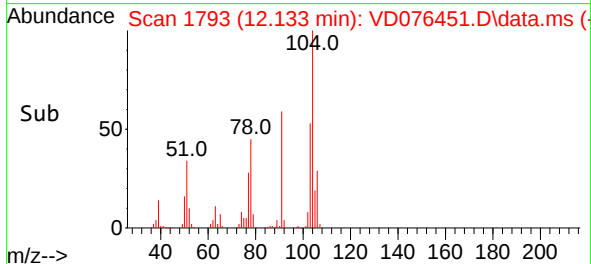
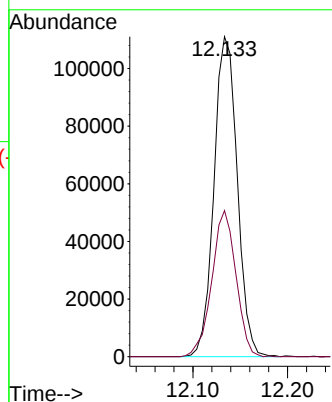
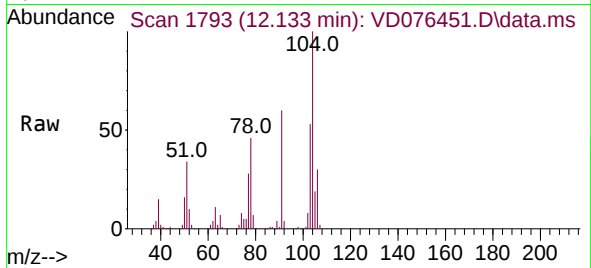




#55
Styrene
Concen: 22.618 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

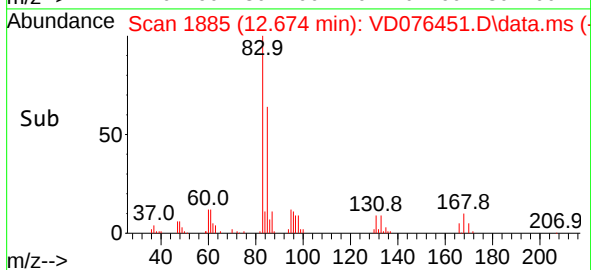
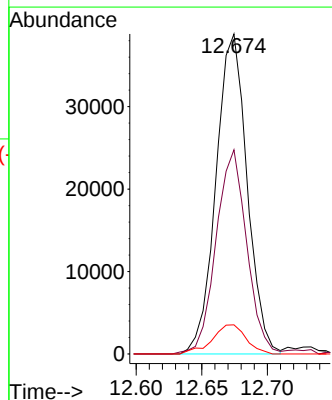
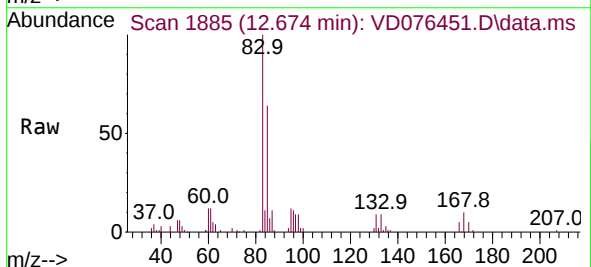
Instrument :
MSVOA_D
ClientSampleId :

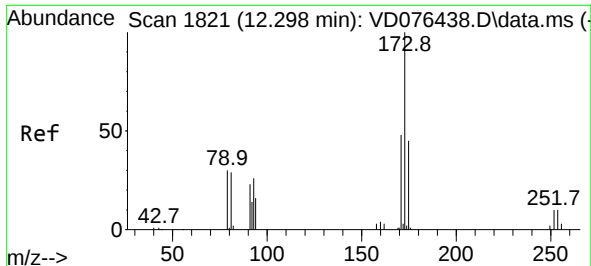
Tgt Ion:104 Resp: 190128
Ion Ratio Lower Upper
104 100
78 45.7 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 26.596 ug/L
RT: 12.674 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 83 Resp: 64168
Ion Ratio Lower Upper
83 100
85 63.8 46.3 86.1
131 9.1 7.0 10.4

