

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030914.D
 Acq On : 28 Apr 2023 12:02
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010236

Quant Time: Apr 29 00:39:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:37:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	136574	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	134916	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	80958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	120550	10.713	ug/L	0.00
7) Chloroethane-d5	1.536	69	101678	11.077	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	63874	10.726	ug/L	0.00
20) 2-Butanone-d5	3.822	46	237200	119.117	ug/L	-0.02
24) Chloroform-d	4.259	84	243698	10.898	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	126130	11.094	ug/L	0.00
32) Benzene-d6	4.970	84	449630	11.369	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	124067	10.789	ug/L	0.00
41) Toluene-d8	7.249	98	441842	11.733	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	49471	11.477	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	180960	123.670	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	89853	10.780	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	165428	10.962	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	108018	10.011	ug/L	100
3) Chloromethane	1.217	50	118195	9.335	ug/L	100
5) Vinyl chloride	1.285	62	111068	10.481	ug/L	99
6) Bromomethane	1.491	94	46397	9.192	ug/L	95
8) Chloroethane	1.555	64	63542	9.851	ug/L	99
9) Trichlorofluoromethane	1.719	101	195144	9.981	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	100092	10.029	ug/L	99
12) 1,1-Dichloroethene	2.073	96	90661	9.864	ug/L	90
13) Acetone	2.153	43	166131	97.460	ug/L	83
14) Carbon disulfide	2.246	76	239136	9.944	ug/L	98
15) Methyl Acetate	2.394	43	30624	8.850	ug/L #	87
16) Methylene chloride	2.455	84	87581	8.423	ug/L	92
17) Methyl tert-butyl Ether	2.712	73	182899	10.453	ug/L	98
18) trans-1,2-Dichloroethene	2.700	96	84163	10.025	ug/L	99
19) 1,1-Dichloroethane	3.118	63	162515	10.025	ug/L	98
21) 2-Butanone	3.902	43	198127	105.313	ug/L	91
22) cis-1,2-Dichloroethene	3.825	96	90237	10.187	ug/L	97
23) Bromochloromethane	4.159	128	40610	9.737	ug/L	96
25) Chloroform	4.285	83	177479	10.204	ug/L	99
27) 1,2-Dichloroethane	5.053	62	117199	10.736	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	167889	9.903	ug/L	100
30) Cyclohexane	4.593	56	132723	10.365	ug/L	98
31) Carbon tetrachloride	4.744	117	153730	10.095	ug/L	99
33) Benzene	5.018	78	356110	10.493	ug/L	100
34) Trichloroethene	5.841	95	91746	10.142	ug/L	99
35) Methylcyclohexane	6.060	83	150725	10.751	ug/L	97
37) 1,2-Dichloropropane	6.101	63	83850	10.417	ug/L #	97
38) Bromodichloromethane	6.439	83	119693	10.159	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	126601	10.501	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	470974	112.924	ug/L	98
42) Toluene	7.323	91	398871	10.917	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	108130	10.526	ug/L	97

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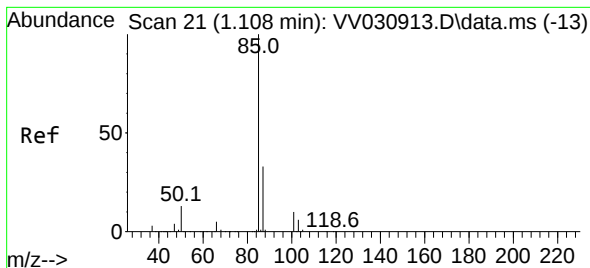
Instrument :
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Quant Time: Apr 29 00:39:13 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.777	97	60524	10.133	ug/L	95
47) Tetrachloroethene	7.912	164	85883	9.951	ug/L	97
48) 2-Hexanone	8.085	43	377593	124.354	ug/L	99
49) Dibromochloromethane	8.185	129	76672	10.204	ug/L	96
50) 1,2-Dibromoethane	8.288	107	56259	10.561	ug/L #	97
51) Chlorobenzene	8.821	112	250765	10.123	ug/L	99
52) Ethylbenzene	8.953	91	429970	10.794	ug/L	99
53) m,p-Xylene	9.079	106	173377	10.907	ug/L	100
54) o-Xylene	9.484	106	163198	10.787	ug/L	97
55) Styrene	9.503	104	286940	11.240	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	69885	10.468	ug/L	98
59) Bromoform	9.674	173	46815	9.824	ug/L	96
60) Isopropylbenzene	9.876	105	450095	10.312	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	48069	9.452	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	367897	10.353	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	376275	10.451	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	225763	10.071	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	224852	9.942	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	204204	10.131	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	11762	9.110	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	176399	9.938	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	135162	9.910	ug/L	99
71) Naphthalene	13.448	128	177264	9.063	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	116797	10.116	ug/L	99

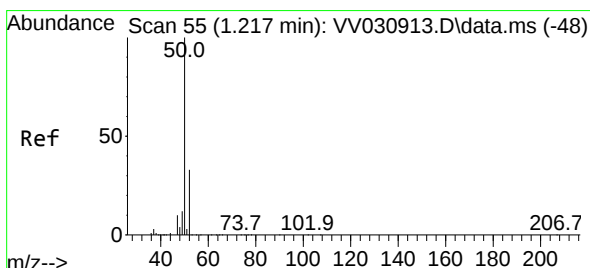
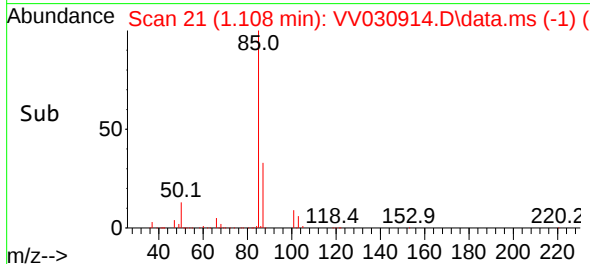
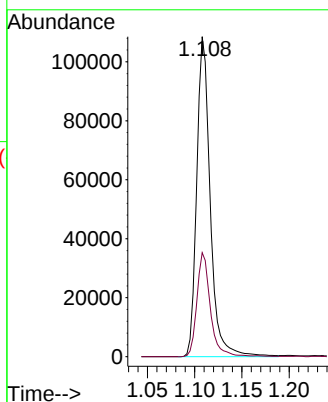
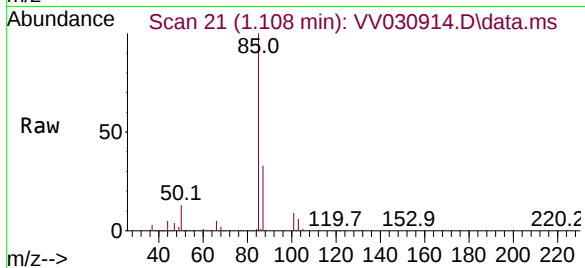
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 10.011 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030914.D
 Acq: 28 Apr 2023 12:02

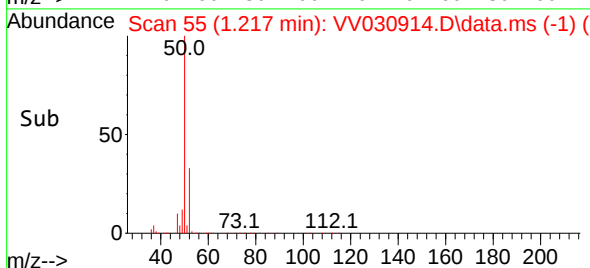
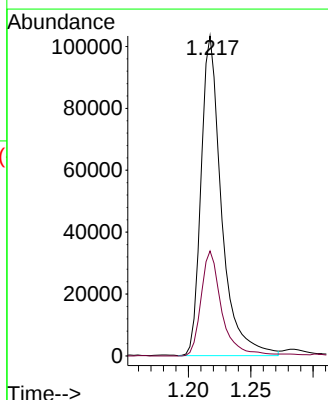
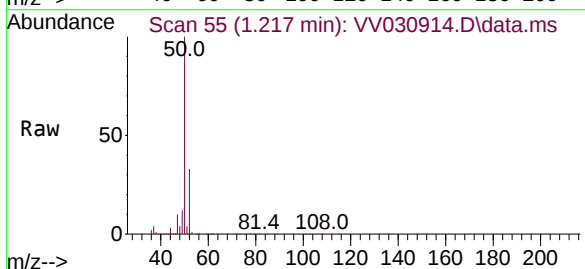
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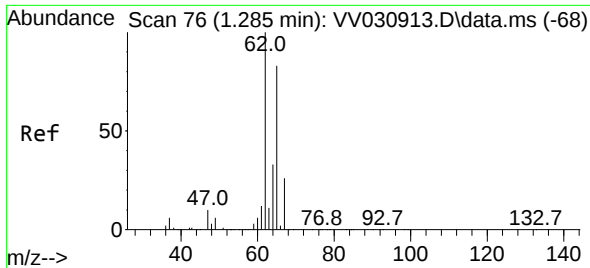
Tgt Ion: 85 Resp: 108018
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 9.335 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030914.D
 Acq: 28 Apr 2023 12:02

Tgt Ion: 50 Resp: 118195
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.8 42.4

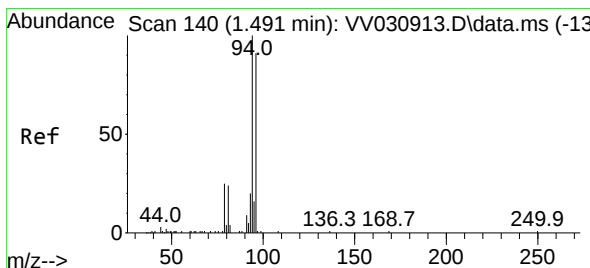
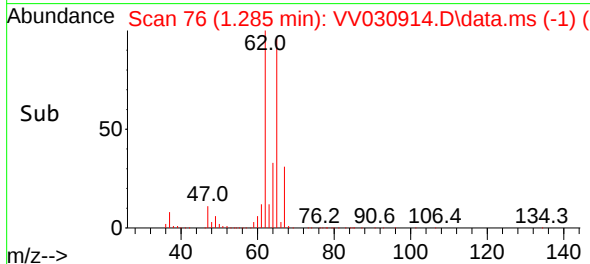
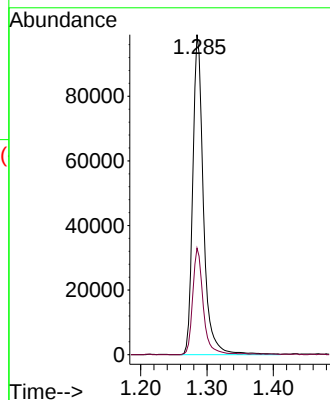
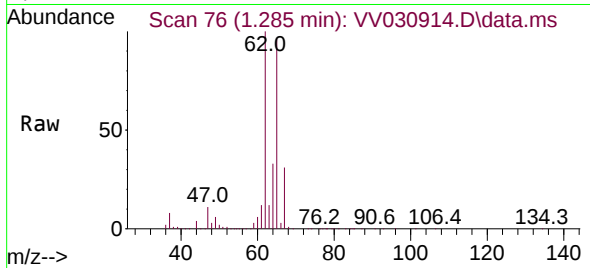




#5
 Vinyl chloride
 Concen: 10.481 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030914.D
 Acq: 28 Apr 2023 12:02

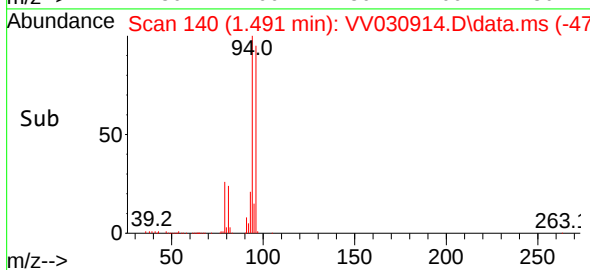
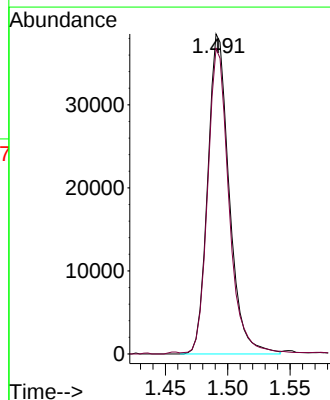
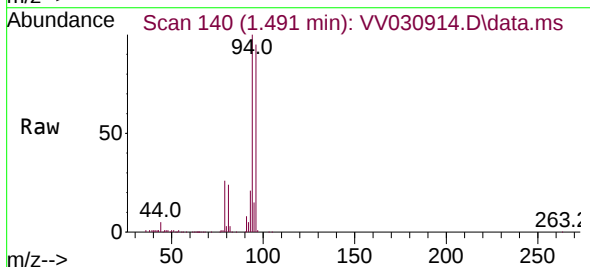
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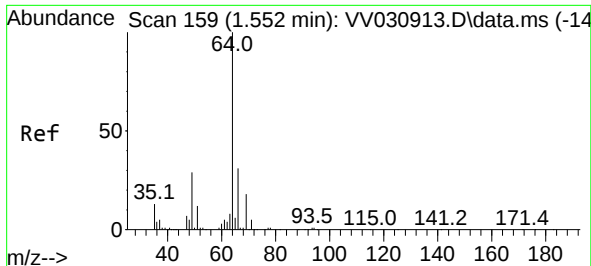
Tgt Ion: 62 Resp: 111068
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.8 42.4



#6
 Bromomethane
 Concen: 9.192 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030914.D
 Acq: 28 Apr 2023 12:02

Tgt Ion: 94 Resp: 46397
 Ion Ratio Lower Upper
 94 100
 96 95.4 63.4 117.8

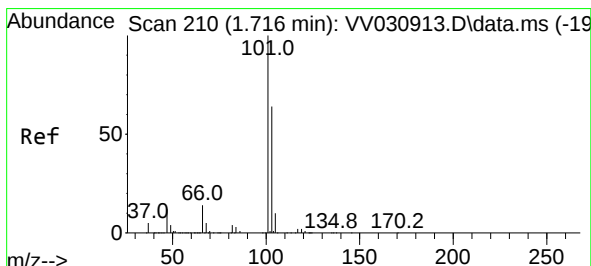
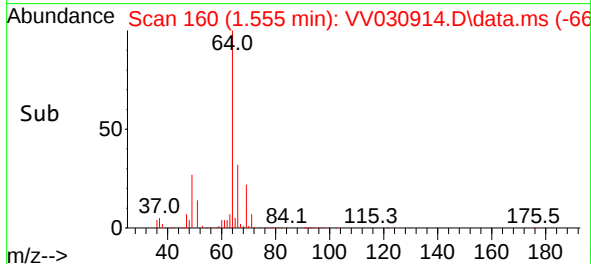
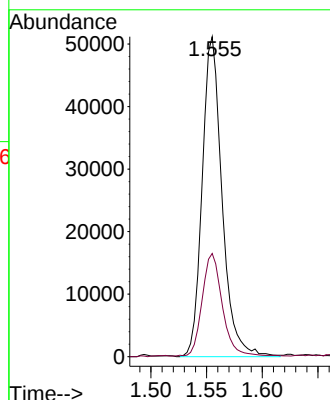
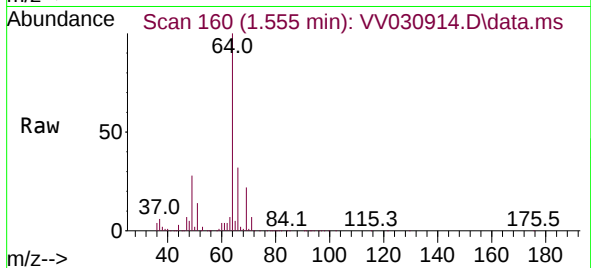




#8
Chloroethane
Concen: 9.851 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

