

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076978.D
 Acq On : 11 Aug 2023 09:12
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025179

Quant Time: Aug 12 02:09:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	274149	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	281116	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	149173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	148327	19.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.680%
7) Chloroethane-d5	2.799	69	149374	21.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.720%
11) 1,1-Dichloroethene-d2	3.911	65	37871	21.199	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.800%
21) 2-Butanone-d5	6.987	46	60081	49.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.280%
24) Chloroform-d	7.563	84	217528	24.367	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	8.228	65	109302	24.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.199	84	419107	23.712	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.840%
36) 1,2-Dichloropropane-d6	9.205	67	128126	23.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.269	98	400853	24.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	10.522	79	57710	23.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.960%
47) 2-Hexanone-d5	10.875	63	55424	53.393	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	131357	25.015	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	134842	24.725	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	108740	23.930	ug/L	100
3) Chloromethane	2.146	50	137099	23.256	ug/L	100
5) Vinyl chloride	2.281	62	201922	23.952	ug/L	96
6) Bromomethane	2.693	94	163501	25.982	ug/L	95
8) Chloroethane	2.834	64	142189	25.054	ug/L	98
9) Trichlorofluoromethane	3.175	101	188375	26.988	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	118432	26.039	ug/L	99
12) 1,1-Dichloroethene	3.940	96	105650	26.196	ug/L #	76
13) Acetone	4.022	43	84089	67.936	ug/L	95
14) Carbon disulfide	4.269	76	366108	26.155	ug/L	98
16) Methylene chloride	4.793	84	135202	23.511	ug/L	78
17) trans-1,2-Dichloroethene	5.311	96	120215	26.325	ug/L	85
18) Methyl tert-butyl Ether	5.322	73	256028	25.378	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	192760	25.281	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	131565	25.809	ug/L	88
22) 2-Butanone	7.081	43	94734	54.704	ug/L	83
23) Bromochloromethane	7.422	128	65179	26.362	ug/L #	76
25) Chloroform	7.599	83	212550	25.453	ug/L	98
27) 1,2-Dichloroethane	8.328	62	136491	26.079	ug/L	99

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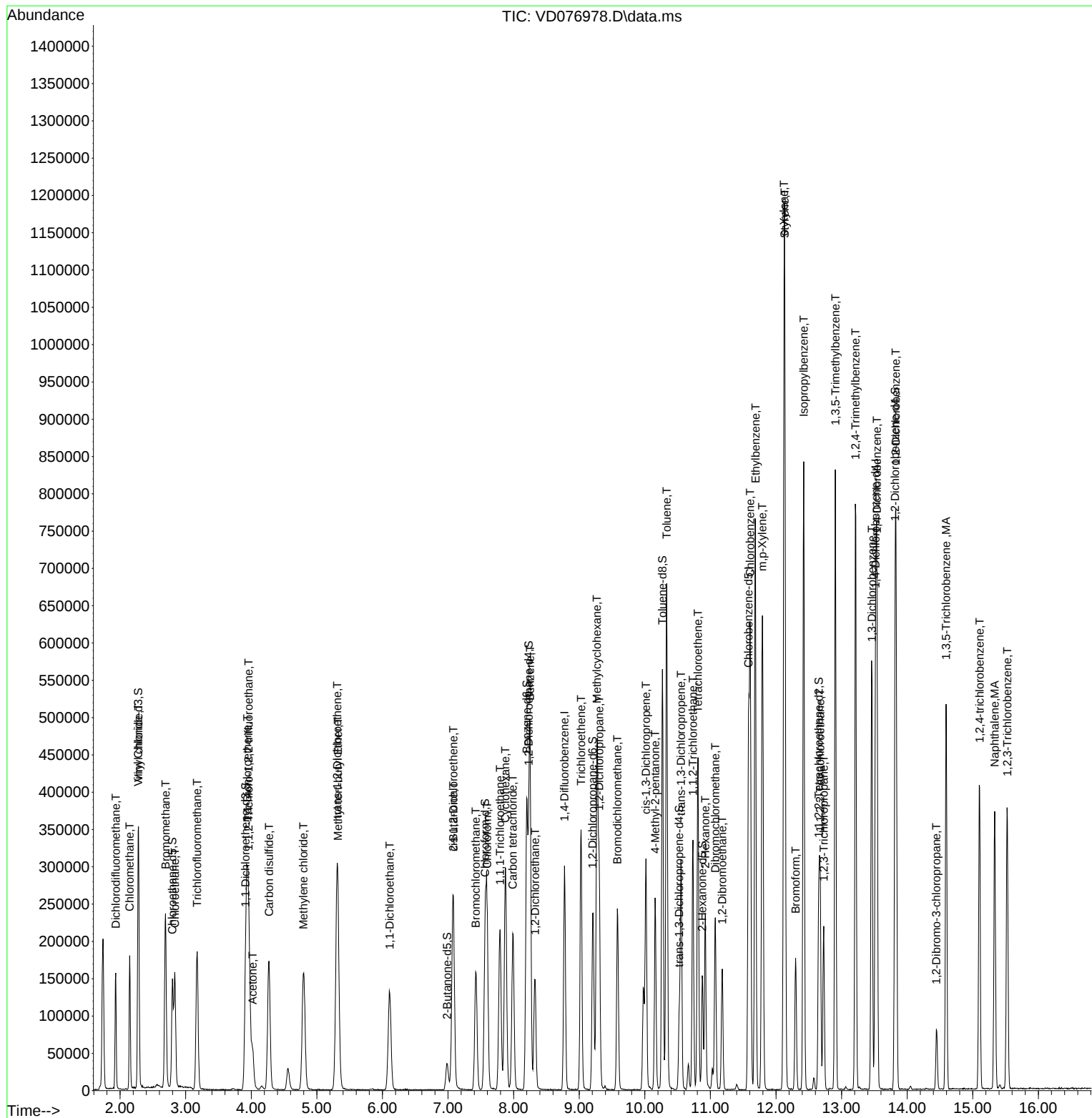
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	156313	25.259	ug/L #	79
30) 1,1,1-Trichloroethane	7.793	97	183893	26.400	ug/L	96
31) Carbon tetrachloride	7.987	117	155836	27.336	ug/L	98
33) Benzene	8.252	78	479466	26.020	ug/L	100
34) Trichloroethene	9.028	95	123029	25.638	ug/L	97
35) Methylcyclohexane	9.269	83	209271	26.742	ug/L	89
37) 1,2-Dichloropropane	9.305	63	119015	25.426	ug/L #	97
38) Bromodichloromethane	9.581	83	163885	25.424	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	192707	25.509	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	153592	52.078	ug/L #	89
42) Toluene	10.334	91	528137	26.358	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	168399	25.506	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	109610	26.348	ug/L	96
46) Tetrachloroethene	10.810	164	100304	27.734	ug/L	98
48) 2-Hexanone	10.922	43	134599	59.345	ug/L #	87
49) Dibromochloromethane	11.075	129	123981	26.789	ug/L	95
50) 1,2-Dibromoethane	11.181	107	104569	25.773	ug/L	89
51) Chlorobenzene	11.604	112	342142	26.209	ug/L	95
52) Ethylbenzene	11.687	91	570872	26.737	ug/L	98
53) m,p-Xylene	11.793	106	220905	26.814	ug/L	93
54) o-Xylene	12.122	106	210927	26.620	ug/L	100
55) Styrene	12.134	104	386853	27.003	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.675	83	135726	26.379	ug/L	95
59) Bromoform	12.298	173	78439	26.514	ug/L #	98
60) Isopropylbenzene	12.422	105	559025	26.057	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	87066	25.008	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	432443	26.460	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	429414	26.401	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	252016	25.739	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	264458	26.130	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	230842	25.150	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	19777	24.792	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	160845	26.251	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	137097	25.436	ug/L	98
71) Naphthalene	15.334	128	327187	25.817	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	130717	26.743	ug/L	99

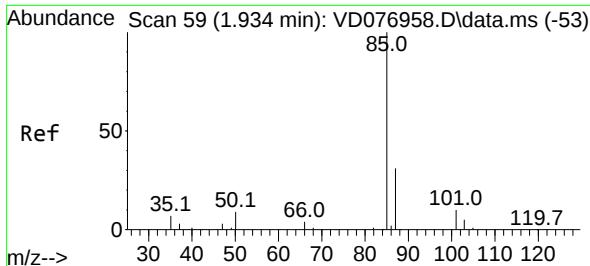
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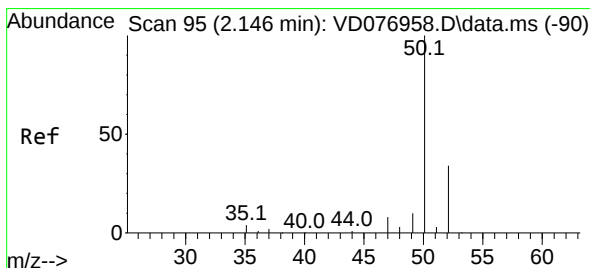
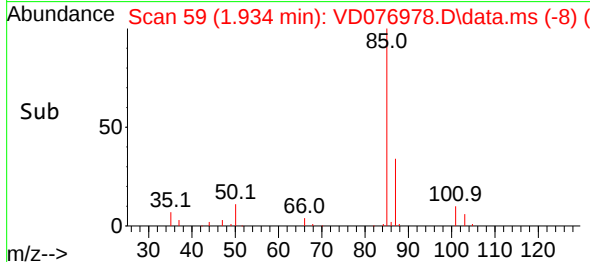
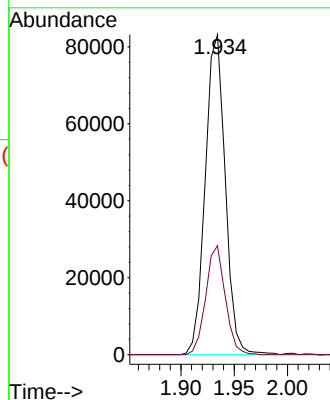
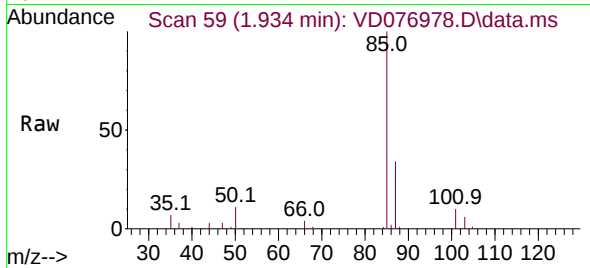




#2
 Dichlorodifluoromethane
 Concen: 23.930 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD076978.D
 Acq: 11 Aug 2023 09:12

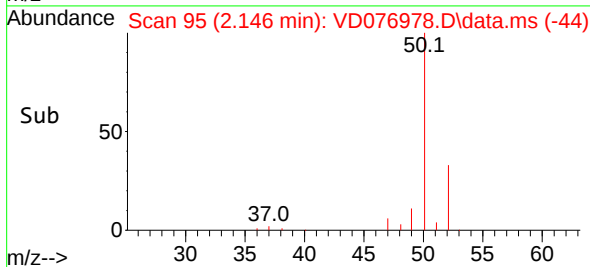
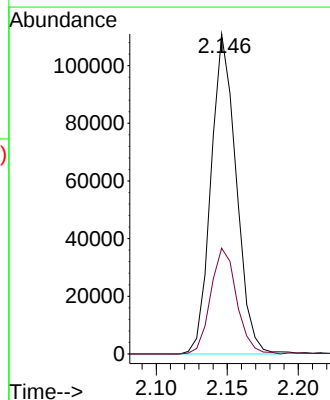
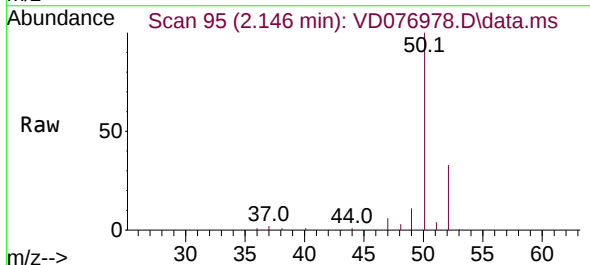
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 ClientSampleId :
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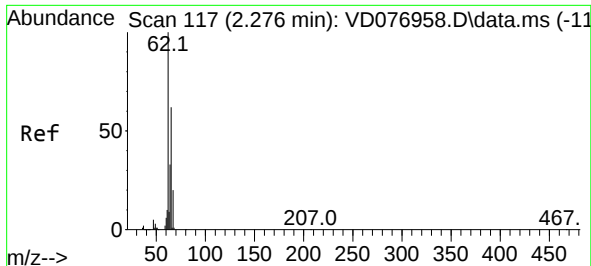
Tgt Ion: 85 Resp: 108740
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.3 39.5



#3
 Chloromethane
 Concen: 23.256 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076978.D
 Acq: 11 Aug 2023 09:12

Tgt Ion: 50 Resp: 137099
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.2

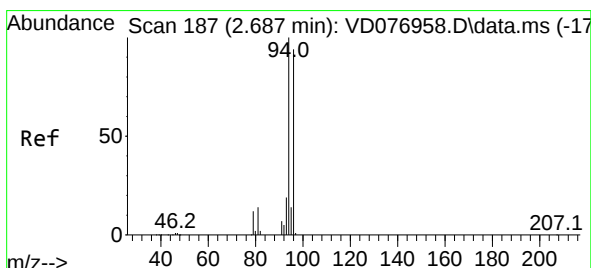
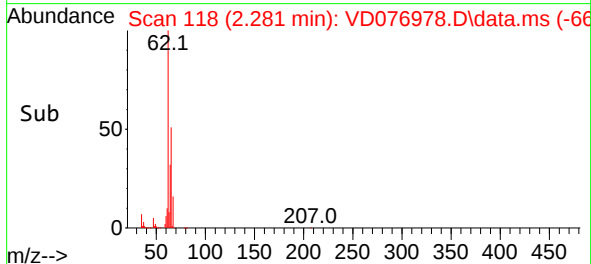
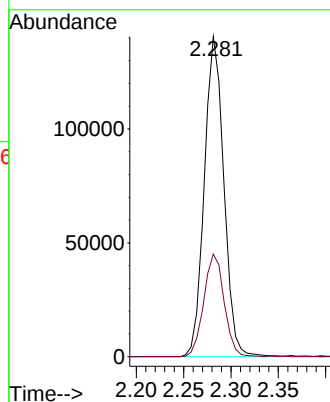
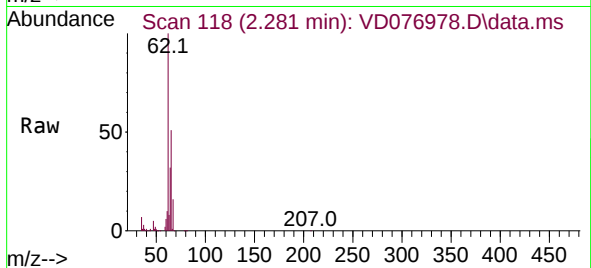




#5
 Vinyl chloride
 Concen: 23.952 ug/L
 RT: 2.281 min Scan# 117
 Delta R.T. 0.006 min
 Lab File: VD076978.D
 Acq: 11 Aug 2023 09:12

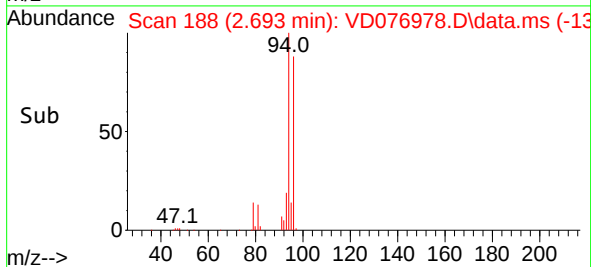
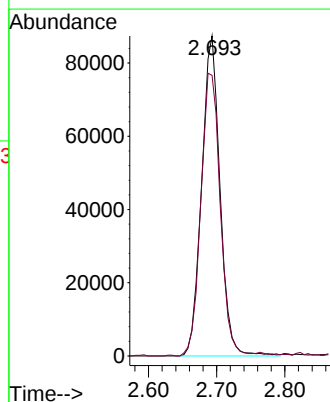
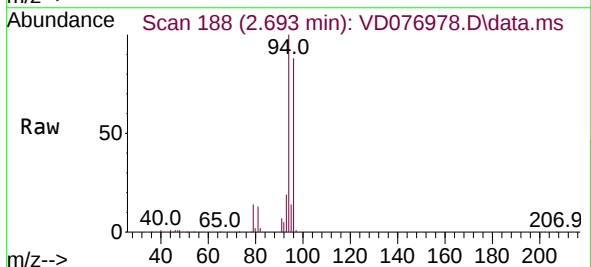
Instrument :
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 ClientSampleId :
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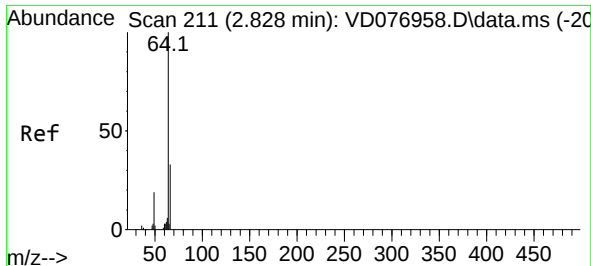
Tgt Ion: 62 Resp: 201922
 Ion Ratio Lower Upper
 62 100
 64 32.1 21.1 39.1



