

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029403.D
 Acq On : 13 Jun 2022 10:40
 Operator : JC/MD
 Sample : VSTD01067
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010667

Quant Time: Jun 13 12:09:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 12:07:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	423072	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	384974	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	190374	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	34151	9.245	ug/L	0.00
7) Chloroethane-d5	1.666	69	23792	10.167	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	60817	8.660	ug/L	0.00
21) 2-Butanone-d5	4.465	46	49671	19.155	ug/L	0.00
24) Chloroform-d	5.062	84	63558	9.145	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	41277	9.169	ug/L	0.00
32) Benzene-d6	5.976	84	122827	9.065	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	35894	8.912	ug/L	0.00
41) Toluene-d8	8.653	98	116297	9.374	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	16392	8.817	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	37085	20.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	51738	10.370	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	39863	9.272	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	43590	9.461	ug/L	99
3) Chloromethane	1.288	50	41006	10.982	ug/L	97
5) Vinyl chloride	1.374	62	39992	10.678	ug/L	100
6) Bromomethane	1.611	94	19415	11.920	ug/L	99
8) Chloroethane	1.691	64	23793	11.617	ug/L	95
9) Trichlorofluoromethane	1.886	101	56939	10.798	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	33894	10.254	ug/L	98
12) 1,1-Dichloroethene	2.319	96	30368	9.977	ug/L	88
13) Acetone	2.392	43	39322	18.344	ug/L	97
14) Carbon disulfide	2.514	76	81073	9.099	ug/L	99
15) Methyl Acetate	2.709	43	34601	9.940	ug/L #	89
16) Methylene chloride	2.788	84	33528	10.035	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	32274	10.006	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	109587	10.842	ug/L	96
19) 1,1-Dichloroethane	3.611	63	57534	9.969	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	36530	10.258	ug/L	91
22) 2-Butanone	4.568	43	53436	18.780	ug/L	96
23) Bromochloromethane	4.903	128	18114	10.000	ug/L	95
25) Chloroform	5.092	83	63552	10.242	ug/L	100
27) 1,2-Dichloroethane	6.092	62	49076	10.208	ug/L #	94
29) Cyclohexane	5.470	56	56177	10.385	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	56000	10.666	ug/L	99
31) Carbon tetrachloride	5.678	117	44781	9.784	ug/L	97
33) Benzene	6.037	78	134603	10.438	ug/L	100
34) Trichloroethene	7.129	95	47776	12.790	ug/L	98
35) Methylcyclohexane	7.379	83	60286	10.809	ug/L	98
37) 1,2-Dichloropropane	7.434	63	32264	9.933	ug/L	99
38) Bromodichloromethane	7.824	83	46276	10.564	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	49699	10.161	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	97867	21.196	ug/L	95
42) Toluene	8.720	91	145676	10.469	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	44665	9.713	ug/L	99

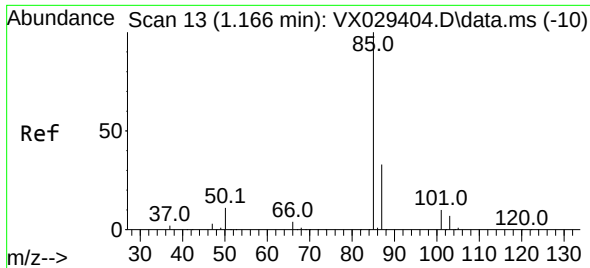
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029403.D
 Acq On : 13 Jun 2022 10:40
 Operator : JC/MD
 Sample : VSTD01067
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01067

Quant Time: Jun 13 12:09:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 12:07:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	33872	10.593	ug/L	97
46) Tetrachloroethene	9.275	164	27199	10.073	ug/L	94
48) 2-Hexanone	9.433	43	77528	20.919	ug/L	95
49) Dibromochloromethane	9.525	129	33632	9.672	ug/L	98
50) 1,2-Dibromoethane	9.610	107	35672	10.566	ug/L	98
51) Chlorobenzene	10.079	112	92487	10.435	ug/L	98
52) Ethylbenzene	10.195	91	160707	10.682	ug/L	96
53) m,p-Xylene	10.305	106	61295	10.356	ug/L	95
54) o-Xylene	10.640	106	60653	10.639	ug/L	94
55) Styrene	10.659	104	101619	10.522	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	53455	12.074	ug/L	98
59) Bromoform	10.799	173	21796	9.659	ug/L	98
60) Isopropylbenzene	10.963	105	162835	11.233	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	43865	11.460	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	137966	13.143	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	136249	11.220	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	65095	10.265	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	66869	10.481	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	68342	11.045	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	11487	11.964	ug/L	90
69) 1,3,5-Trichlorobenzene	13.115	180	44754	10.238	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	39227	10.173	ug/L	97
71) Naphthalene	13.780	128	147235	11.174	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	39946	10.320	ug/L	99

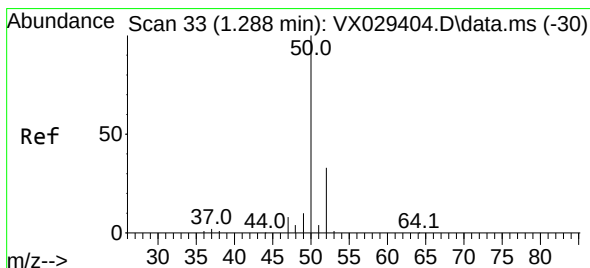
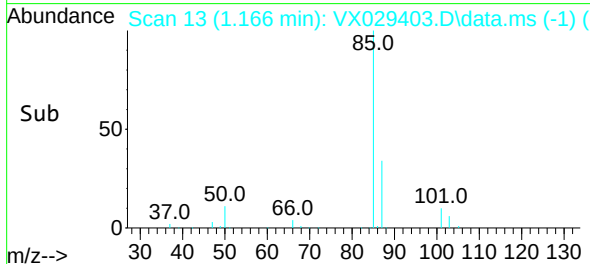
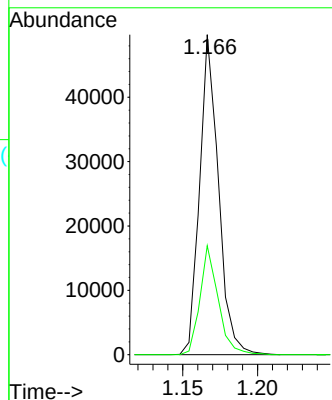
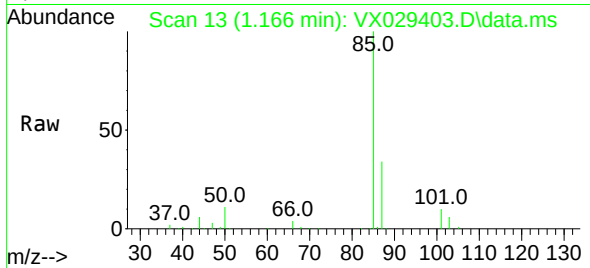
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 9.461 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

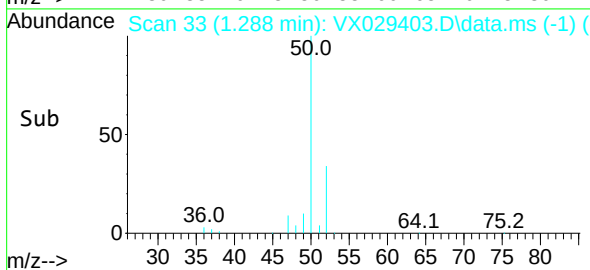
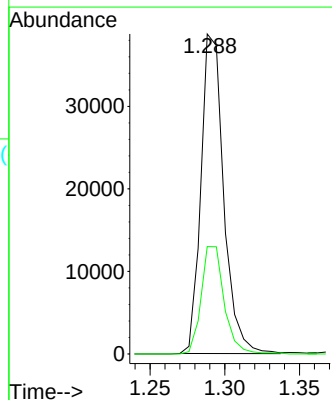
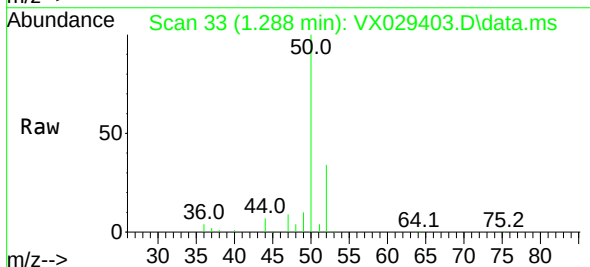
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010667

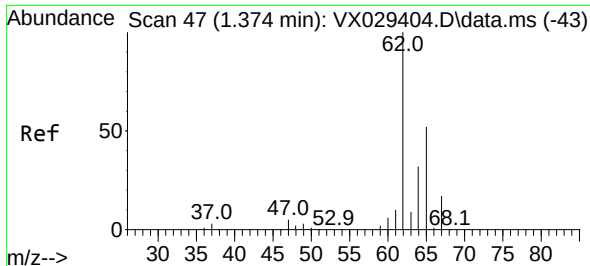
Tgt Ion: 85 Resp: 43590
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.9 38.9



#3
 Chloromethane
 Concen: 10.982 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

Tgt Ion: 50 Resp: 41006
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.5 41.7

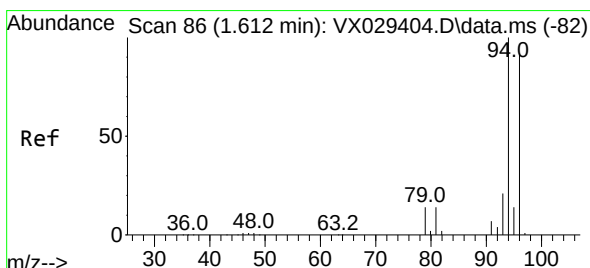
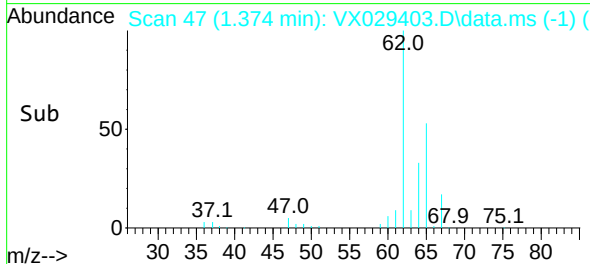
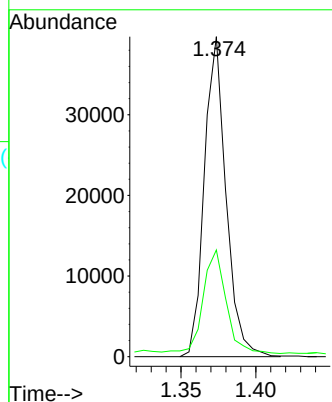
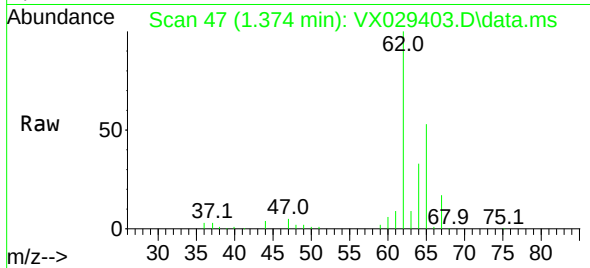




#5
 Vinyl chloride
 Concen: 10.678 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

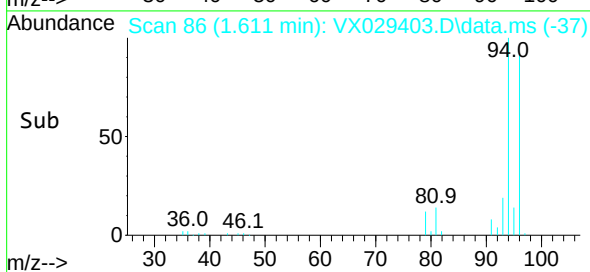
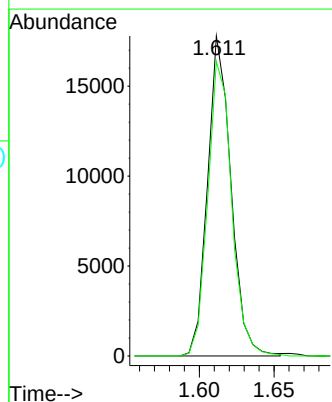
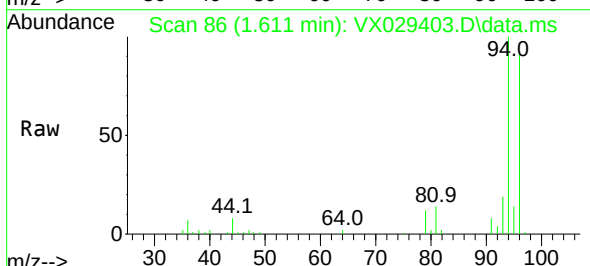
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010667

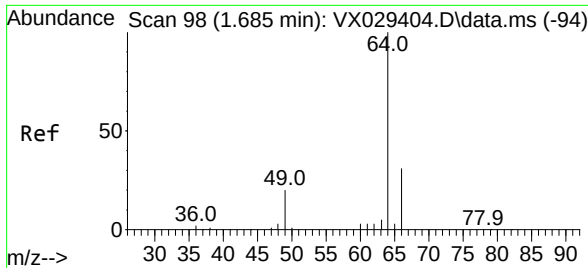
Tgt Ion: 62 Resp: 39992
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.3 43.3



#6
 Bromomethane
 Concen: 11.920 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

Tgt Ion: 94 Resp: 19415
 Ion Ratio Lower Upper
 94 100
 96 92.0 64.9 120.5

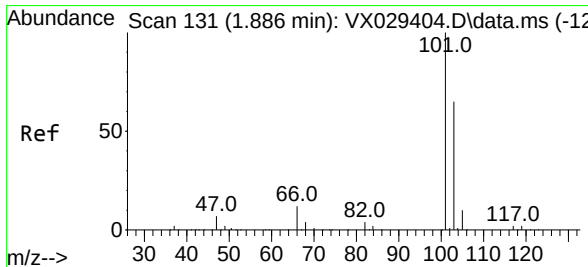
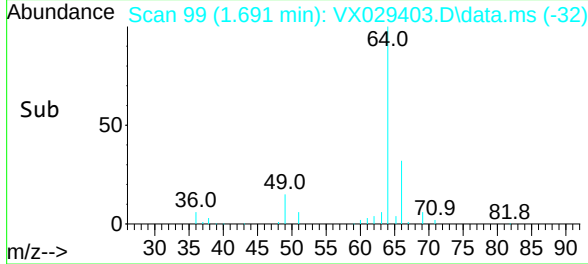
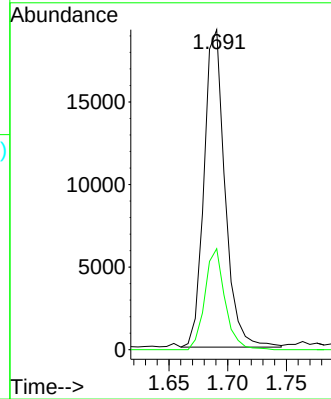
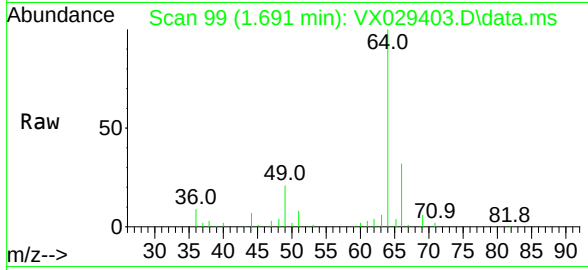




#8
Chloroethane
Concen: 11.617 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