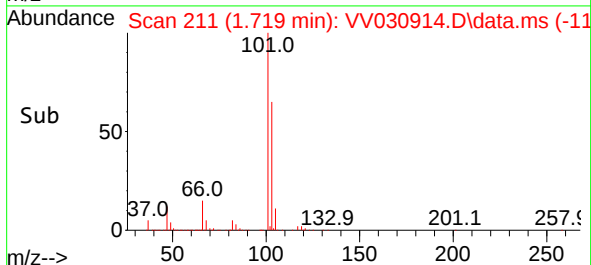
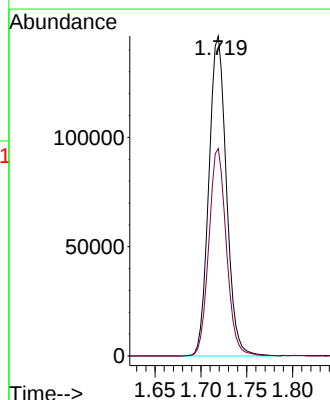
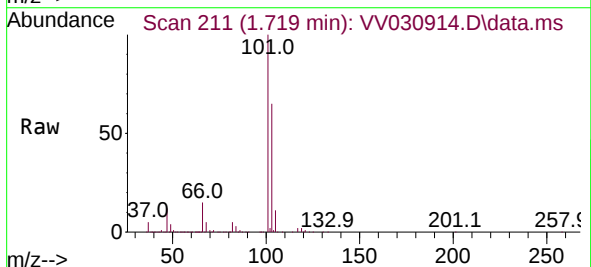
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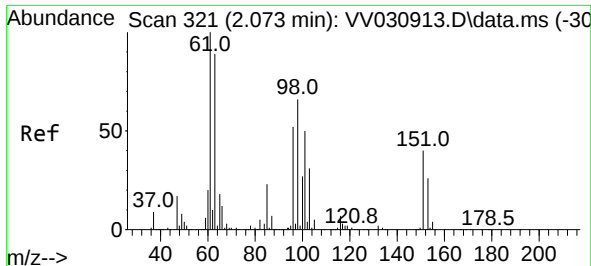
Tgt Ion: 64 Resp: 63542
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 9.981 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 101 Resp: 195144
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

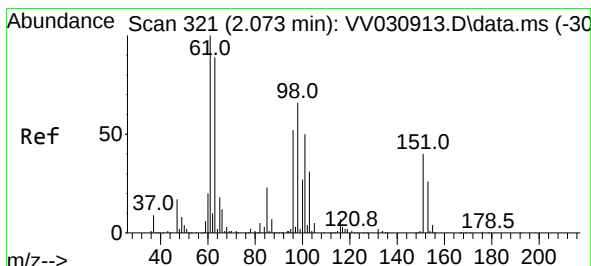
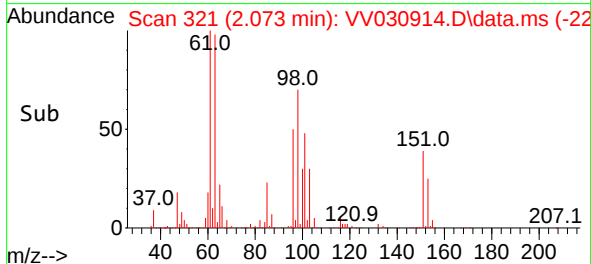
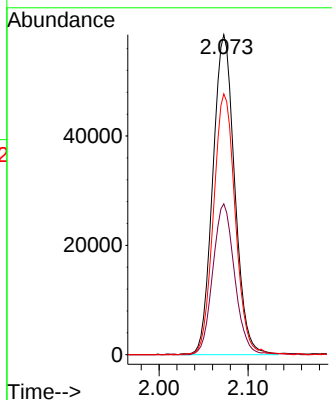
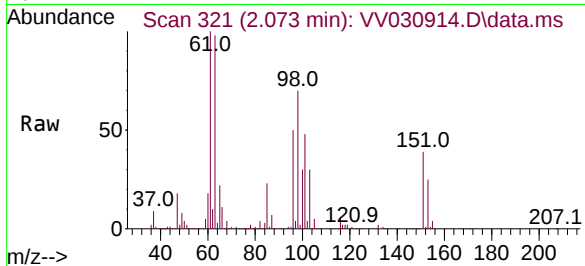




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.029 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030914.D
 Acq: 28 Apr 2023 12:02

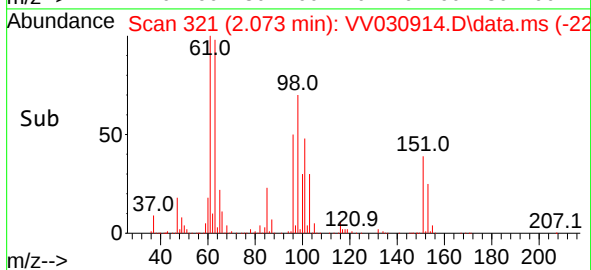
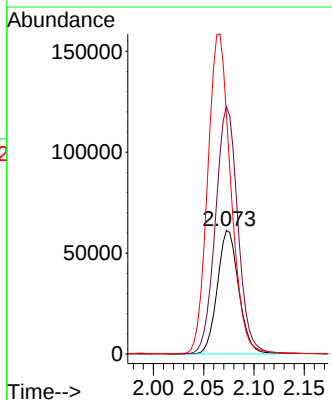
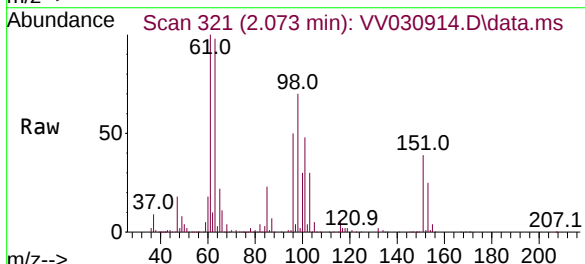
Instrument :
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 ClientSampleId :
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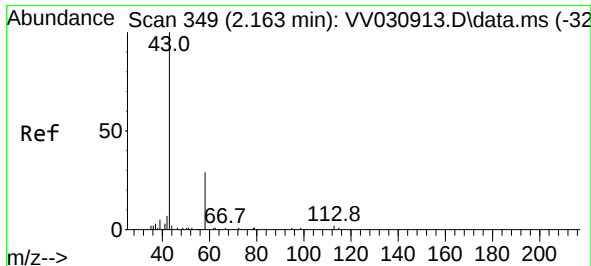
Tgt Ion:101 Resp: 100092
 Ion Ratio Lower Upper
 101 100
 85 46.9 38.7 58.1
 151 81.3 65.1 97.7



#12
 1,1-Dichloroethene
 Concen: 9.864 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030914.D
 Acq: 28 Apr 2023 12:02

Tgt Ion: 96 Resp: 90661
 Ion Ratio Lower Upper
 96 100
 61 200.4 135.6 251.8
 63 195.5 121.1 224.9





#13

Acetone

Concen: 97.460 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

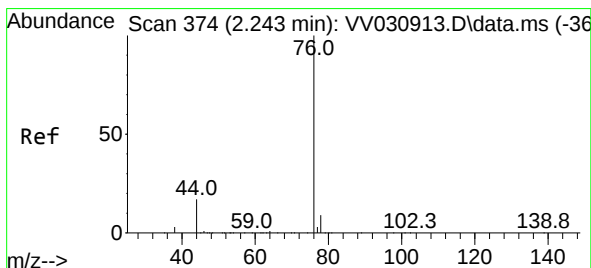
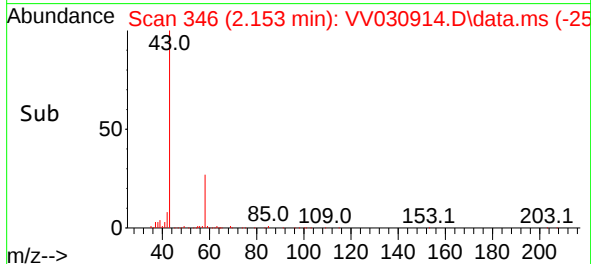
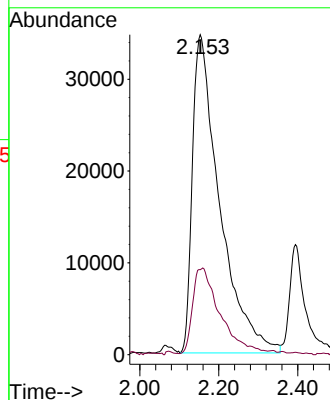
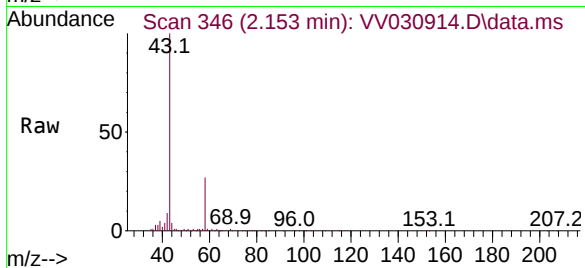
VSTD010236

Tgt Ion: 43 Resp: 166131

Ion Ratio Lower Upper

43 100

58 25.9 0.0 37.0



#14

Carbon disulfide

Concen: 9.944 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV030914.D

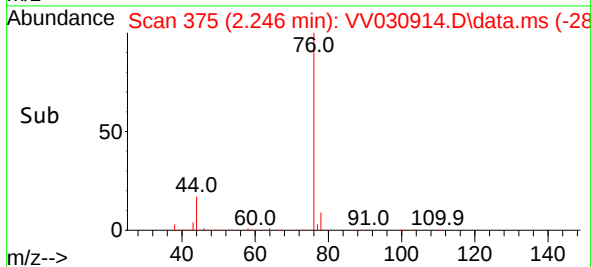
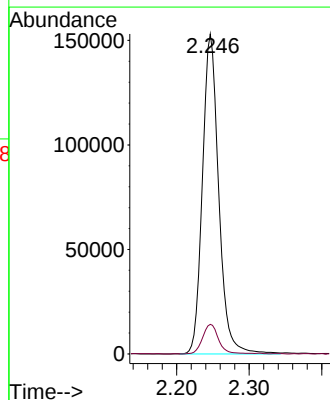
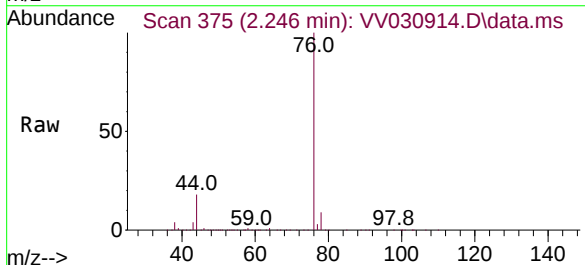
Acq: 28 Apr 2023 12:02

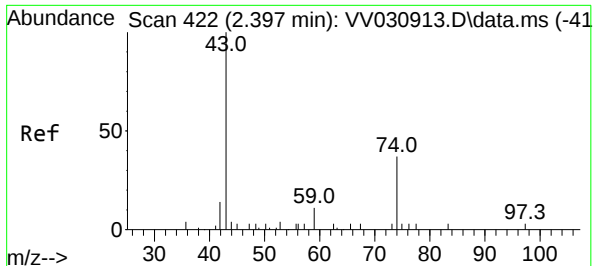
Tgt Ion: 76 Resp: 239136

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

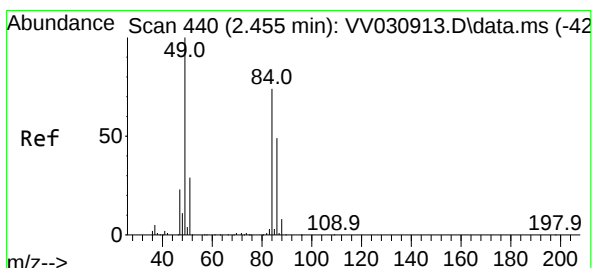
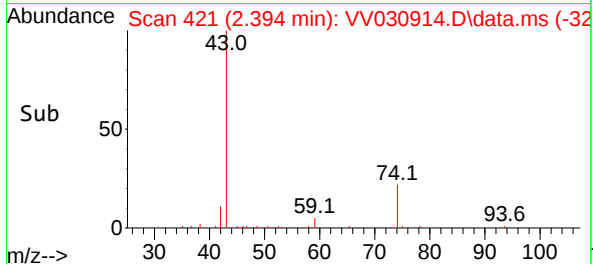
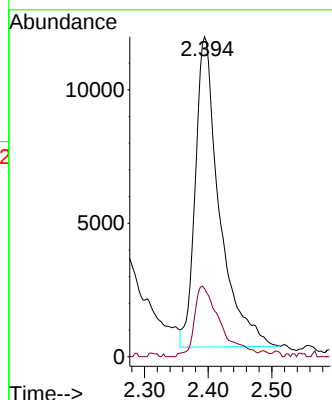
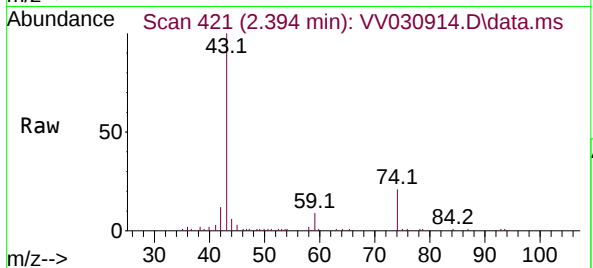




#15
Methyl Acetate
Concen: 8.850 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

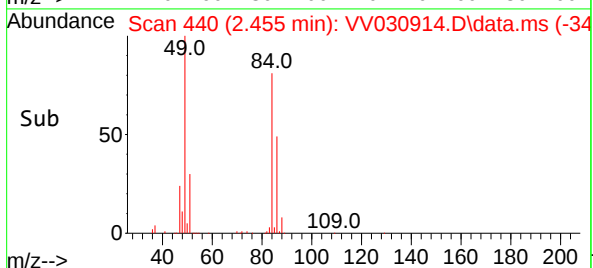
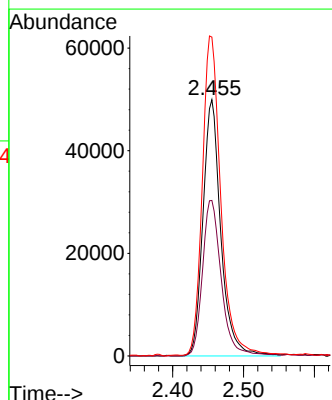
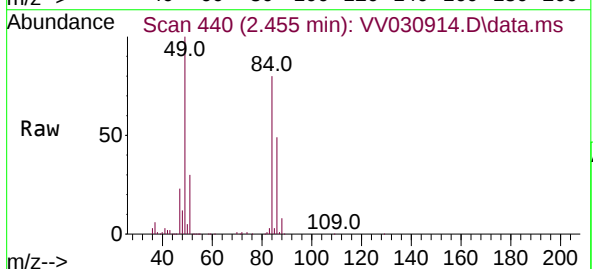
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ClientSampleId :
VSTD010236

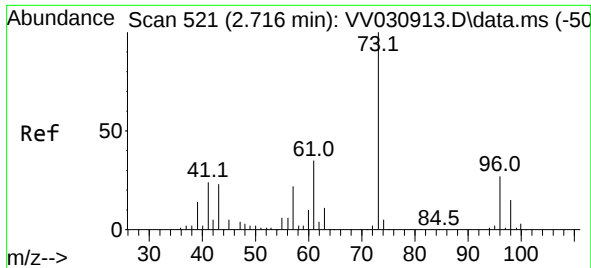
Tgt Ion: 43 Resp: 30624
Ion Ratio Lower Upper
43 100
74 24.6 15.0 22.6#



#16
Methylene chloride
Concen: 8.423 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 84 Resp: 87581
Ion Ratio Lower Upper
84 100
86 60.7 46.1 85.5
49 124.4 94.3 175.1

