

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030116.D
 Acq On : 19 Jul 2022 14:37
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV677

Quant Time: Jul 20 08:37:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:48:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	276834	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	252400	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	103459	47.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.820%
7) Chloroethane-d5	1.660	69	80944	54.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.340%
11) 1,1-Dichloroethene-d2	2.306	63	212298	50.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.660%
21) 2-Butanone-d5	4.458	46	224626	105.778	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.780%
24) Chloroform-d	5.062	84	221934	50.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	5.958	65	137418	50.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.200%
32) Benzene-d6	5.976	84	476879	51.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.660%
36) 1,2-Dichloropropane-d6	7.312	67	151124	50.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.440%
41) Toluene-d8	8.653	98	432821	51.058	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.120%
43) trans-1,3-Dichloroprop...	8.951	79	67329	53.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.420%
47) 2-Hexanone-d5	9.384	63	162615	108.842	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.840%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	208108	52.346	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.700%
66) 1,2-Dichlorobenzene-d4	12.323	152	161559	51.667	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	121371	52.355	ug/L	100
3) Chloromethane	1.288	50	102117	49.287	ug/L	100
5) Vinyl chloride	1.374	62	106202	49.170	ug/L	95
6) Bromomethane	1.605	94	51541	52.901	ug/L	97
8) Chloroethane	1.685	64	60576	50.824	ug/L	98
9) Trichlorofluoromethane	1.886	101	144530	51.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	102562	51.887	ug/L	99
12) 1,1-Dichloroethene	2.319	96	97732	51.283	ug/L	81
13) Acetone	2.386	43	123423	104.403	ug/L	98
14) Carbon disulfide	2.508	76	272120	50.737	ug/L	100
15) Methyl Acetate	2.703	43	138178	51.320	ug/L	99
16) Methylene chloride	2.788	84	116344	50.573	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	105412	51.979	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	323393	51.763	ug/L	100
19) 1,1-Dichloroethane	3.611	63	189376	51.087	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	119903	50.922	ug/L	91
22) 2-Butanone	4.562	43	213163	105.461	ug/L	100
23) Bromochloromethane	4.903	128	58647	50.051	ug/L	93
25) Chloroform	5.092	83	196769	51.140	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030116.D
 Acq On : 19 Jul 2022 14:37
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

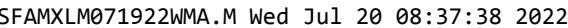
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV677

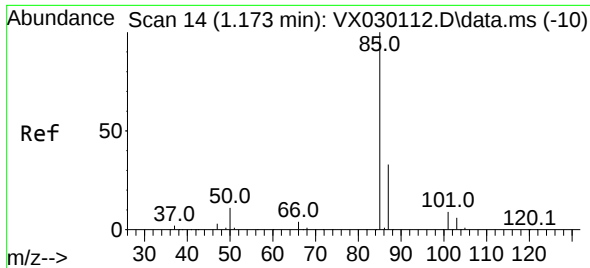
Quant Time: Jul 20 08:37:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:48:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	147944	51.195	ug/L	98
29) Cyclohexane	5.470	56	182797	52.807	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	159550	51.378	ug/L	99
31) Carbon tetrachloride	5.678	117	133061	52.016	ug/L	99
33) Benzene	6.043	78	455419	51.820	ug/L	100
34) Trichloroethene	7.129	95	119368	50.711	ug/L	97
35) Methylcyclohexane	7.379	83	194276	54.862	ug/L	100
37) 1,2-Dichloropropane	7.433	63	116479	50.642	ug/L	99
38) Bromodichloromethane	7.824	83	143131	50.860	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	170068	51.725	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	393734	105.234	ug/L	100
42) Toluene	8.720	91	482127	52.835	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	161547	52.465	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	112879	51.282	ug/L	97
46) Tetrachloroethene	9.275	164	85529	52.449	ug/L	94
48) 2-Hexanone	9.433	43	323191	107.567	ug/L	99
49) Dibromochloromethane	9.525	129	112202	50.944	ug/L	99
50) 1,2-Dibromoethane	9.610	107	119525	51.136	ug/L	96
51) Chlorobenzene	10.079	112	299983	52.320	ug/L	98
52) Ethylbenzene	10.195	91	515858	53.038	ug/L	98
53) m,p-Xylene	10.305	106	203627	53.708	ug/L	97
54) o-Xylene	10.646	106	198914	54.028	ug/L	99
55) Styrene	10.659	104	346631	54.652	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	179704	51.734	ug/L	97
59) Bromoform	10.799	173	76228	48.382	ug/L	97
60) Isopropylbenzene	10.963	105	510707	51.655	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	148530	49.638	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	440027	53.860	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	436758	53.617	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	229543	52.782	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	230366	52.690	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	236447	53.445	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	47418	52.767	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	157387	53.598	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	143019	55.490	ug/L	99
71) Naphthalene	13.780	128	598218	56.734	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	145751	53.227	ug/L	99

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

Quant Time: Jul 20 08:37:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM071922WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 20 07:48:58 2022
Response via : Initial Calibration

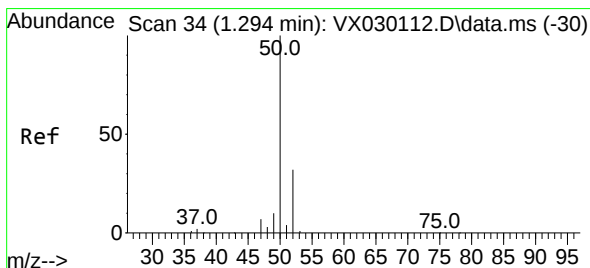
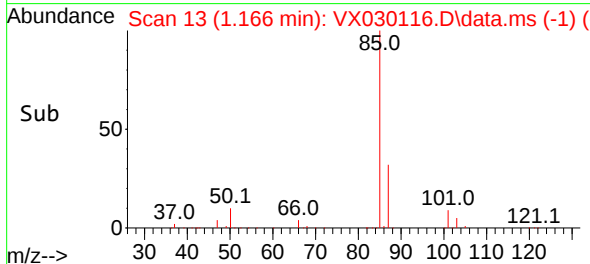
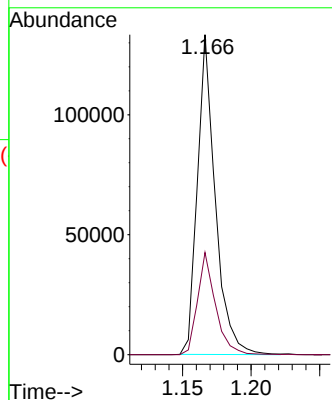
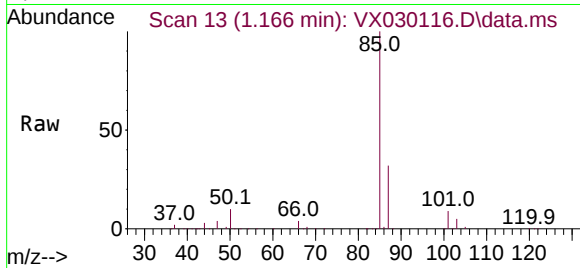




#2
 Dichlorodifluoromethane
 Concen: 52.355 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030116.D
 Acq: 19 Jul 2022 14:37