#6
 Bromomethane
 Concen: 25.982 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD076978.D
 Acq: 11 Aug 2023 09:12

Tgt Ion: 94 Resp: 163501
 Ion Ratio Lower Upper
 94 100
 96 87.7 64.7 120.1

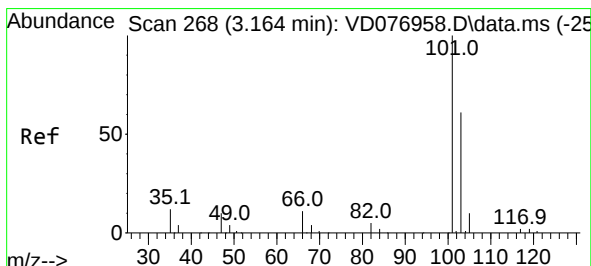
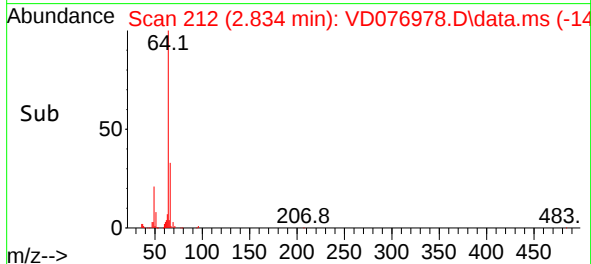
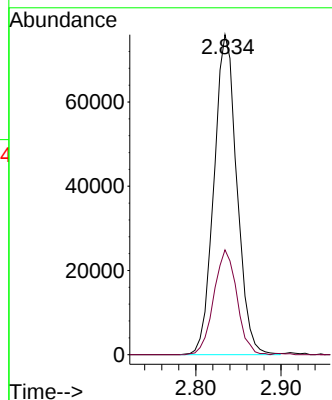
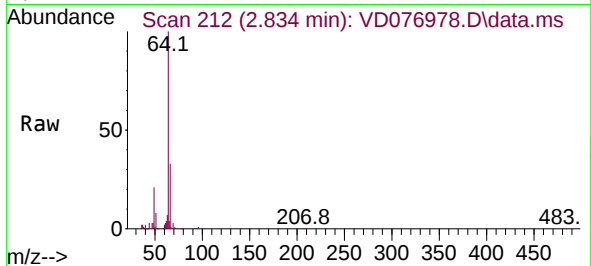




#8
Chloroethane
Concen: 25.054 ug/L
RT: 2.834 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

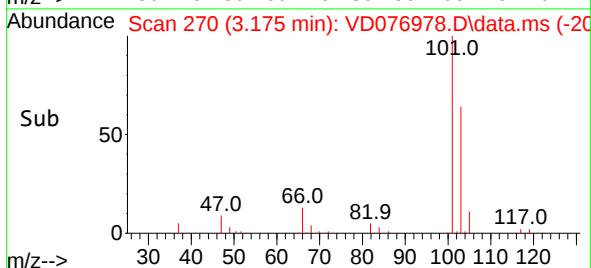
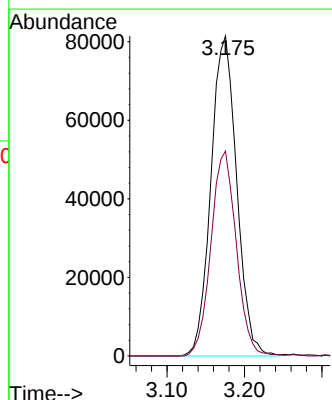
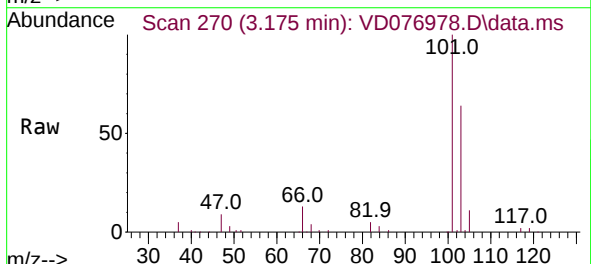
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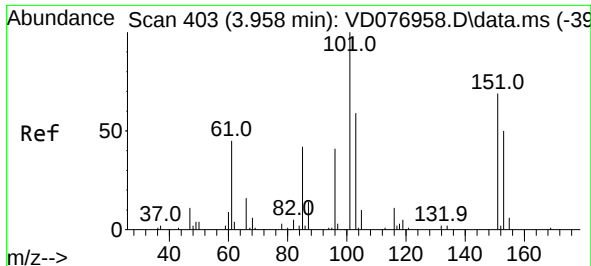
Tgt Ion: 64 Resp: 142189
Ion Ratio Lower Upper
64 100
66 32.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 26.988 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.012 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion: 101 Resp: 188375
Ion Ratio Lower Upper
101 100
103 62.8 51.8 77.6

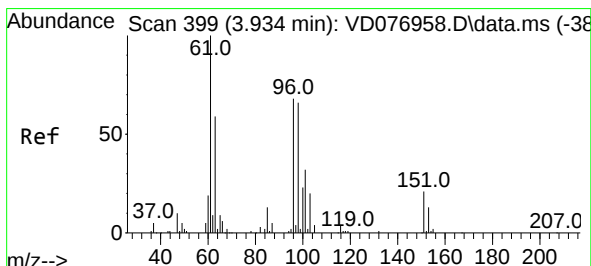
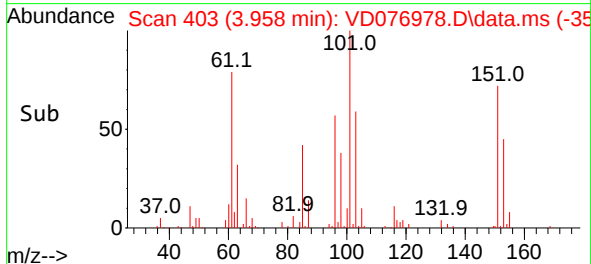
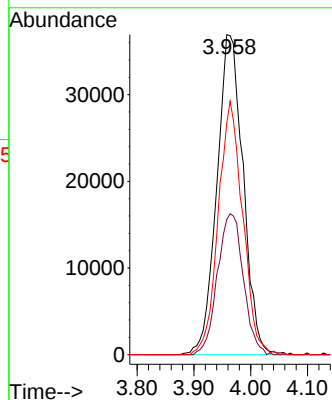
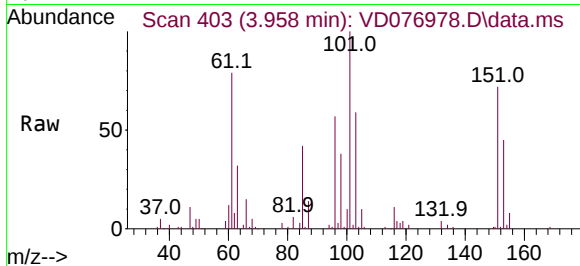




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.039 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: VD076978.D
 Acq: 11 Aug 2023 09:12

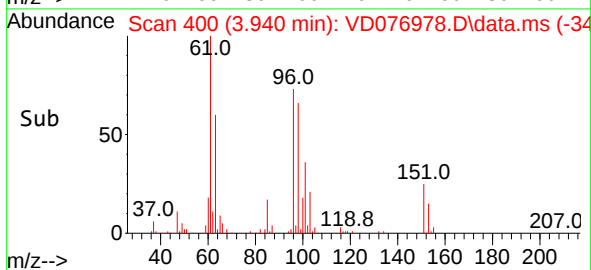
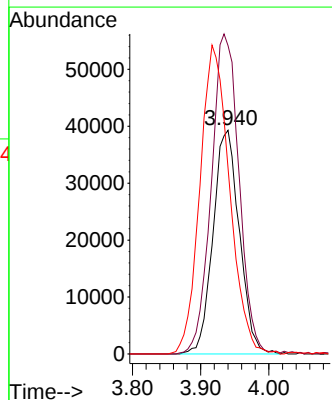
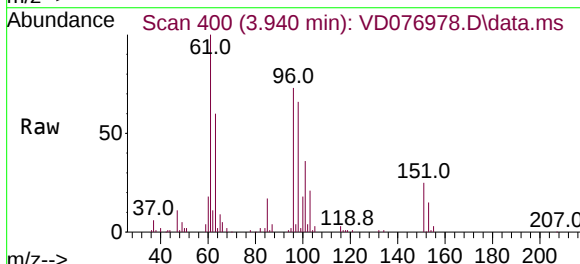
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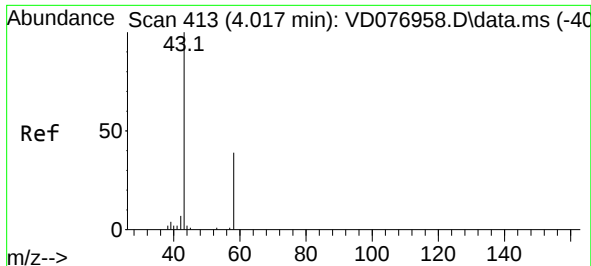
Tgt Ion:101 Resp: 118432
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.5 53.3
 151 73.6 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 26.196 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.006 min
 Lab File: VD076978.D
 Acq: 11 Aug 2023 09:12

Tgt Ion: 96 Resp: 105650
 Ion Ratio Lower Upper
 96 100
 61 137.8 113.0 209.8
 63 83.1 83.6 155.2#





#13

Acetone

Concen: 67.936 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

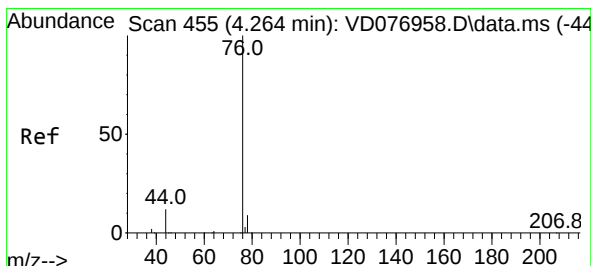
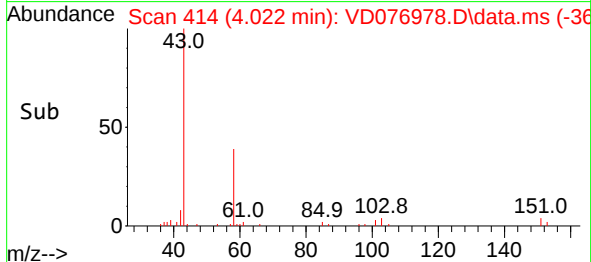
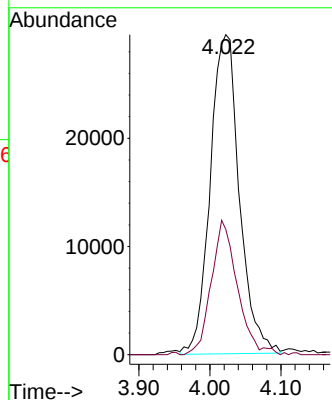
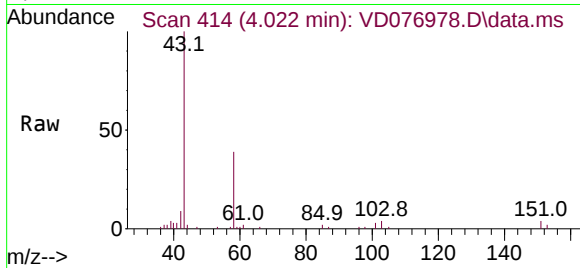
VSTD025179

Tgt Ion: 43 Resp: 84089

Ion Ratio Lower Upper

43 100

58 36.8 0.0 67.4



#14

Carbon disulfide

Concen: 26.155 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.006 min

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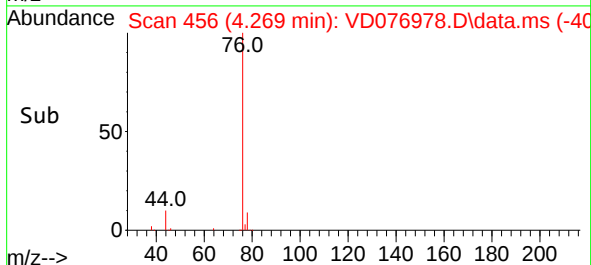
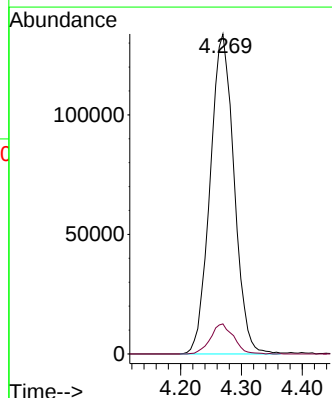
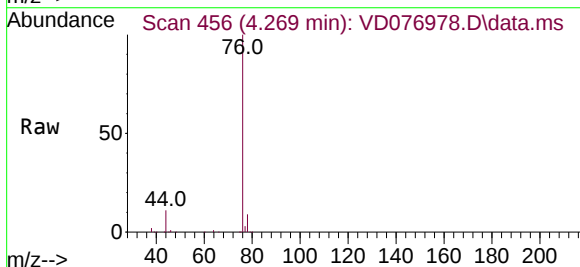
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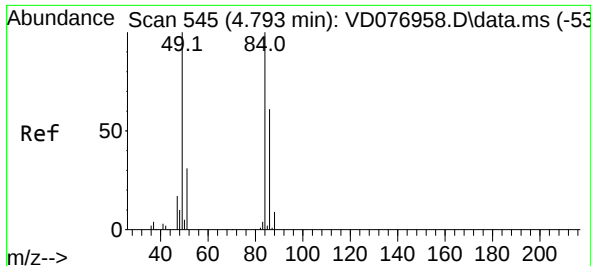
Tgt Ion: 76 Resp: 366108

Ion Ratio Lower Upper

76 100

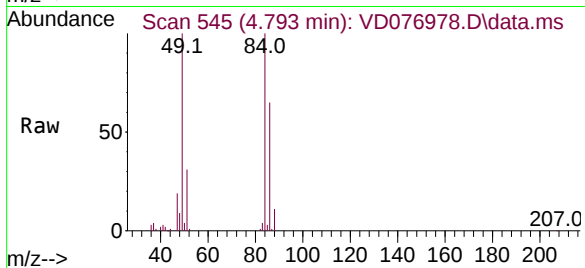
78 9.4 7.0 10.4





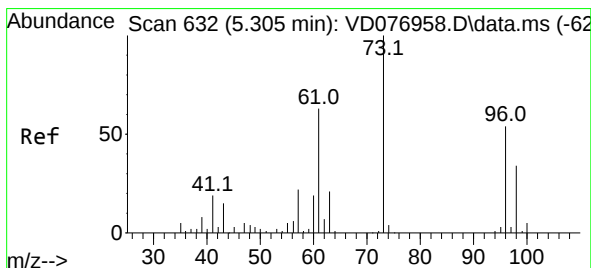
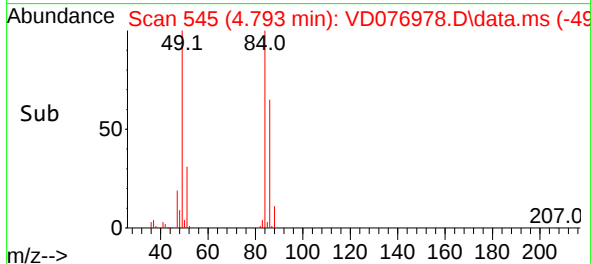
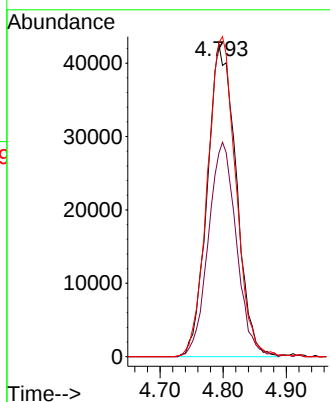
#16
Methylene chloride
Concen: 23.511 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Instrument :
MSVOA_D
ClientSampleId :
VSTD025179