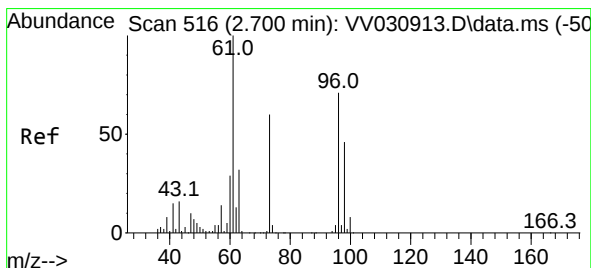
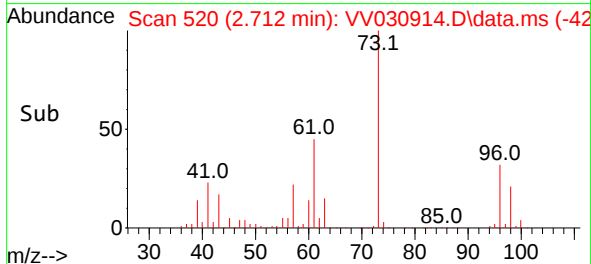
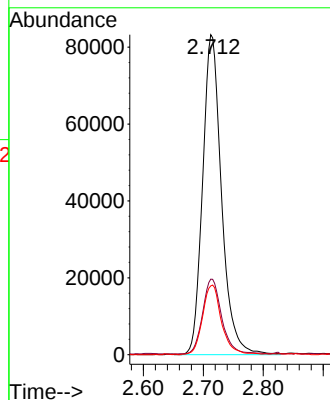
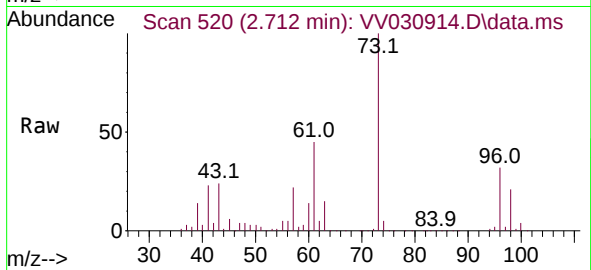




#17
Methyl tert-butyl Ether
Concen: 10.453 ug/L
RT: 2.712 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

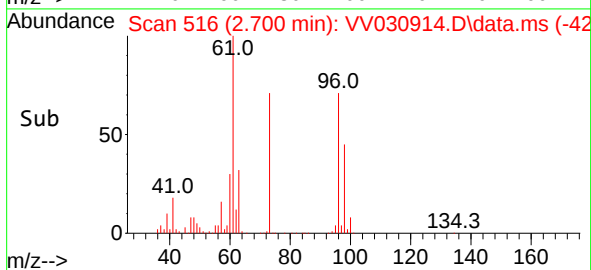
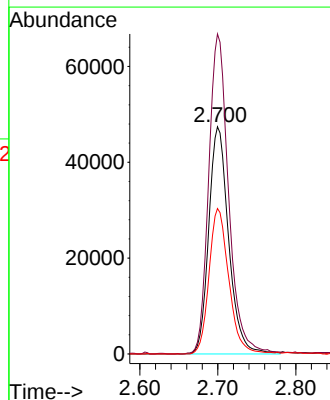
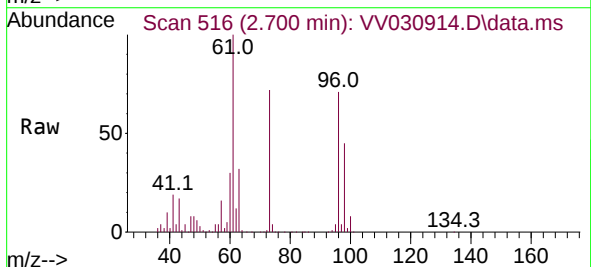
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

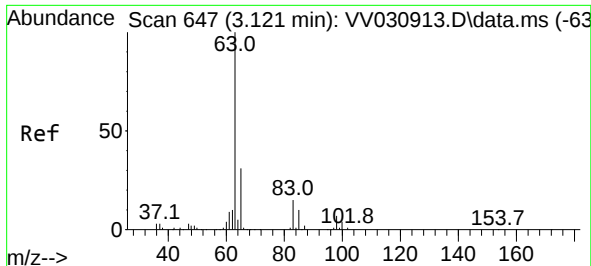
Tgt Ion: 73 Resp: 182899
Ion Ratio Lower Upper
73 100
43 23.7 19.9 29.9
57 21.9 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 10.025 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 96 Resp: 84163
Ion Ratio Lower Upper
96 100
61 140.8 98.9 183.7
98 64.0 46.0 85.4

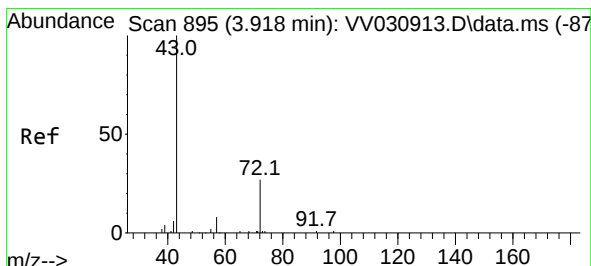
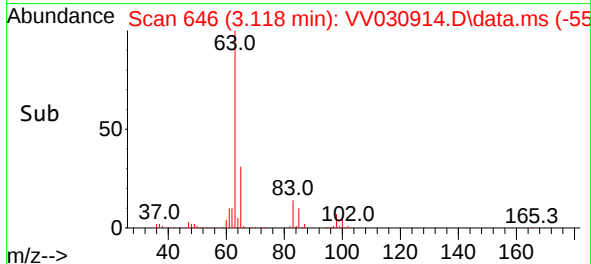
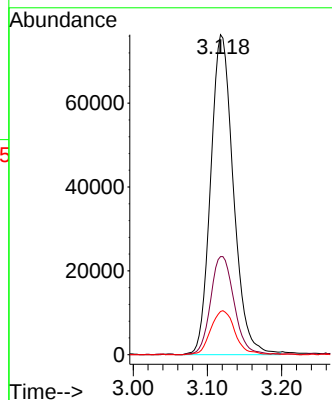
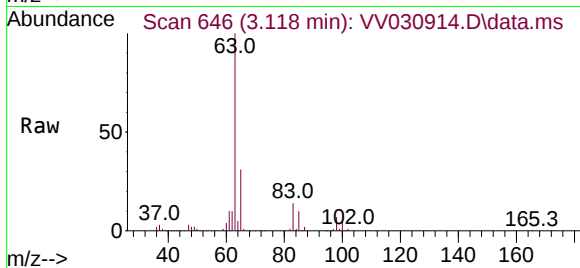




#19
1,1-Dichloroethane
Concen: 10.025 ug/L
RT: 3.118 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

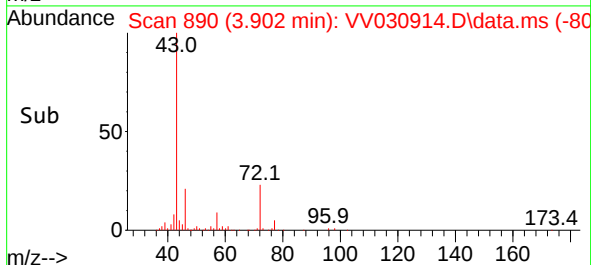
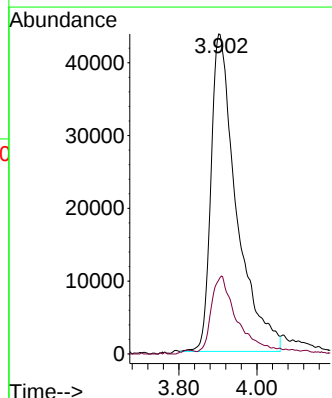
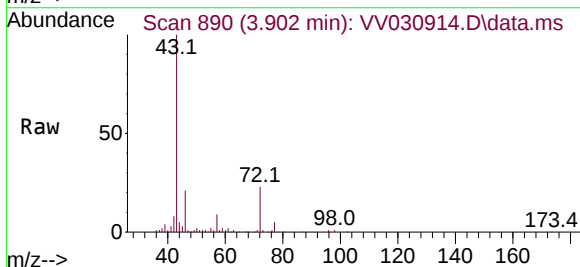
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

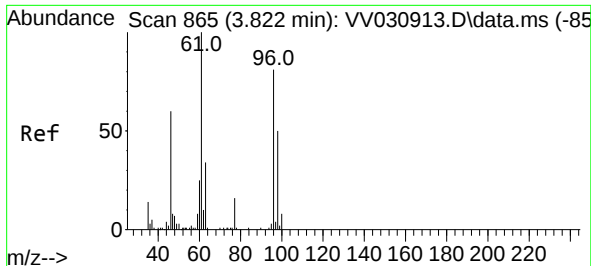
Tgt Ion: 63 Resp: 162515
Ion Ratio Lower Upper
63 100
65 30.6 21.8 40.6
83 13.5 10.2 19.0



#21
2-Butanone
Concen: 105.313 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.016 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 43 Resp: 198127
Ion Ratio Lower Upper
43 100
72 23.2 9.6 28.6

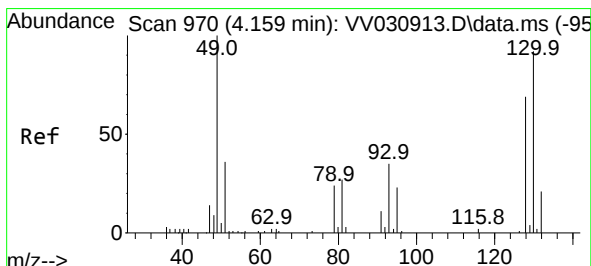
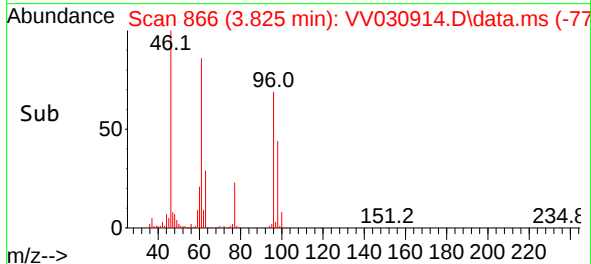
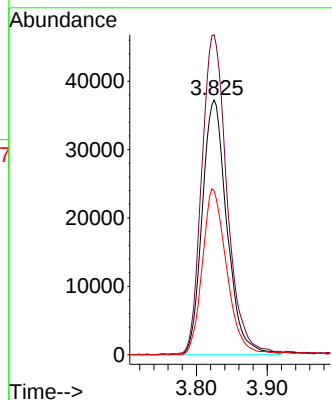
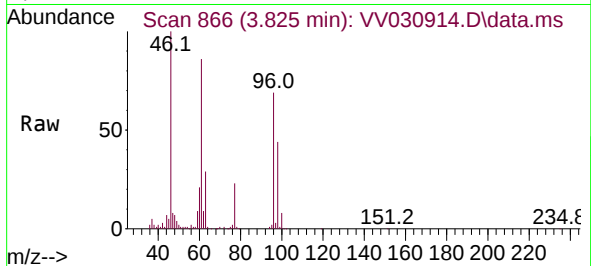




#22
cis-1,2-Dichloroethene
Concen: 10.187 ug/L
RT: 3.825 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

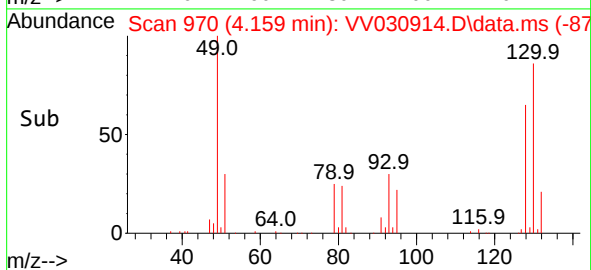
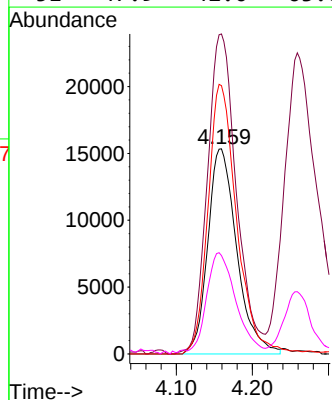
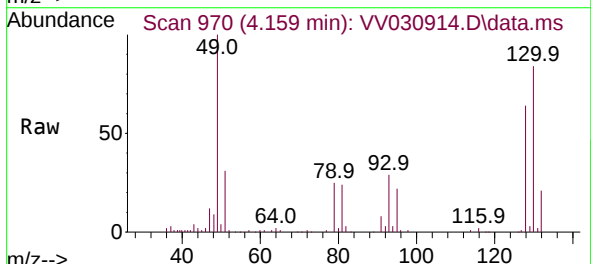
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

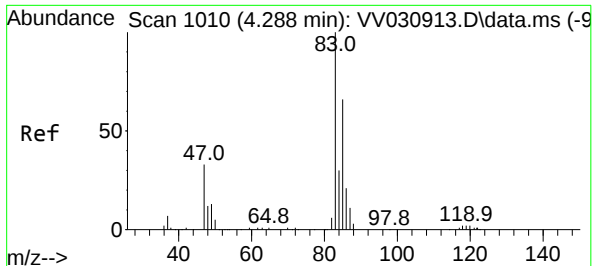
Tgt Ion: 96 Resp: 90237
Ion Ratio Lower Upper
96 100
61 125.6 86.0 159.6
98 64.2 43.2 80.2



#23
Bromochloromethane
Concen: 9.737 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 128 Resp: 40610
Ion Ratio Lower Upper
128 100
49 156.0 104.7 194.5
130 130.8 93.4 173.4
51 47.9 42.0 63.0





#25

Chloroform

Concen: 10.204 ug/L

RT: 4.285 min Scan# 1010

Delta R.T. -0.003 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

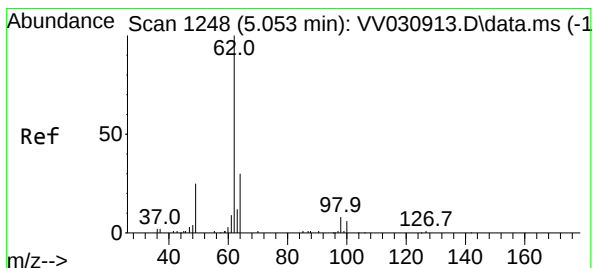
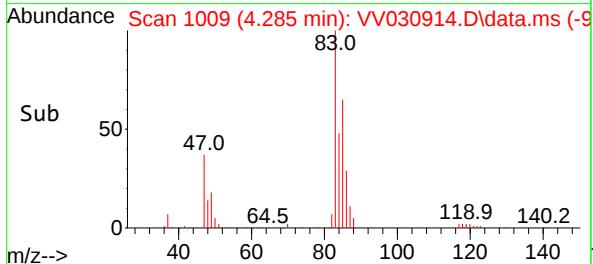
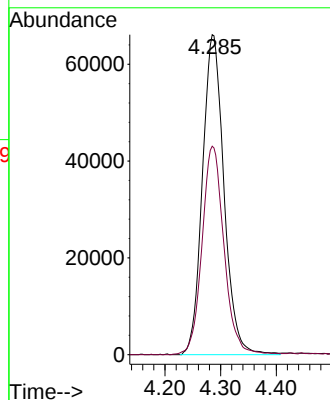
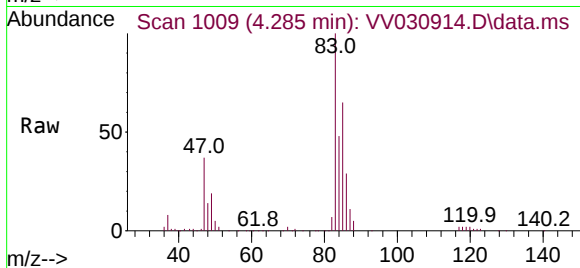
VSTD010236

Tgt Ion: 83 Resp: 177479

Ion Ratio Lower Upper

83 100

85 65.2 46.4 86.2



#27

1,2-Dichloroethane

Concen: 10.736 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VV030914.D

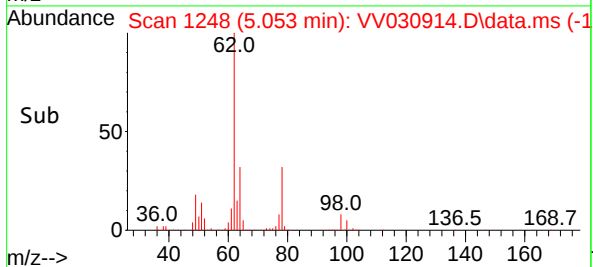
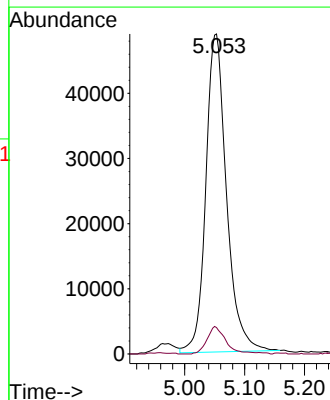
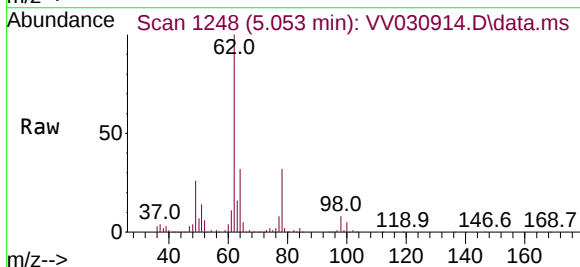
Acq: 28 Apr 2023 12:02

