

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080423\
 Data File : VD076924.D
 Acq On : 04 Aug 2023 13:42
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025176

Quant Time: Aug 05 00:17:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	262148	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	271279	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	140458	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	156803	21.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.000%
7) Chloroethane-d5	2.793	69	155641	23.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	3.916	65	37029	21.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.720%
21) 2-Butanone-d5	6.981	46	67083	57.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.920%
24) Chloroform-d	7.569	84	209166	24.503	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	8.228	65	107236	25.200	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	8.199	84	409407	24.004	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	9.210	67	128740	24.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.200%
41) Toluene-d8	10.269	98	382326	24.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	10.522	79	58135	24.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.080%
47) 2-Hexanone-d5	10.875	63	59824	59.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.440%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	135610	26.762	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	129910	25.299	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	97735	22.493	ug/L	99
3) Chloromethane	2.146	50	152608	27.072	ug/L	99
5) Vinyl chloride	2.281	62	205156	25.450	ug/L	95
6) Bromomethane	2.687	94	142536	23.687	ug/L	100
8) Chloroethane	2.834	64	139640	25.732	ug/L	99
9) Trichlorofluoromethane	3.169	101	166162	24.895	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	106885	24.576	ug/L	96
12) 1,1-Dichloroethene	3.934	96	97605	25.310	ug/L	83
13) Acetone	4.016	43	91721	77.495	ug/L	98
14) Carbon disulfide	4.263	76	337136	25.188	ug/L	98
15) Methyl Acetate	4.563	43	54779	27.383	ug/L #	90
16) Methylene chloride	4.799	84	160233	29.139	ug/L	80
17) trans-1,2-Dichloroethene	5.310	96	109657	25.113	ug/L	86
18) Methyl tert-butyl Ether	5.322	73	261136	27.070	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	186601	25.594	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	129216	26.509	ug/L	88
22) 2-Butanone	7.081	43	102125	61.671	ug/L	86
23) Bromochloromethane	7.422	128	59169	25.026	ug/L #	77
25) Chloroform	7.593	83	207313	25.962	ug/L	98

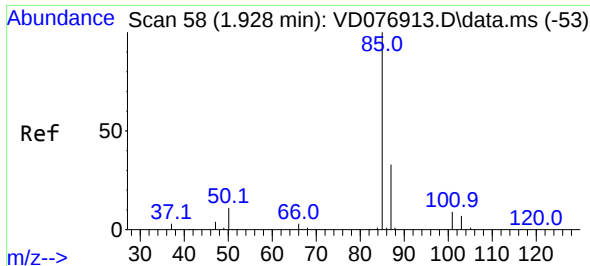
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080423\
 Data File : VD076924.D
 Acq On : 04 Aug 2023 13:42
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025176

Quant Time: Aug 05 00:17:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	130675	26.111	ug/L #	94
29) Cyclohexane	7.875	56	151016	25.288	ug/L	87
30) 1,1,1-Trichloroethane	7.787	97	168589	25.081	ug/L	96
31) Carbon tetrachloride	7.987	117	138722	25.216	ug/L	98
33) Benzene	8.252	78	458491	25.784	ug/L	100
34) Trichloroethene	9.028	95	114704	24.770	ug/L	98
35) Methylcyclohexane	9.275	83	185497	24.564	ug/L	92
37) 1,2-Dichloropropane	9.304	63	117681	26.052	ug/L #	97
38) Bromodichloromethane	9.581	83	160272	25.765	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	195181	26.773	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	164515	57.805	ug/L #	90
42) Toluene	10.334	91	494030	25.550	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	168174	26.395	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	106034	26.413	ug/L	95
46) Tetrachloroethene	10.810	164	86437	24.767	ug/L	97
48) 2-Hexanone	10.922	43	145763	66.598	ug/L #	88
49) Dibromochloromethane	11.075	129	117370	26.280	ug/L	99
50) 1,2-Dibromoethane	11.181	107	105740	27.006	ug/L	90
51) Chlorobenzene	11.610	112	322364	25.589	ug/L	96
52) Ethylbenzene	11.681	91	532065	25.823	ug/L	100
53) m,p-Xylene	11.792	106	206816	26.014	ug/L	97
54) o-Xylene	12.122	106	198030	25.899	ug/L	92
55) Styrene	12.134	104	367857	26.608	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	134120	27.012	ug/L	97
59) Bromoform	12.298	173	73682	26.451	ug/L	98
60) Isopropylbenzene	12.422	105	526603	26.069	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	87873	26.806	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	404047	26.256	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	407930	26.637	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	234469	25.433	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	243092	25.510	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	220640	25.530	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	18483	24.607	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	147389	25.548	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	129549	25.527	ug/L	99
71) Naphthalene	15.333	128	325833	27.306	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	120423	26.166	ug/L	98

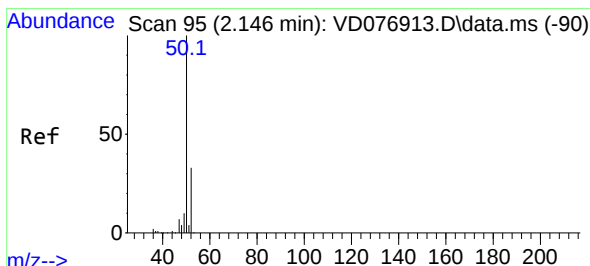
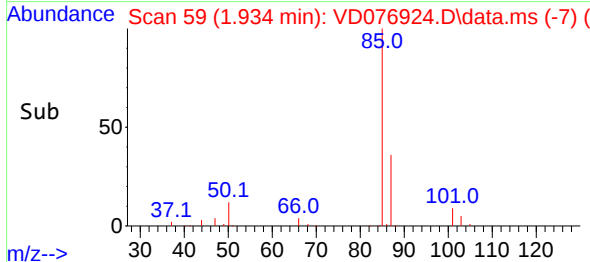
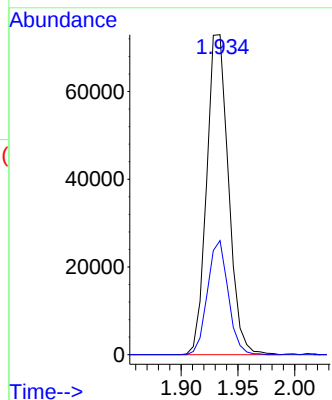
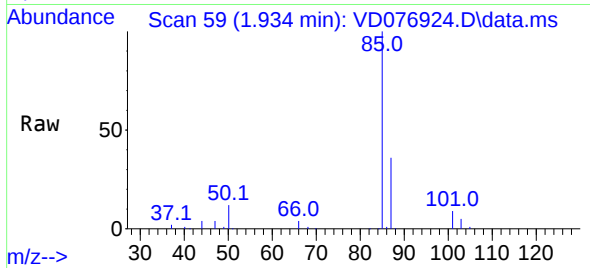
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 22.493 ug/L
RT: 1.934 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

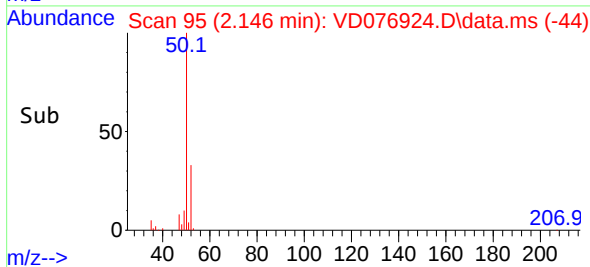
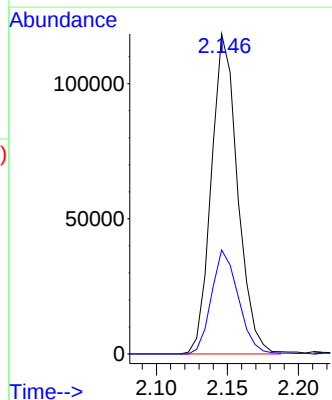
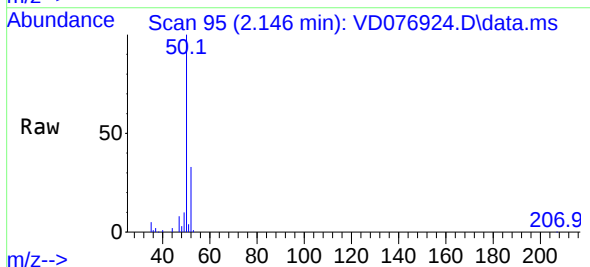
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

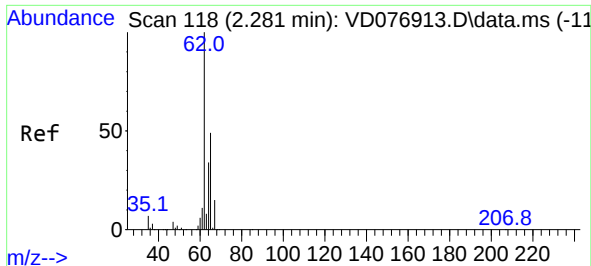
Tgt Ion: 85 Resp: 97735
Ion Ratio Lower Upper
85 100
87 33.7 26.3 39.5



#3
Chloromethane
Concen: 27.072 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 50 Resp: 152608
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.2

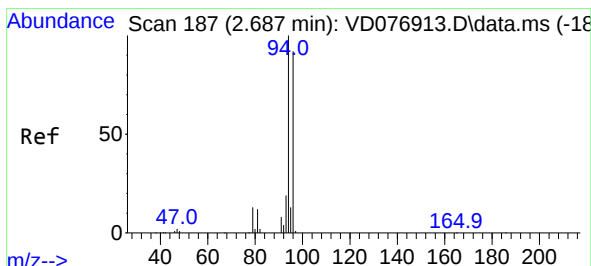
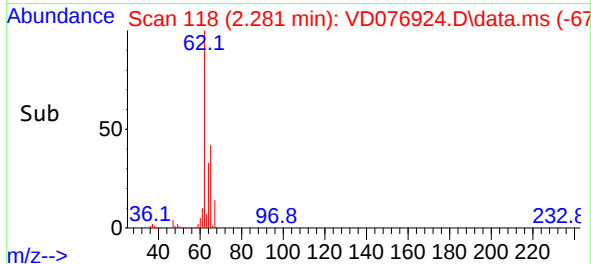
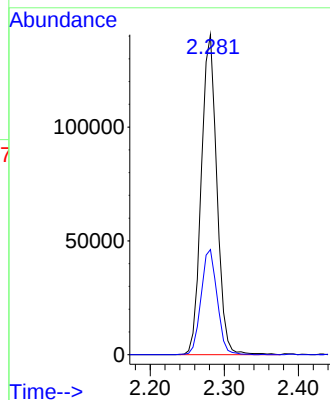
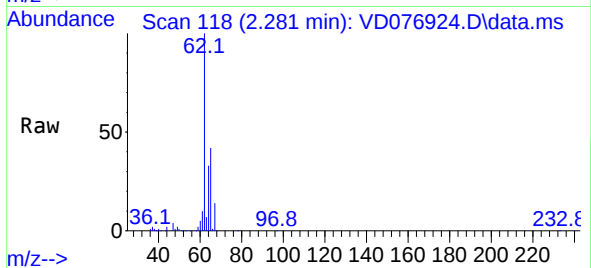




#5
 Vinyl chloride
 Concen: 25.450 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076924.D
 Acq: 04 Aug 2023 13:42

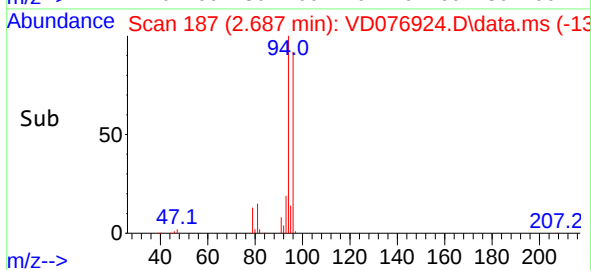
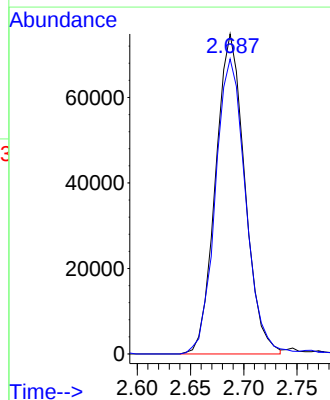
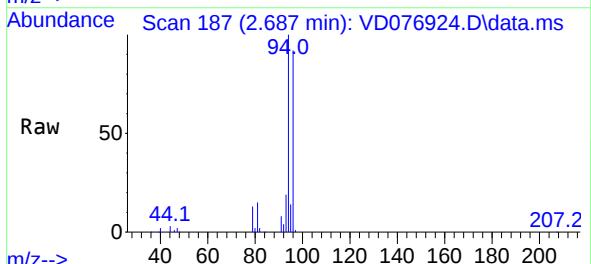
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025176

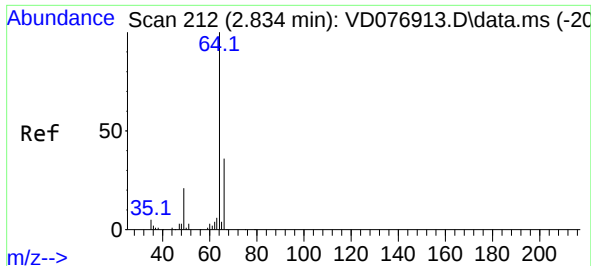
Tgt Ion: 62 Resp: 205156
 Ion Ratio Lower Upper
 62 100
 64 32.9 21.1 39.1



#6
 Bromomethane
 Concen: 23.687 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076924.D
 Acq: 04 Aug 2023 13:42

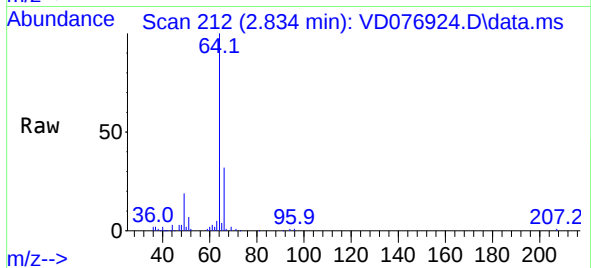
Tgt Ion: 94 Resp: 142536
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.7 120.1



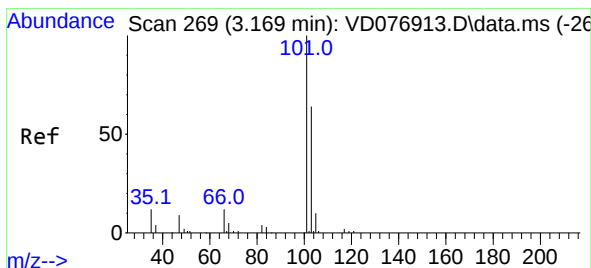
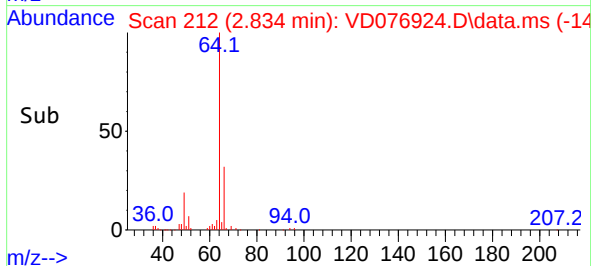
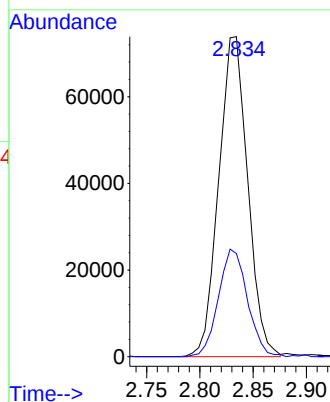


#8
Chloroethane
Concen: 25.732 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