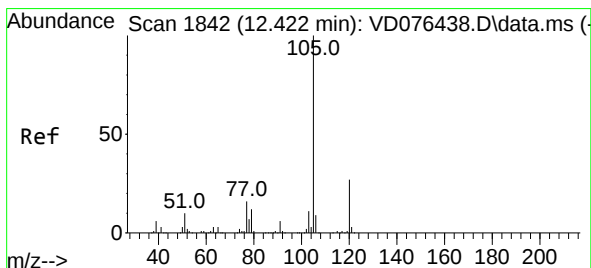
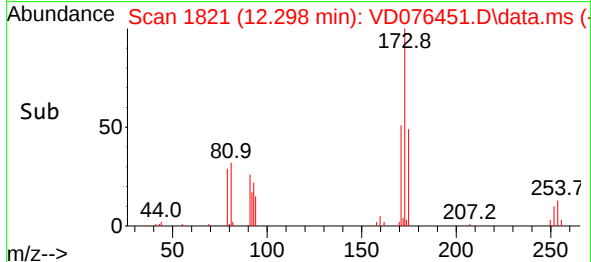
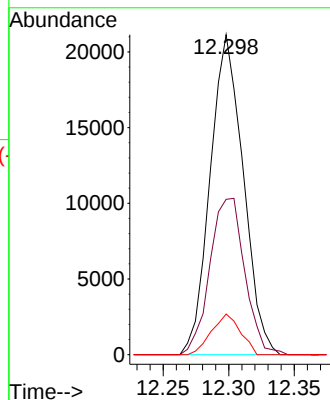
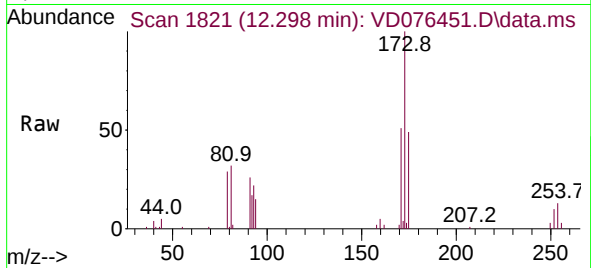




#59
Bromoform
Concen: 27.844 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

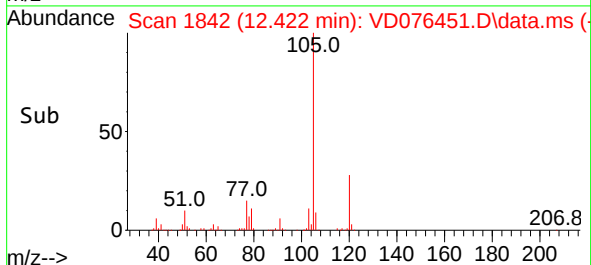
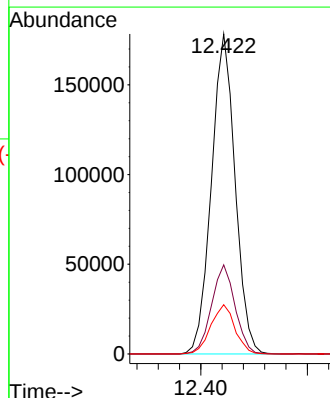
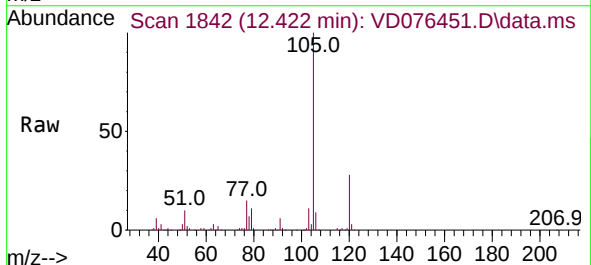
Instrument :
MSVOA_D
ClientSampleId :

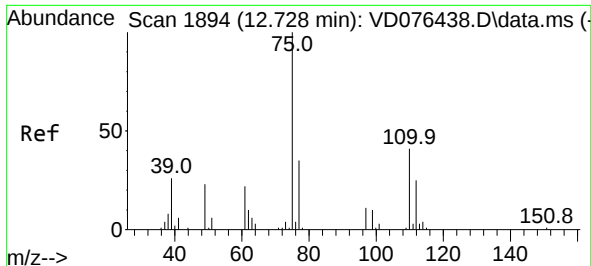
Tgt Ion:173 Resp: 37029
Ion Ratio Lower Upper
173 100
175 51.4 39.0 58.4
254 11.1 5.3 7.9#