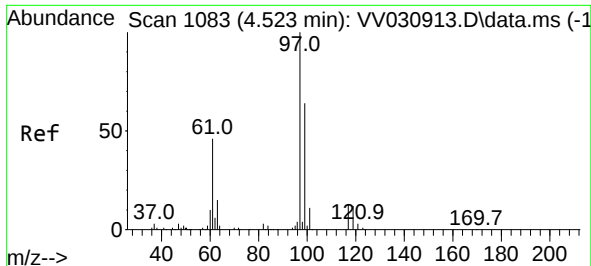
Tgt Ion: 62 Resp: 117199

Ion Ratio Lower Upper

62 100

98 8.3 6.0 9.0





#29

1,1,1-Trichloroethane

Concen: 9.903 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD010236

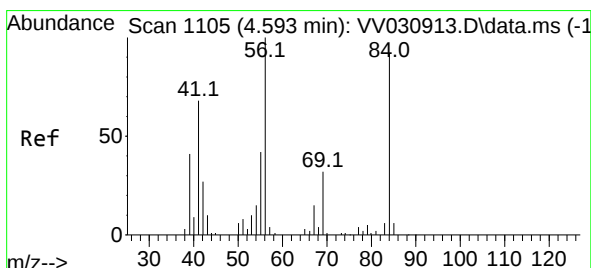
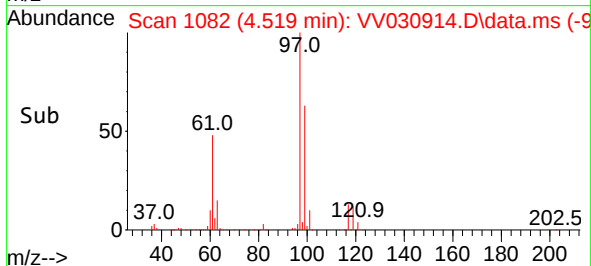
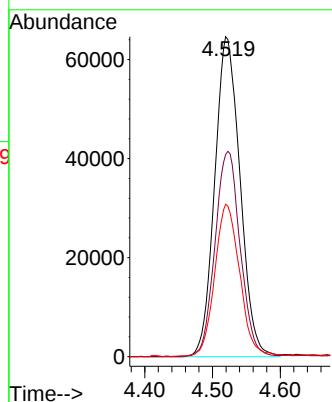
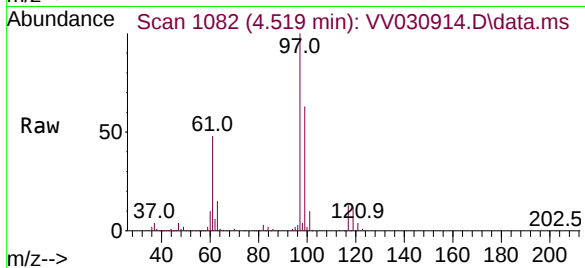
Tgt Ion: 97 Resp: 167889

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 46.6 37.4 56.0



#30

Cyclohexane

Concen: 10.365 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

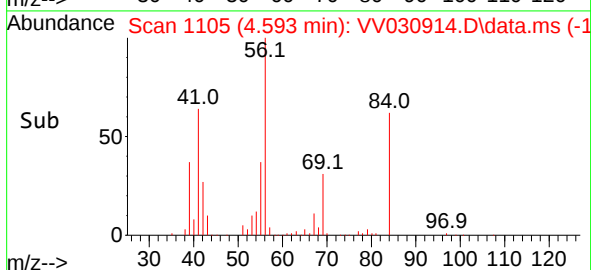
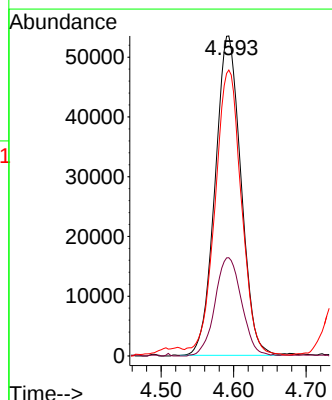
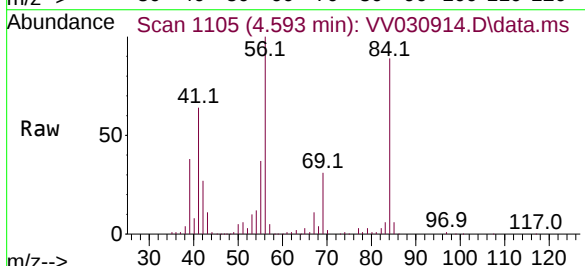
Tgt Ion: 56 Resp: 132723

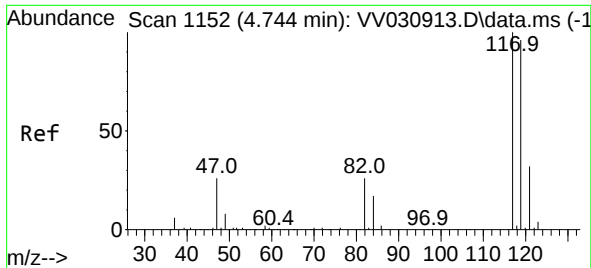
Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.6

84 90.7 74.2 111.2

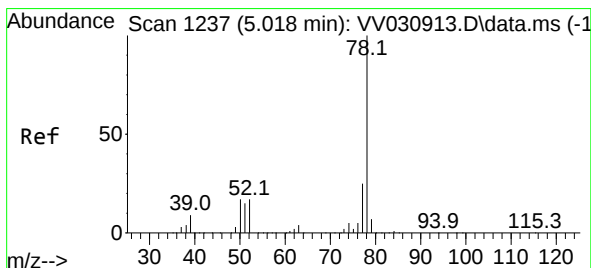
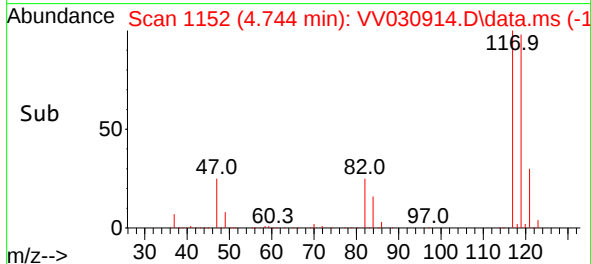
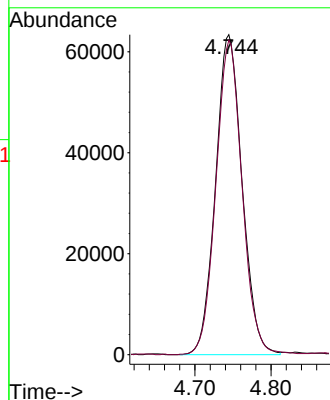
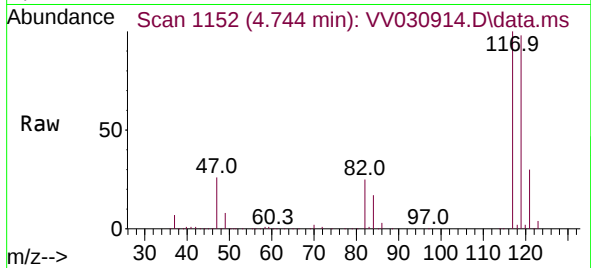




#31
Carbon tetrachloride
Concen: 10.095 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

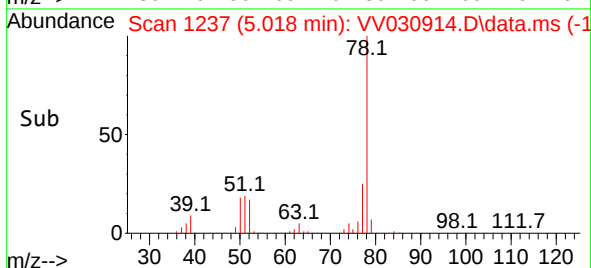
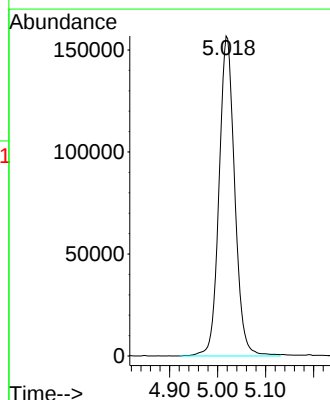
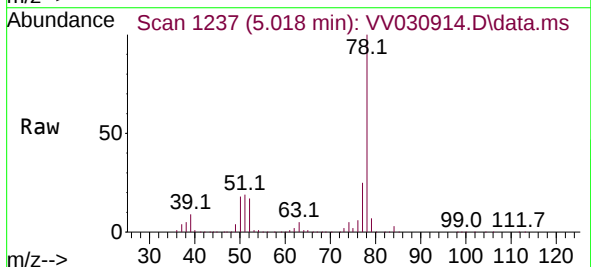
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

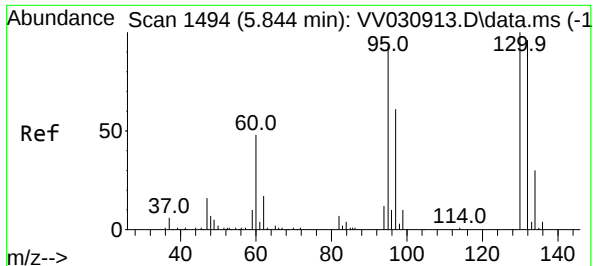
Tgt Ion:117 Resp: 153730
Ion Ratio Lower Upper
117 100
119 97.0 78.4 117.6



#33
Benzene
Concen: 10.493 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 78 Resp: 356110

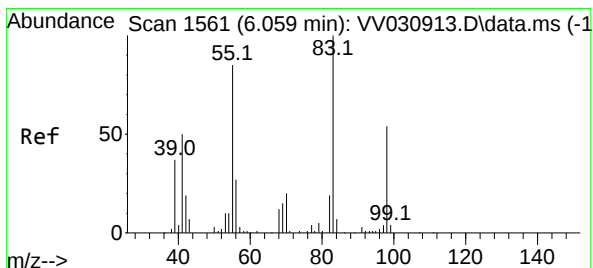
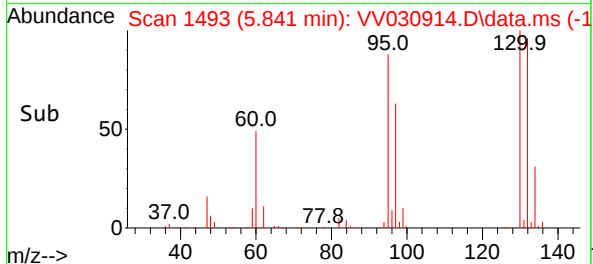
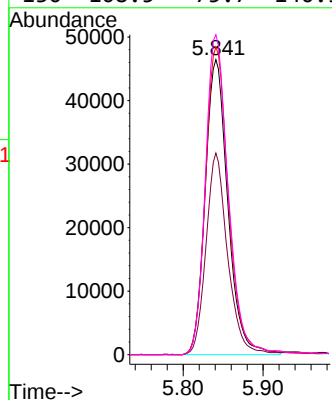
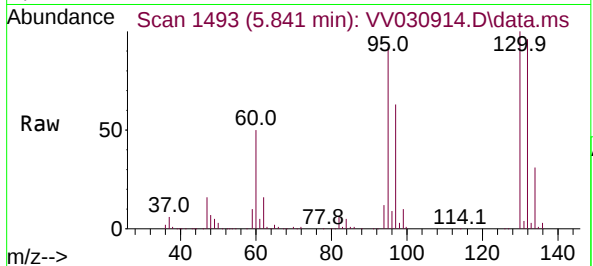




#34
Trichloroethene
Concen: 10.142 ug/L
RT: 5.841 min Scan# 1494
Delta R.T. -0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

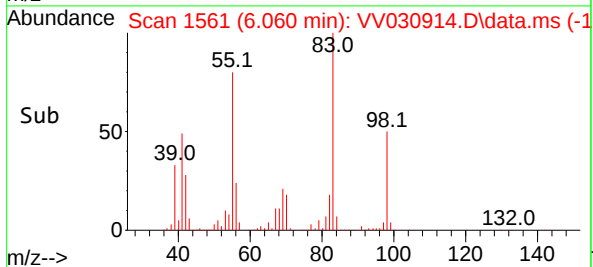
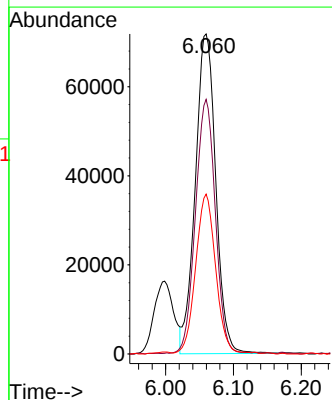
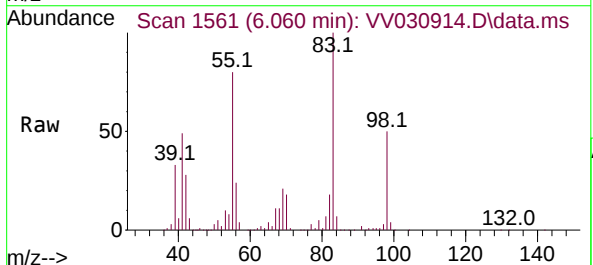
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

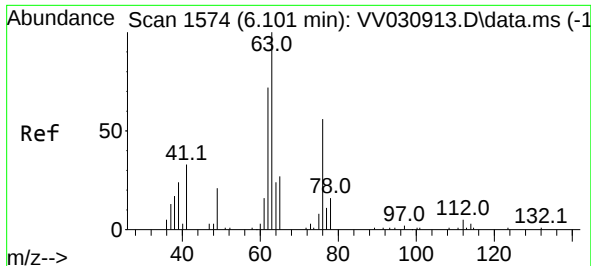
Tgt Ion: 95 Resp: 91746
Ion Ratio Lower Upper
95 100
97 68.4 46.2 85.8
132 104.3 72.7 135.1
130 108.5 75.7 140.5



#35
Methylcyclohexane
Concen: 10.751 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 83 Resp: 150725
Ion Ratio Lower Upper
83 100
55 77.0 62.9 94.3
98 48.0 40.5 60.7





#37

1,2-Dichloropropane

Concen: 10.417 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

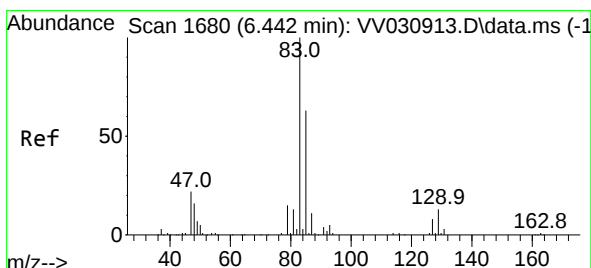
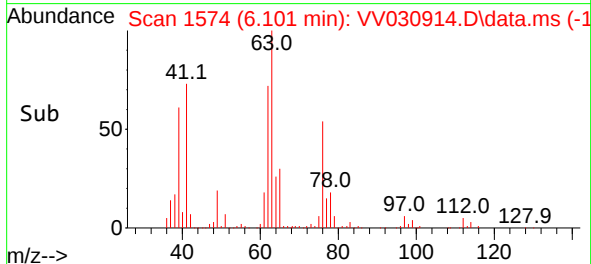
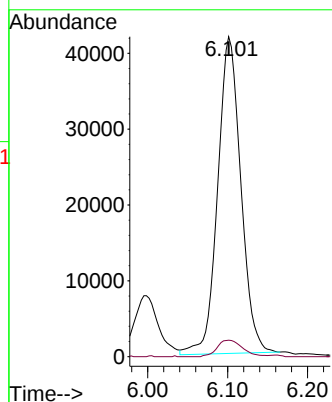
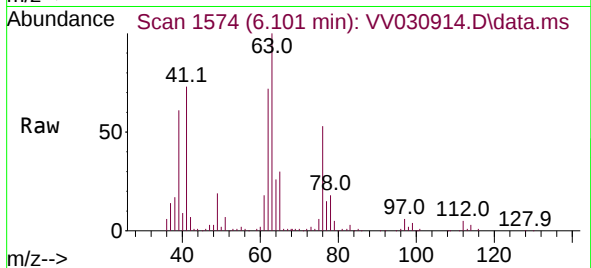
VSTD010236