Tgt Ion: 84 Resp: 135202

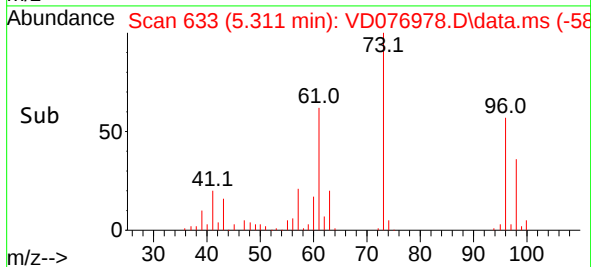
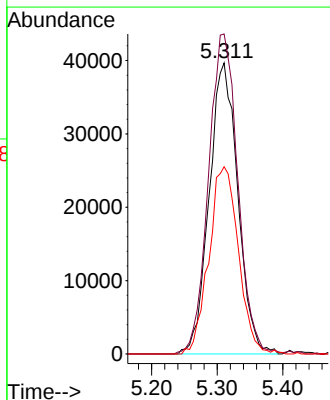
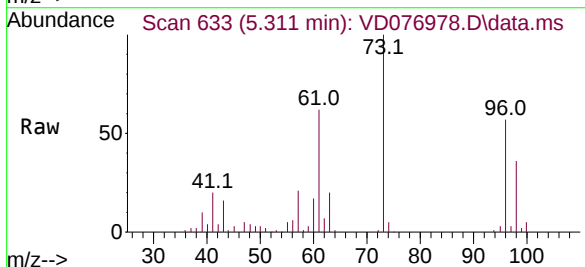
Ion	Ratio	Lower	Upper
84	100		
86	65.0	45.1	83.9
49	100.4	97.2	180.6

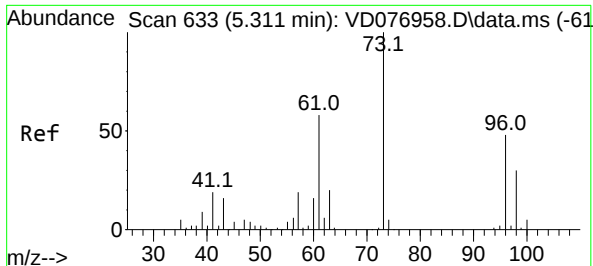


#17
trans-1,2-Dichloroethene
Concen: 26.325 ug/L
RT: 5.311 min Scan# 633
Delta R.T. 0.006 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion: 96 Resp: 120215

Ion	Ratio	Lower	Upper
96	100		
61	109.9	94.5	175.5
98	64.3	46.0	85.4





#18

Methyl tert-butyl Ether

Concen: 25.378 ug/L

RT: 5.322 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

VSTD025179

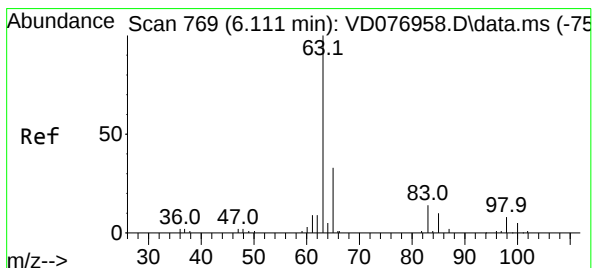
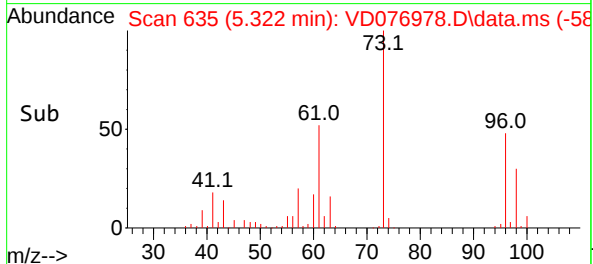
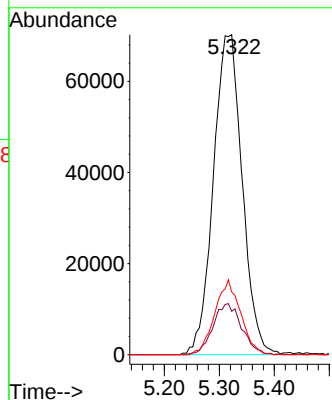
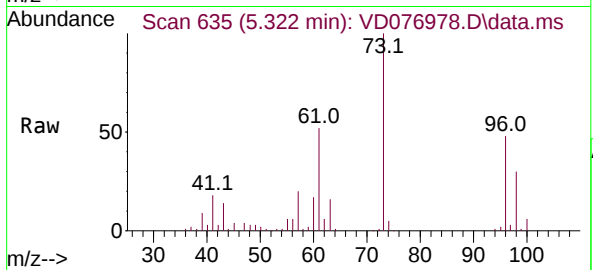
Tgt Ion: 73 Resp: 256028

Ion Ratio Lower Upper

73 100

43 15.8 7.2 10.8#

57 20.9 18.6 28.0



#19

1,1-Dichloroethane

Concen: 25.281 ug/L

RT: 6.111 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

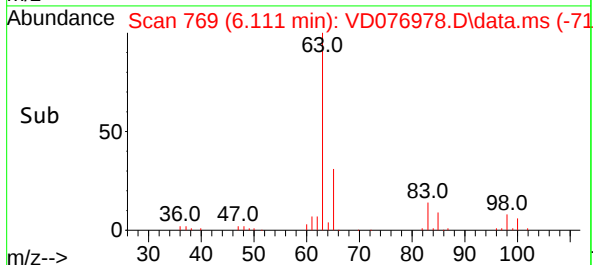
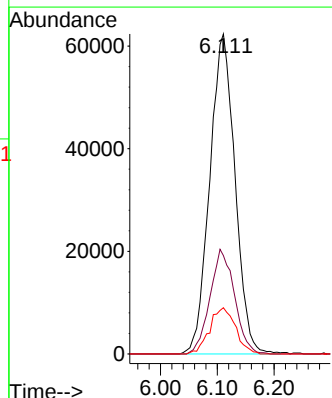
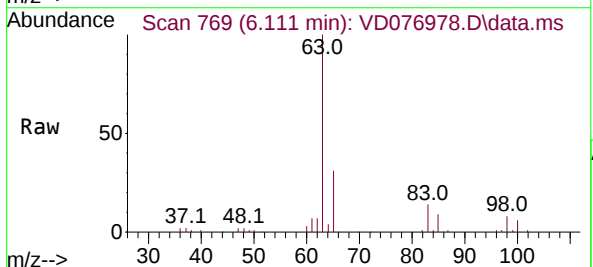
Tgt Ion: 63 Resp: 192760

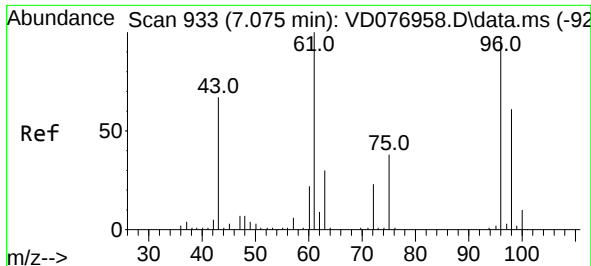
Ion Ratio Lower Upper

63 100

65 30.8 20.8 38.6

83 14.4 8.9 16.5

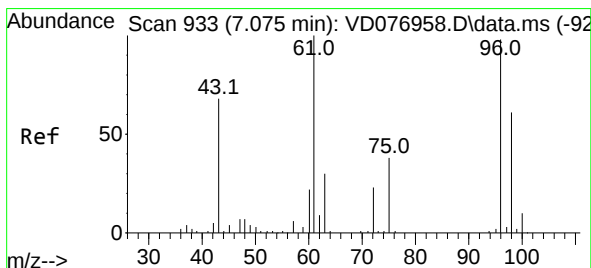
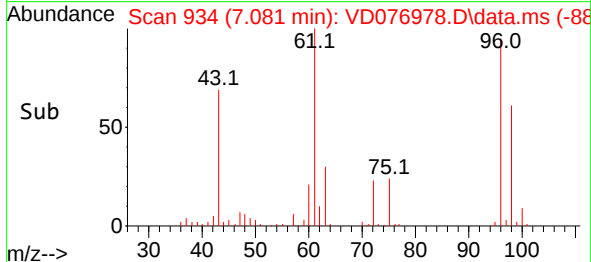
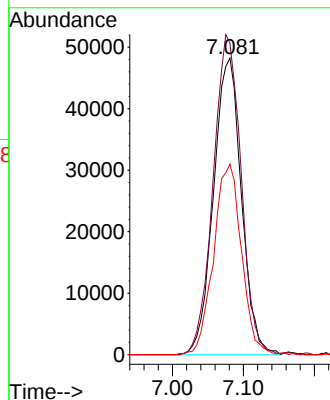
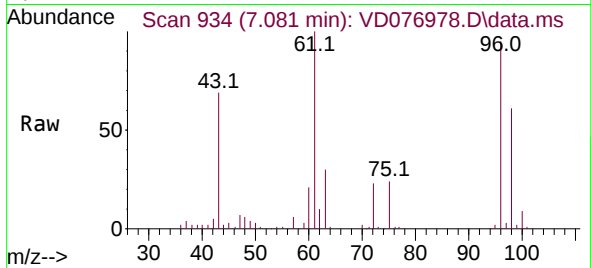




#20
cis-1,2-Dichloroethene
Concen: 25.809 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

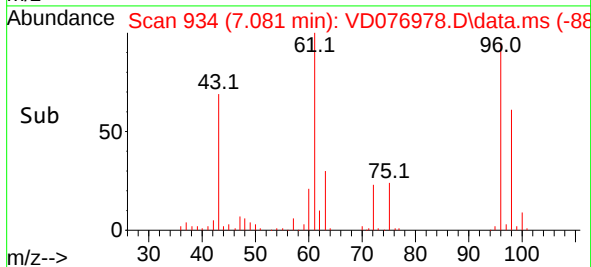
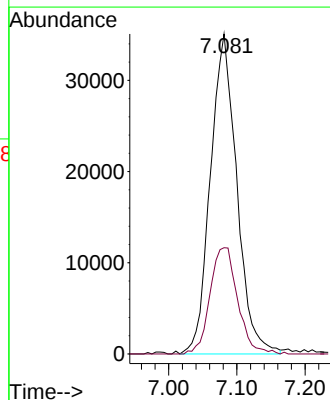
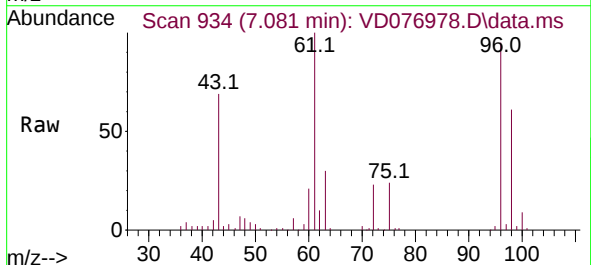
Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

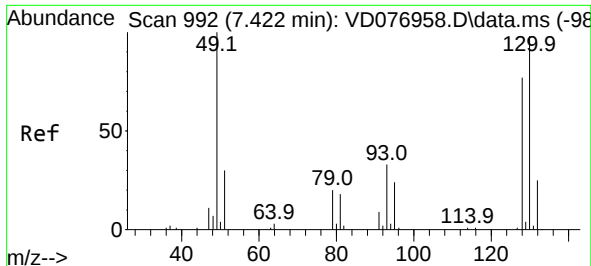
Tgt Ion: 96 Resp: 131565
Ion Ratio Lower Upper
96 100
61 105.1 86.0 159.6
98 64.2 42.2 78.4



#22
2-Butanone
Concen: 54.704 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

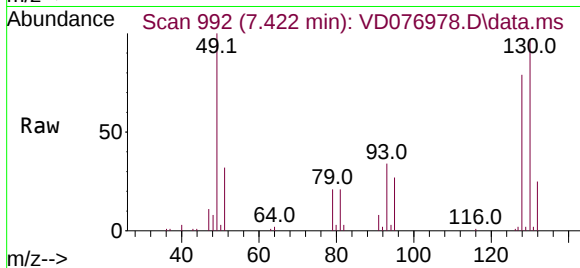
Tgt Ion: 43 Resp: 94734
Ion Ratio Lower Upper
43 100
72 34.7 12.9 38.7



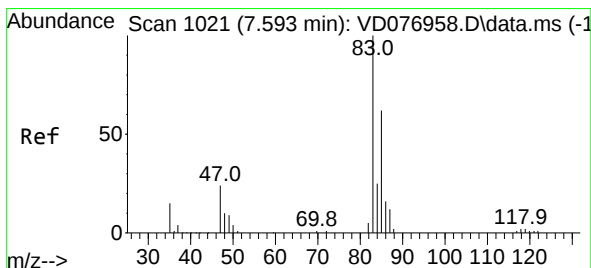
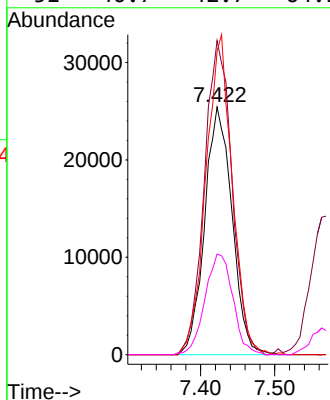
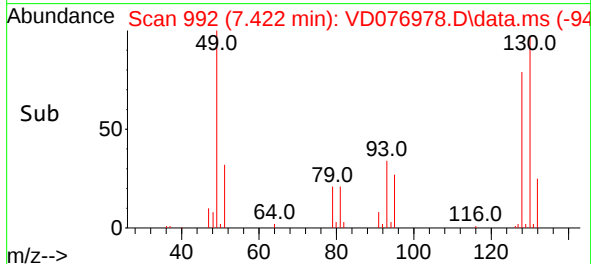


#23
Bromochloromethane
Concen: 26.362 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

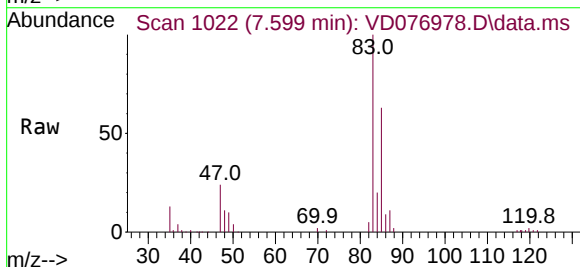
Instrument :
MSVOA_D
ClientSampleId :
VSTD025179



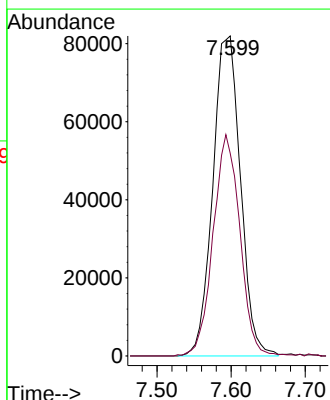
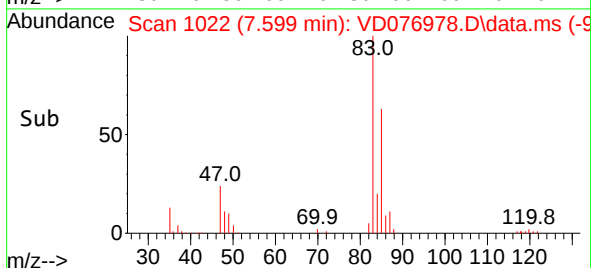
Tgt Ion:128 Resp: 65179
Ion Ratio Lower Upper
128 100
49 126.9 124.7 231.7
130 122.6 80.0 148.6
51 40.7 42.7 64.1#

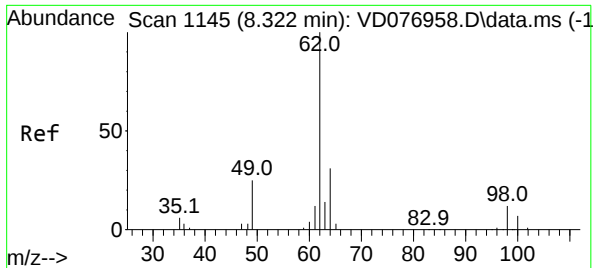


#25
Chloroform
Concen: 25.453 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12