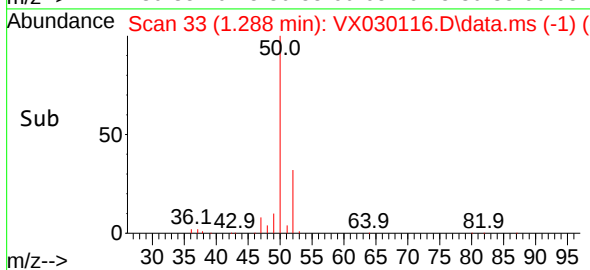
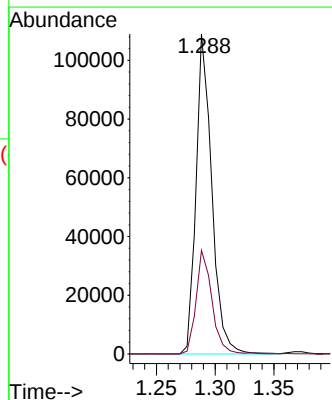
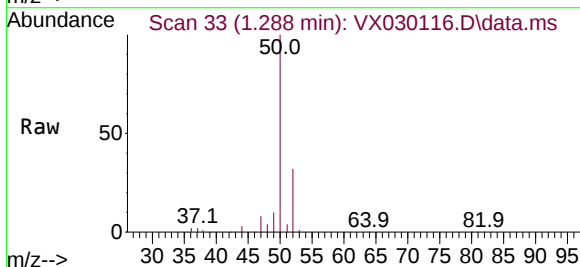
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV677

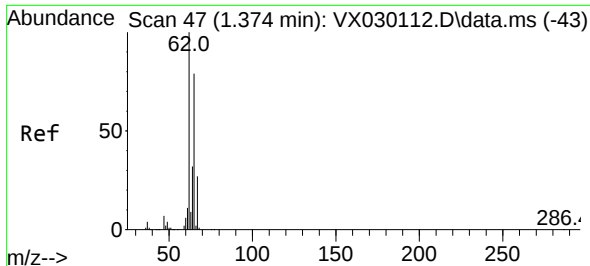
Tgt Ion: 85 Resp: 121371
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 49.287 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030116.D
 Acq: 19 Jul 2022 14:37

Tgt Ion: 50 Resp: 102117
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.6 42.0

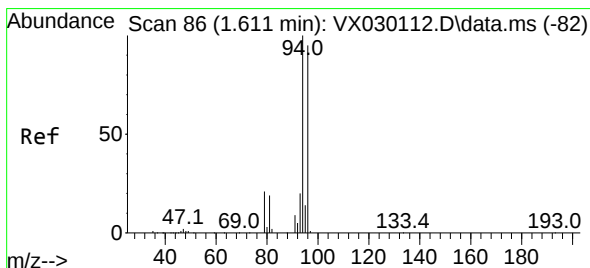
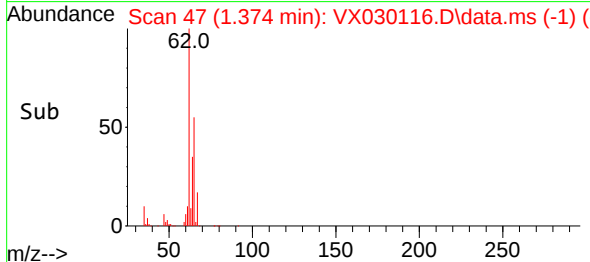
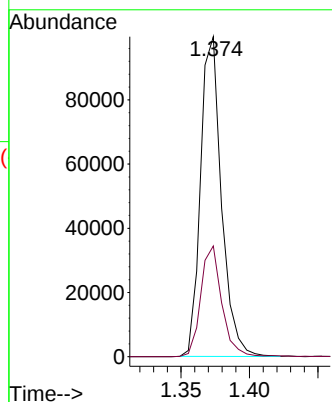
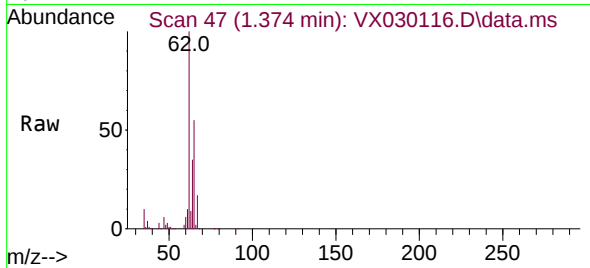




#5
 Vinyl chloride
 Concen: 49.170 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030116.D
 Acq: 19 Jul 2022 14:37

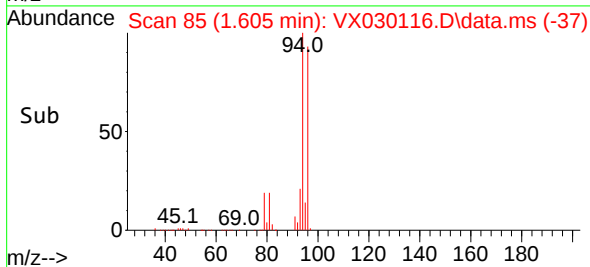
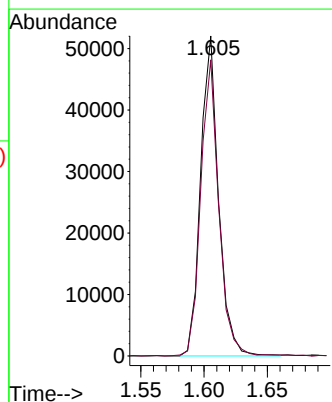
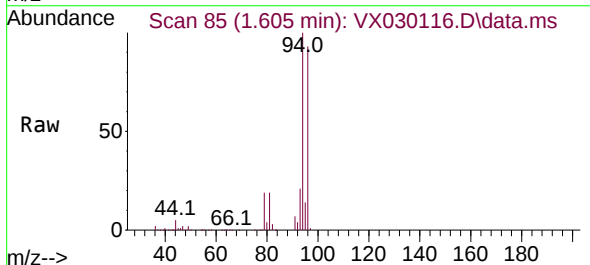
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV677

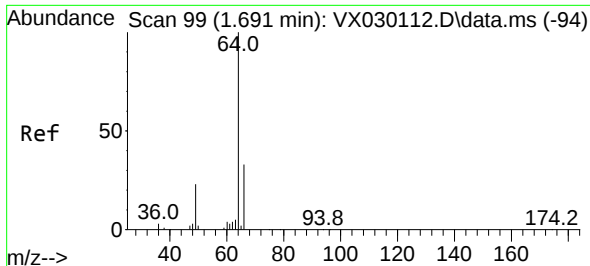
Tgt Ion: 62 Resp: 106202
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.1 41.1



#6
 Bromomethane
 Concen: 52.901 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030116.D
 Acq: 19 Jul 2022 14:37

Tgt Ion: 94 Resp: 51541
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.5 123.5