Tgt Ion: 63 Resp: 83850

Ion Ratio Lower Upper

63 100

112 5.8 3.8 5.8#



#38

Bromodichloromethane

Concen: 10.159 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

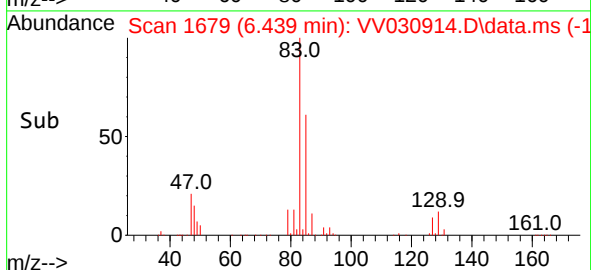
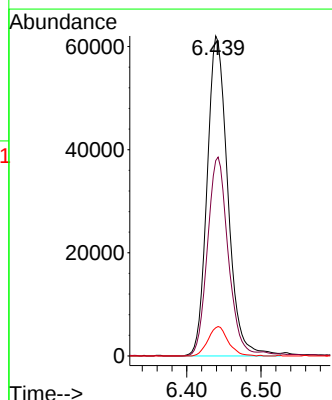
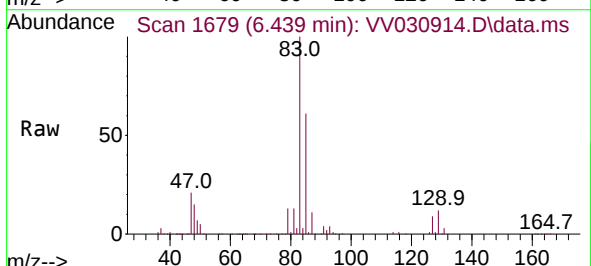
Tgt Ion: 83 Resp: 119693

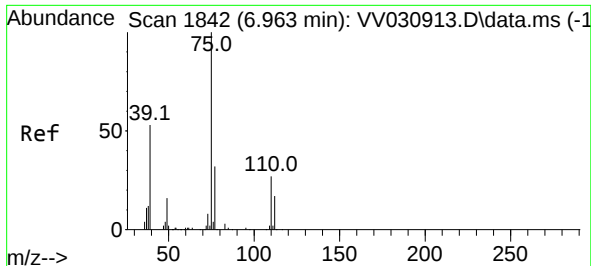
Ion Ratio Lower Upper

83 100

85 61.0 44.4 82.4

127 8.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 10.501 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

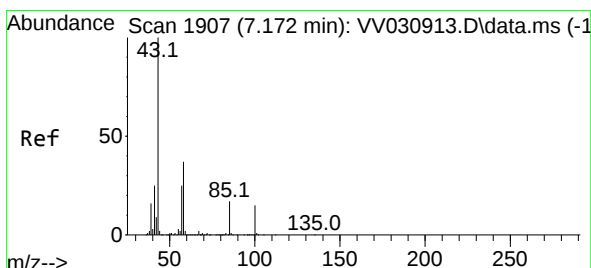
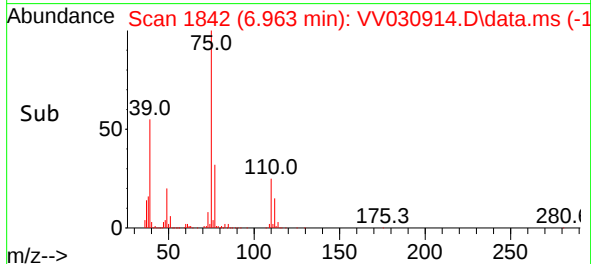
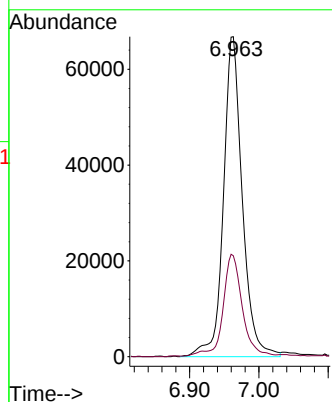
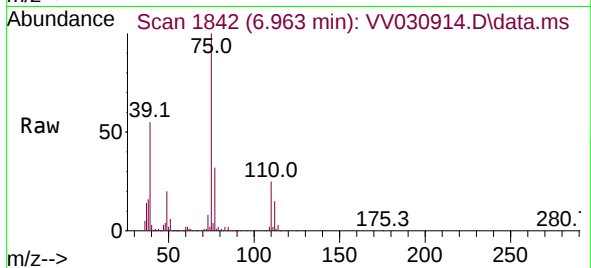
VSTD010236

Tgt Ion: 75 Resp: 126601

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 112.924 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.003 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

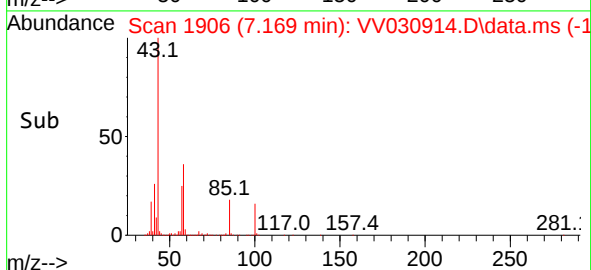
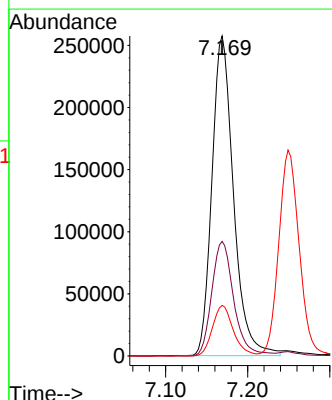
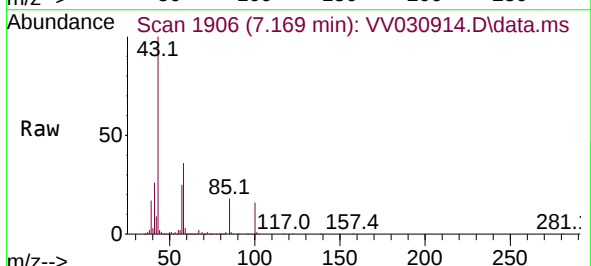
Tgt Ion: 43 Resp: 470974

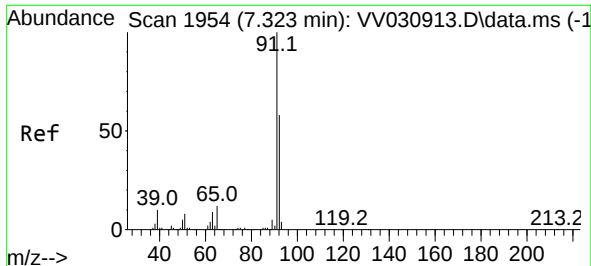
Ion Ratio Lower Upper

43 100

58 36.5 28.3 42.5

100 15.3 11.8 17.8





#42

Toluene

Concen: 10.917 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

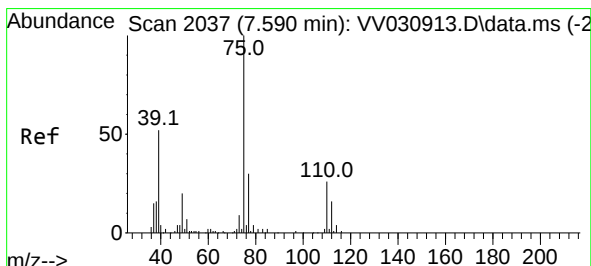
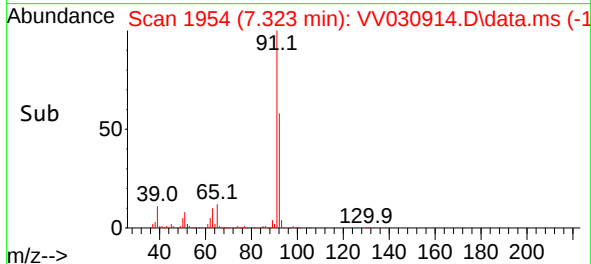
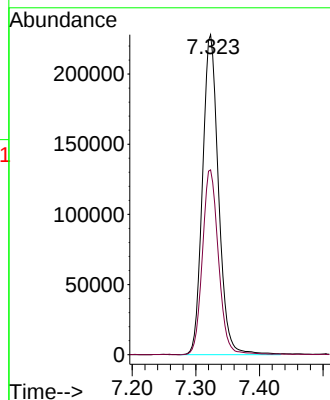
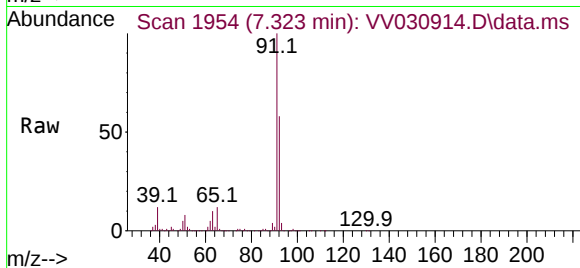
VSTD010236

Tgt Ion: 91 Resp: 398871

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 10.526 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV030914.D

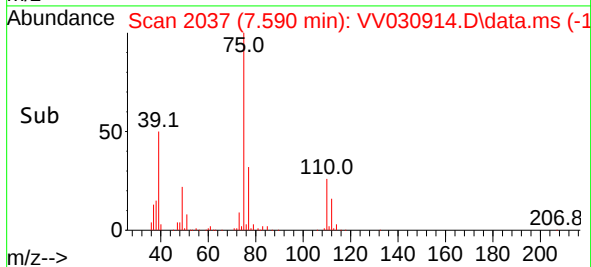
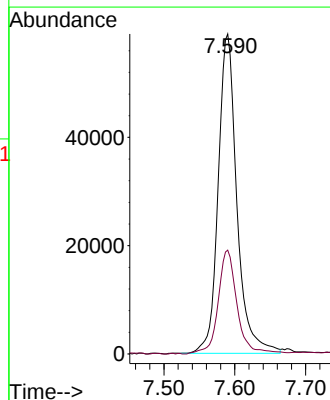
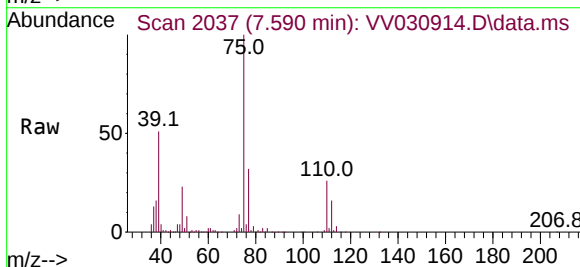
Acq: 28 Apr 2023 12:02

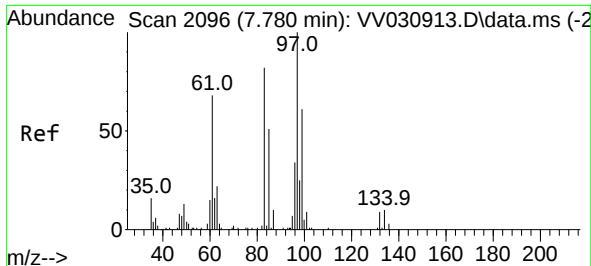
Tgt Ion: 75 Resp: 108130

Ion Ratio Lower Upper

75 100

77 32.4 21.6 40.0

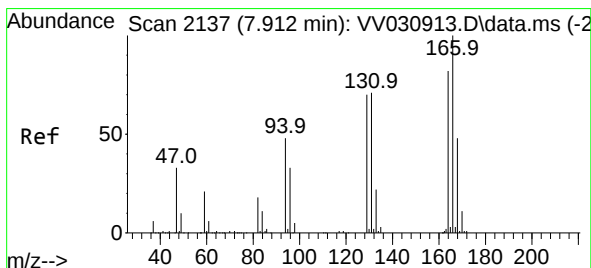
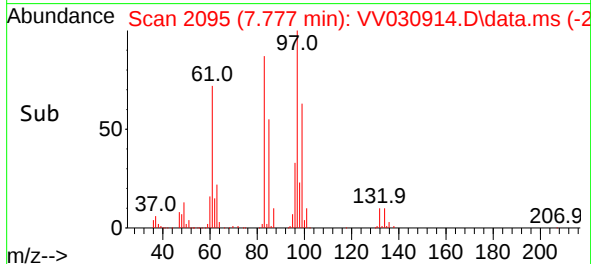
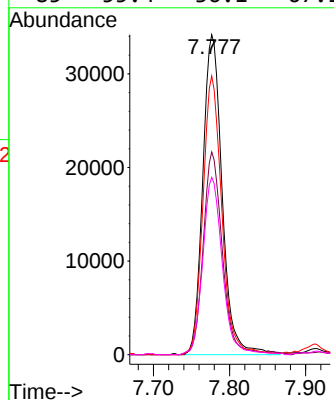
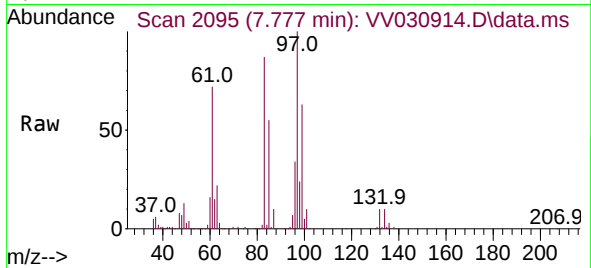




#45
1,1,2-Trichloroethane
Concen: 10.133 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. -0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

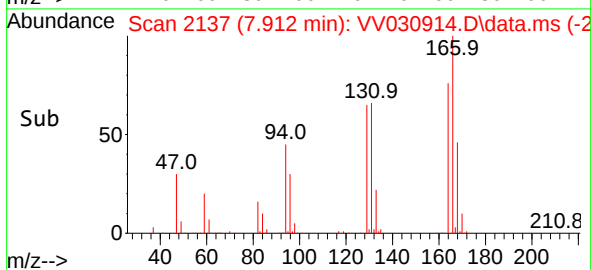
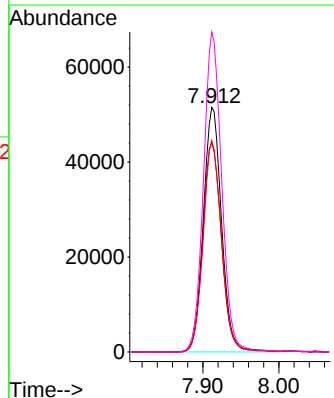
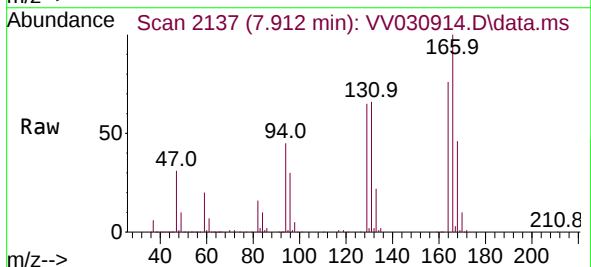
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

