

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076100.D
 Acq On : 12 May 2023 10:55
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025156

Quant Time: May 14 23:50:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	420530	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	379617	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	209230	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	135729	21.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.400%
7) Chloroethane-d5	2.799	69	125692	21.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
11) 1,1-Dichloroethene-d2	3.917	65	33117	20.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.800%
21) 2-Butanone-d5	6.981	46	46034	53.147	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.300%
24) Chloroform-d	7.563	84	196054	22.253	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	8.228	65	86073	22.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.920%
32) Benzene-d6	8.199	84	384238	22.451	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	9.205	67	119379	22.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	10.269	98	352131	23.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	10.528	79	45262	22.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.881	63	39908	51.677	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110904	24.421	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	133466	22.330	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	145787	27.718	ug/L	99
3) Chloromethane	2.146	50	202618	27.099	ug/L	100
5) Vinyl chloride	2.281	62	264008	27.659	ug/L	99
6) Bromomethane	2.693	94	131044	22.131	ug/L	98
8) Chloroethane	2.834	64	162839	26.587	ug/L	94
9) Trichlorofluoromethane	3.170	101	219883	28.138	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	157895	28.364	ug/L	97
12) 1,1-Dichloroethene	3.934	96	134962	27.051	ug/L	85
13) Acetone	4.023	43	43535	56.418	ug/L	96
14) Carbon disulfide	4.264	76	423277	27.246	ug/L	99
15) Methyl Acetate	4.558	43	43630	26.288	ug/L	99
16) Methylene chloride	4.793	84	164376	24.039	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	144138	26.982	ug/L	94
18) Methyl tert-butyl Ether	5.317	73	255970	27.002	ug/L	97
19) 1,1-Dichloroethane	6.105	63	240042	26.364	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	153877	25.985	ug/L	93
22) 2-Butanone	7.081	43	60075	55.723	ug/L	# 65
23) Bromochloromethane	7.422	128	75353	26.030	ug/L	# 92
25) Chloroform	7.593	83	253685	26.094	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076100.D
 Acq On : 12 May 2023 10:55
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025156

Quant Time: May 14 23:50:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

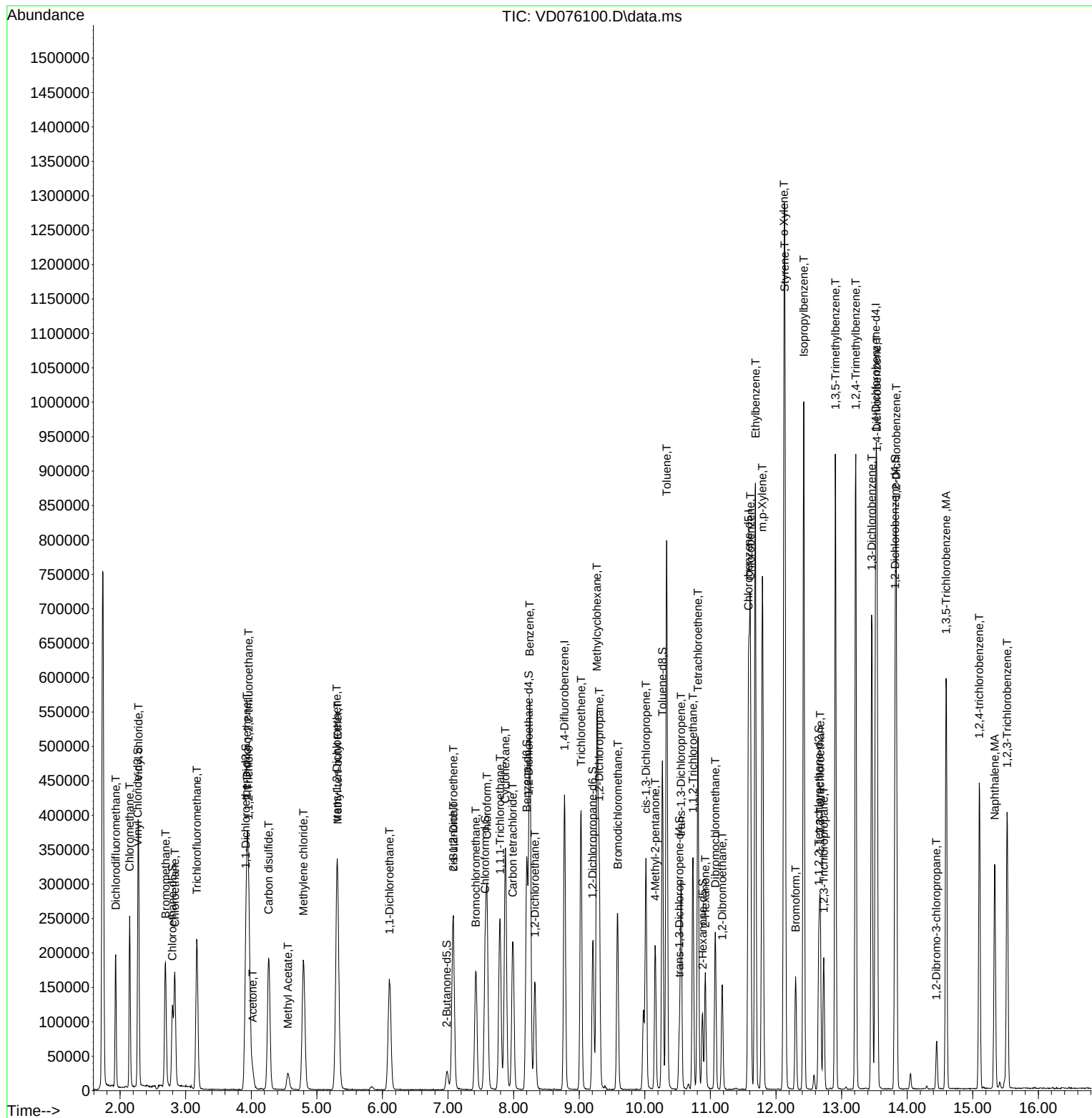
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	137135	26.768	ug/L	99
29) Cyclohexane	7.875	56	192548	30.578	ug/L	90
30) 1,1,1-Trichloroethane	7.793	97	210193	27.257	ug/L	98
31) Carbon tetrachloride	7.987	117	173766	28.603	ug/L	99
33) Benzene	8.246	78	578347	27.403	ug/L	100
34) Trichloroethene	9.028	95	144443	26.515	ug/L	94
35) Methylcyclohexane	9.269	83	249733	30.257	ug/L	97
37) 1,2-Dichloropropane	9.305	63	145950	27.113	ug/L	100
38) Bromodichloromethane	9.587	83	181789	26.358	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	213143	27.488	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	129519	59.693	ug/L	95
42) Toluene	10.334	91	641624	28.477	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	178142	27.534	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	116728	26.855	ug/L	94
46) Tetrachloroethene	10.810	164	128939	28.331	ug/L	97
48) 2-Hexanone	10.922	43	96626	61.368	ug/L	91
49) Dibromochloromethane	11.075	129	125970	26.861	ug/L	97
50) 1,2-Dibromoethane	11.181	107	103691	27.011	ug/L	95
51) Chlorobenzene	11.610	112	406986	26.540	ug/L	98
52) Ethylbenzene	11.687	91	656535	28.088	ug/L	99
53) m,p-Xylene	11.793	106	259839	28.507	ug/L	97
54) o-Xylene	12.122	106	247961	28.685	ug/L	100
55) Styrene	12.134	104	444217	29.006	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	128762	26.461	ug/L	100
59) Bromoform	12.299	173	76046	25.011	ug/L	100
60) Isopropylbenzene	12.422	105	653444	27.506	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	82751	24.588	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	485429	26.633	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	509384	29.222	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	320896	26.017	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	333853	26.019	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	295805	26.293	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	17633	26.117	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.593	180	208208	26.566	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	153769	24.791	ug/L	99
71) Naphthalene	15.334	128	303982	26.080	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	147279	26.111	ug/L	98

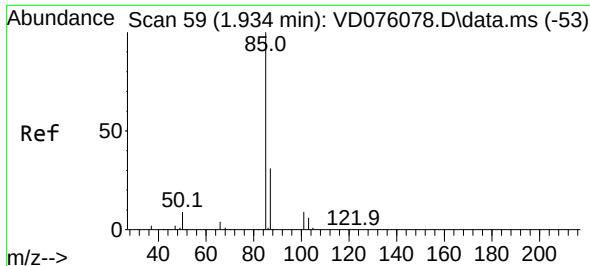
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076100.D
 Acq On : 12 May 2023 10:55
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025156

Quant Time: May 14 23:50:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

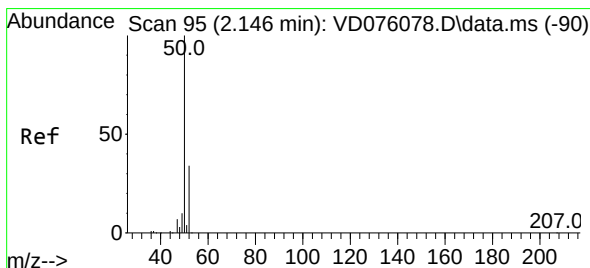
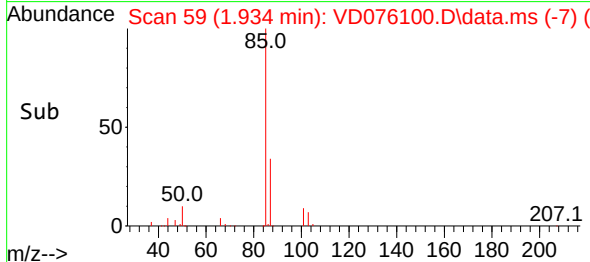
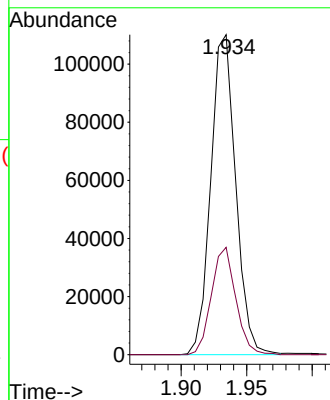
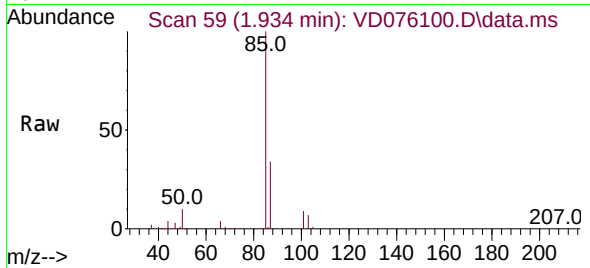




#2
Dichlorodifluoromethane
Concen: 27.718 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

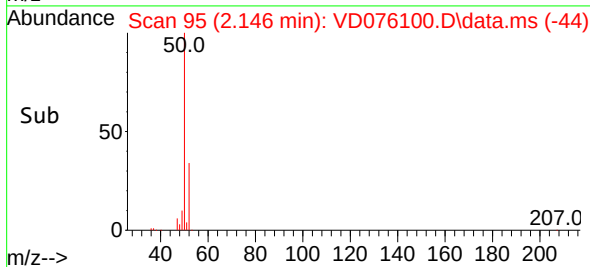
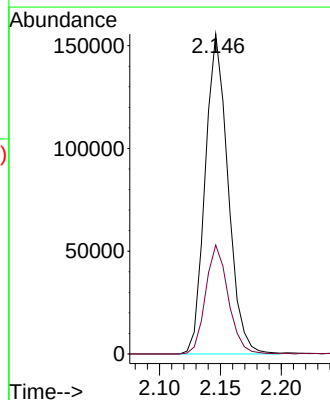
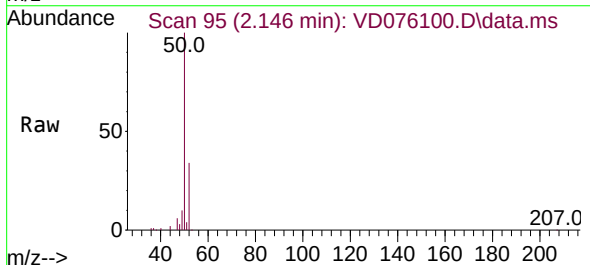
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

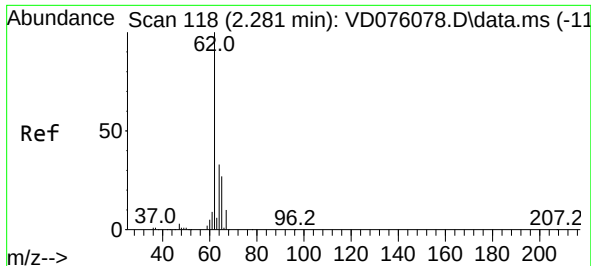
Tgt Ion: 85 Resp: 145787
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 27.099 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion: 50 Resp: 202618
Ion Ratio Lower Upper
50 100
52 34.0 23.7 44.1

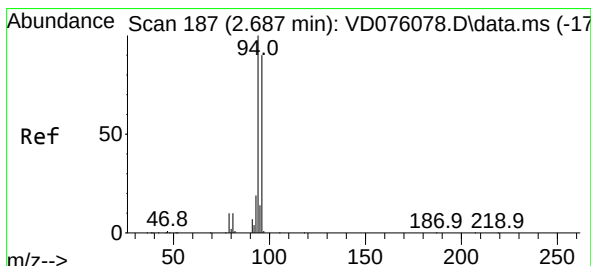
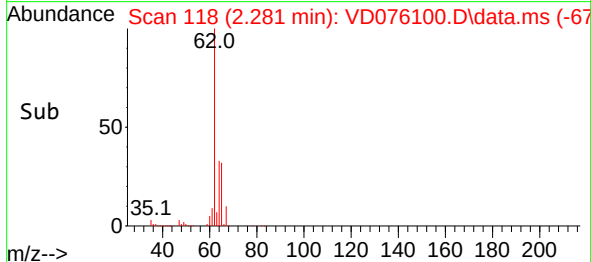
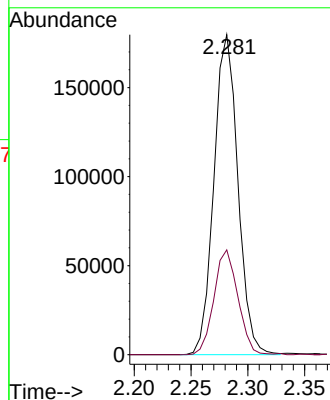
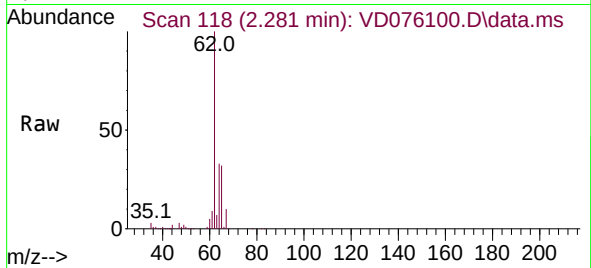




#5
 Vinyl chloride
 Concen: 27.659 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076100.D
 Acq: 12 May 2023 10:55

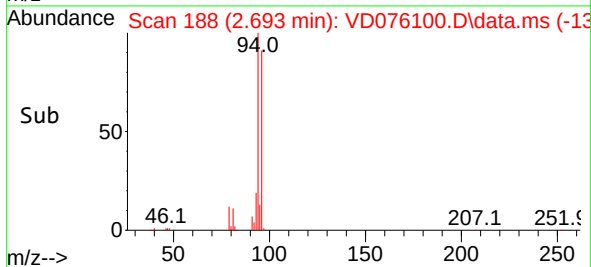
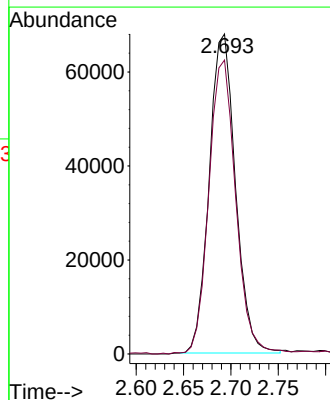
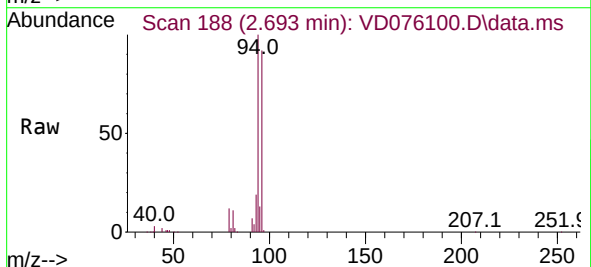
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025156