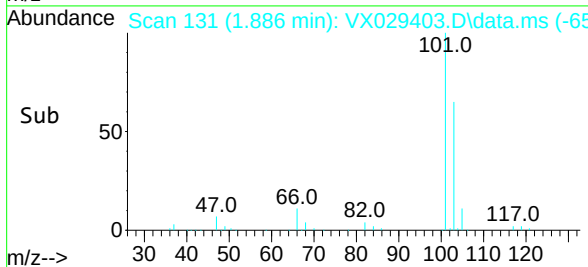
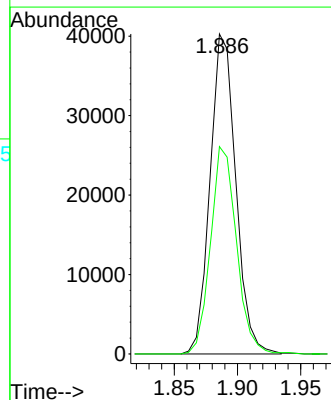
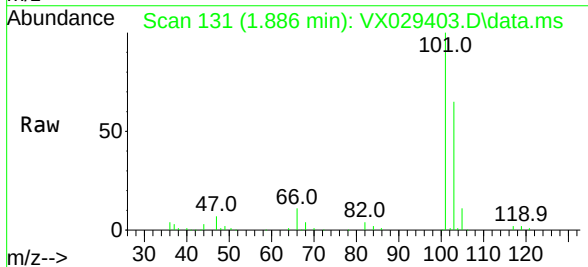
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

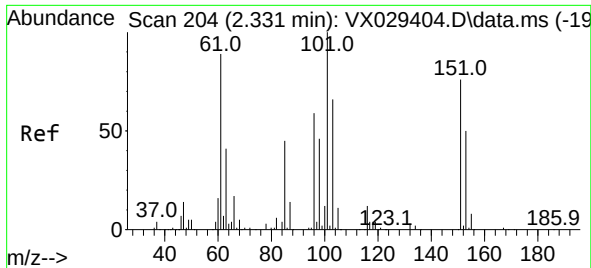
Tgt Ion: 64 Resp: 23793
Ion Ratio Lower Upper
64 100
66 31.6 24.2 45.0



#9
Trichlorofluoromethane
Concen: 10.798 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion:101 Resp: 56939
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

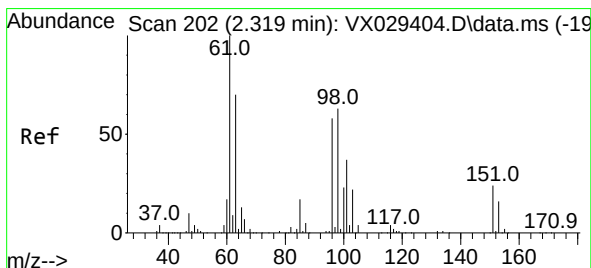
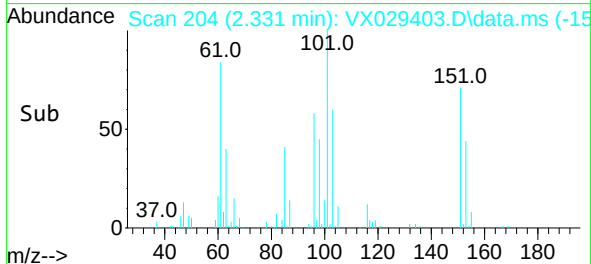
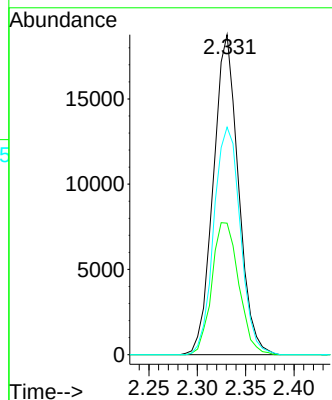
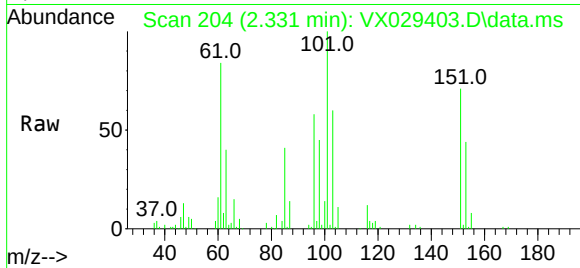




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.254 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

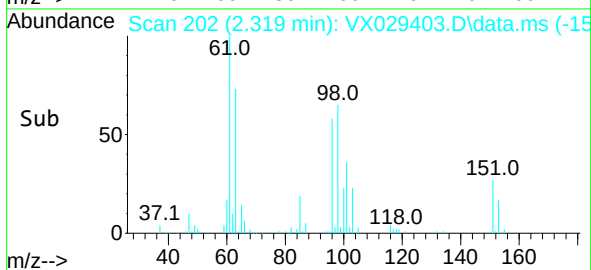
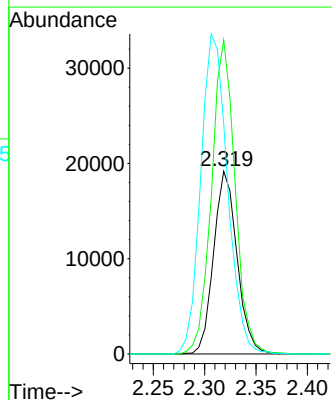
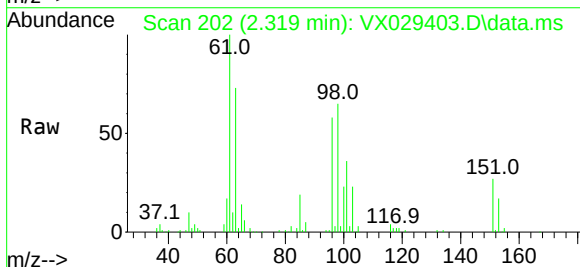
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010667

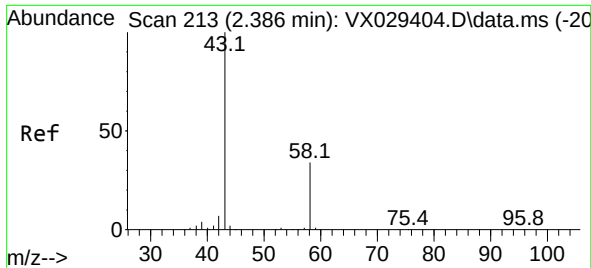
Tgt Ion:101 Resp: 33894
 Ion Ratio Lower Upper
 101 100
 85 44.2 33.9 50.9
 151 75.1 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 9.977 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

Tgt Ion: 96 Resp: 30368
 Ion Ratio Lower Upper
 96 100
 61 171.8 118.2 219.4
 63 126.0 109.6 203.4





#13

Acetone

Concen: 18.344 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

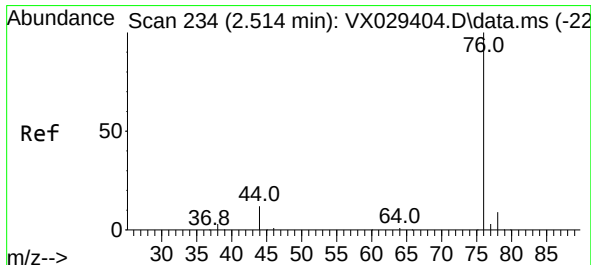
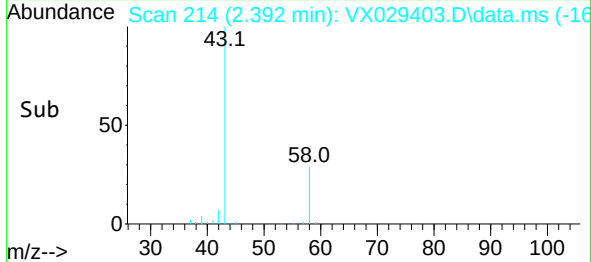
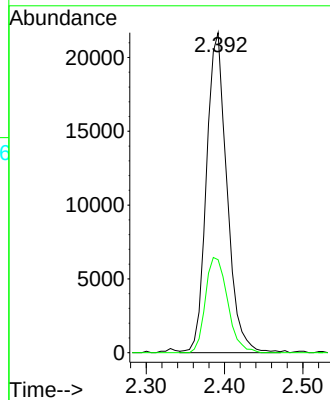
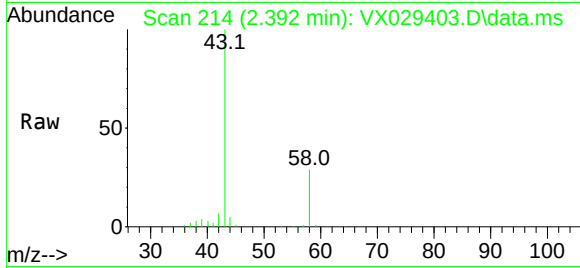
VSTD010667

Tgt Ion: 43 Resp: 39322

Ion Ratio Lower Upper

43 100

58 32.2 0.0 61.4



#14

Carbon disulfide

Concen: 9.099 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX029403.D

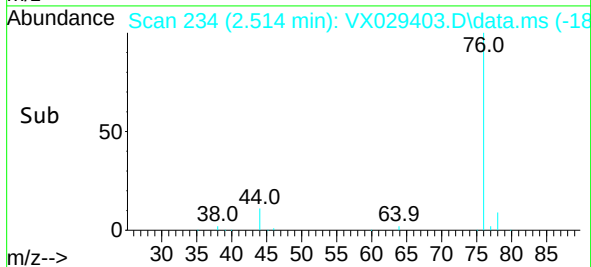
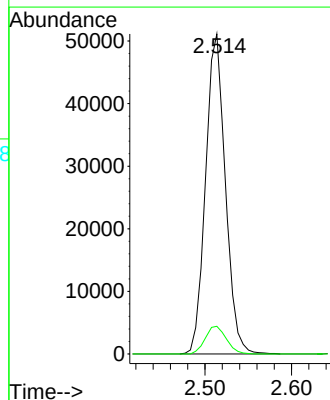
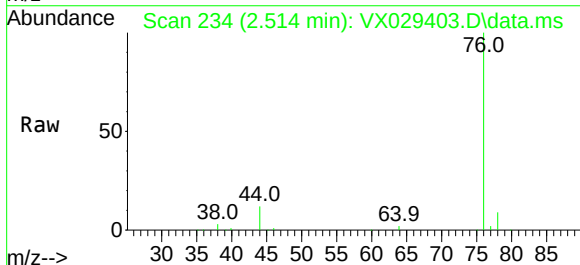
Acq: 13 Jun 2022 10:40

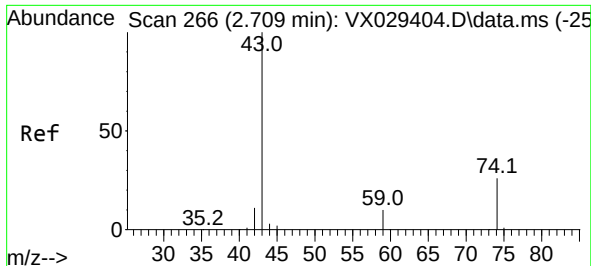
Tgt Ion: 76 Resp: 81073

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

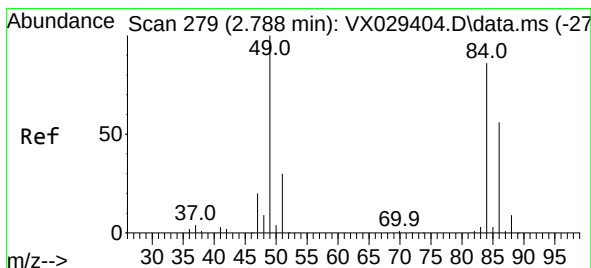
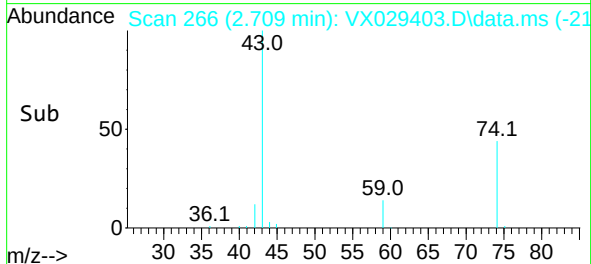
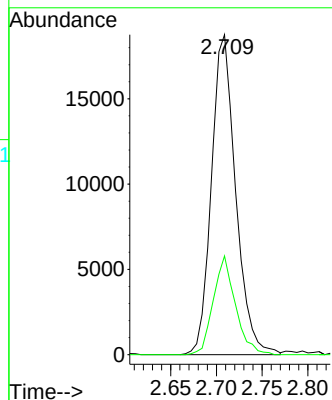
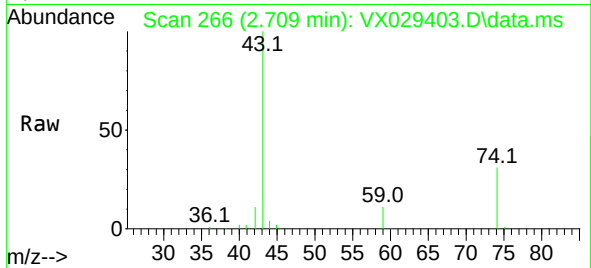




#15
Methyl Acetate
Concen: 9.940 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

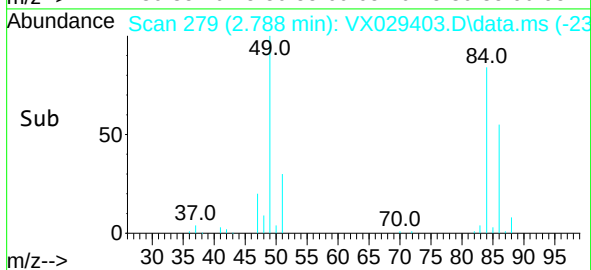
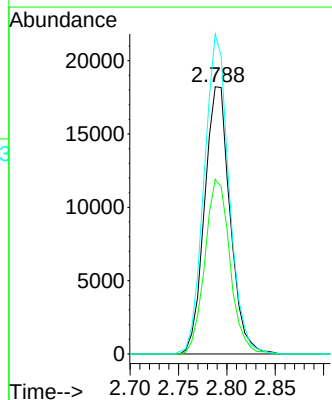
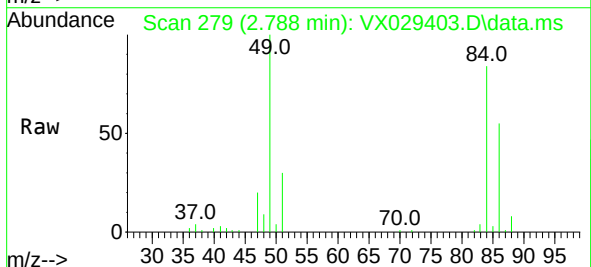
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

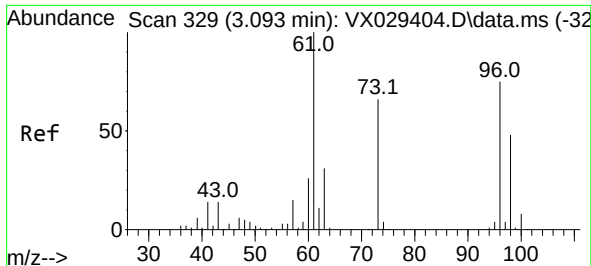
Tgt Ion: 43 Resp: 34601
Ion Ratio Lower Upper
43 100
74 28.2 18.2 27.4#



#16
Methylene chloride
Concen: 10.035 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

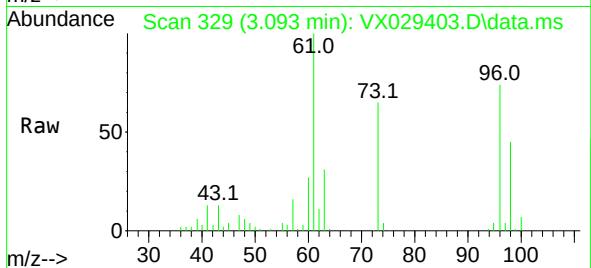
Tgt Ion: 84 Resp: 33528
Ion Ratio Lower Upper
84 100
86 65.3 44.8 83.2
49 119.8 87.0 161.6