#60
Isopropylbenzene
Concen: 24.191 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion:105 Resp: 274875
Ion Ratio Lower Upper
105 100
120 27.6 21.3 31.9
77 15.7 12.2 18.4

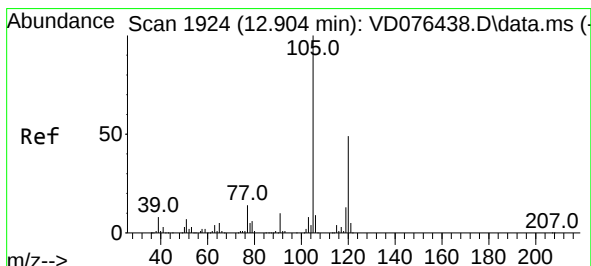
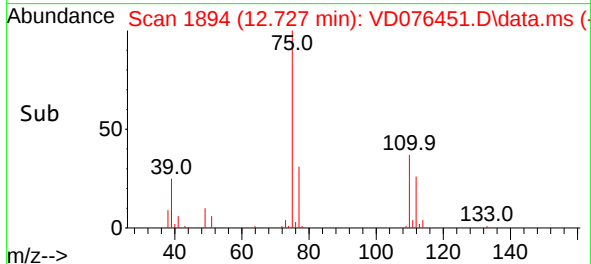
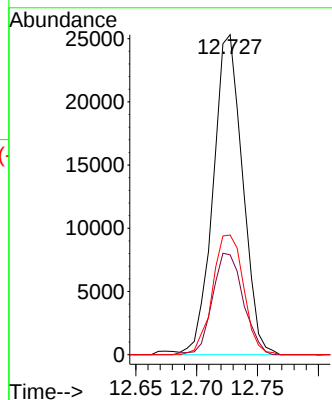
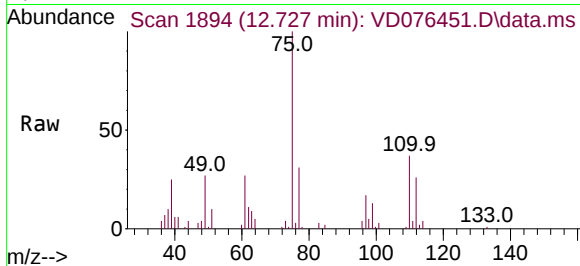




#61
1,2,3-Trichloropropane
Concen: 29.488 ug/L
RT: 12.727 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

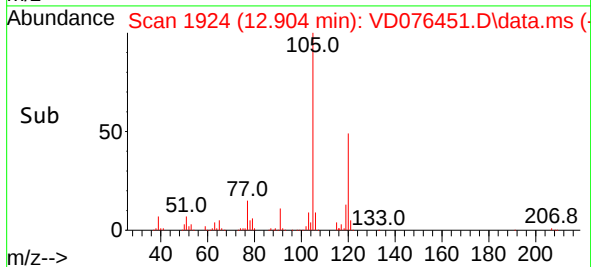
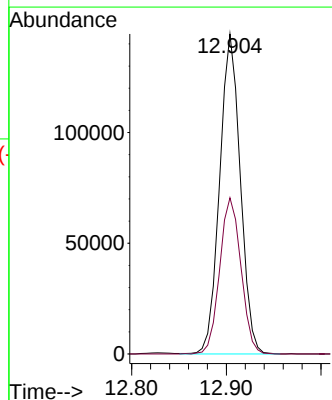
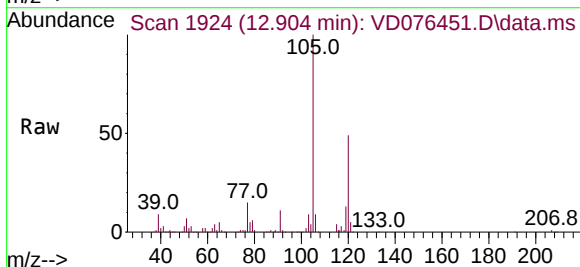
Instrument :
MSVOA_D
ClientSampleId :