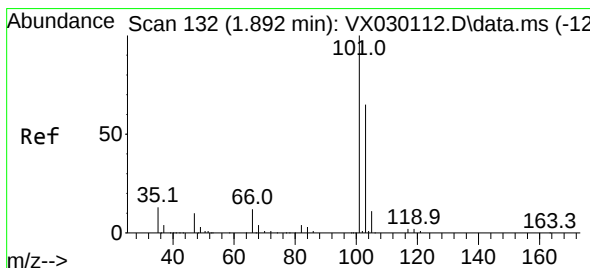
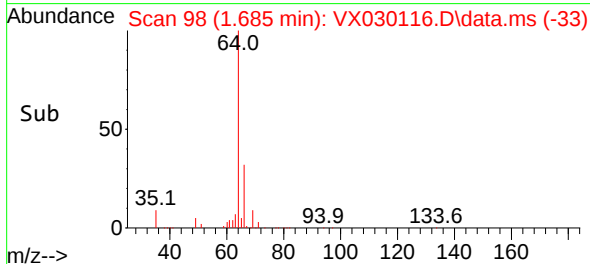
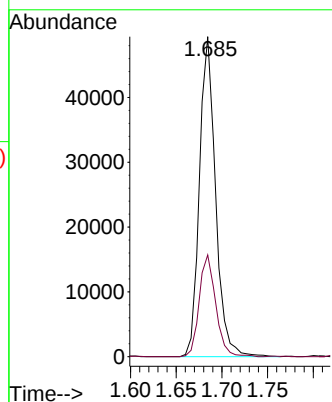
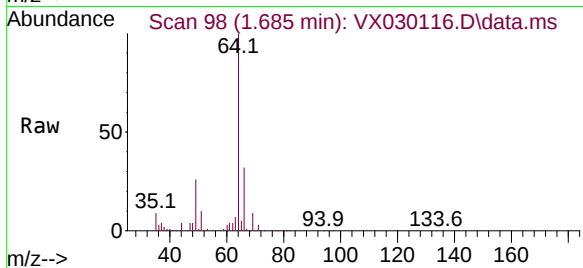




#8
Chloroethane
Concen: 50.824 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

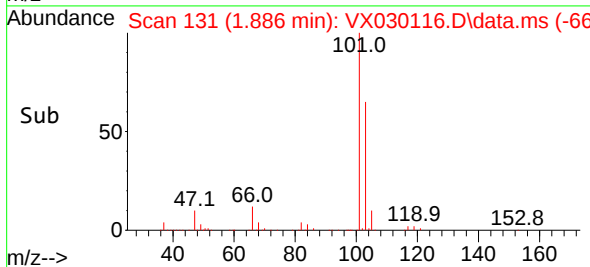
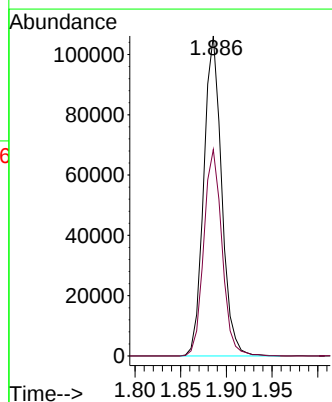
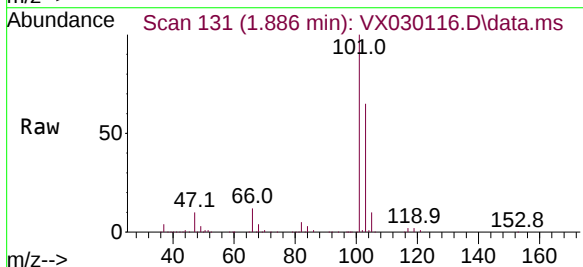
Instrument :
MSVOA_X
ClientSampleId :
VICV677

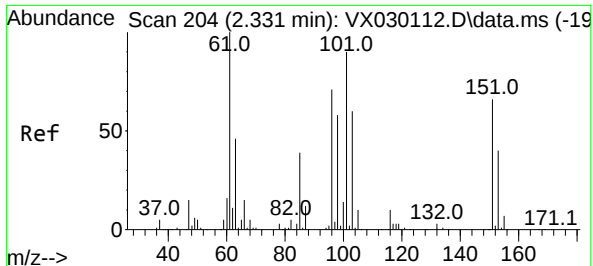
Tgt Ion: 64 Resp: 60576
Ion Ratio Lower Upper
64 100
66 31.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 51.691 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion: 101 Resp: 144530
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 51.887 ug/L

RT: 2.325 min Scan# 204

Delta R.T. -0.006 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

VICV677

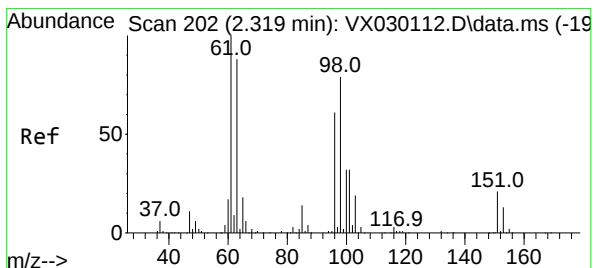
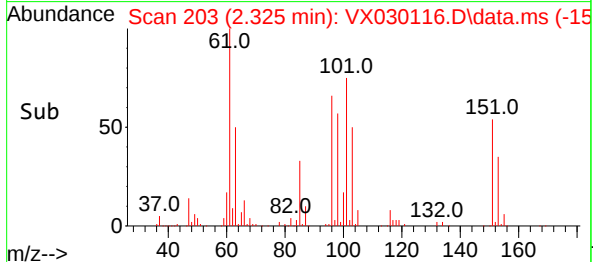
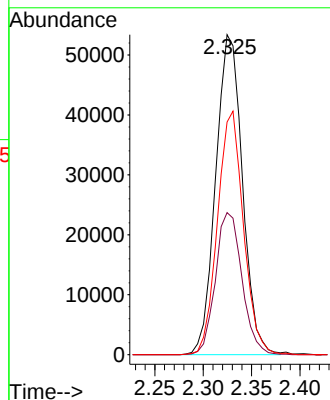
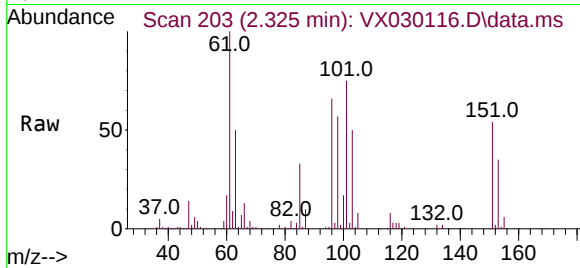
Tgt Ion:101 Resp: 102562

Ion Ratio Lower Upper

101 100

85 44.0 34.1 51.1

151 74.0 59.4 89.2



#12

1,1-Dichloroethene

Concen: 51.283 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

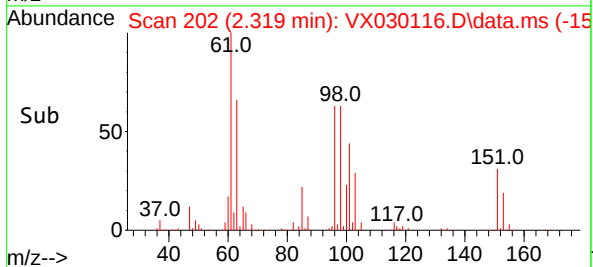
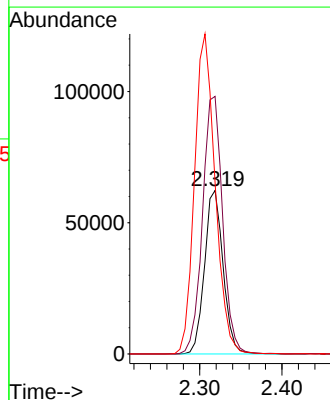
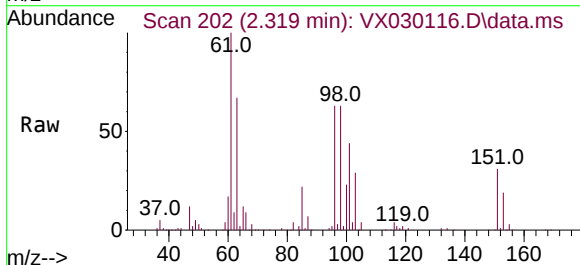
Tgt Ion: 96 Resp: 97732