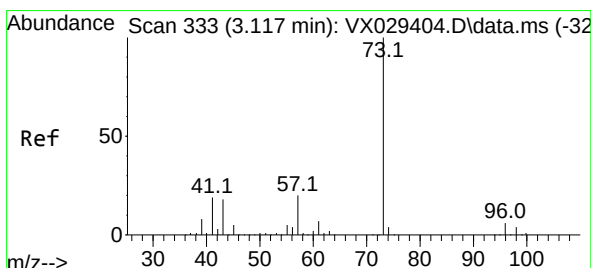
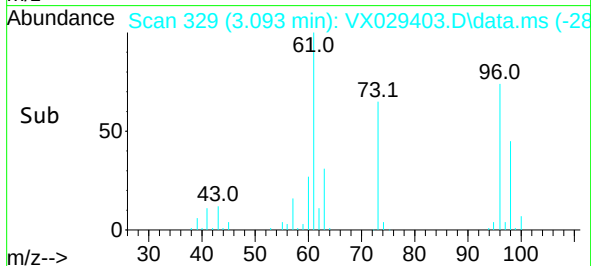
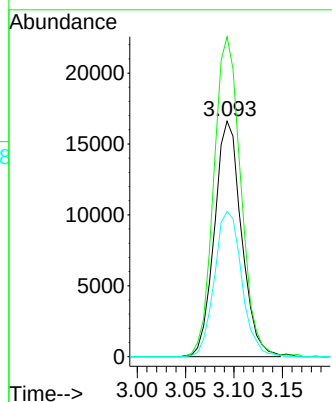
#17
trans-1,2-Dichloroethene
Concen: 10.006 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTD010667



Tgt Ion: 96 Resp: 32274

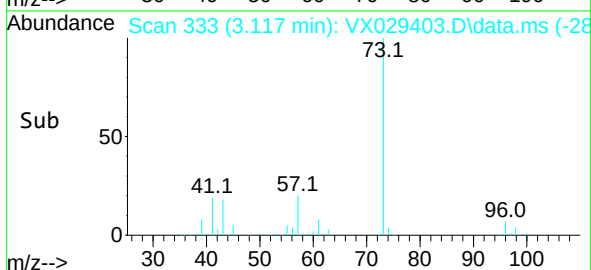
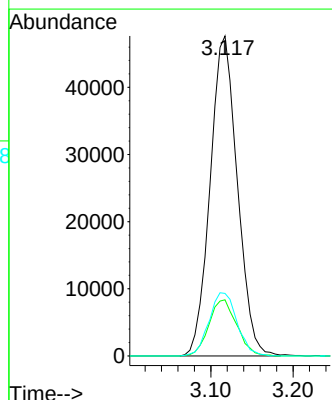
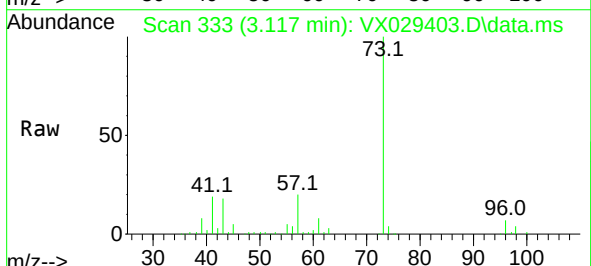
Ion	Ratio	Lower	Upper
96	100		
61	135.8	93.0	172.6
98	61.6	44.3	82.3

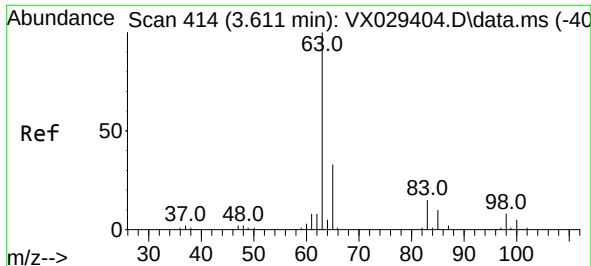


#18
Methyl tert-butyl Ether
Concen: 10.842 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion: 73 Resp: 109587

Ion	Ratio	Lower	Upper
73	100		
43	18.0	16.2	24.4
57	20.3	17.1	25.7





#19

1,1-Dichloroethane

Concen: 9.969 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD010667

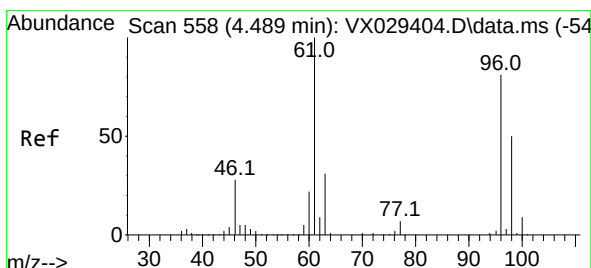
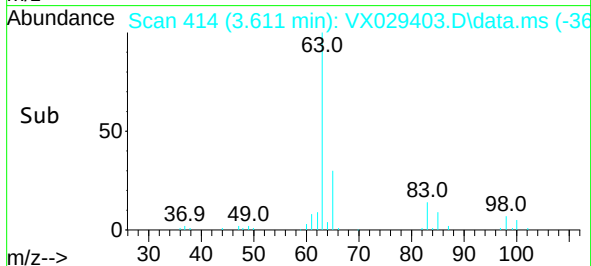
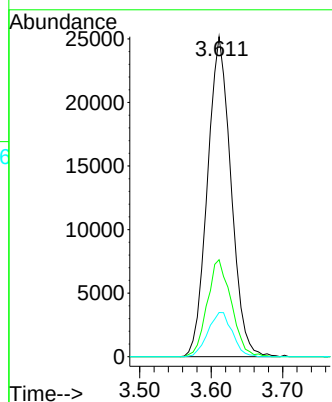
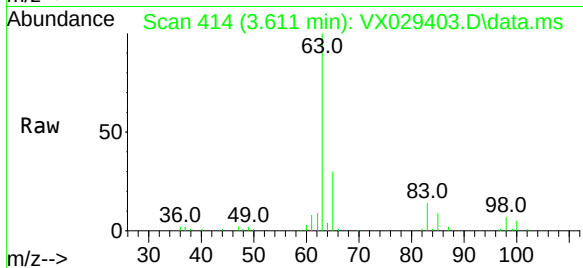
Tgt Ion: 63 Resp: 57534

Ion Ratio Lower Upper

63 100

65 30.3 22.9 42.5

83 13.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 10.258 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

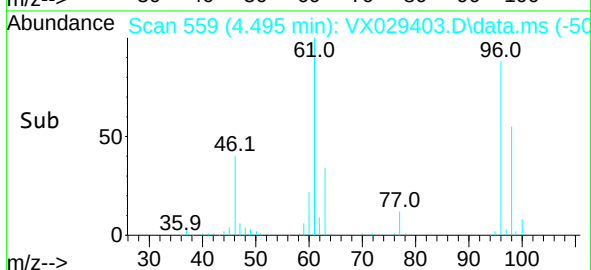
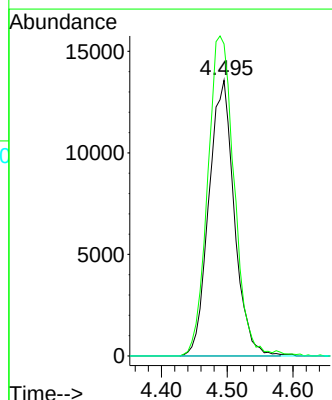
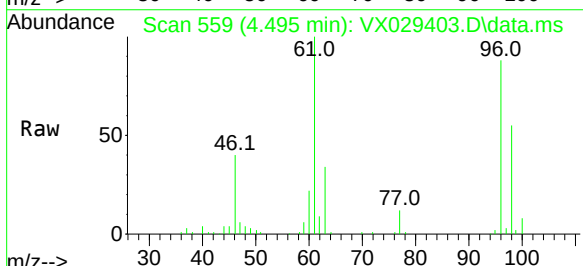
Tgt Ion: 96 Resp: 36530

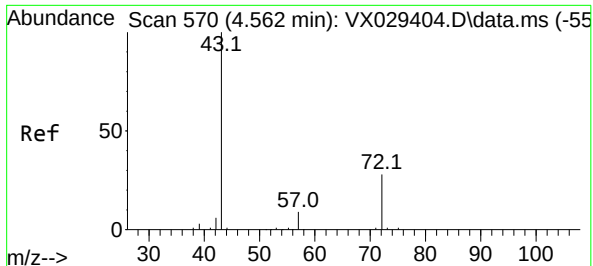
Ion Ratio Lower Upper

96 100

61 113.2 86.7 161.1

68 0.0 0.0 0.0

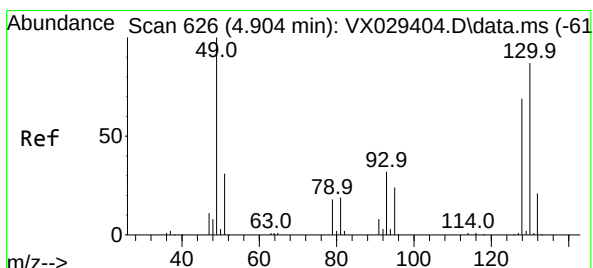
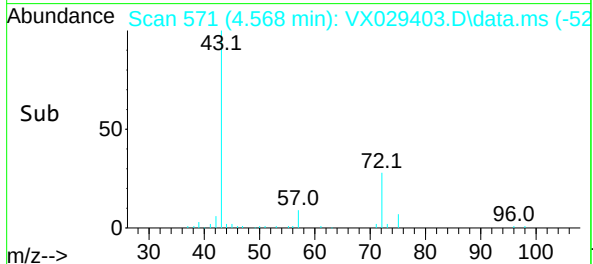
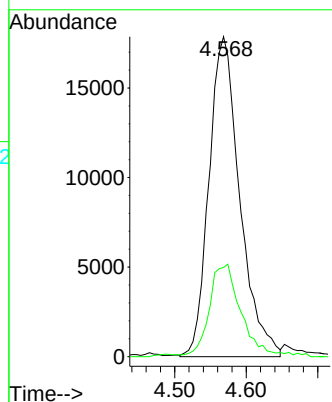
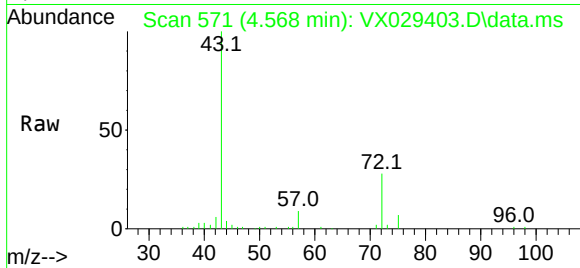




#22
2-Butanone
Concen: 18.780 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

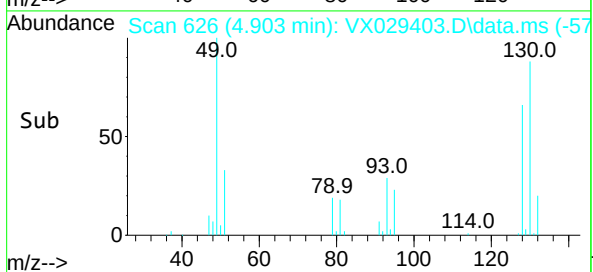
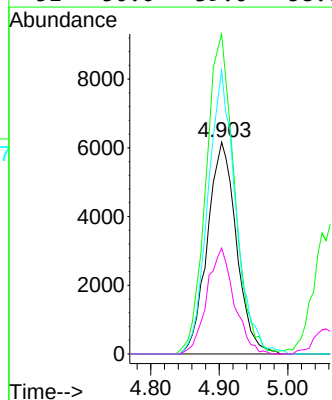
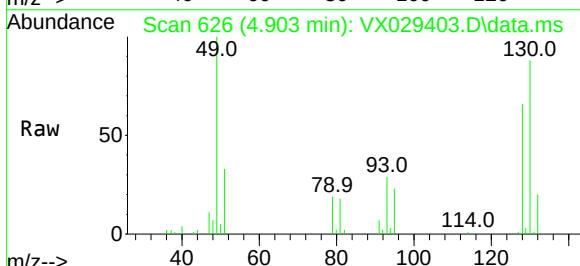
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

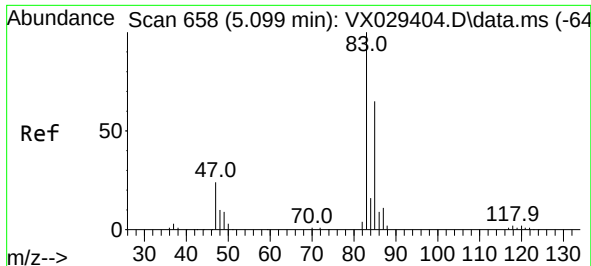
Tgt Ion: 43 Resp: 53436
Ion Ratio Lower Upper
43 100
72 28.4 13.2 39.5



#23
Bromochloromethane
Concen: 10.000 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion: 128 Resp: 18114
Ion Ratio Lower Upper
128 100
49 151.0 110.2 204.6
130 133.6 88.2 163.8
51 50.0 39.0 58.6





#25

Chloroform

Concen: 10.242 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

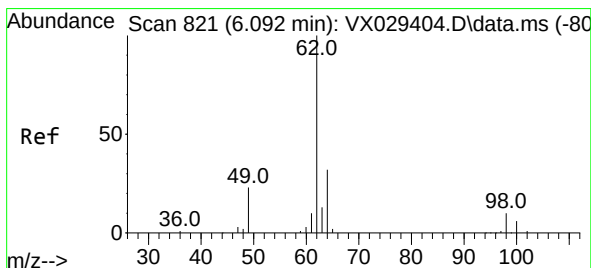
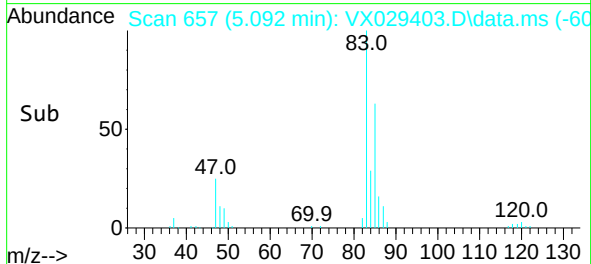
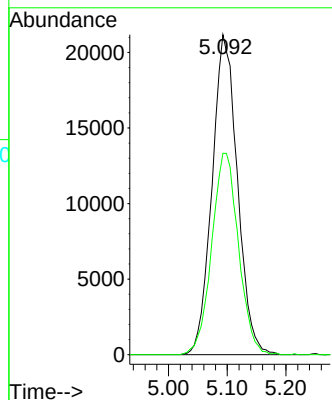
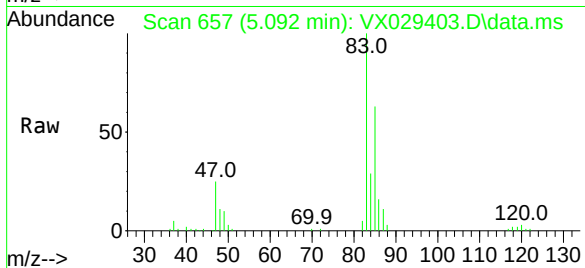
VSTD010667

Tgt Ion: 83 Resp: 63552

Ion Ratio Lower Upper

83 100

85 63.0 44.2 82.2



#27

1,2-Dichloroethane

Concen: 10.208 ug/L

RT: 6.092 min Scan# 821

Delta R.T. -0.000 min

Lab File: VX029403.D

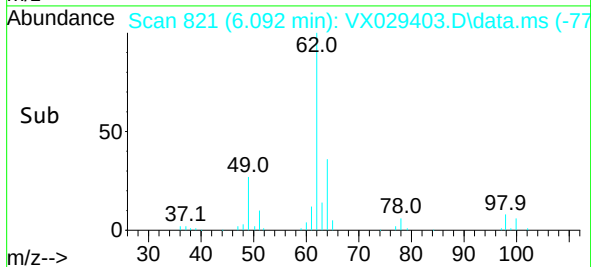
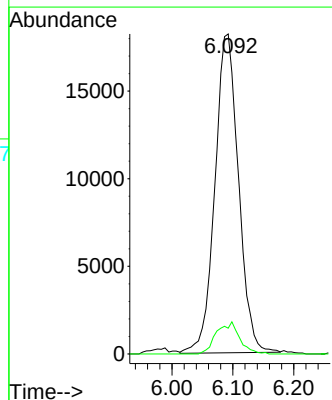
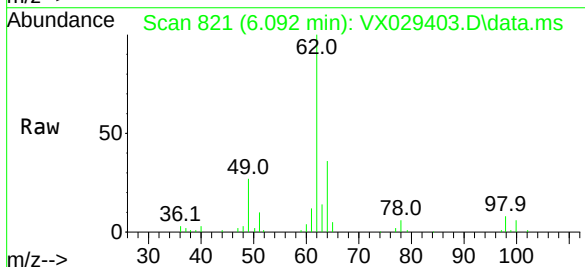
Acq: 13 Jun 2022 10:40