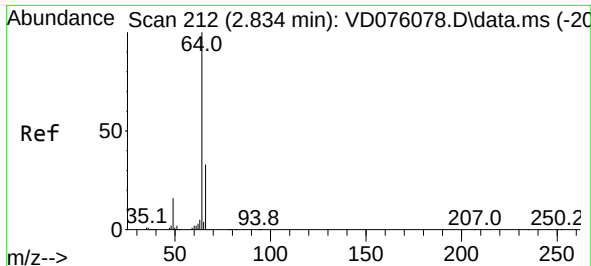
Tgt Ion: 62 Resp: 264008
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 22.131 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD076100.D
 Acq: 12 May 2023 10:55

Tgt Ion: 94 Resp: 131044
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.7 121.9

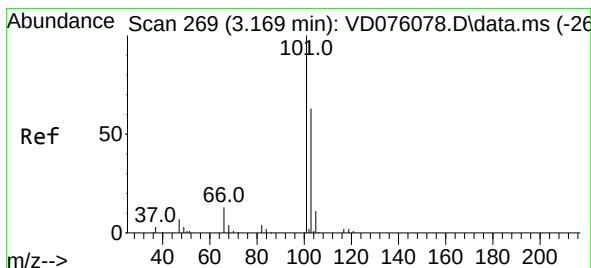
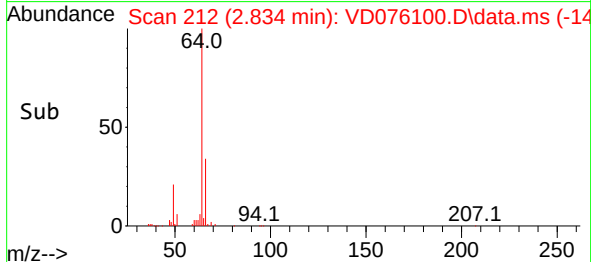
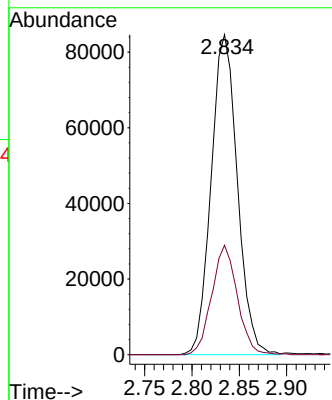
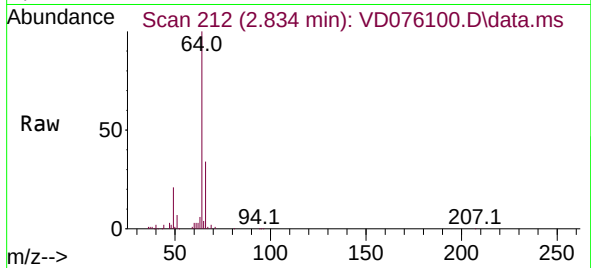




#8
Chloroethane
Concen: 26.587 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

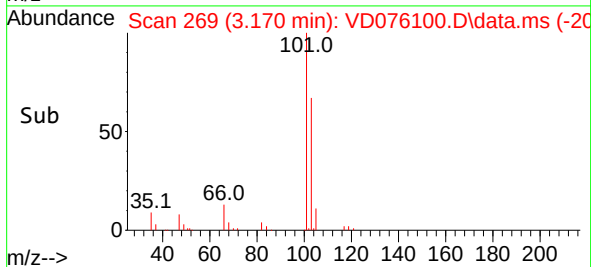
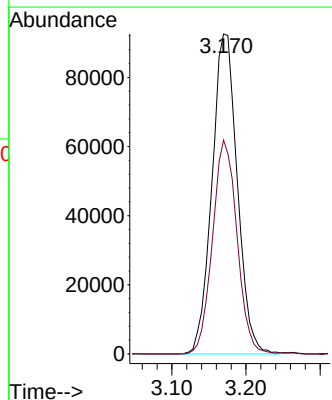
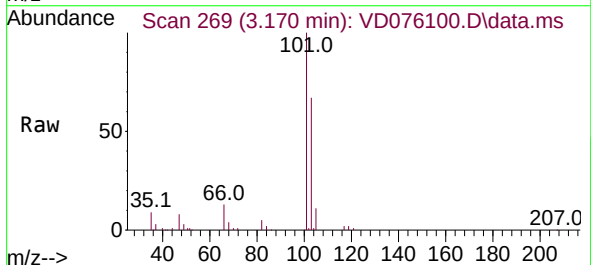
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

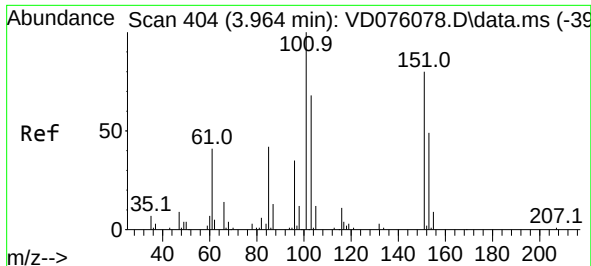
Tgt Ion: 64 Resp: 162839
Ion Ratio Lower Upper
64 100
66 34.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 28.138 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion:101 Resp: 219883
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

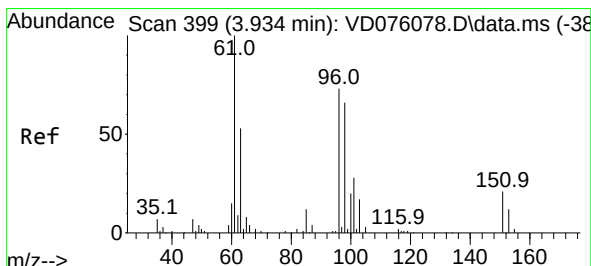
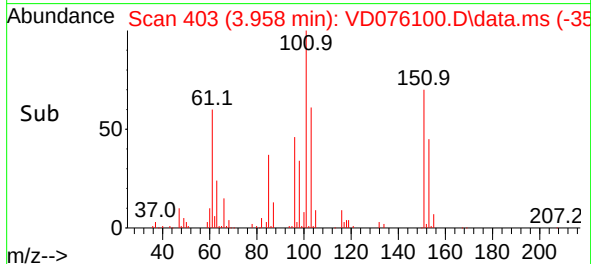
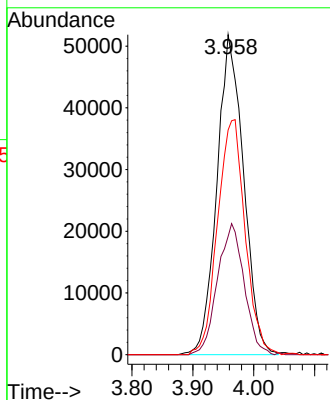
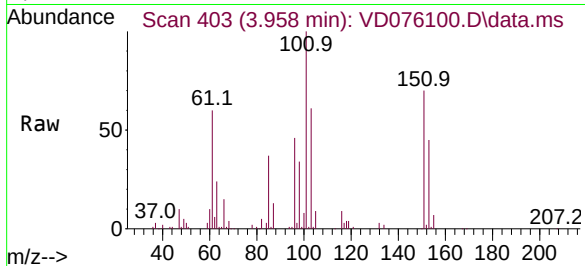




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.364 ug/L
RT: 3.958 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

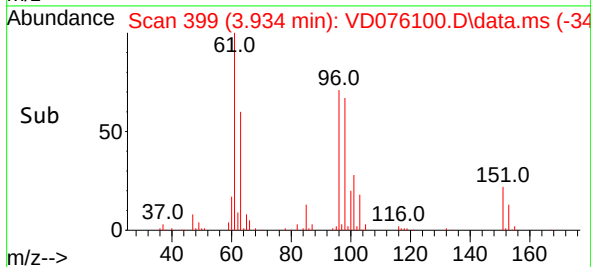
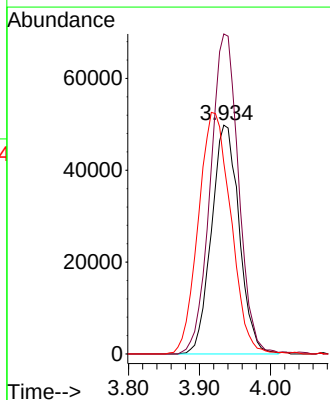
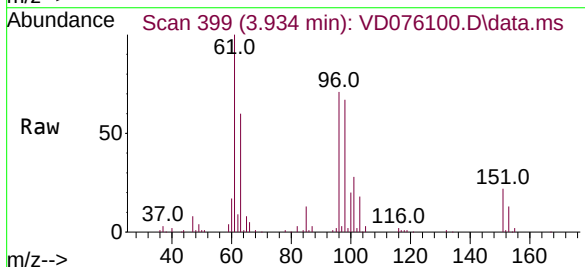
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

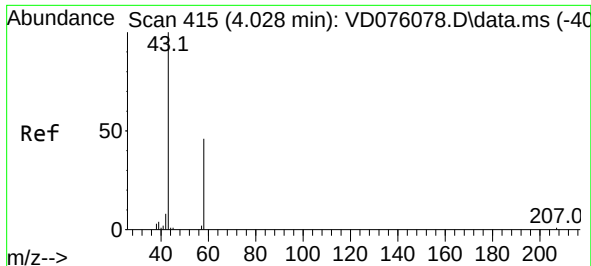
Tgt Ion:101 Resp: 157895
Ion Ratio Lower Upper
101 100
85 40.8 32.9 49.3
151 75.7 57.2 85.8



#12
1,1-Dichloroethene
Concen: 27.051 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion: 96 Resp: 134962
Ion Ratio Lower Upper
96 100
61 139.9 92.6 172.0
63 83.6 77.4 143.8





#13

Acetone

Concen: 56.418 ug/L

RT: 4.023 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

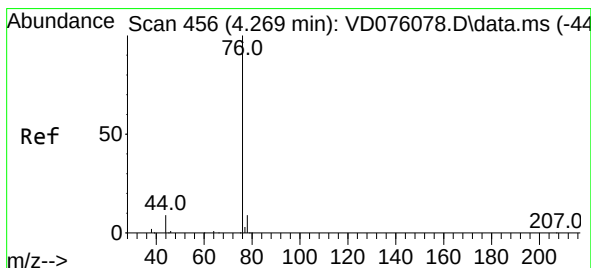
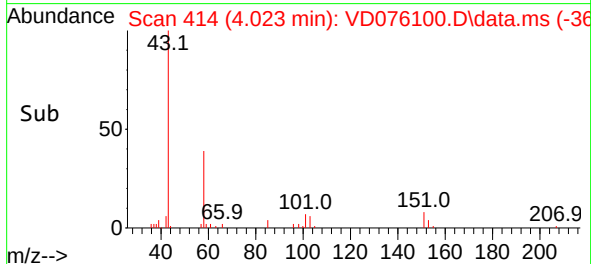
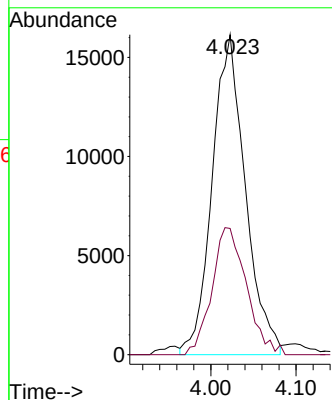
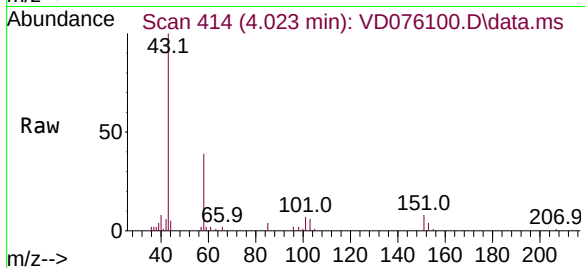
VSTD025156

Tgt Ion: 43 Resp: 43535

Ion Ratio Lower Upper

43 100

58 41.4 0.0 87.4



#14

Carbon disulfide

Concen: 27.246 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD076100.D

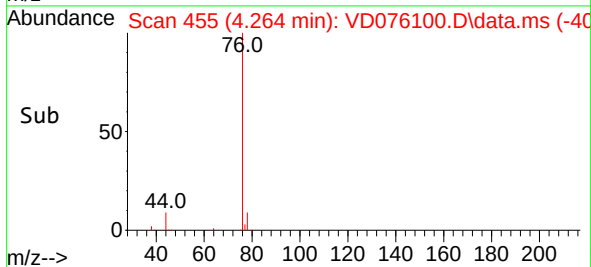
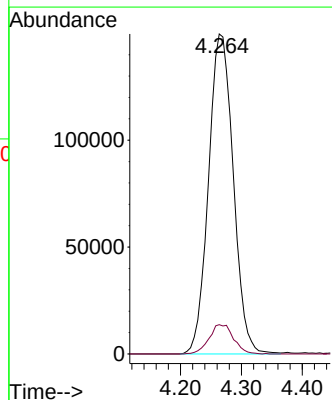
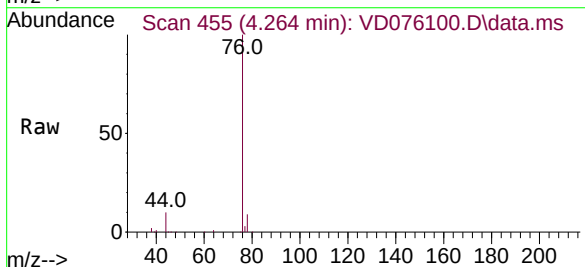
Acq: 12 May 2023 10:55

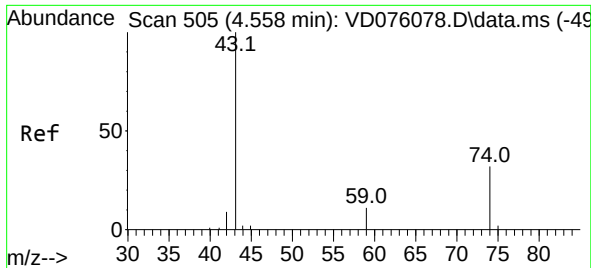
Tgt Ion: 76 Resp: 423277

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

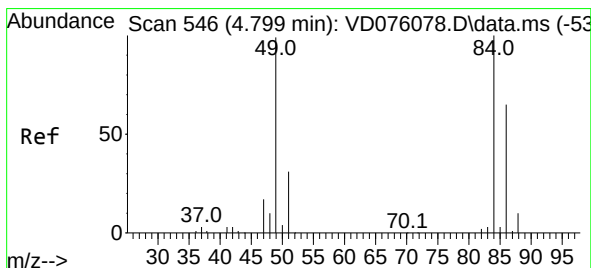
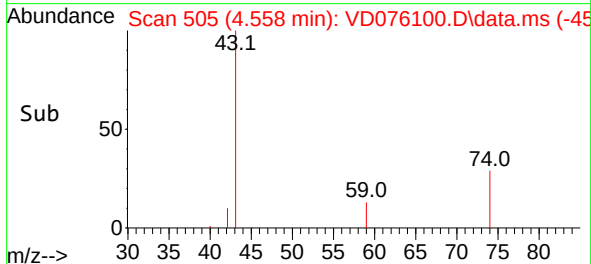
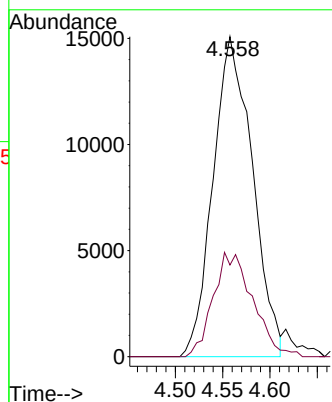
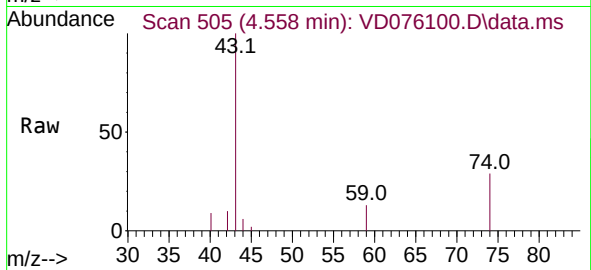




#15
Methyl Acetate
Concen: 26.288 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