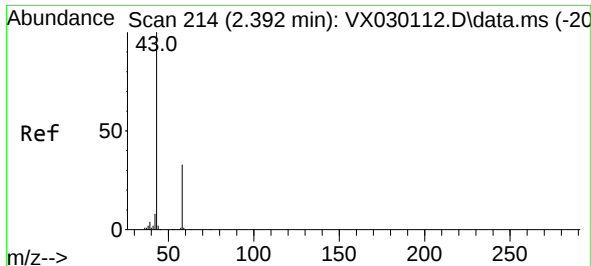
Ion Ratio Lower Upper

96 100

61 157.5 115.1 213.7

63 104.8 104.1 193.3





#13

Acetone

Concen: 104.403 ug/L

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

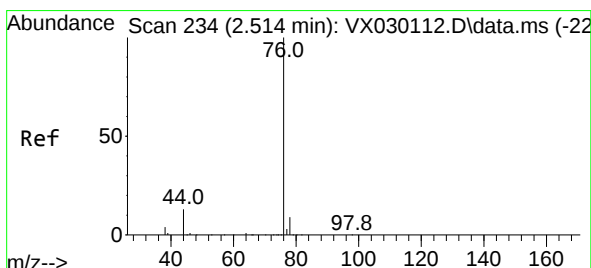
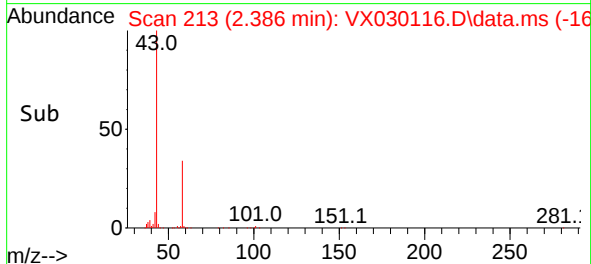
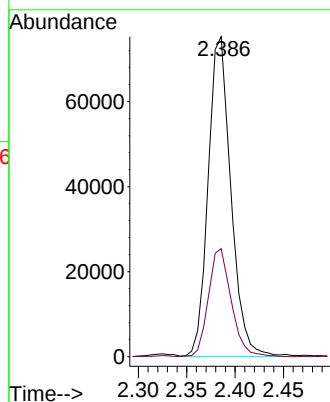
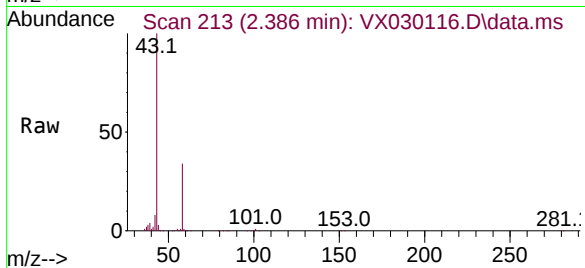
VICV677

Tgt Ion: 43 Resp: 123423

Ion Ratio Lower Upper

43 100

58 33.9 0.0 65.6



#14

Carbon disulfide

Concen: 50.737 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX030116.D

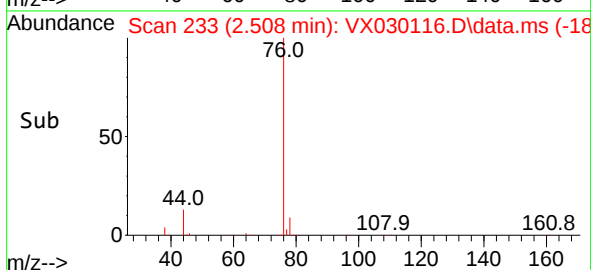
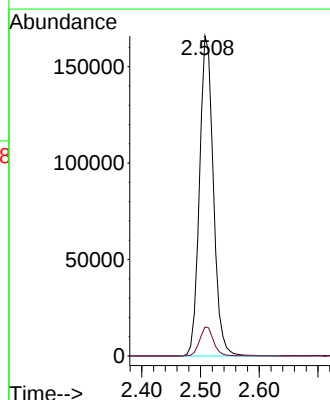
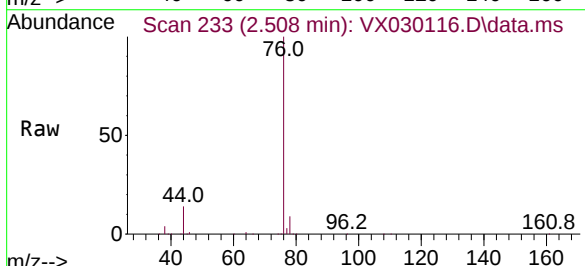
Acq: 19 Jul 2022 14:37

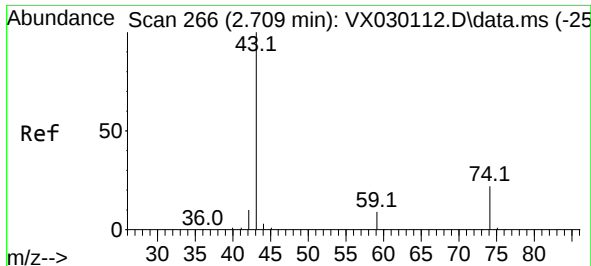
Tgt Ion: 76 Resp: 272120

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

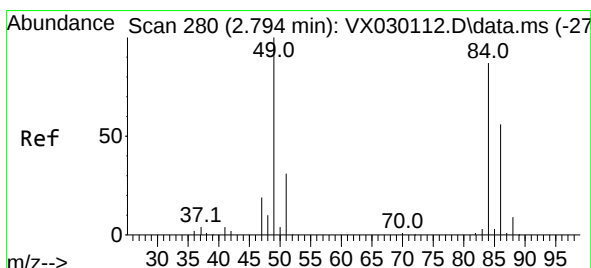
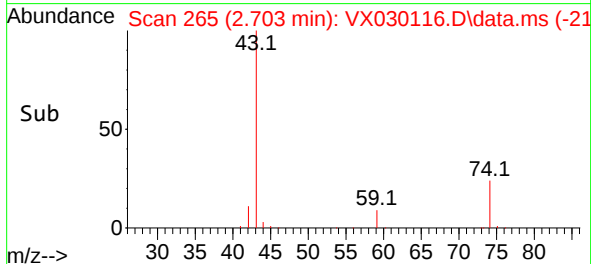
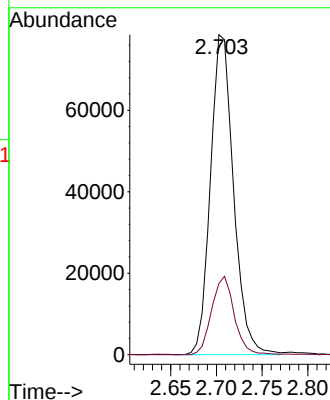
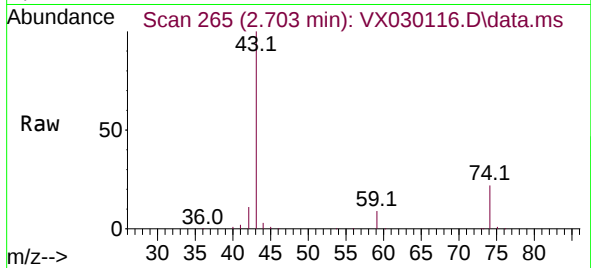