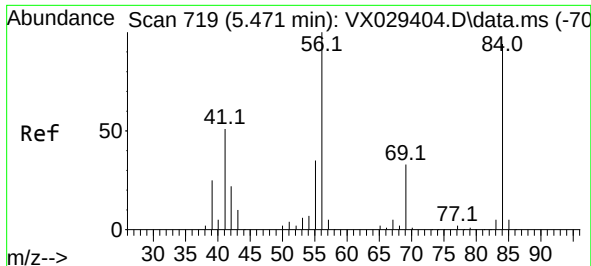
Tgt Ion: 62 Resp: 49076

Ion Ratio Lower Upper

62 100

98 8.1 8.2 12.2#

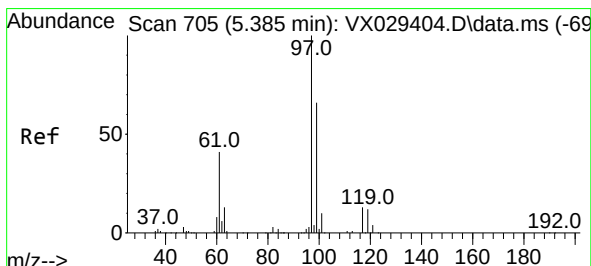
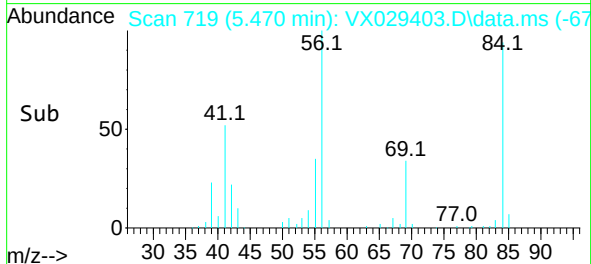
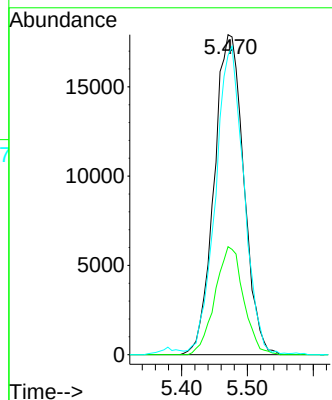
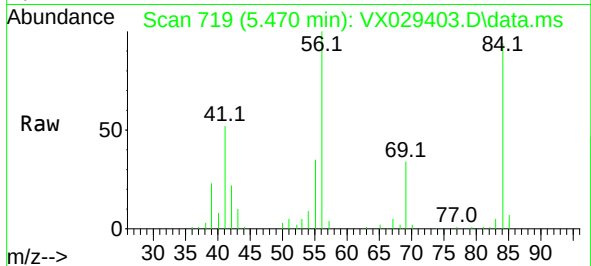




#29
Cyclohexane
Concen: 10.385 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

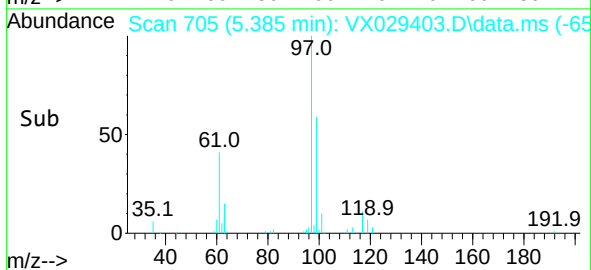
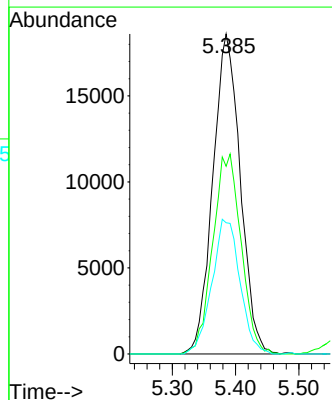
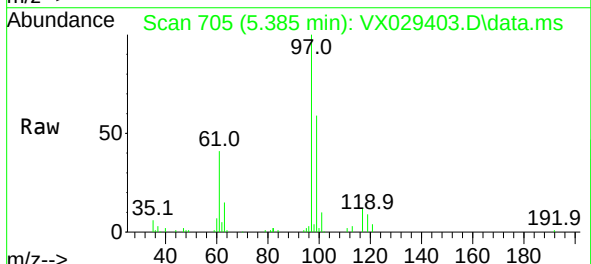
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

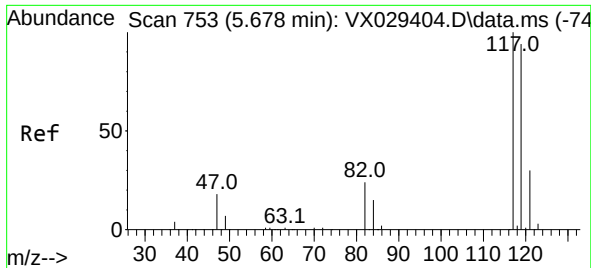
Tgt Ion: 56	Resp: 56177
Ion Ratio	Lower Upper
56 100	
69 32.5	24.6 36.8
84 92.4	69.8 104.8



#30
1,1,1-Trichloroethane
Concen: 10.666 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion: 97	Resp: 56000
Ion Ratio	Lower Upper
97 100	
99 64.6	51.5 77.3
61 42.9	35.2 52.8

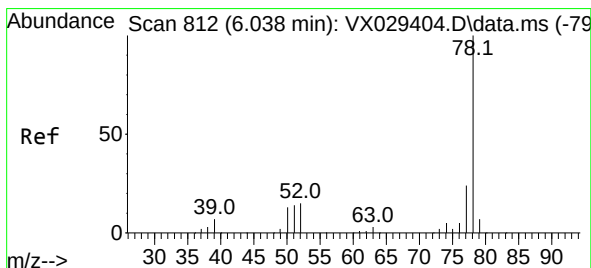
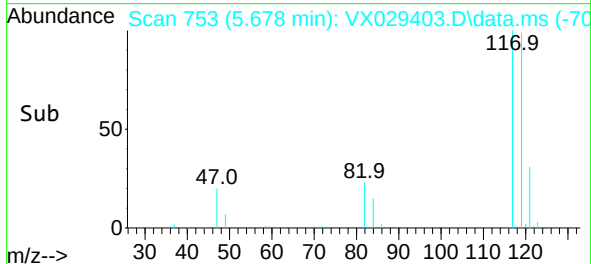
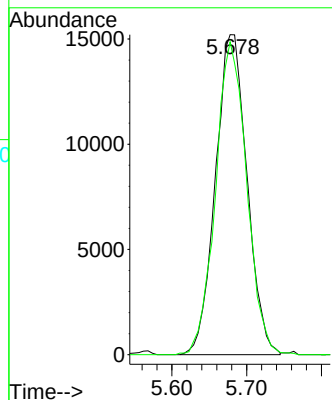
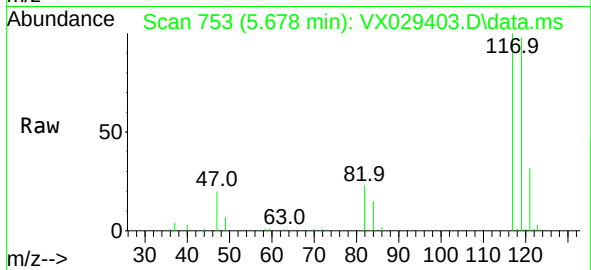




#31
Carbon tetrachloride
Concen: 9.784 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

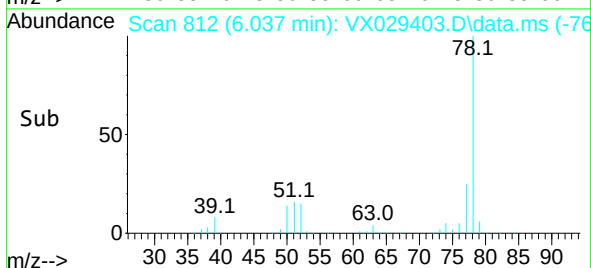
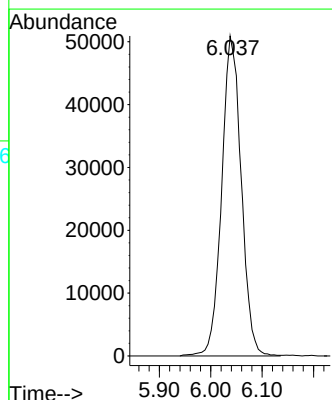
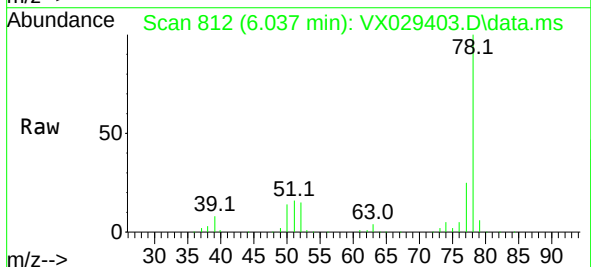
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

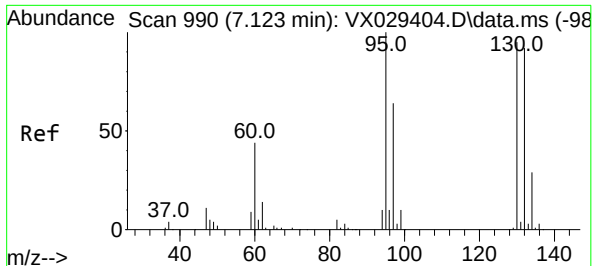
Tgt Ion:117 Resp: 44781
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.8



#33
Benzene
Concen: 10.438 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion: 78 Resp: 134603





#34

Trichloroethene

Concen: 12.790 ug/L

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD010667

Tgt Ion: 95 Resp: 47776

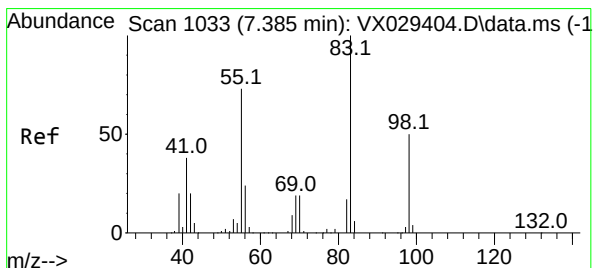
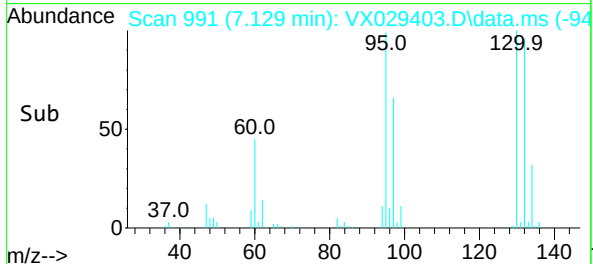
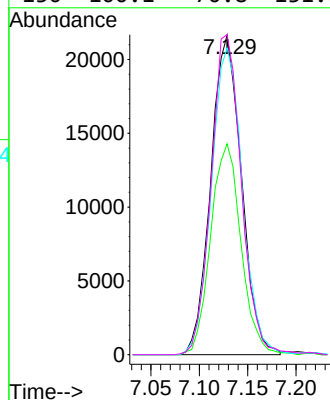
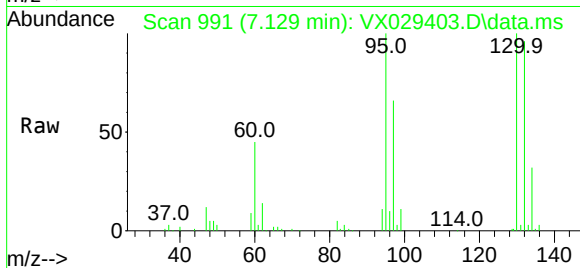
Ion Ratio Lower Upper

95 100

97 66.0 45.5 84.5

132 96.0 69.9 129.7

130 100.1 70.8 131.6



#35

Methylcyclohexane

Concen: 10.809 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

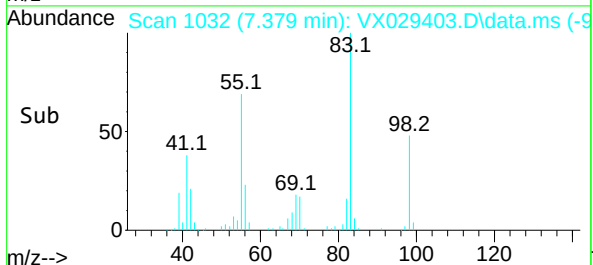
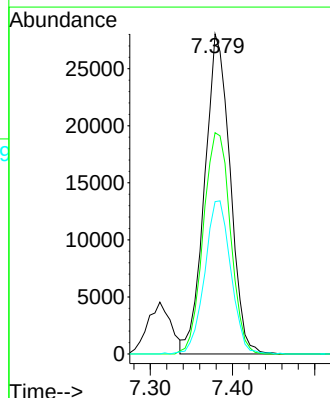
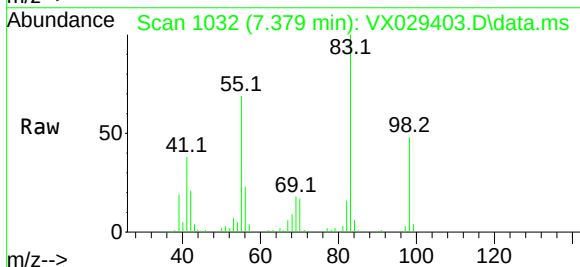
Tgt Ion: 83 Resp: 60286

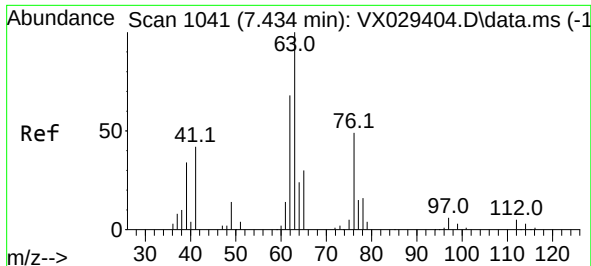
Ion Ratio Lower Upper

83 100

55 73.6 60.6 90.8

98 49.1 39.8 59.8





#37

1,2-Dichloropropane

Concen: 9.933 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

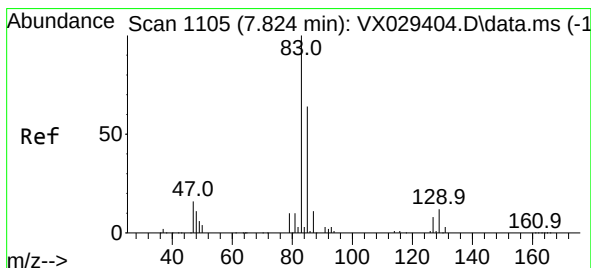
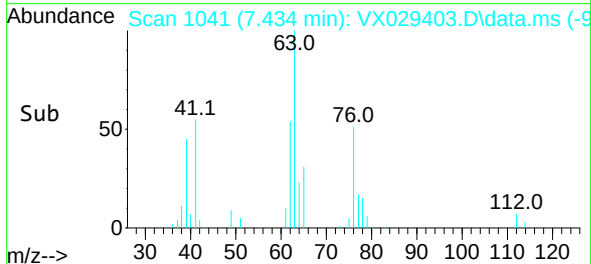
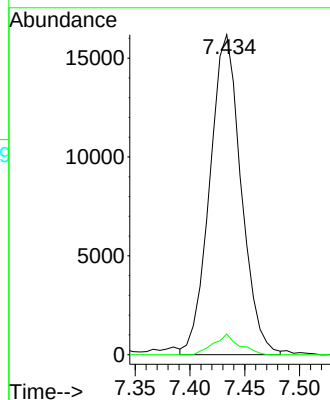
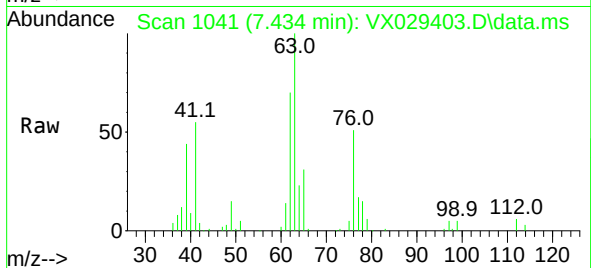
VSTD010667

