

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076958.D
 Acq On : 10 Aug 2023 11:51
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 02:48:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	281127	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	285341	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	154078	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	153681	19.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
7) Chloroethane-d5	2.793	69	150721	21.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.360%
11) 1,1-Dichloroethene-d2	3.911	65	36990	20.192	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.760%
21) 2-Butanone-d5	6.981	46	66327	53.436	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.880%
24) Chloroform-d	7.563	84	209432	22.878	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.520%
26) 1,2-Dichloroethane-d4	8.228	65	106783	23.400	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	8.199	84	417352	23.264	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.040%
36) 1,2-Dichloropropane-d6	9.210	67	124497	22.571	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.280%
41) Toluene-d8	10.269	98	390343	23.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.920%
43) trans-1,3-Dichloroprop...	10.528	79	56598	22.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.800%
47) 2-Hexanone-d5	10.881	63	59156	56.145	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	134976	25.324	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	138004	24.499	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	104318	22.387	ug/L	98
3) Chloromethane	2.146	50	156284	25.852	ug/L	99
5) Vinyl chloride	2.276	62	211543	24.470	ug/L	95
6) Bromomethane	2.687	94	143878	22.296	ug/L	98
8) Chloroethane	2.828	64	143062	24.582	ug/L	98
9) Trichlorofluoromethane	3.164	101	175338	24.497	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	114279	24.502	ug/L	98
12) 1,1-Dichloroethene	3.934	96	102884	24.877	ug/L	84
13) Acetone	4.017	43	87774	69.153	ug/L	95
14) Carbon disulfide	4.264	76	357230	24.887	ug/L	100
15) Methyl Acetate	4.564	43	57094	26.613	ug/L #	89
16) Methylene chloride	4.793	84	133325	22.609	ug/L	77
17) trans-1,2-Dichloroethene	5.305	96	116135	24.801	ug/L	88
18) Methyl tert-butyl Ether	5.311	73	274551	26.539	ug/L	95
19) 1,1-Dichloroethane	6.111	63	189907	24.289	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	134982	25.822	ug/L	87
22) 2-Butanone	7.075	43	100911	56.824	ug/L	86
23) Bromochloromethane	7.422	128	64917	25.604	ug/L #	75
25) Chloroform	7.593	83	216330	25.263	ug/L	96

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 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

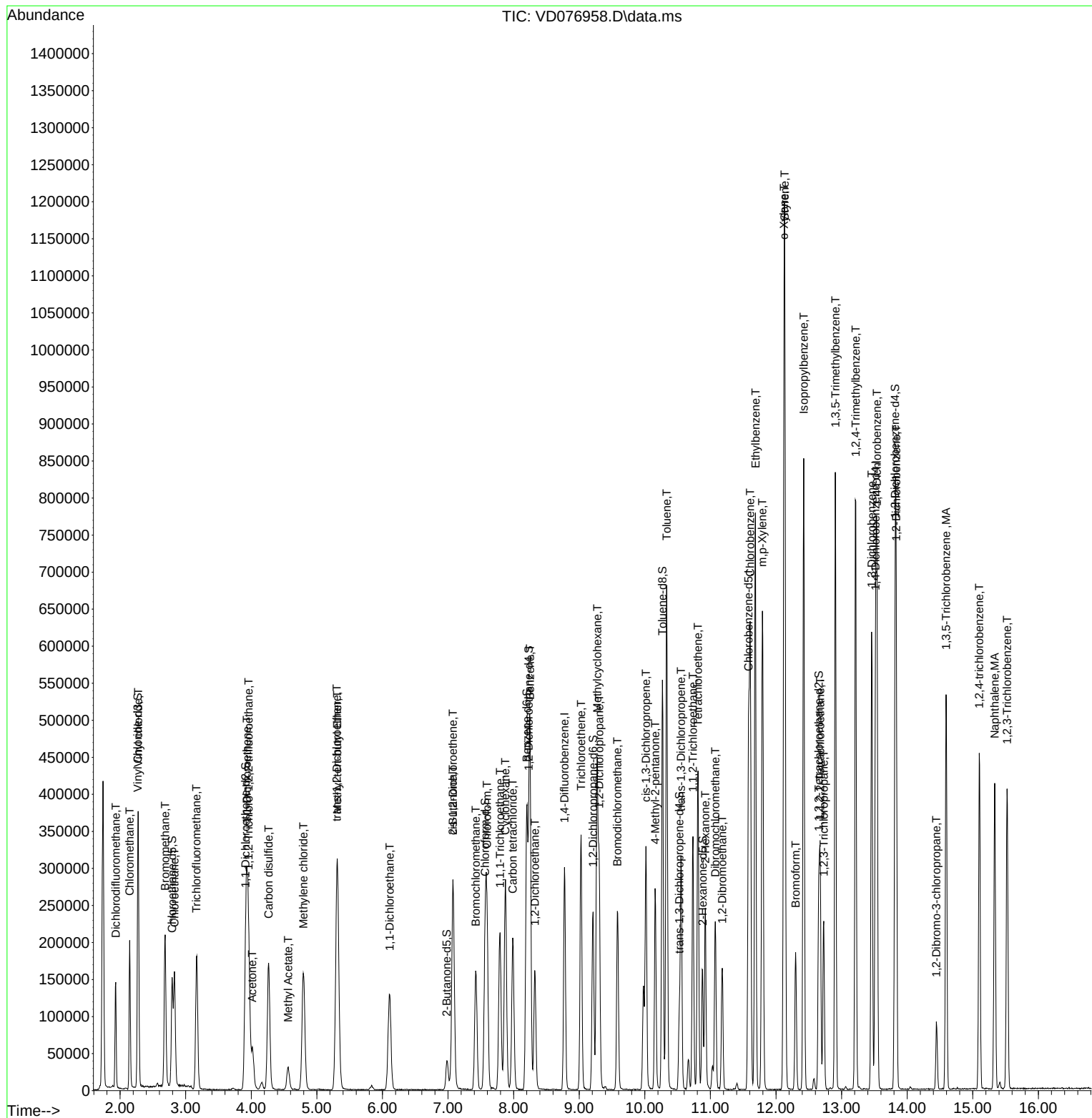
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	139383	25.971	ug/L	97
29) Cyclohexane	7.875	56	149371	23.780	ug/L #	81
30) 1,1,1-Trichloroethane	7.793	97	179834	25.435	ug/L	95
31) Carbon tetrachloride	7.987	117	152500	26.355	ug/L	97
33) Benzene	8.252	78	485323	25.948	ug/L	100
34) Trichloroethene	9.028	95	123529	25.361	ug/L	98
35) Methylcyclohexane	9.275	83	194879	24.534	ug/L	90
37) 1,2-Dichloropropane	9.305	63	120459	25.353	ug/L #	97
38) Bromodichloromethane	9.581	83	167347	25.577	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	202958	26.468	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	166557	55.638	ug/L #	89
42) Toluene	10.334	91	527991	25.961	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	178204	26.591	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	111327	26.364	ug/L	98
46) Tetrachloroethene	10.810	164	98071	26.715	ug/L	94
48) 2-Hexanone	10.922	43	145588	63.240	ug/L #	89
49) Dibromochloromethane	11.075	129	124487	26.500	ug/L	95
50) 1,2-Dibromoethane	11.181	107	113614	27.588	ug/L	92
51) Chlorobenzene	11.604	112	342923	25.879	ug/L	96
52) Ethylbenzene	11.687	91	570836	26.340	ug/L	97
53) m,p-Xylene	11.793	106	222177	26.569	ug/L	96
54) o-Xylene	12.122	106	215160	26.752	ug/L	99
55) Styrene	12.134	104	397141	27.311	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	138857	26.588	ug/L	99
59) Bromoform	12.299	173	80785	26.438	ug/L #	99
60) Isopropylbenzene	12.422	105	563362	25.424	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	94301	26.224	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	437290	25.905	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	443872	26.421	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	263618	26.067	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	271785	25.999	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	247724	26.130	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	20768	25.205	ug/L	99
69) 1,3,5-Trichlorobenzene	14.593	180	167260	26.429	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	150220	26.984	ug/L	96
71) Naphthalene	15.334	128	360731	27.558	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	140236	27.777	ug/L	100

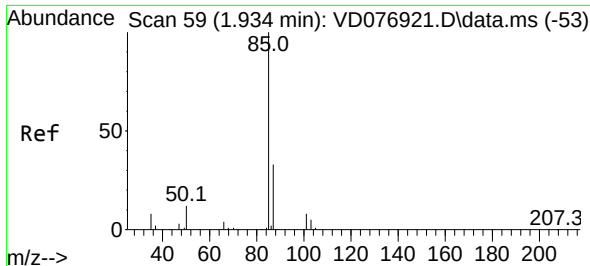
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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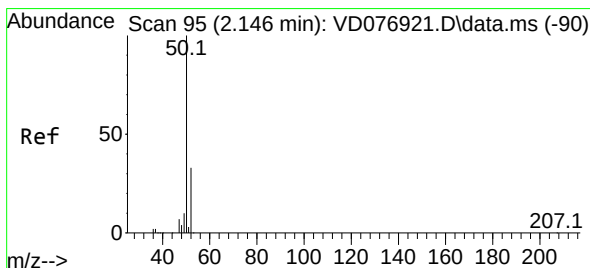
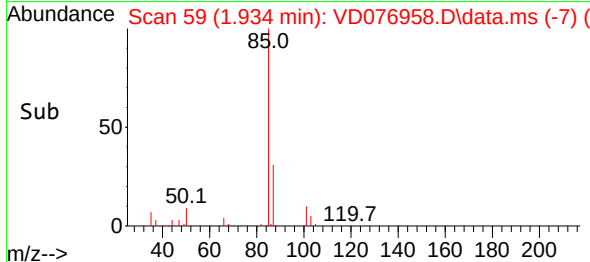
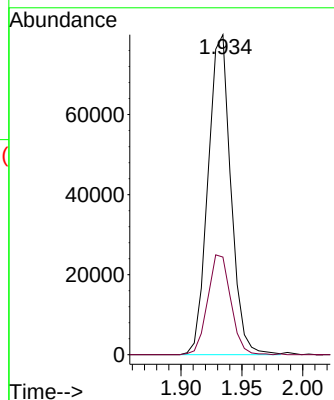
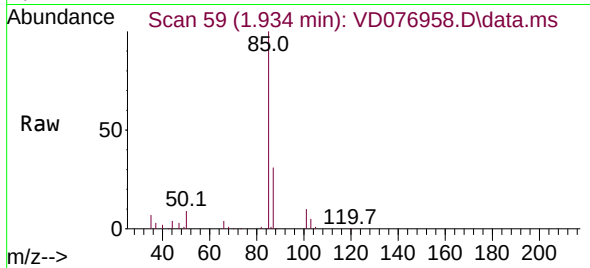




#2
 Dichlorodifluoromethane
 Concen: 22.387 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.006 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51

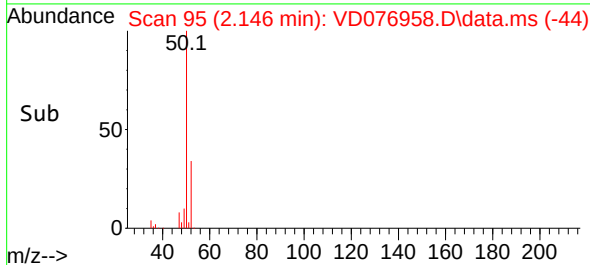
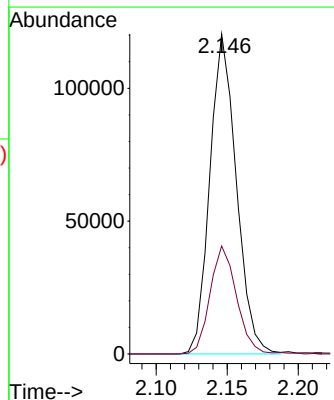
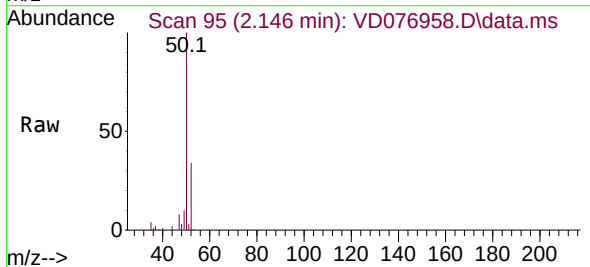
Instrument :
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 ClientSampleId :

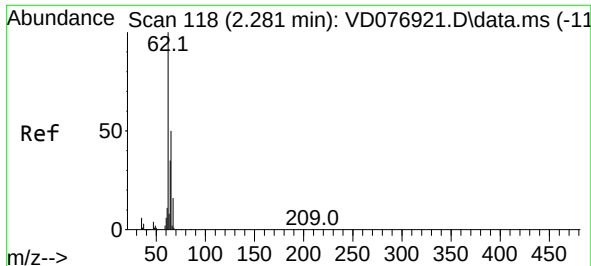
Tgt Ion: 85 Resp: 104318
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.3 39.5



#3
 Chloromethane
 Concen: 25.852 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51

Tgt Ion: 50 Resp: 156284
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2

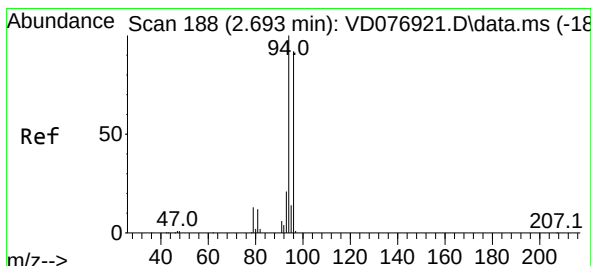
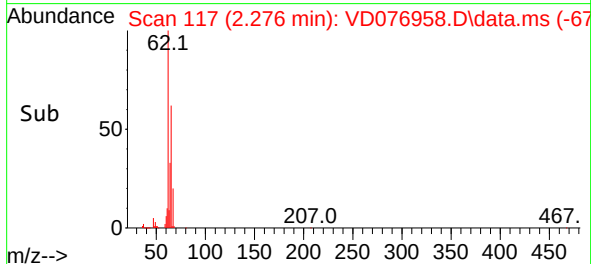
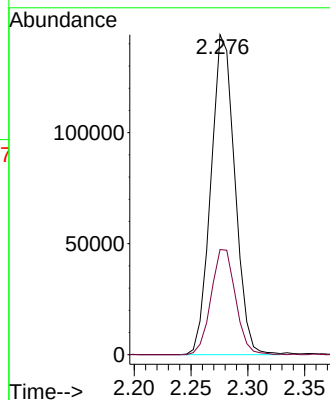
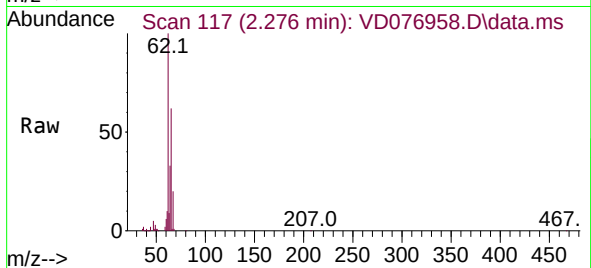




#5
 Vinyl chloride
 Concen: 24.470 ug/L
 RT: 2.276 min Scan# 117
 Delta R.T. -0.006 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51

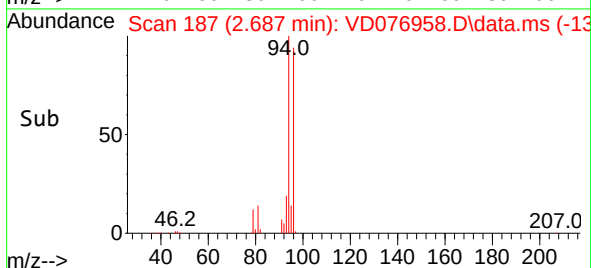
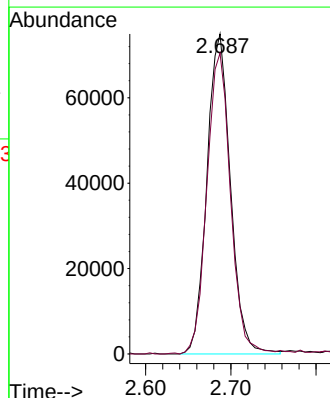
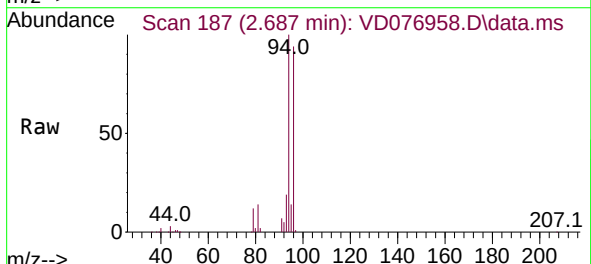
Instrument :
 MSVOA_D
 ClientSampleId :