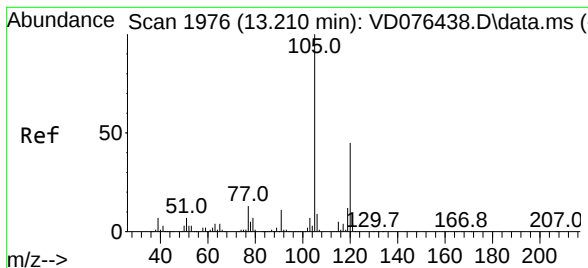
Tgt Ion: 75 Resp: 42513
Ion Ratio Lower Upper
75 100
77 33.0 27.2 40.8
110 39.5 31.8 47.6



#62
1,3,5-Trimethylbenzene
Concen: 24.127 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion: 105 Resp: 219336
Ion Ratio Lower Upper
105 100
120 50.0 39.8 59.6

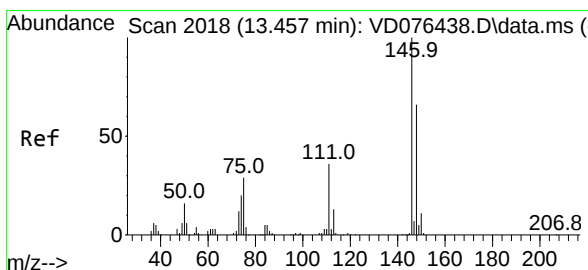
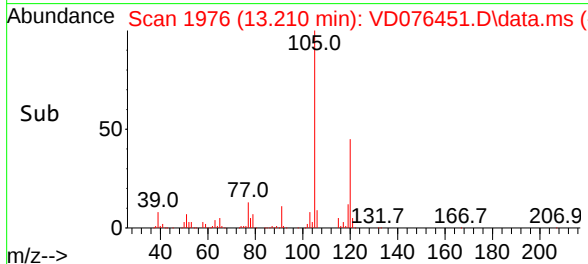
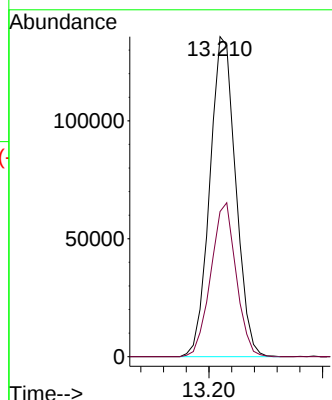
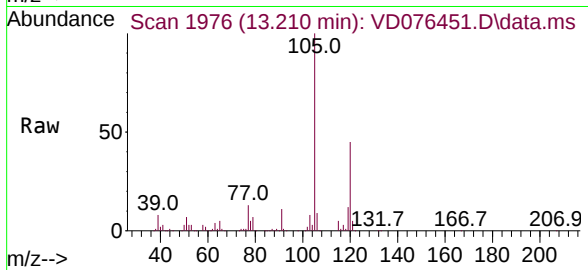




#63
 1,2,4-Trimethylbenzene
 Concen: 23.929 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD076451.D
 Acq: 15 Jun 2023 21:37

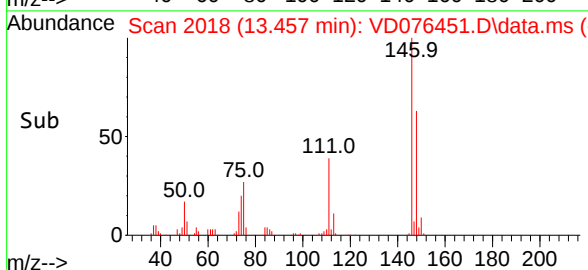
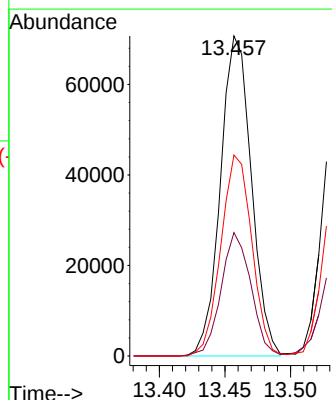
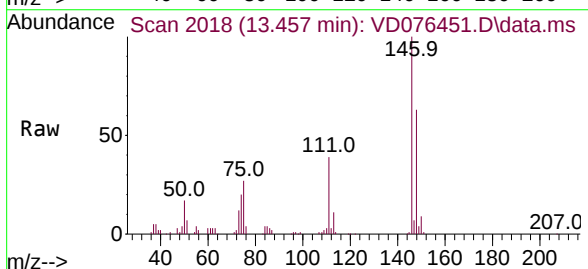
Instrument :
 MSVOA_D
 ClientSampleId :