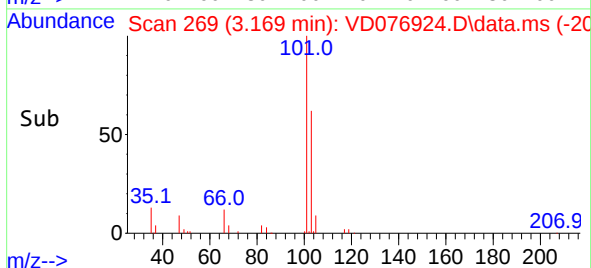
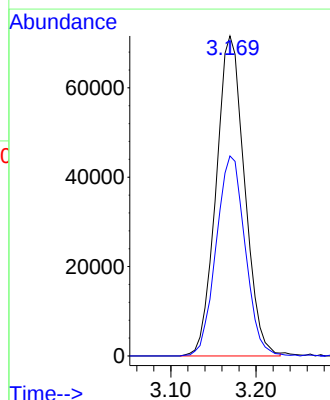
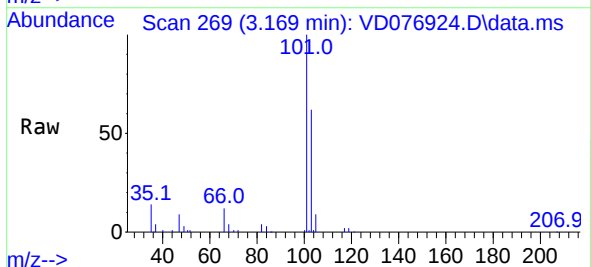


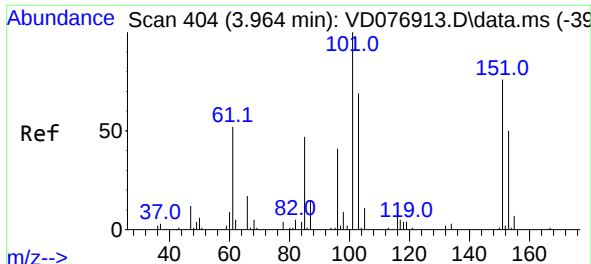
Tgt Ion: 64 Resp: 139640
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 24.895 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion:101 Resp: 166162
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.6

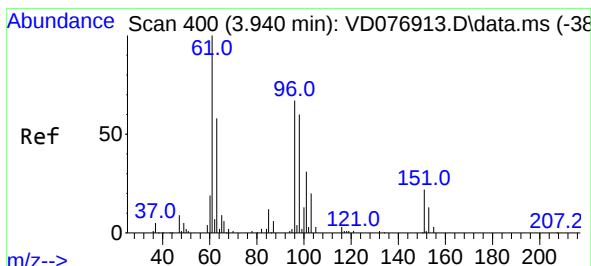
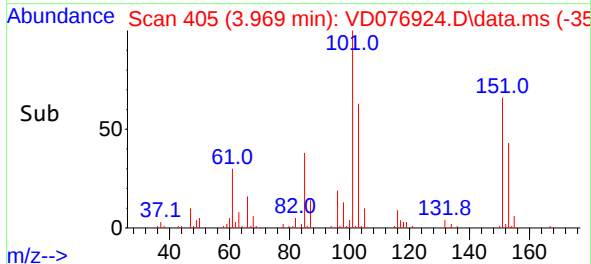
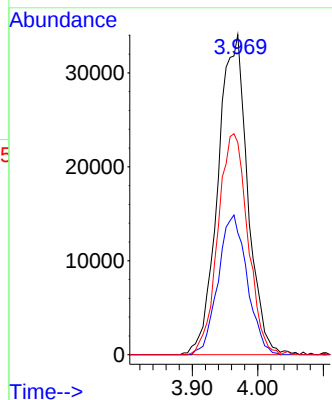
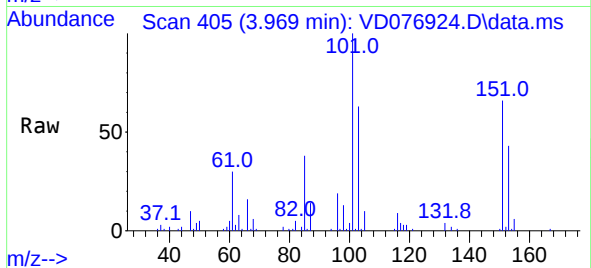




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.576 ug/L
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

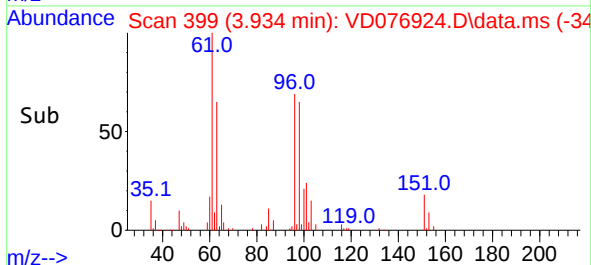
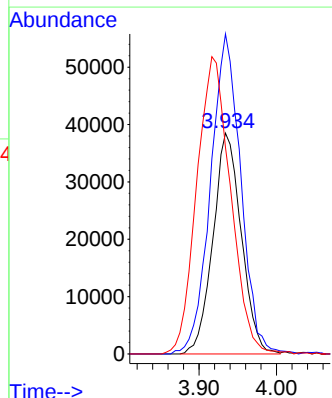
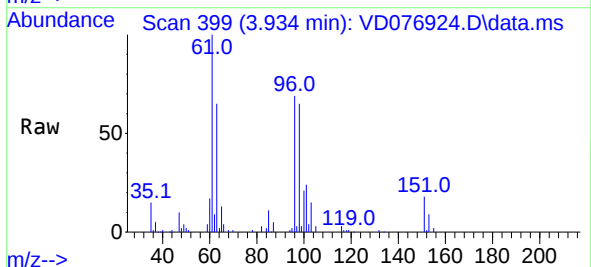
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

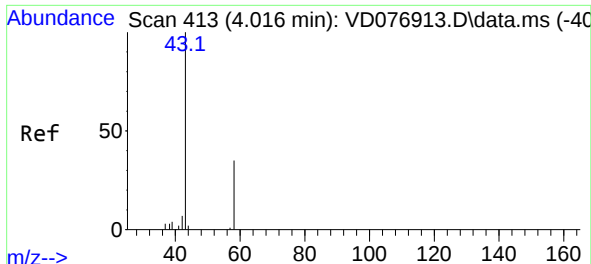
Tgt Ion:101 Resp: 106885
Ion Ratio Lower Upper
101 100
85 42.7 35.5 53.3
151 69.5 58.6 87.8



#12
1,1-Dichloroethene
Concen: 25.310 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 96 Resp: 97605
Ion Ratio Lower Upper
96 100
61 145.0 113.0 209.8
63 93.6 83.6 155.2





#13

Acetone

Concen: 77.495 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD076924.D

Acq: 04 Aug 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

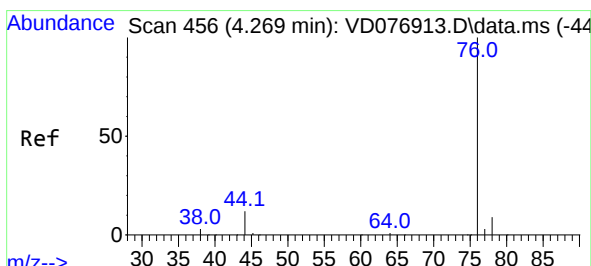
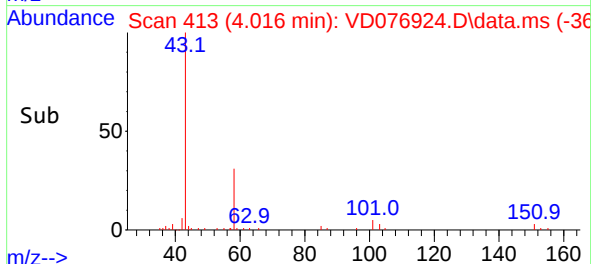
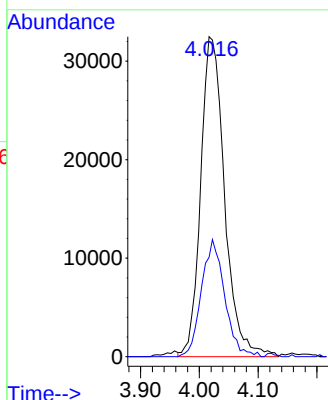
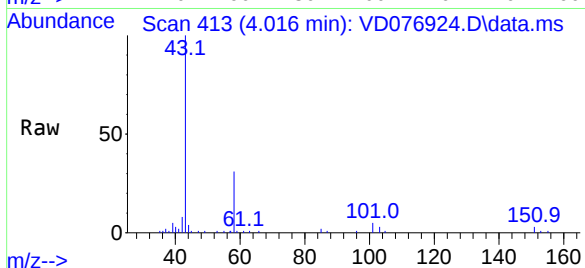
VSTD025176

Tgt Ion: 43 Resp: 91721

Ion Ratio Lower Upper

43 100

58 34.6 0.0 67.4



#14

Carbon disulfide

Concen: 25.188 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD076924.D

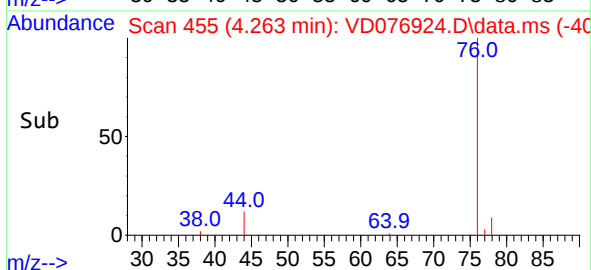
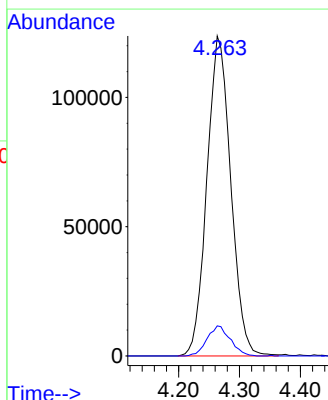
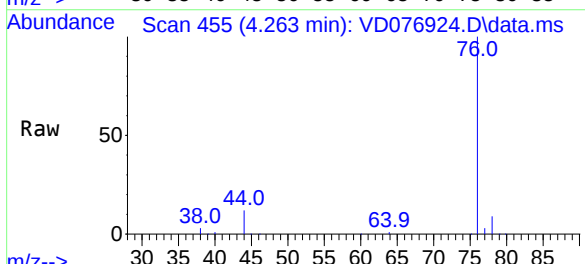
Acq: 04 Aug 2023 13:42

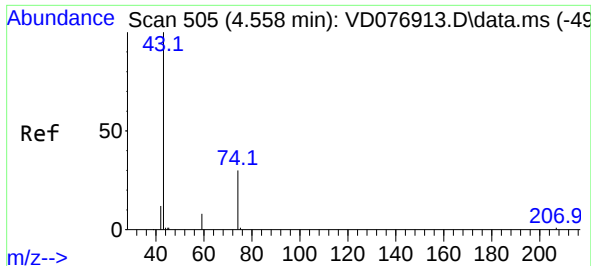
Tgt Ion: 76 Resp: 337136

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4

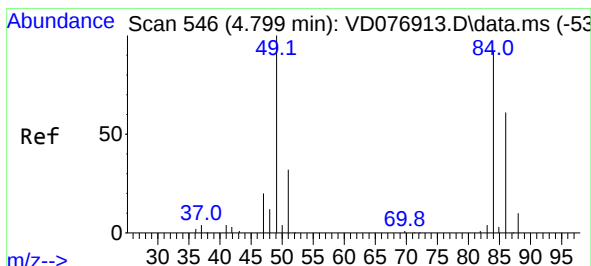
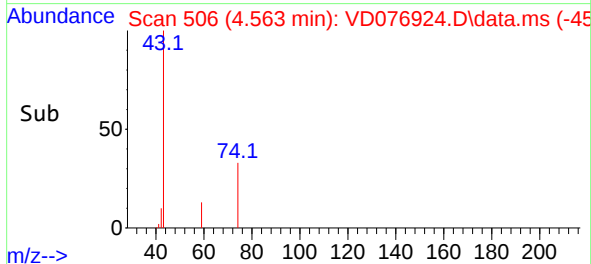
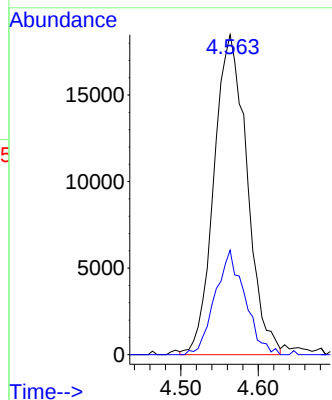
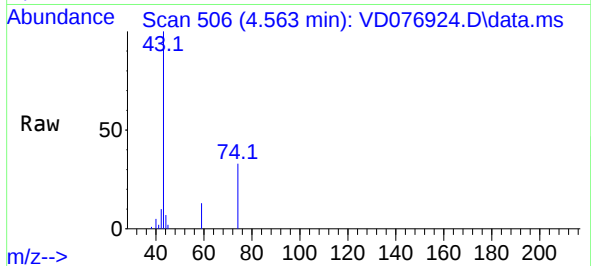




#15
Methyl Acetate
Concen: 27.383 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

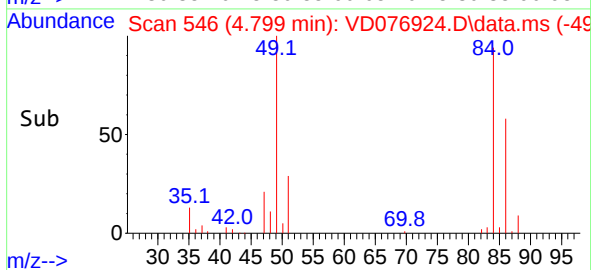
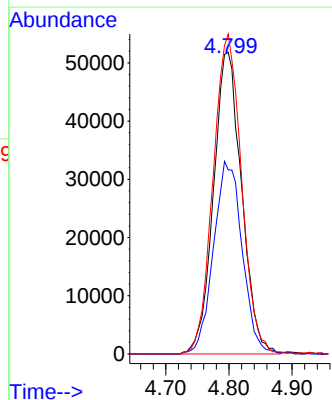
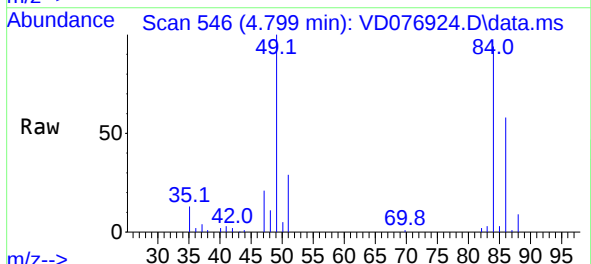
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

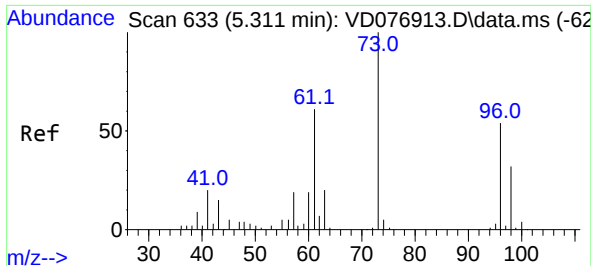
Tgt Ion: 43 Resp: 54779
Ion Ratio Lower Upper
43 100
74 27.3 18.2 27.2#



#16
Methylene chloride
Concen: 29.139 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 84 Resp: 160233
Ion Ratio Lower Upper
84 100
86 61.1 45.1 83.9
49 106.1 97.2 180.6