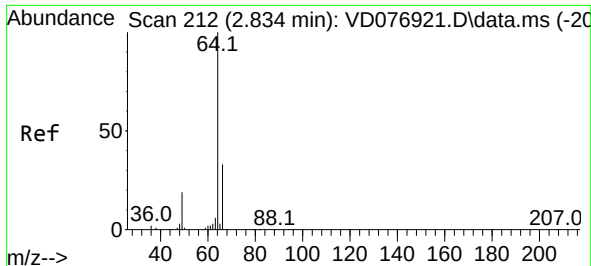
Tgt Ion: 62 Resp: 211543
 Ion Ratio Lower Upper
 62 100
 64 32.8 21.1 39.1



#6
 Bromomethane
 Concen: 22.296 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51

Tgt Ion: 94 Resp: 143878
 Ion Ratio Lower Upper
 94 100
 96 94.0 64.7 120.1

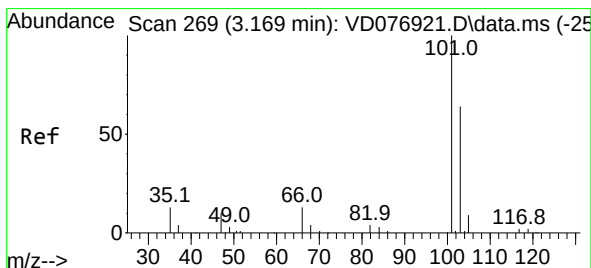
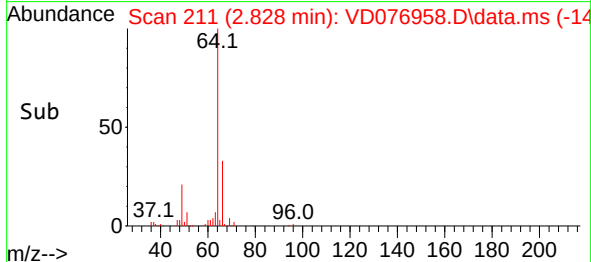
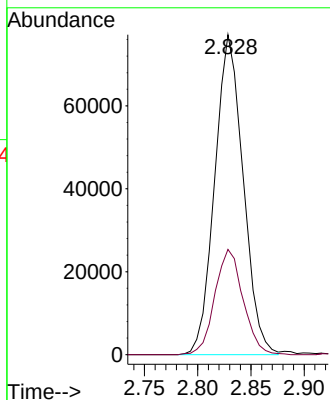
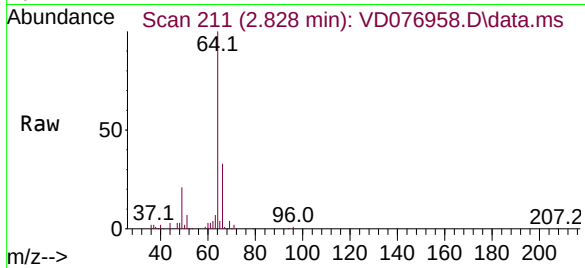




#8
Chloroethane
Concen: 24.582 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

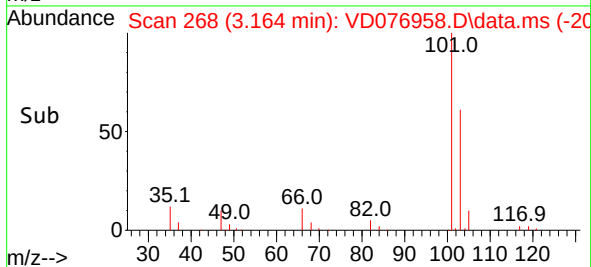
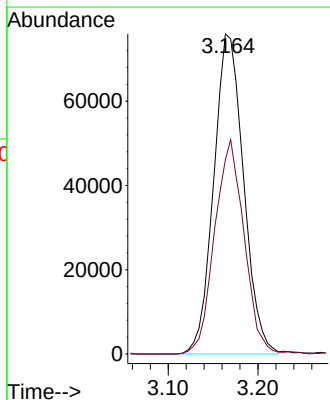
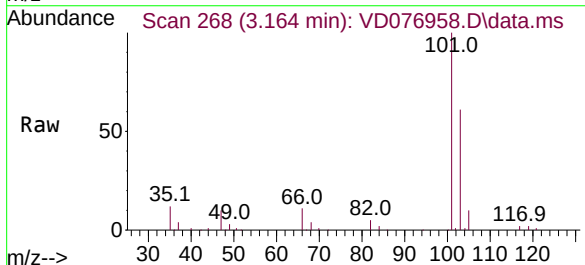
Instrument :
MSVOA_D
ClientSampleId :

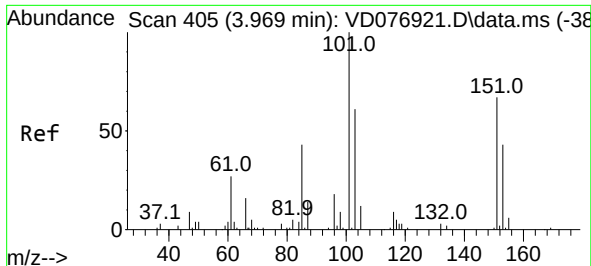
Tgt Ion: 64 Resp: 143062
Ion Ratio Lower Upper
64 100
66 32.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 24.497 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion:101 Resp: 175338
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.6





#10

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

Concen: 24.502 ug/L

RT: 3.958 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

ClientSampleId :

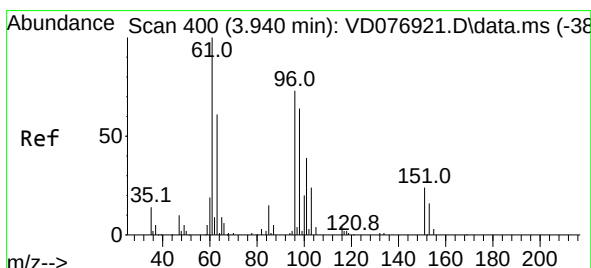
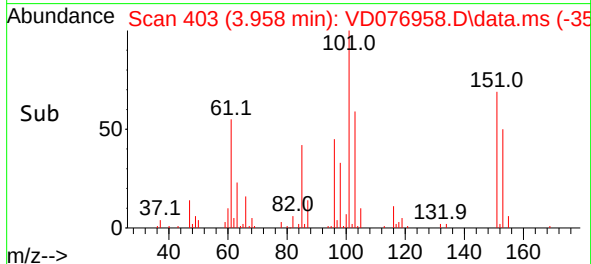
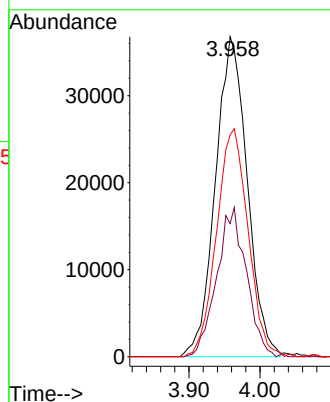
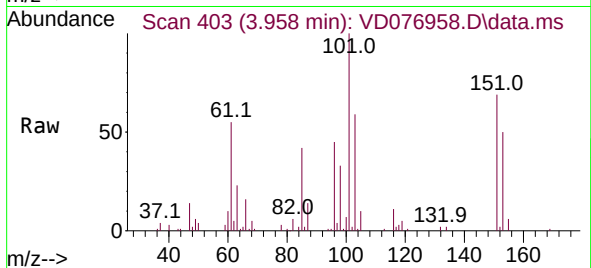
Tgt Ion:101 Resp: 114279

Ion Ratio Lower Upper

101 100

85 43.4 35.5 53.3

151 70.6 58.6 87.8



#12

1,1-Dichloroethene

Concen: 24.877 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

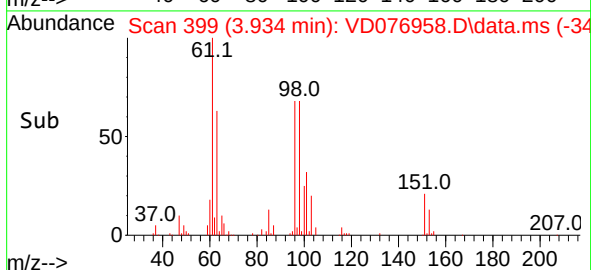
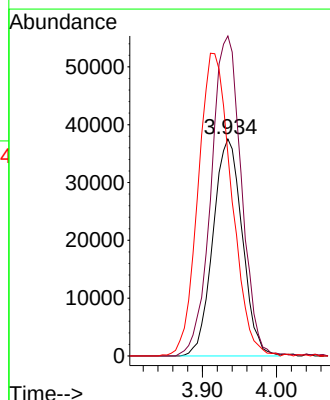
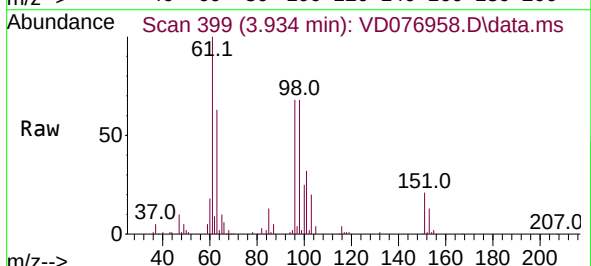
Tgt Ion: 96 Resp: 102884

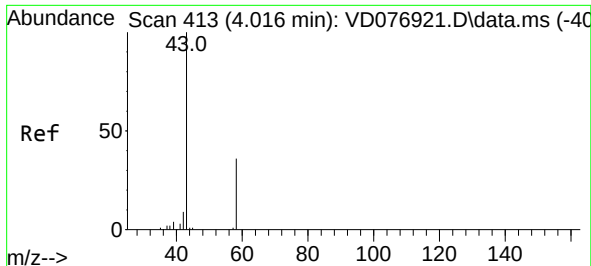
Ion Ratio Lower Upper

96 100

61 147.5 113.0 209.8

63 93.0 83.6 155.2





#13

Acetone

Concen: 69.153 ug/L

RT: 4.017 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

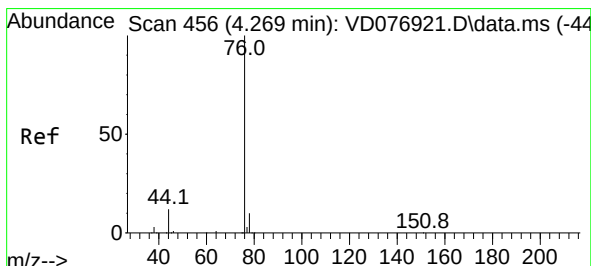
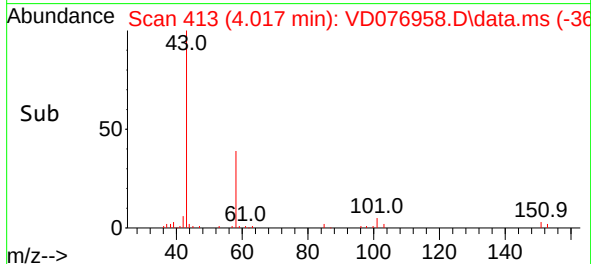
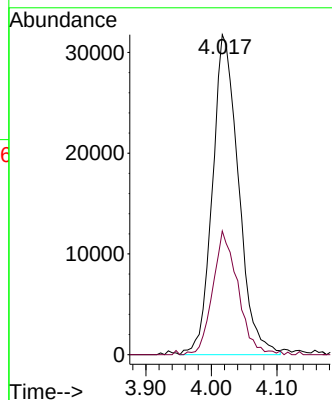
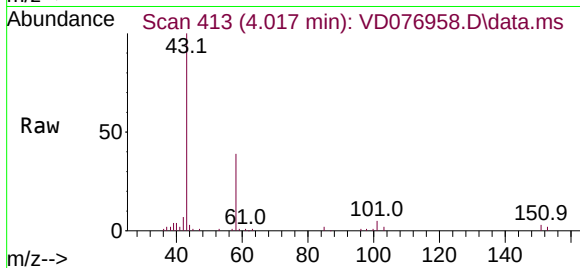
ClientSampleId :

Tgt Ion: 43 Resp: 87774

Ion Ratio Lower Upper

43 100

58 36.7 0.0 67.4



#14

Carbon disulfide

Concen: 24.887 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD076958.D

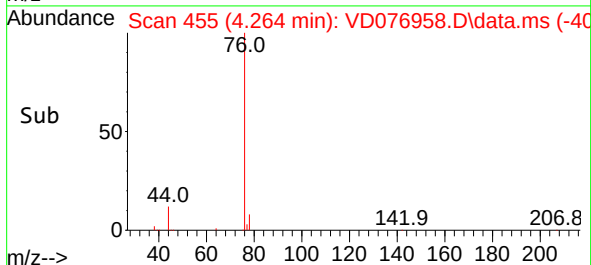
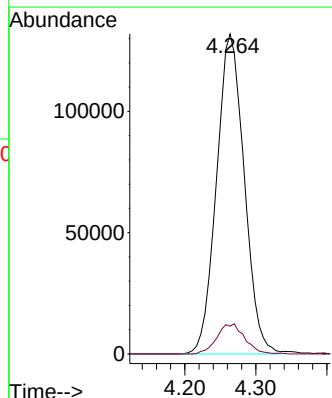
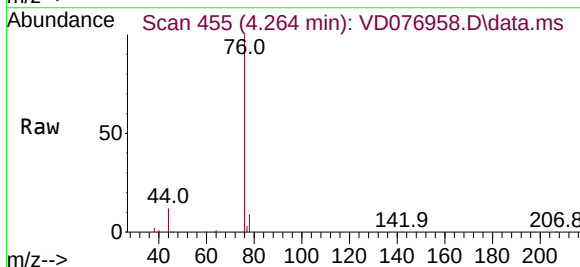
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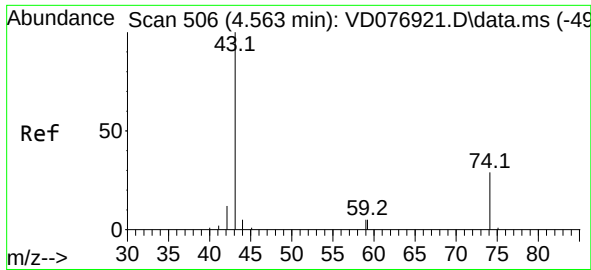
Tgt Ion: 76 Resp: 357230

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

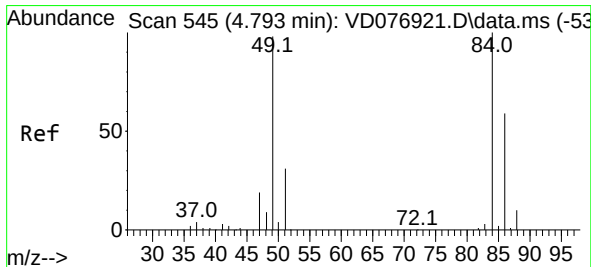
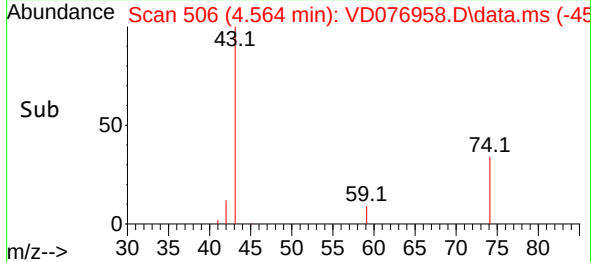
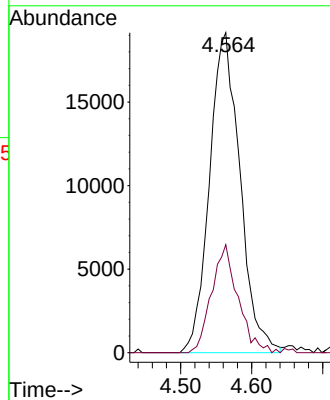
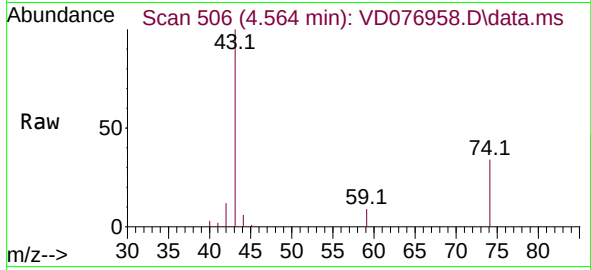




#15
Methyl Acetate
Concen: 26.613 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