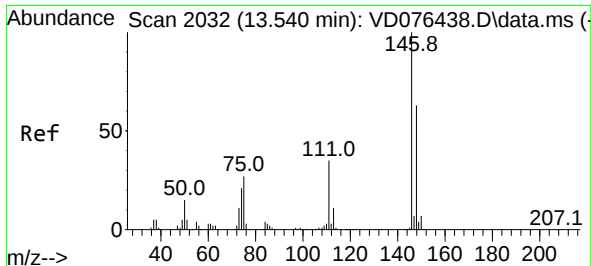
Tgt Ion:105 Resp: 214666
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.5 56.3



#64
 1,3-Dichlorobenzene
 Concen: 22.963 ug/L
 RT: 13.457 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: VD076451.D
 Acq: 15 Jun 2023 21:37

Tgt Ion:146 Resp: 116078
 Ion Ratio Lower Upper
 146 100
 111 38.5 25.6 47.4
 148 62.8 44.3 82.3

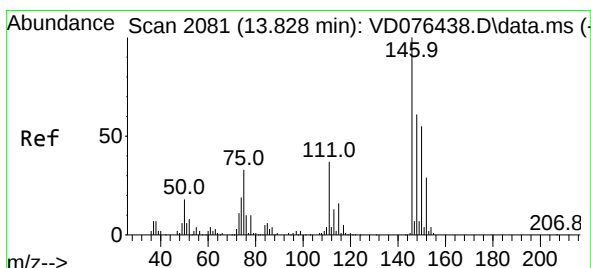
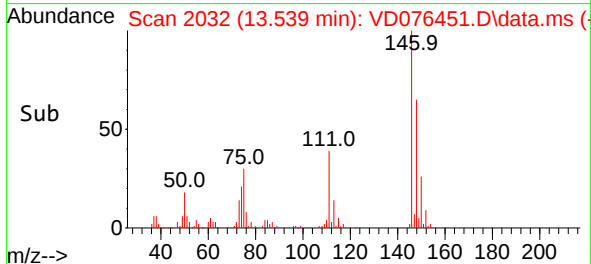
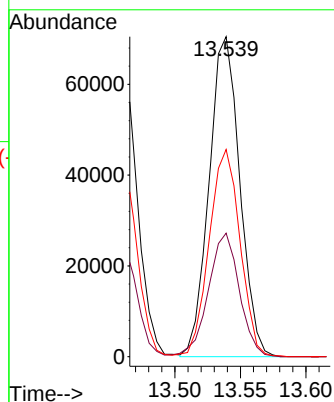
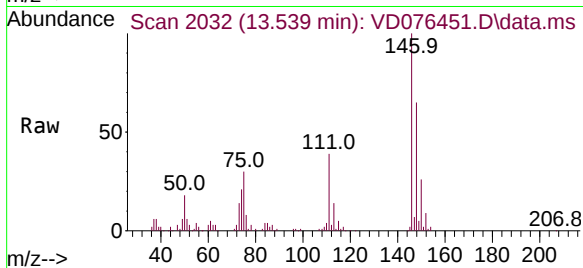




#65
1,4-Dichlorobenzene
Concen: 22.559 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