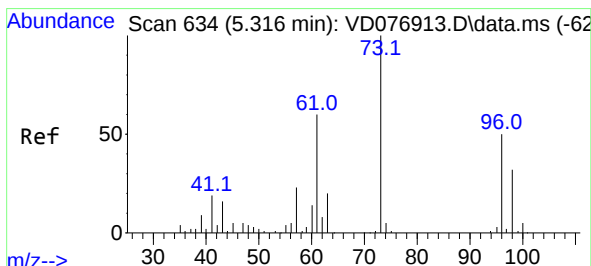
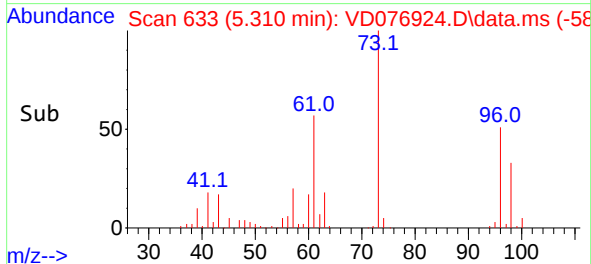
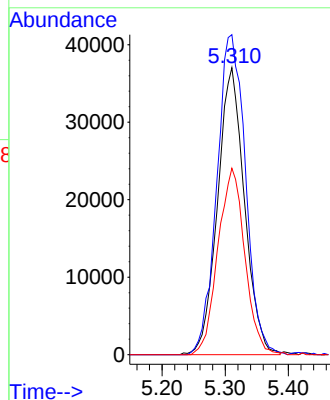
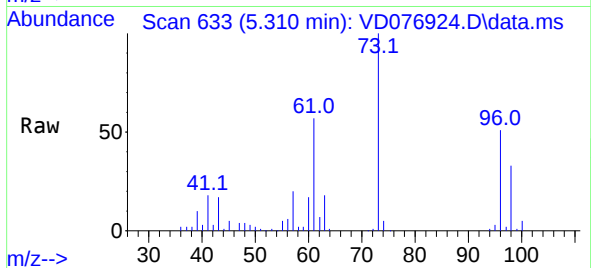




#17
trans-1,2-Dichloroethene
Concen: 25.113 ug/L
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

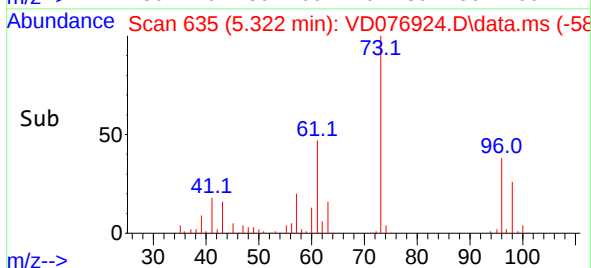
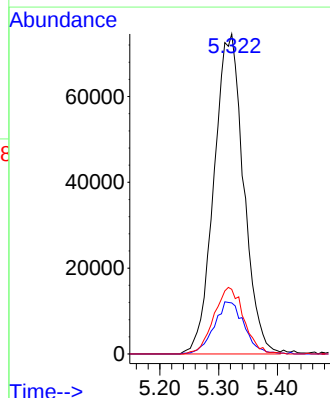
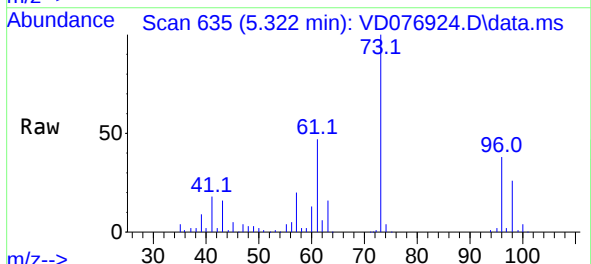
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

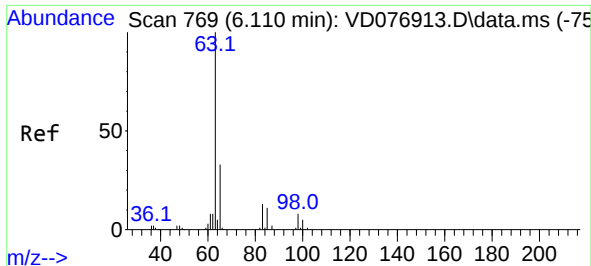
Tgt Ion: 96 Resp: 109657
Ion Ratio Lower Upper
96 100
61 111.5 94.5 175.5
98 64.9 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 27.070 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 73 Resp: 261136
Ion Ratio Lower Upper
73 100
43 16.6 7.2 10.8#
57 20.9 18.6 28.0

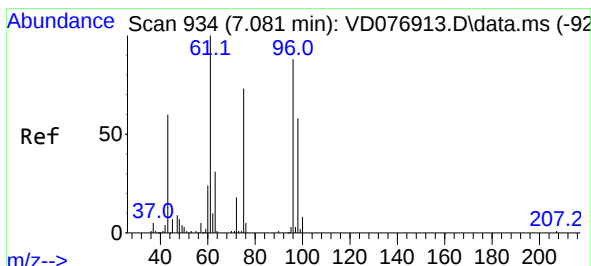
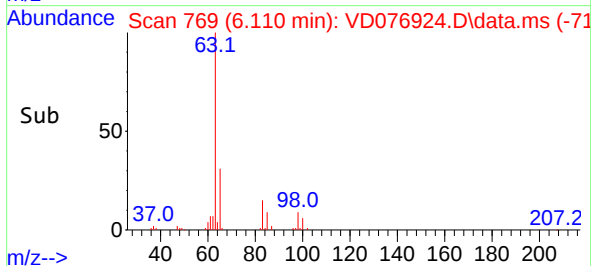
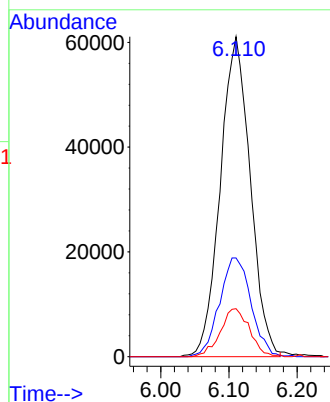
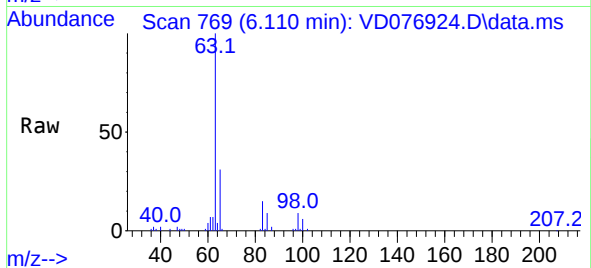




#19
1,1-Dichloroethane
Concen: 25.594 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

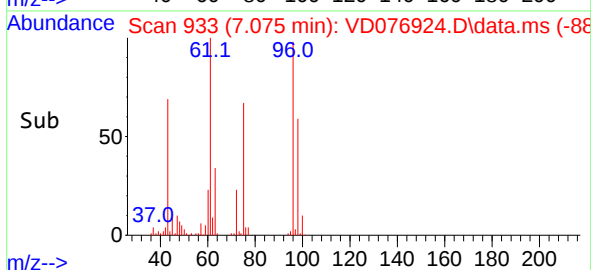
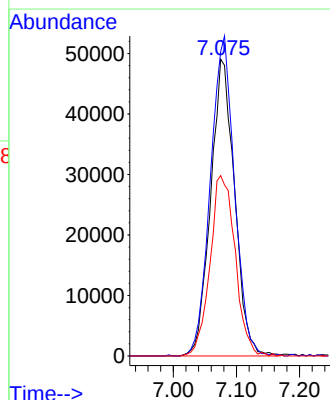
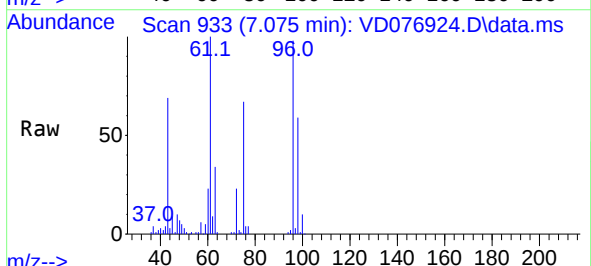
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

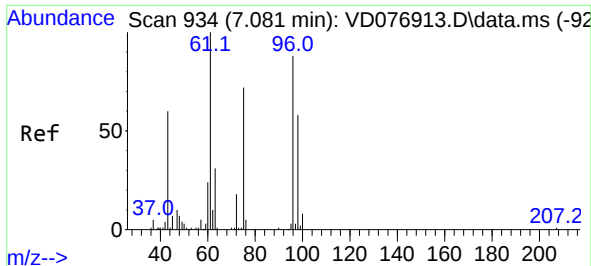
Tgt Ion: 63 Resp: 186601
Ion Ratio Lower Upper
63 100
65 30.9 20.8 38.6
83 15.0 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 26.509 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 96 Resp: 129216
Ion Ratio Lower Upper
96 100
61 102.6 86.0 159.6
98 60.8 42.2 78.4

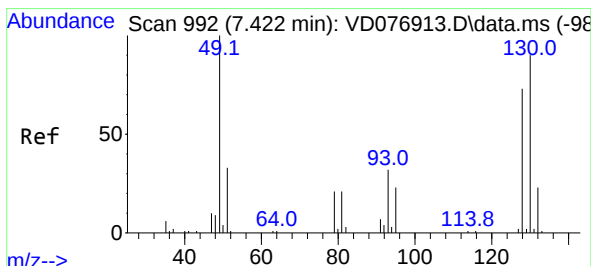
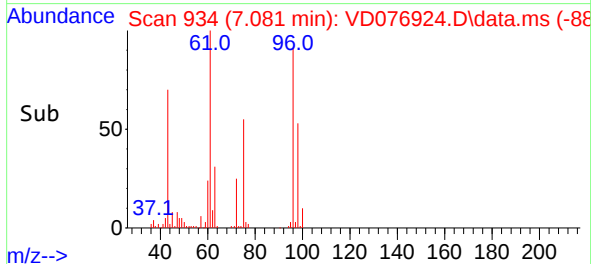
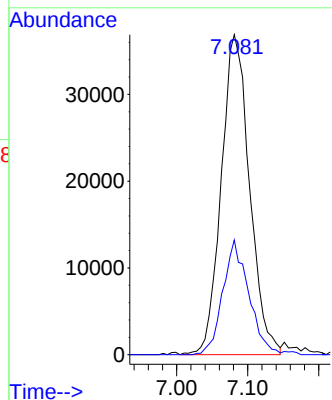
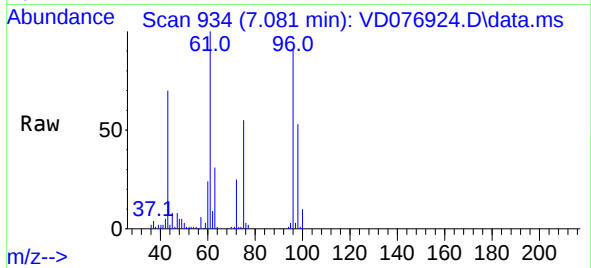




#22
2-Butanone
Concen: 61.671 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

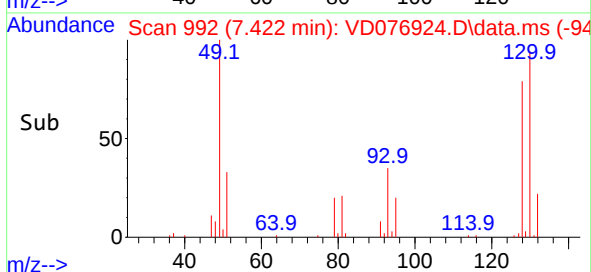
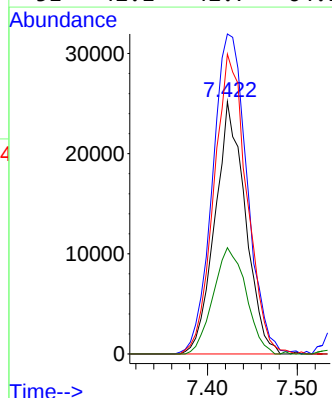
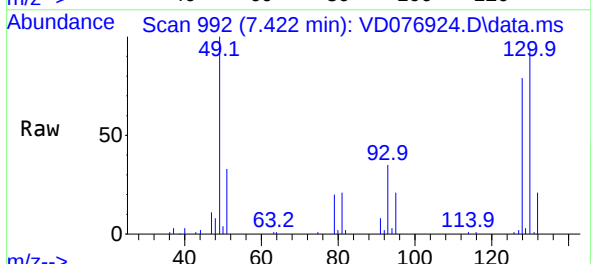
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

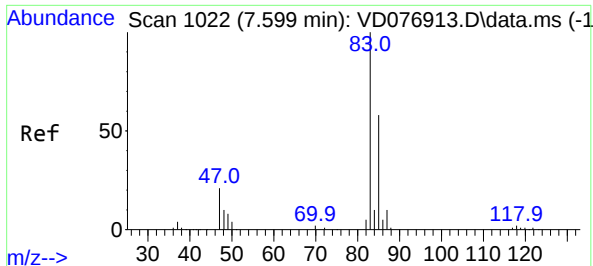
Tgt Ion: 43 Resp: 102125
Ion Ratio Lower Upper
43 100
72 32.8 12.9 38.7



#23
Bromochloromethane
Concen: 25.026 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion:128 Resp: 59169
Ion Ratio Lower Upper
128 100
49 126.9 124.7 231.7
130 118.9 80.0 148.6
51 42.1 42.7 64.1#





#25

Chloroform

Concen: 25.962 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD076924.D

Acq: 04 Aug 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

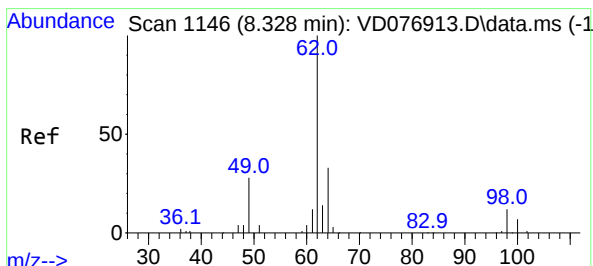
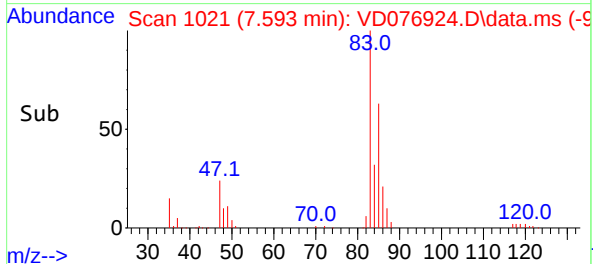
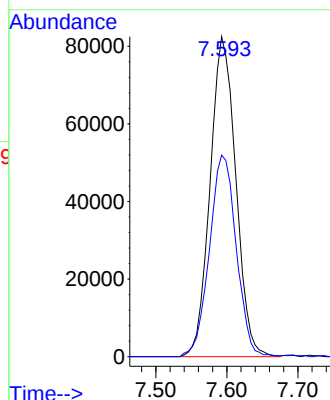
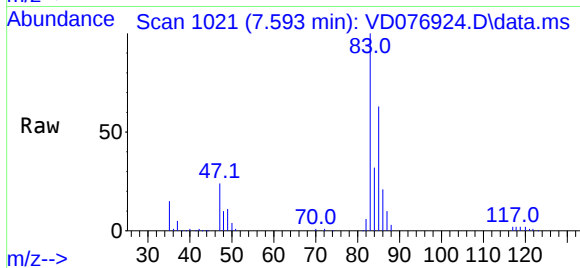
VSTD025176

Tgt Ion: 83 Resp: 207313

Ion Ratio Lower Upper

83 100

85 63.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 26.111 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD076924.D

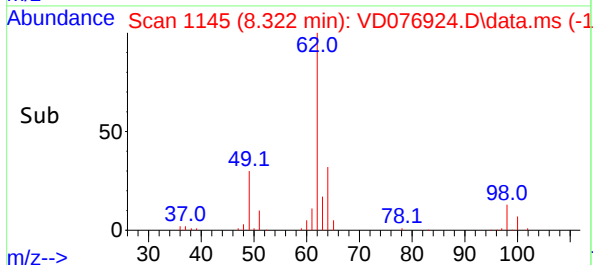
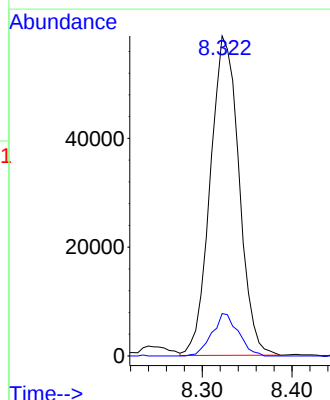
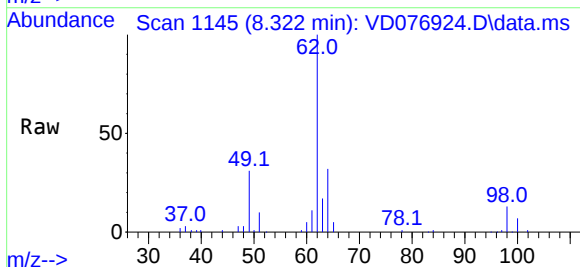
Acq: 04 Aug 2023 13:42