#15
Methyl Acetate
Concen: 51.320 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

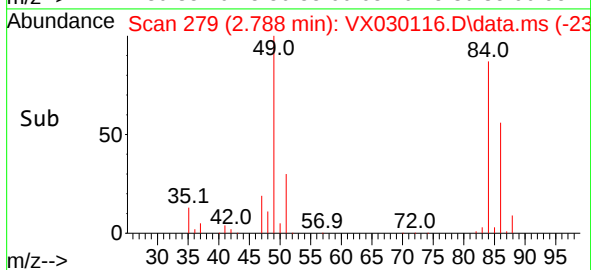
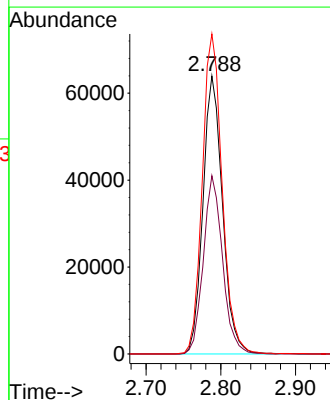
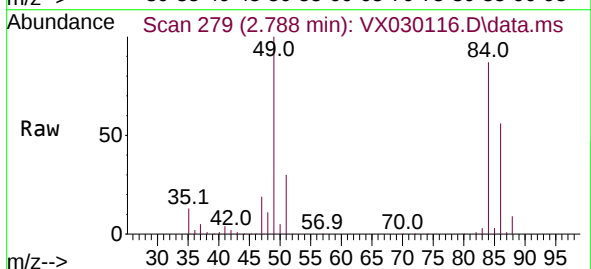
Instrument :
MSVOA_X
ClientSampleId :
VICV677

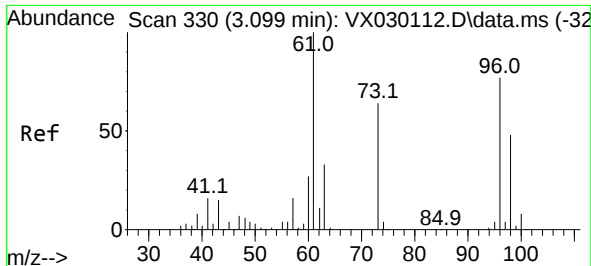
Tgt Ion: 43 Resp: 138178
Ion Ratio Lower Upper
43 100
74 23.9 18.7 28.1



#16
Methylene chloride
Concen: 50.573 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion: 84 Resp: 116344
Ion Ratio Lower Upper
84 100
86 64.1 44.8 83.2
49 115.1 80.6 149.6

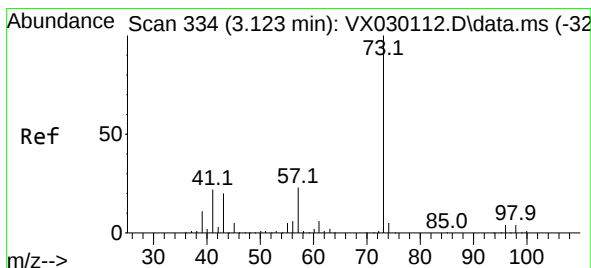
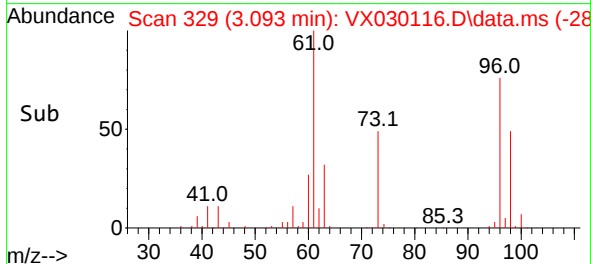
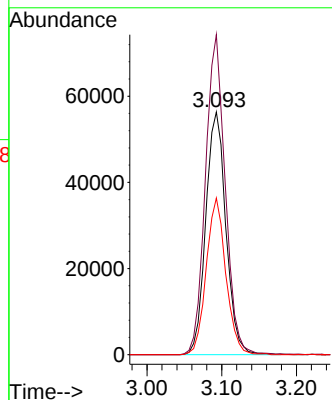
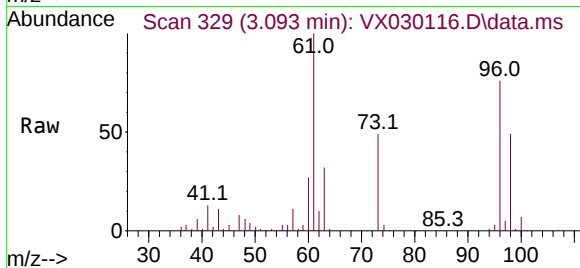




#17
trans-1,2-Dichloroethene
Concen: 51.979 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

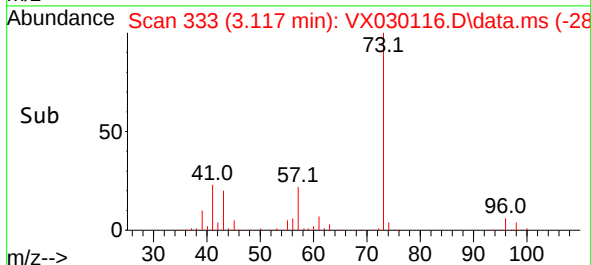
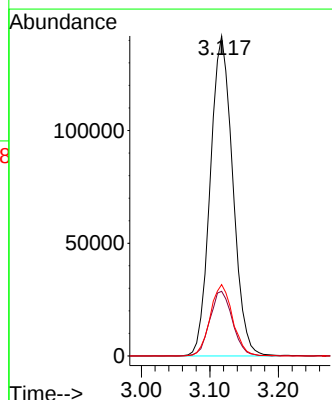
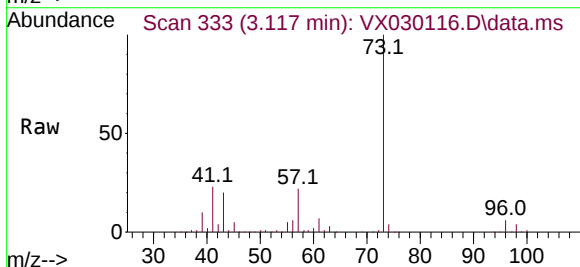
Instrument :
MSVOA_X
ClientSampleId :
VICV677

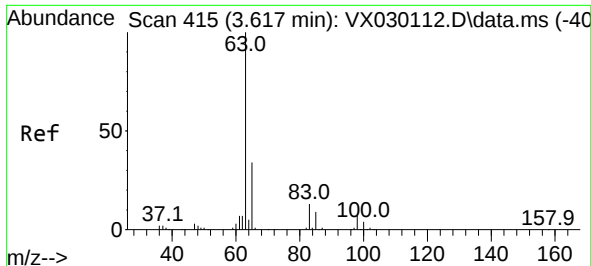
Tgt Ion: 96 Resp: 105412
Ion Ratio Lower Upper
96 100
61 131.8 90.4 168.0
98 64.6 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 51.763 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion: 73 Resp: 323393
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.4
57 22.3 17.7 26.5