Tgt Ion: 83 Resp: 212550
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4

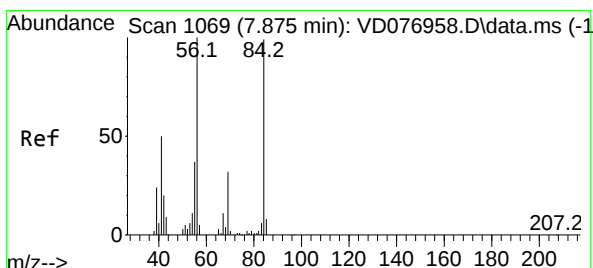
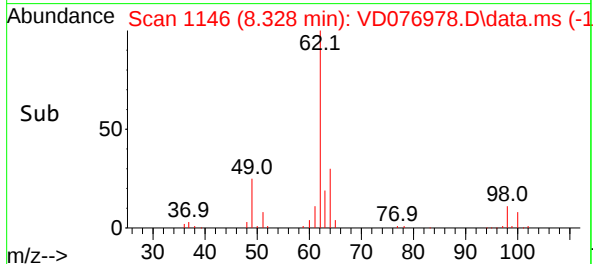
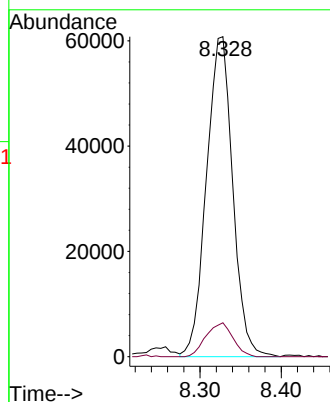
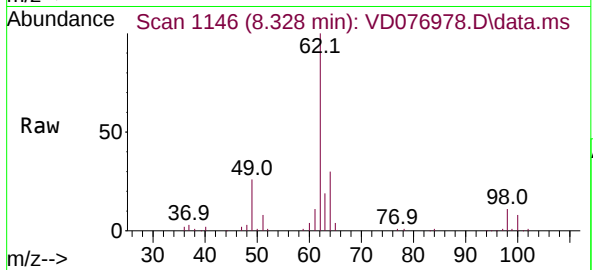




#27
1,2-Dichloroethane
Concen: 26.079 ug/L
RT: 8.328 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

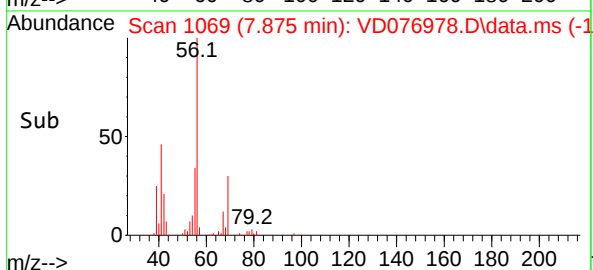
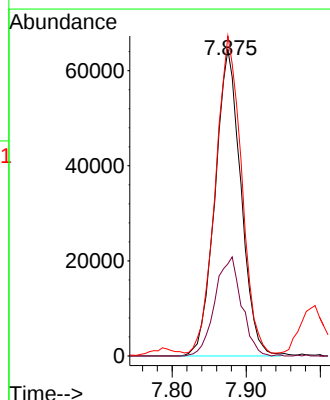
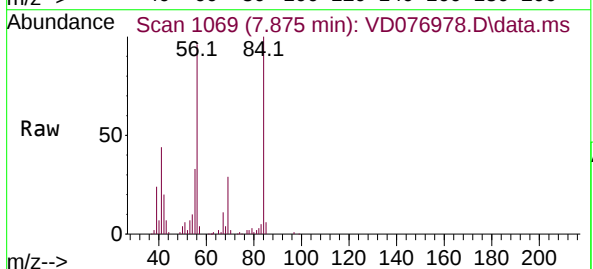
Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

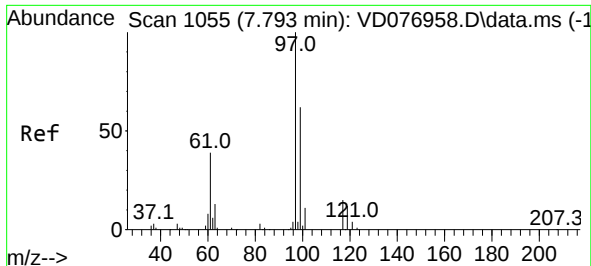
Tgt Ion: 62 Resp: 136491
Ion Ratio Lower Upper
62 100
98 10.6 8.7 13.1



#29
Cyclohexane
Concen: 25.259 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion: 56 Resp: 156313
Ion Ratio Lower Upper
56 100
69 33.2 23.4 35.0
84 106.3 66.3 99.5





#30

1,1,1-Trichloroethane

Concen: 26.400 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

VSTD025179

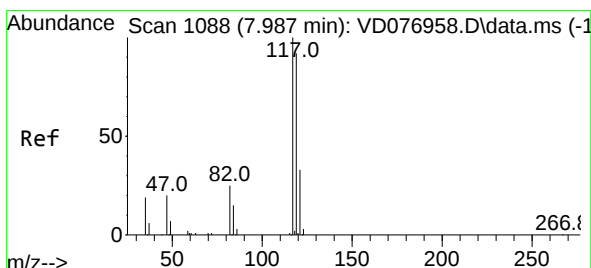
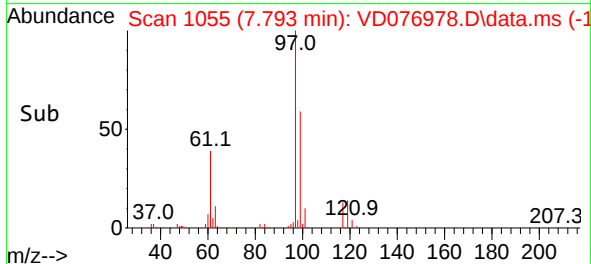
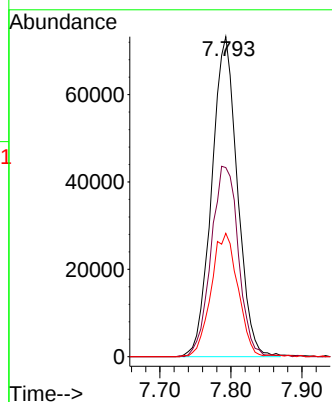
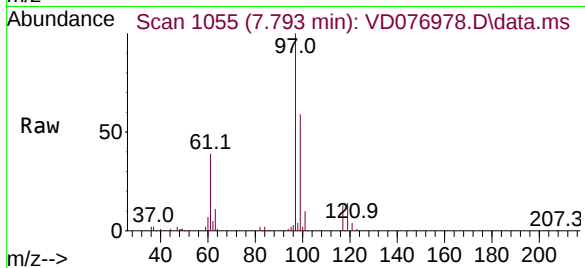
Tgt Ion: 97 Resp: 183893

Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.6

61 40.2 36.4 54.6



#31

Carbon tetrachloride

Concen: 27.336 ug/L

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076978.D

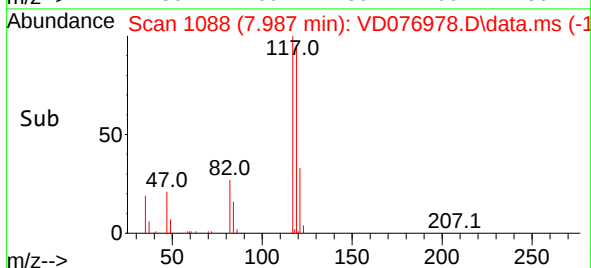
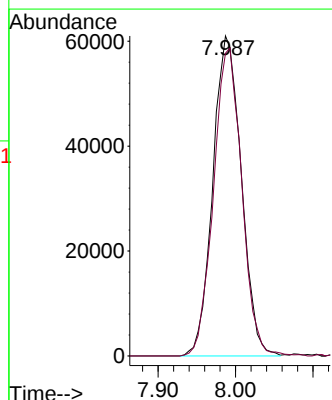
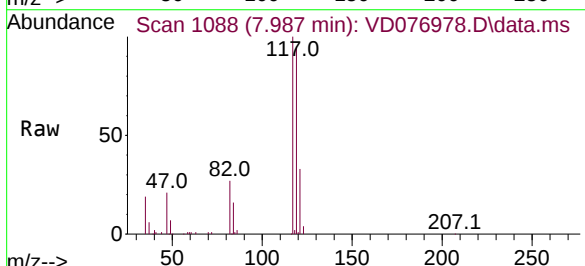
Acq: 11 Aug 2023 09:12

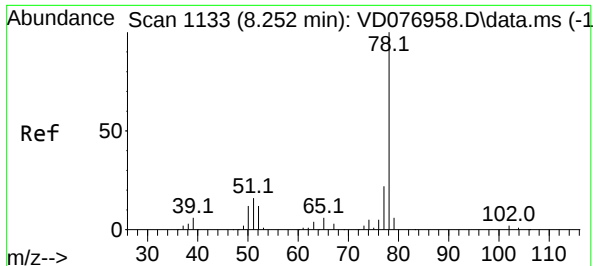
Tgt Ion: 117 Resp: 155836

Ion Ratio Lower Upper

117 100

119 95.6 77.8 116.6

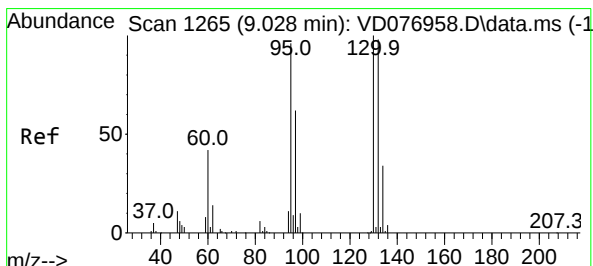
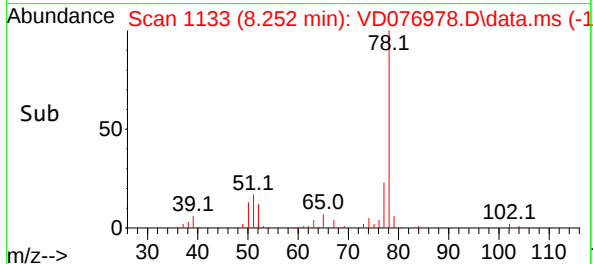
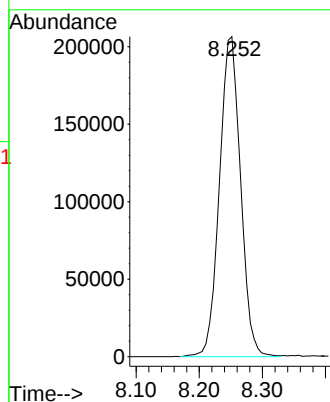
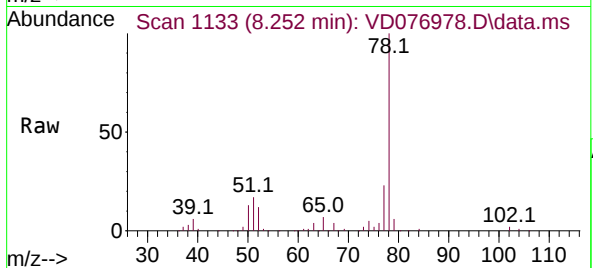




#33
Benzene
Concen: 26.020 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

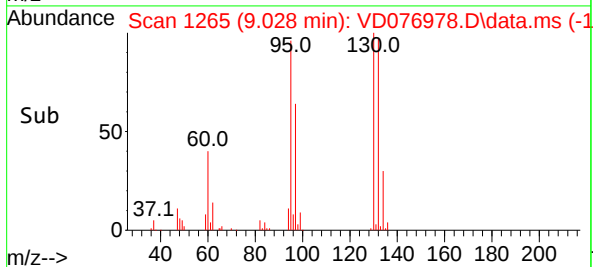
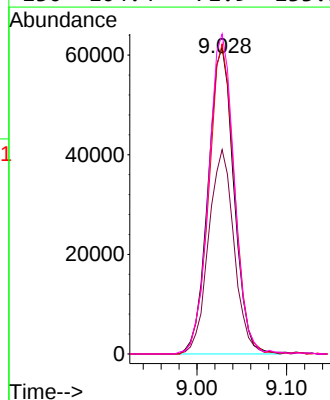
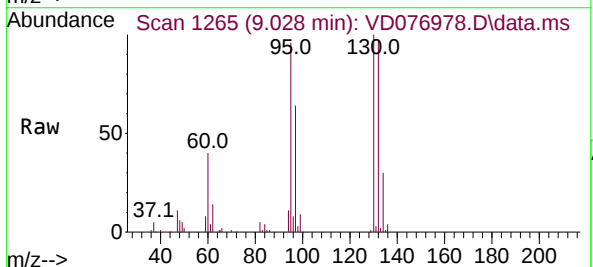
Tgt Ion: 78 Resp: 479466

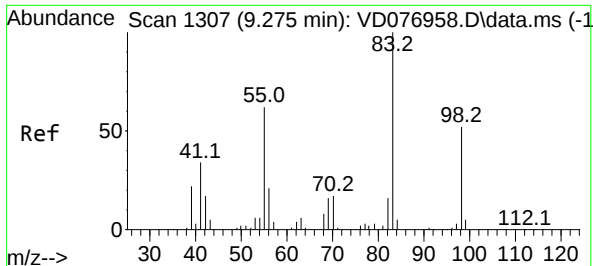


#34
Trichloroethene
Concen: 25.638 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion: 95 Resp: 123029

Ion	Ratio	Lower	Upper
95	100		
97	66.7	43.1	80.1
132	101.1	71.8	133.4
130	104.4	71.9	133.5





#35

Methylcyclohexane

Concen: 26.742 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

VSTD025179

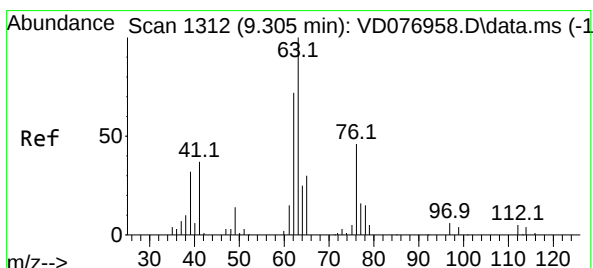
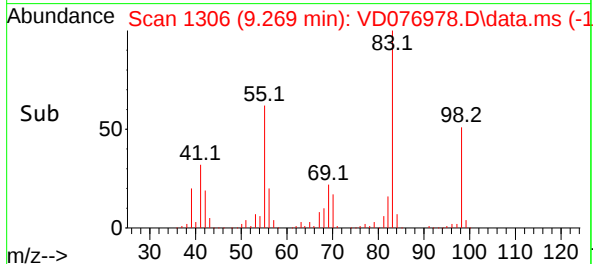
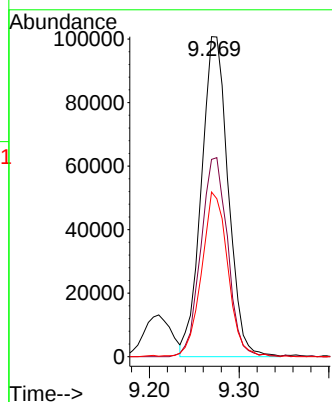
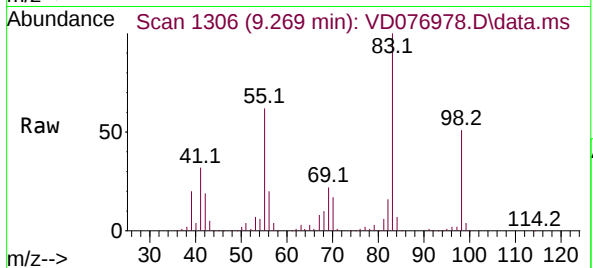
Tgt Ion: 83 Resp: 209271