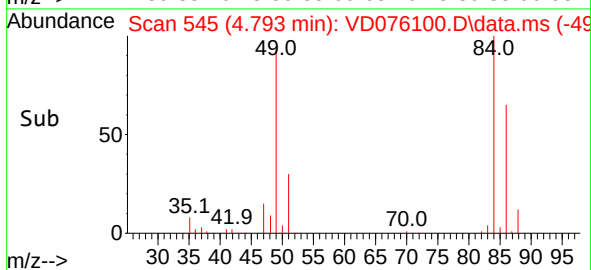
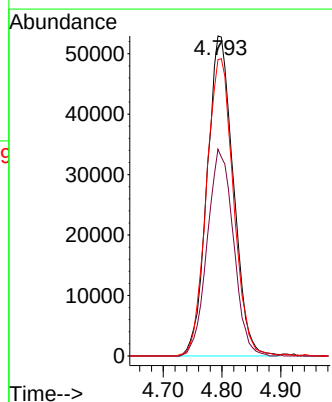
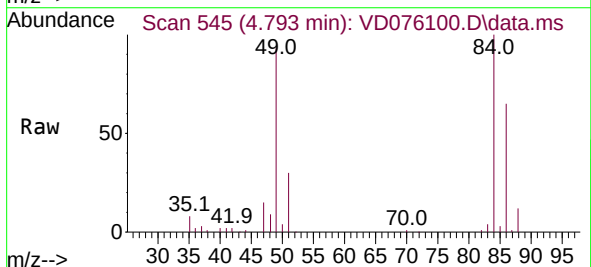
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

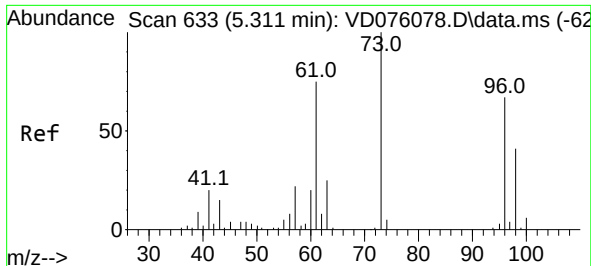
Tgt Ion: 43 Resp: 43630
Ion Ratio Lower Upper
43 100
74 15.5 12.8 19.2



#16
Methylene chloride
Concen: 24.039 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion: 84 Resp: 164376
Ion Ratio Lower Upper
84 100
86 64.6 45.8 85.2
49 92.6 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 26.982 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD025156

Tgt Ion: 96 Resp: 144138

Ion Ratio Lower Upper

96 100

61 111.7

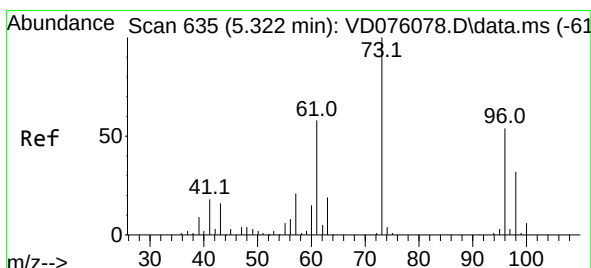
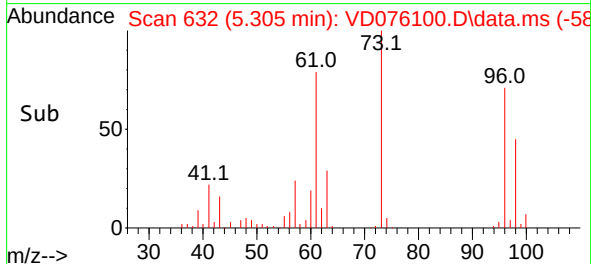
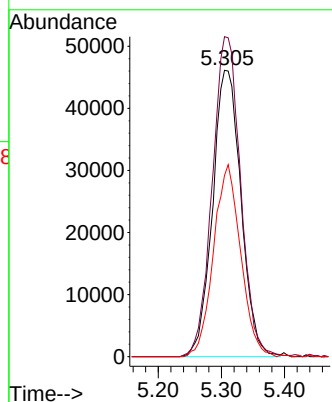
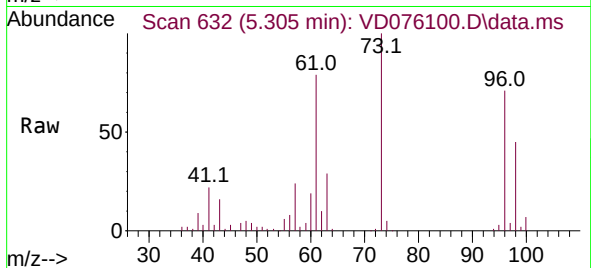
72.9

135.5

98 63.3

43.0

79.8



#18

Methyl tert-butyl Ether

Concen: 27.002 ug/L

RT: 5.317 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Tgt Ion: 73 Resp: 255970

Ion Ratio Lower Upper

73 100

43 14.6

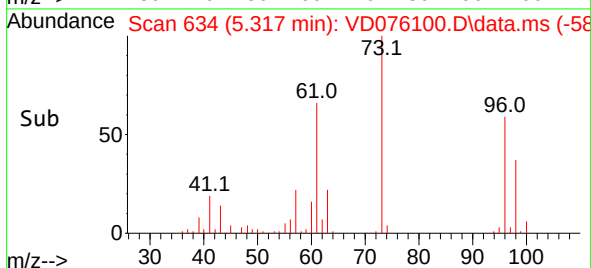
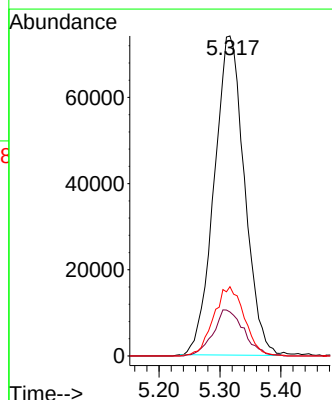
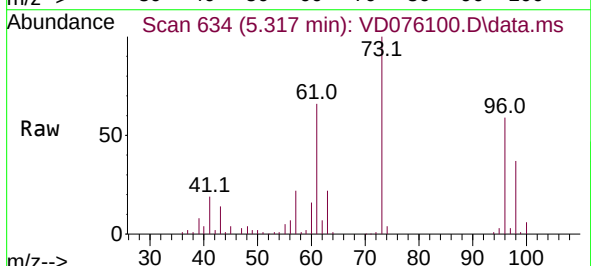
11.3

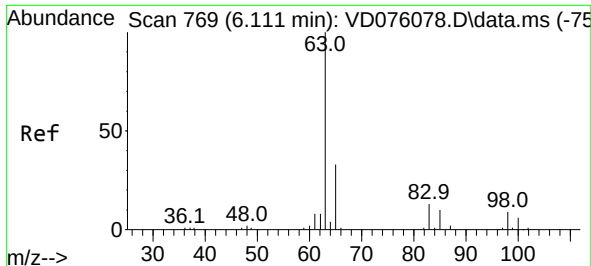
16.9

57 22.1

16.3

24.5





#19

1,1-Dichloroethane

Concen: 26.364 ug/L

RT: 6.105 min Scan# 769

Delta R.T. -0.006 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD025156

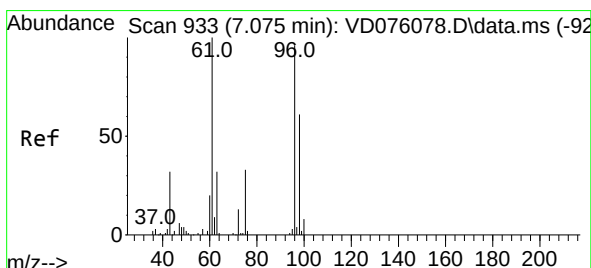
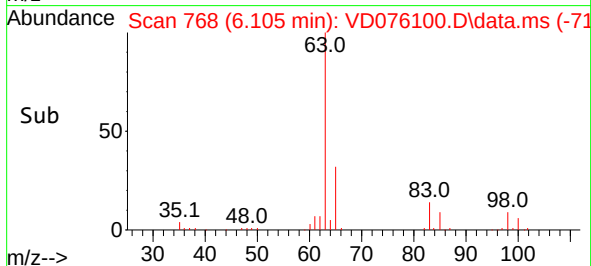
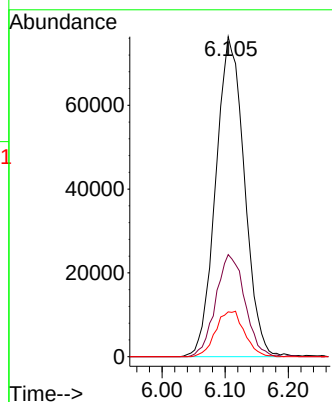
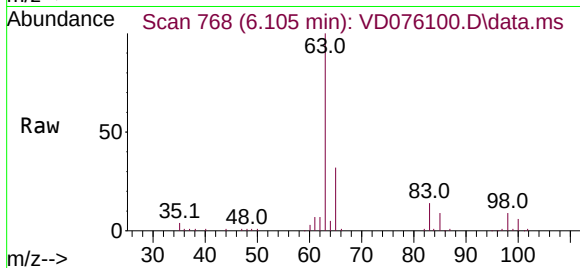
Tgt Ion: 63 Resp: 240042

Ion Ratio Lower Upper

63 100

65 31.9 22.8 42.4

83 14.0 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 25.985 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

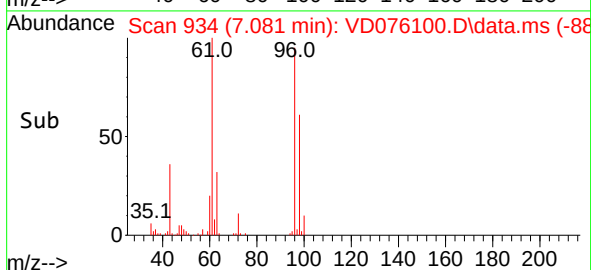
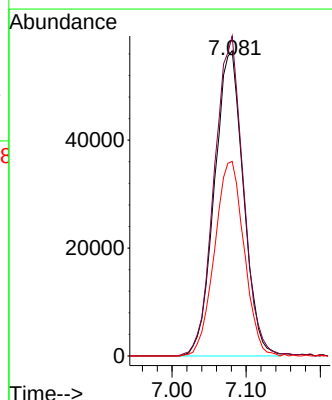
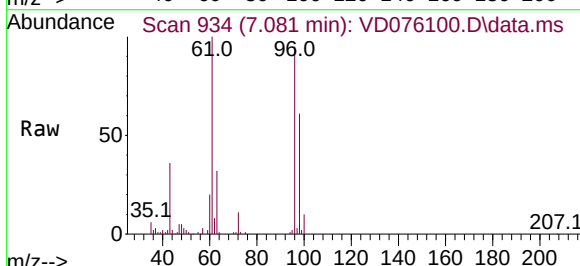
Tgt Ion: 96 Resp: 153877

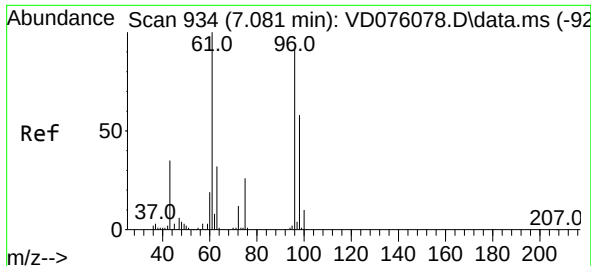
Ion Ratio Lower Upper

96 100

61 104.9 67.5 125.3

98 63.8 47.5 88.1

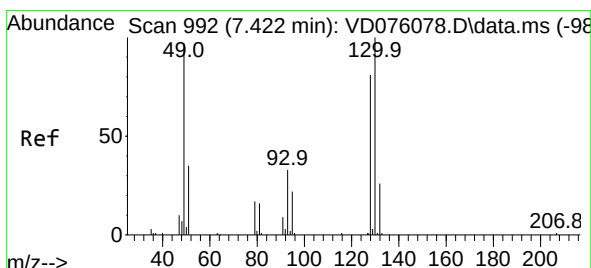
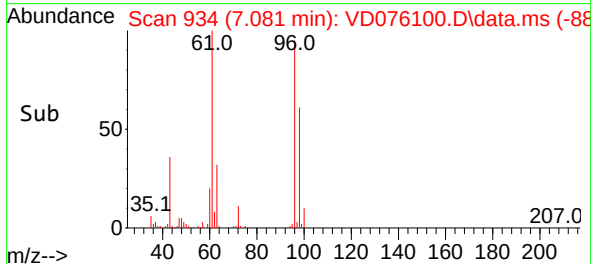
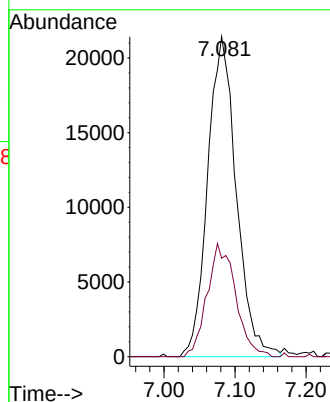
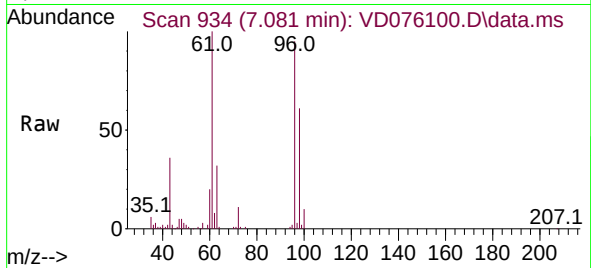




#22
2-Butanone
Concen: 55.723 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

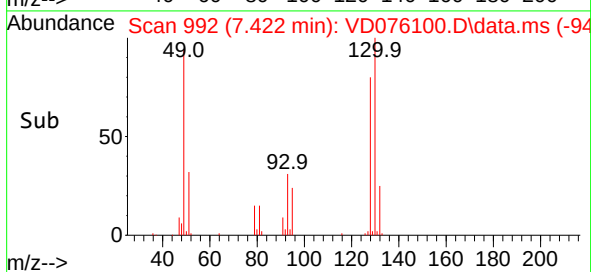
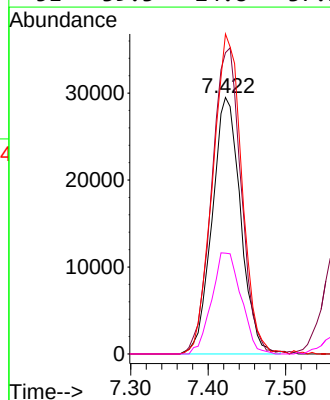
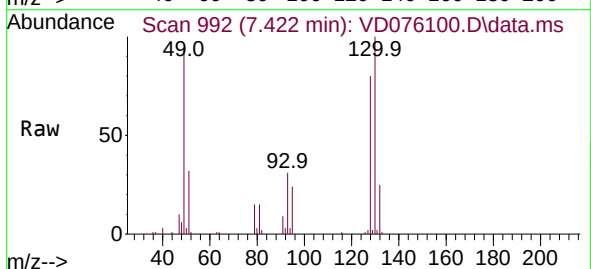
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

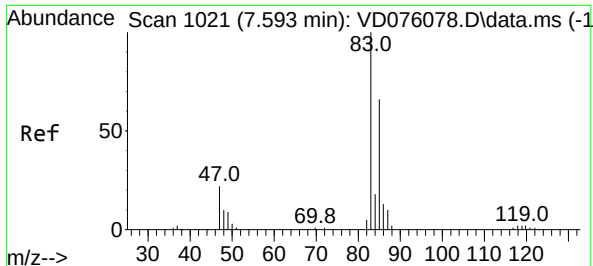
Tgt Ion: 43 Resp: 60075
Ion Ratio Lower Upper
43 100
72 19.3 20.5 61.5#



#23
Bromochloromethane
Concen: 26.030 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion: 128 Resp: 75353
Ion Ratio Lower Upper
128 100
49 117.5 76.4 142.0
130 124.8 93.5 173.7
51 39.3 24.8 37.2#