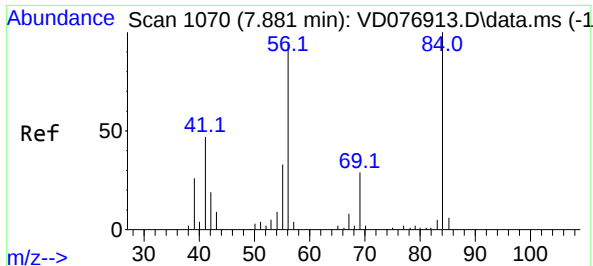
Tgt Ion: 62 Resp: 130675

Ion Ratio Lower Upper

62 100

98 13.3 8.7 13.1#





#29

Cyclohexane

Concen: 25.288 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD076924.D

Acq: 04 Aug 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTD025176

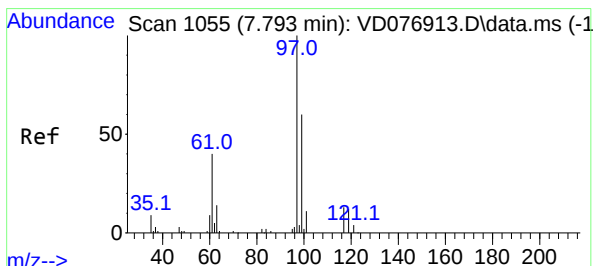
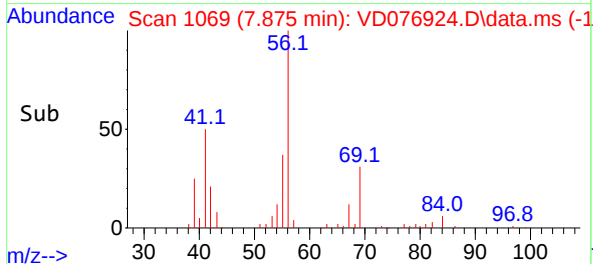
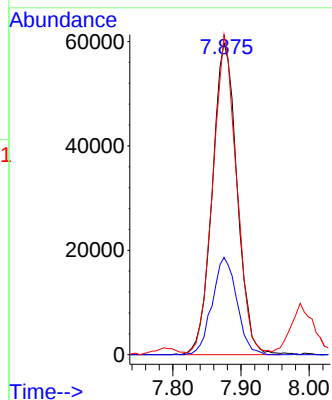
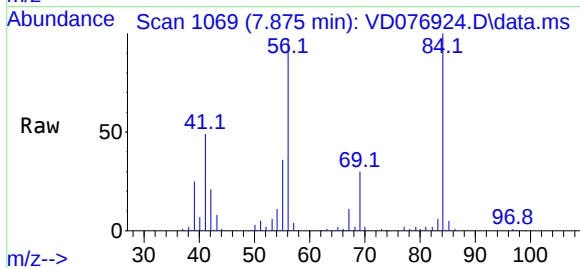
Tgt Ion: 56 Resp: 151016

Ion Ratio Lower Upper

56 100

69 31.0 23.4 35.0

84 97.1 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 25.081 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076924.D

Acq: 04 Aug 2023 13:42

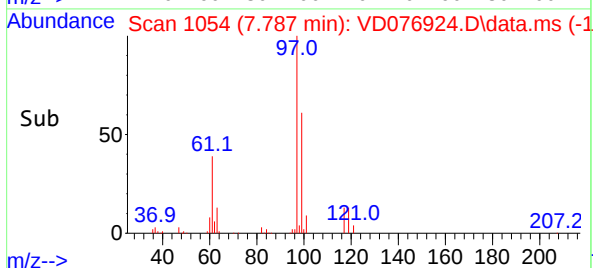
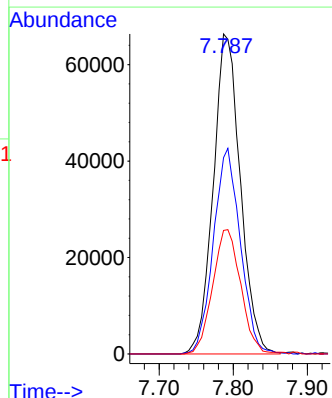
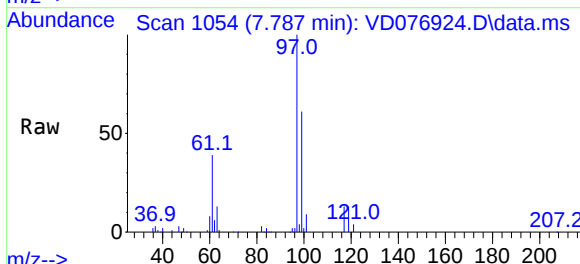
Tgt Ion: 97 Resp: 168589

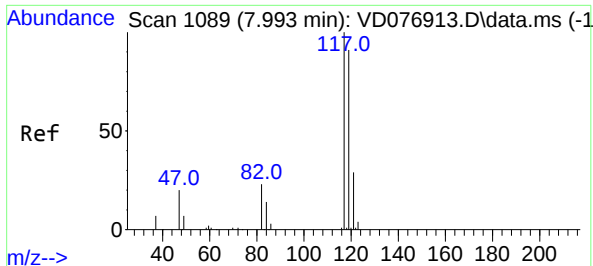
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 40.1 36.4 54.6

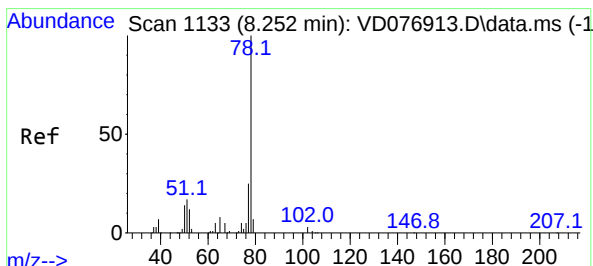
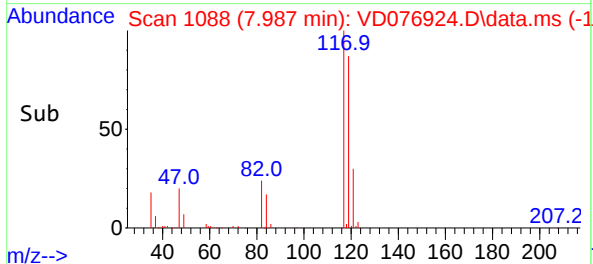
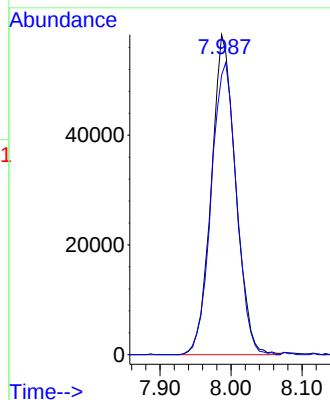
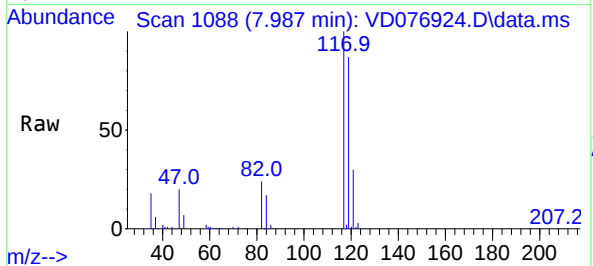




#31
Carbon tetrachloride
Concen: 25.216 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

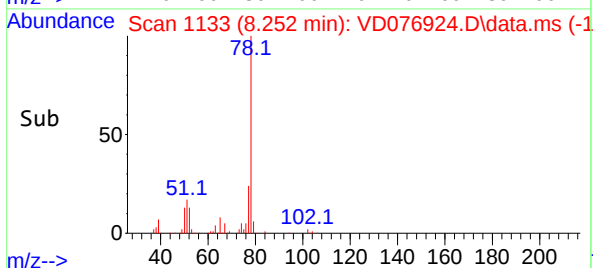
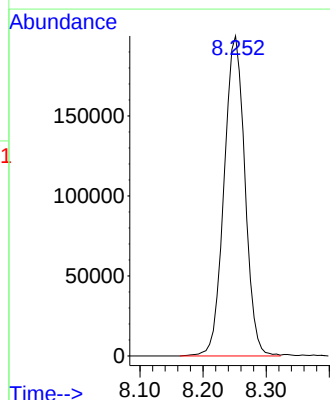
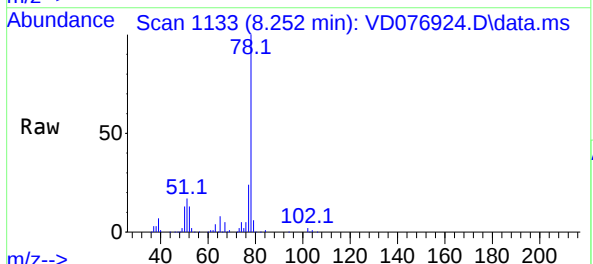
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

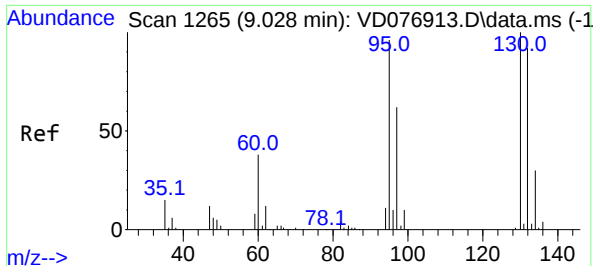
Tgt Ion:117 Resp: 138722
Ion Ratio Lower Upper
117 100
119 94.9 77.8 116.6



#33
Benzene
Concen: 25.784 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

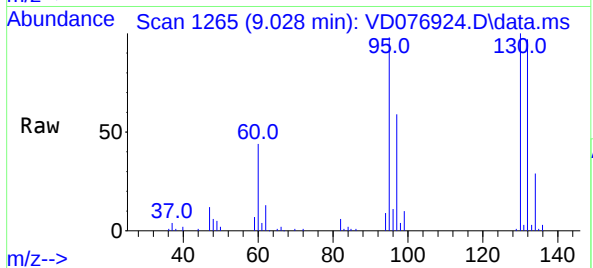
Tgt Ion: 78 Resp: 458491





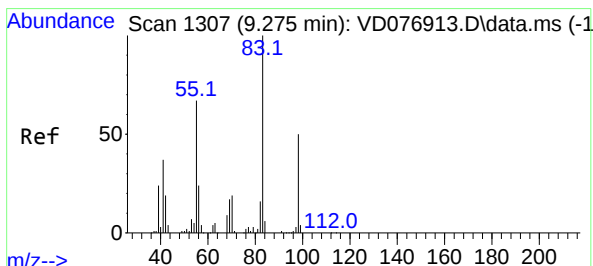
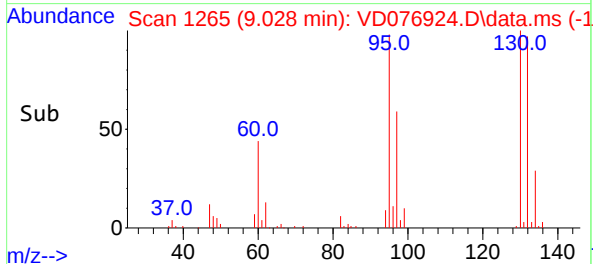
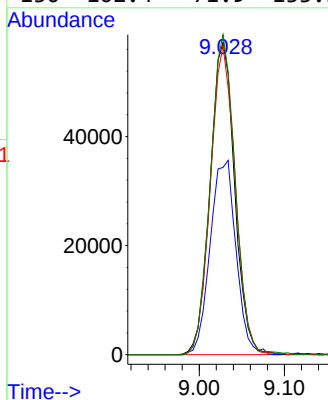
#34
Trichloroethene
Concen: 24.770 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VSTD025176



Tgt Ion: 95 Resp: 114704

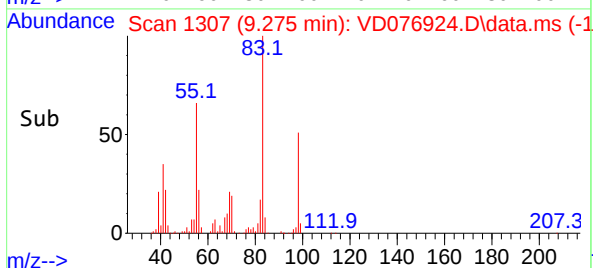
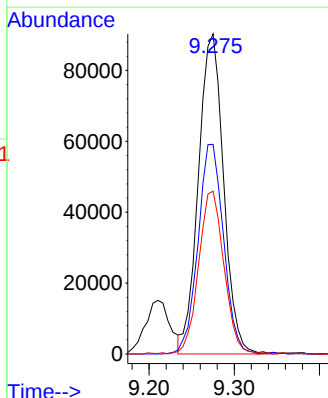
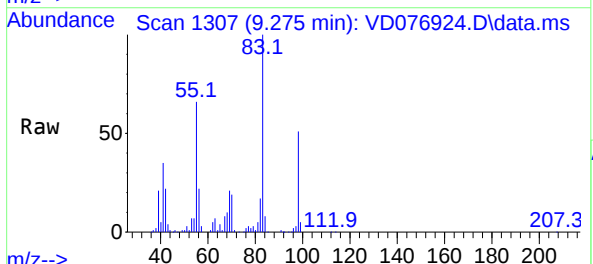
Ion	Ratio	Lower	Upper
95	100		
97	59.9	43.1	80.1
132	98.9	71.8	133.4
130	102.4	71.9	133.5

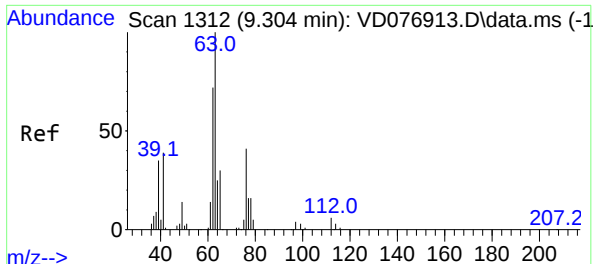


#35
Methylcyclohexane
Concen: 24.564 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 83 Resp: 185497

Ion	Ratio	Lower	Upper
83	100		
55	66.3	59.8	89.6
98	51.0	37.8	56.6

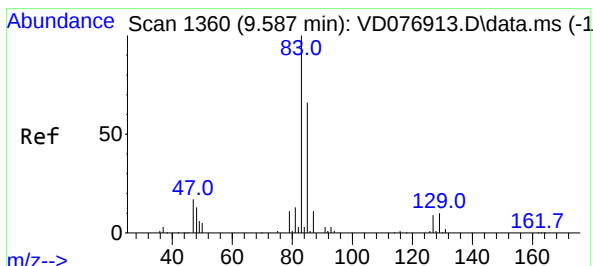
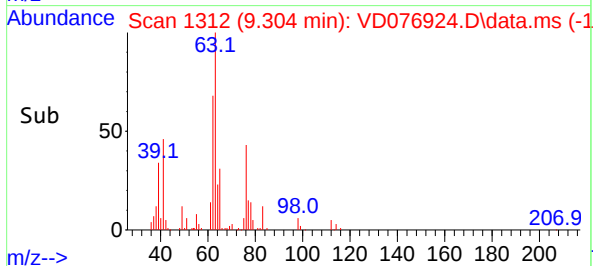
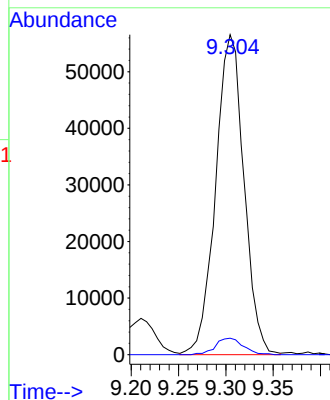
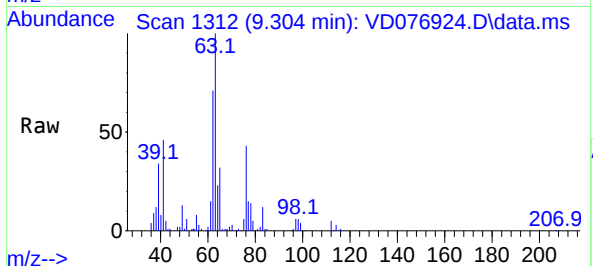