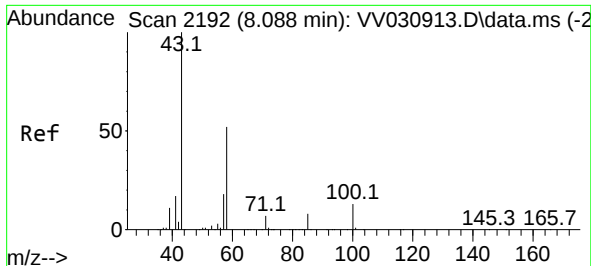
Tgt Ion:	97	Resp:	60524
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.8	79.6
83	87.1	57.5	106.7
85	55.4	36.1	67.1



#47
Tetrachloroethene
Concen: 9.951 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion:	164	Resp:	85883
Ion	Ratio	Lower	Upper
164	100		
129	85.6	60.5	112.3
131	86.5	60.8	112.8
166	130.9	85.9	159.5

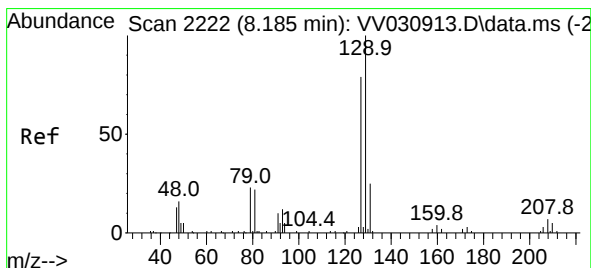
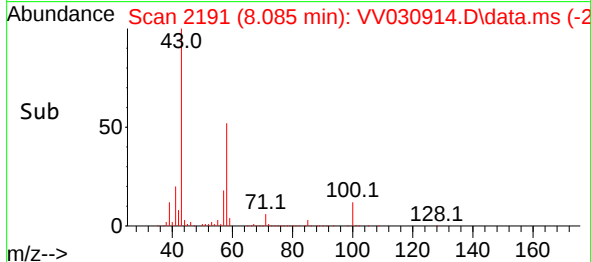
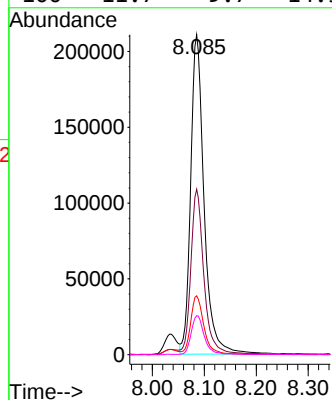
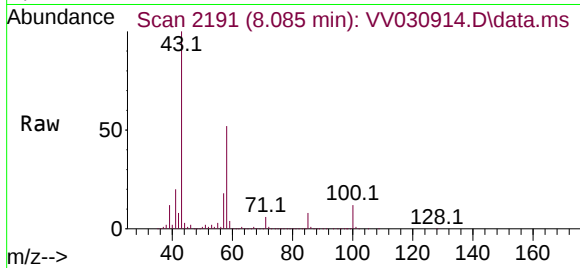




#48
2-Hexanone
Concen: 124.354 ug/L
RT: 8.085 min Scan# 2192
Delta R.T. -0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

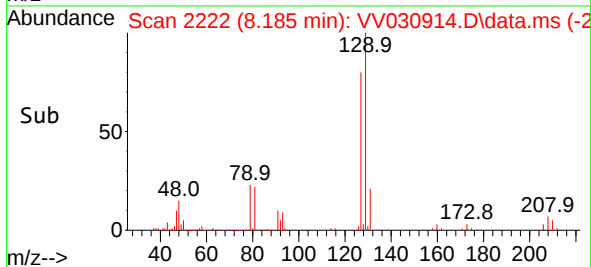
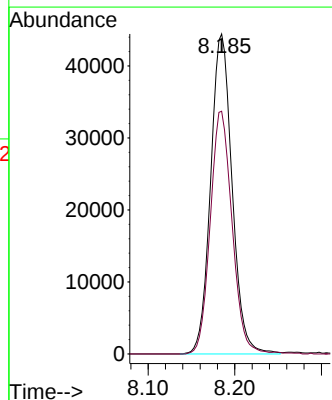
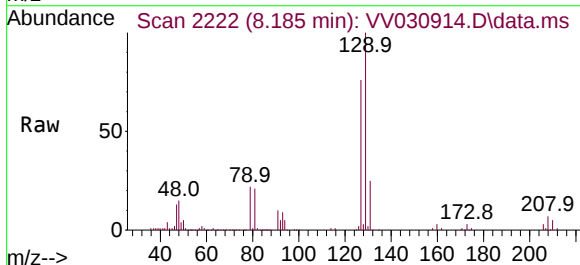
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

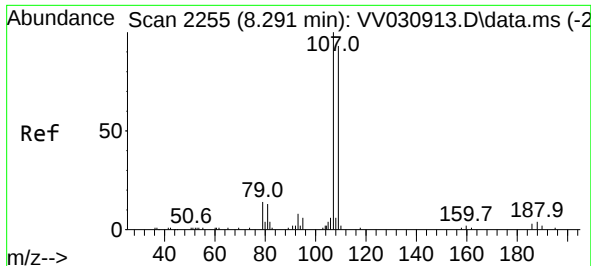
Tgt Ion: 43 Resp: 377593
Ion Ratio Lower Upper
43 100
58 49.6 39.9 59.9
57 18.1 14.1 21.1
100 11.7 9.7 14.5



#49
Dibromochloromethane
Concen: 10.204 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 129 Resp: 76672
Ion Ratio Lower Upper
129 100
127 75.9 55.3 102.7





#50

1,2-Dibromoethane

Concen: 10.561 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD010236

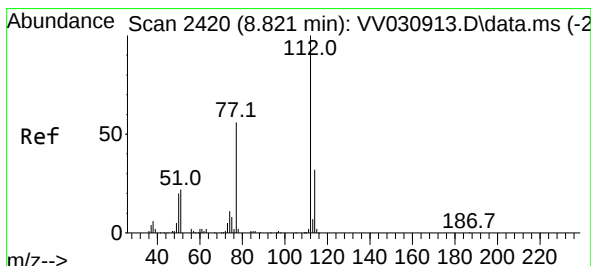
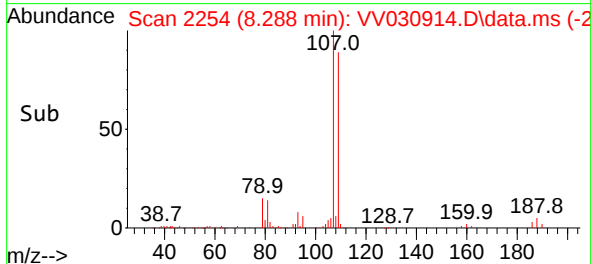
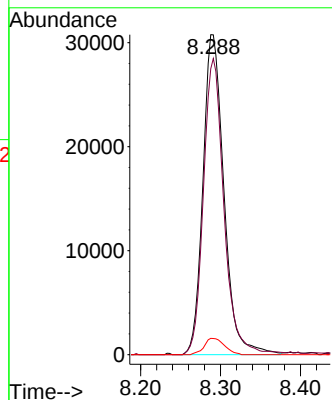
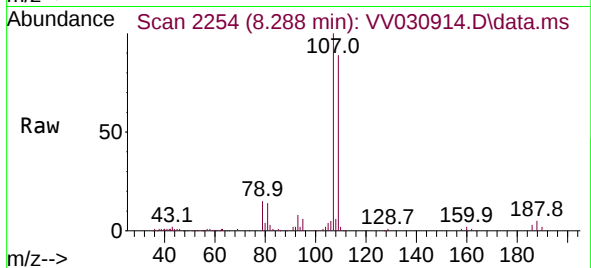
Tgt Ion:107 Resp: 56259

Ion Ratio Lower Upper

107 100

109 89.4 64.9 120.5

188 5.1 3.2 4.8#



#51

Chlorobenzene

Concen: 10.123 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

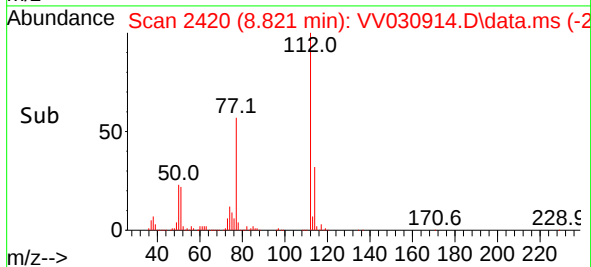
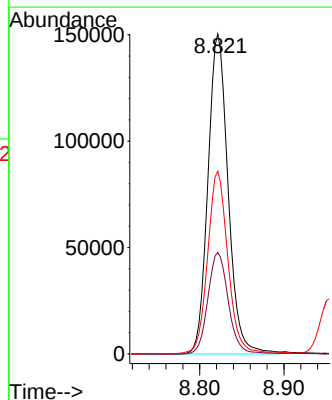
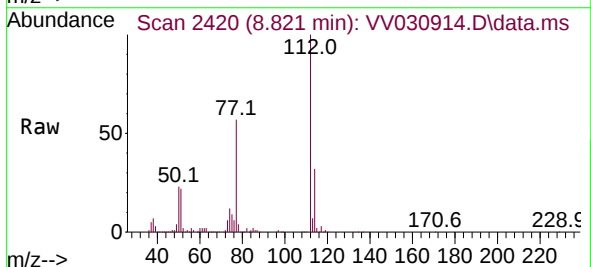
Tgt Ion:112 Resp: 250765

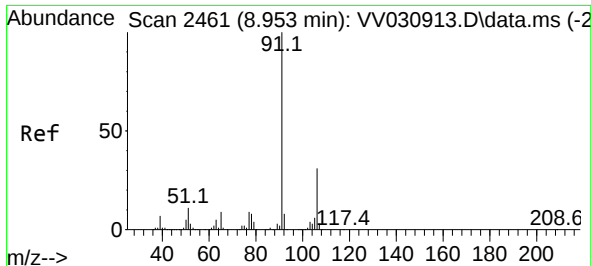
Ion Ratio Lower Upper

112 100

114 31.7 22.5 41.9

77 57.1 45.3 67.9

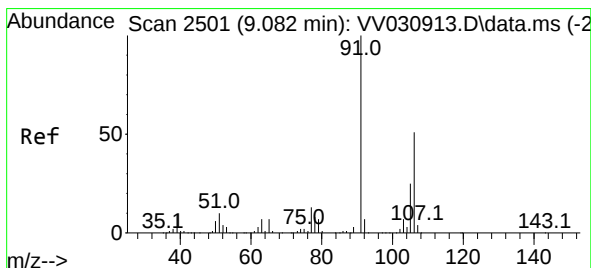
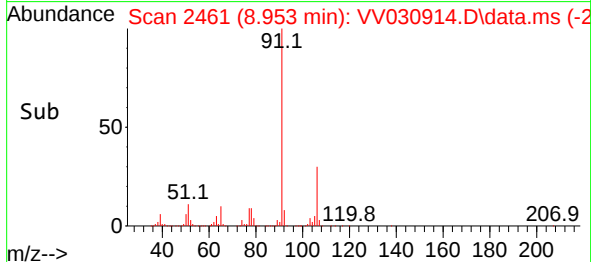
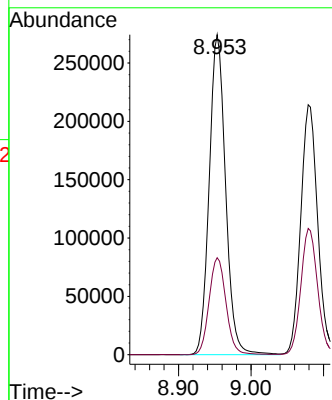
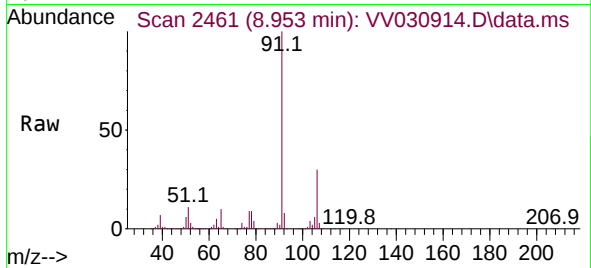




#52
Ethylbenzene
Concen: 10.794 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

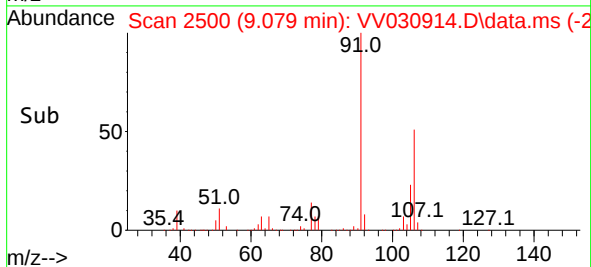
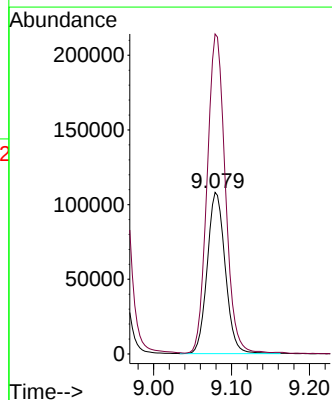
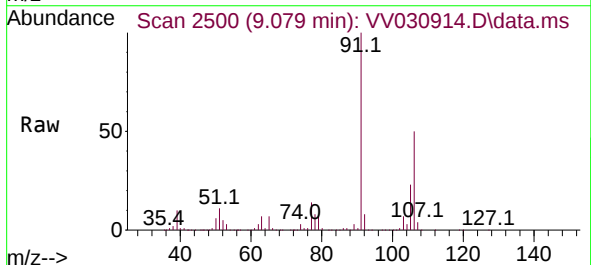
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

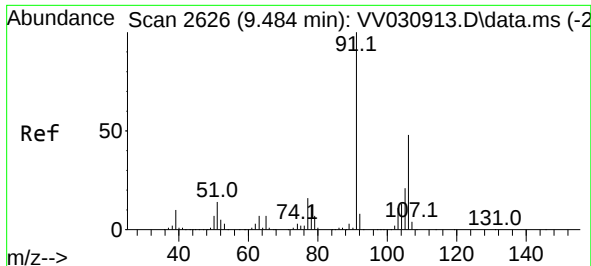
Tgt Ion: 91 Resp: 429970
Ion Ratio Lower Upper
91 100
106 30.3 21.4 39.8



#53
m,p-Xylene
Concen: 10.907 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 106 Resp: 173377
Ion Ratio Lower Upper
106 100
91 198.0 138.7 257.5

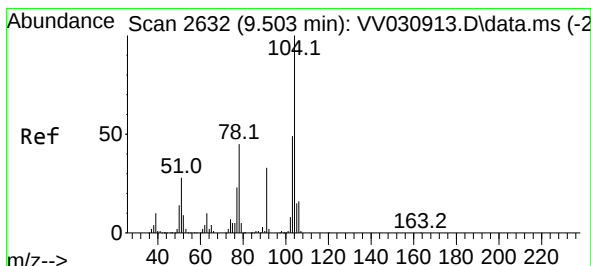
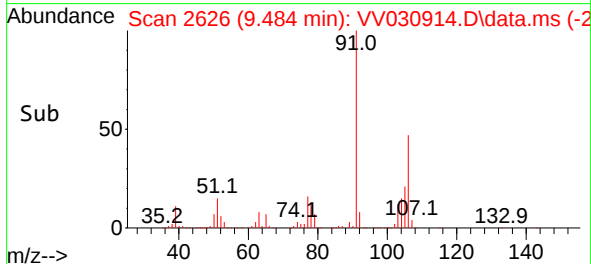
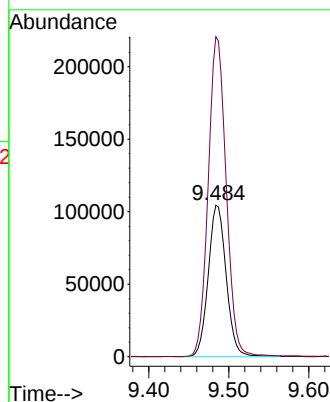
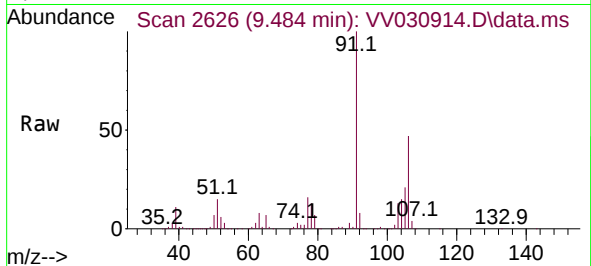