Ion Ratio Lower Upper

83 100

55 62.0 59.8 89.6

98 50.1 37.8 56.6



#37

1,2-Dichloropropane

Concen: 25.426 ug/L

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD076978.D

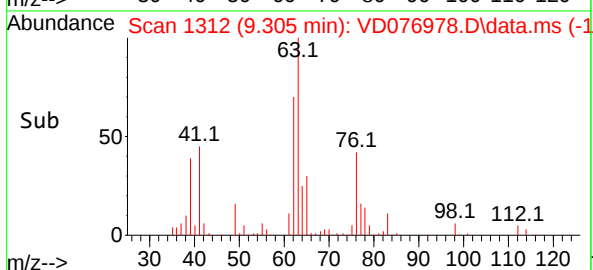
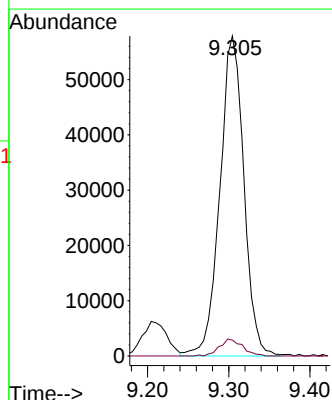
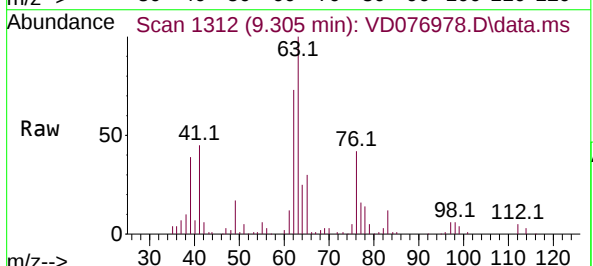
Acq: 11 Aug 2023 09:12

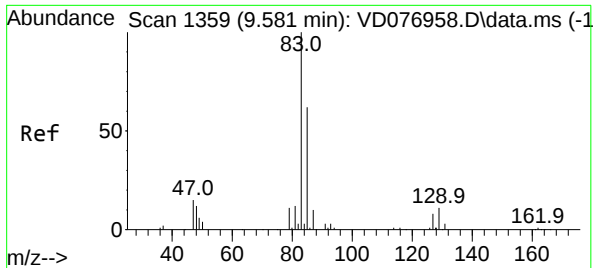
Tgt Ion: 63 Resp: 119015

Ion Ratio Lower Upper

63 100

112 5.0 3.1 4.7#

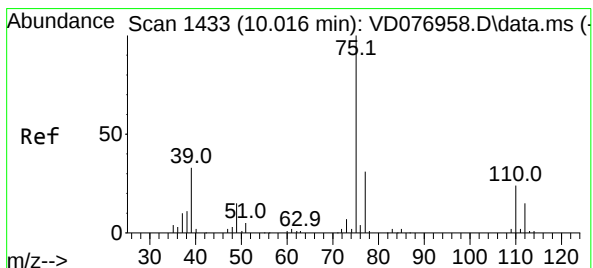
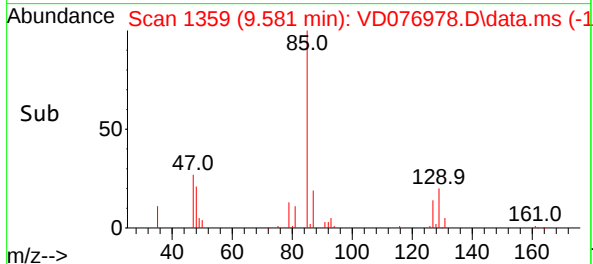
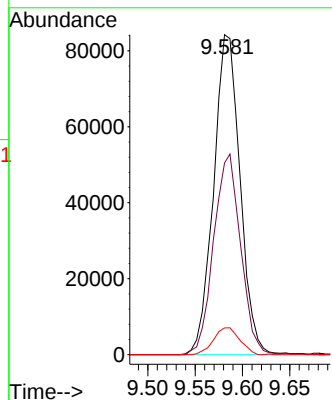
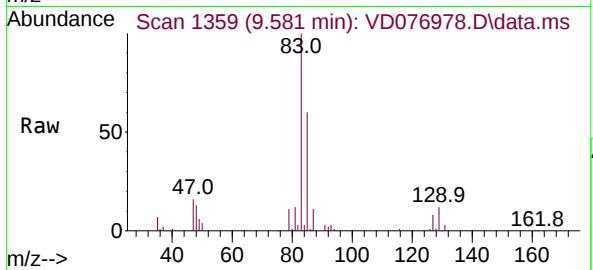




#38
Bromodichloromethane
Concen: 25.424 ug/L
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

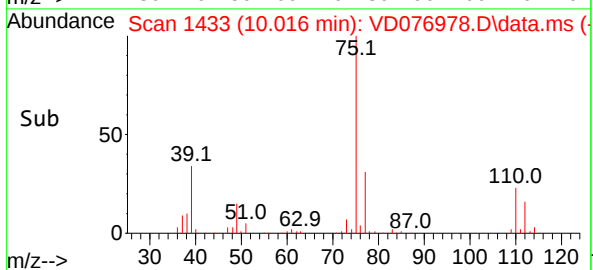
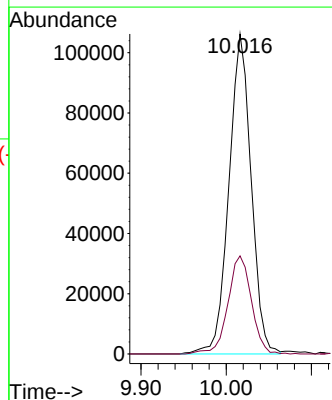
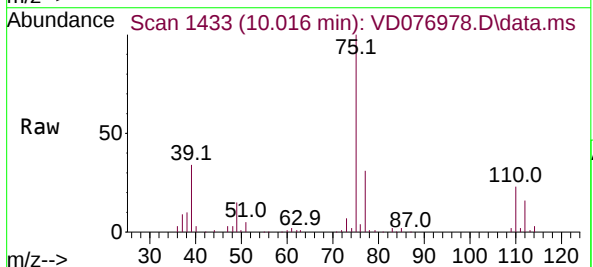
Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

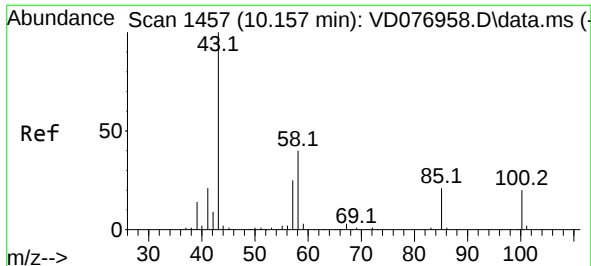
Tgt Ion: 83 Resp: 163885
Ion Ratio Lower Upper
83 100
85 59.9 43.9 81.5
127 8.4 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 25.509 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion: 75 Resp: 192707
Ion Ratio Lower Upper
75 100
77 30.7 22.7 42.3





#40

4-Methyl-2-pentanone

Concen: 52.078 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

VSTD025179

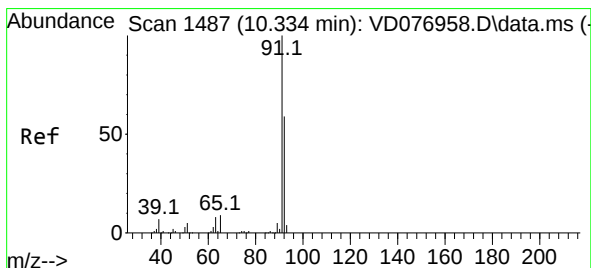
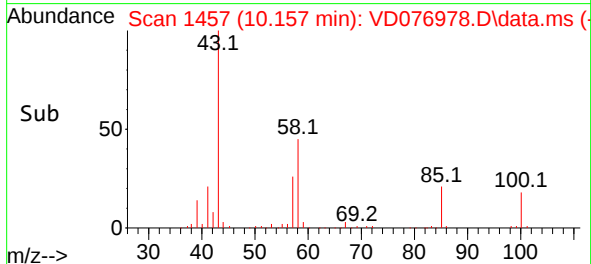
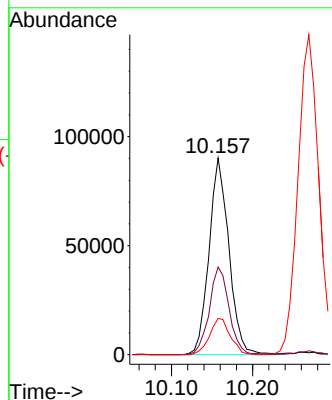
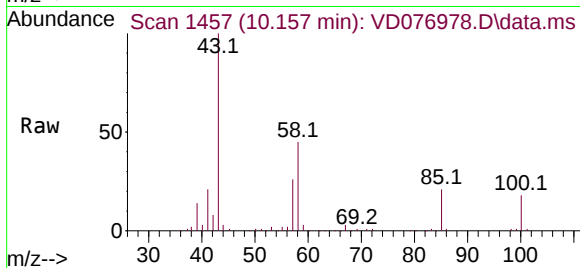
Tgt Ion: 43 Resp: 153592

Ion Ratio Lower Upper

43 100

58 44.4 30.7 46.1

100 19.1 11.0 16.4#



#42

Toluene

Concen: 26.358 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076978.D

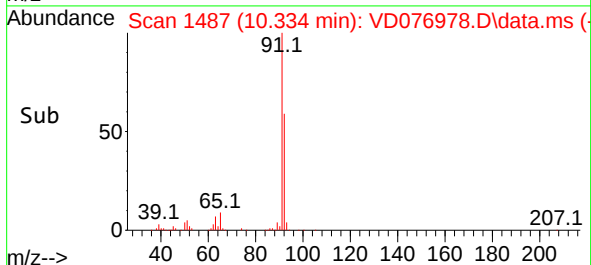
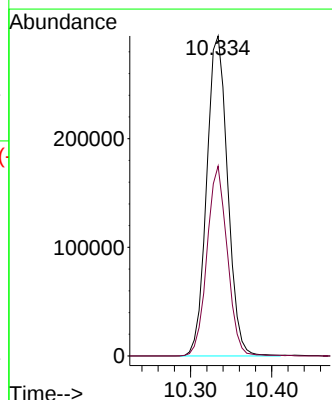
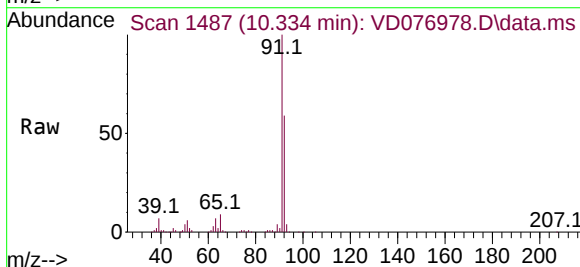
Acq: 11 Aug 2023 09:12

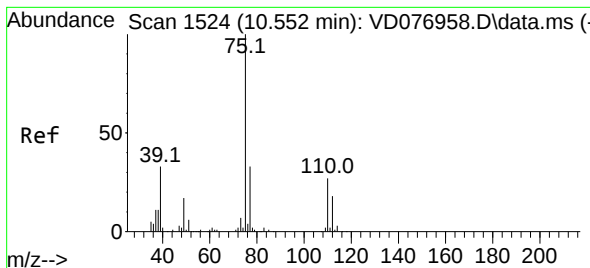
Tgt Ion: 91 Resp: 528137

Ion Ratio Lower Upper

91 100

92 59.4 39.3 73.1

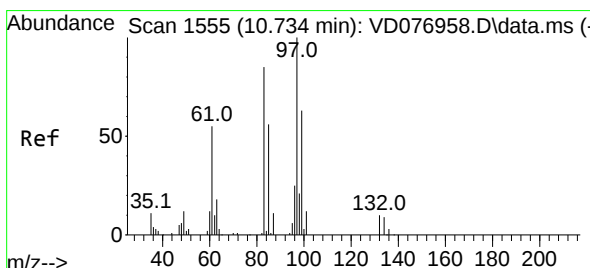
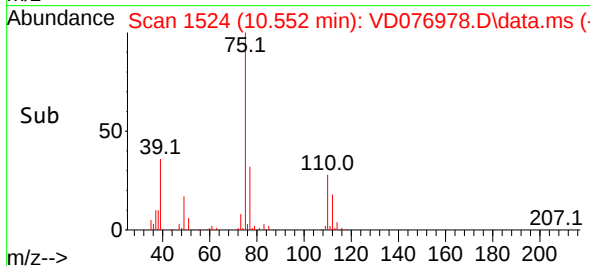
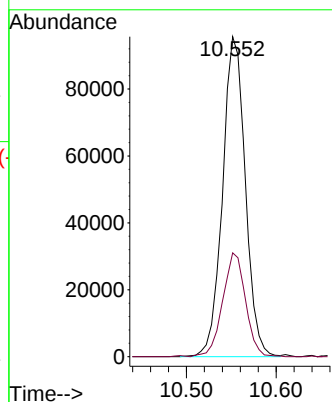
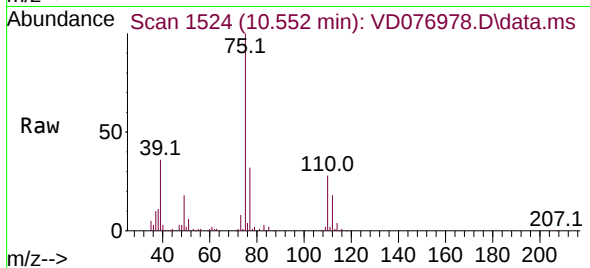




#44
trans-1,3-Dichloropropene
Concen: 25.506 ug/L
RT: 10.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

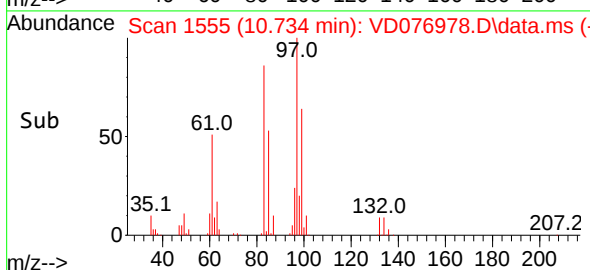
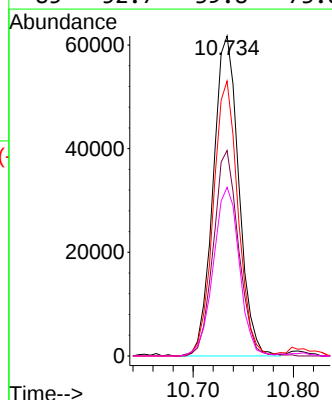
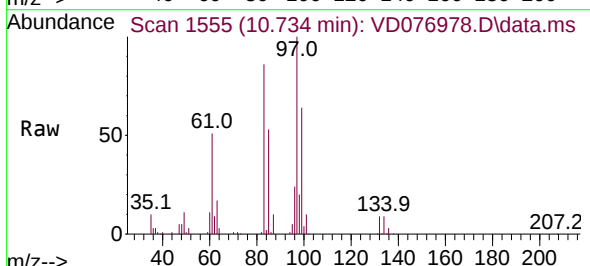
Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

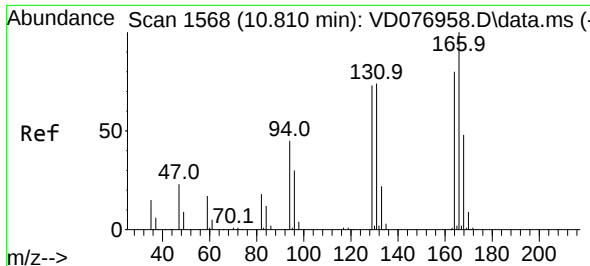
Tgt Ion: 75 Resp: 168399
Ion Ratio Lower Upper
75 100
77 32.5 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 26.348 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion: 97 Resp: 109610
Ion Ratio Lower Upper
97 100
99 64.2 41.9 77.9
83 85.9 59.2 110.0
85 52.7 39.8 73.8



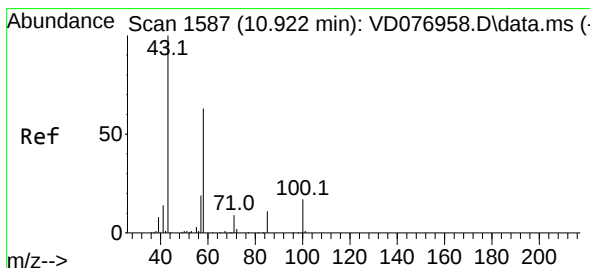
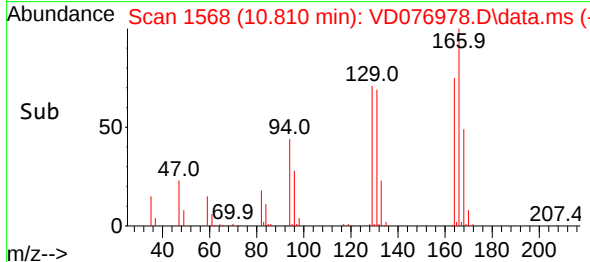
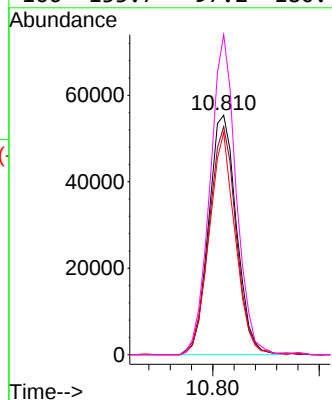
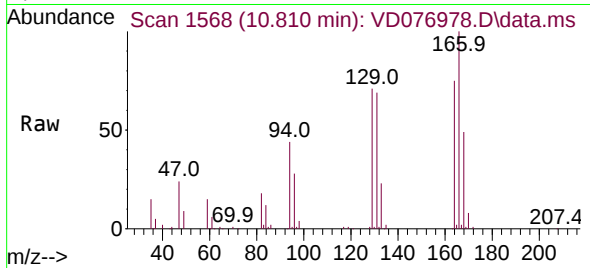