#25

Chloroform

Concen: 26.094 ug/L

RT: 7.593 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

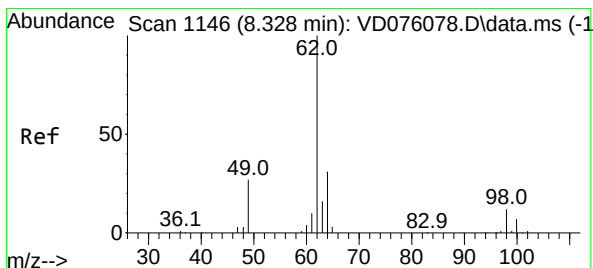
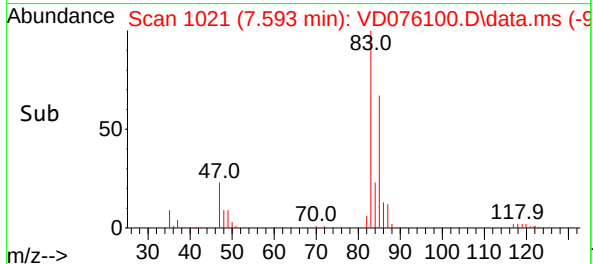
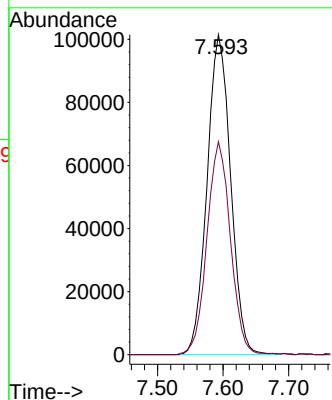
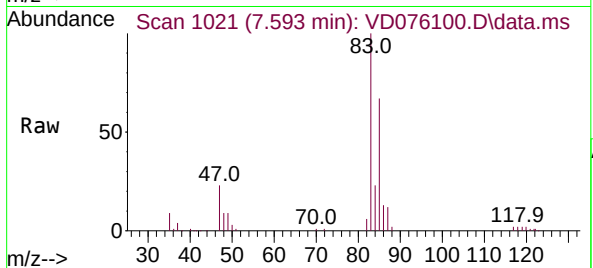
VSTD025156

Tgt Ion: 83 Resp: 253685

Ion Ratio Lower Upper

83 100

85 66.6 44.4 82.5



#27

1,2-Dichloroethane

Concen: 26.768 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD076100.D

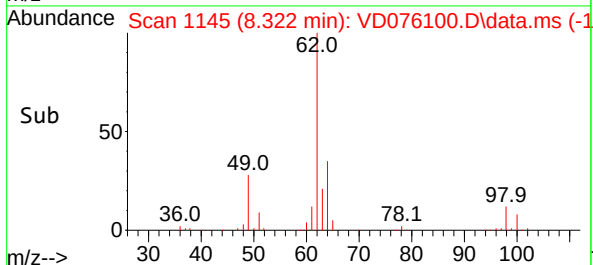
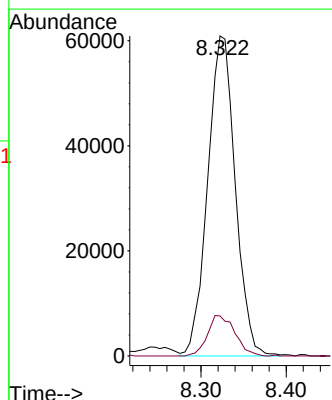
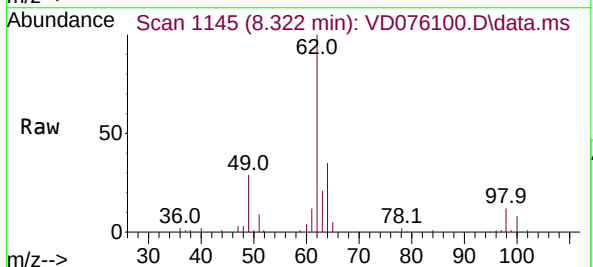
Acq: 12 May 2023 10:55

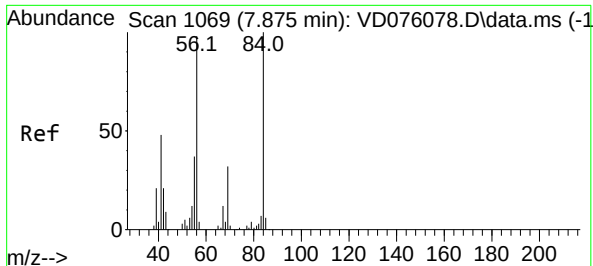
Tgt Ion: 62 Resp: 137135

Ion Ratio Lower Upper

62 100

98 12.5 10.2 15.2





#29

Cyclohexane

Concen: 30.578 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD025156

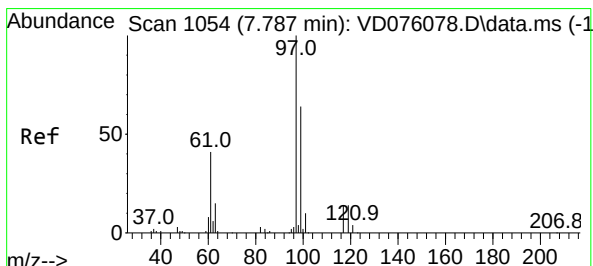
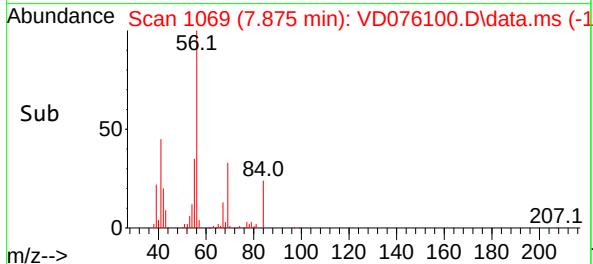
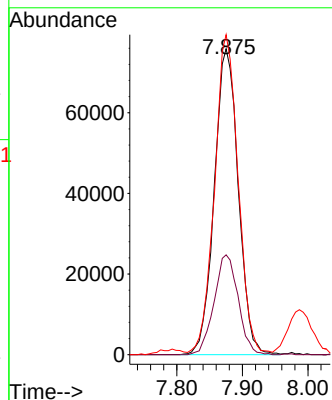
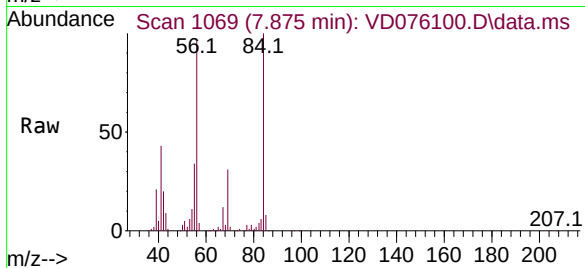
Tgt Ion: 56 Resp: 192548

Ion Ratio Lower Upper

56 100

69 32.7 28.2 42.2

84 102.6 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 27.257 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

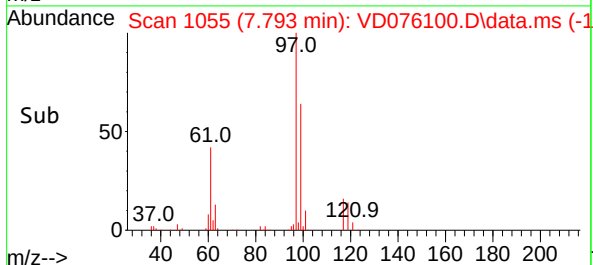
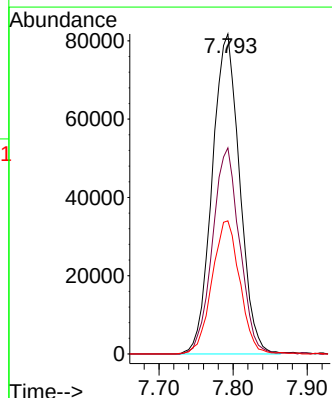
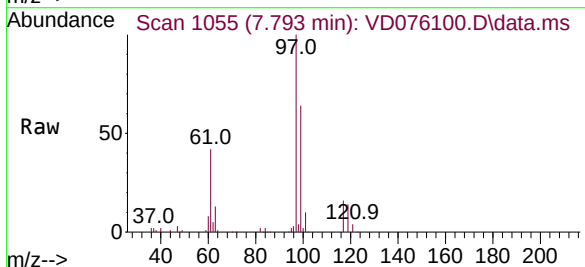
Tgt Ion: 97 Resp: 210193

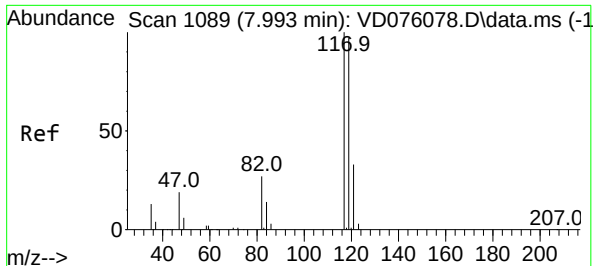
Ion Ratio Lower Upper

97 100

99 63.6 51.5 77.3

61 42.1 32.1 48.1

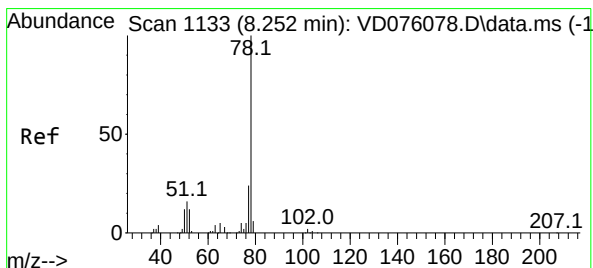
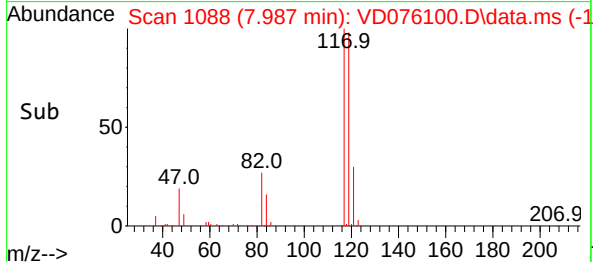
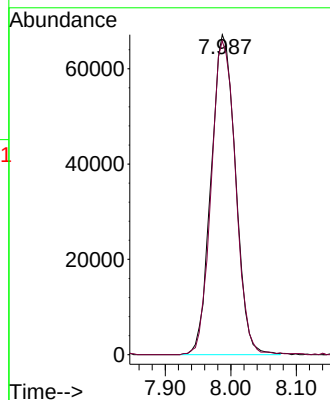
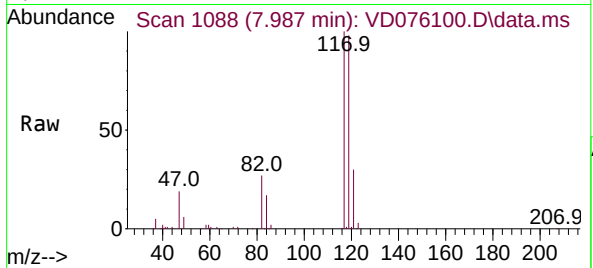




#31
Carbon tetrachloride
Concen: 28.603 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

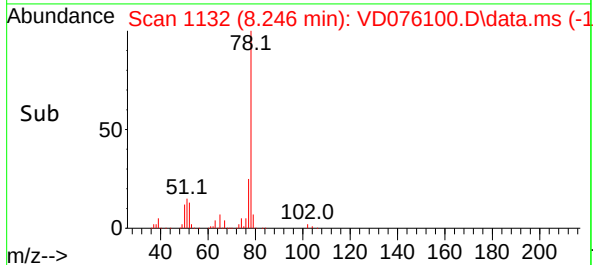
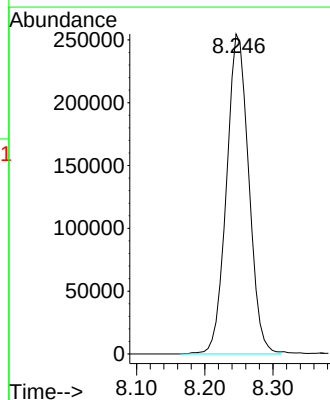
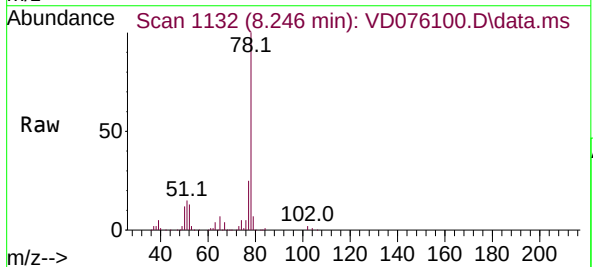
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

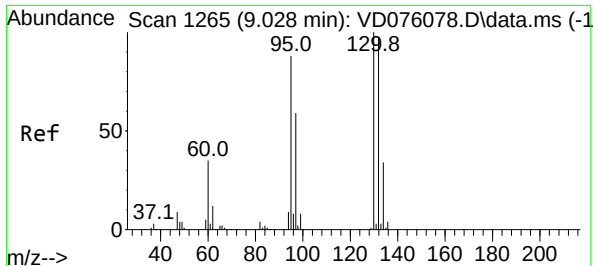
Tgt Ion:117 Resp: 173766
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.4



#33
Benzene
Concen: 27.403 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion: 78 Resp: 578347

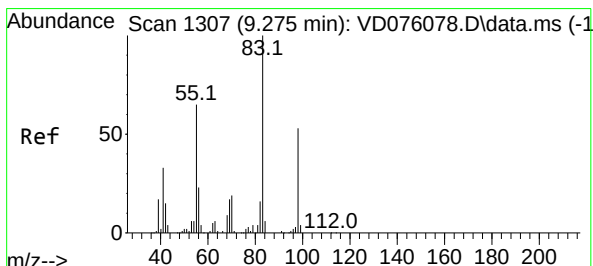
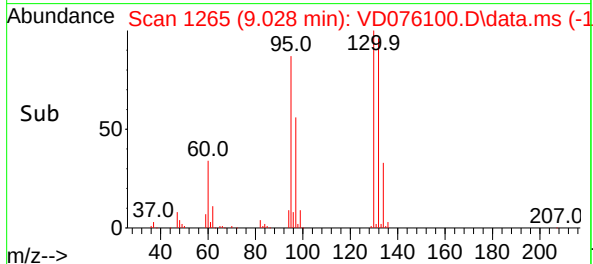
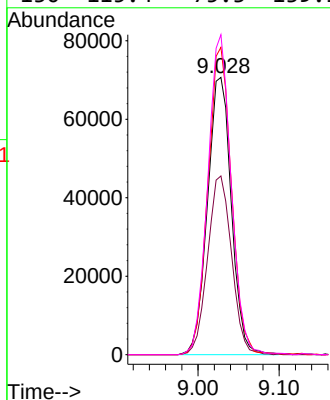
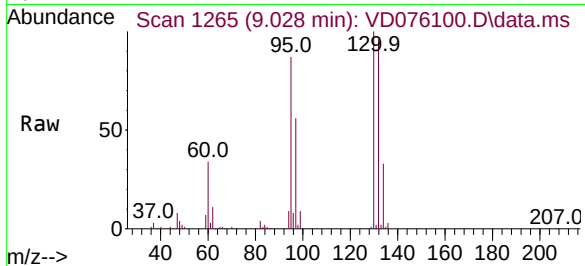




#34
Trichloroethene
Concen: 26.515 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

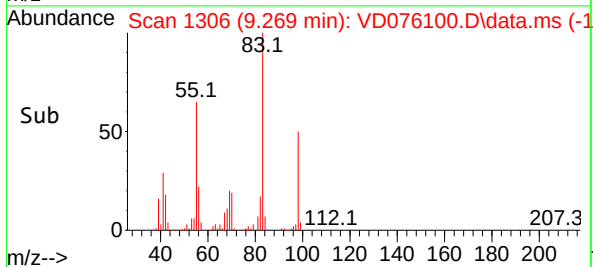
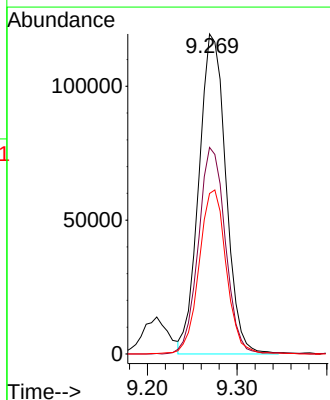
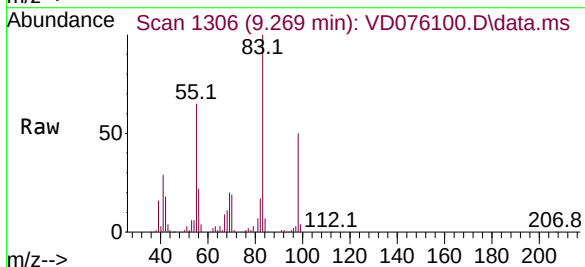
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