#37
1,2-Dichloropropane
Concen: 26.052 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

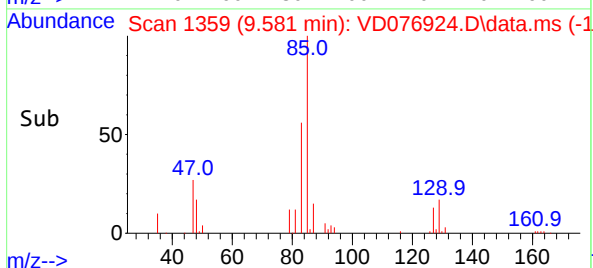
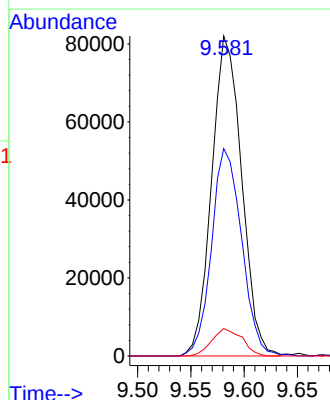
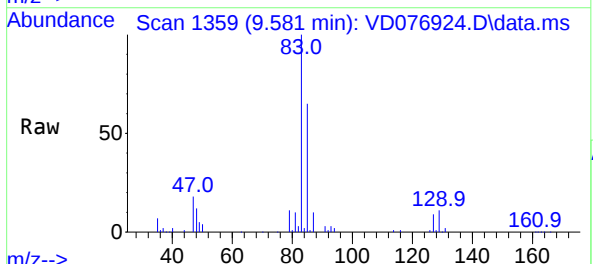
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

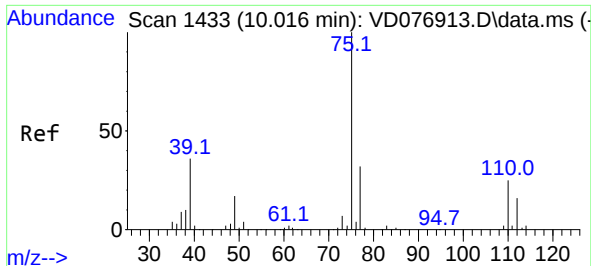
Tgt Ion: 63 Resp: 117681
Ion Ratio Lower Upper
63 100
112 5.0 3.1 4.7#



#38
Bromodichloromethane
Concen: 25.765 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 83 Resp: 160272
Ion Ratio Lower Upper
83 100
85 64.8 43.9 81.5
127 8.6 6.6 9.8

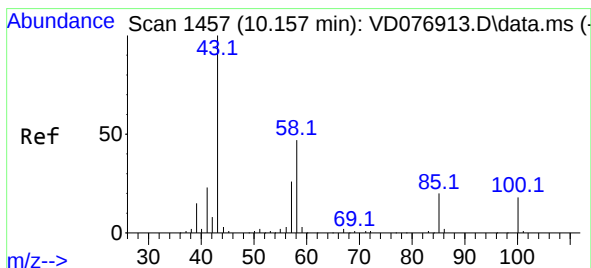
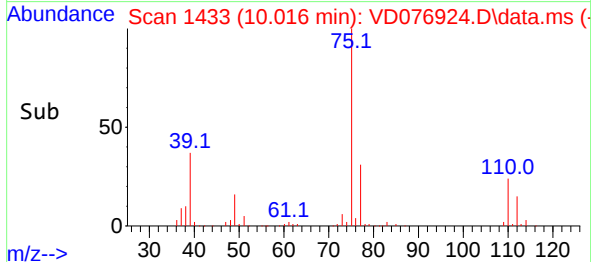
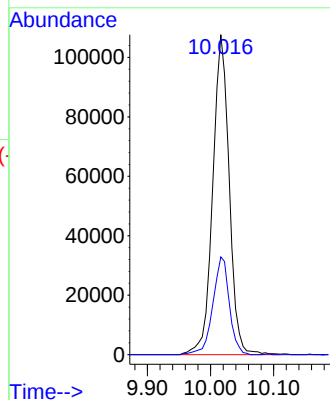
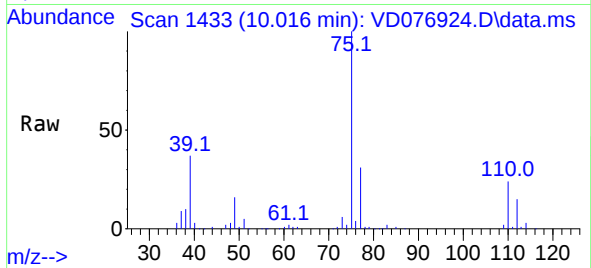




#39
cis-1,3-Dichloropropene
Concen: 26.773 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

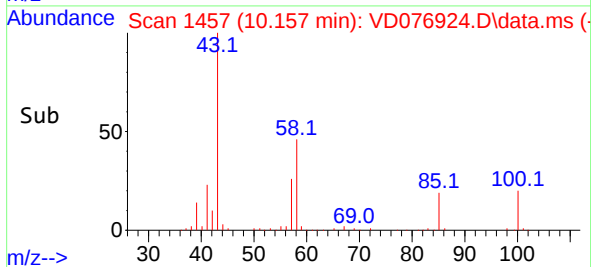
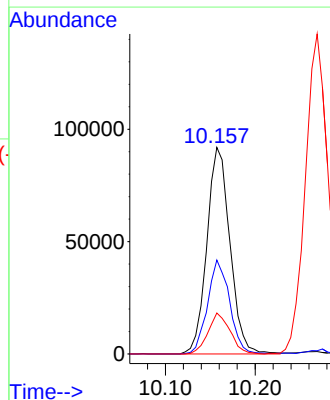
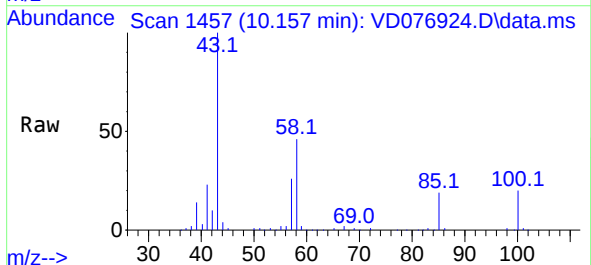
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

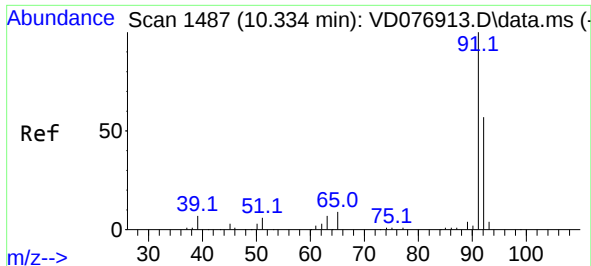
Tgt Ion: 75 Resp: 195181
Ion Ratio Lower Upper
75 100
77 30.5 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 57.805 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 43 Resp: 164515
Ion Ratio Lower Upper
43 100
58 43.5 30.7 46.1
100 19.0 11.0 16.4

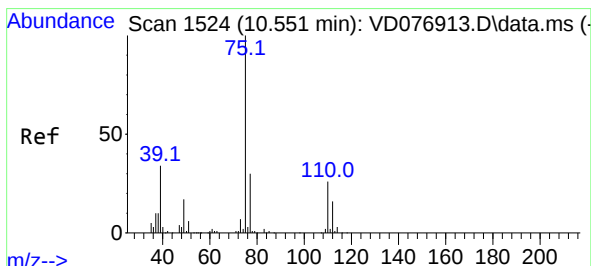
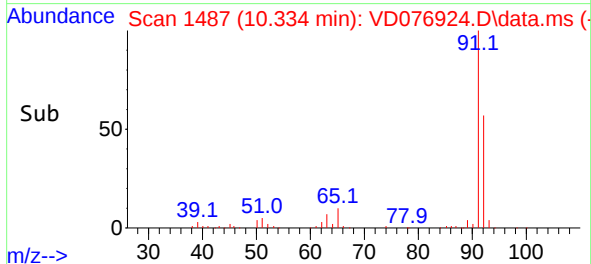
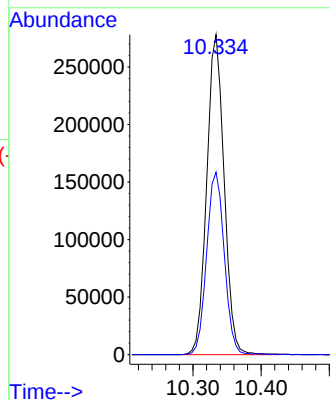
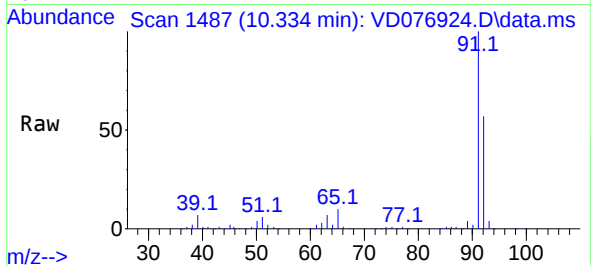




#42
Toluene
Concen: 25.550 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

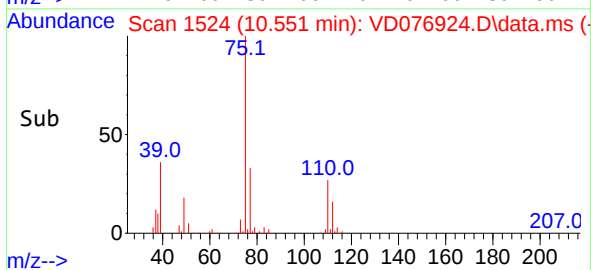
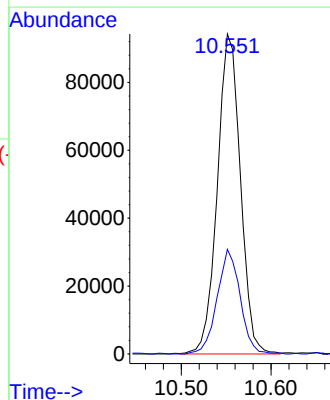
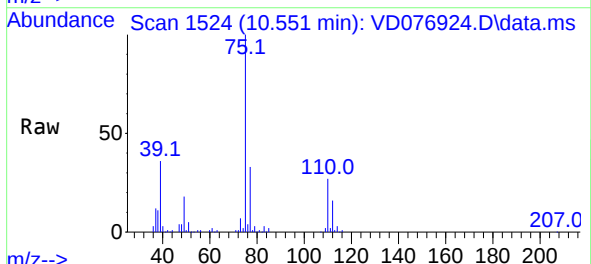
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

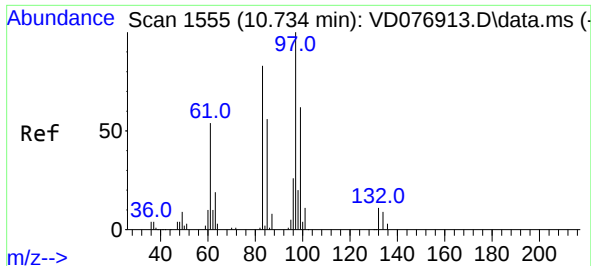
Tgt Ion: 91 Resp: 494030
Ion Ratio Lower Upper
91 100
92 57.0 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 26.395 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 75 Resp: 168174
Ion Ratio Lower Upper
75 100
77 32.7 22.5 41.7



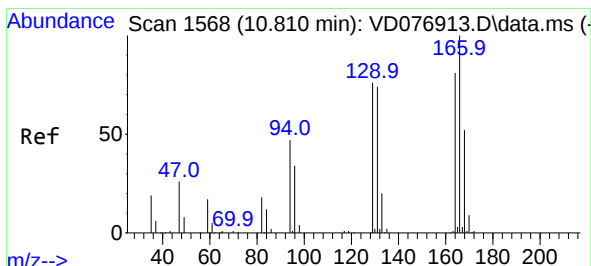
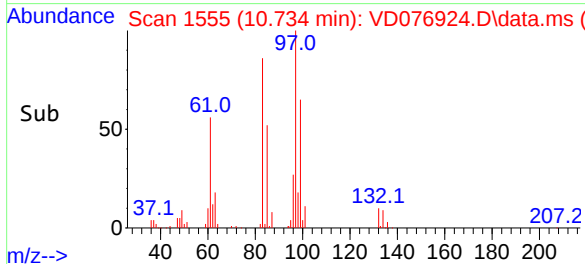
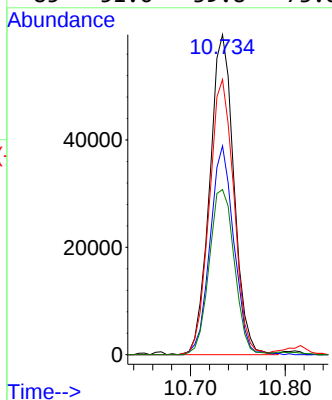
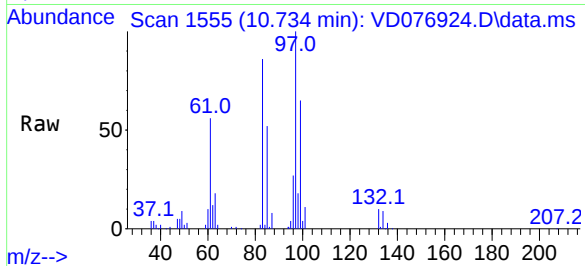


#45
1,1,2-Trichloroethane
Concen: 26.413 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

Tgt Ion: 97 Resp: 106034

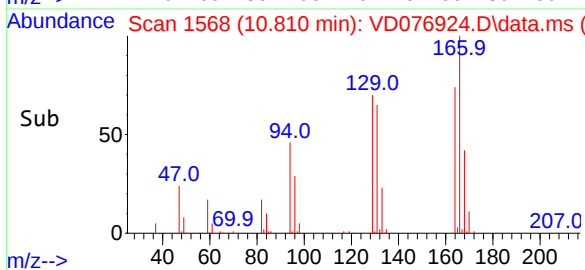
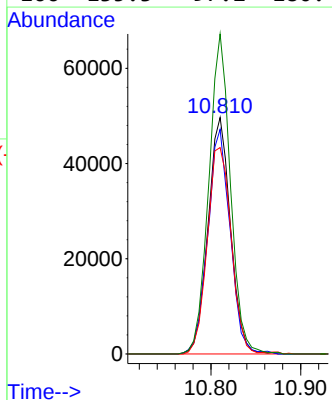
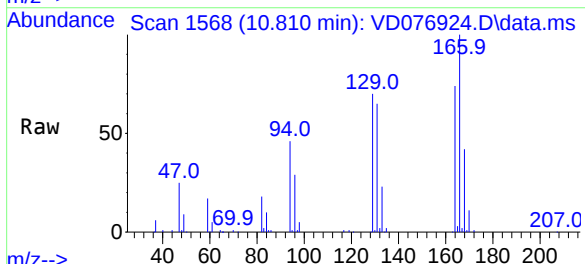
Ion	Ratio	Lower	Upper
97	100		
99	65.3	41.9	77.9
83	86.0	59.2	110.0
85	51.6	39.8	73.8