#46
Tetrachloroethene
Concen: 27.734 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

Tgt Ion:164 Resp: 100304

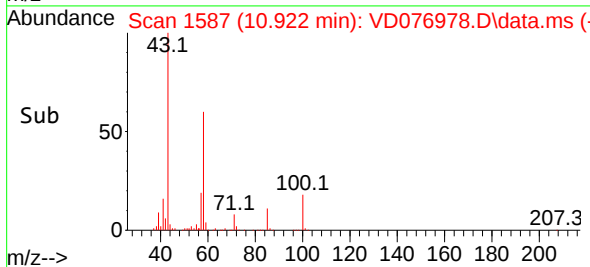
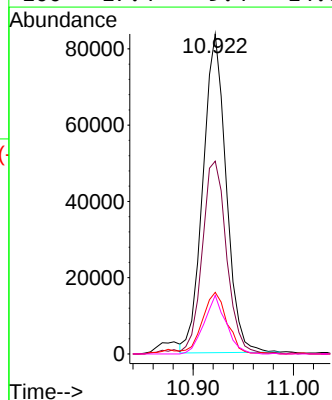
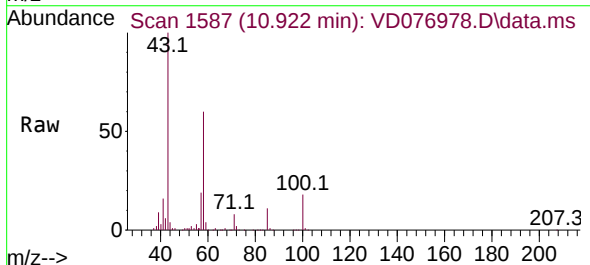
Ion	Ratio	Lower	Upper
164	100		
129	95.3	65.5	121.6
131	92.8	64.8	120.3
166	133.7	97.2	180.4

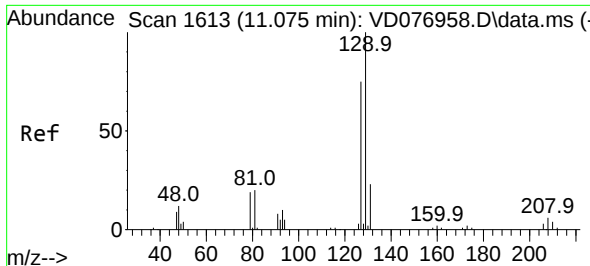


#48
2-Hexanone
Concen: 59.345 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion: 43 Resp: 134599

Ion	Ratio	Lower	Upper
43	100		
58	63.3	42.9	64.3
57	20.4	13.7	20.5
100	17.4	9.4	14.0





#49

Dibromochloromethane

Concen: 26.789 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

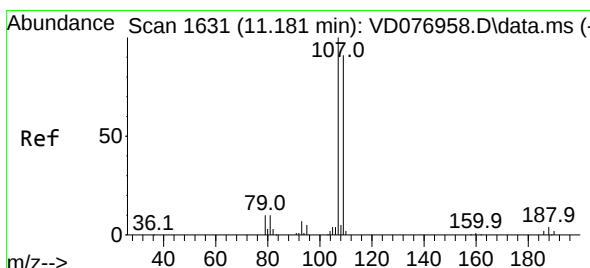
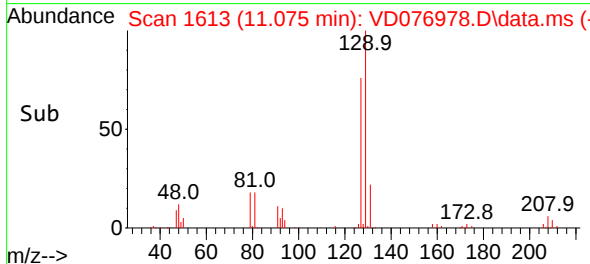
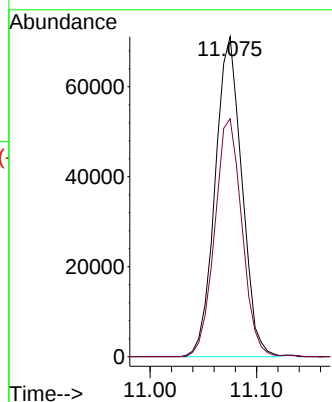
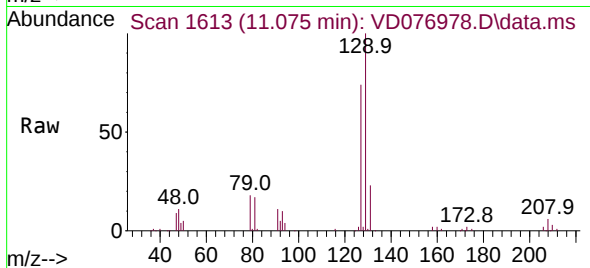
VSTD025179

Tgt Ion:129 Resp: 123981

Ion Ratio Lower Upper

129 100

127 74.4 55.2 102.6



#50

1,2-Dibromoethane

Concen: 25.773 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

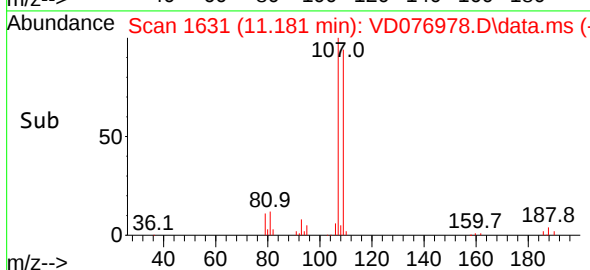
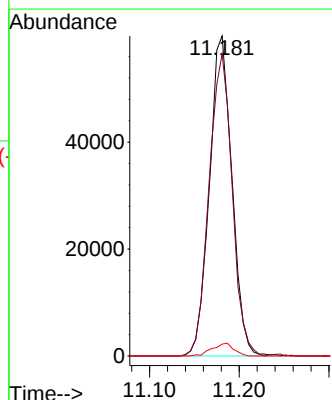
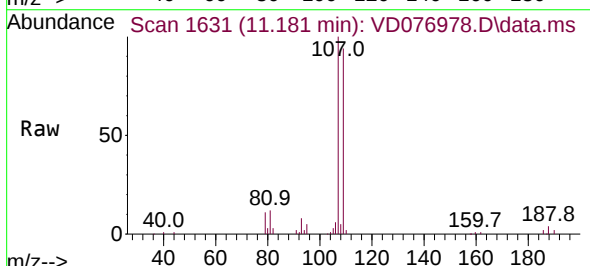
Tgt Ion:107 Resp: 104569

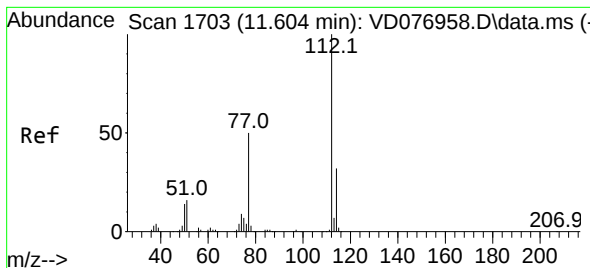
Ion Ratio Lower Upper

107 100

109 94.4 58.8 109.2

188 3.7 2.9 4.3

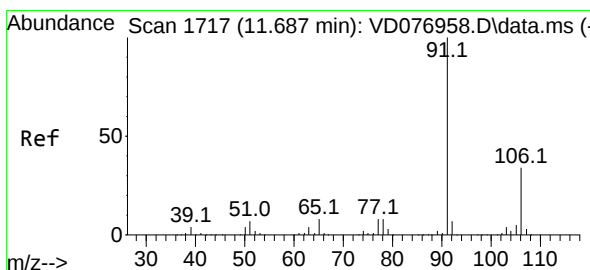
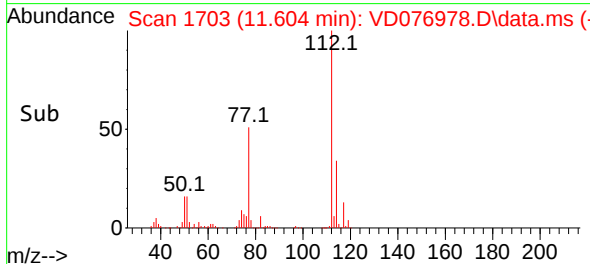
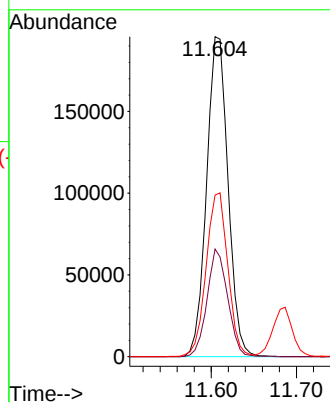
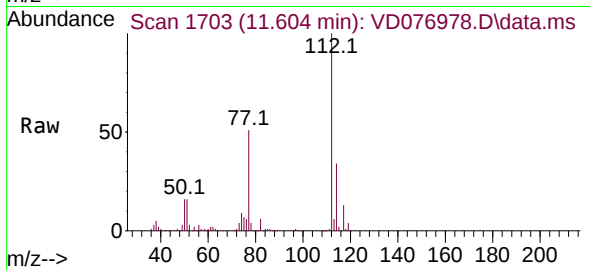




#51
Chlorobenzene
Concen: 26.209 ug/L
RT: 11.604 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

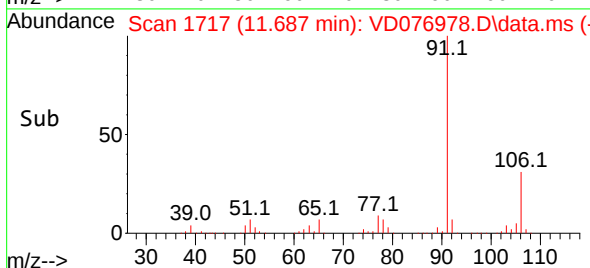
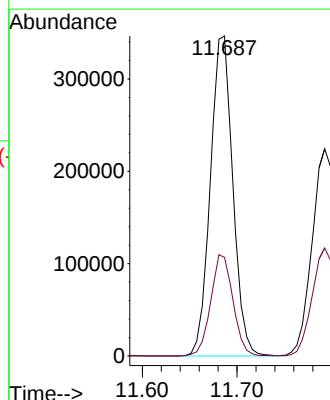
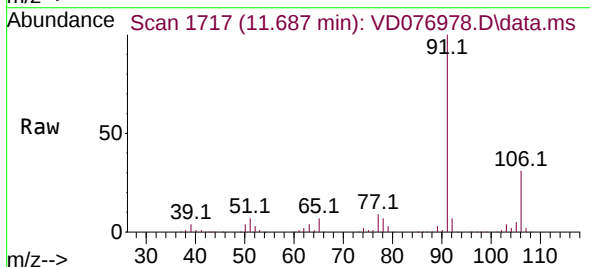
Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

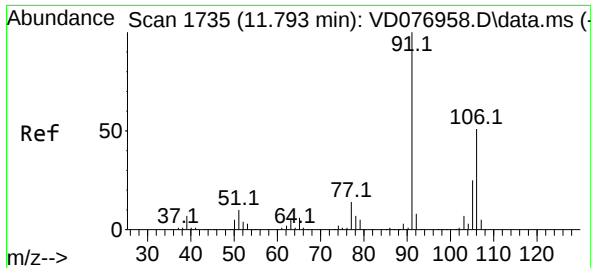
Tgt Ion:112 Resp: 342142
Ion Ratio Lower Upper
112 100
114 33.7 21.5 39.9
77 50.5 43.4 65.2



#52
Ethylbenzene
Concen: 26.737 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion: 91 Resp: 570872
Ion Ratio Lower Upper
91 100
106 30.8 22.4 41.6

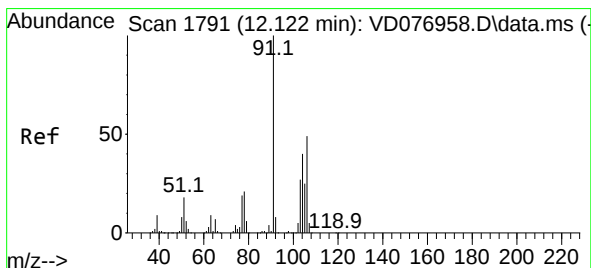
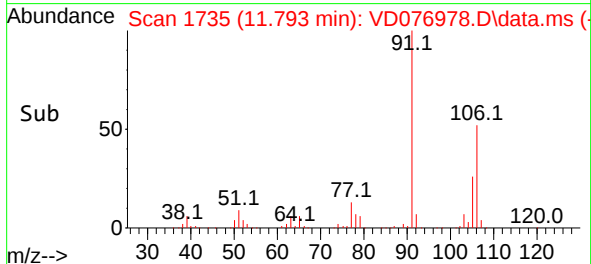
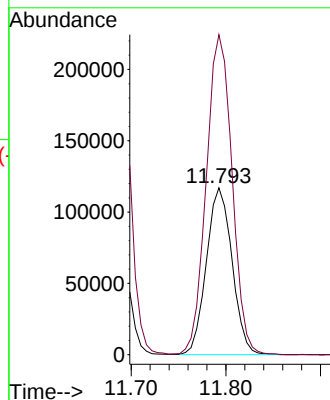
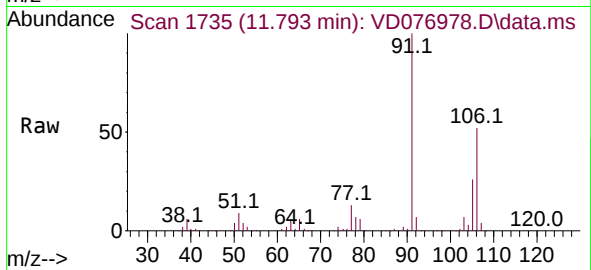




#53
m,p-Xylene
Concen: 26.814 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

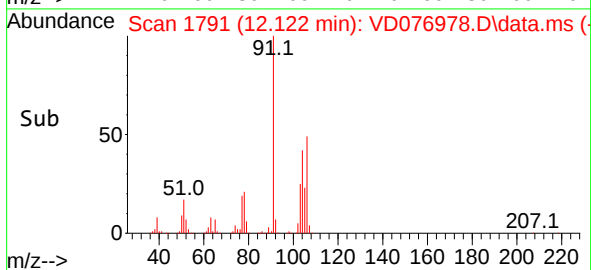
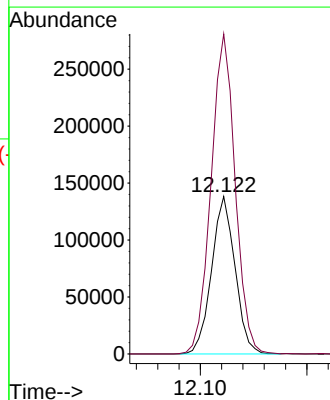
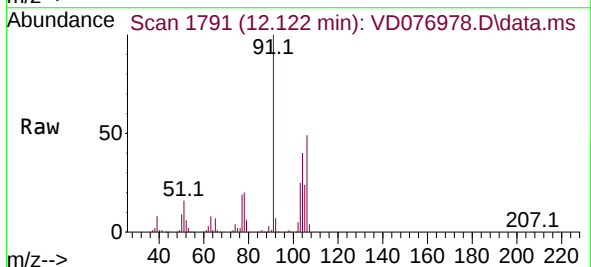
Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

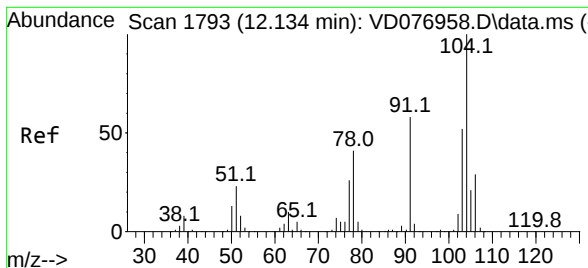
Tgt Ion:106 Resp: 220905
Ion Ratio Lower Upper
106 100
91 191.7 141.5 262.9