Tgt Ion: 63 Resp: 32264

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 10.564 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

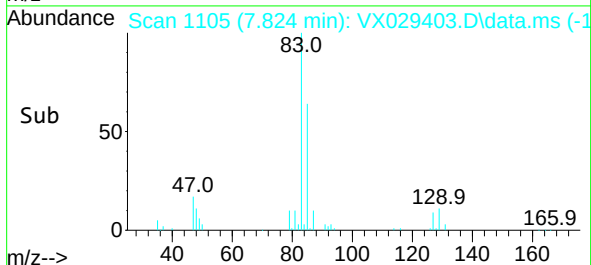
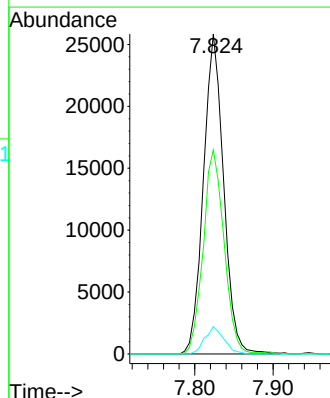
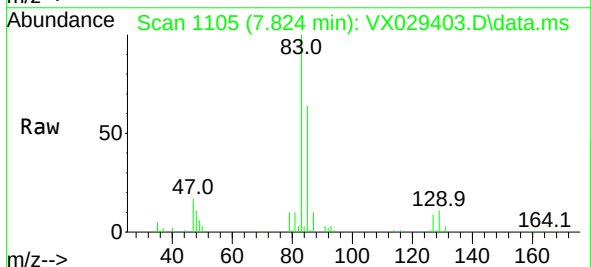
Tgt Ion: 83 Resp: 46276

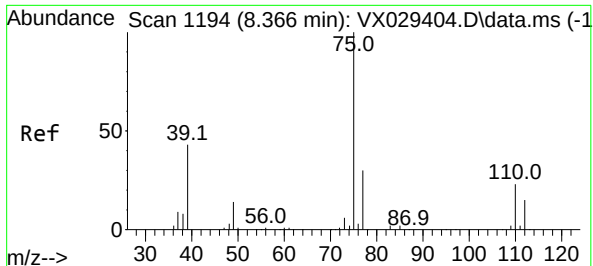
Ion Ratio Lower Upper

83 100

85 63.8 44.7 83.1

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 10.161 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

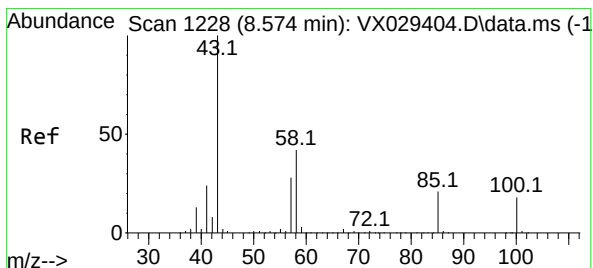
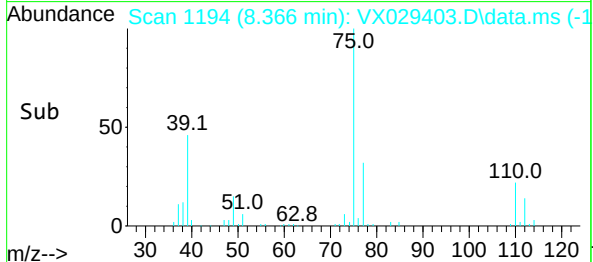
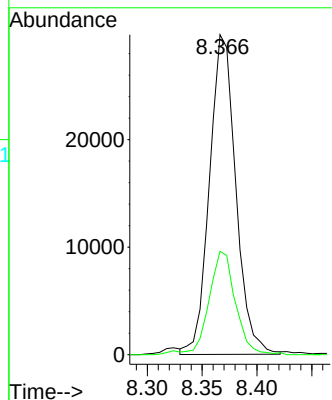
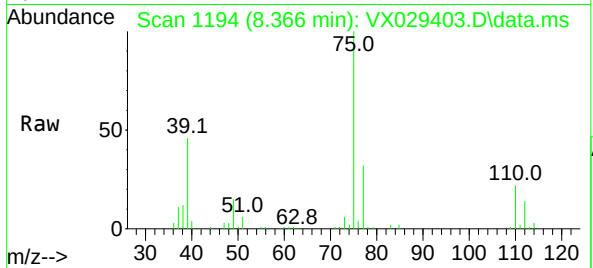
VSTD010667

Tgt Ion: 75 Resp: 49699

Ion Ratio Lower Upper

75 100

77 32.3 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 21.196 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

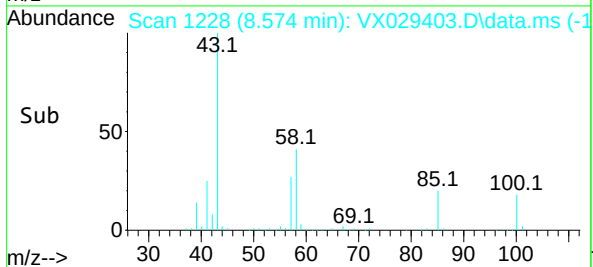
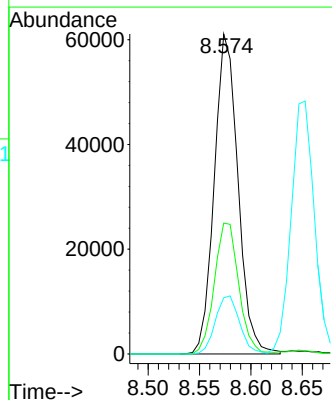
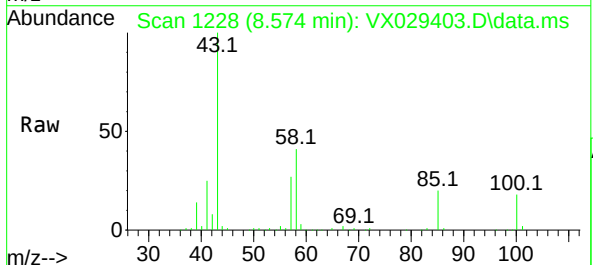
Tgt Ion: 43 Resp: 97867

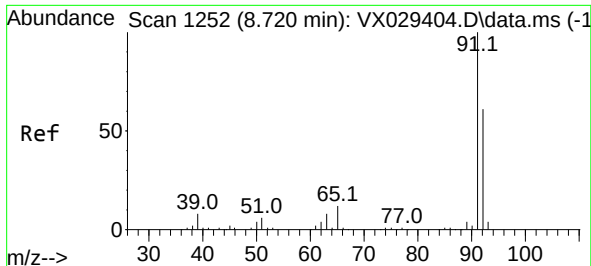
Ion Ratio Lower Upper

43 100

58 42.0 31.0 46.6

100 18.5 13.0 19.4





#42

Toluene

Concen: 10.469 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

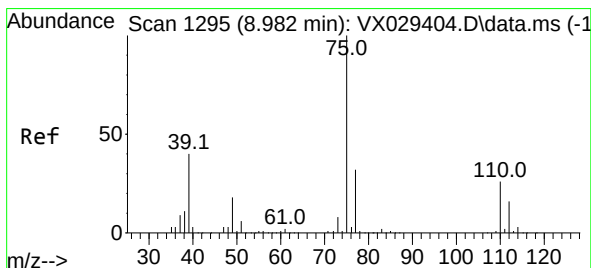
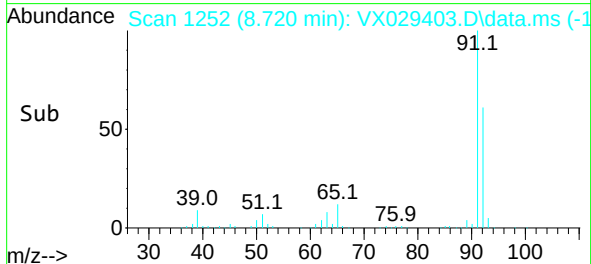
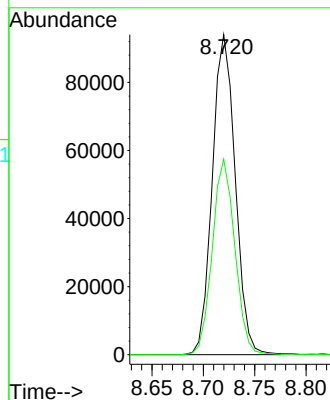
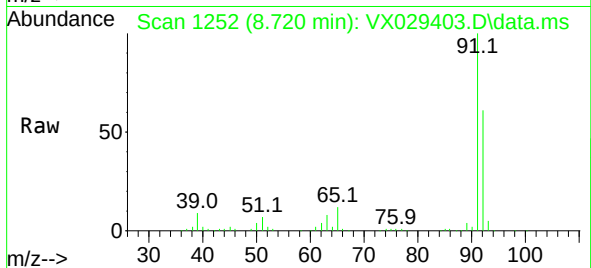
VSTD010667

Tgt Ion: 91 Resp: 145676

Ion Ratio Lower Upper

91 100

92 61.1 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 9.713 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX029403.D

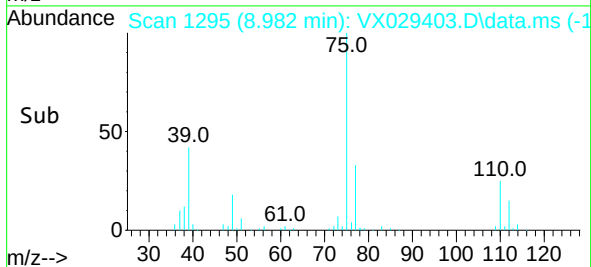
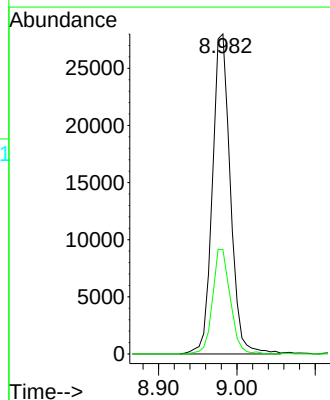
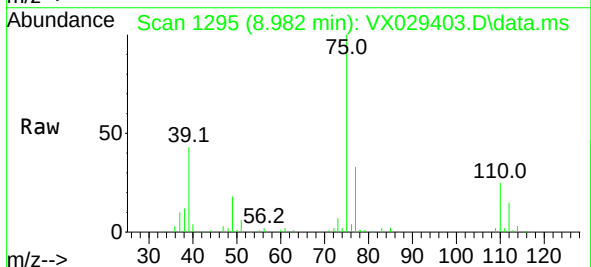
Acq: 13 Jun 2022 10:40

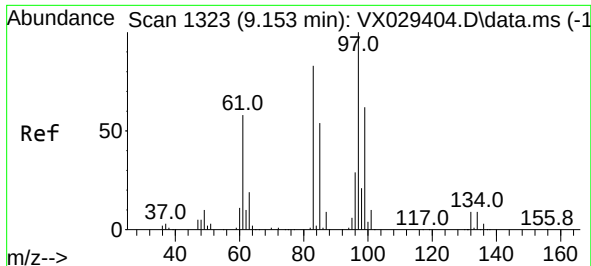
Tgt Ion: 75 Resp: 44665

Ion Ratio Lower Upper

75 100

77 32.6 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 10.593 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD010667

Tgt Ion: 97 Resp: 33872

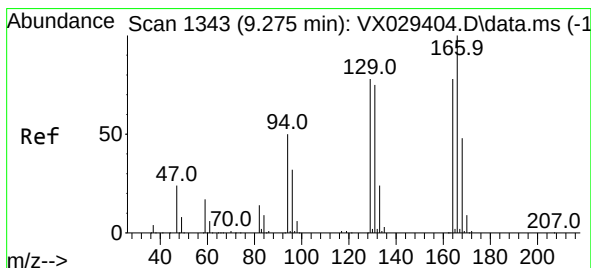
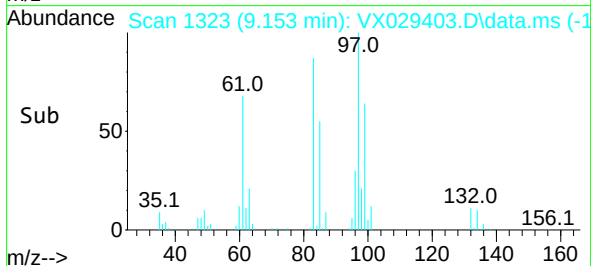
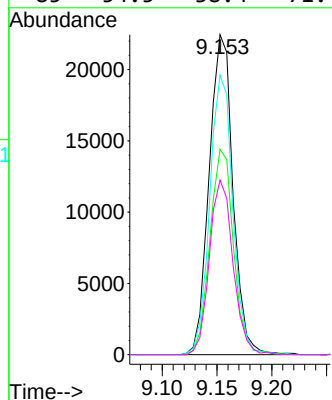
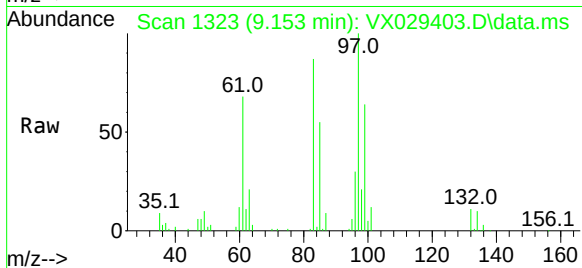
Ion Ratio Lower Upper

97 100

99 64.2 43.3 80.5

83 87.3 57.5 106.9

85 54.5 38.4 71.4



#46

Tetrachloroethene

Concen: 10.073 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Tgt Ion: 164 Resp: 27199

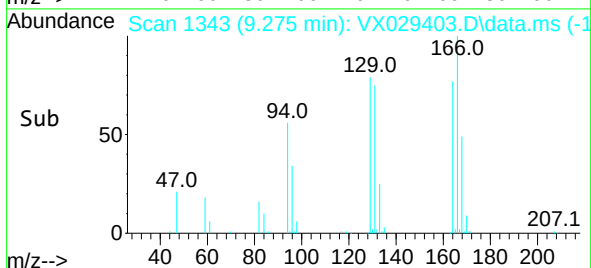
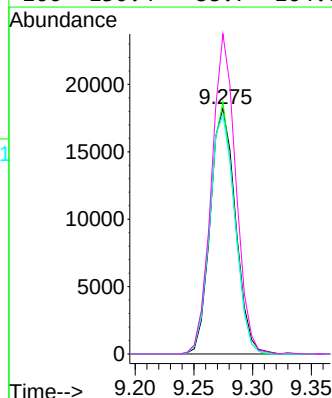
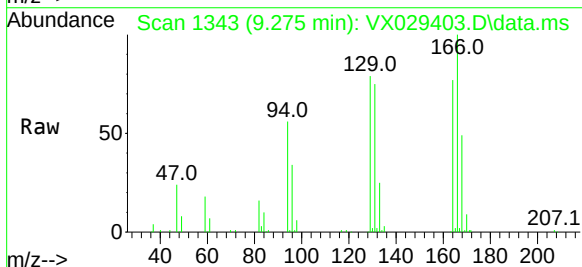
Ion Ratio Lower Upper