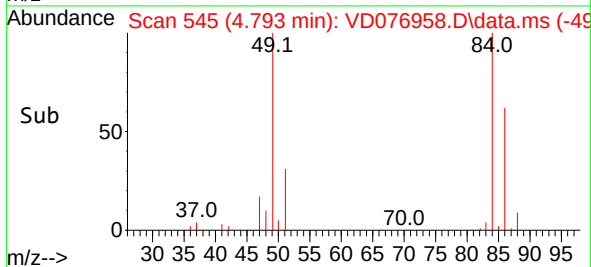
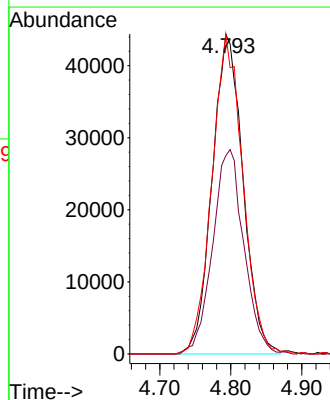
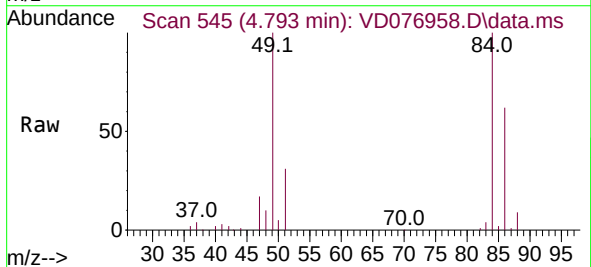
Instrument :
MSVOA_D
ClientSampleId :

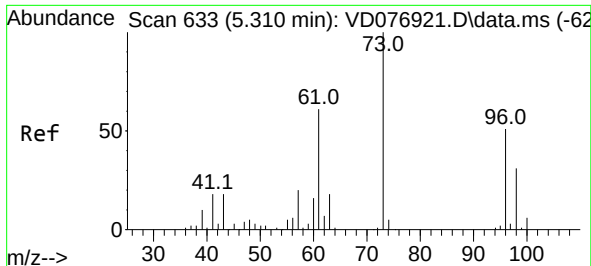
Tgt Ion: 43 Resp: 57094
Ion Ratio Lower Upper
43 100
74 27.8 18.2 27.2#



#16
Methylene chloride
Concen: 22.609 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

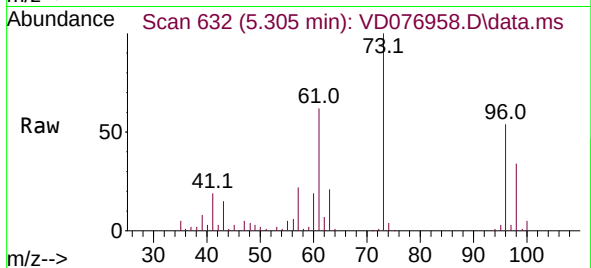
Tgt Ion: 84 Resp: 133325
Ion Ratio Lower Upper
84 100
86 62.0 45.1 83.9
49 100.1 97.2 180.6



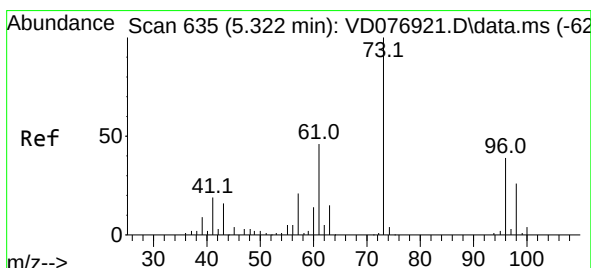
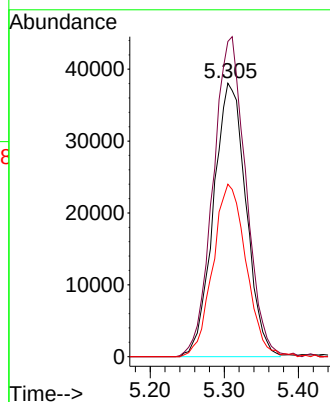
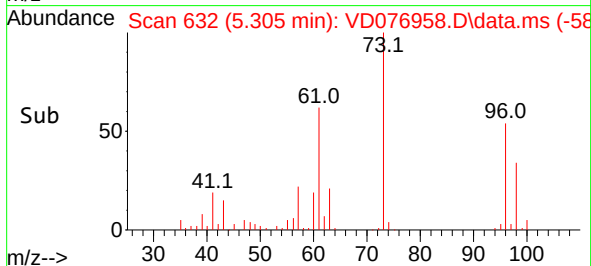


#17
trans-1,2-Dichloroethene
Concen: 24.801 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Instrument :
MSVOA_D
ClientSampleId :

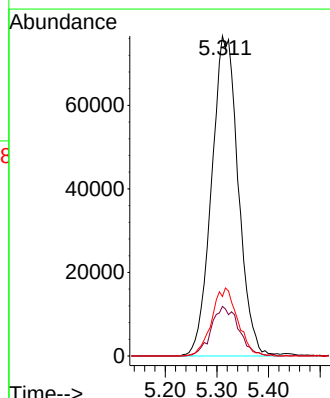
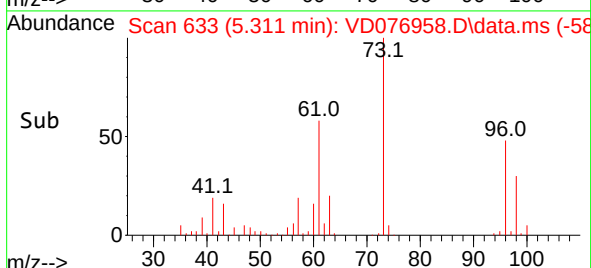
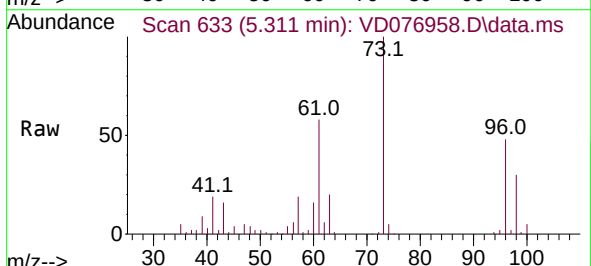


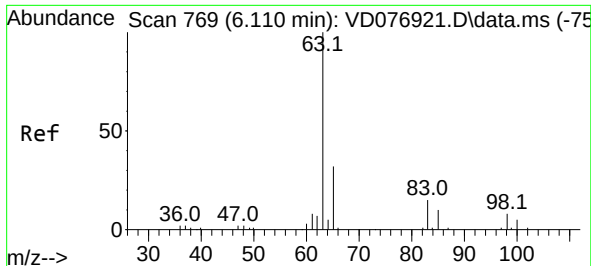
Tgt Ion: 96 Resp: 116135
Ion Ratio Lower Upper
96 100
61 115.3 94.5 175.5
98 63.1 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 26.539 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion: 73 Resp: 274551
Ion Ratio Lower Upper
73 100
43 10.1 7.2 10.8
57 20.6 18.6 28.0





#19

1,1-Dichloroethane

Concen: 24.289 ug/L

RT: 6.111 min Scan# 70

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

ClientSampleId :

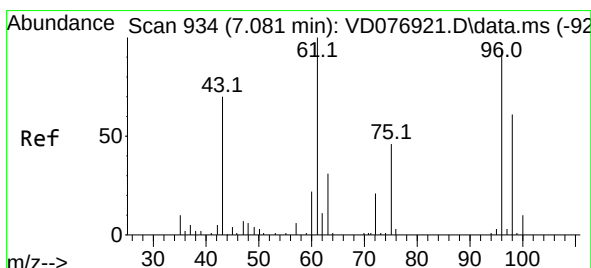
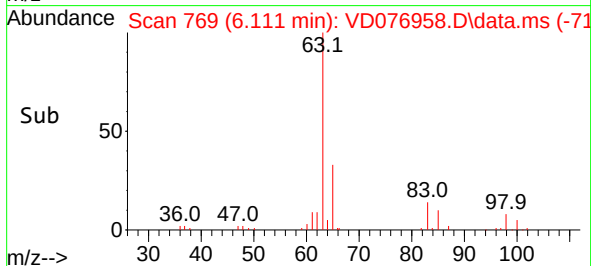
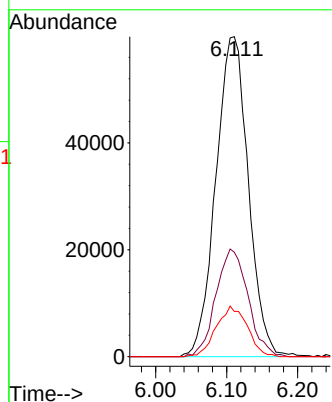
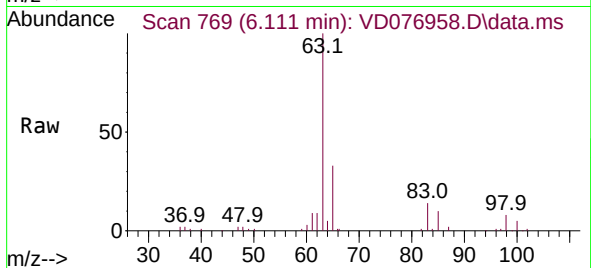
Tgt Ion: 63 Resp: 189907

Ion Ratio Lower Upper

63 100

65 32.6 20.8 38.6

83 14.1 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 25.822 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

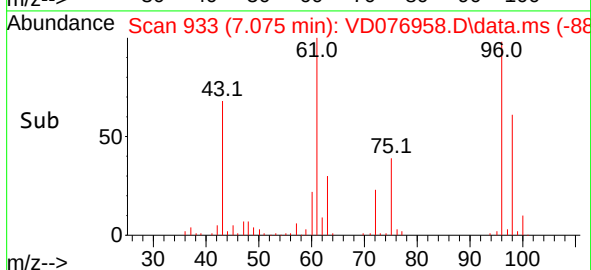
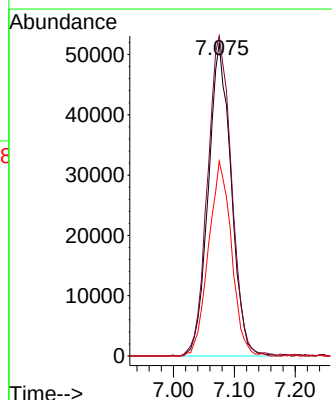
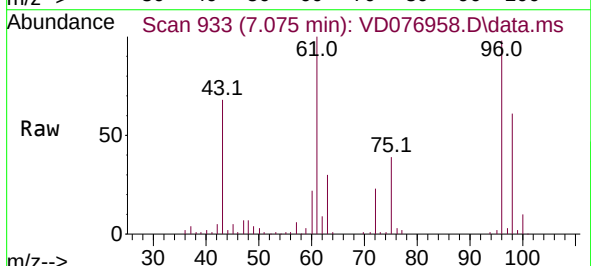
Tgt Ion: 96 Resp: 134982

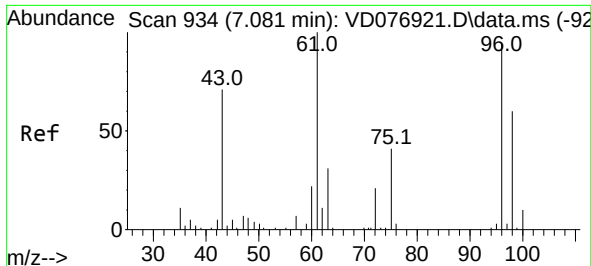
Ion Ratio Lower Upper

96 100

61 102.3 86.0 159.6

98 62.3 42.2 78.4

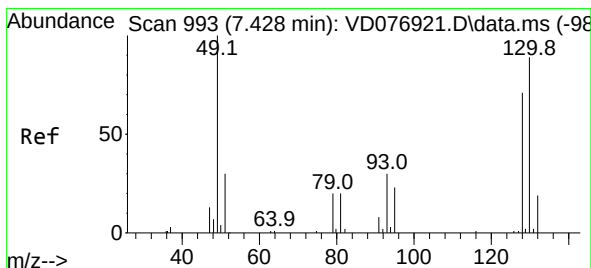
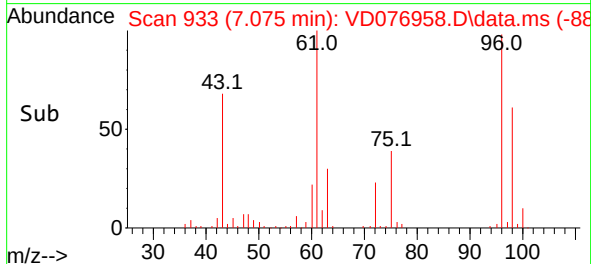
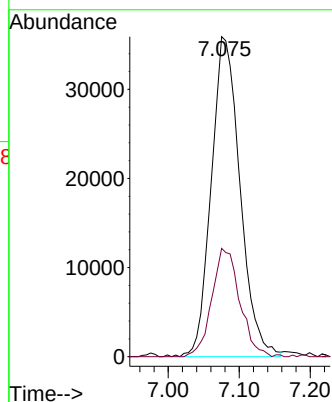
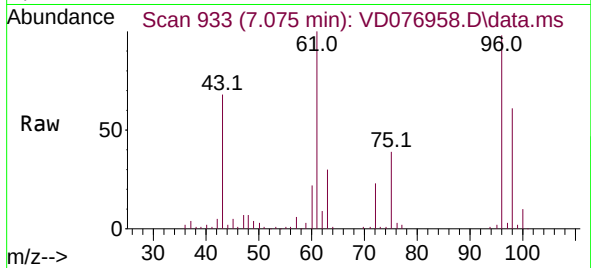




#22
2-Butanone
Concen: 56.824 ug/L
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

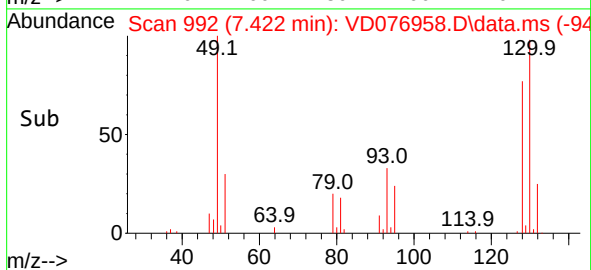
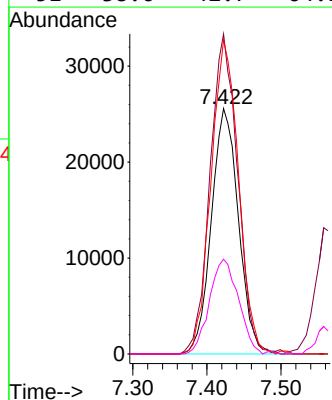
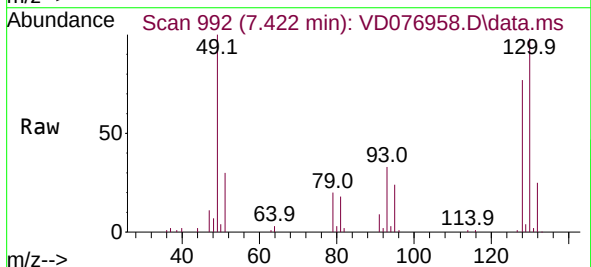
Instrument :
MSVOA_D
ClientSampleId :

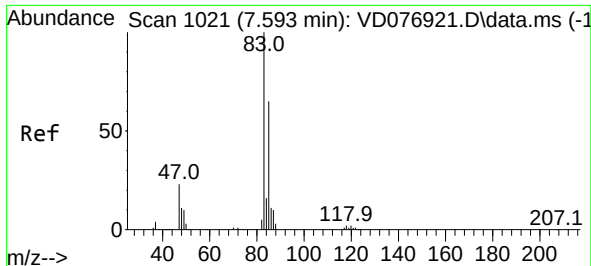
Tgt Ion: 43 Resp: 100911
Ion Ratio Lower Upper
43 100
72 32.8 12.9 38.7



#23
Bromochloromethane
Concen: 25.604 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion:128 Resp: 64917
Ion Ratio Lower Upper
128 100
49 130.4 124.7 231.7
130 127.9 80.0 148.6
51 38.6 42.7 64.1#