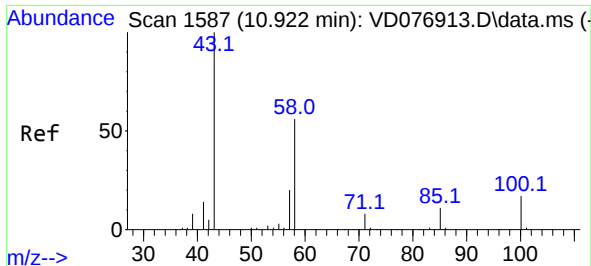


#46
Tetrachloroethene
Concen: 24.767 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 164 Resp: 86437

Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.5	121.6
131	87.3	64.8	120.3
166	135.3	97.2	180.4

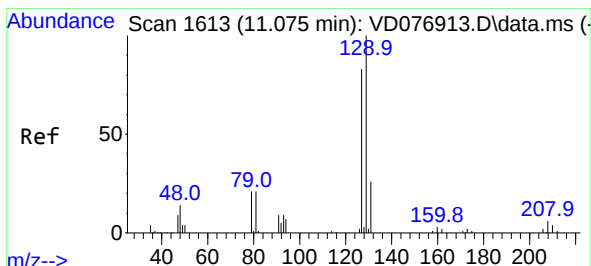
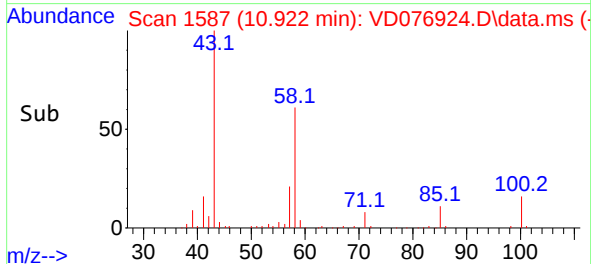
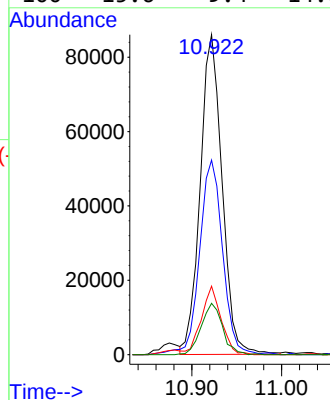
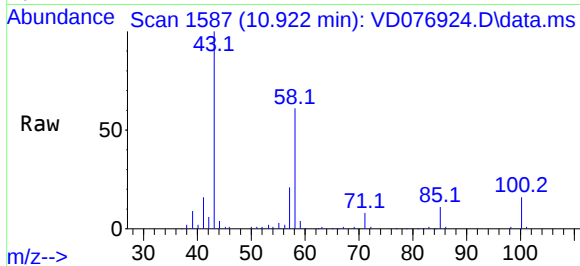




#48
2-Hexanone
Concen: 66.598 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

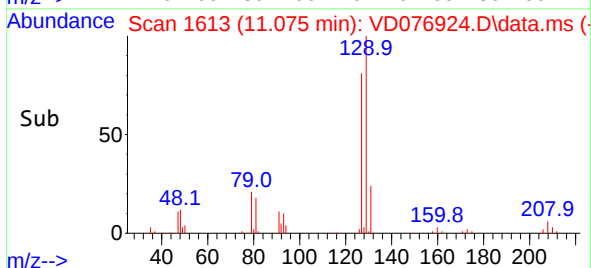
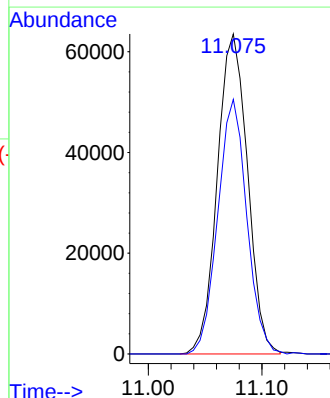
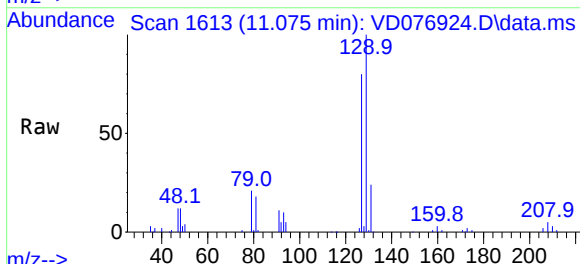
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

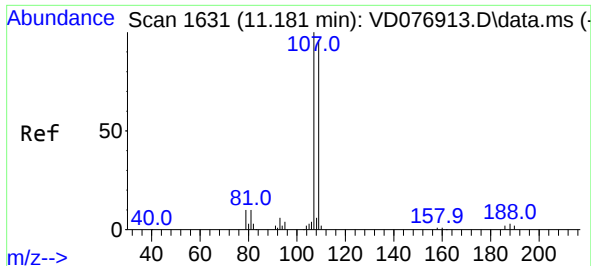
Tgt Ion: 43 Resp: 145763
Ion Ratio Lower Upper
43 100
58 63.9 42.9 64.3
57 19.2 13.7 20.5
100 15.6 9.4 14.0#



#49
Dibromochloromethane
Concen: 26.280 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 129 Resp: 117370
Ion Ratio Lower Upper
129 100
127 79.6 55.2 102.6

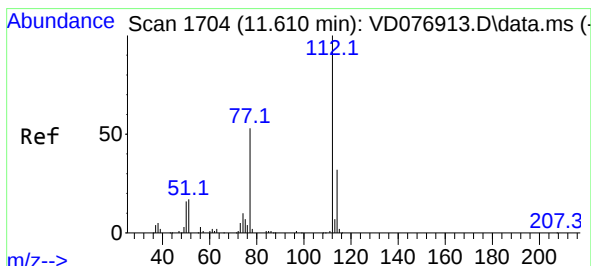
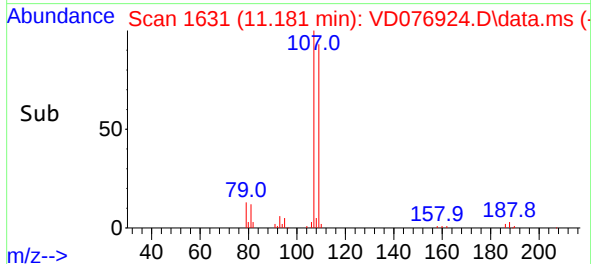
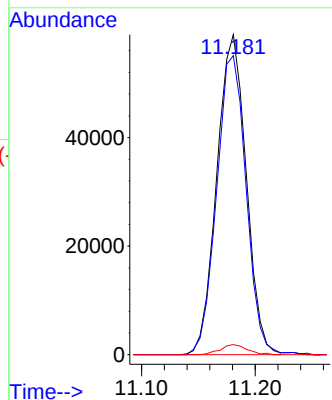
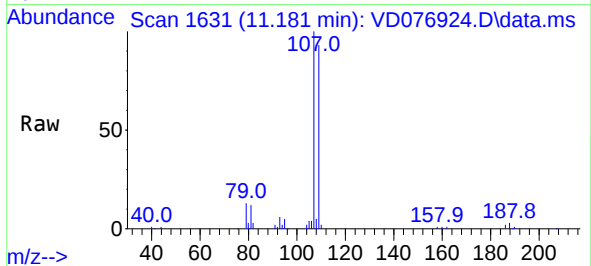




#50
1,2-Dibromoethane
Concen: 27.006 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

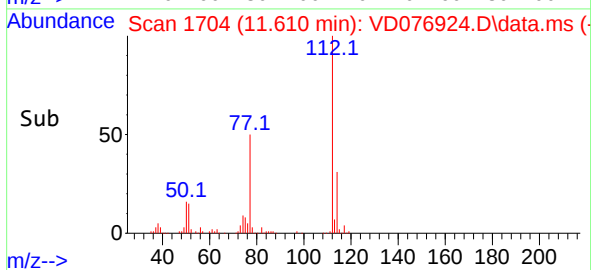
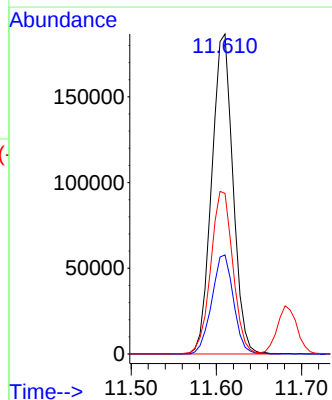
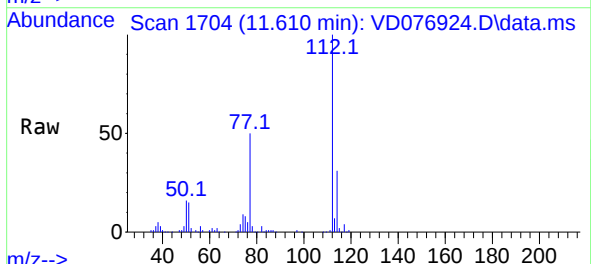
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

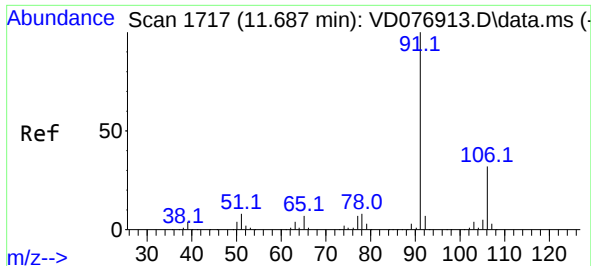
Tgt Ion:107 Resp: 105740
Ion Ratio Lower Upper
107 100
109 93.5 58.8 109.2
188 3.1 2.9 4.3



#51
Chlorobenzene
Concen: 25.589 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion:112 Resp: 322364
Ion Ratio Lower Upper
112 100
114 30.9 21.5 39.9
77 50.2 43.4 65.2

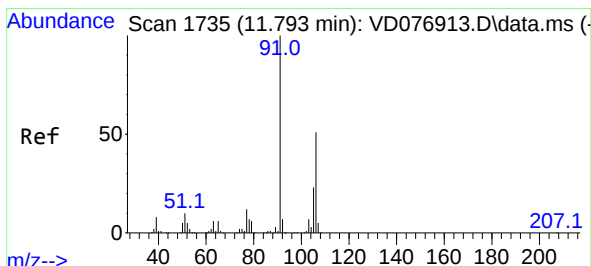
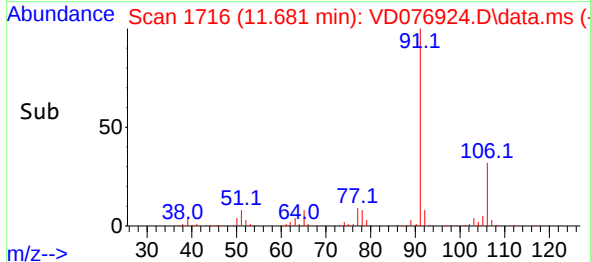
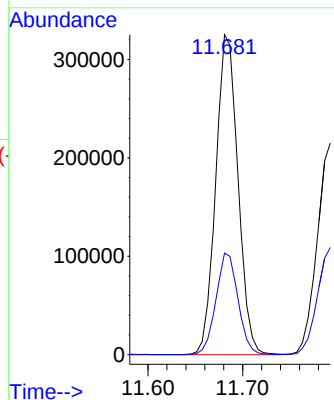
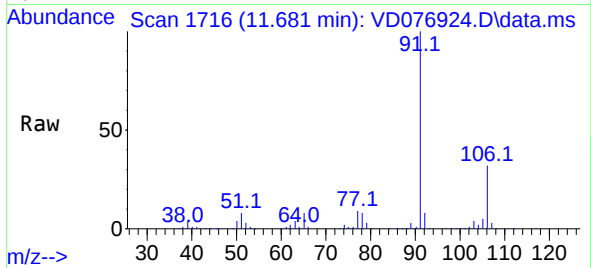




#52
Ethylbenzene
Concen: 25.823 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

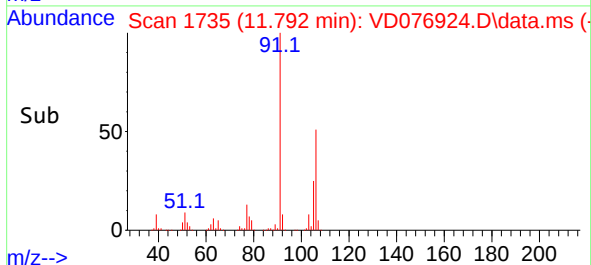
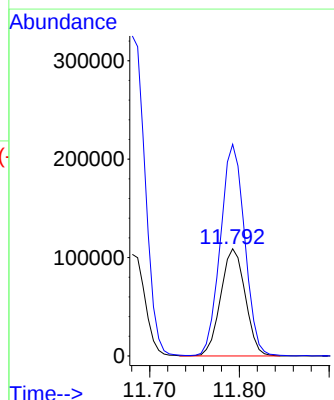
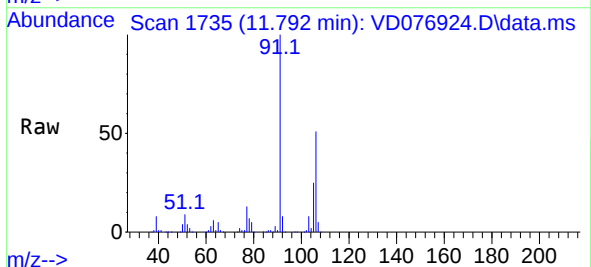
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

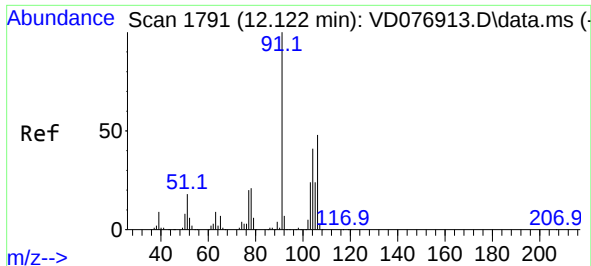
Tgt Ion: 91 Resp: 532065
Ion Ratio Lower Upper
91 100
106 31.7 22.4 41.6



#53
m,p-Xylene
Concen: 26.014 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 106 Resp: 206816
Ion Ratio Lower Upper
106 100
91 197.4 141.5 262.9

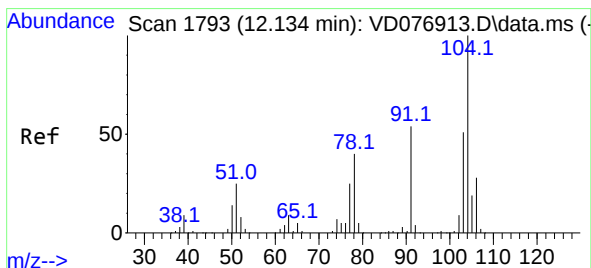
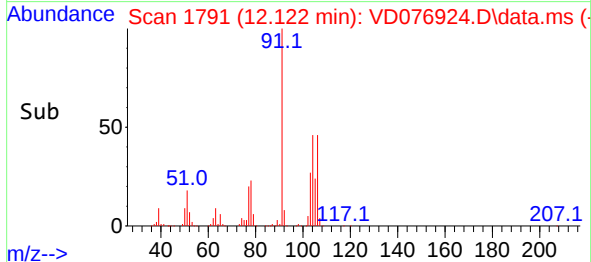
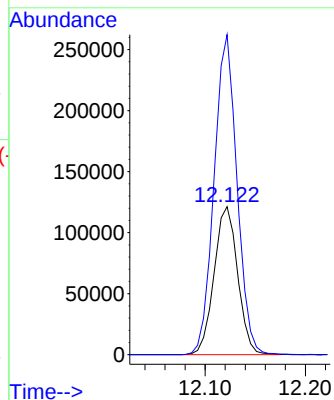
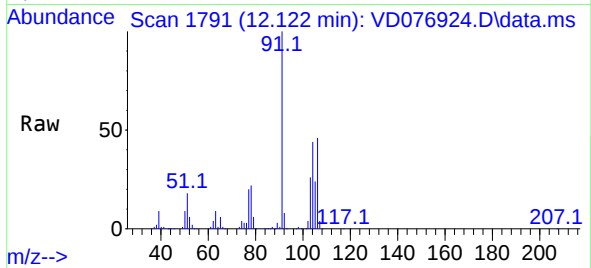