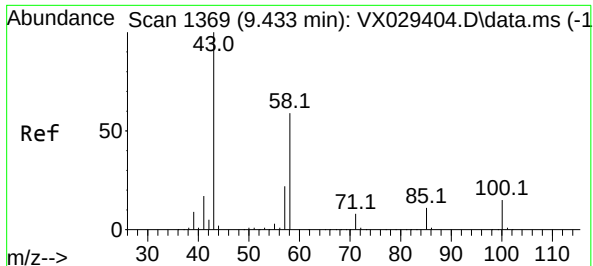
164 100

129 102.8 65.5 121.7

131 97.3 64.3 119.3

166 130.4 88.7 164.7

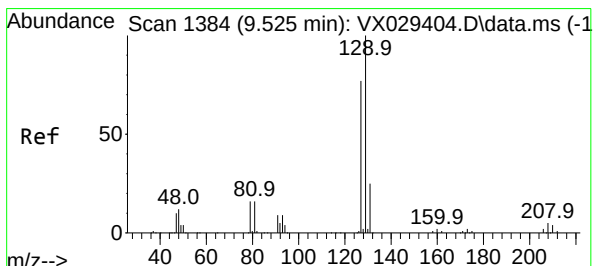
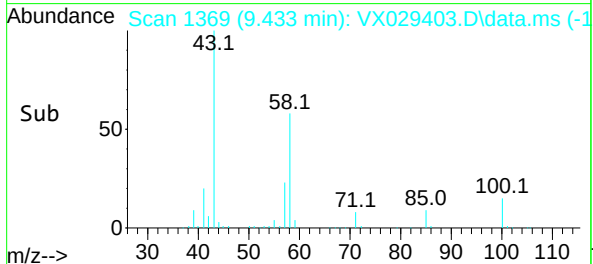
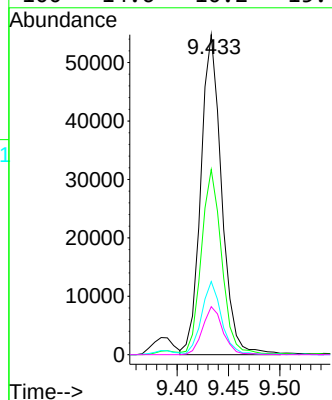
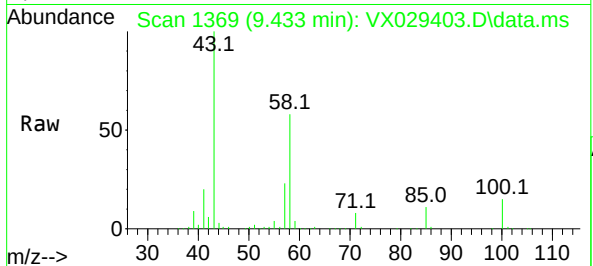




#48
2-Hexanone
Concen: 20.919 ug/L
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

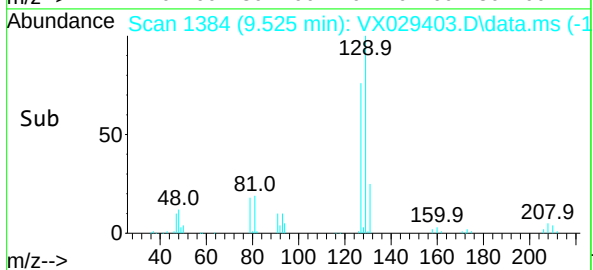
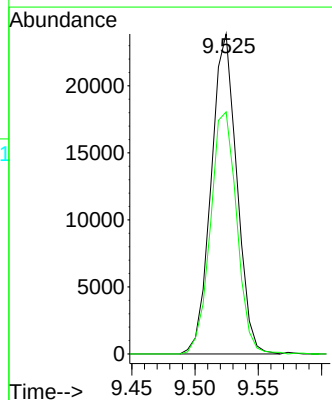
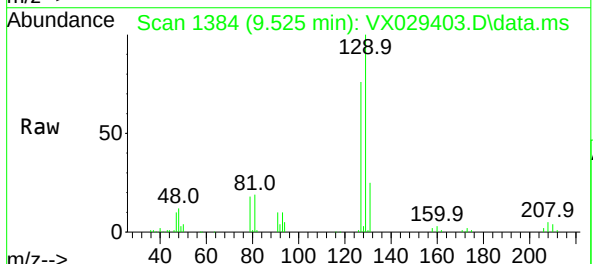
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

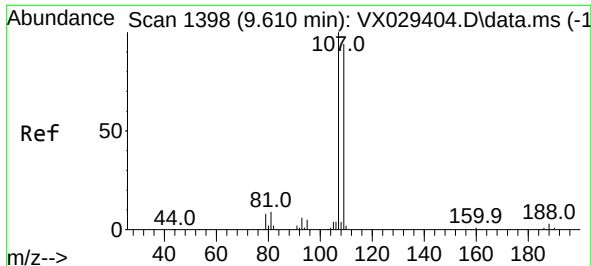
Tgt Ion:	43	Resp:	77528
Ion	Ratio	Lower	Upper
43	100		
58	56.7	42.9	64.3
57	21.8	15.3	22.9
100	14.6	10.2	15.4



#49
Dibromochloromethane
Concen: 9.672 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion:	129	Resp:	33632
Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.3	100.9





#50

1,2-Dibromoethane

Concen: 10.566 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD010667

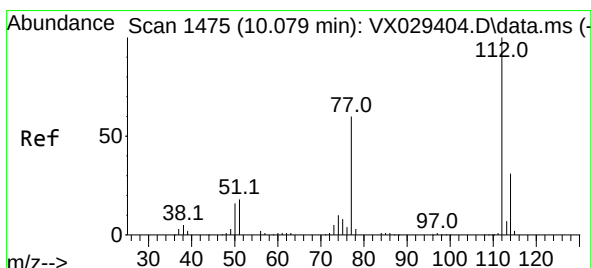
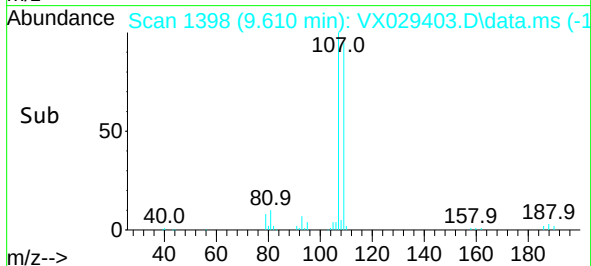
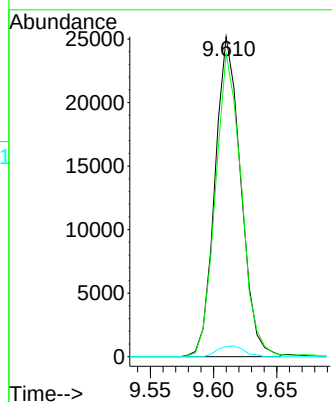
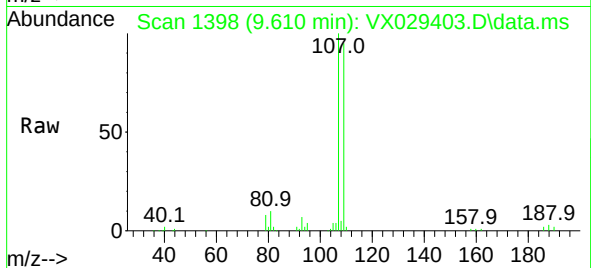
Tgt Ion:107 Resp: 35672

Ion Ratio Lower Upper

107 100

109 94.7 64.9 120.5

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 10.435 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

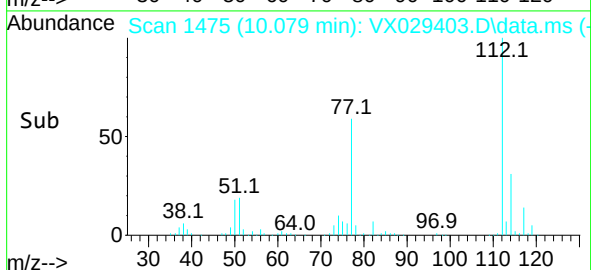
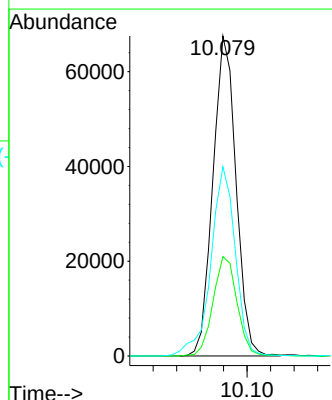
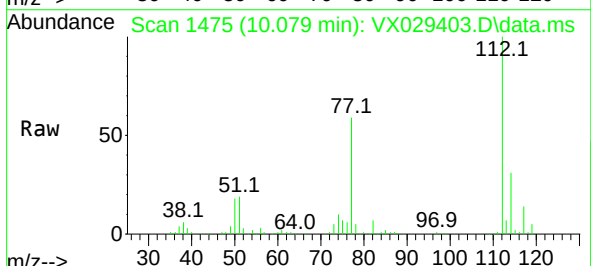
Tgt Ion:112 Resp: 92487

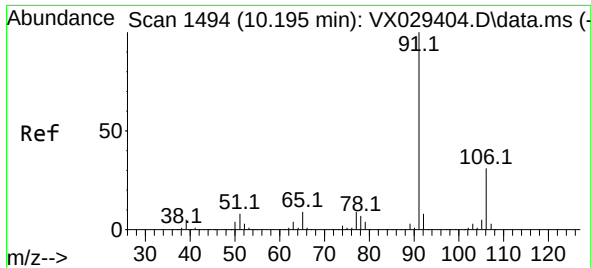
Ion Ratio Lower Upper

112 100

114 31.1 22.2 41.2

77 59.1 45.9 68.9

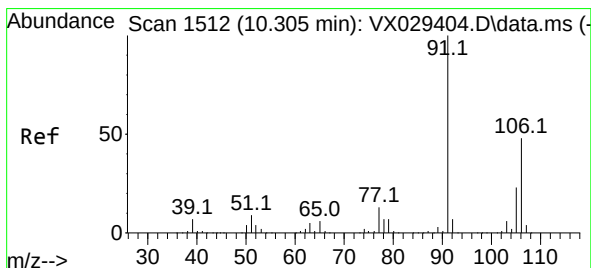
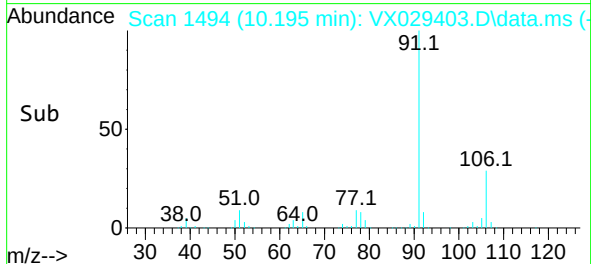
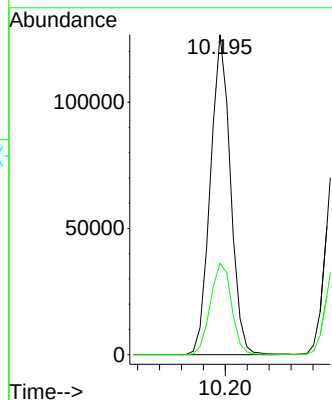
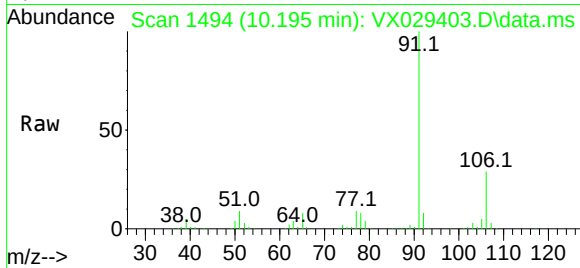




#52
Ethylbenzene
Concen: 10.682 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

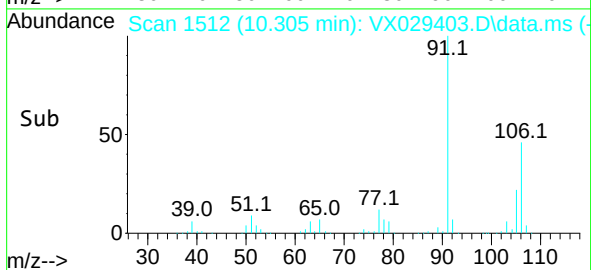
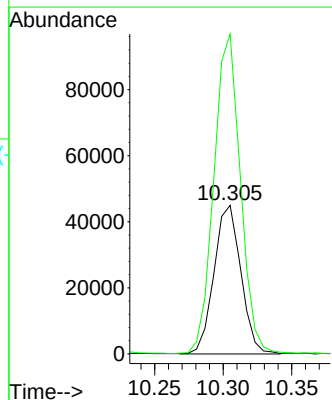
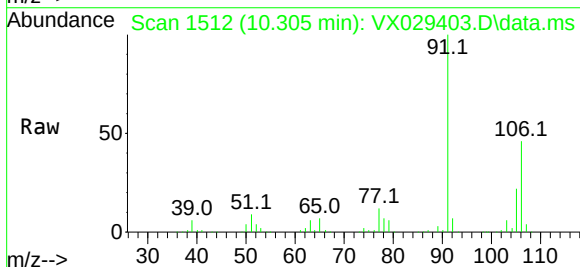
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

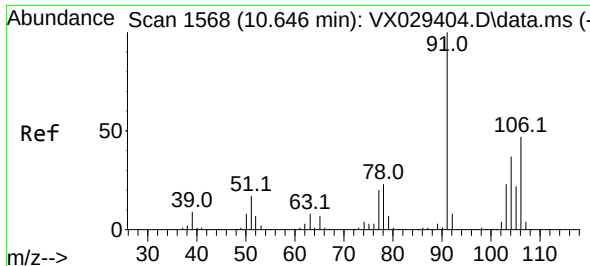
Tgt Ion: 91 Resp: 160707
Ion Ratio Lower Upper
91 100
106 28.6 21.7 40.3



#53
m,p-Xylene
Concen: 10.356 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion: 106 Resp: 61295
Ion Ratio Lower Upper
106 100
91 215.2 145.7 270.5

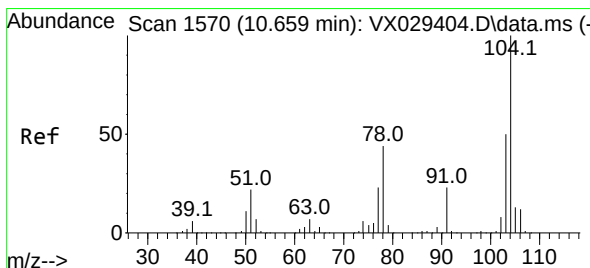
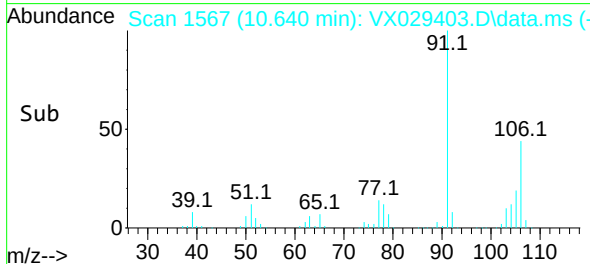
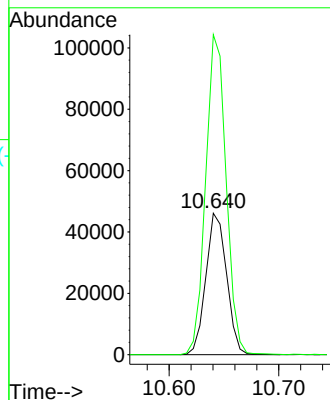
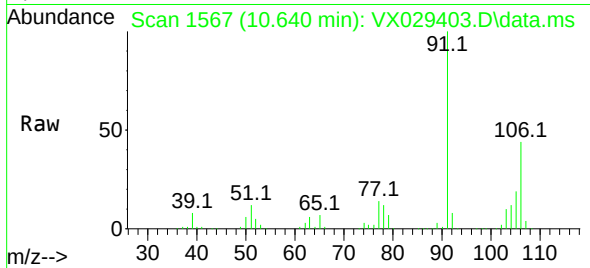