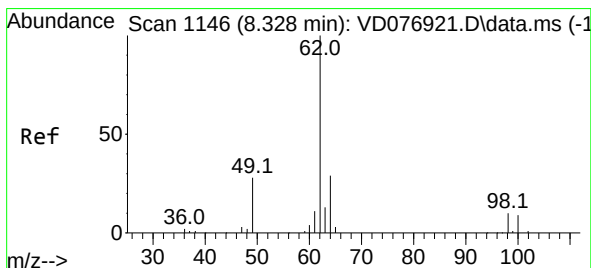
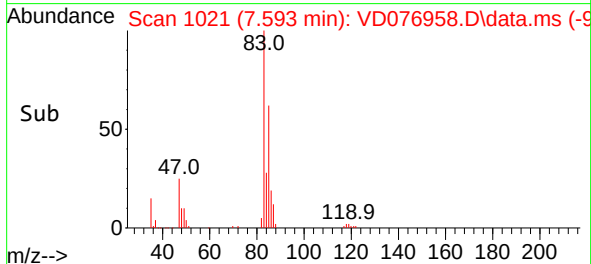
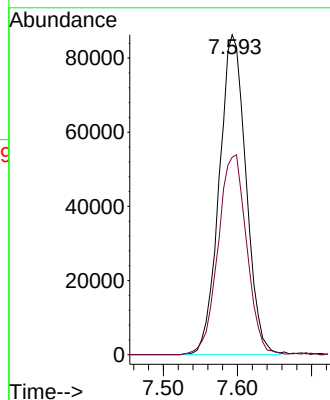
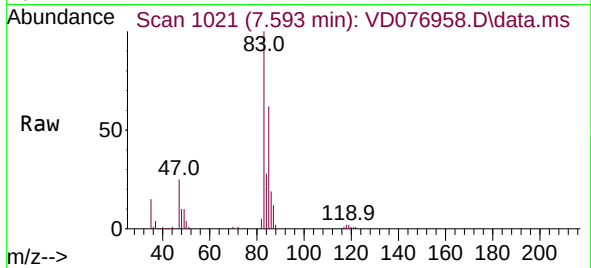




#25
Chloroform
Concen: 25.263 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

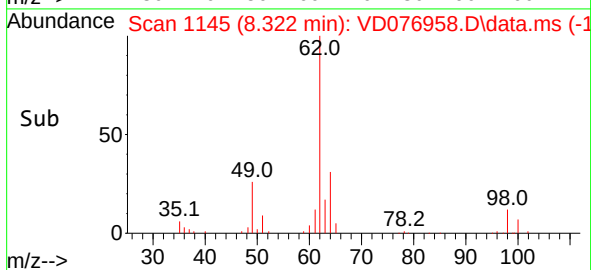
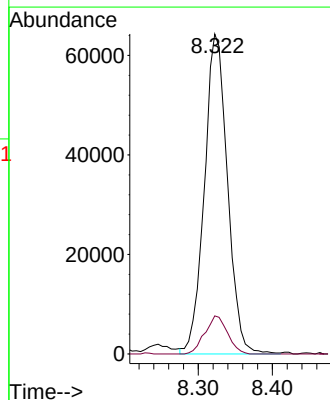
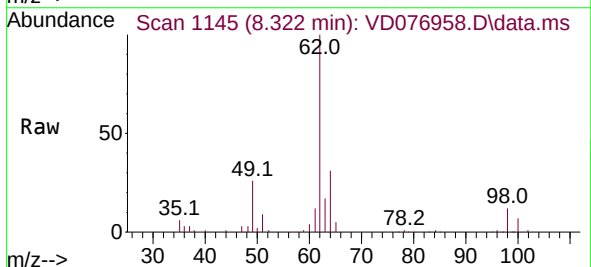
Instrument :
MSVOA_D
ClientSampleId :

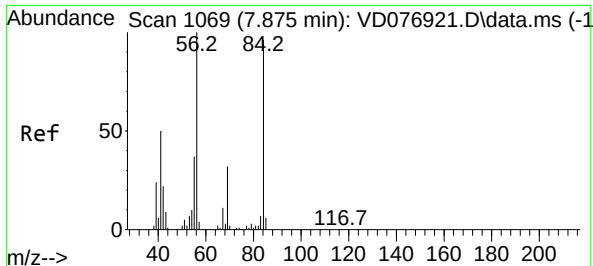
Tgt Ion: 83 Resp: 216330
Ion Ratio Lower Upper
83 100
85 61.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 25.971 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion: 62 Resp: 139383
Ion Ratio Lower Upper
62 100
98 11.9 8.7 13.1





#29

Cyclohexane

Concen: 23.780 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

ClientSampleId :

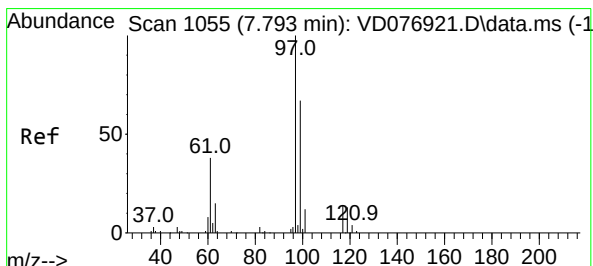
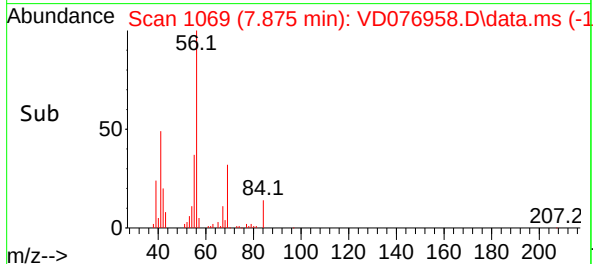
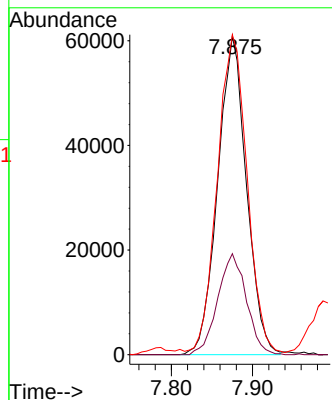
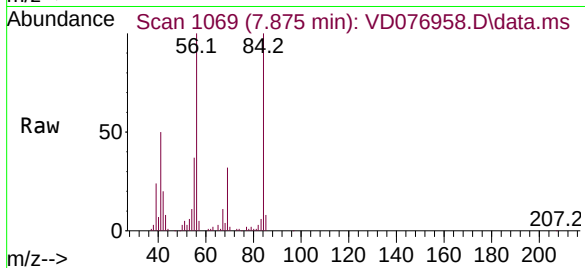
Tgt Ion: 56 Resp: 149371

Ion Ratio Lower Upper

56 100

69 31.7 23.4 35.0

84 104.3 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 25.435 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

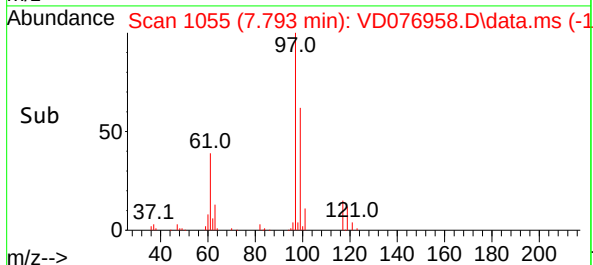
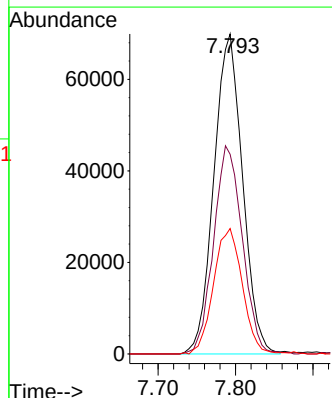
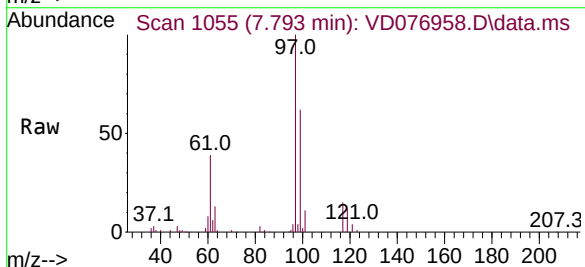
Tgt Ion: 97 Resp: 179834

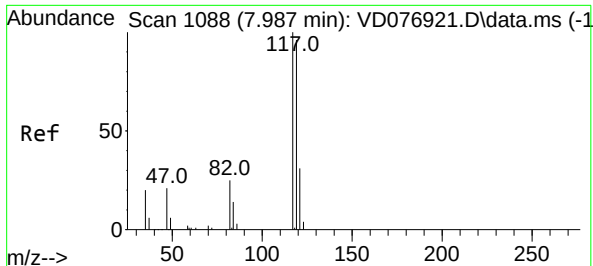
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.6

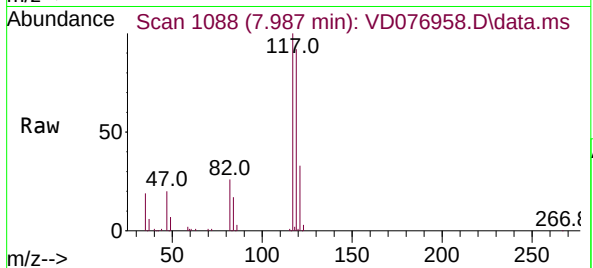
61 39.2 36.4 54.6



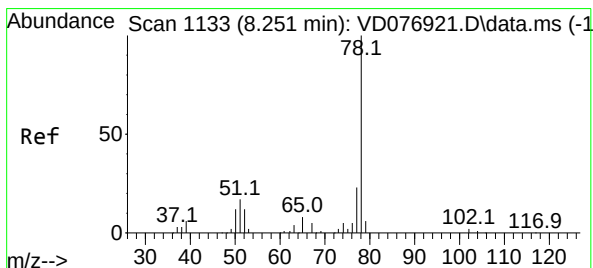
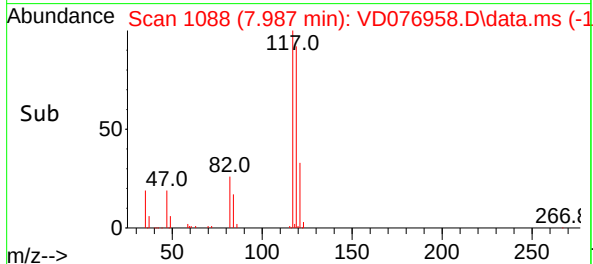
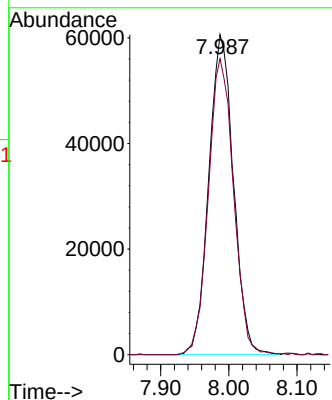


#31
Carbon tetrachloride
Concen: 26.355 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Instrument :
MSVOA_D
ClientSampleId :

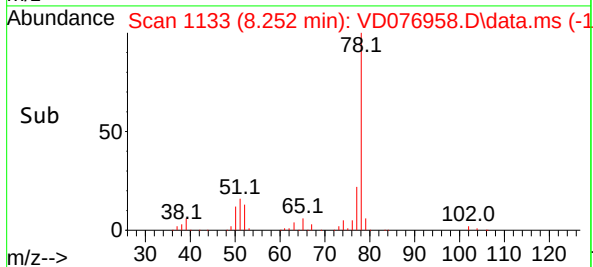
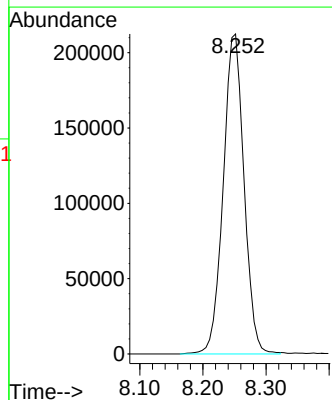
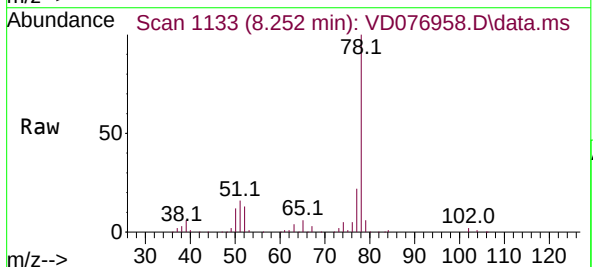


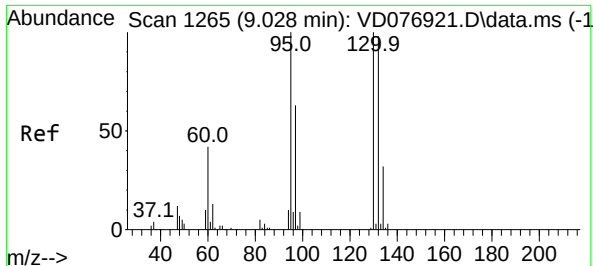
Tgt Ion:117 Resp: 152500
Ion Ratio Lower Upper
117 100
119 94.4 77.8 116.6



#33
Benzene
Concen: 25.948 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

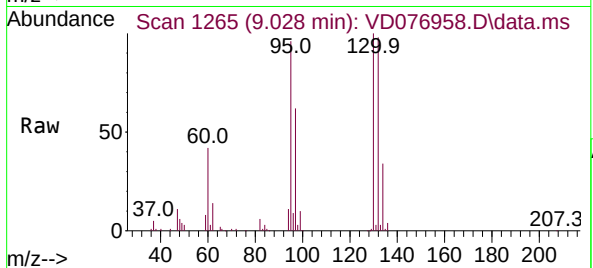
Tgt Ion: 78 Resp: 485323



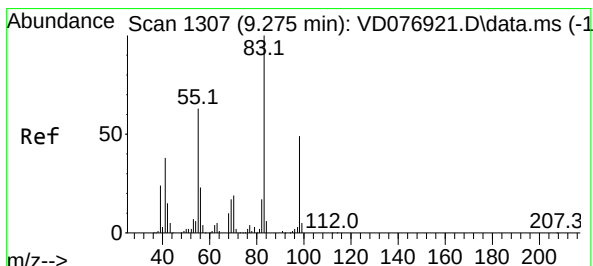
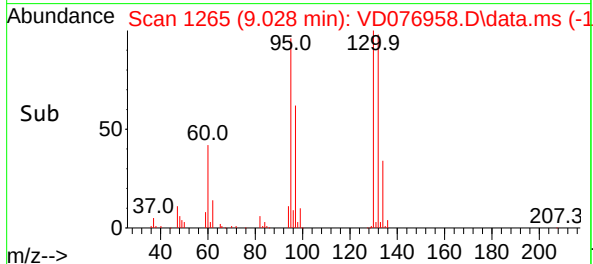
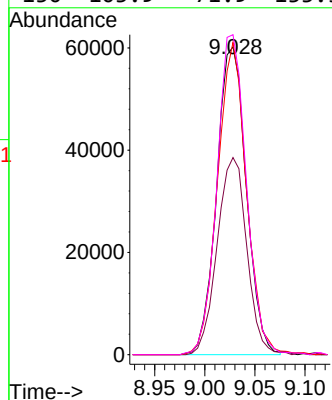


#34
 Trichloroethene
 Concen: 25.361 ug/L
 RT: 9.028 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51

Instrument :
 MSVOA_D
 ClientSampleId :

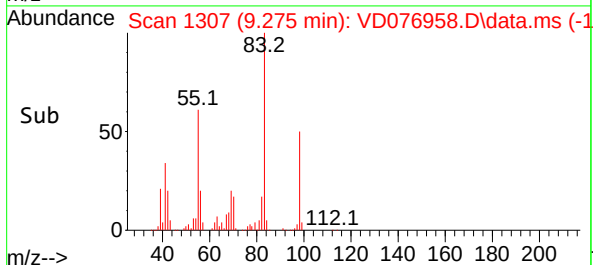
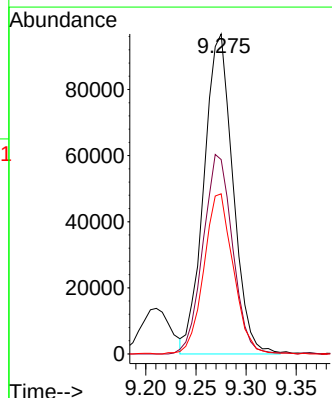
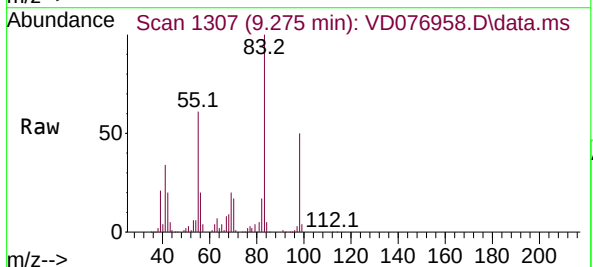