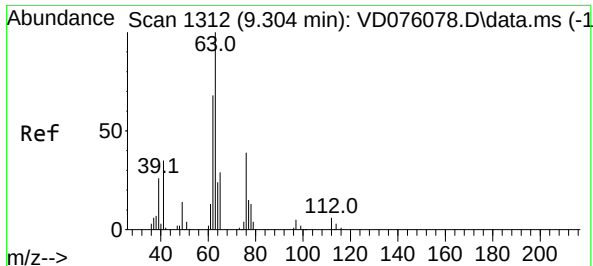
Tgt Ion: 95 Resp: 144443
Ion Ratio Lower Upper
95 100
97 64.4 46.0 85.4
132 110.9 73.3 136.1
130 115.4 75.3 139.9



#35
Methylcyclohexane
Concen: 30.257 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion: 83 Resp: 249733
Ion Ratio Lower Upper
83 100
55 64.4 48.2 72.2
98 51.6 40.8 61.2





#37

1,2-Dichloropropane

Concen: 27.113 ug/L

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

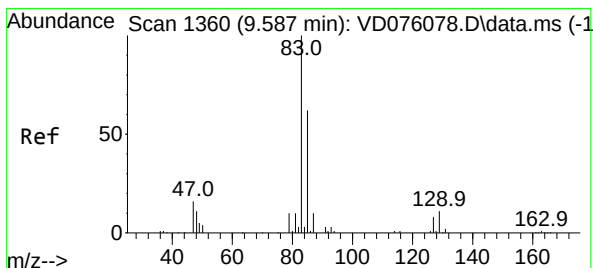
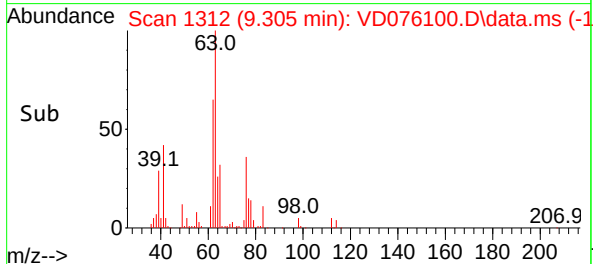
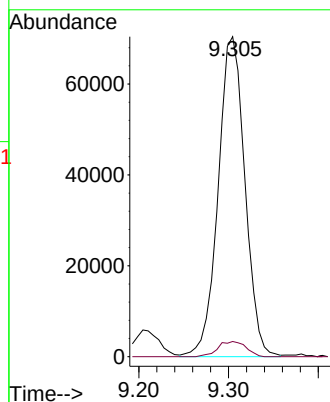
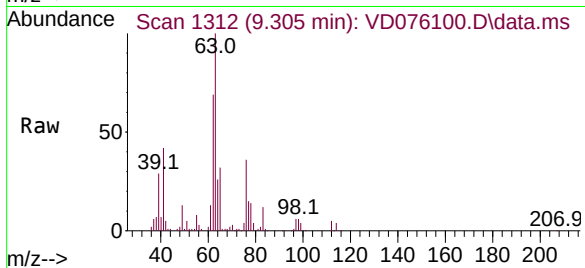
VSTD025156

Tgt Ion: 63 Resp: 145950

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 26.358 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

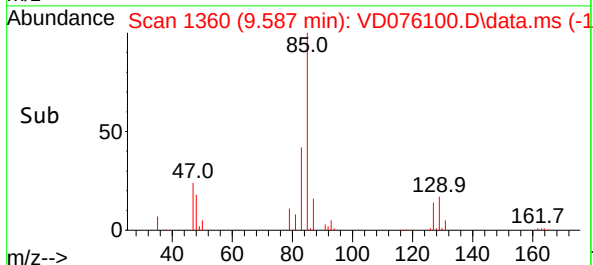
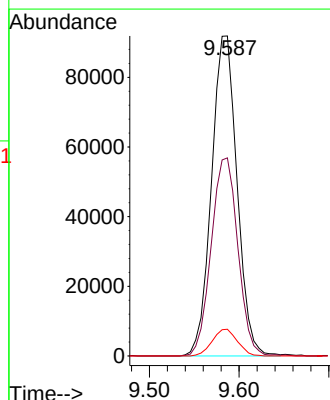
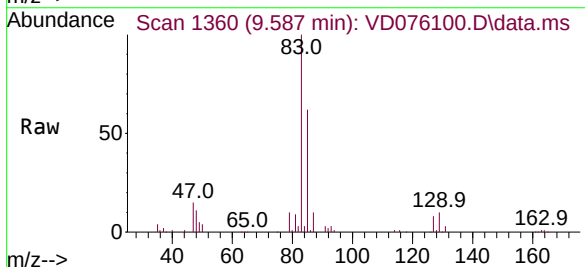
Tgt Ion: 83 Resp: 181789

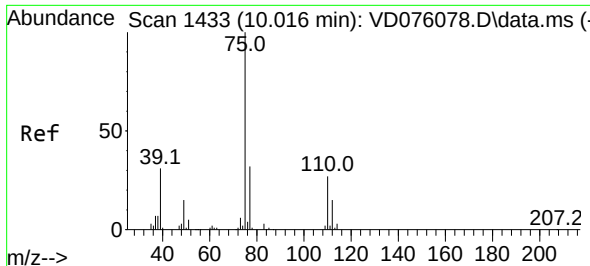
Ion Ratio Lower Upper

83 100

85 61.9 44.2 82.2

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.488 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

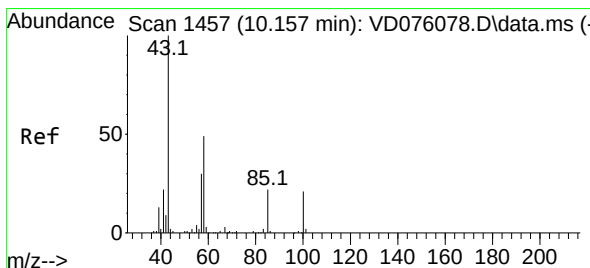
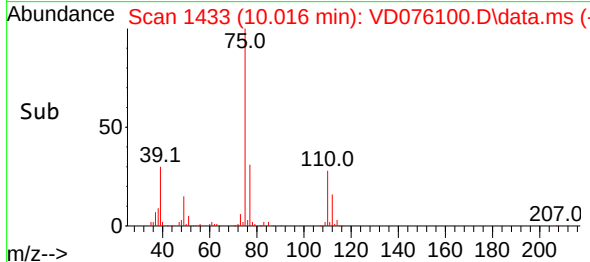
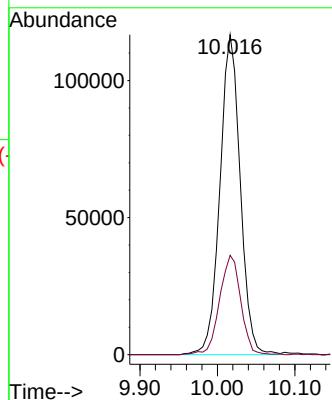
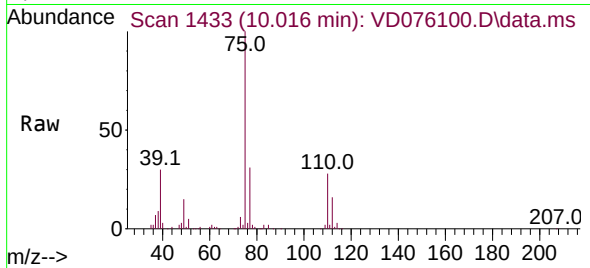
VSTD025156

Tgt Ion: 75 Resp: 213143

Ion Ratio Lower Upper

75 100

77 31.0 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 59.693 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

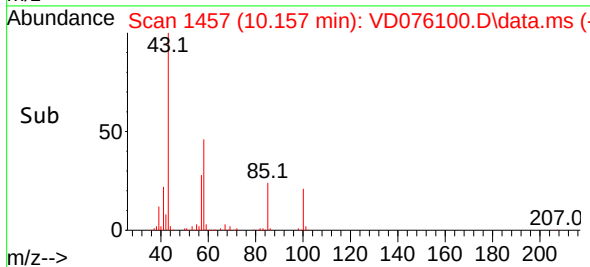
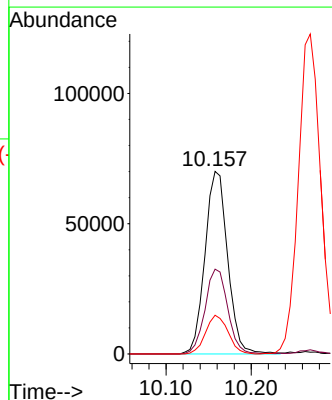
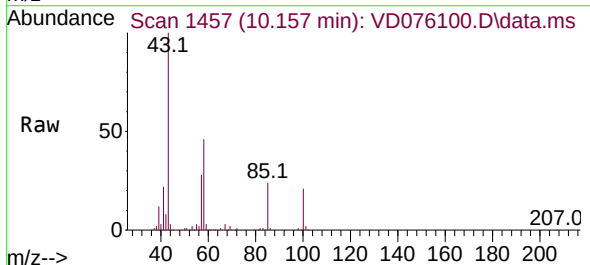
Tgt Ion: 43 Resp: 129519

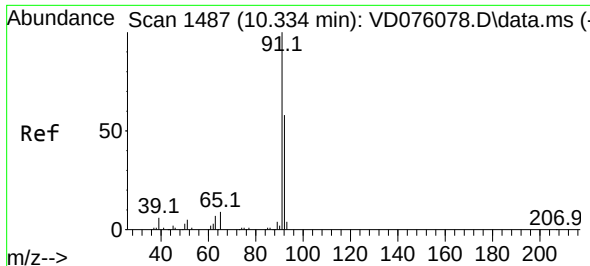
Ion Ratio Lower Upper

43 100

58 46.5 39.1 58.7

100 20.9 19.4 29.0





#42

Toluene

Concen: 28.477 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

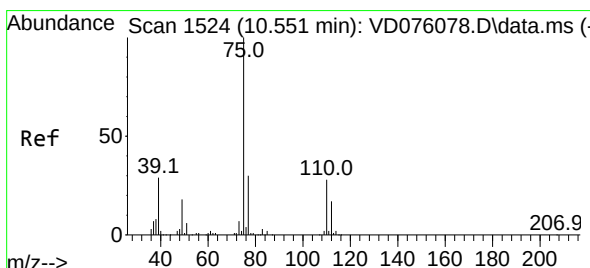
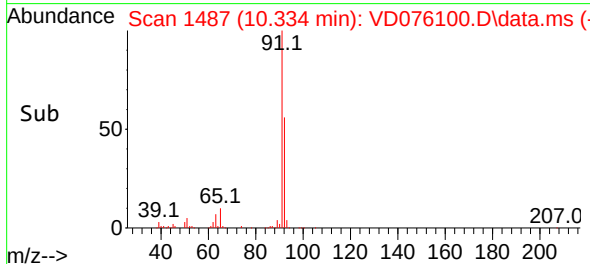
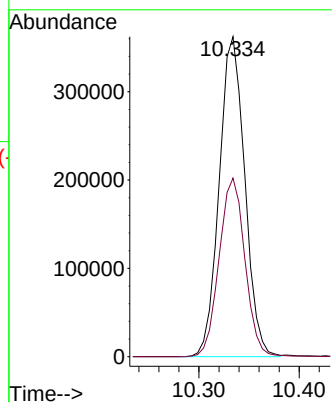
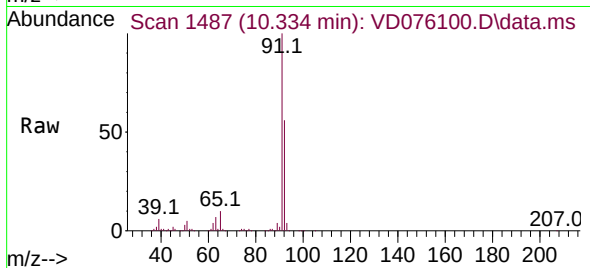
VSTD025156

Tgt Ion: 91 Resp: 641624

Ion Ratio Lower Upper

91 100

92 55.8 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 27.534 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD076100.D

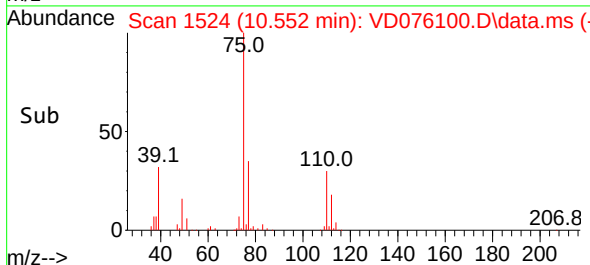
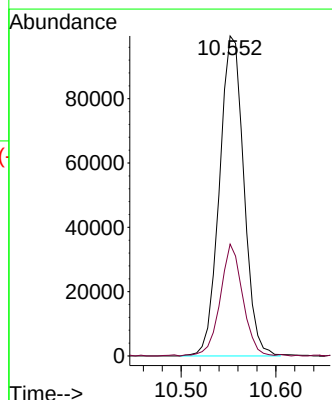
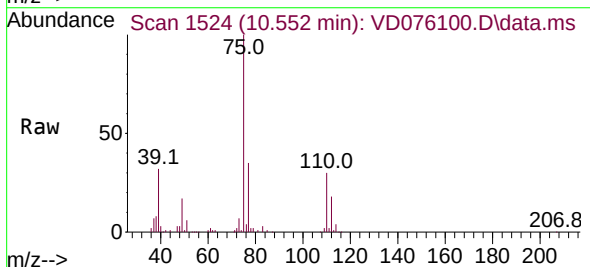
Acq: 12 May 2023 10:55

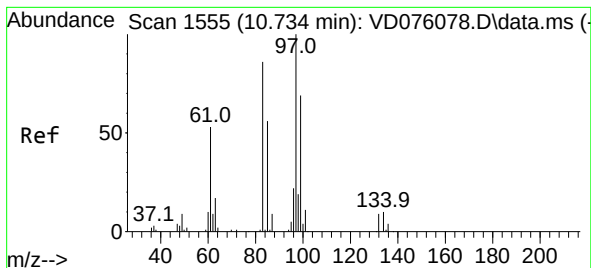
Tgt Ion: 75 Resp: 178142

Ion Ratio Lower Upper

75 100

77 34.9 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 26.855 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD025156

Tgt Ion: 97 Resp: 116728

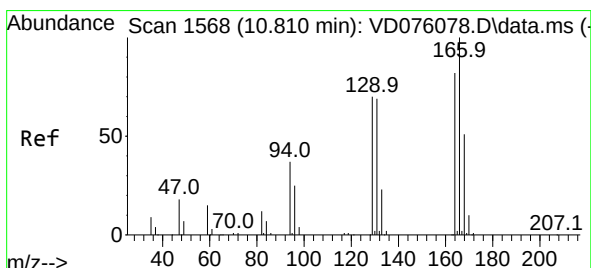
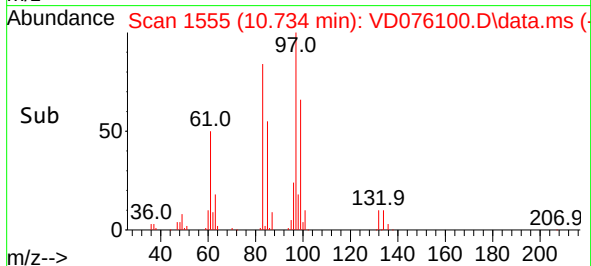
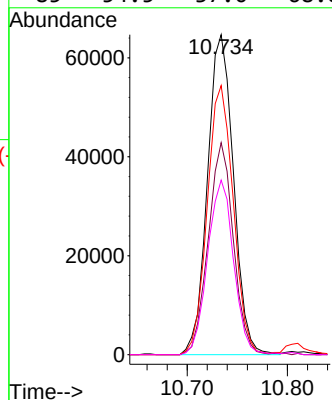
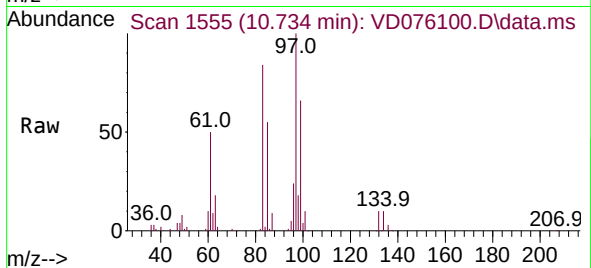
Ion Ratio Lower Upper

97 100

99 66.2 42.2 78.4

83 84.1 54.8 101.8

85 54.5 37.0 68.8



#46

Tetrachloroethene

Concen: 28.331 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Tgt Ion:164 Resp: 128939