#54
o-Xylene
Concen: 25.899 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

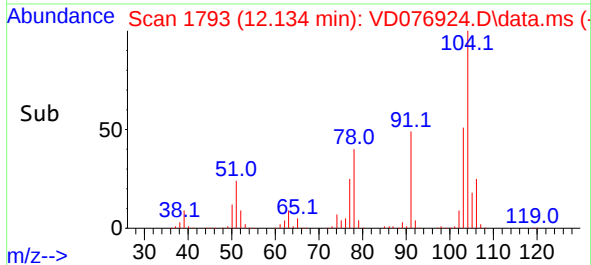
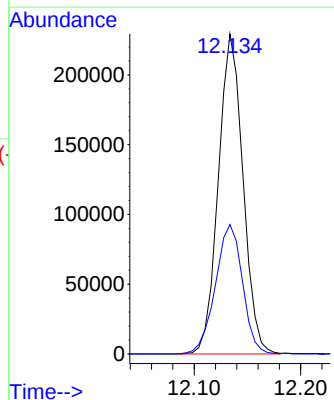
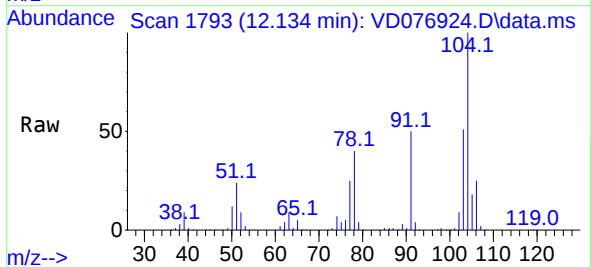
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

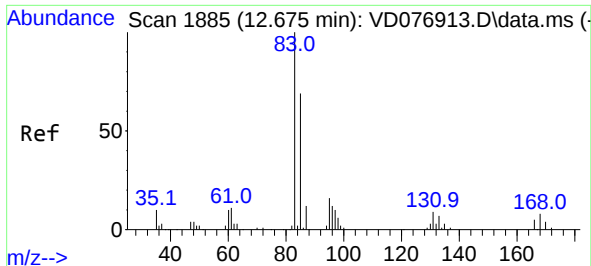
Tgt Ion:106 Resp: 198030
Ion Ratio Lower Upper
106 100
91 216.1 142.2 264.2



#55
Styrene
Concen: 26.608 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion:104 Resp: 367857
Ion Ratio Lower Upper
104 100
78 40.4 31.3 58.1

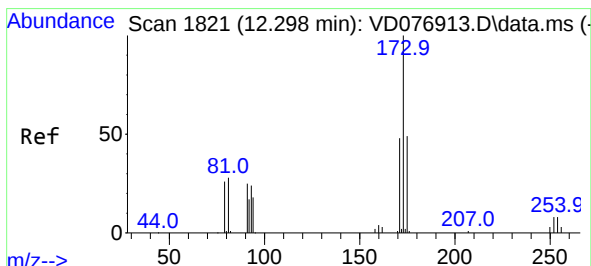
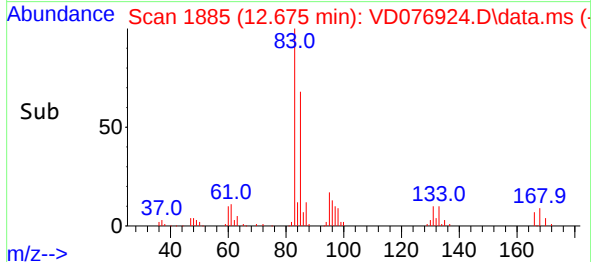
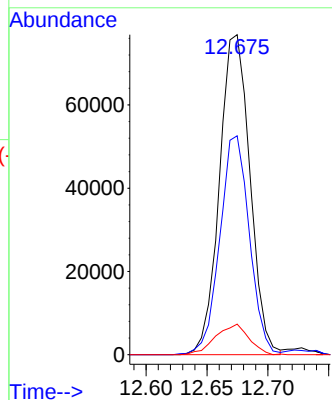
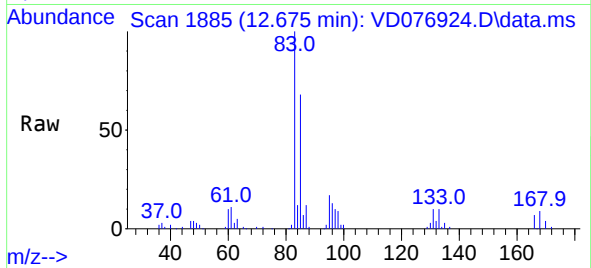




#57
1,1,2,2-Tetrachloroethane
Concen: 27.012 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

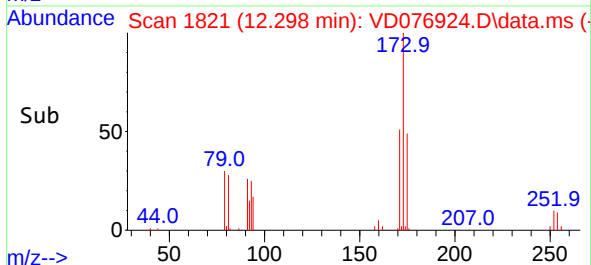
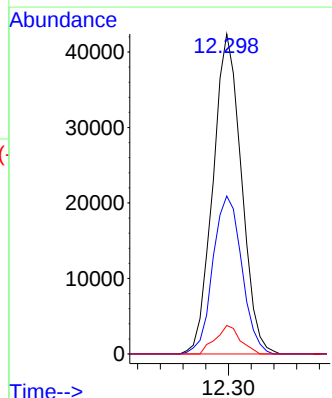
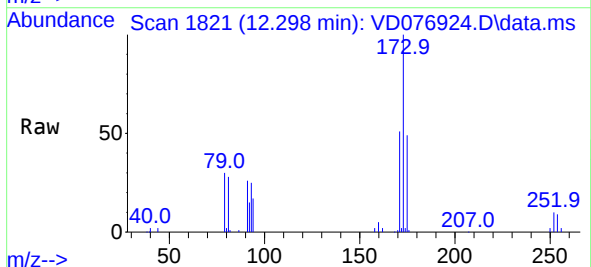
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

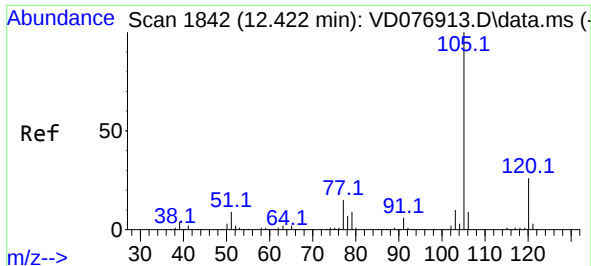
Tgt Ion: 83 Resp: 134120
Ion Ratio Lower Upper
83 100
85 68.4 46.3 86.1
131 9.6 7.0 10.4



#59
Bromoform
Concen: 26.451 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 173 Resp: 73682
Ion Ratio Lower Upper
173 100
175 50.1 39.0 58.4
254 7.7 5.3 7.9

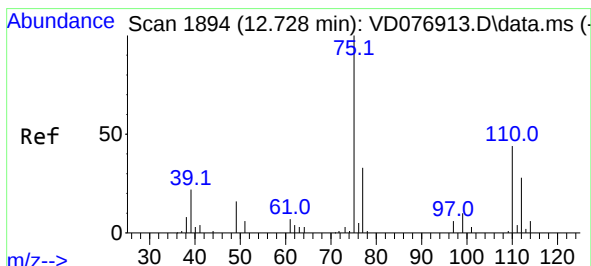
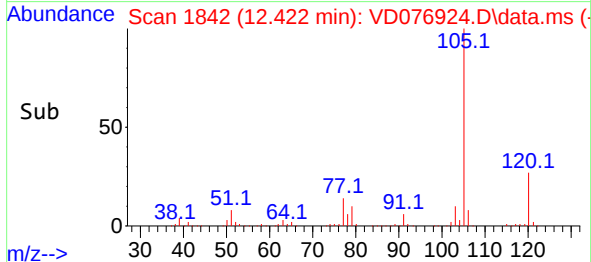
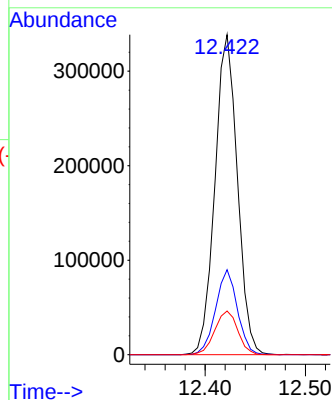
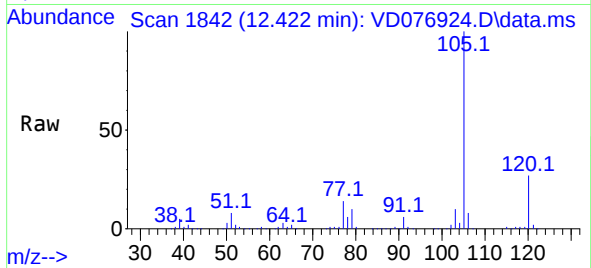




#60
Isopropylbenzene
Concen: 26.069 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

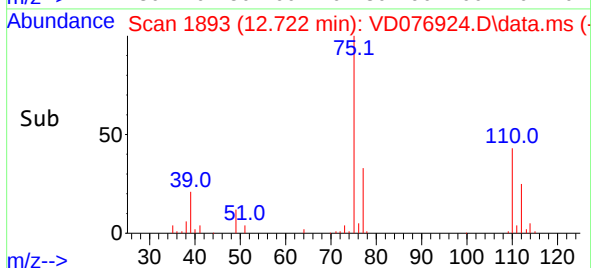
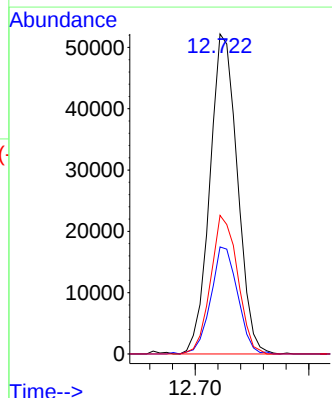
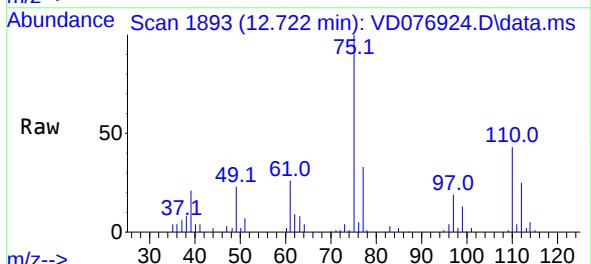
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

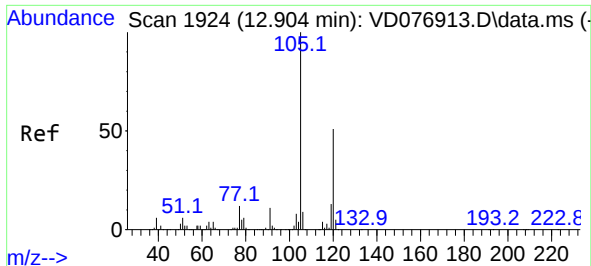
Tgt Ion:105 Resp: 526603
Ion Ratio Lower Upper
105 100
120 25.8 21.3 31.9
77 14.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 26.806 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 75 Resp: 87873
Ion Ratio Lower Upper
75 100
77 32.5 27.2 40.8
110 42.3 31.8 47.6

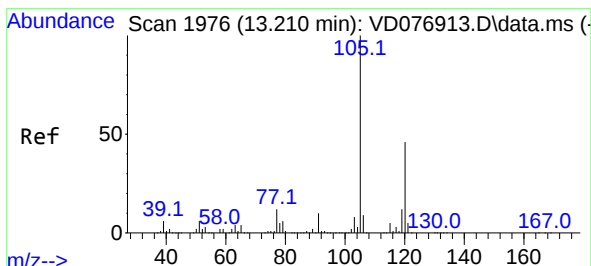
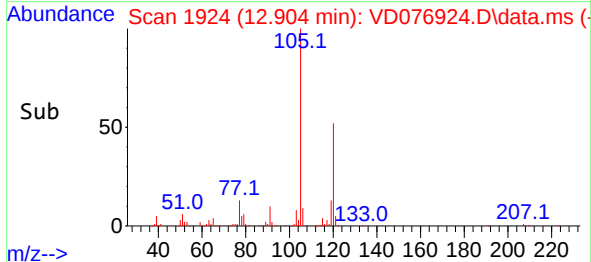
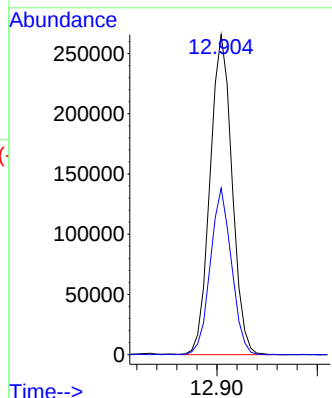
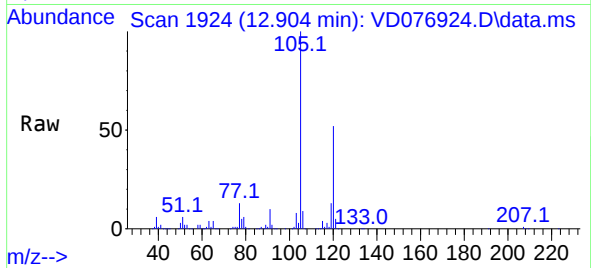




#62
1,3,5-Trimethylbenzene
Concen: 26.256 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

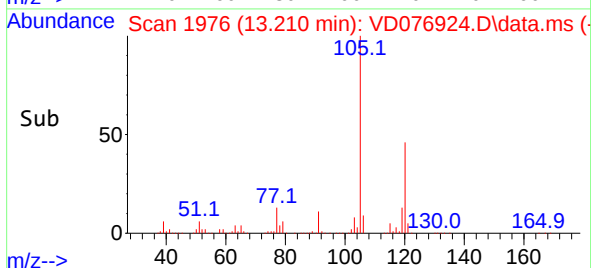
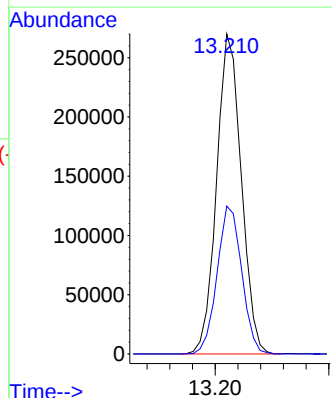
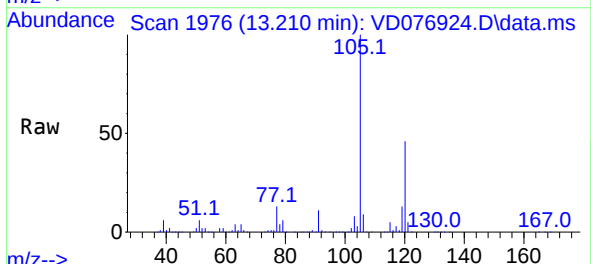
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

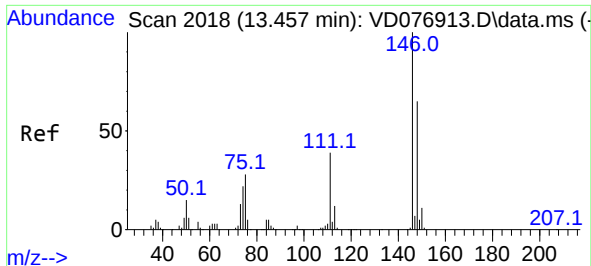
Tgt Ion:105 Resp: 404047
Ion Ratio Lower Upper
105 100
120 50.1 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 26.637 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion:105 Resp: 407930
Ion Ratio Lower Upper
105 100
120 46.1 37.5 56.3