#54
o-Xylene
Concen: 10.787 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

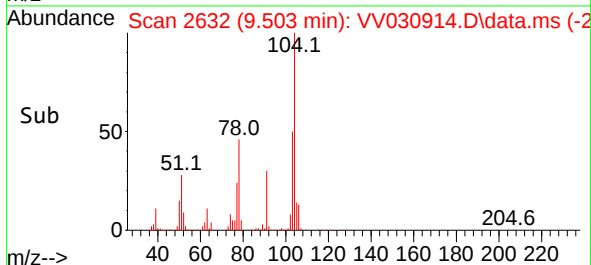
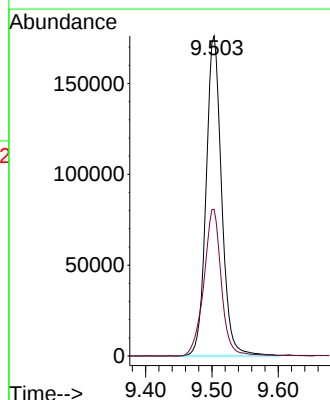
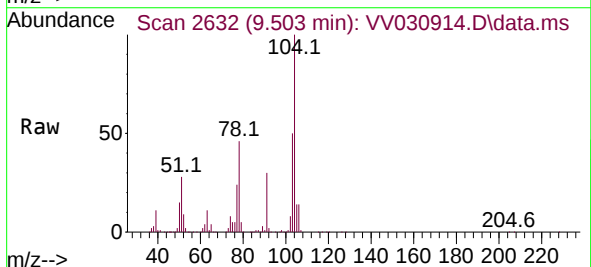
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

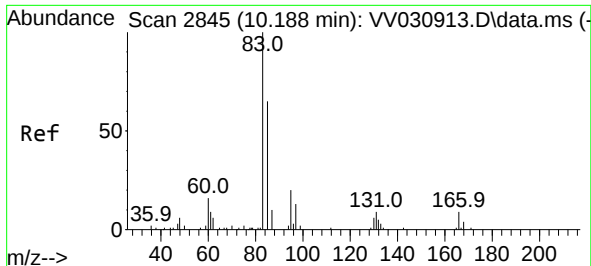
Tgt Ion:106 Resp: 163198
Ion Ratio Lower Upper
106 100
91 211.2 145.1 269.5



#55
Styrene
Concen: 11.240 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion:104 Resp: 286940
Ion Ratio Lower Upper
104 100
78 45.9 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 10.468 ug/L

RT: 10.185 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD010236

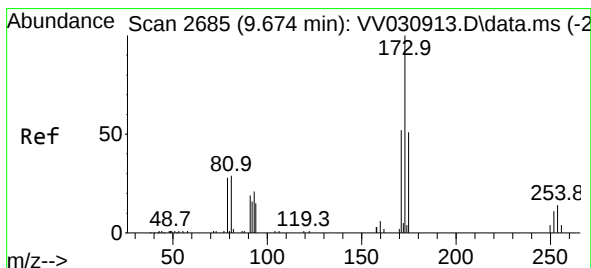
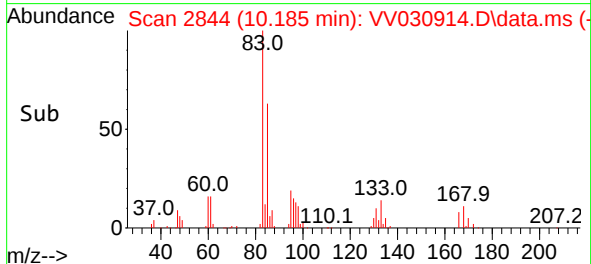
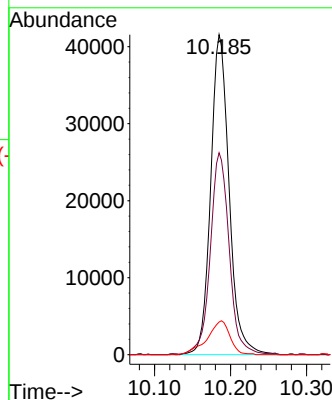
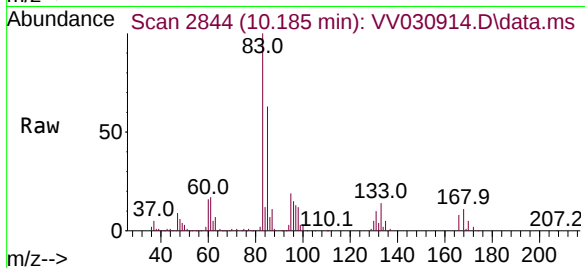
Tgt Ion: 83 Resp: 69885

Ion Ratio Lower Upper

83 100

85 63.1 45.2 84.0

131 10.2 8.3 12.5



#59

Bromoform

Concen: 9.824 ug/L

RT: 9.674 min Scan# 2685

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

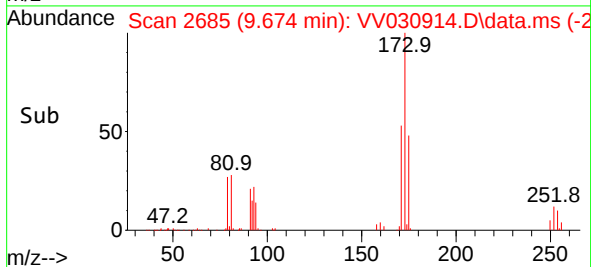
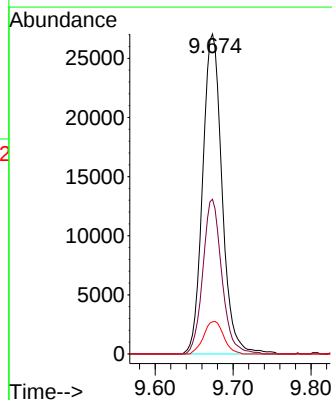
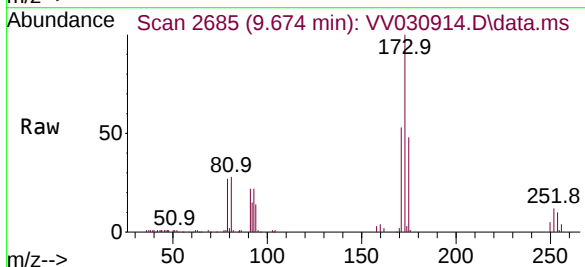
Tgt Ion: 173 Resp: 46815

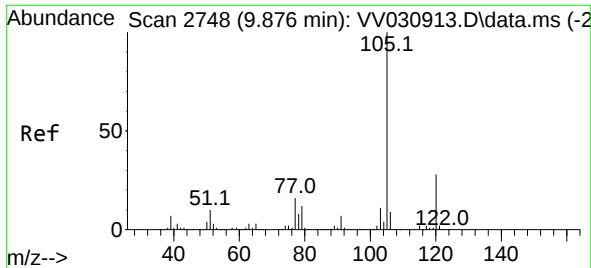
Ion Ratio Lower Upper

173 100

175 47.3 39.9 59.9

254 10.5 9.7 14.5

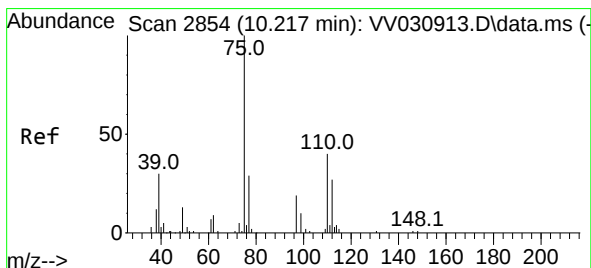
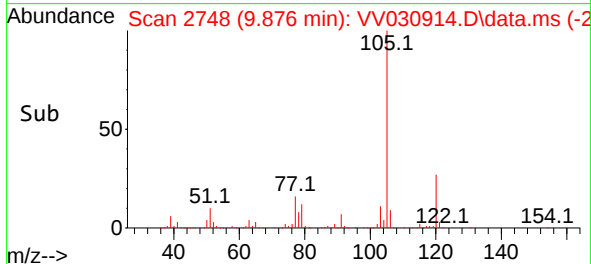
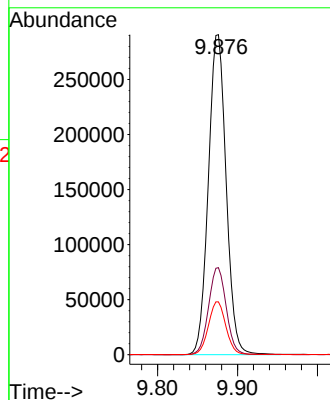
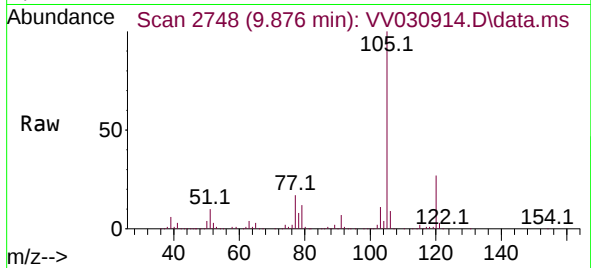




#60
Isopropylbenzene
Concen: 10.312 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

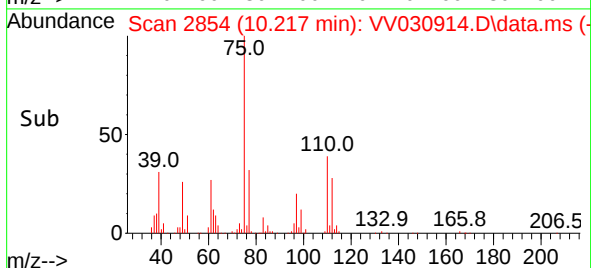
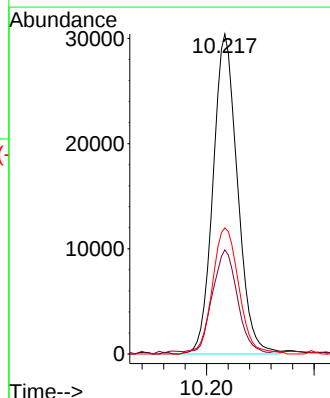
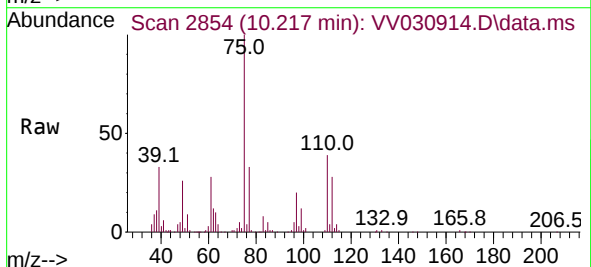
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

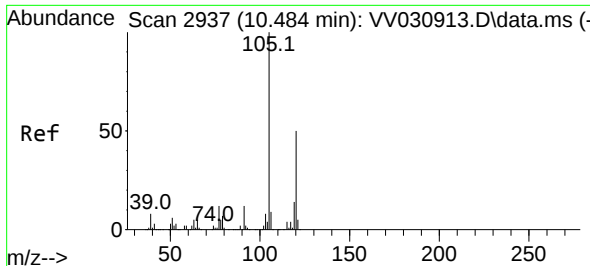
Tgt Ion:105 Resp: 450095
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.4
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 9.452 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion: 75 Resp: 48069
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 42.7 34.0 51.0

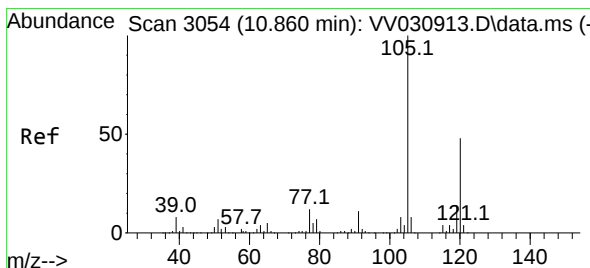
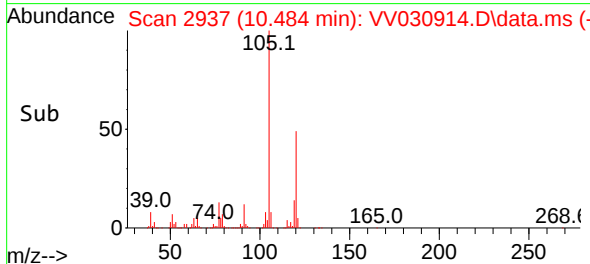
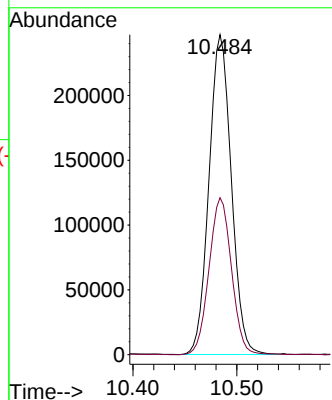
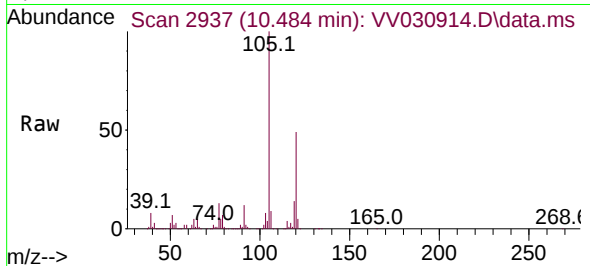




#62
1,3,5-Trimethylbenzene
Concen: 10.353 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

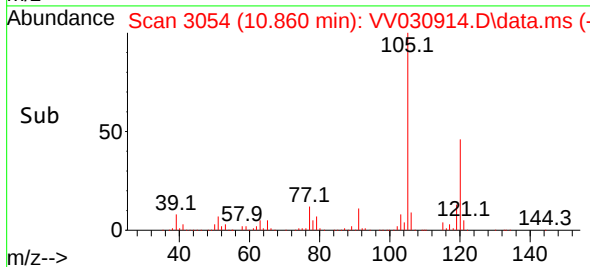
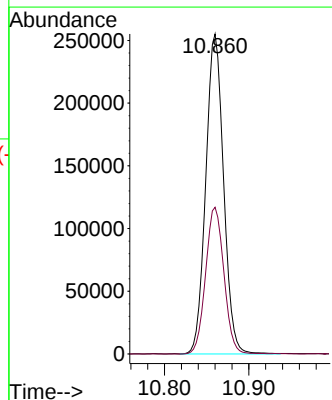
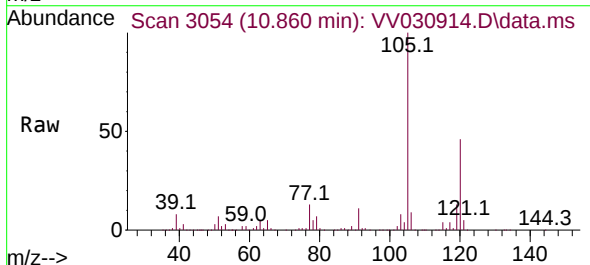
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

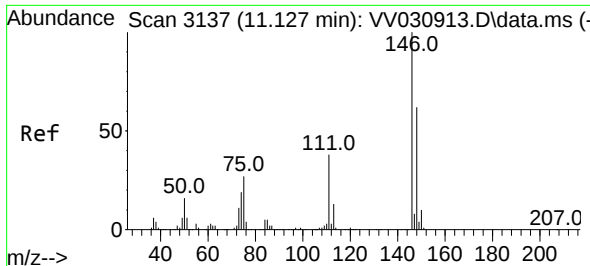
Tgt Ion:105 Resp: 367897
Ion Ratio Lower Upper
105 100
120 49.5 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 10.451 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion:105 Resp: 376275
Ion Ratio Lower Upper
105 100
120 47.1 37.9 56.9