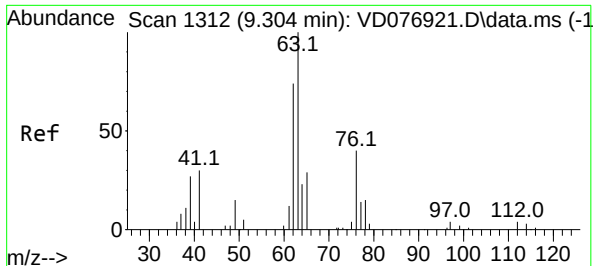
Tgt Ion:	95	Resp:	123529
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.1	80.1
132	101.5	71.8	133.4
130	103.9	71.9	133.5



#35
 Methylcyclohexane
 Concen: 24.534 ug/L
 RT: 9.275 min Scan# 1307
 Delta R.T. 0.000 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51

Tgt Ion:	83	Resp:	194879
Ion	Ratio	Lower	Upper
83	100		
55	63.5	59.8	89.6
98	50.7	37.8	56.6





#37

1,2-Dichloropropane

Concen: 25.353 ug/L

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

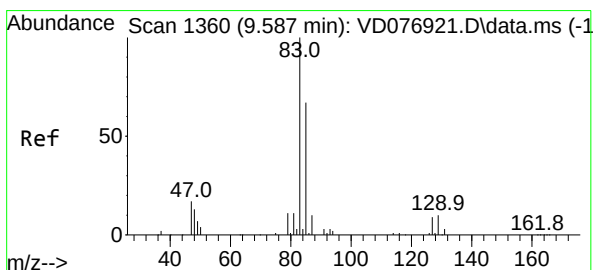
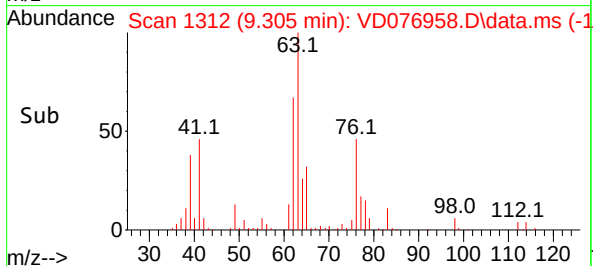
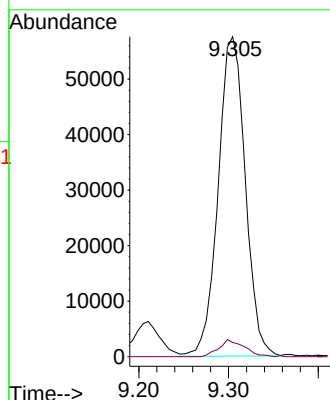
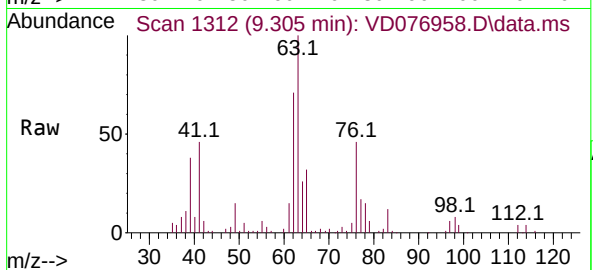
ClientSampleId :

Tgt Ion: 63 Resp: 120459

Ion Ratio Lower Upper

63 100

112 5.0 3.1 4.7#



#38

Bromodichloromethane

Concen: 25.577 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

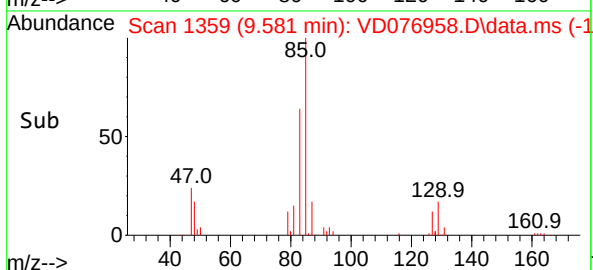
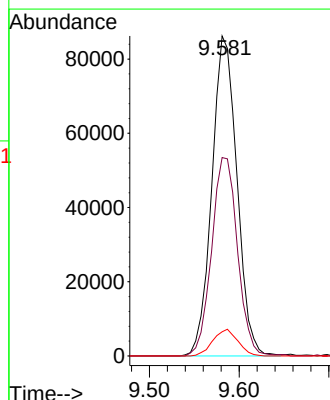
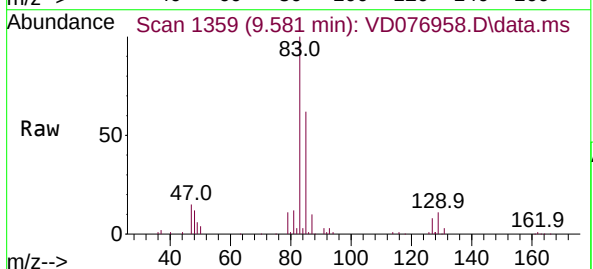
Tgt Ion: 83 Resp: 167347

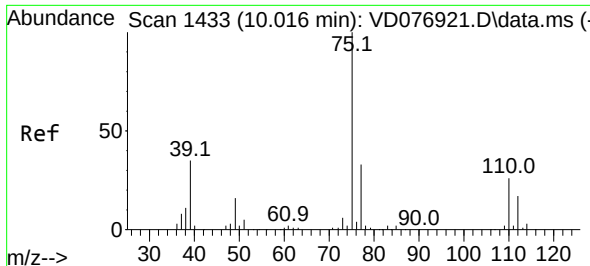
Ion Ratio Lower Upper

83 100

85 62.0 43.9 81.5

127 7.6 6.6 9.8

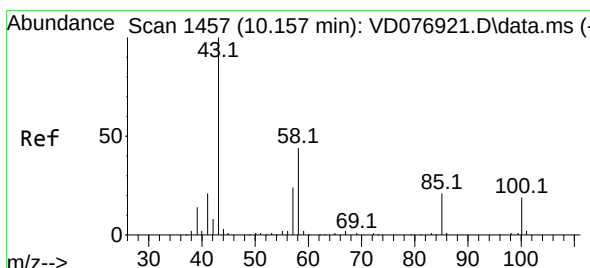
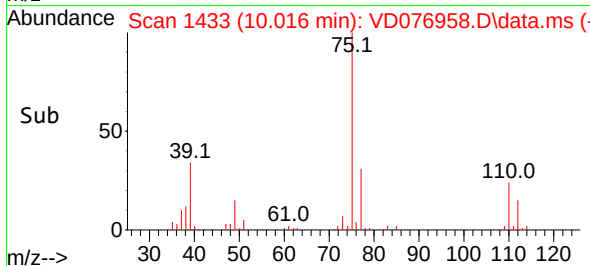
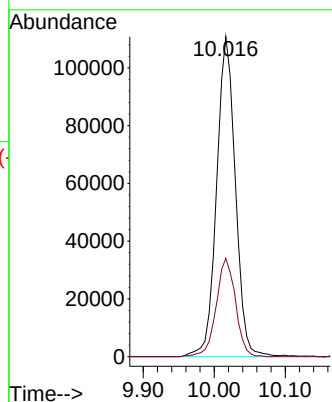
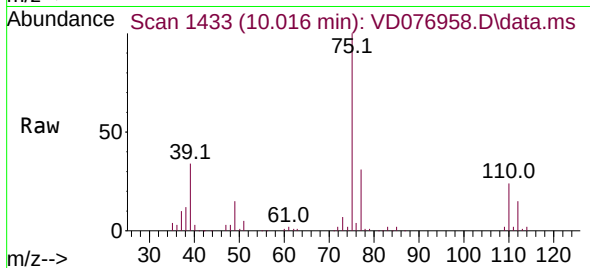




#39
cis-1,3-Dichloropropene
Concen: 26.468 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

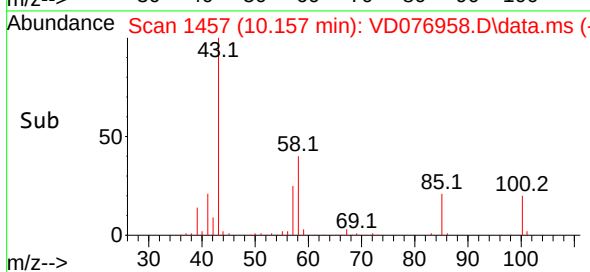
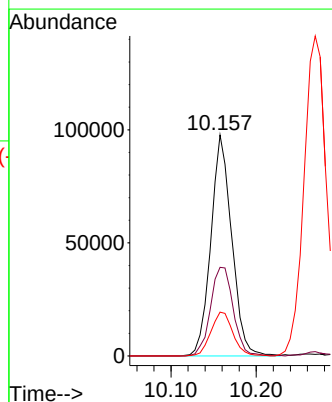
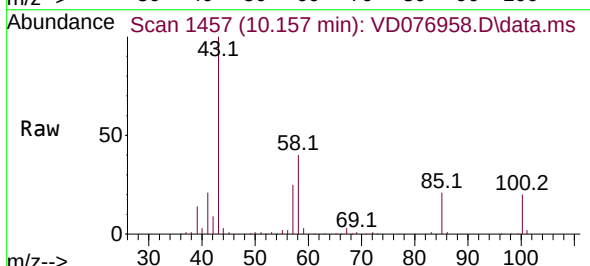
Instrument :
MSVOA_D
ClientSampleId :

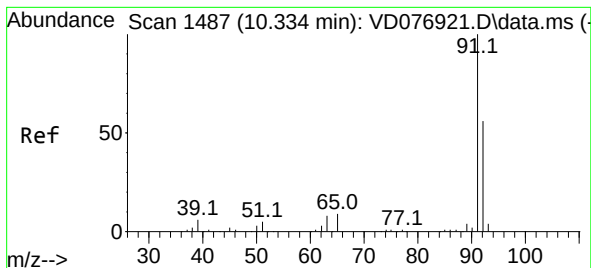
Tgt Ion: 75 Resp: 202958
Ion Ratio Lower Upper
75 100
77 30.7 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 55.638 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion: 43 Resp: 166557
Ion Ratio Lower Upper
43 100
58 43.5 30.7 46.1
100 20.9 11.0 16.4#





#42

Toluene

Concen: 25.961 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

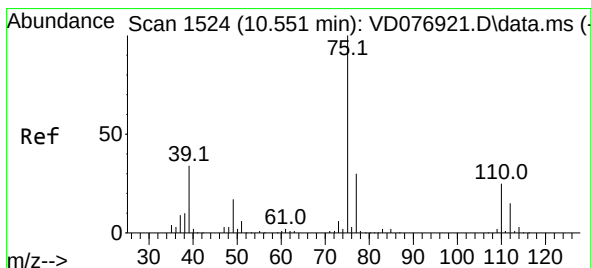
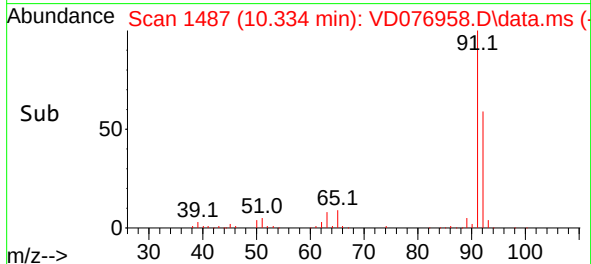
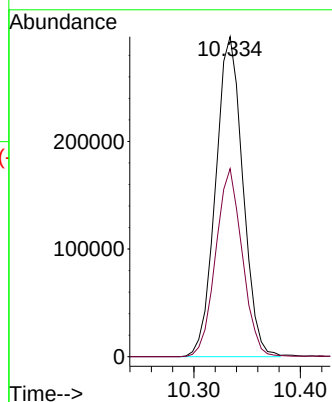
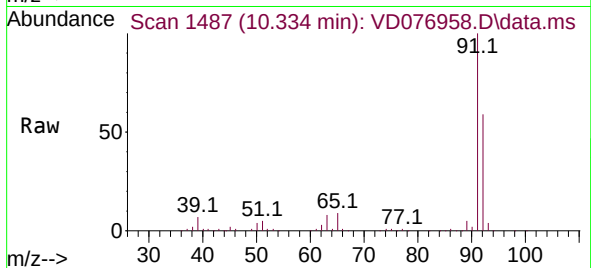
ClientSampleId :

Tgt Ion: 91 Resp: 527991

Ion Ratio Lower Upper

91 100

92 58.8 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 26.591 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.001 min

Lab File: VD076958.D

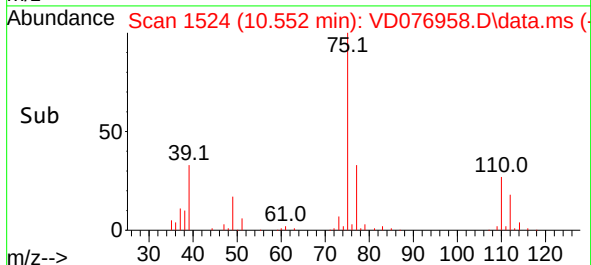
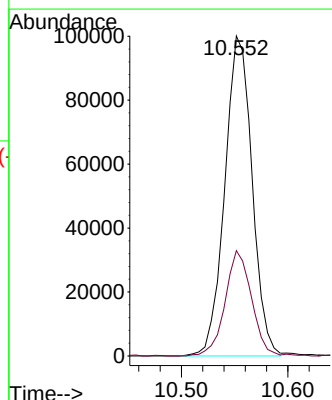
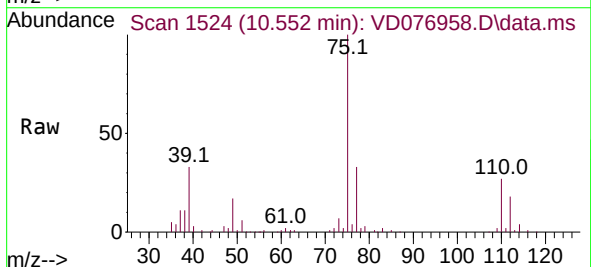
Acq: 10 Aug 2023 11:51

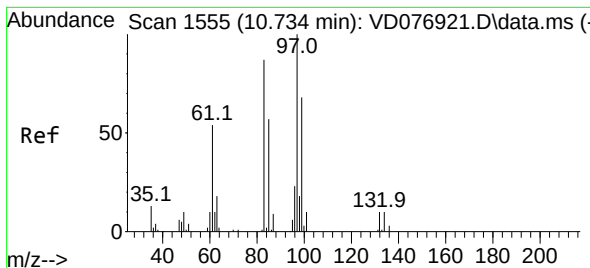
Tgt Ion: 75 Resp: 178204

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 26.364 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 111327

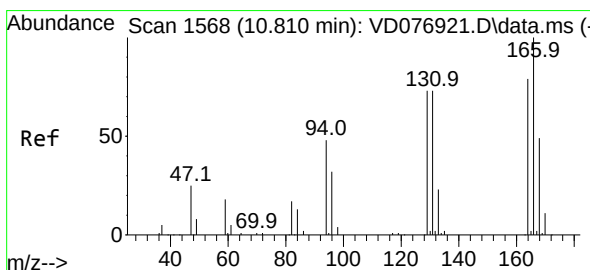
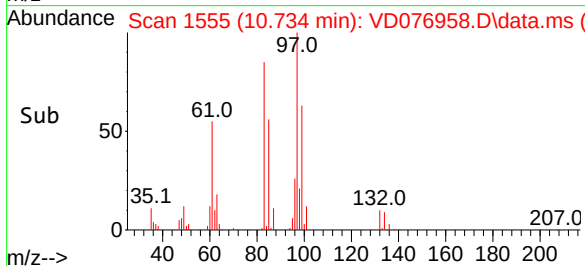
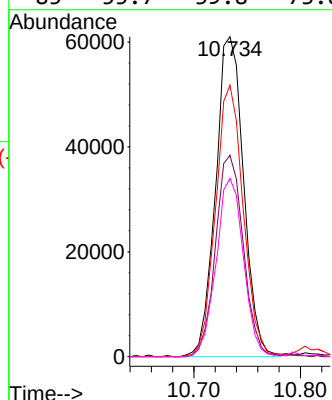
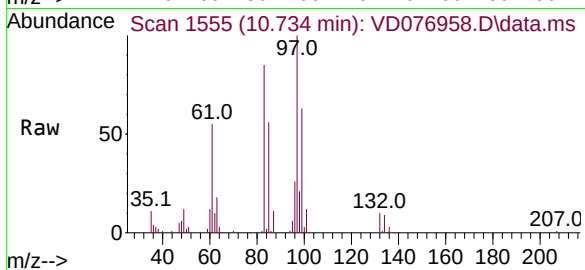
Ion Ratio Lower Upper

97 100

99 63.0 41.9 77.9

83 84.8 59.2 110.0

85 55.7 39.8 73.8



#46

Tetrachloroethene

Concen: 26.715 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Tgt Ion:164 Resp: 98071