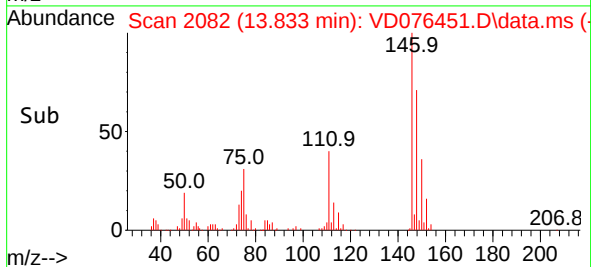
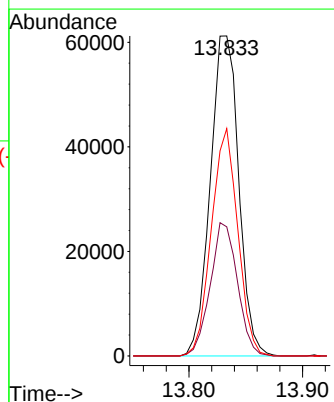
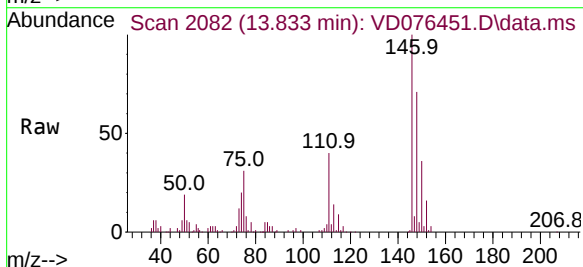
Instrument :
MSVOA_D
ClientSampleId :

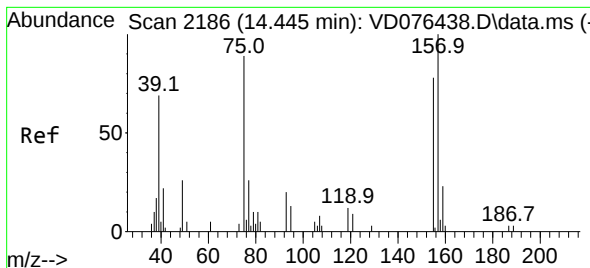
Tgt Ion:146 Resp: 114951
Ion Ratio Lower Upper
146 100
111 38.6 25.7 47.7
148 64.8 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 23.660 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. 0.005 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

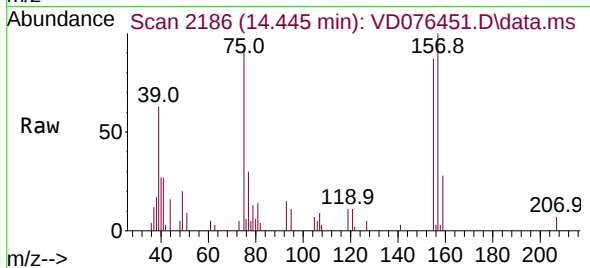
Tgt Ion:146 Resp: 106547
Ion Ratio Lower Upper
146 100
111 40.4 31.3 46.9
148 71.1 51.7 77.5



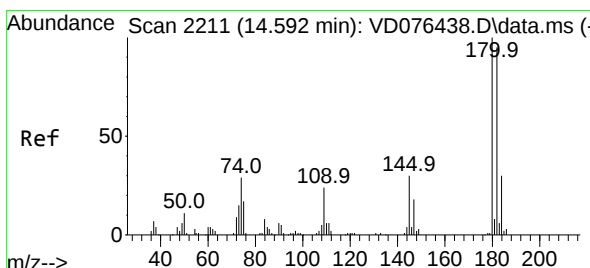
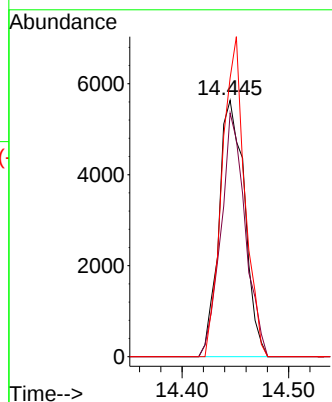
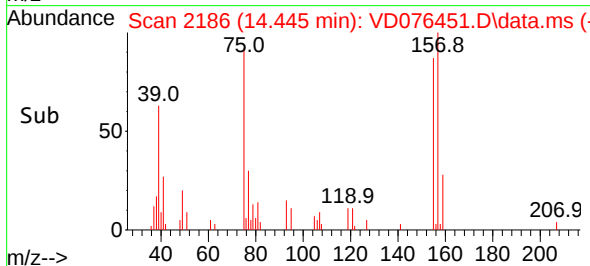


#68
 1,2-Dibromo-3-chloropropane
 Concen: 29.291 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD076451.D
 Acq: 15 Jun 2023 21:37