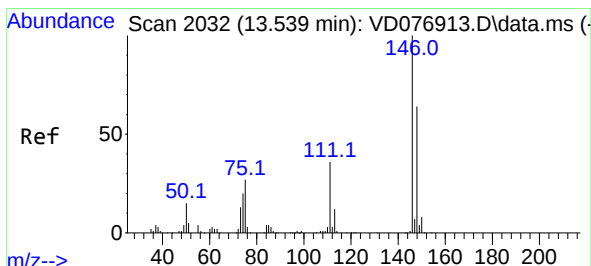
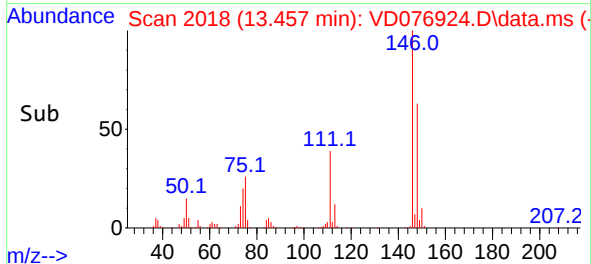
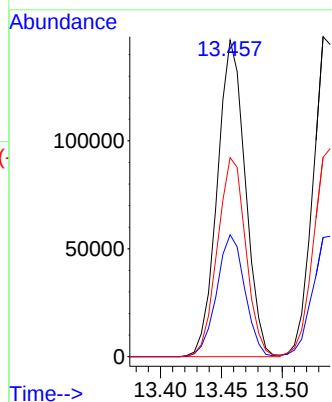
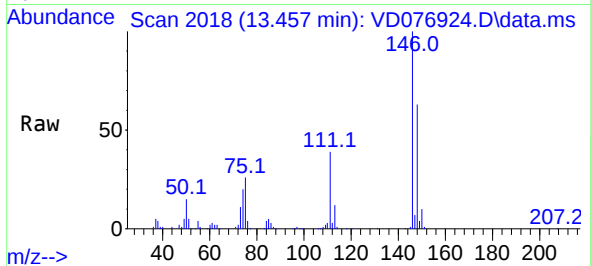




#64
1,3-Dichlorobenzene
Concen: 25.433 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

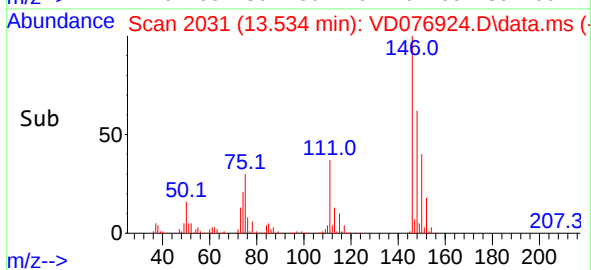
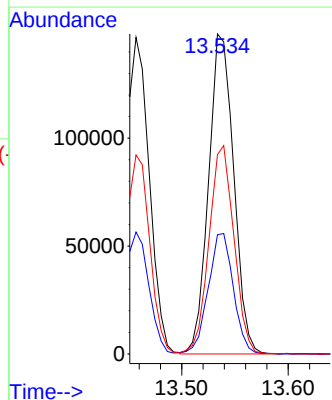
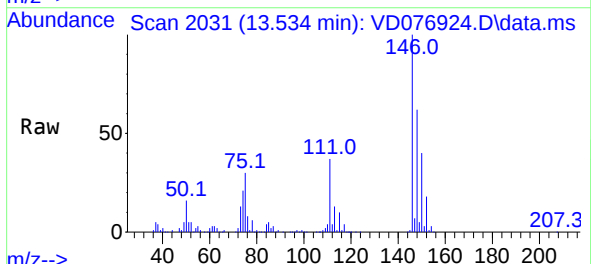
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

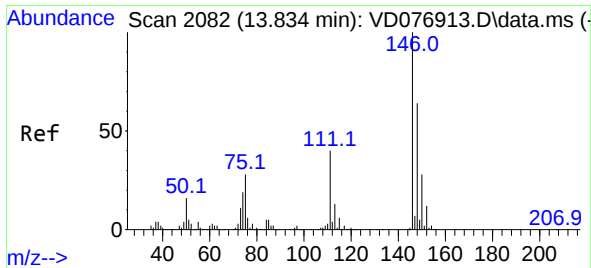
Tgt Ion:146 Resp: 234469
Ion Ratio Lower Upper
146 100
111 38.6 25.6 47.4
148 62.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 25.510 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion:146 Resp: 243092
Ion Ratio Lower Upper
146 100
111 37.3 25.7 47.7
148 62.3 45.4 84.2

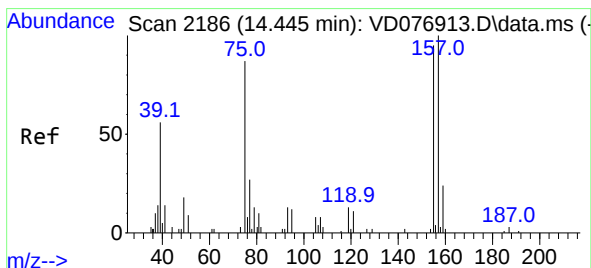
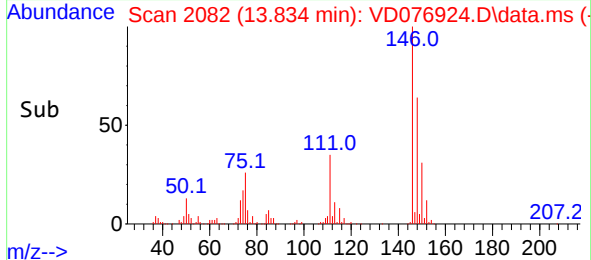
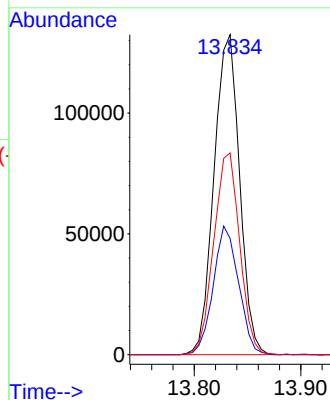
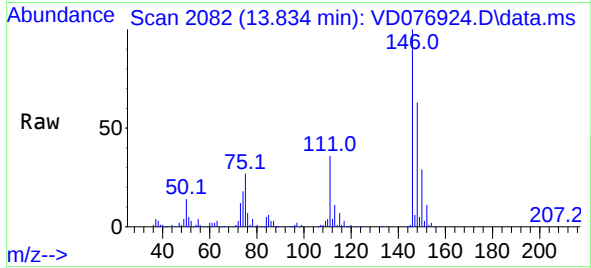




#67
1,2-Dichlorobenzene
Concen: 25.530 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

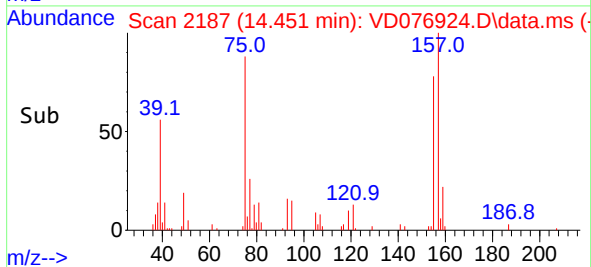
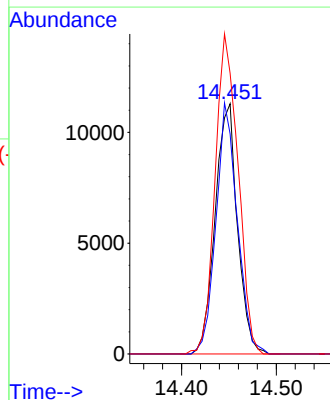
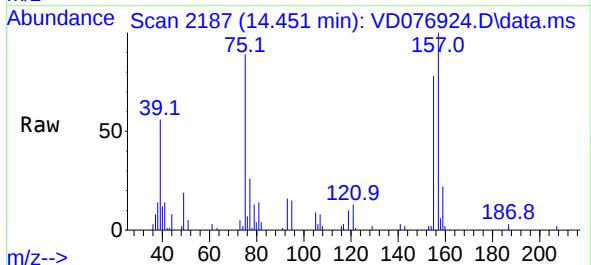
Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

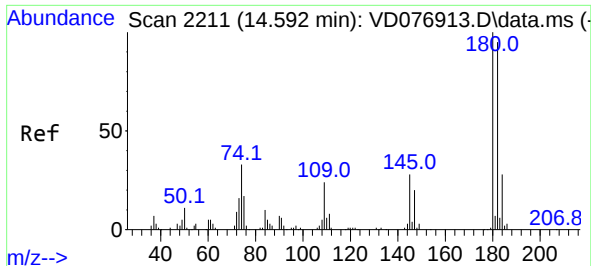
Tgt Ion:146 Resp: 220640
Ion Ratio Lower Upper
146 100
111 36.3 31.3 46.9
148 63.0 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.607 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion: 75 Resp: 18483
Ion Ratio Lower Upper
75 100
155 87.9 76.2 114.4
157 112.1 89.4 134.2



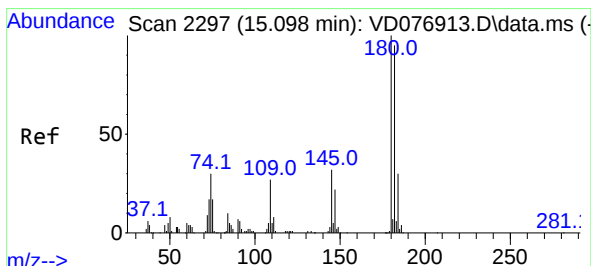
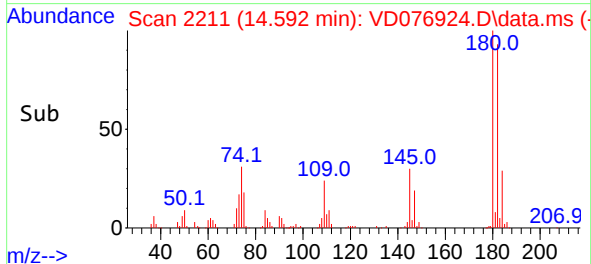
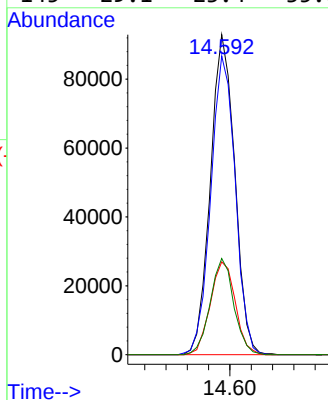
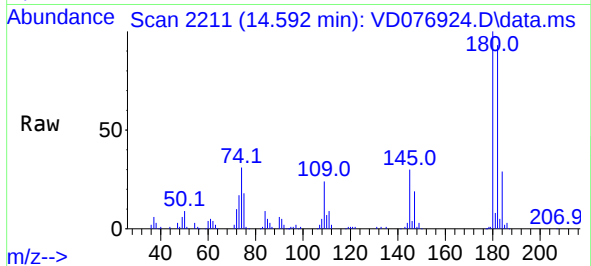


#69
1,3,5-Trichlorobenzene
Concen: 25.548 ug/L
RT: 14.592 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

Tgt Ion:180 Resp: 147389

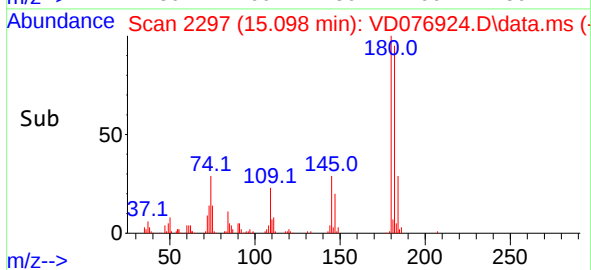
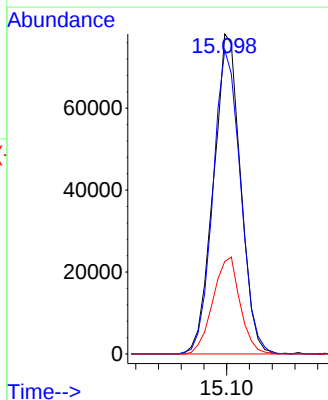
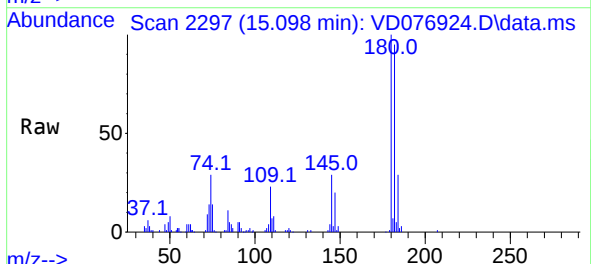
Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.1	115.7
184	29.8	25.0	37.4
145	29.1	23.4	35.0

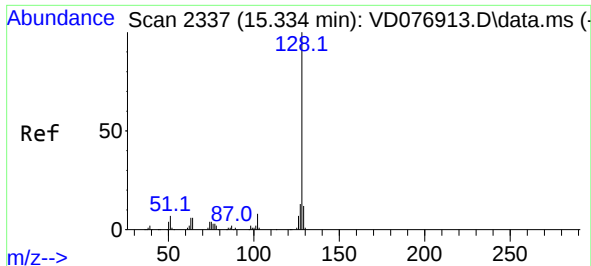


#70
1,2,4-trichlorobenzene
Concen: 25.527 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion:180 Resp: 129549

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.9	115.3
145	30.3	23.5	35.3

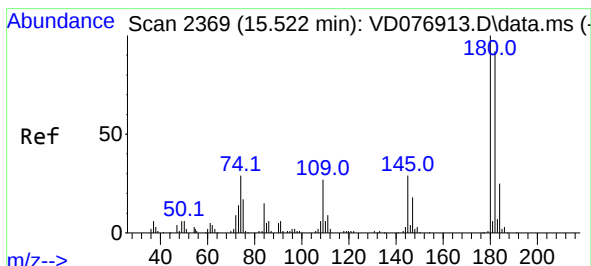
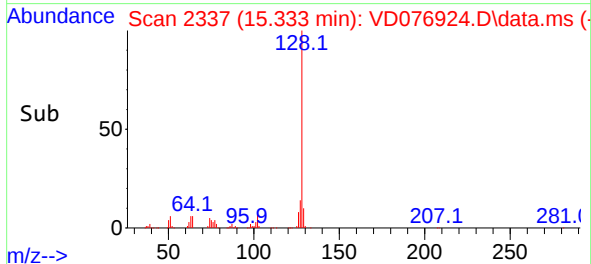
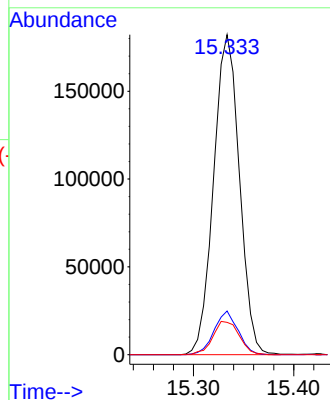
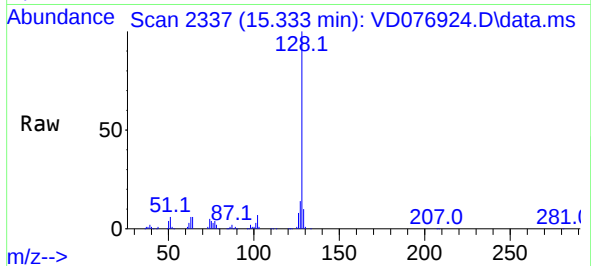




#71
Naphthalene
Concen: 27.306 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VSTD025176

Tgt Ion:128 Resp: 325833
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.166 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076924.D
Acq: 04 Aug 2023 13:42

Tgt Ion:180 Resp: 120423
Ion Ratio Lower Upper
180 100
182 95.2 74.3 111.5
145 32.0 25.0 37.6