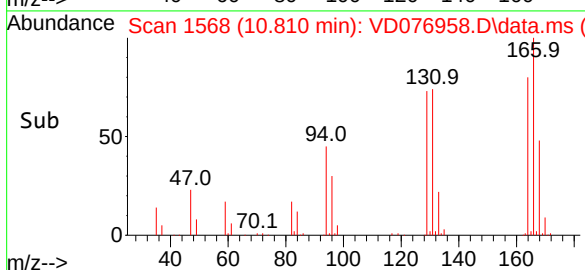
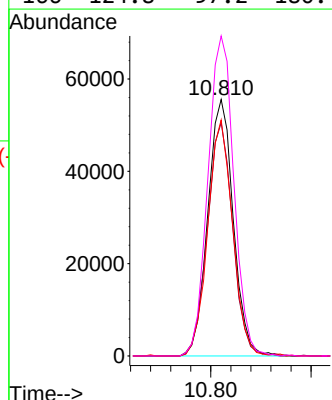
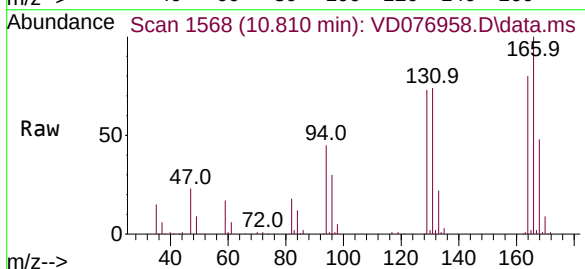
Ion Ratio Lower Upper

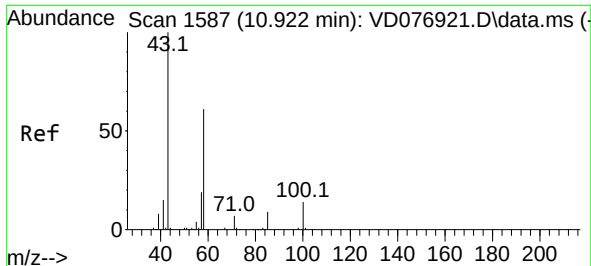
164 100

129 91.0 65.5 121.6

131 92.1 64.8 120.3

166 124.8 97.2 180.4

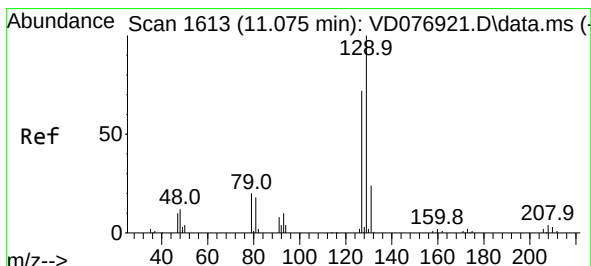
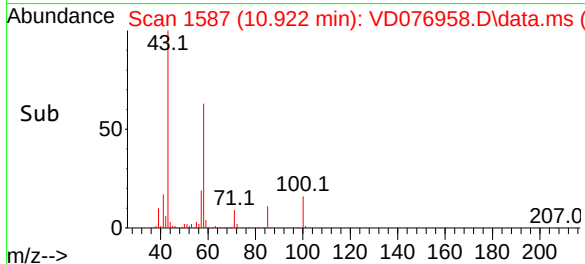
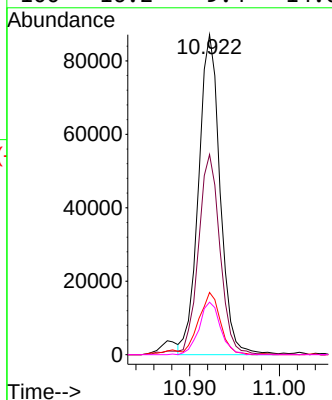
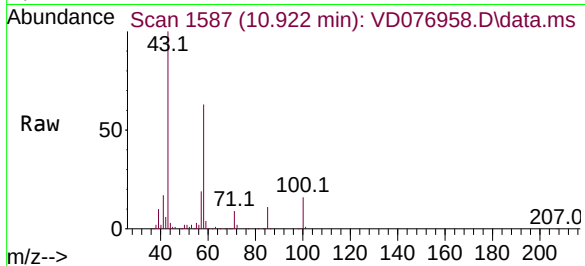




#48
2-Hexanone
Concen: 63.240 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

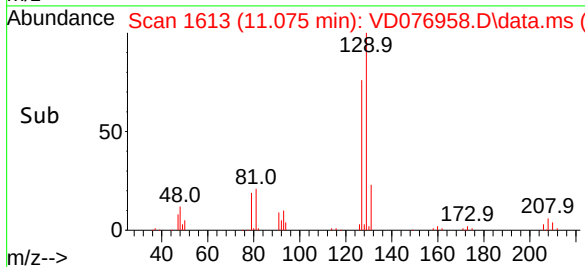
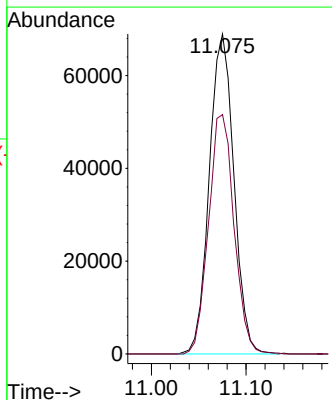
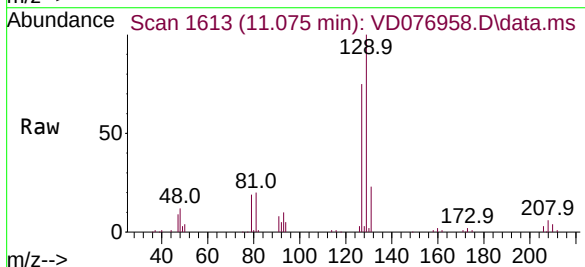
Instrument :
MSVOA_D
ClientSampleId :

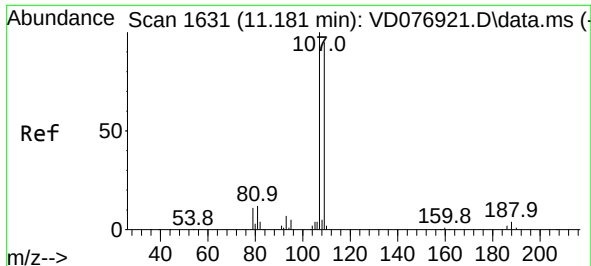
Tgt Ion: 43 Resp: 145588
Ion Ratio Lower Upper
43 100
58 62.1 42.9 64.3
57 19.4 13.7 20.5
100 16.2 9.4 14.0#



#49
Dibromochloromethane
Concen: 26.500 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

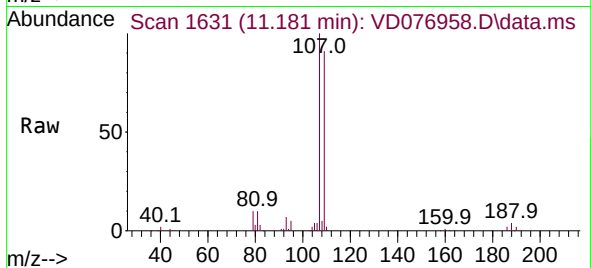
Tgt Ion: 129 Resp: 124487
Ion Ratio Lower Upper
129 100
127 74.8 55.2 102.6



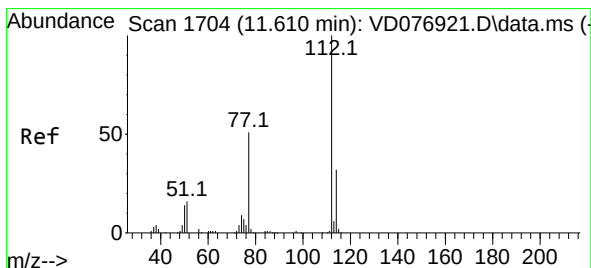
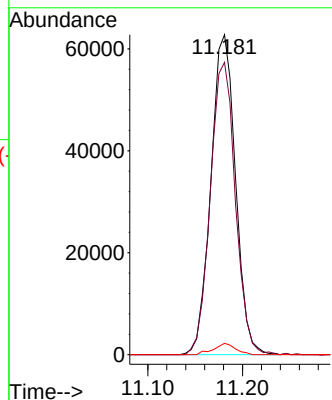
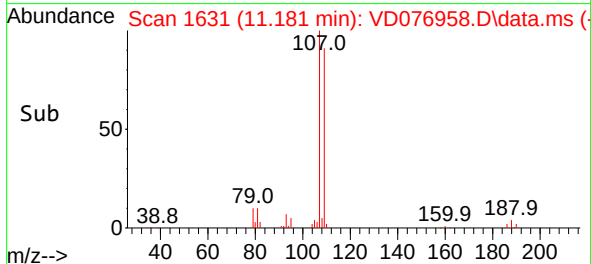


#50
1,2-Dibromoethane
Concen: 27.588 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Instrument :
MSVOA_D
ClientSampleId :

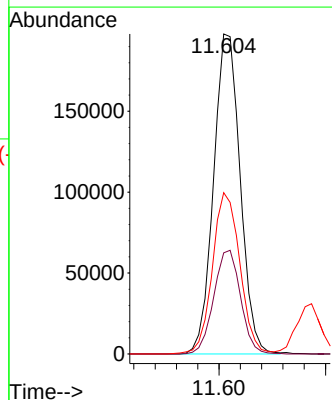
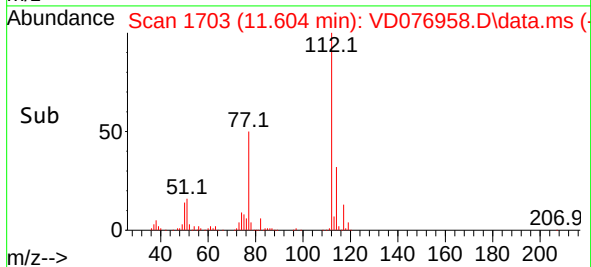
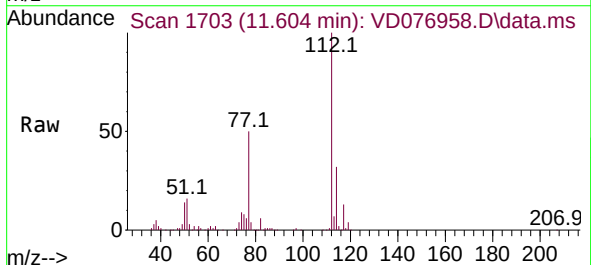


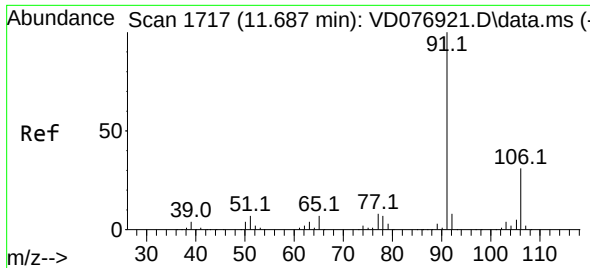
Tgt Ion:107 Resp: 113614
Ion Ratio Lower Upper
107 100
109 91.4 58.8 109.2
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 25.879 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion:112 Resp: 342923
Ion Ratio Lower Upper
112 100
114 31.6 21.5 39.9
77 50.4 43.4 65.2

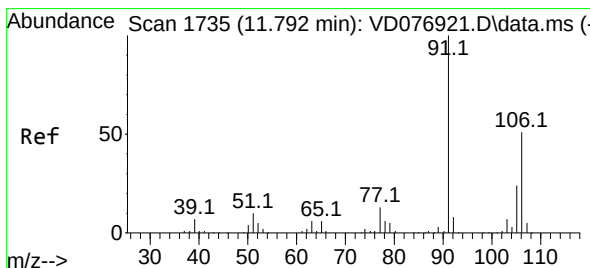
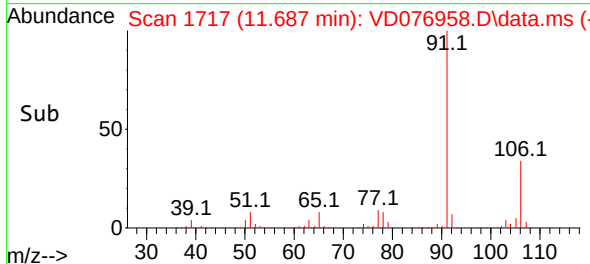
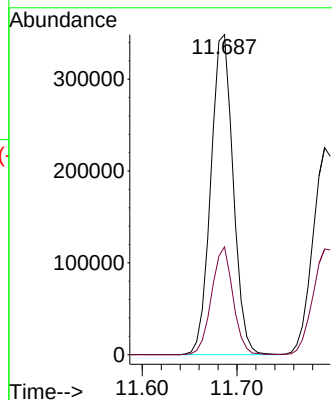
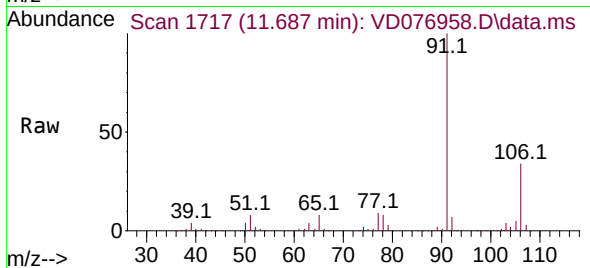




#52
Ethylbenzene
Concen: 26.340 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

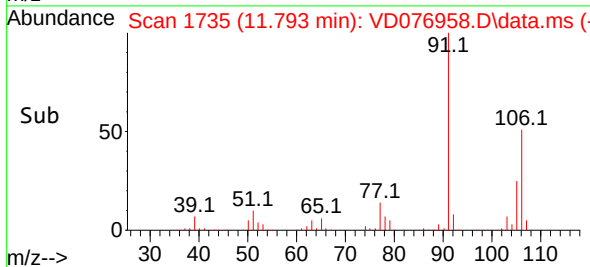
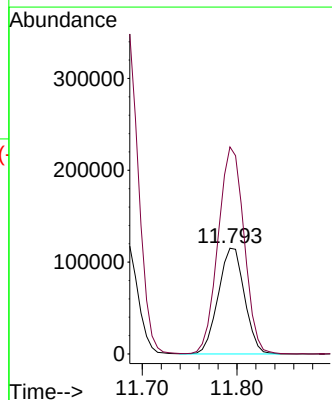
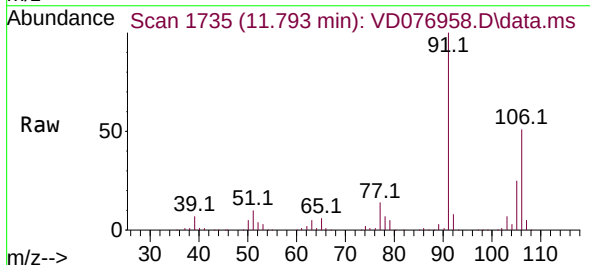
Instrument :
MSVOA_D
ClientSampleId :

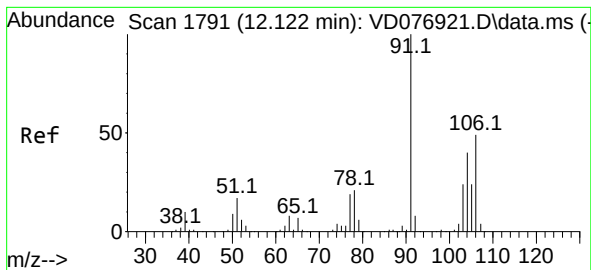
Tgt Ion: 91 Resp: 570836
Ion Ratio Lower Upper
91 100
106 33.7 22.4 41.6



#53
m,p-Xylene
Concen: 26.569 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion: 106 Resp: 222177
Ion Ratio Lower Upper
106 100
91 195.7 141.5 262.9