#54
o-Xylene
Concen: 10.639 ug/L
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

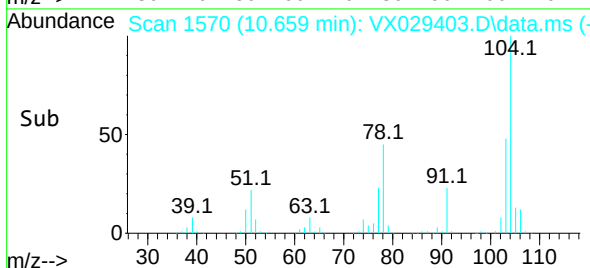
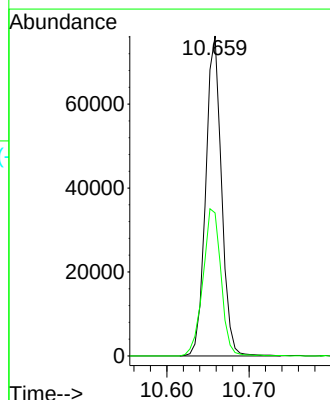
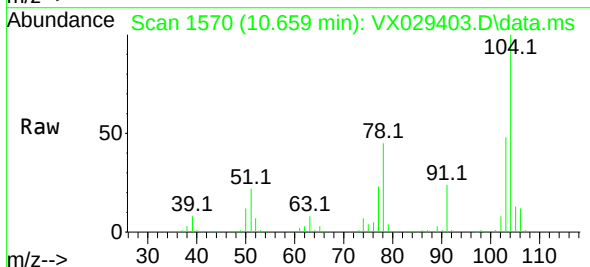
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

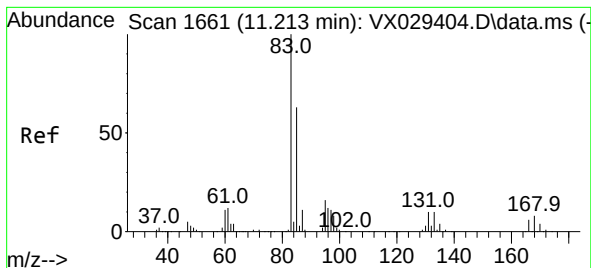
Tgt Ion:106 Resp: 60653
Ion Ratio Lower Upper
106 100
91 226.2 151.2 280.8



#55
Styrene
Concen: 10.522 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion:104 Resp: 101619
Ion Ratio Lower Upper
104 100
78 44.7 33.3 61.9

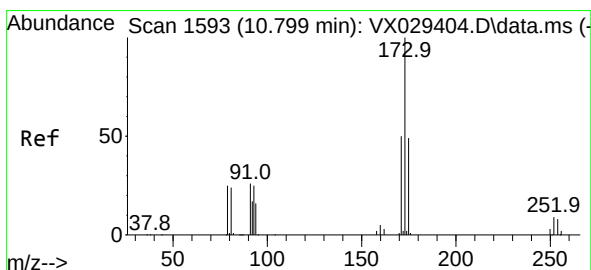
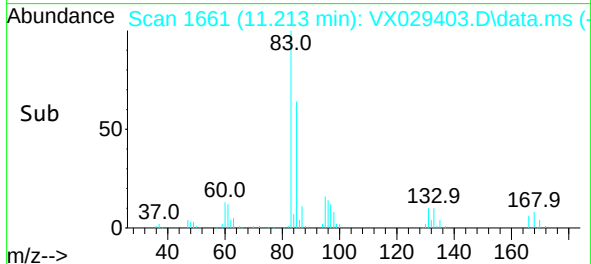
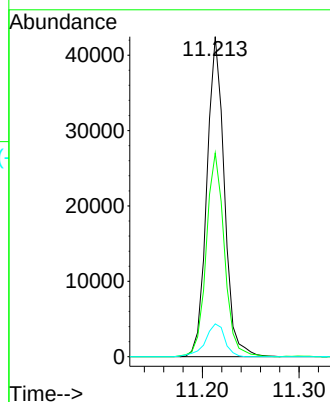
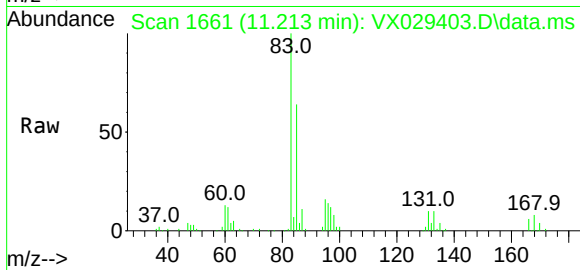




#57
1,1,2,2-Tetrachloroethane
Concen: 12.074 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

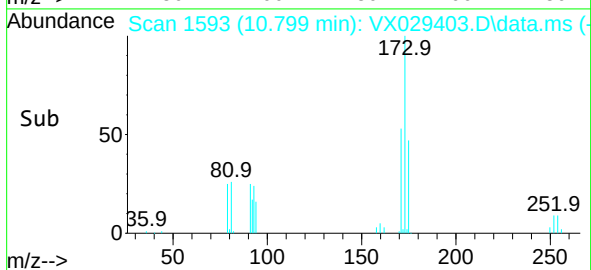
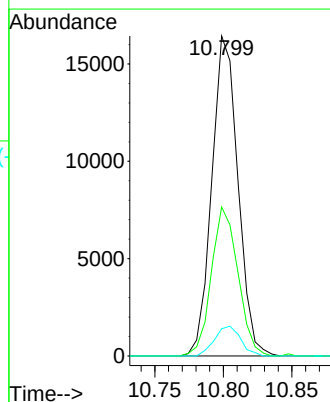
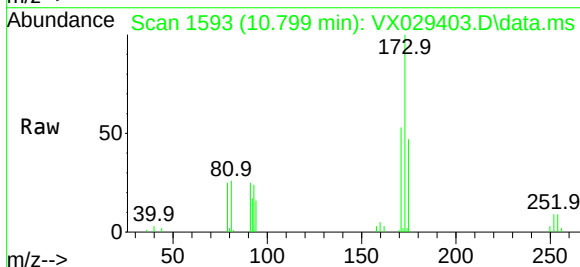
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

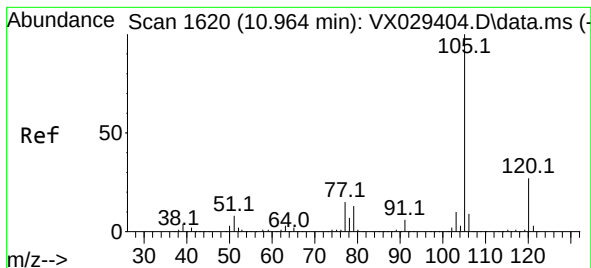
Tgt Ion:	83	Resp:	53455
Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.8	85.2
131	10.3	8.5	12.7



#59
Bromoform
Concen: 9.659 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion:	173	Resp:	21796
Ion	Ratio	Lower	Upper
173	100		
175	47.3	38.9	58.3
254	9.3	7.0	10.6





#60

Isopropylbenzene

Concen: 11.233 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD010667

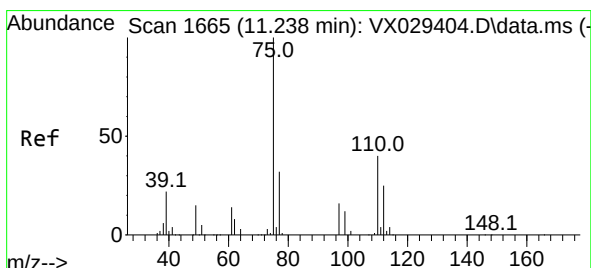
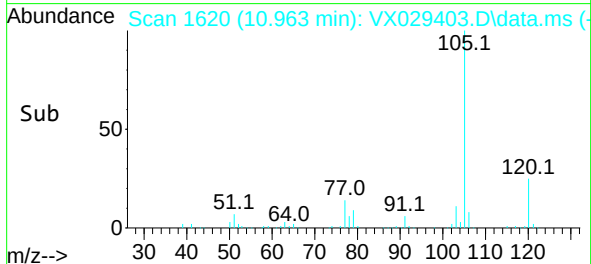
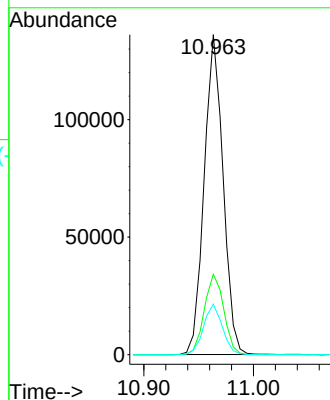
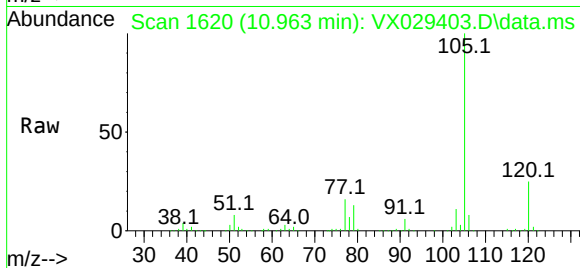
Tgt Ion:105 Resp: 162835

Ion Ratio Lower Upper

105 100

120 25.9 21.2 31.8

77 15.8 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 11.460 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

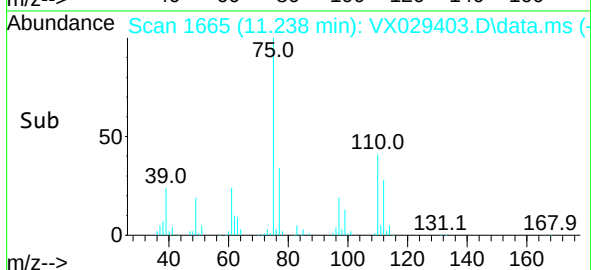
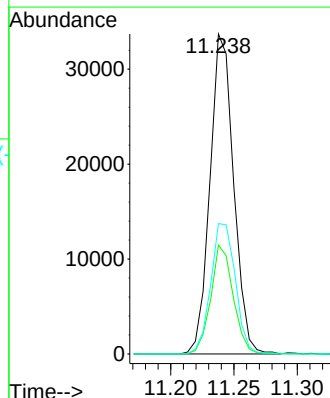
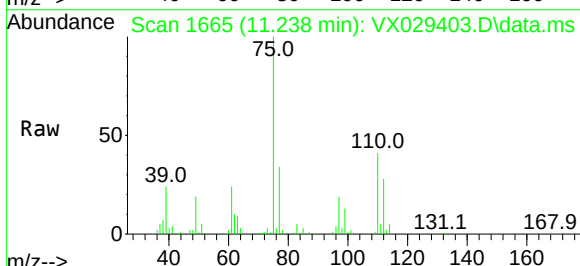
Tgt Ion: 75 Resp: 43865

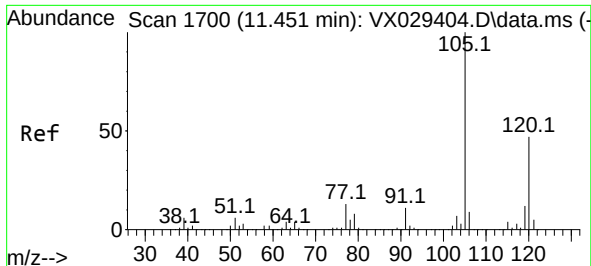
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 42.4 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 13.143 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

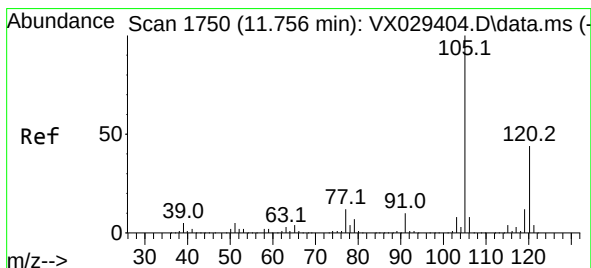
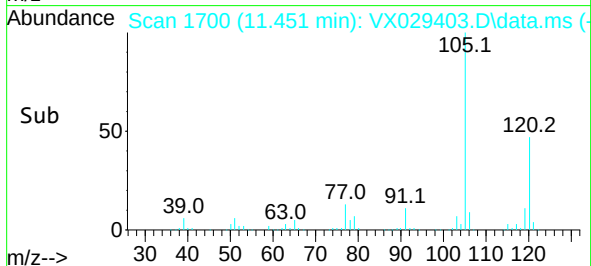
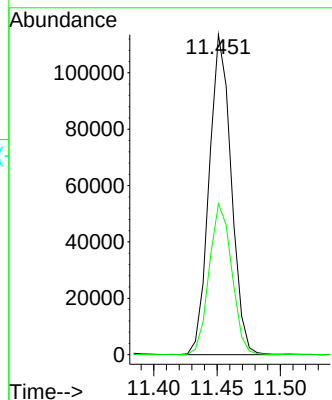
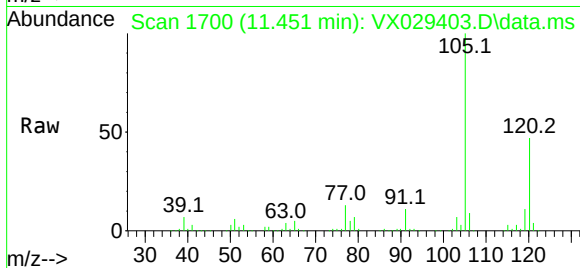
VSTD010667

Tgt Ion:105 Resp: 137966

Ion Ratio Lower Upper

105 100

120 48.1 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 11.220 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029403.D

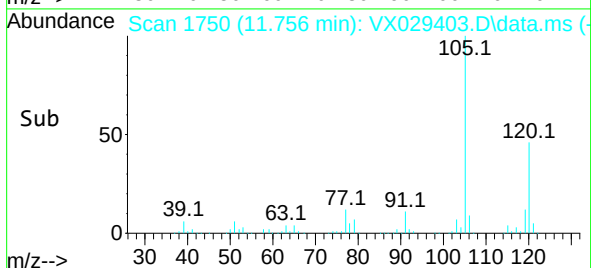
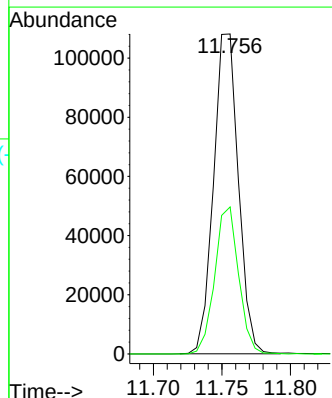
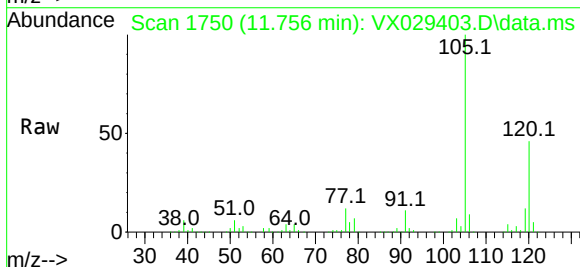
Acq: 13 Jun 2022 10:40