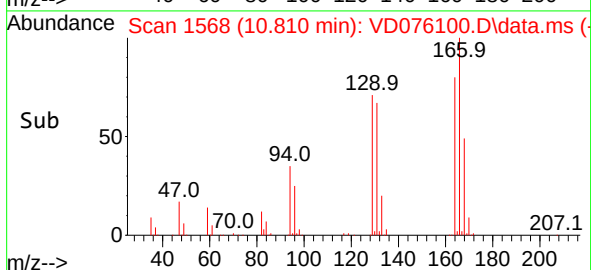
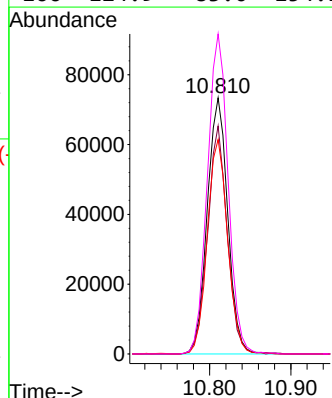
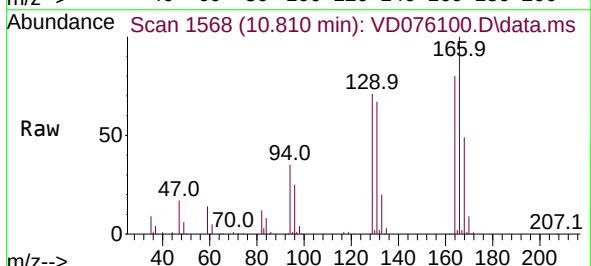
Ion Ratio Lower Upper

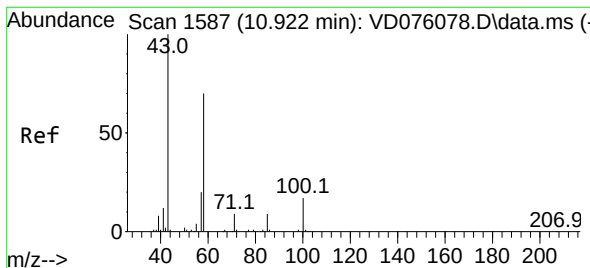
164 100

129 89.0 60.3 112.1

131 83.7 58.9 109.3

166 124.9 83.0 154.1





#48

2-Hexanone

Concen: 61.368 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD025156

Tgt Ion: 43 Resp: 96626

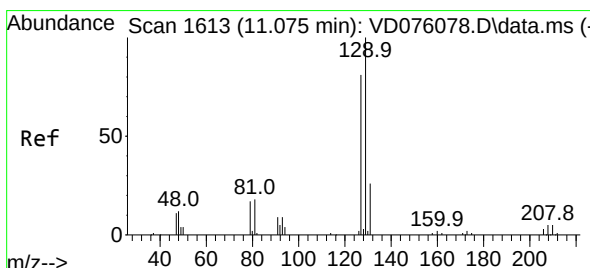
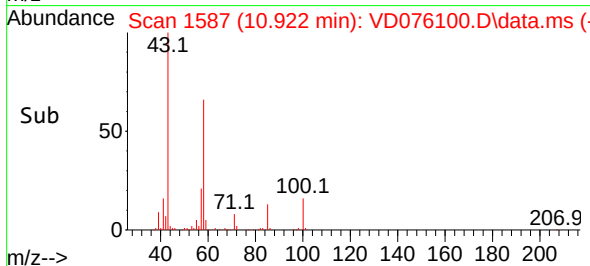
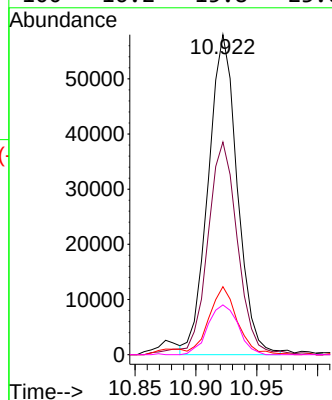
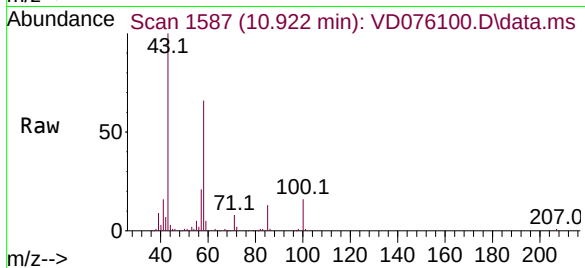
Ion Ratio Lower Upper

43 100

58 66.0 59.7 89.5

57 20.5 17.9 26.9

100 16.2 15.8 23.6



#49

Dibromochloromethane

Concen: 26.861 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD076100.D

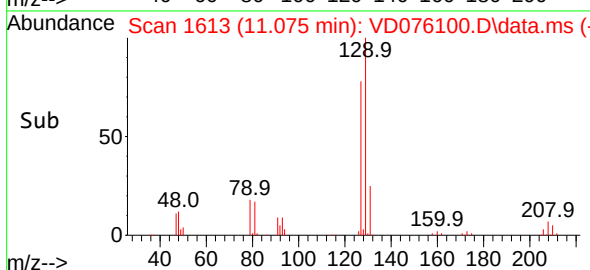
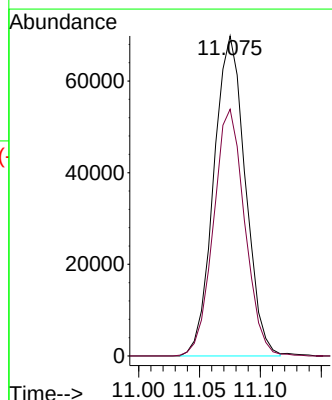
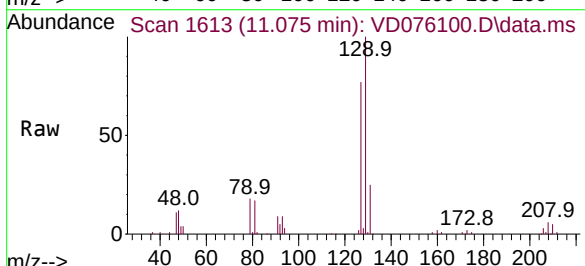
Acq: 12 May 2023 10:55

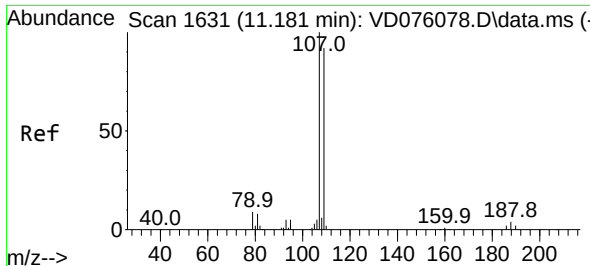
Tgt Ion: 129 Resp: 125970

Ion Ratio Lower Upper

129 100

127 77.1 55.6 103.4

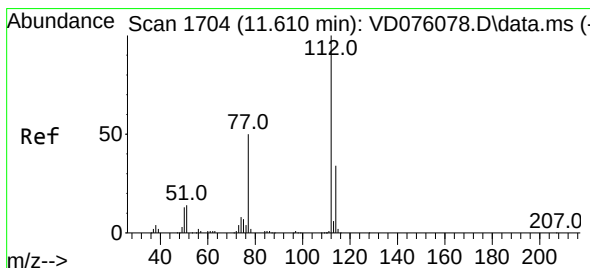
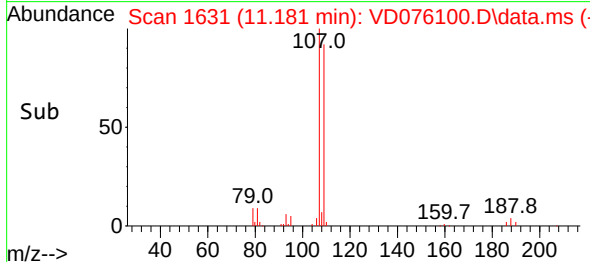
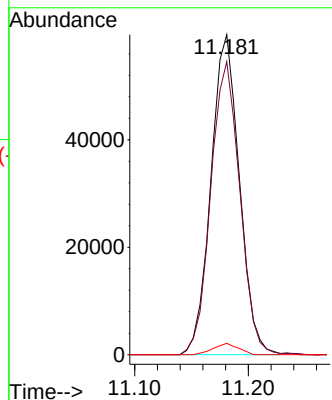
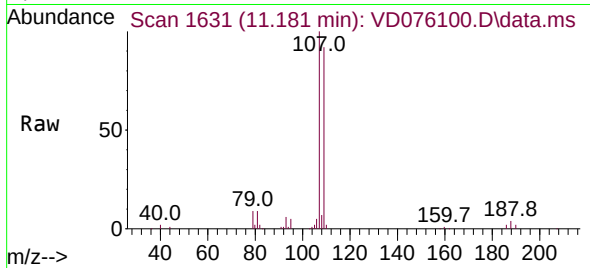




#50
1,2-Dibromoethane
Concen: 27.011 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

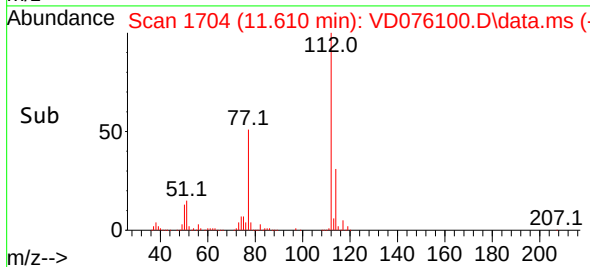
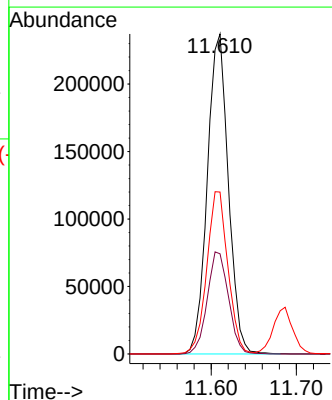
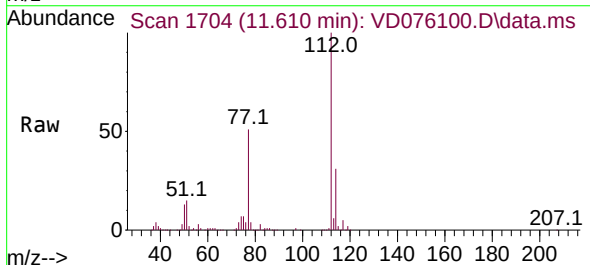
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

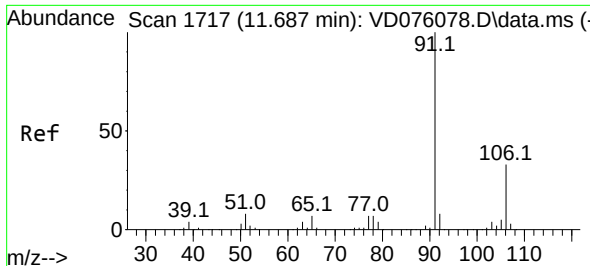
Tgt Ion:107 Resp: 103691
Ion Ratio Lower Upper
107 100
109 91.6 67.6 125.6
188 3.6 3.0 4.6



#51
Chlorobenzene
Concen: 26.540 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion:112 Resp: 406986
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.8
77 50.6 39.7 59.5

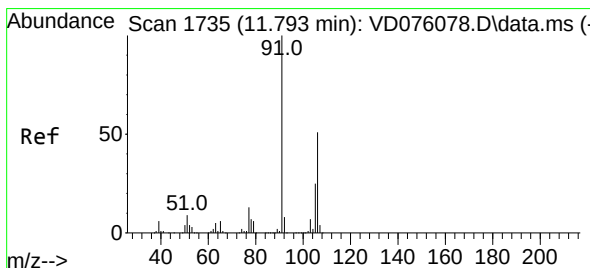
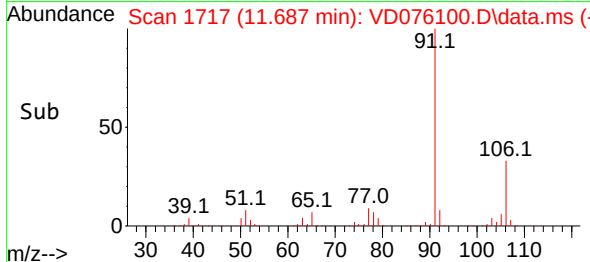
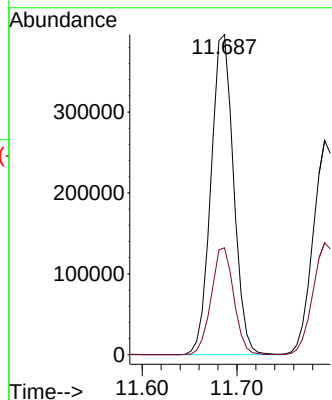
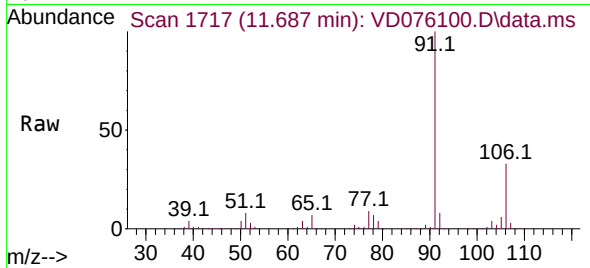




#52
Ethylbenzene
Concen: 28.088 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

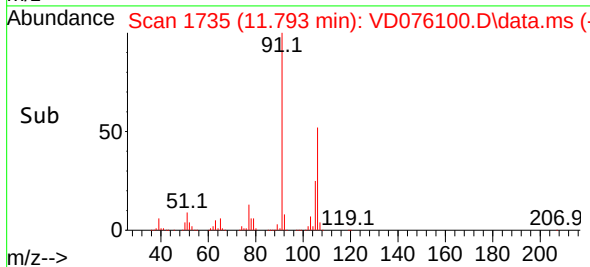
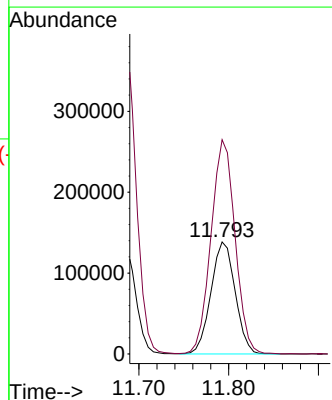
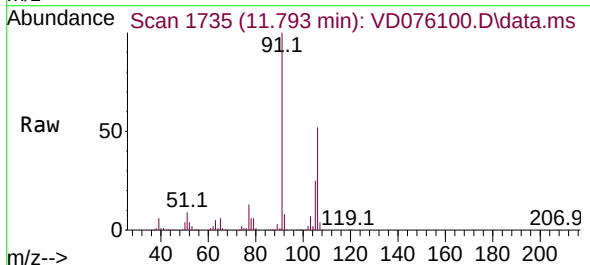
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

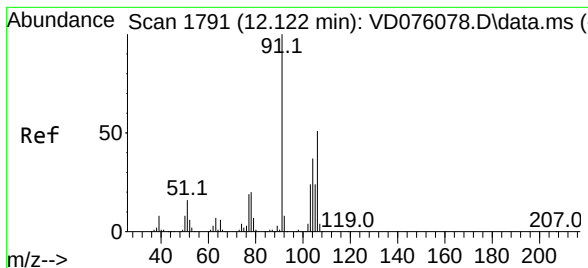
Tgt Ion: 91 Resp: 656535
Ion Ratio Lower Upper
91 100
106 33.4 23.7 43.9



#53
m,p-Xylene
Concen: 28.507 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion: 106 Resp: 259839
Ion Ratio Lower Upper
106 100
91 191.2 130.9 243.1