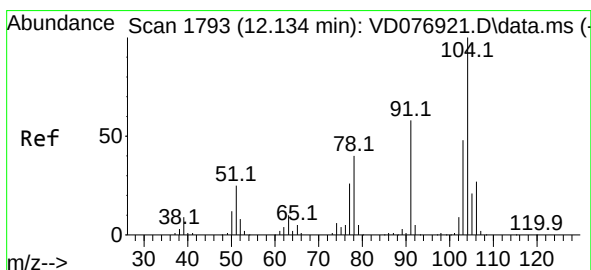
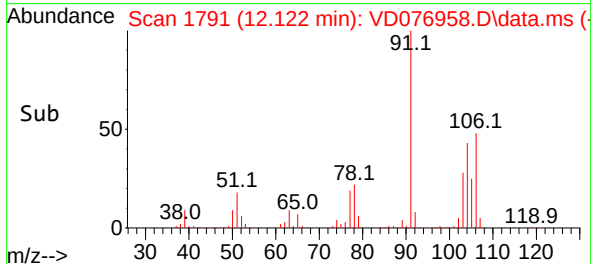
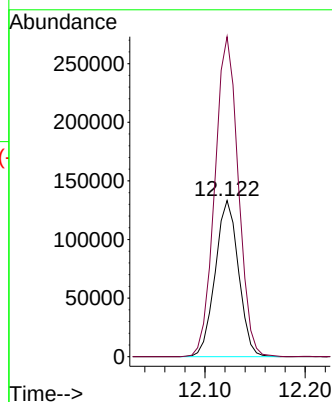
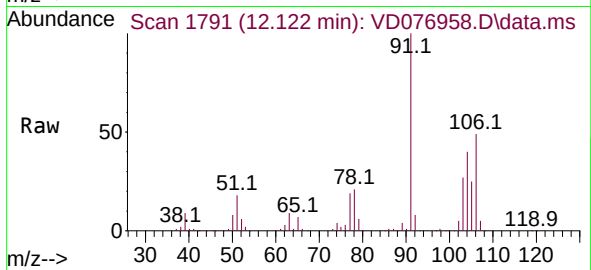




#54
o-Xylene
Concen: 26.752 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

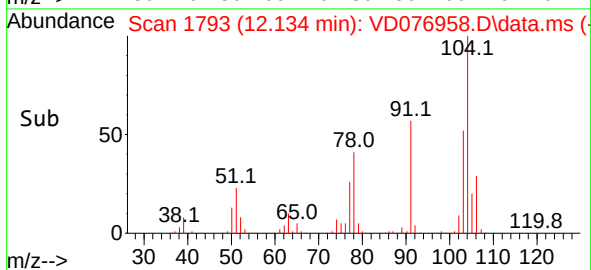
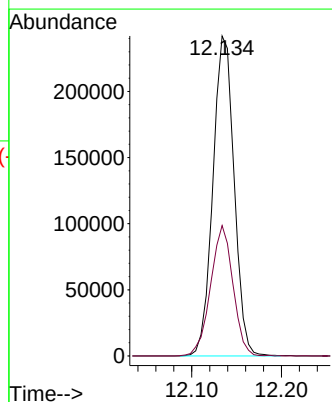
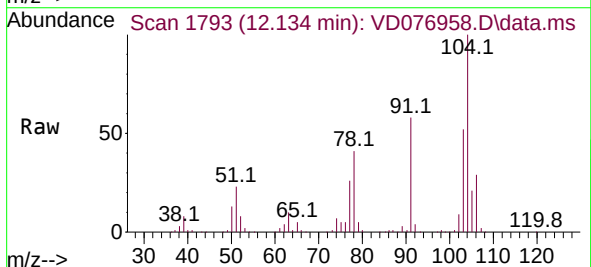
Instrument :
MSVOA_D
ClientSampleId :

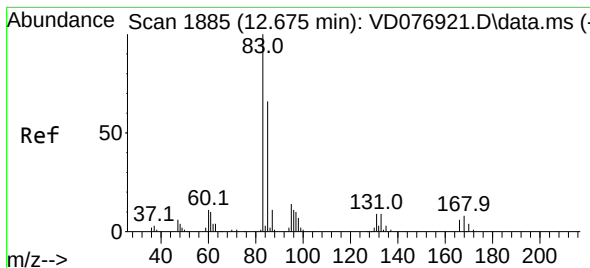
Tgt Ion:106 Resp: 215160
Ion Ratio Lower Upper
106 100
91 204.8 142.2 264.2



#55
Styrene
Concen: 27.311 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion:104 Resp: 397141
Ion Ratio Lower Upper
104 100
78 40.8 31.3 58.1

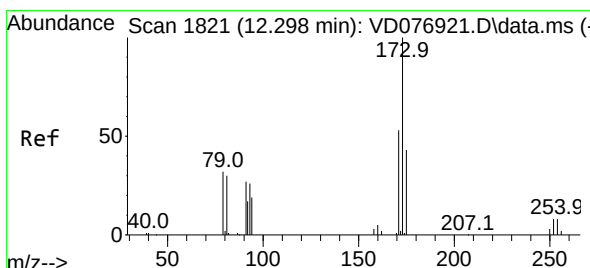
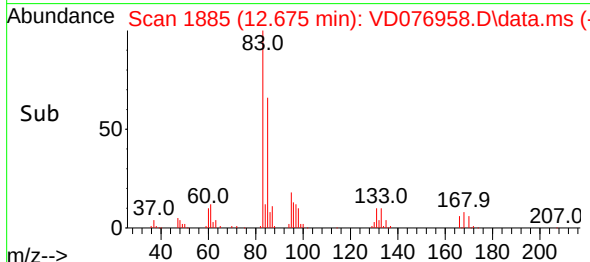
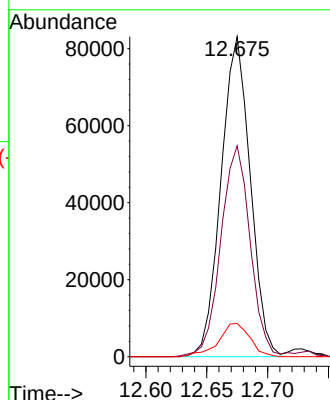
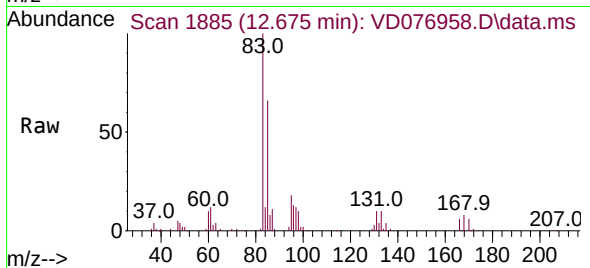




#57
1,1,2,2-Tetrachloroethane
Concen: 26.588 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

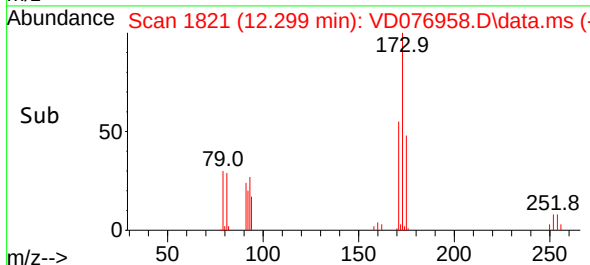
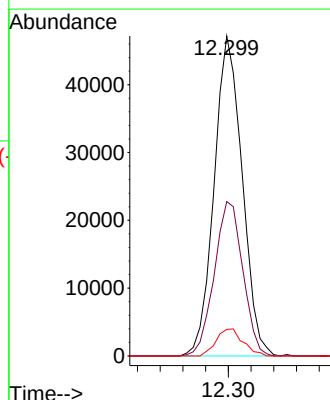
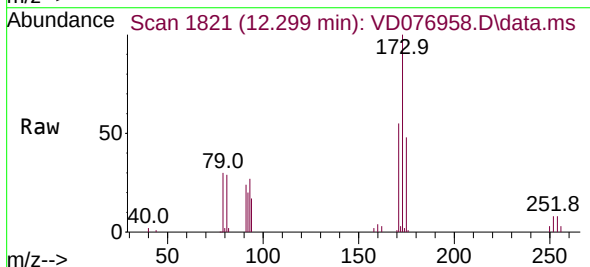
Instrument :
MSVOA_D
ClientSampleId :

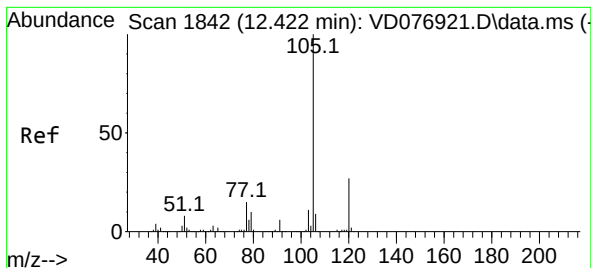
Tgt Ion: 83 Resp: 138857
Ion Ratio Lower Upper
83 100
85 65.9 46.3 86.1
131 10.4 7.0 10.4



#59
Bromoform
Concen: 26.438 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion:173 Resp: 80785
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.4
254 8.1 5.3 7.9#





#60

Isopropylbenzene

Concen: 25.424 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

ClientSampleId :

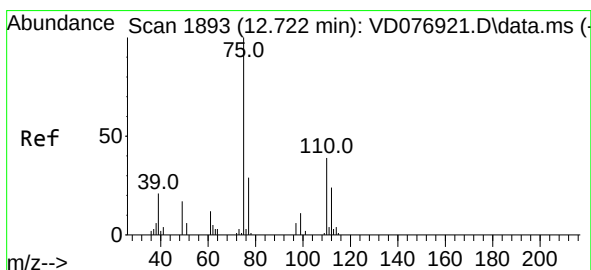
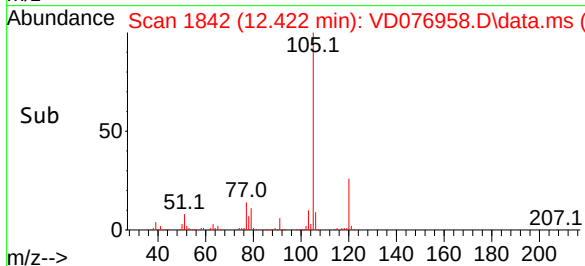
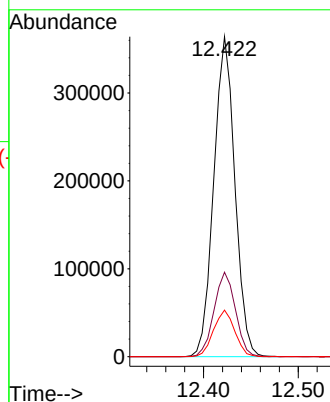
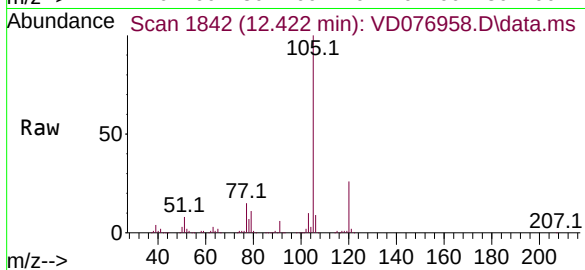
Tgt Ion:105 Resp: 563362

Ion Ratio Lower Upper

105 100

120 26.8 21.3 31.9

77 14.6 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 26.224 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

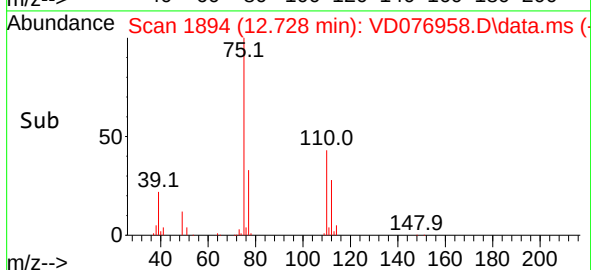
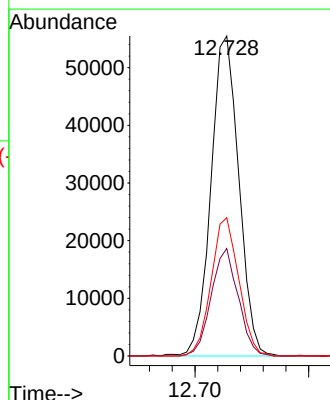
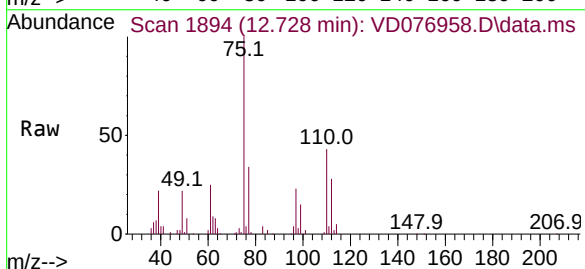
Tgt Ion: 75 Resp: 94301

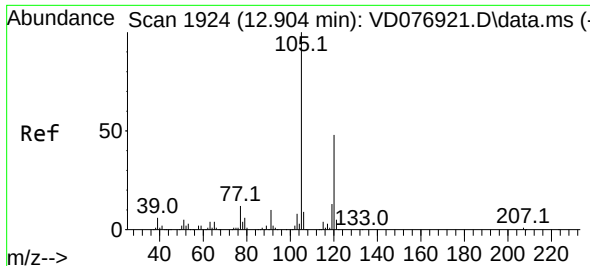
Ion Ratio Lower Upper

75 100

77 32.6 27.2 40.8

110 42.9 31.8 47.6

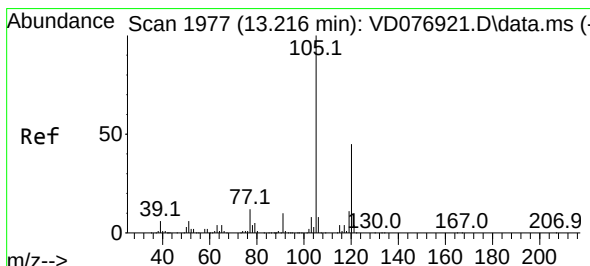
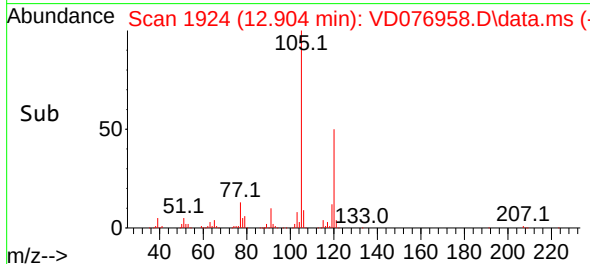
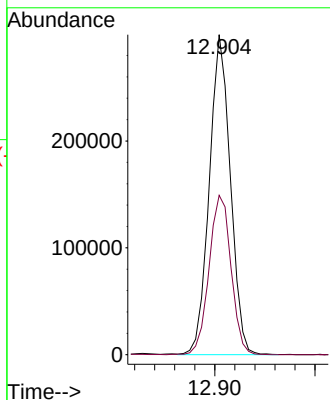
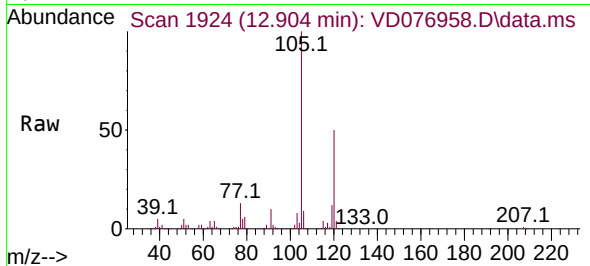




#62
 1,3,5-Trimethylbenzene
 Concen: 25.905 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51

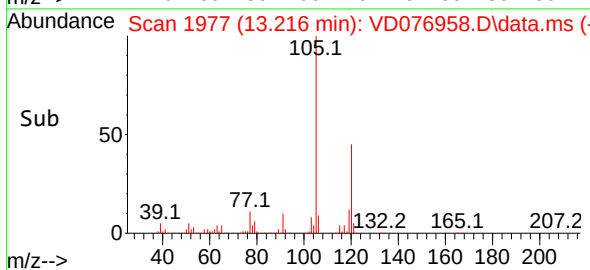
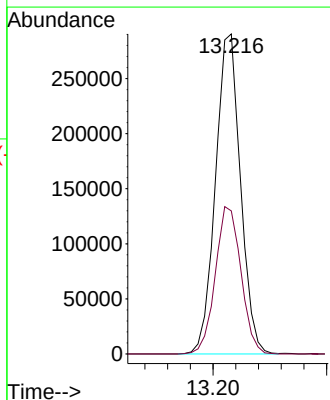
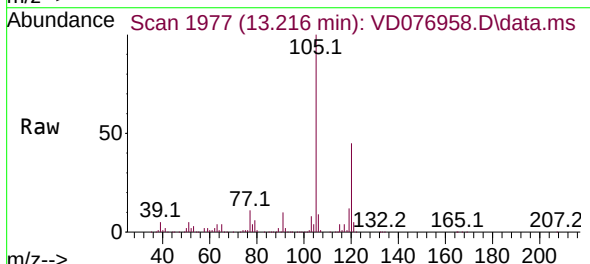
Instrument :
 MSVOA_D
 ClientSampleId :