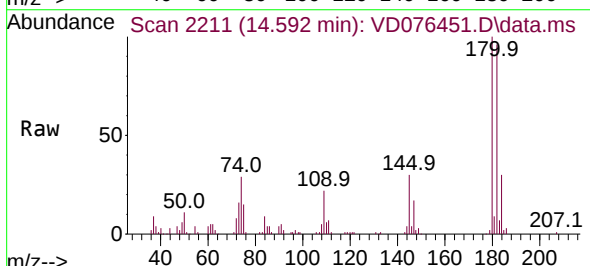
Instrument :
 MSVOA_D
 ClientSampleId :



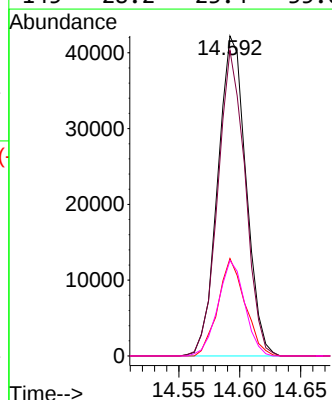
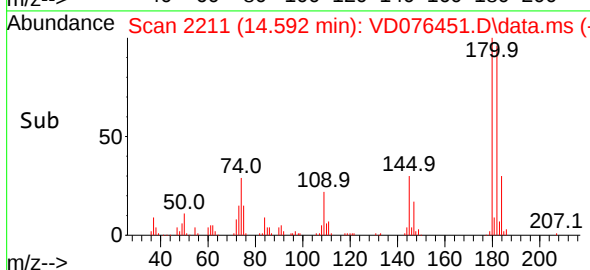
Tgt Ion: 75 Resp: 9411
 Ion Ratio Lower Upper
 75 100
 155 95.0 76.2 114.4
 157 108.7 89.4 134.2

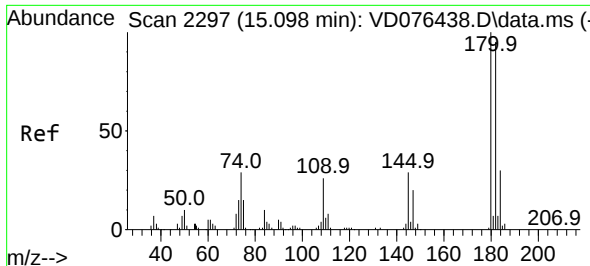


#69
 1,3,5-Trichlorobenzene
 Concen: 20.218 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD076451.D
 Acq: 15 Jun 2023 21:37



Tgt Ion: 180 Resp: 68170
 Ion Ratio Lower Upper
 180 100
 182 92.2 77.1 115.7
 184 29.2 25.0 37.4
 145 28.2 23.4 35.0

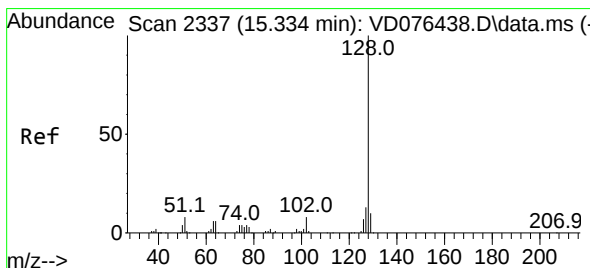
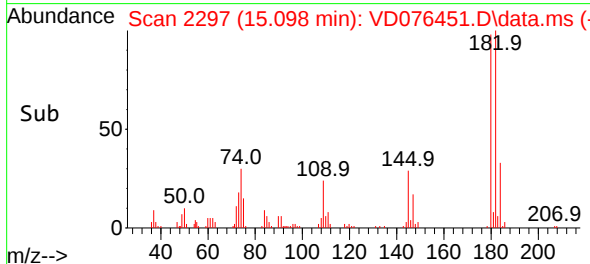
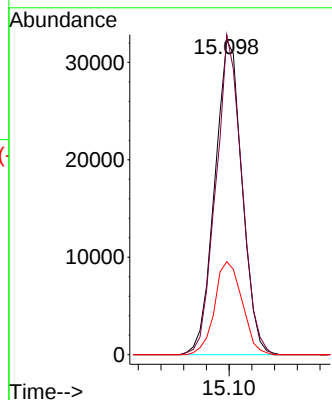
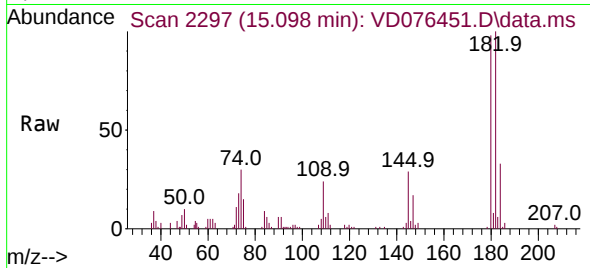