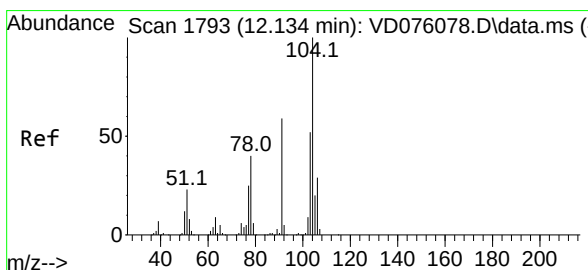
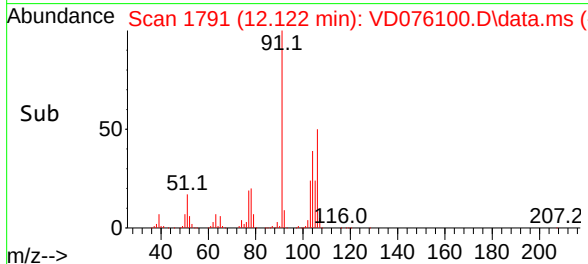
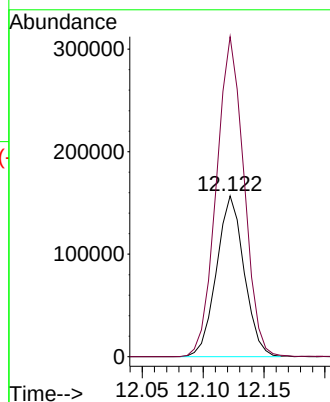
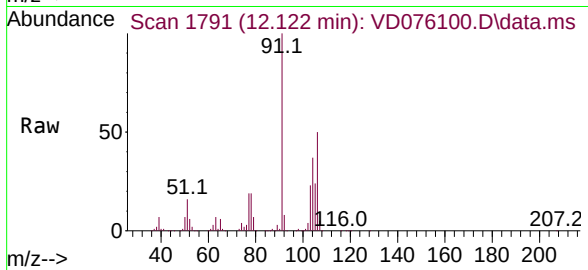




#54
o-Xylene
Concen: 28.685 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

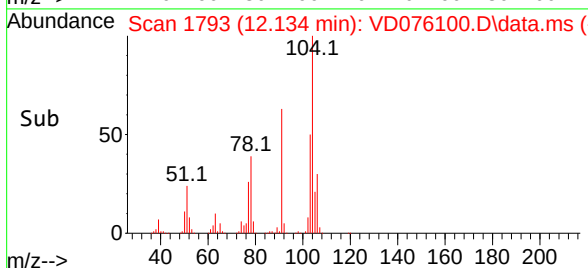
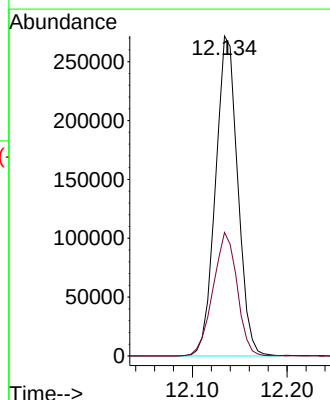
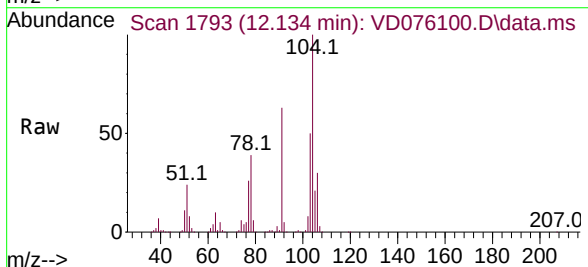
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

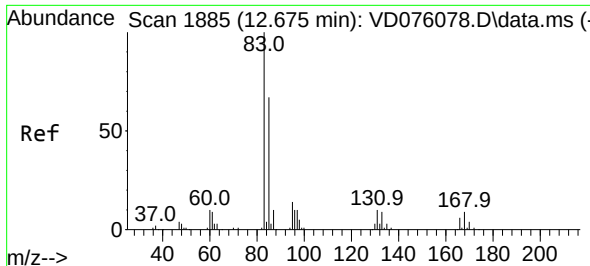
Tgt Ion:106 Resp: 247961
Ion Ratio Lower Upper
106 100
91 199.0 139.8 259.6



#55
Styrene
Concen: 29.006 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion:104 Resp: 444217
Ion Ratio Lower Upper
104 100
78 38.6 26.2 48.6

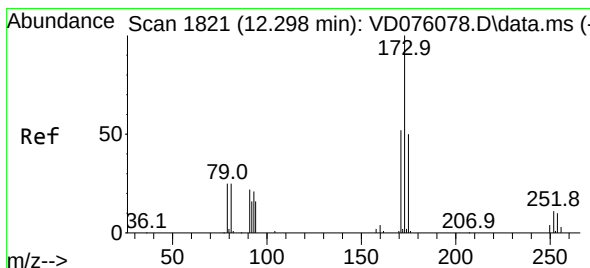
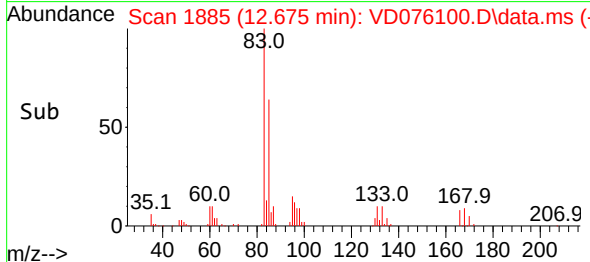
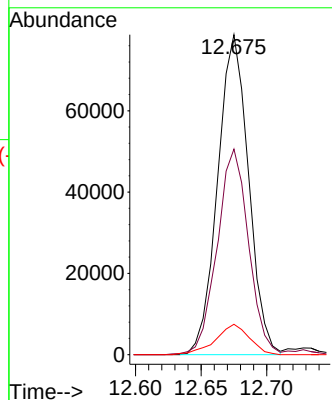
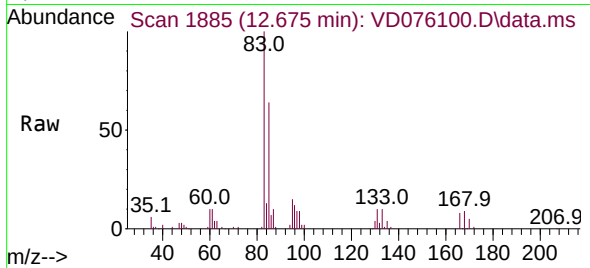




#57
1,1,2,2-Tetrachloroethane
Concen: 26.461 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

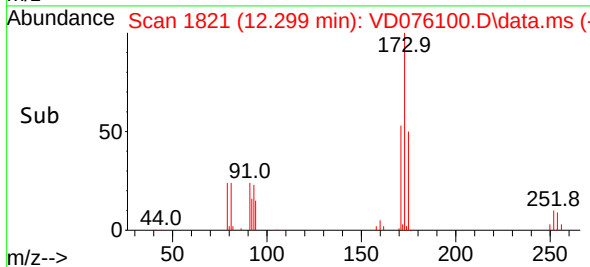
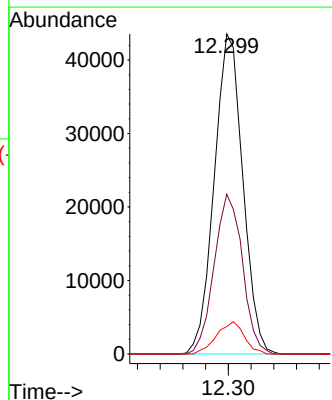
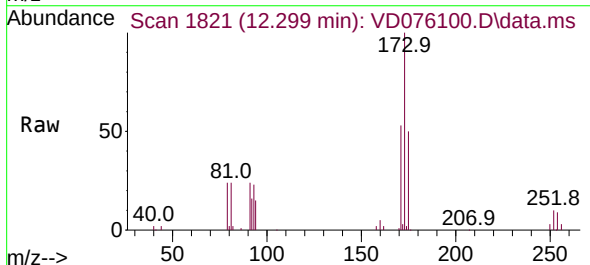
Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

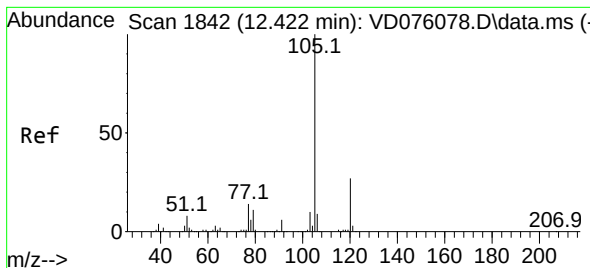
Tgt Ion: 83 Resp: 128762
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7
131 9.5 7.0 10.6



#59
Bromoform
Concen: 25.011 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion: 173 Resp: 76046
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.0
254 9.8 7.4 11.2





#60

Isopropylbenzene

Concen: 27.506 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD025156

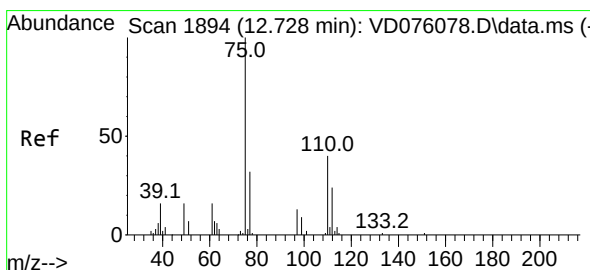
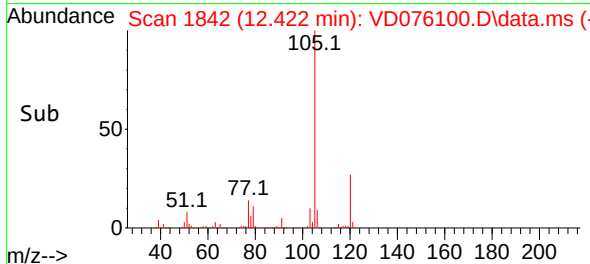
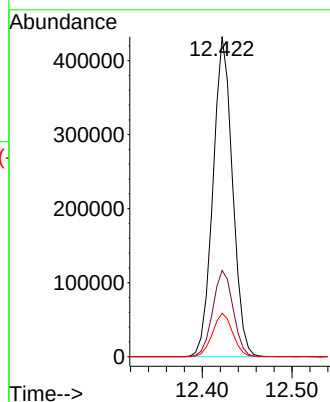
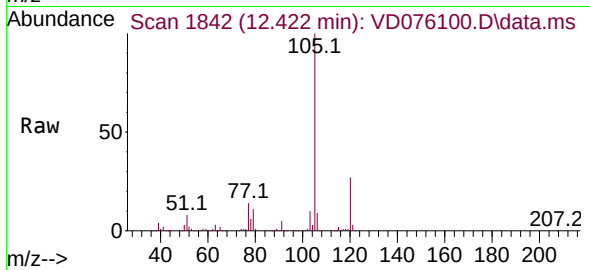
Tgt Ion:105 Resp: 653444

Ion Ratio Lower Upper

105 100

120 28.1 22.7 34.1

77 14.0 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 24.588 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

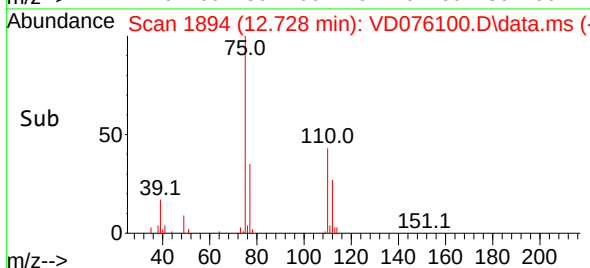
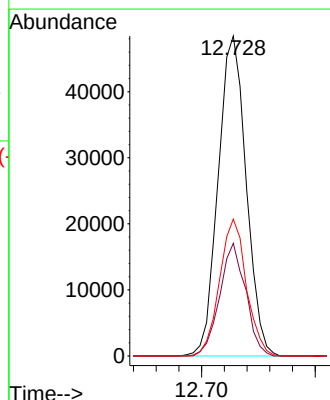
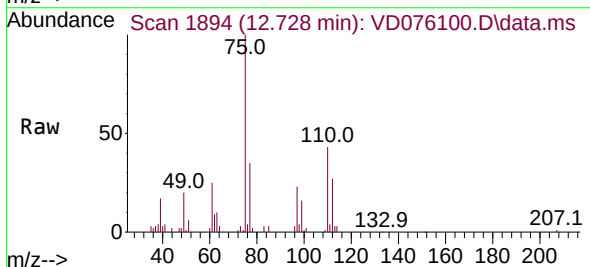
Tgt Ion: 75 Resp: 82751

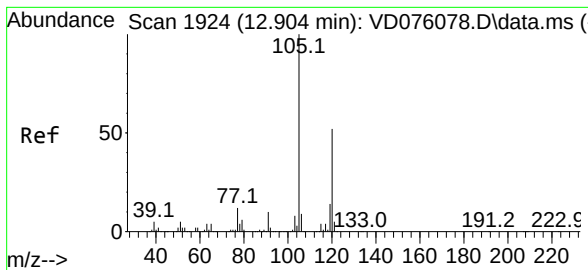
Ion Ratio Lower Upper

75 100

77 32.8 26.6 39.8

110 41.1 33.5 50.3

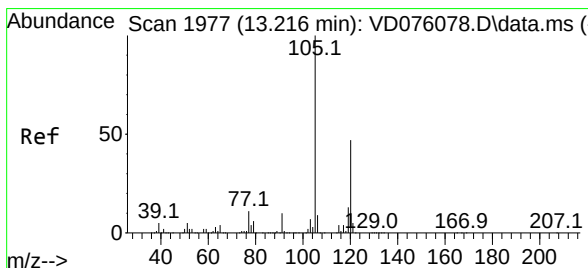
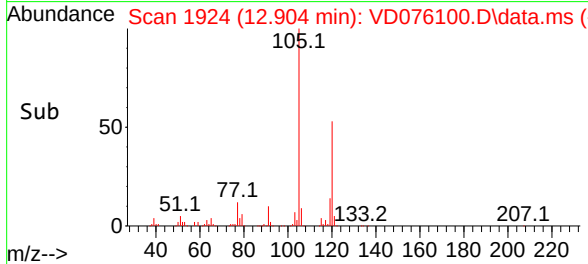
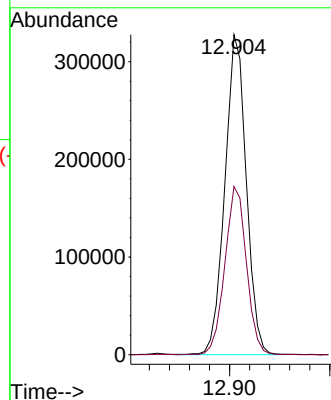
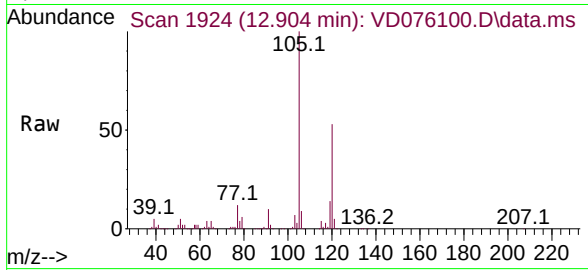




#62
 1,3,5-Trimethylbenzene
 Concen: 26.633 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD076100.D
 Acq: 12 May 2023 10:55

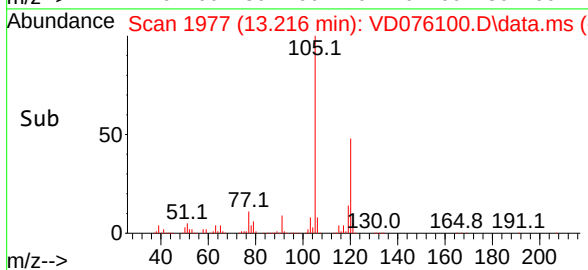
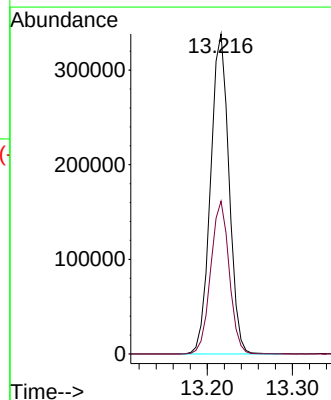
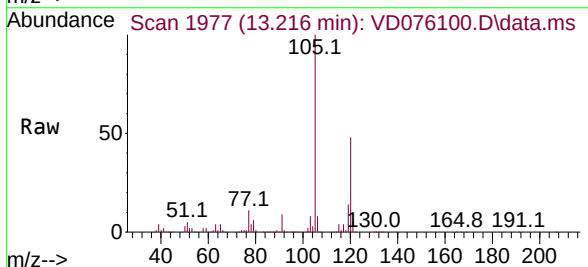
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025156

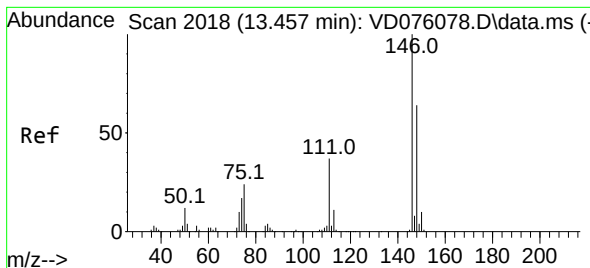
Tgt Ion:105 Resp: 485429
 Ion Ratio Lower Upper
 105 100
 120 52.9 42.0 63.0