#19

1,1-Dichloroethane

Concen: 51.087 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

VICV677

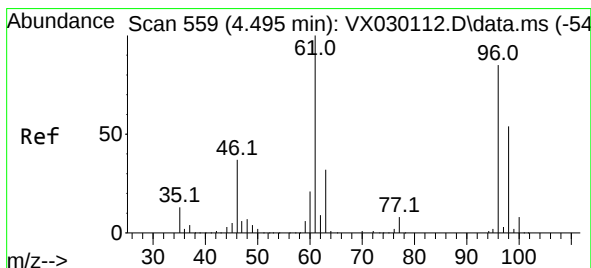
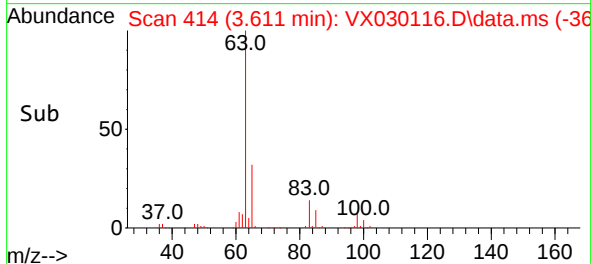
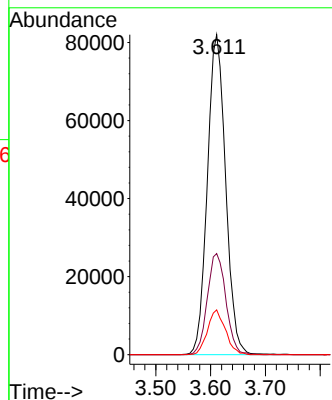
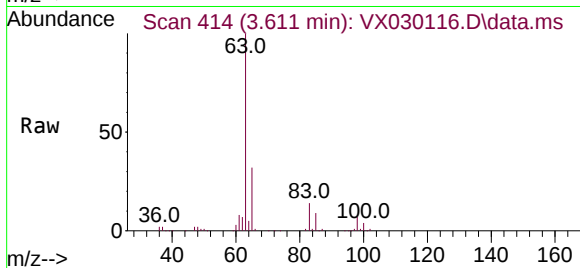
Tgt Ion: 63 Resp: 189376

Ion Ratio Lower Upper

63 100

65 31.6 23.4 43.6

83 14.0 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 50.922 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

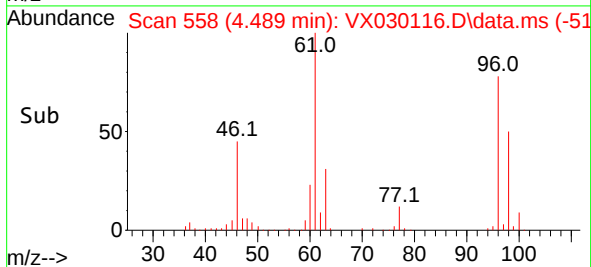
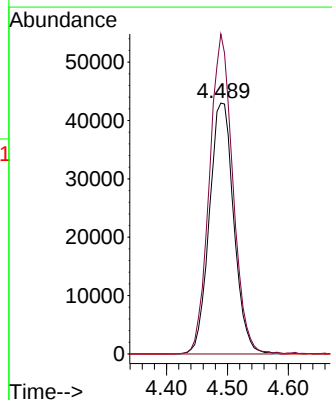
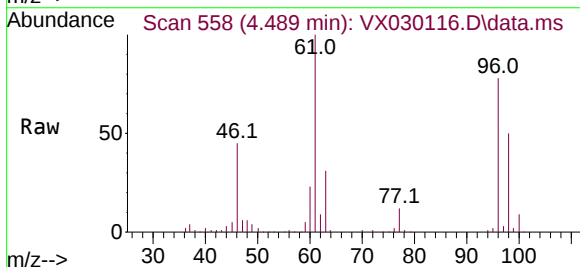
Tgt Ion: 96 Resp: 119903

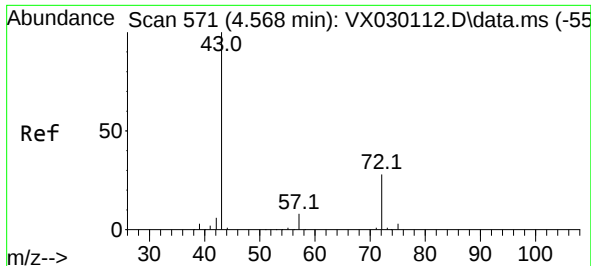
Ion Ratio Lower Upper

96 100

61 127.5 82.1 152.5

68 0.0 0.0 0.0

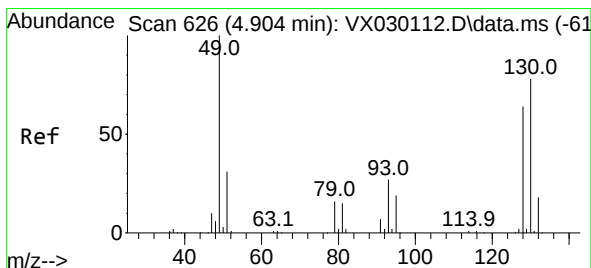
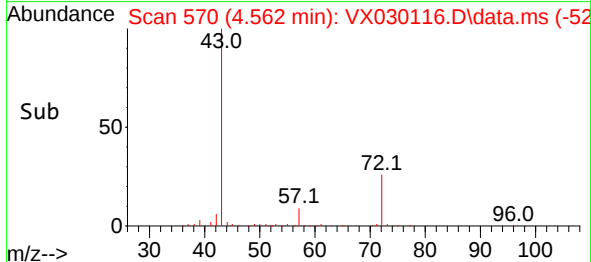
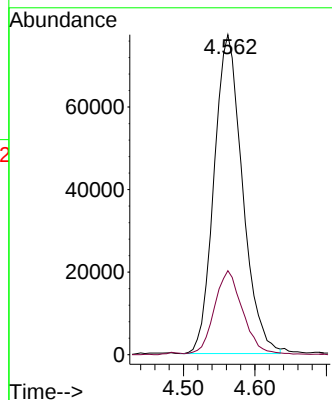
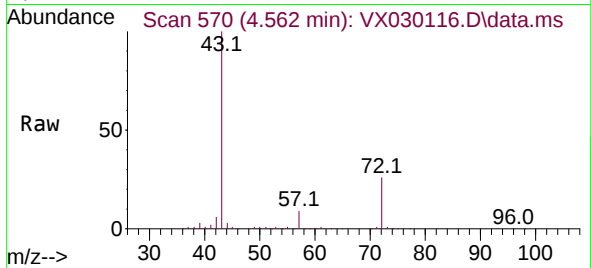




#22
2-Butanone
Concen: 105.461 ug/L
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