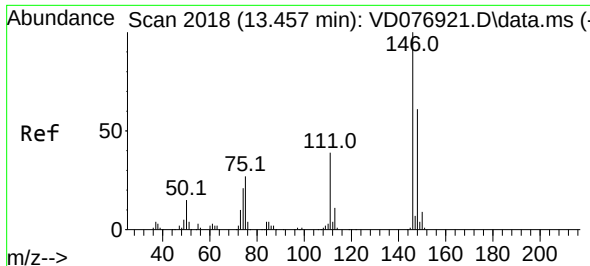
Tgt Ion:105 Resp: 437290
 Ion Ratio Lower Upper
 105 100
 120 51.8 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 26.421 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51

Tgt Ion:105 Resp: 443872
 Ion Ratio Lower Upper
 105 100
 120 47.2 37.5 56.3

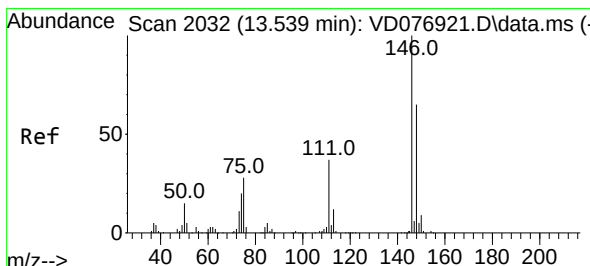
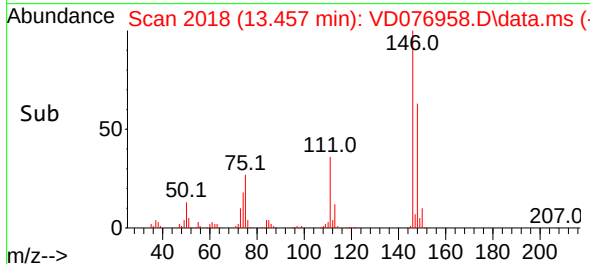
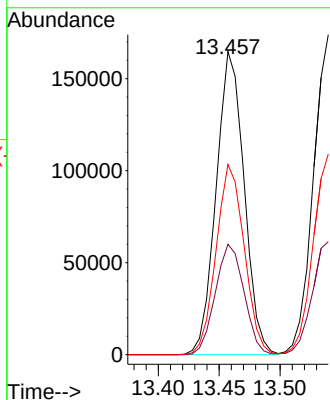
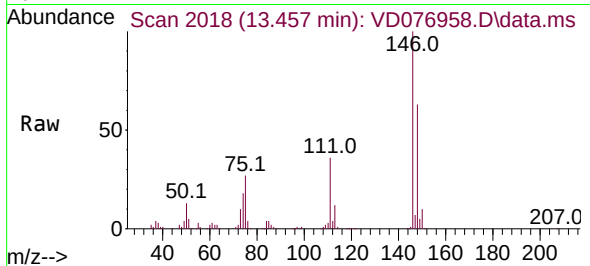




#64
1,3-Dichlorobenzene
Concen: 26.067 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

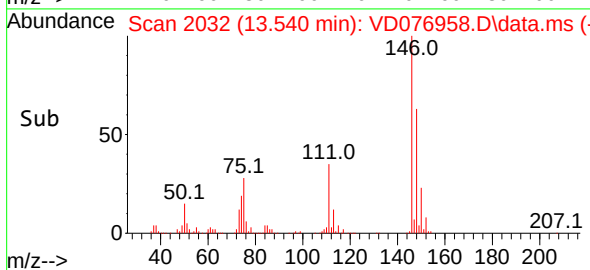
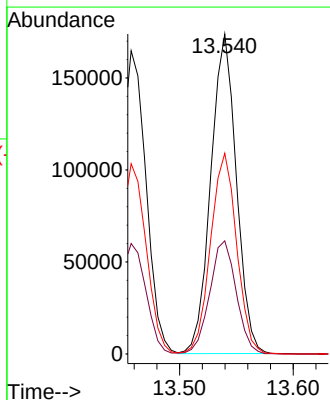
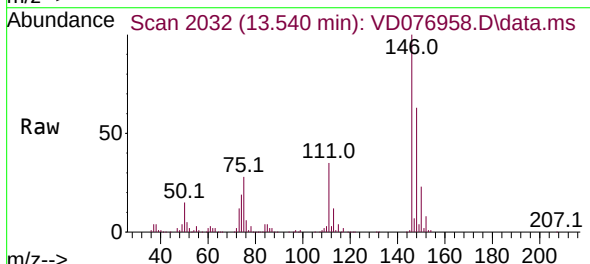
Instrument :
MSVOA_D
ClientSampleId :

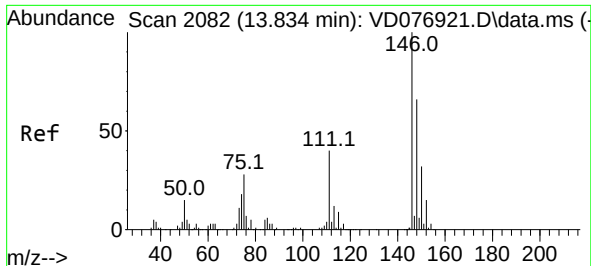
Tgt Ion:146 Resp: 263618
Ion Ratio Lower Upper
146 100
111 36.4 25.6 47.4
148 62.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 25.999 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076958.D
Acq: 10 Aug 2023 11:51

Tgt Ion:146 Resp: 271785
Ion Ratio Lower Upper
146 100
111 35.3 25.7 47.7
148 62.7 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 26.130 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

ClientSampleId :

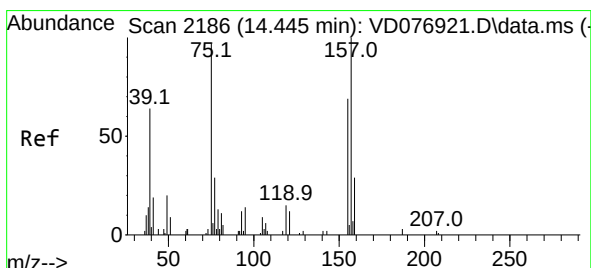
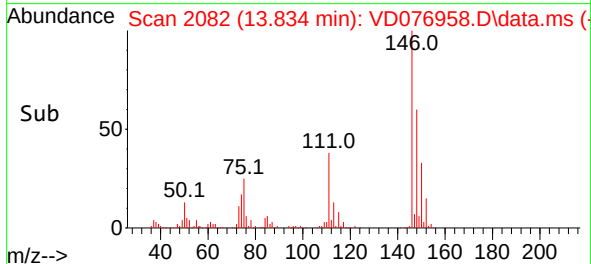
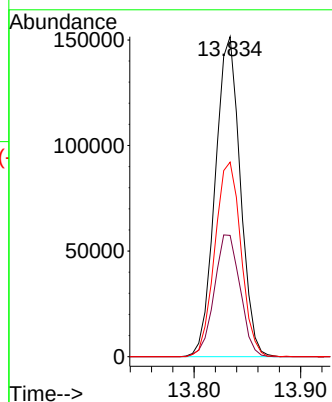
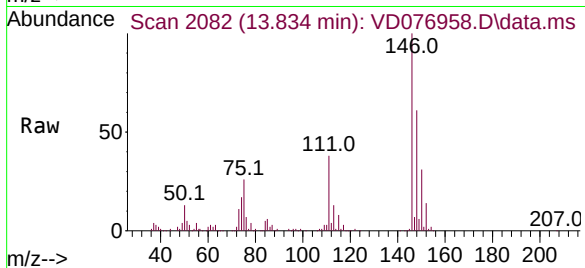
Tgt Ion:146 Resp: 247724

Ion Ratio Lower Upper

146 100

111 37.9 31.3 46.9

148 60.8 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.205 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

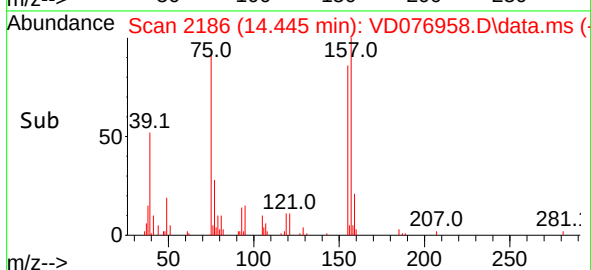
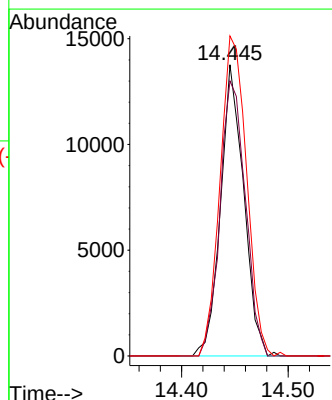
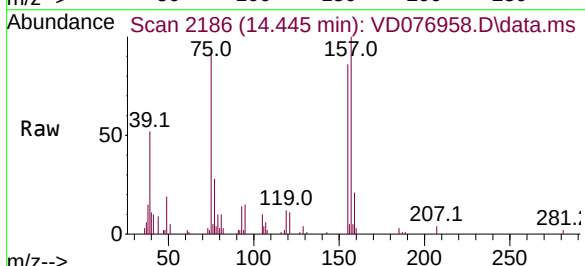
Tgt Ion: 75 Resp: 20768

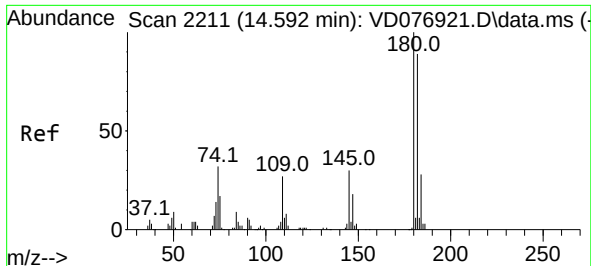
Ion Ratio Lower Upper

75 100

155 94.4 76.2 114.4

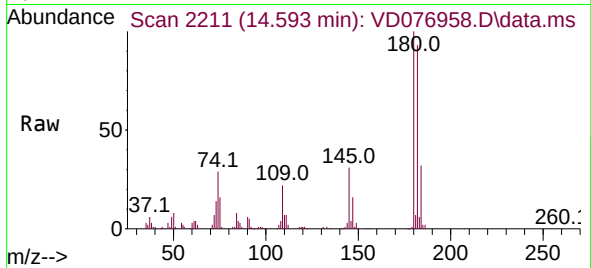
157 109.9 89.4 134.2



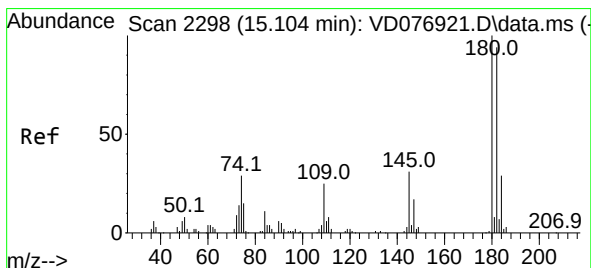
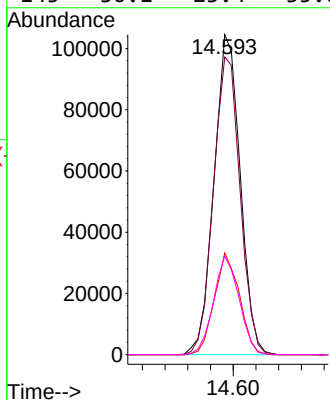
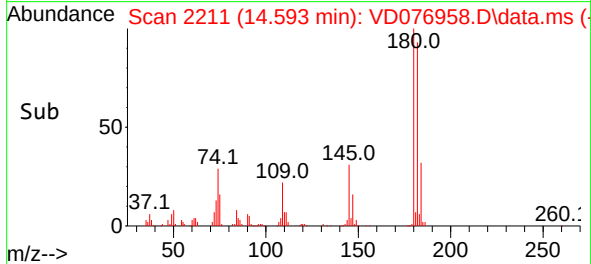


#69
 1,3,5-Trichlorobenzene
 Concen: 26.429 ug/L
 RT: 14.593 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51

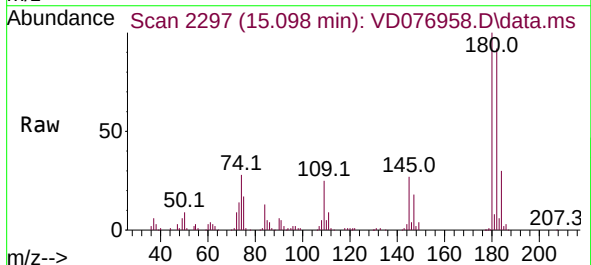
Instrument :
 MSVOA_D
 ClientSampleId :



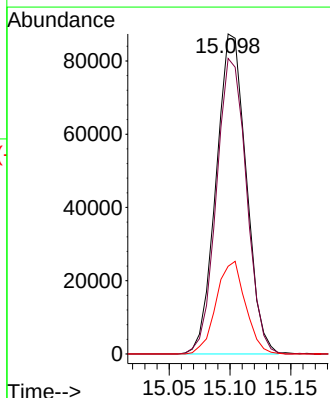
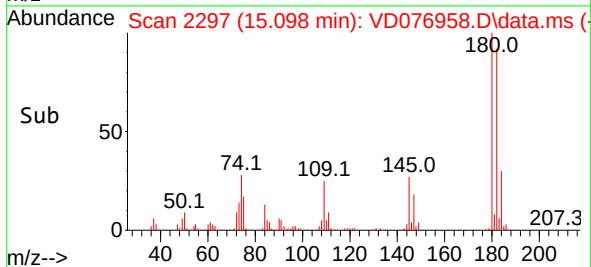
Tgt Ion:180 Resp: 167260
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.1 115.7
 184 30.4 25.0 37.4
 145 30.1 23.4 35.0

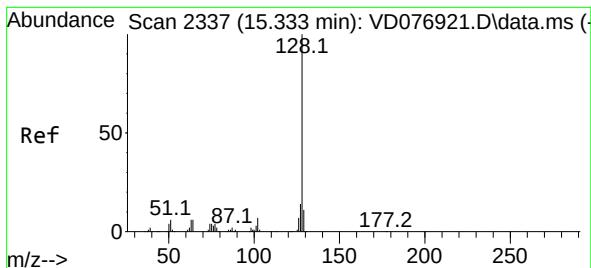


#70
 1,2,4-trichlorobenzene
 Concen: 26.984 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076958.D
 Acq: 10 Aug 2023 11:51



Tgt Ion:180 Resp: 150220
 Ion Ratio Lower Upper
 180 100
 182 92.0 76.9 115.3
 145 28.2 23.5 35.3





#71

Naphthalene

Concen: 27.558 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Instrument :

MSVOA_D

ClientSampleId :

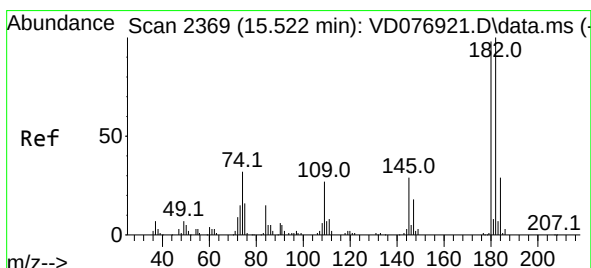
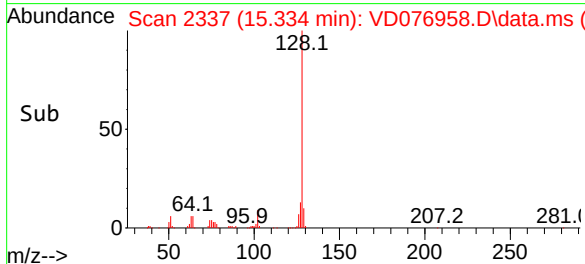
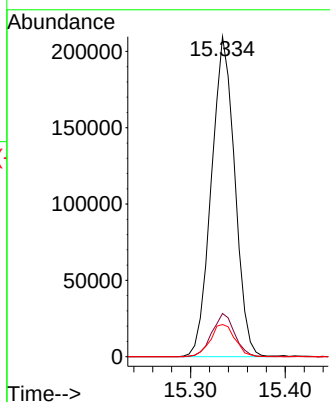
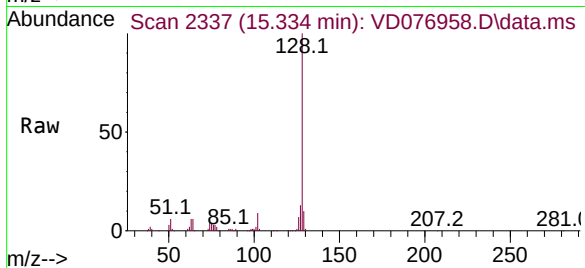
Tgt Ion:128 Resp: 360731

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 27.777 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076958.D

Acq: 10 Aug 2023 11:51

Tgt Ion:180 Resp: 140236

Ion Ratio Lower Upper

180 100

182 92.9 74.3 111.5

145 31.4 25.0 37.6