#63
 1,2,4-Trimethylbenzene
 Concen: 29.222 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD076100.D
 Acq: 12 May 2023 10:55

Tgt Ion:105 Resp: 509384
 Ion Ratio Lower Upper
 105 100
 120 47.9 39.0 58.6





#64

1,3-Dichlorobenzene

Concen: 26.017 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD025156

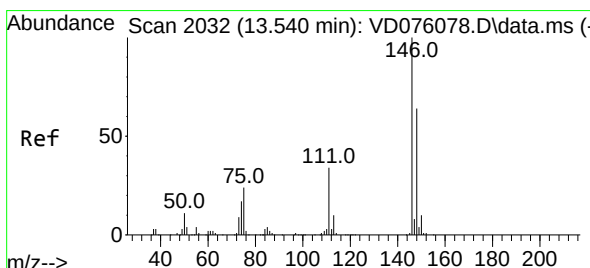
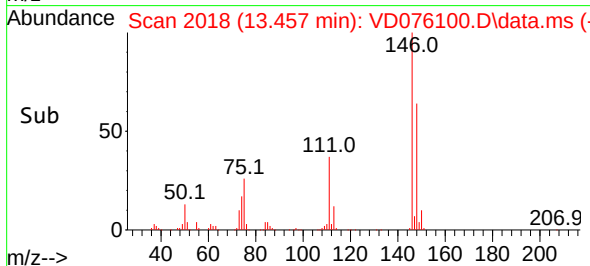
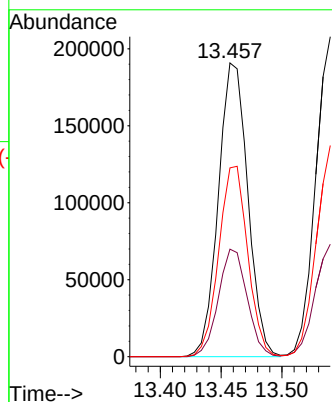
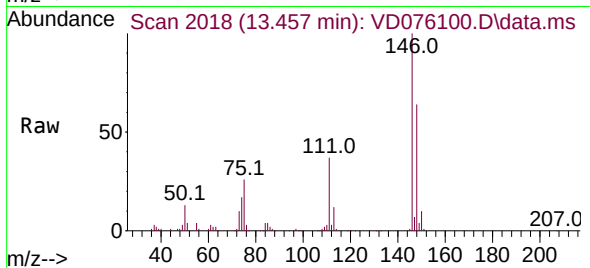
Tgt Ion:146 Resp: 320896

Ion Ratio Lower Upper

146 100

111 36.6 26.5 49.1

148 64.3 43.8 81.3



#65

1,4-Dichlorobenzene

Concen: 26.019 ug/L

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

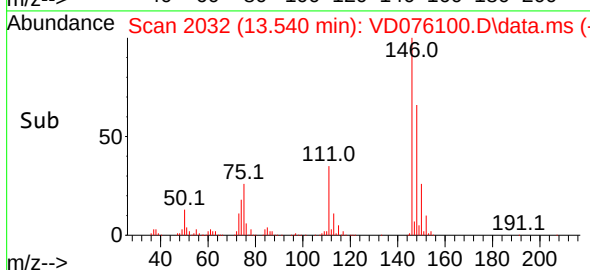
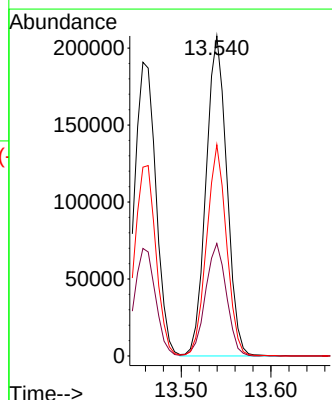
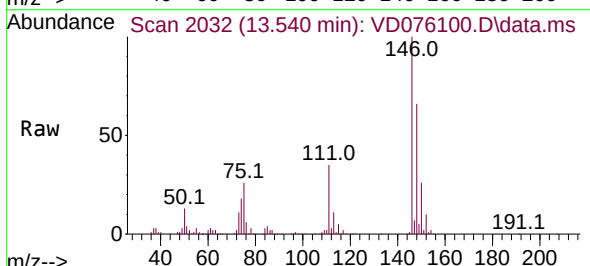
Tgt Ion:146 Resp: 333853

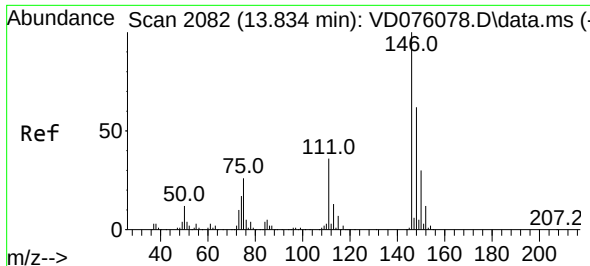
Ion Ratio Lower Upper

146 100

111 35.2 24.6 45.8

148 66.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.293 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTD025156

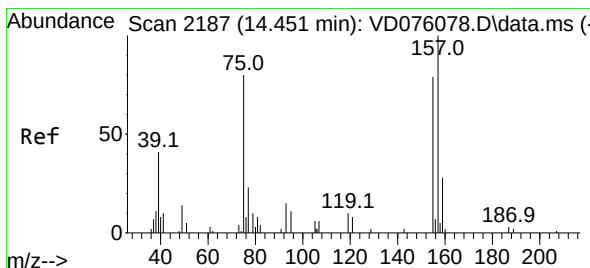
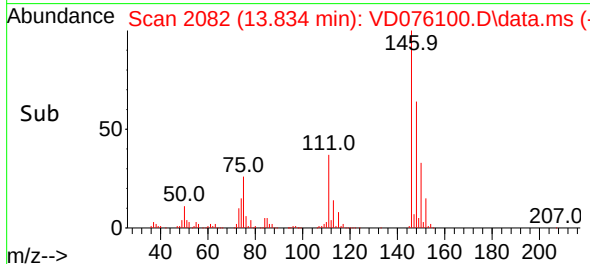
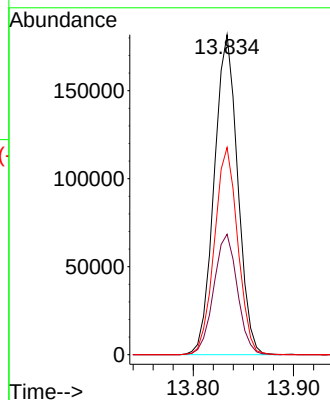
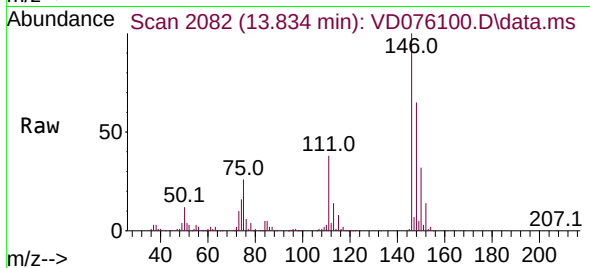
Tgt Ion:146 Resp: 295805

Ion Ratio Lower Upper

146 100

111 37.7 30.6 46.0

148 64.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.117 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076100.D

Acq: 12 May 2023 10:55

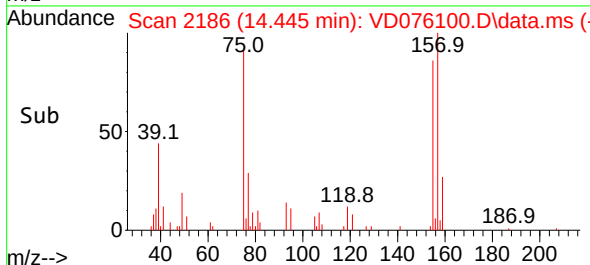
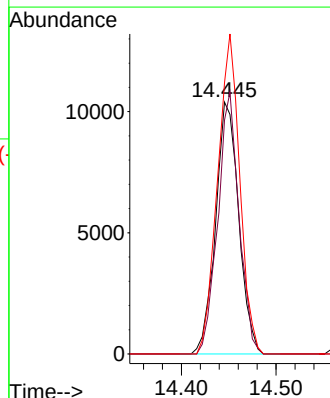
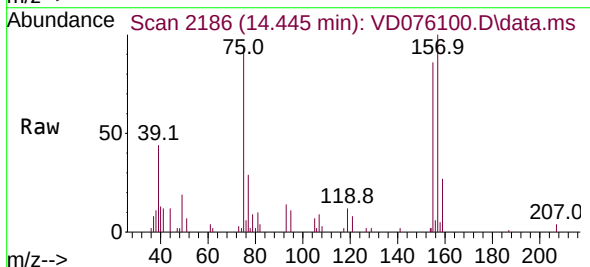
Tgt Ion: 75 Resp: 17633

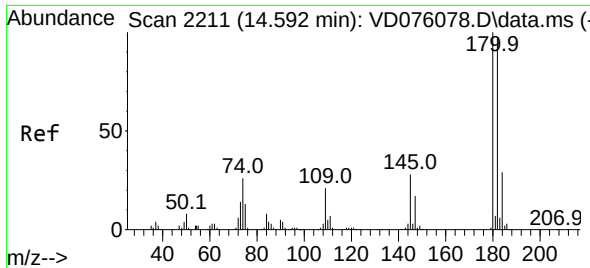
Ion Ratio Lower Upper

75 100

155 92.9 74.6 111.8

157 107.6 109.4 164.2#

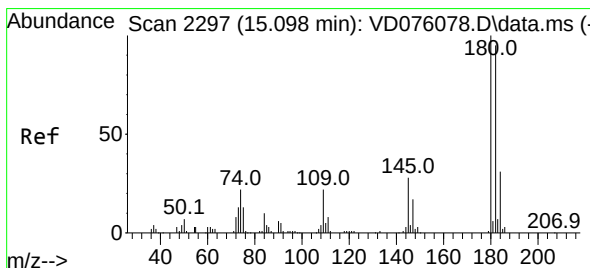
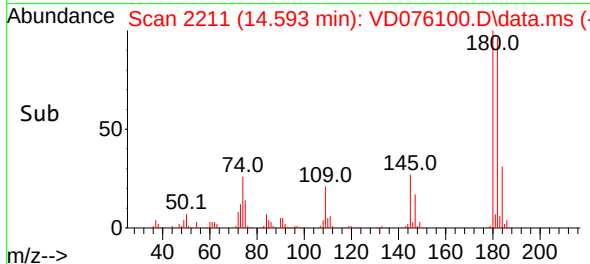
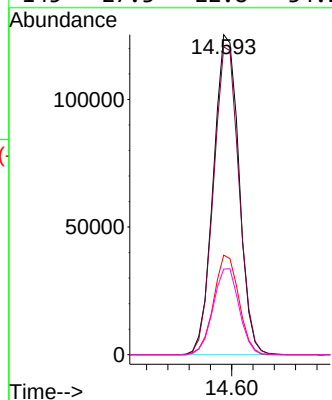
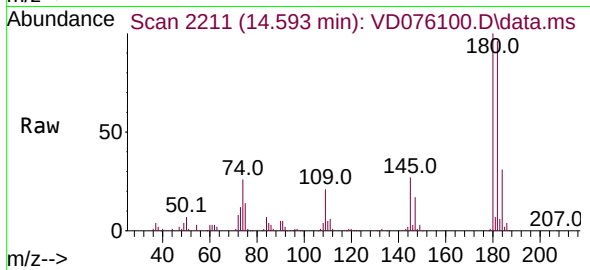




#69
 1,3,5-Trichlorobenzene
 Concen: 26.566 ug/L
 RT: 14.593 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD076100.D
 Acq: 12 May 2023 10:55

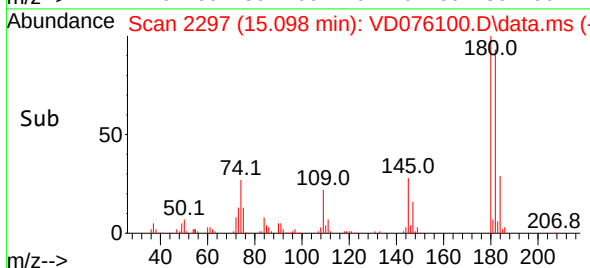
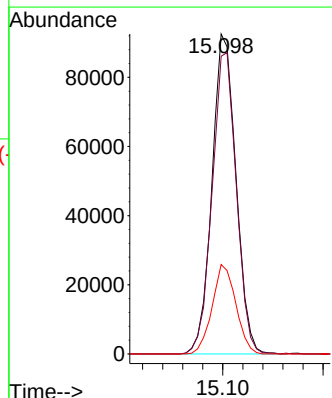
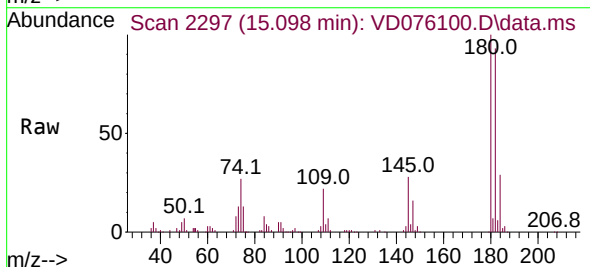
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025156

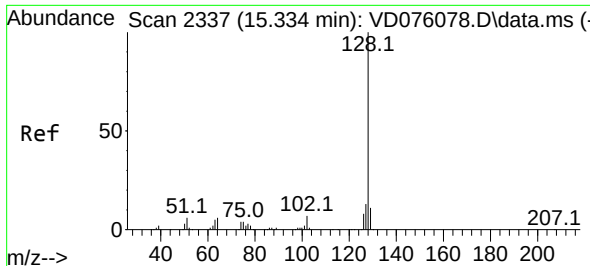
Tgt Ion:180	Resp:	208208
Ion Ratio	Lower	Upper
180	100	
182	96.2	74.9 112.3
184	30.8	25.0 37.4
145	27.3	22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 24.791 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD076100.D
 Acq: 12 May 2023 10:55

Tgt Ion:180	Resp:	153769
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.4 113.2
145	27.6	23.6 35.4

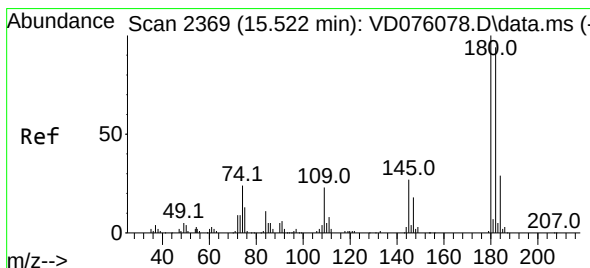
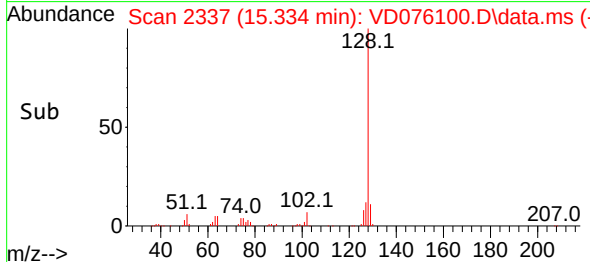
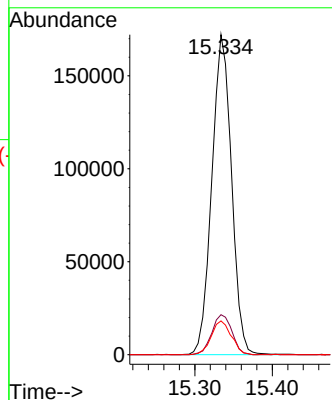
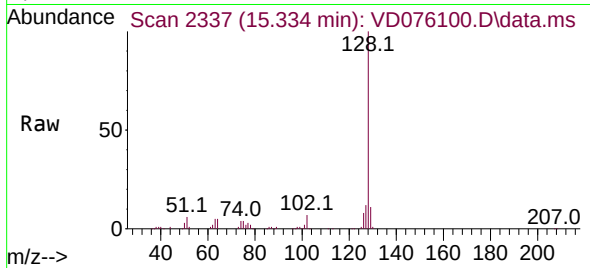




#71
Naphthalene
Concen: 26.080 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTD025156

Tgt Ion:128 Resp: 303982
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 26.111 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076100.D
Acq: 12 May 2023 10:55

Tgt Ion:180 Resp: 147279
Ion Ratio Lower Upper
180 100
182 96.5 76.3 114.5
145 29.5 25.0 37.6