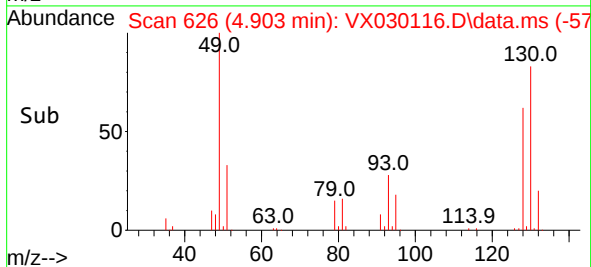
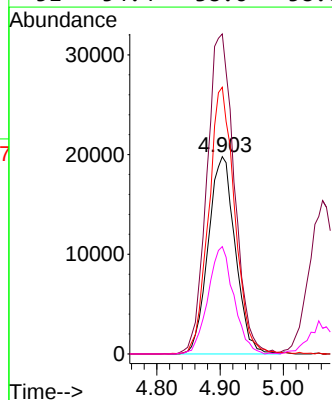
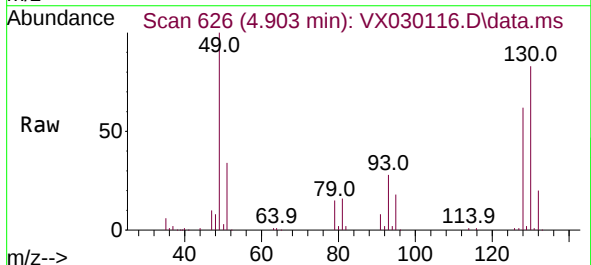
Instrument :
MSVOA_X
ClientSampleId :
VICV677

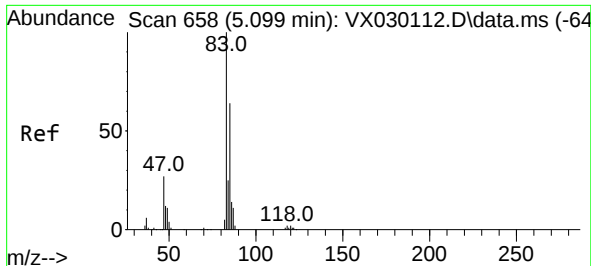
Tgt Ion: 43 Resp: 213163
Ion Ratio Lower Upper
43 100
72 26.4 13.1 39.3



#23
Bromochloromethane
Concen: 50.051 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.001 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion:128 Resp: 58647
Ion Ratio Lower Upper
128 100
49 162.2 110.0 204.4
130 135.2 86.0 159.6
51 54.4 38.6 58.0

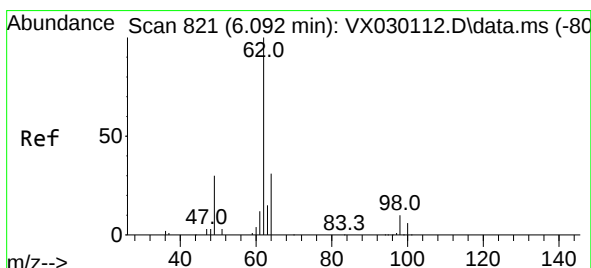
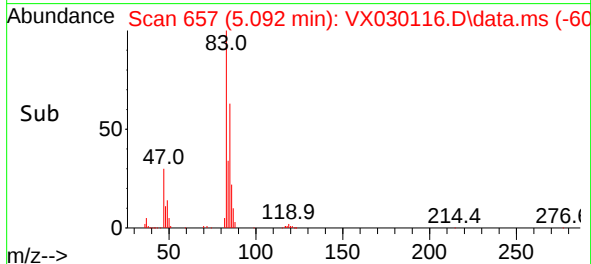
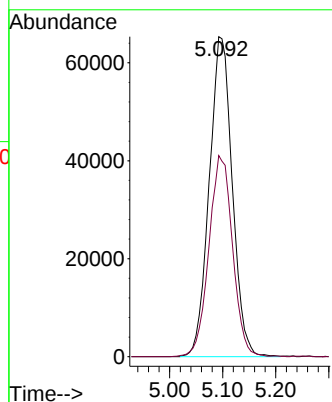
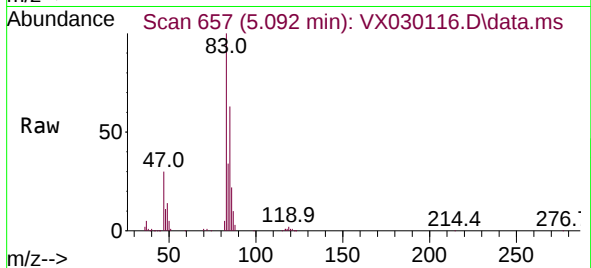




#25
Chloroform
Concen: 51.140 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

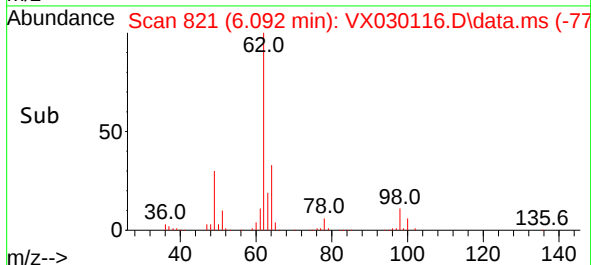
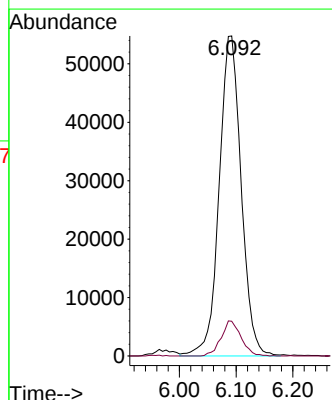
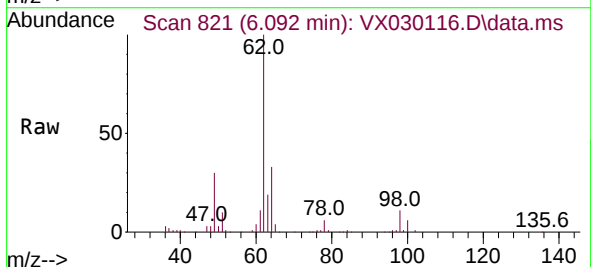
Instrument :
MSVOA_X
ClientSampleId :
VICV677

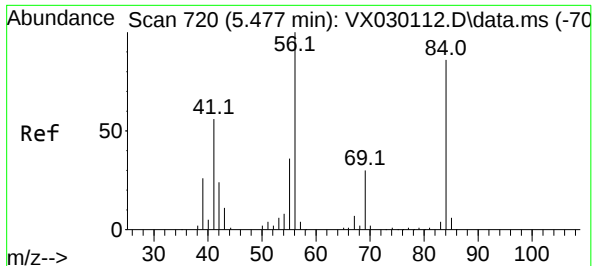
Tgt Ion: 83 Resp: 196769
Ion Ratio Lower Upper
83 100
85 62.9 44.7 82.9



#27
1,2-Dichloroethane
Concen: 51.195 ug/L
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion: 62 Resp: 147944
Ion Ratio Lower Upper
62 100
98 10.8 8.0 12.0