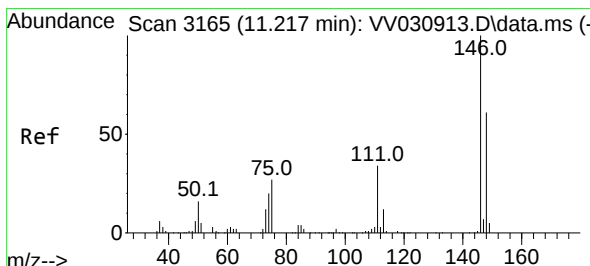
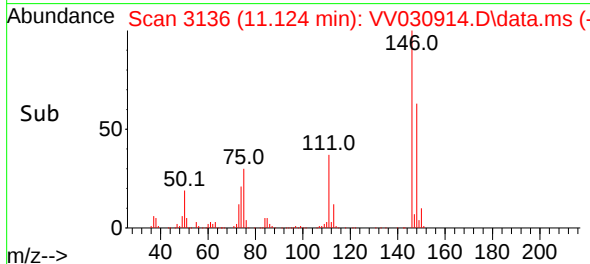
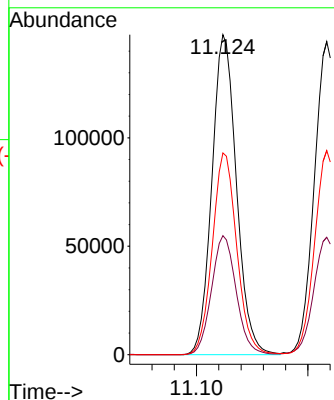
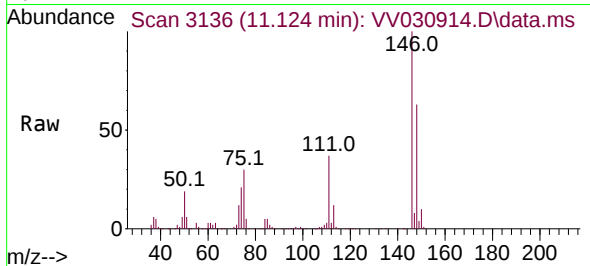




#64
1,3-Dichlorobenzene
Concen: 10.071 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

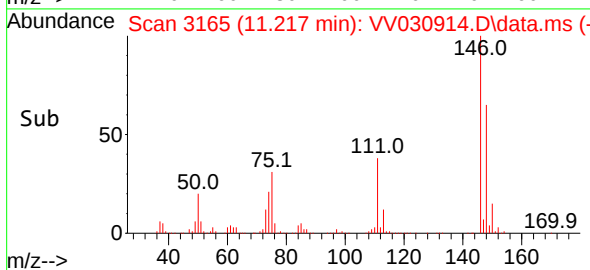
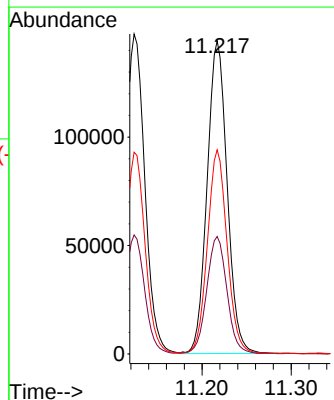
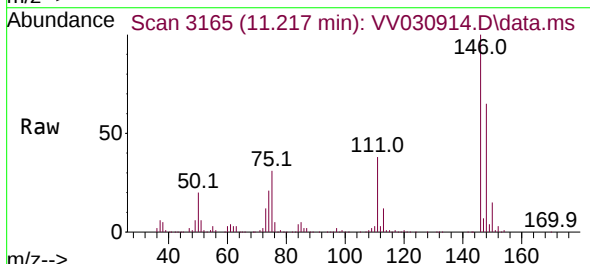
Instrument :
MSVOA_V
ClientSampleId :
VSTD010236

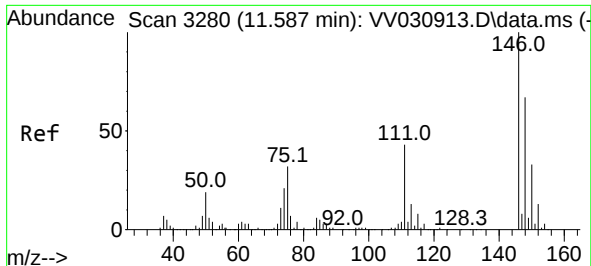
Tgt Ion:146 Resp: 225763
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.3
148 63.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 9.942 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030914.D
Acq: 28 Apr 2023 12:02

Tgt Ion:146 Resp: 224852
Ion Ratio Lower Upper
146 100
111 37.5 23.9 44.5
148 65.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 10.131 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD010236

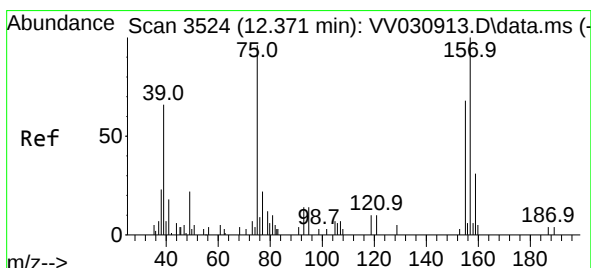
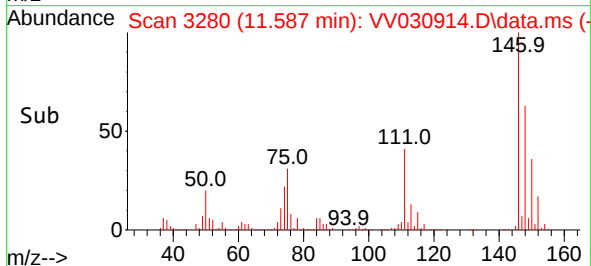
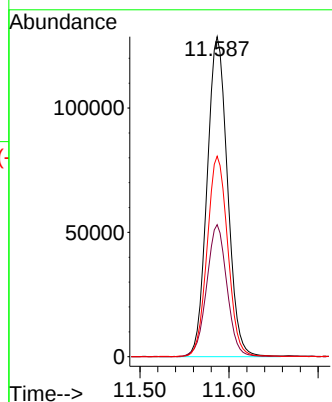
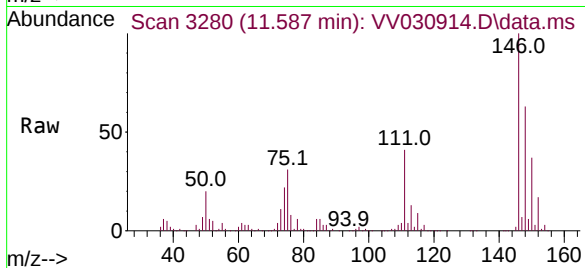
Tgt Ion:146 Resp: 204204

Ion Ratio Lower Upper

146 100

111 41.3 34.0 51.0

148 62.7 53.8 80.6



#68

1,2-Dibromo-3-chloropropane

Concen: 9.110 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

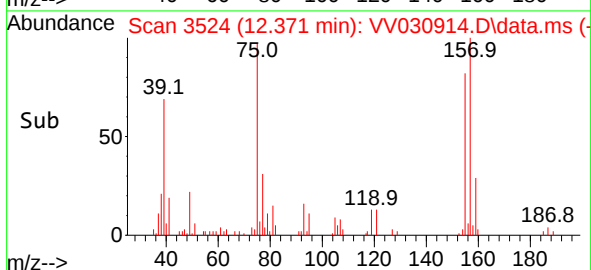
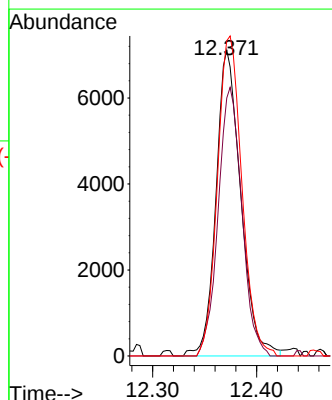
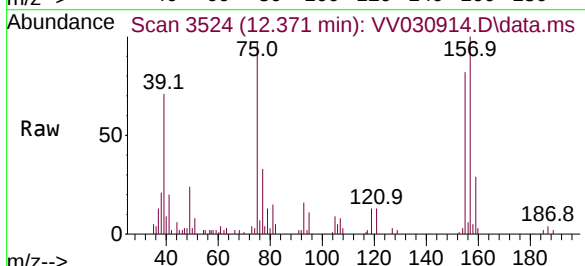
Tgt Ion: 75 Resp: 11762

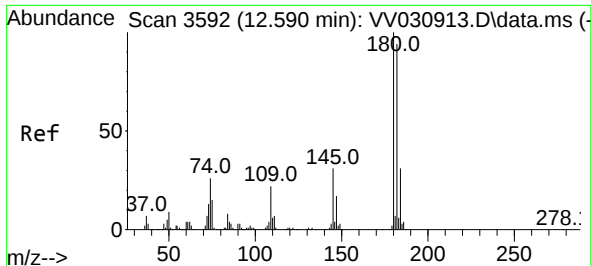
Ion Ratio Lower Upper

75 100

155 84.3 56.2 84.4

157 103.1 83.1 124.7

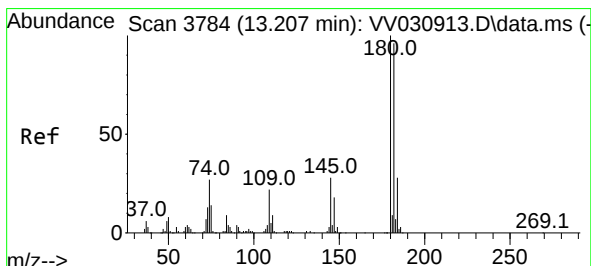
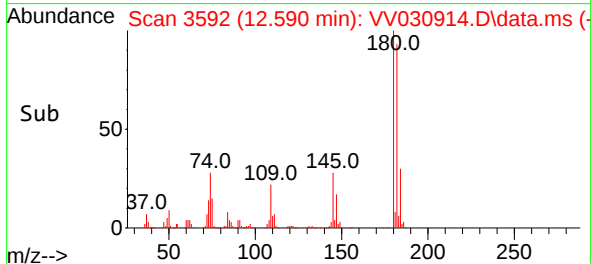
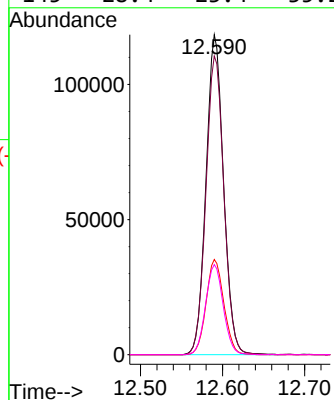
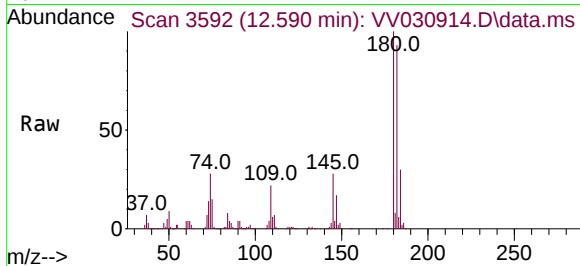




#69
 1,3,5-Trichlorobenzene
 Concen: 9.938 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV030914.D
 Acq: 28 Apr 2023 12:02

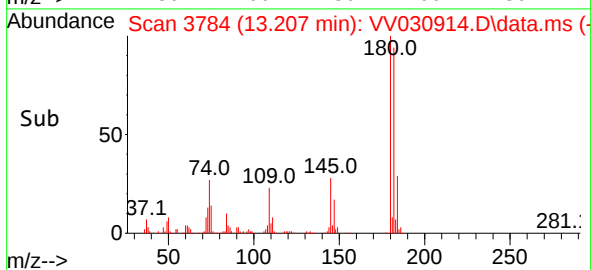
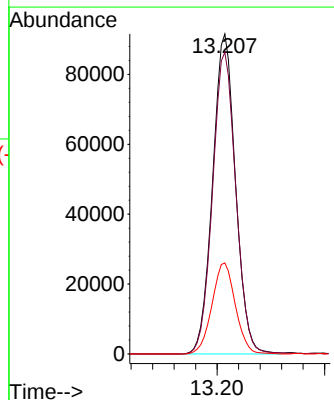
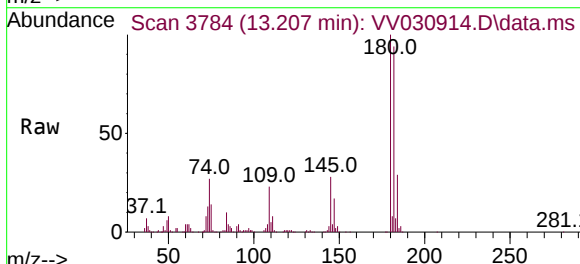
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010236

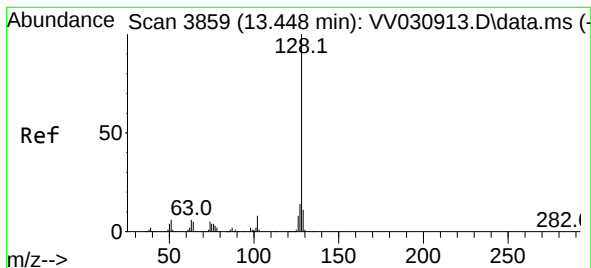
Tgt Ion:180	Resp:	176399
Ion	Ratio	Lower Upper
180	100	
182	95.5	75.1 112.7
184	30.1	24.1 36.1
145	28.4	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 9.910 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.000 min
 Lab File: VV030914.D
 Acq: 28 Apr 2023 12:02

Tgt Ion:180	Resp:	135162
Ion	Ratio	Lower Upper
180	100	
182	96.0	76.0 114.0
145	29.1	22.9 34.3





#71

Naphthalene

Concen: 9.063 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD010236

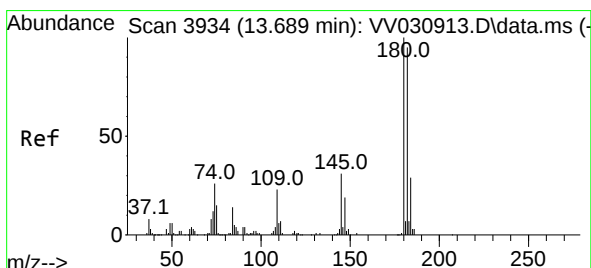
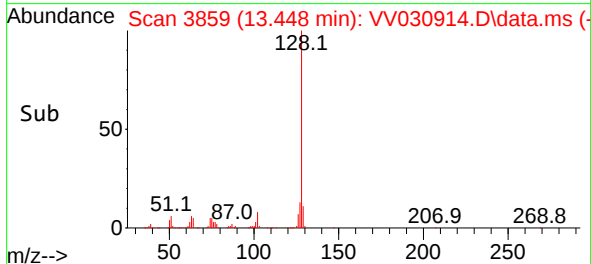
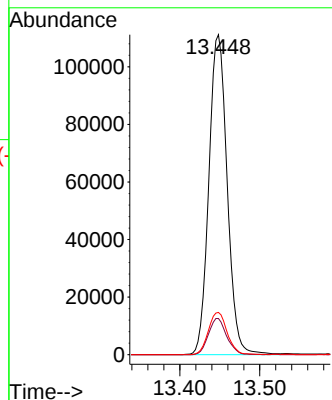
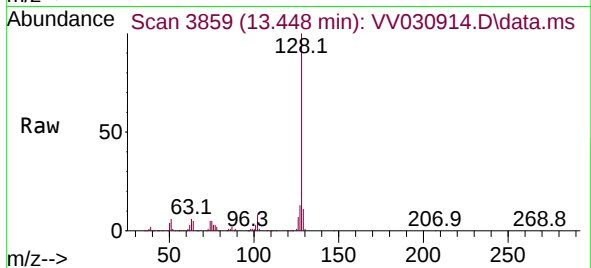
Tgt Ion:128 Resp: 177264

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.6 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 10.116 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030914.D

Acq: 28 Apr 2023 12:02

Tgt Ion:180 Resp: 116797

Ion Ratio Lower Upper

180 100

182 95.0 77.3 115.9

145 30.6 24.7 37.1