#70
1,2,4-trichlorobenzene
Concen: 17.946 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

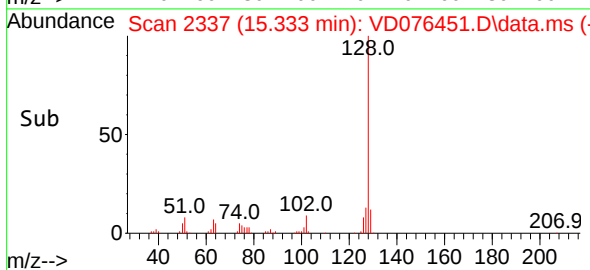
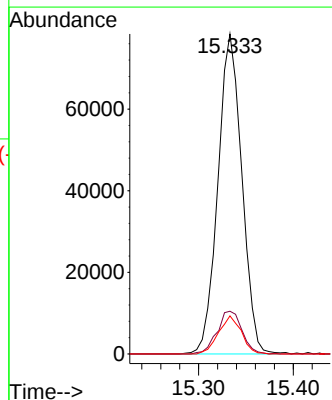
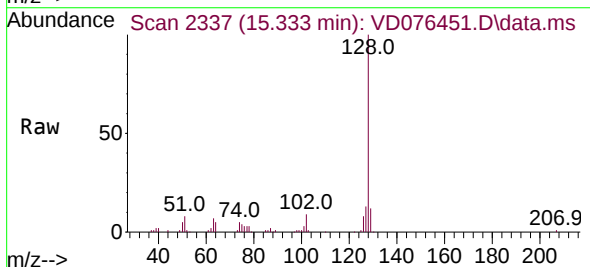
Instrument :
MSVOA_D
ClientSampleId :

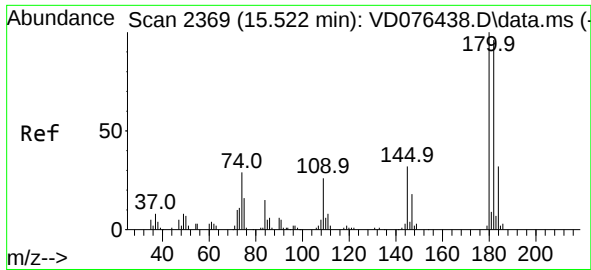
Tgt Ion:180 Resp: 53839
Ion Ratio Lower Upper
180 100
182 96.8 76.9 115.3
145 29.8 23.5 35.3



#71
Naphthalene
Concen: 24.014 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076451.D
Acq: 15 Jun 2023 21:37

Tgt Ion:128 Resp: 137933
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 11.3 8.6 12.8





#72

1,2,3-Trichlorobenzene

Concen: 18.633 ug/L

RT: 15.521 min Scan# 21

Delta R.T. -0.000 min

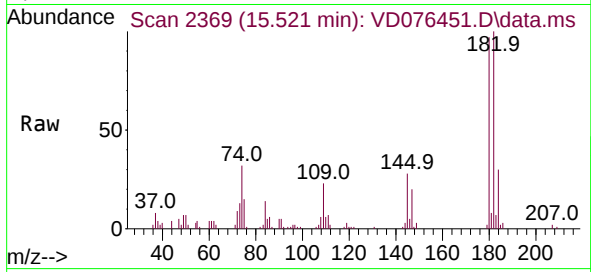
Lab File: VD076451.D

Acq: 15 Jun 2023 21:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 48545

Ion Ratio Lower Upper

180 100

182 98.0 74.3 111.5

145 29.9 25.0 37.6