#54
o-Xylene
Concen: 26.620 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion:106 Resp: 210927
Ion Ratio Lower Upper
106 100
91 203.2 142.2 264.2





#55

Styrene

Concen: 27.003 ug/L

RT: 12.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

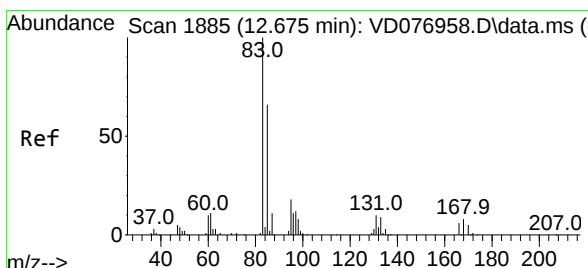
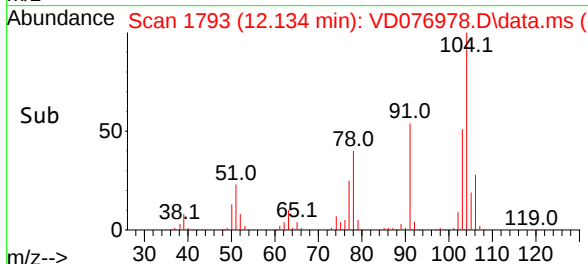
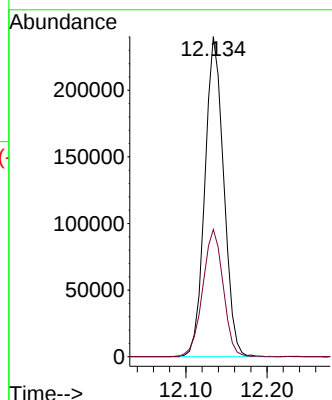
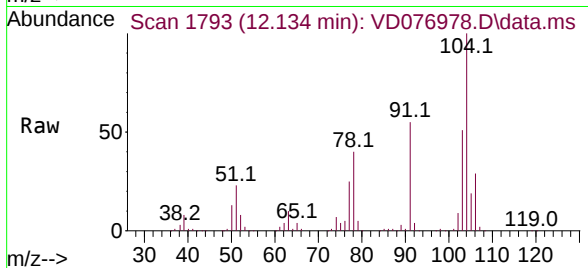
VSTD025179

Tgt Ion:104 Resp: 386853

Ion Ratio Lower Upper

104 100

78 39.7 31.3 58.1



#57

1,1,2,2-Tetrachloroethane

Concen: 26.379 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

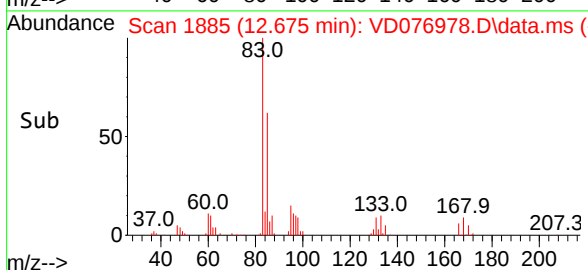
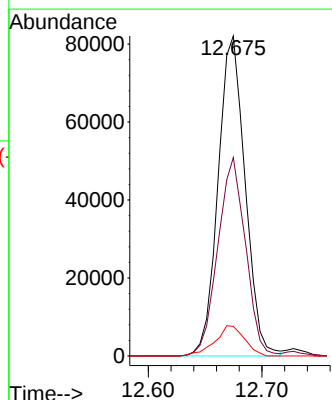
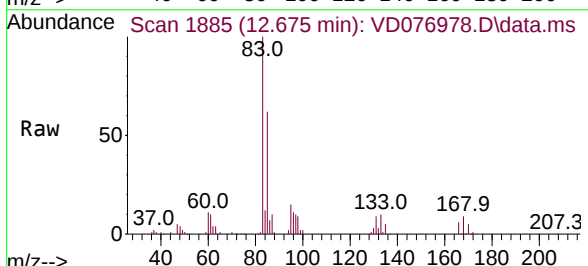
Tgt Ion: 83 Resp: 135726

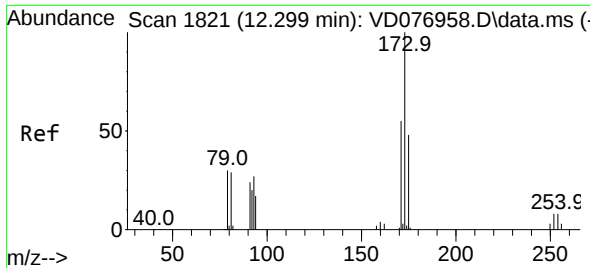
Ion Ratio Lower Upper

83 100

85 62.0 46.3 86.1

131 9.2 7.0 10.4

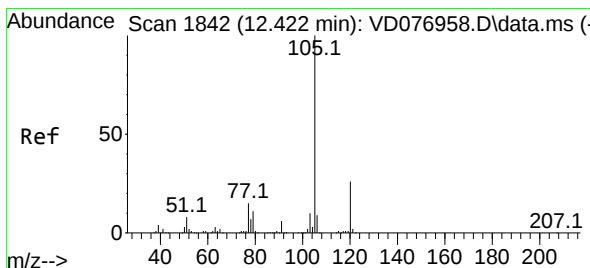
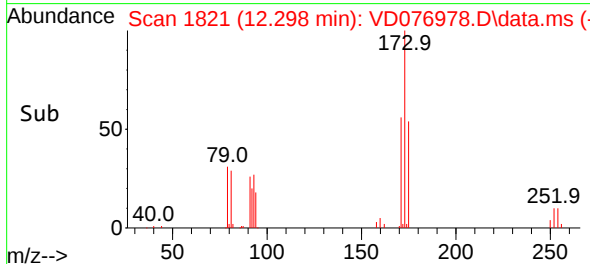
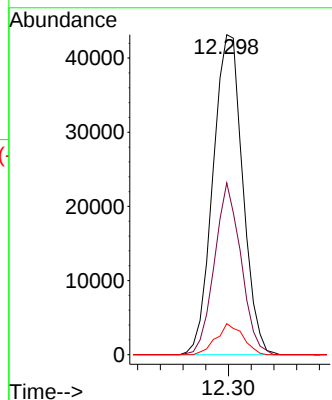
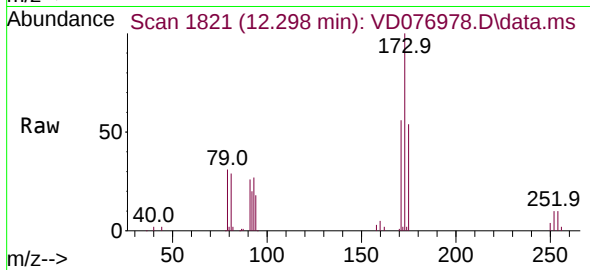




#59
Bromoform
Concen: 26.514 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

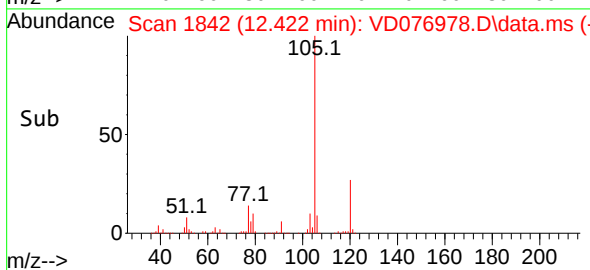
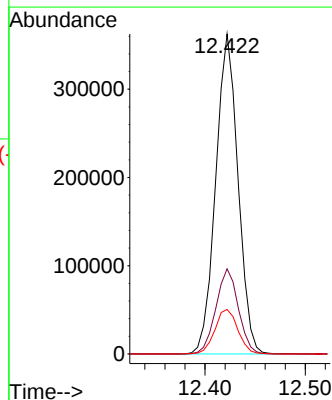
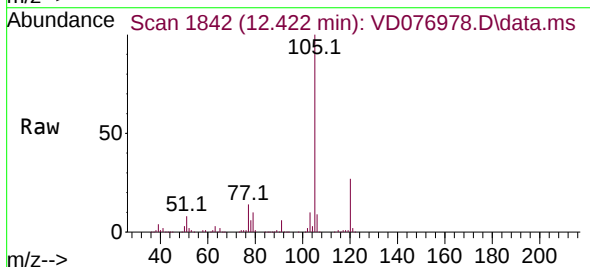
Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

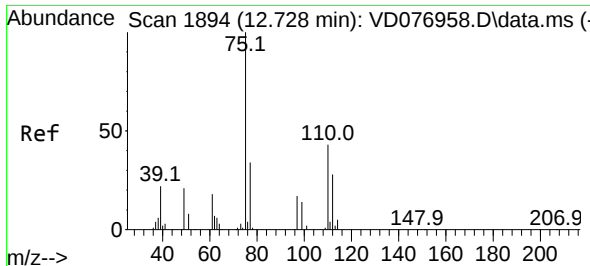
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.0	58.4
254	8.7	5.3	7.9#



#60
Isopropylbenzene
Concen: 26.057 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.3	31.9
77	14.4	12.2	18.4

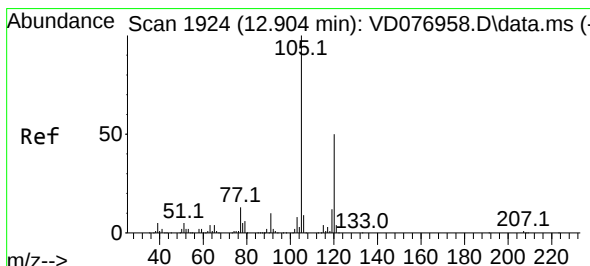
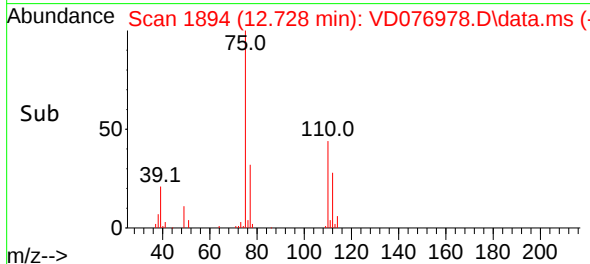
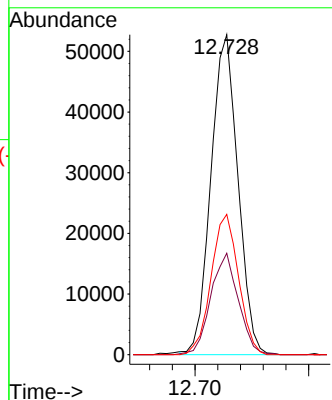
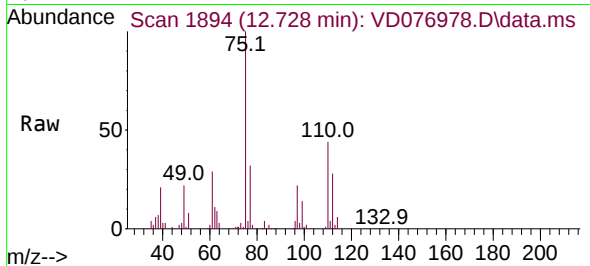




#61
 1,2,3-Trichloropropane
 Concen: 25.008 ug/L
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD076978.D
 Acq: 11 Aug 2023 09:12

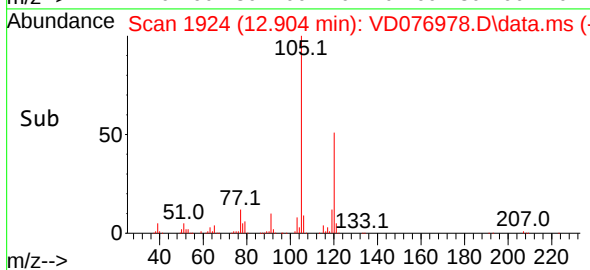
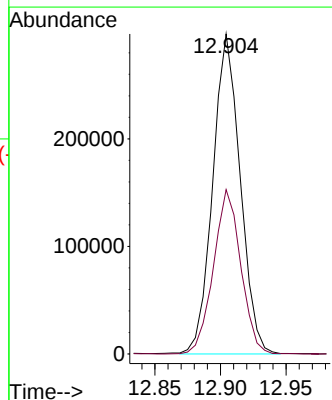
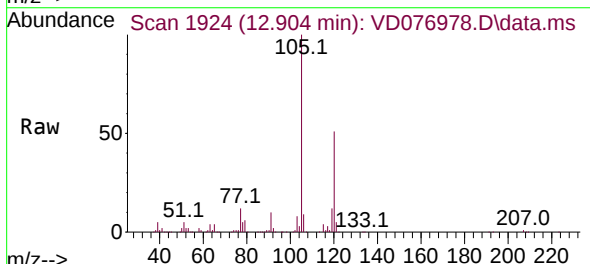
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025179

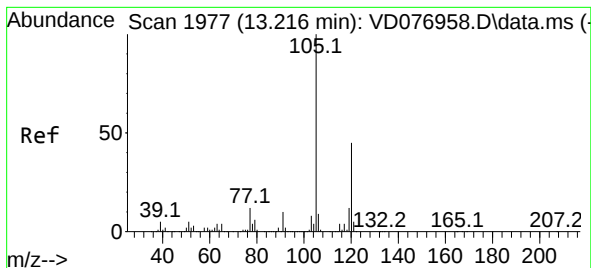
Tgt Ion:	75	Resp:	87066
Ion	Ratio	Lower	Upper
75	100		
77	32.4	27.2	40.8
110	44.5	31.8	47.6



#62
 1,3,5-Trimethylbenzene
 Concen: 26.460 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD076978.D
 Acq: 11 Aug 2023 09:12

Tgt Ion:	105	Resp:	432443
Ion	Ratio	Lower	Upper
105	100		
120	51.1	39.8	59.6





#63

1,2,4-Trimethylbenzene

Concen: 26.401 ug/L

RT: 13.210 min Scan# 1977

Delta R.T. -0.006 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

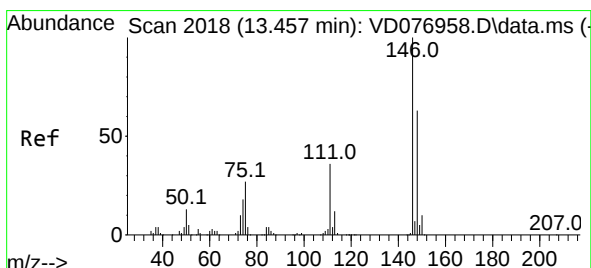
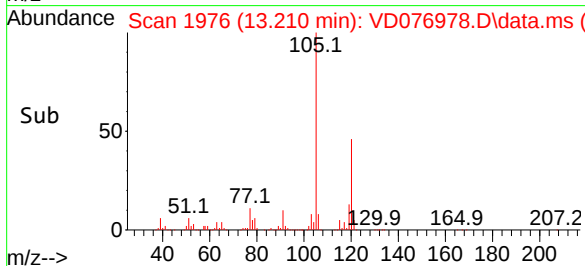
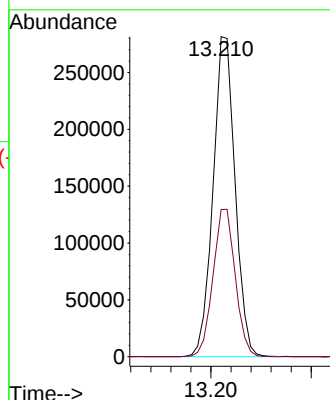
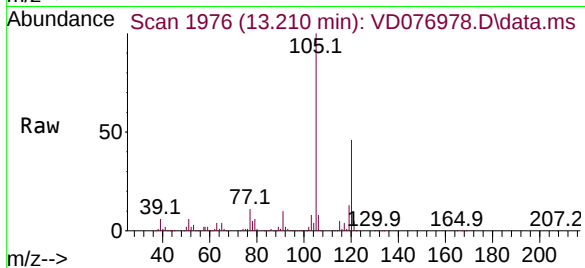
VSTD025179