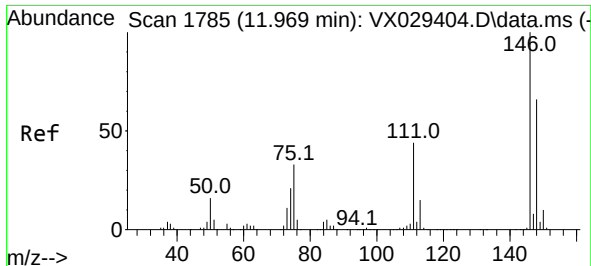
Tgt Ion:105 Resp: 136249

Ion Ratio Lower Upper

105 100

120 44.2 36.1 54.1

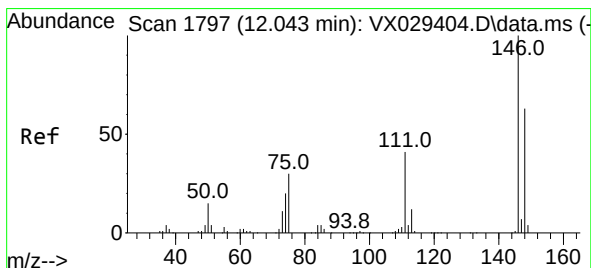
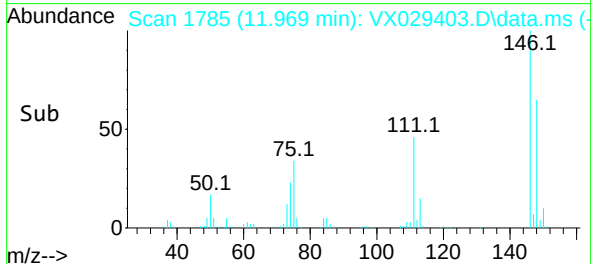
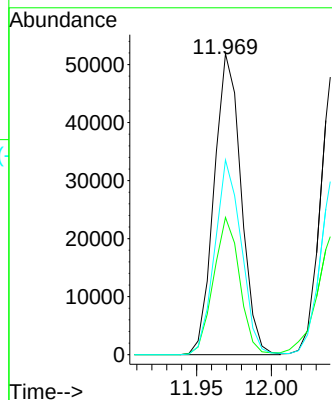
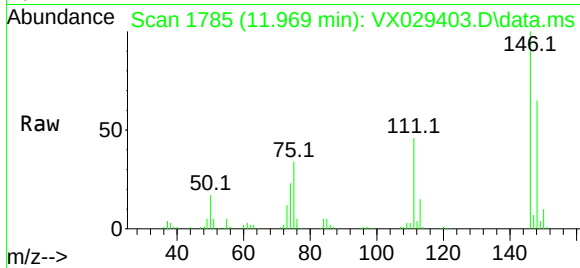




#64
 1,3-Dichlorobenzene
 Concen: 10.265 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

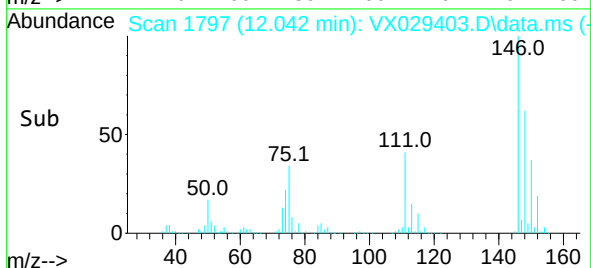
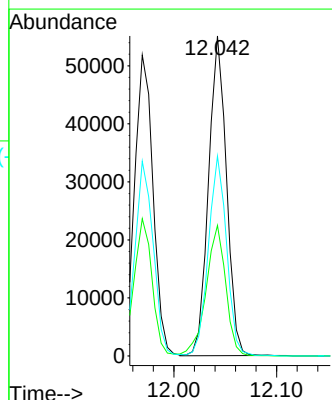
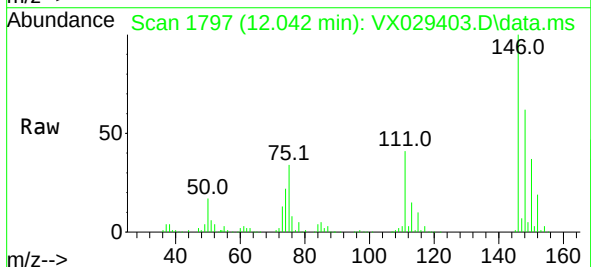
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010667

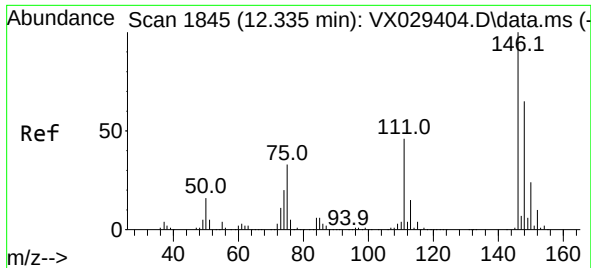
Tgt Ion:146 Resp: 65095
 Ion Ratio Lower Upper
 146 100
 111 45.6 28.3 52.7
 148 64.7 43.8 81.4



#65
 1,4-Dichlorobenzene
 Concen: 10.481 ug/L
 RT: 12.042 min Scan# 1797
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

Tgt Ion:146 Resp: 66869
 Ion Ratio Lower Upper
 146 100
 111 40.8 26.5 49.3
 148 62.4 43.5 80.7

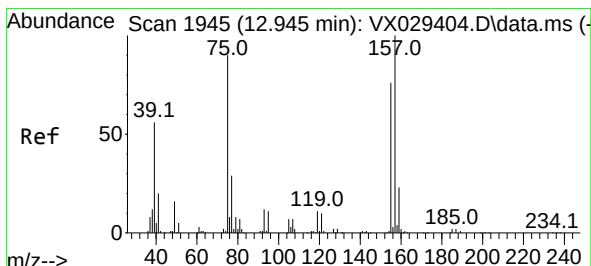
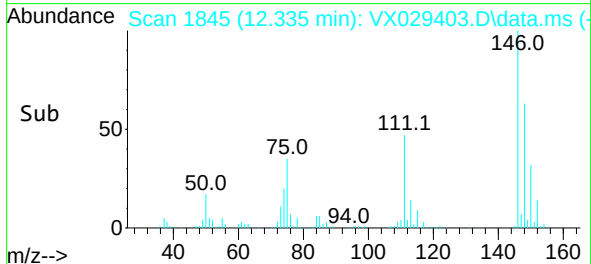
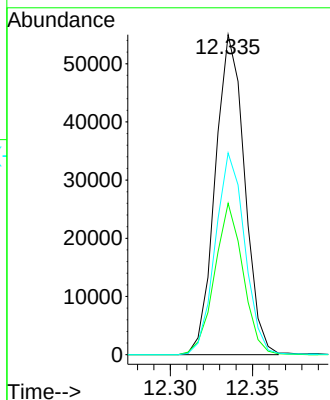
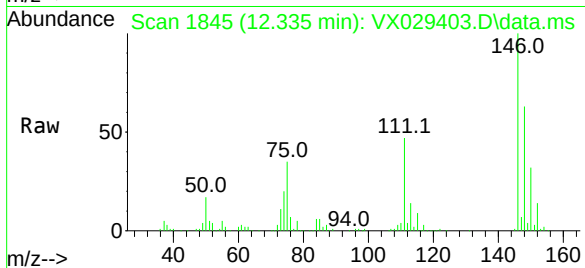




#67
1,2-Dichlorobenzene
Concen: 11.045 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

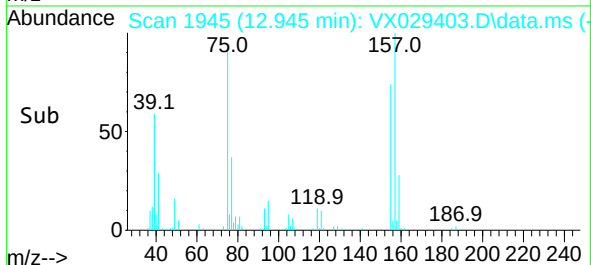
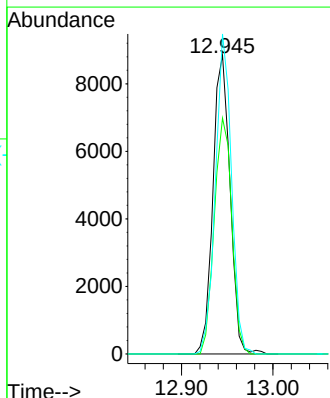
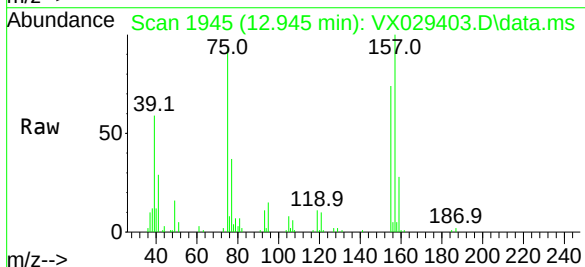
Instrument :
MSVOA_X
ClientSampleId :
VSTD010667

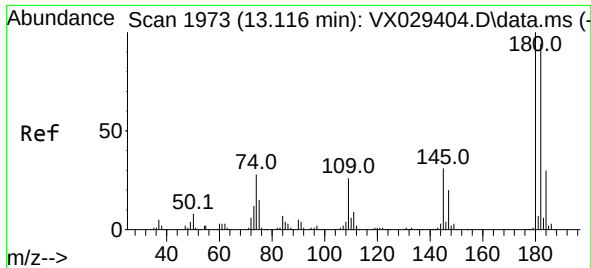
Tgt Ion:146 Resp: 68342
Ion Ratio Lower Upper
146 100
111 47.3 34.5 51.7
148 63.0 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 11.964 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX029403.D
Acq: 13 Jun 2022 10:40

Tgt Ion: 75 Resp: 11487
Ion Ratio Lower Upper
75 100
155 78.9 71.6 107.4
157 107.0 93.8 140.6

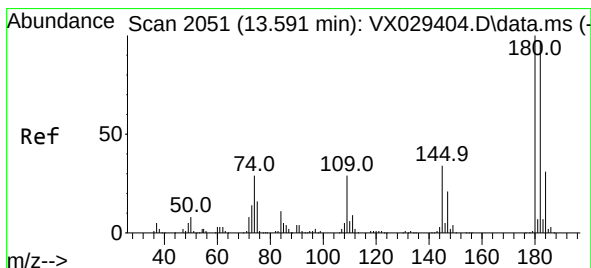
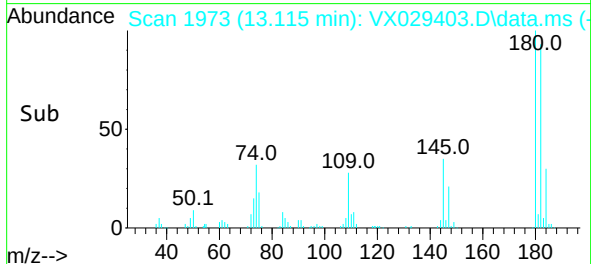
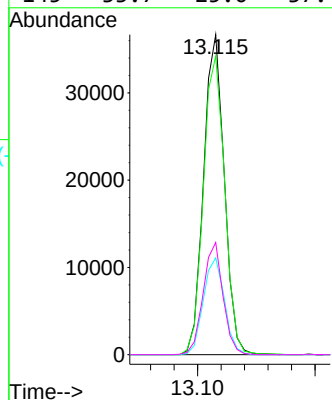
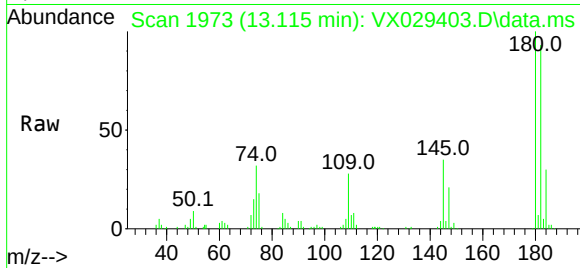




#69
 1,3,5-Trichlorobenzene
 Concen: 10.238 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

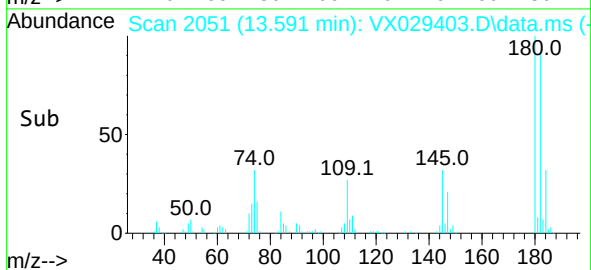
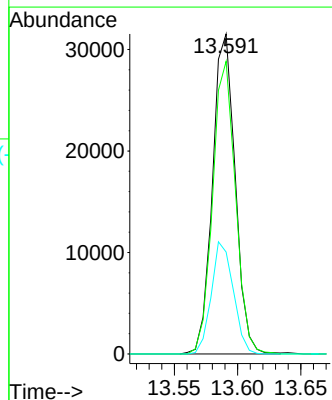
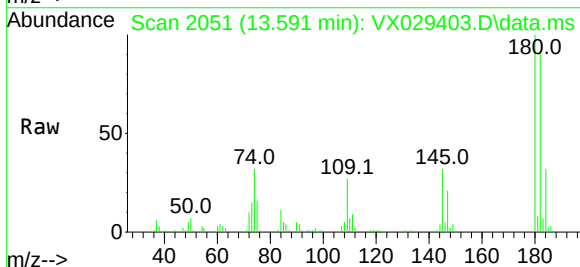
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010667

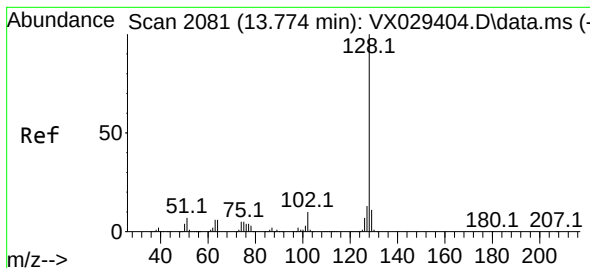
Tgt Ion:180	Resp:	44754
Ion Ratio	Lower	Upper
180	100	
182	96.3	75.6 113.4
184	30.9	23.6 35.4
145	33.7	25.0 37.4



#70
 1,2,4-trichlorobenzene
 Concen: 10.173 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX029403.D
 Acq: 13 Jun 2022 10:40

Tgt Ion:180	Resp:	39227
Ion Ratio	Lower	Upper
180	100	
182	92.0	75.4 113.2
145	34.1	25.0 37.4





#71

Naphthalene

Concen: 11.174 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTD010667

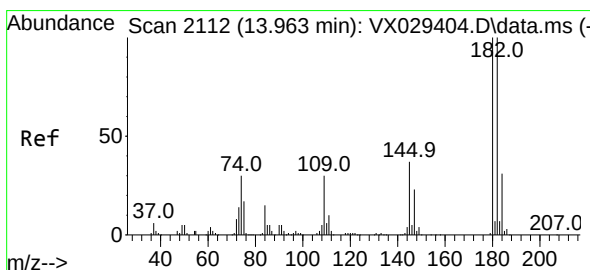
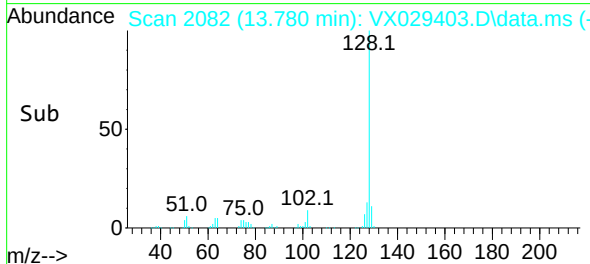
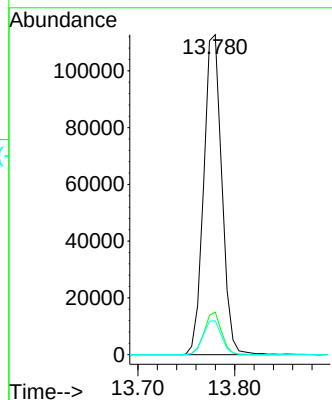
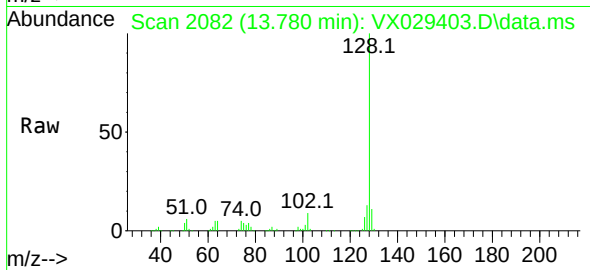
Tgt Ion:128 Resp: 147235

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 10.320 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX029403.D

Acq: 13 Jun 2022 10:40

Tgt Ion:180 Resp: 39946

Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.4

145 35.2 27.4 41.0