Tgt Ion:105 Resp: 429414

Ion Ratio Lower Upper

105 100

120 46.6 37.5 56.3



#64

1,3-Dichlorobenzene

Concen: 25.739 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

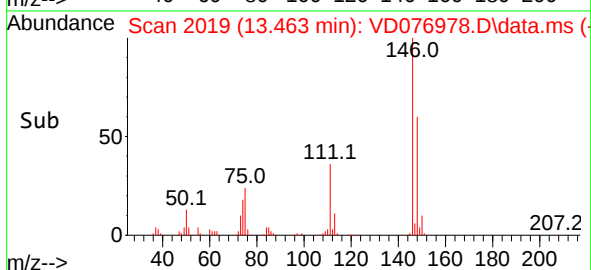
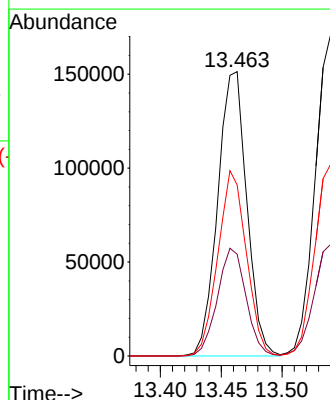
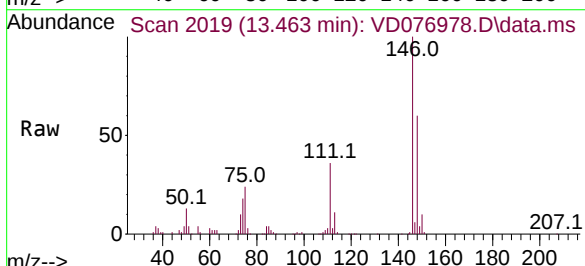
Tgt Ion:146 Resp: 252016

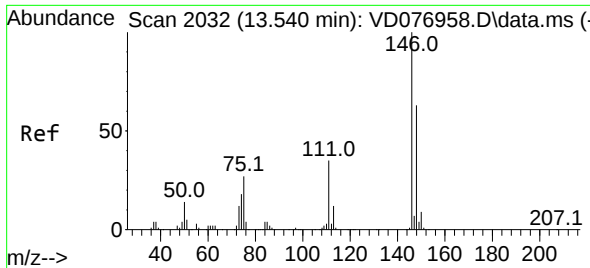
Ion Ratio Lower Upper

146 100

111 35.8 25.6 47.4

148 60.2 44.3 82.3

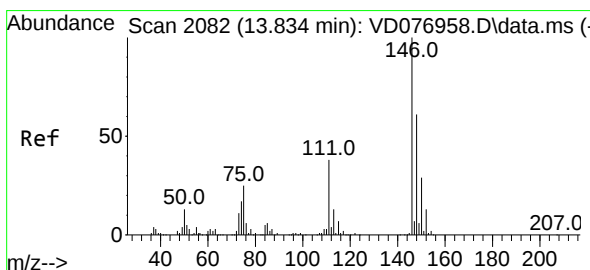
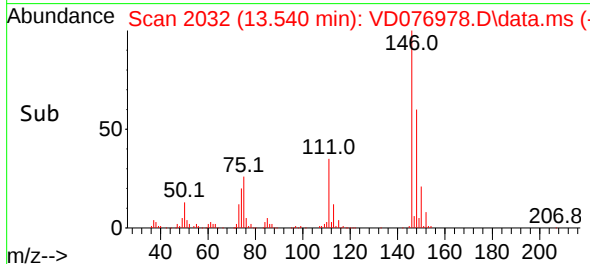
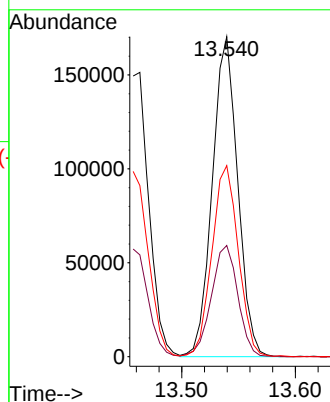
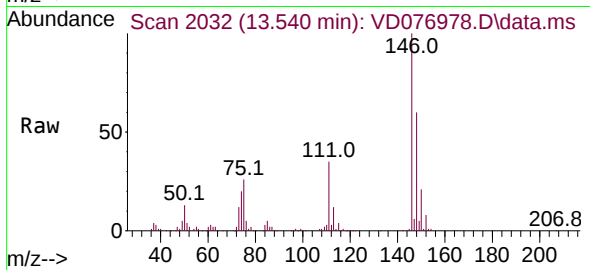




#65
1,4-Dichlorobenzene
Concen: 26.130 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

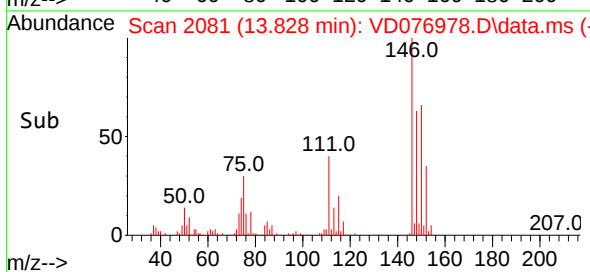
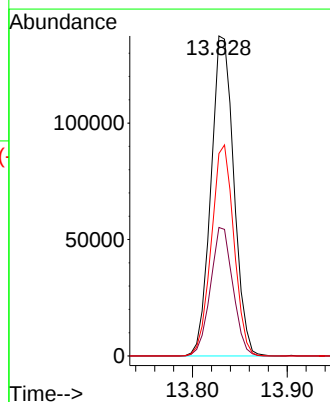
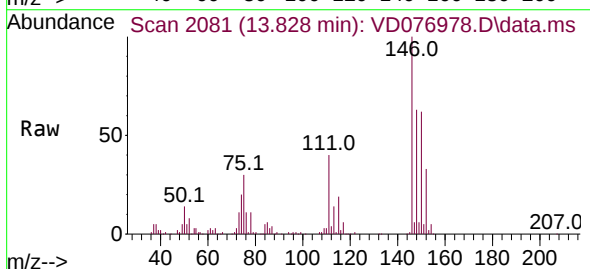
Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

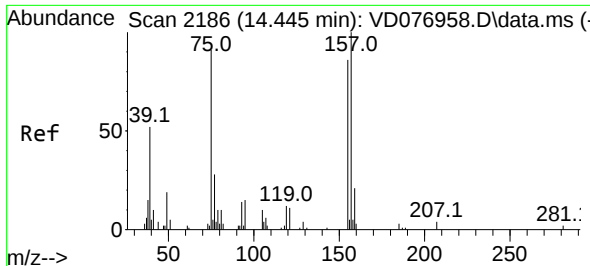
Tgt Ion:146 Resp: 264458
Ion Ratio Lower Upper
146 100
111 34.7 25.7 47.7
148 59.7 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 25.150 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD076978.D
Acq: 11 Aug 2023 09:12

Tgt Ion:146 Resp: 230842
Ion Ratio Lower Upper
146 100
111 40.1 31.3 46.9
148 63.2 51.7 77.5





#68

1,2-Dibromo-3-chloropropane

Concen: 24.792 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

VSTD025179

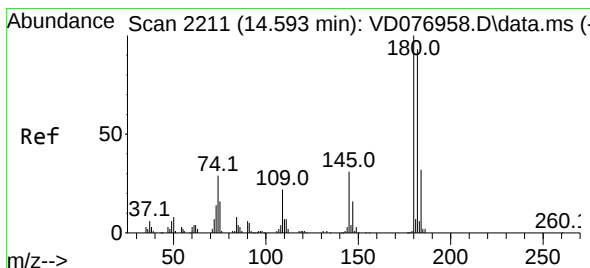
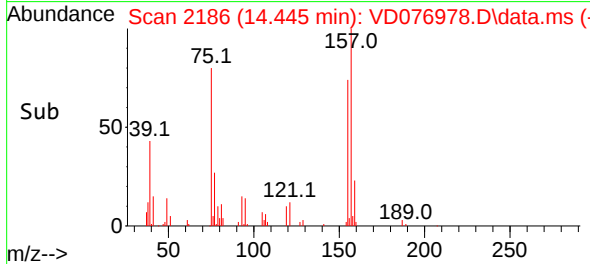
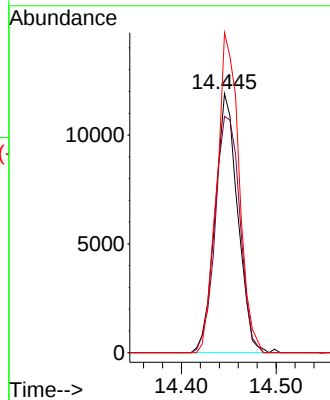
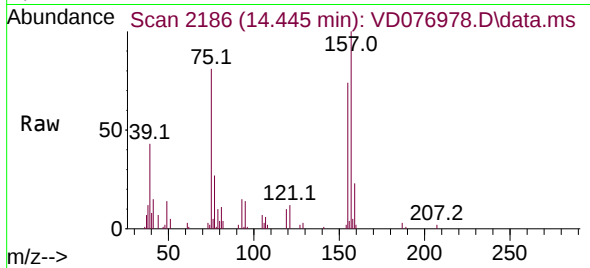
Tgt Ion: 75 Resp: 19777

Ion Ratio Lower Upper

75 100

155 91.3 76.2 114.4

157 123.6 89.4 134.2



#69

1,3,5-Trichlorobenzene

Concen: 26.251 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Tgt Ion:180 Resp: 160845

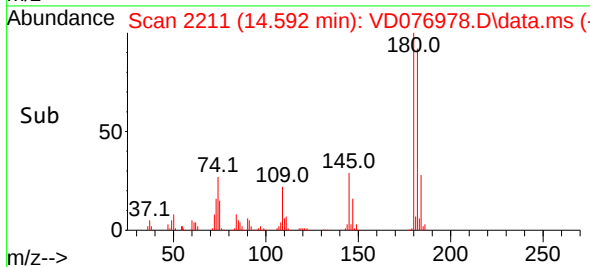
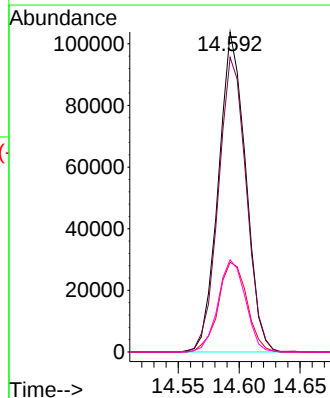
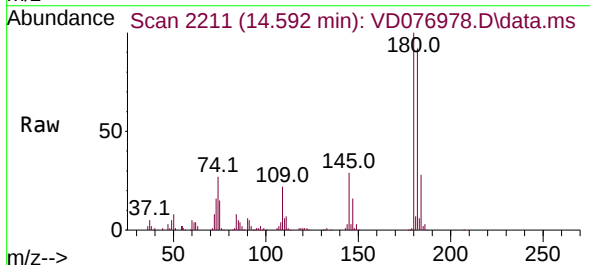
Ion Ratio Lower Upper

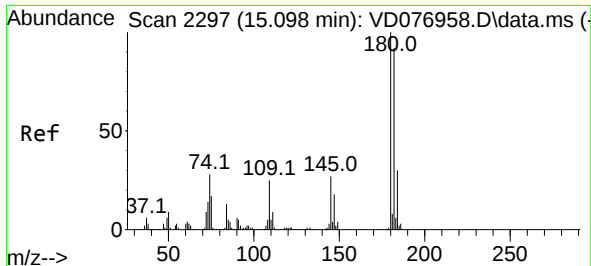
180 100

182 94.4 77.1 115.7

184 29.7 25.0 37.4

145 29.0 23.4 35.0





#70

1,2,4-trichlorobenzene

Concen: 25.436 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

Instrument :

MSVOA_D

ClientSampleId :

VSTD025179

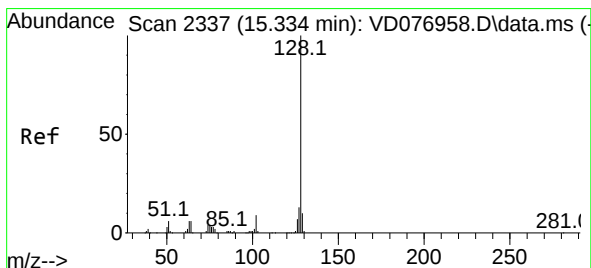
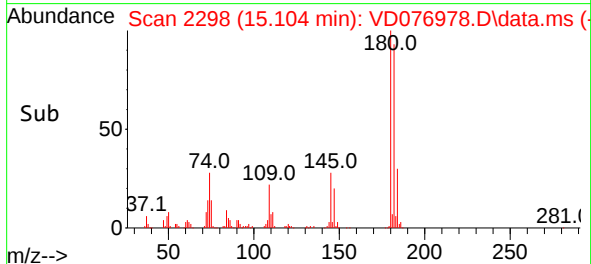
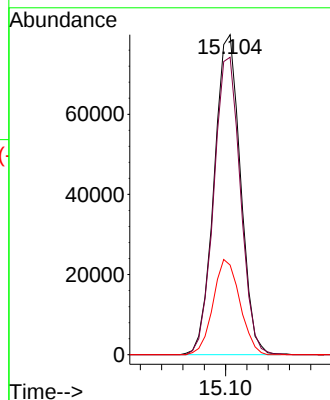
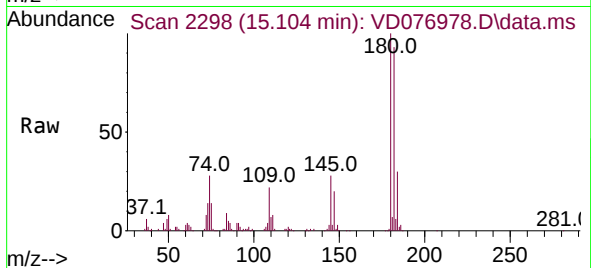
Tgt Ion:180 Resp: 137097

Ion Ratio Lower Upper

180 100

182 93.7 76.9 115.3

145 30.2 23.5 35.3



#71

Naphthalene

Concen: 25.817 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD076978.D

Acq: 11 Aug 2023 09:12

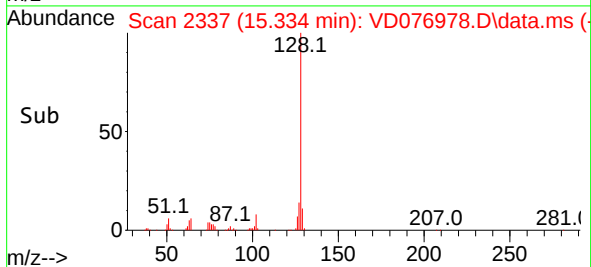
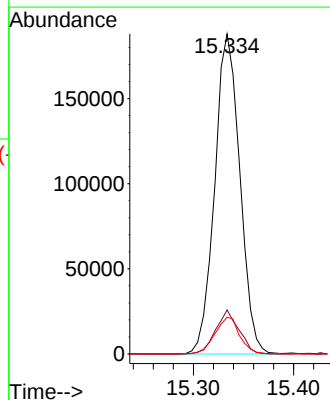
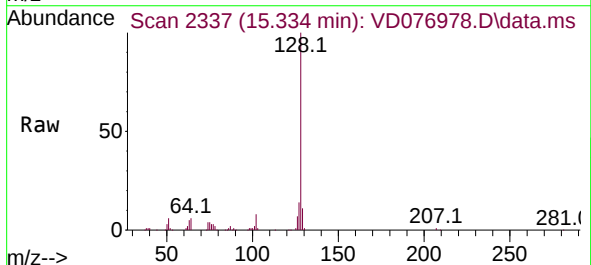
Tgt Ion:128 Resp: 327187

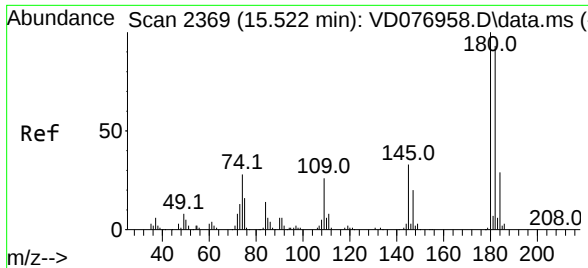
Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

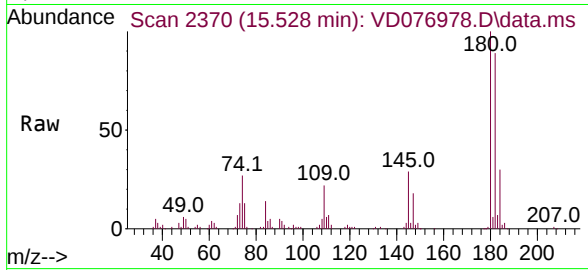
129 11.3 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 26.743 ug/L
 RT: 15.528 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD076978.D
 Acq: 11 Aug 2023 09:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025179



Tgt Ion:180 Resp: 130717
 Ion Ratio Lower Upper
 180 100
 182 93.7 74.3 111.5
 145 29.9 25.0 37.6