#29

Cyclohexane

Concen: 52.807 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

VICV677

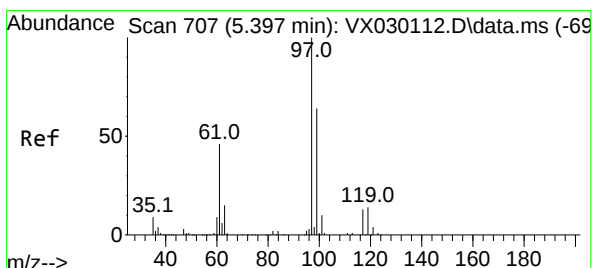
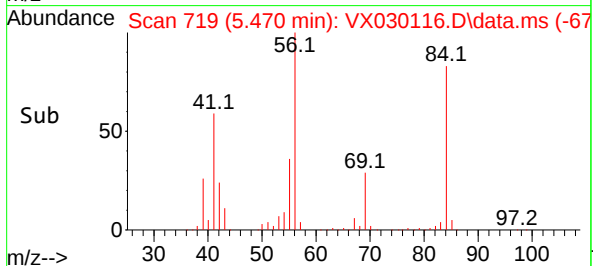
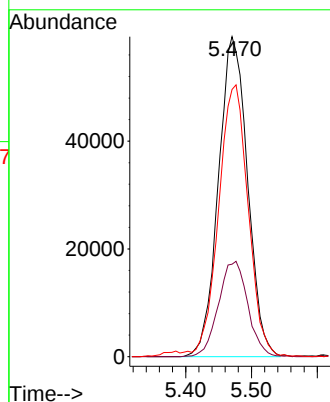
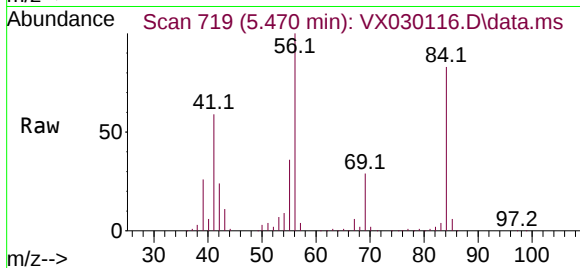
Tgt Ion: 56 Resp: 182797

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.2

84 85.8 70.4 105.6



#30

1,1,1-Trichloroethane

Concen: 51.378 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

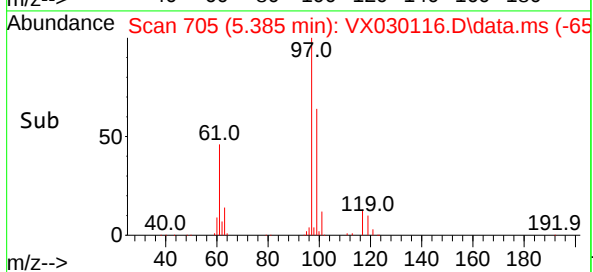
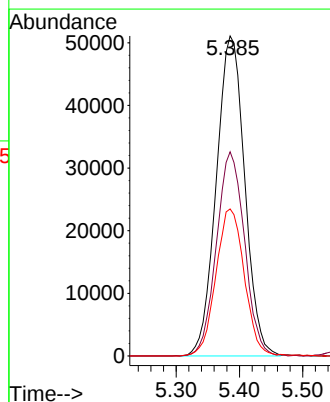
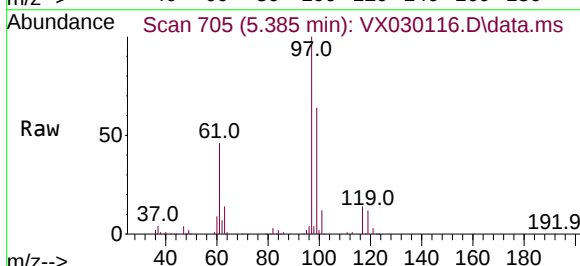
Tgt Ion: 97 Resp: 159550

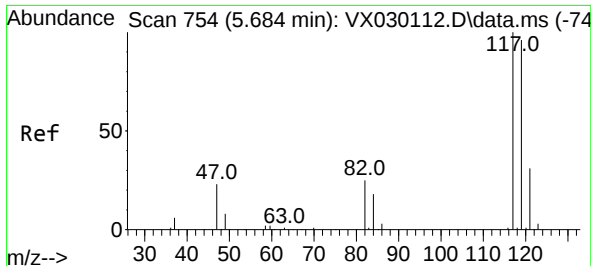
Ion Ratio Lower Upper

97 100

99 62.9 51.2 76.8

61 45.8 36.8 55.2

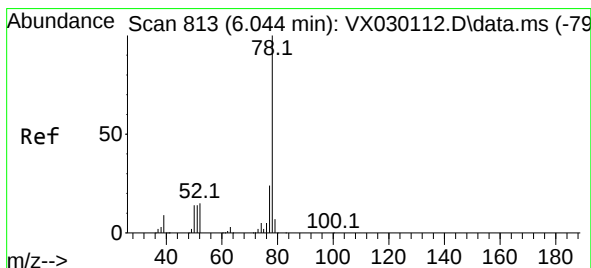
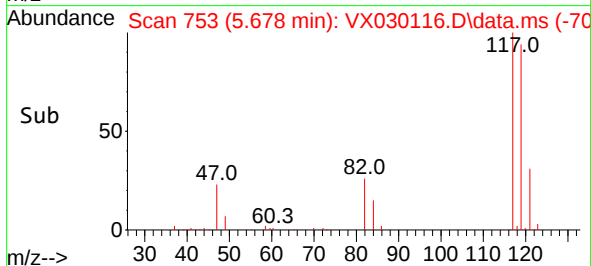
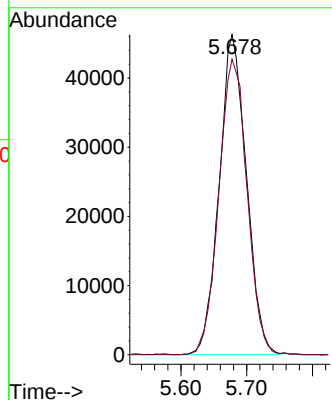
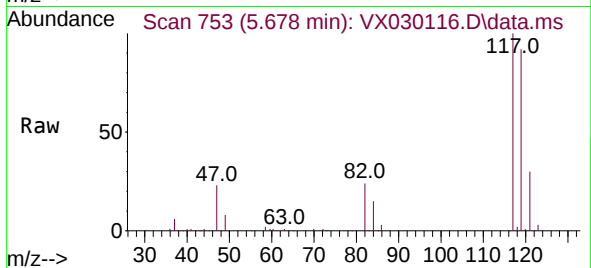




#31
Carbon tetrachloride
Concen: 52.016 ug/L
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

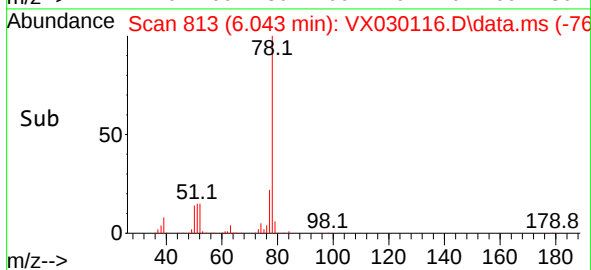
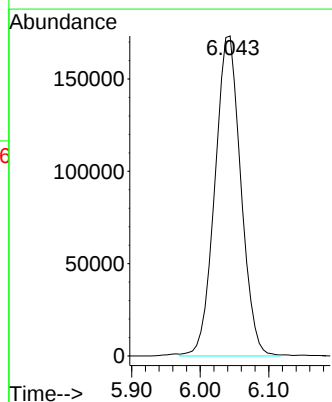
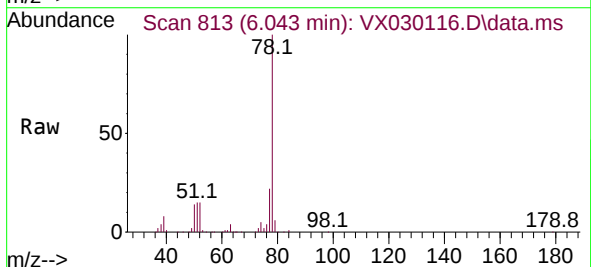
Instrument :
MSVOA_X
ClientSampleId :
VICV677

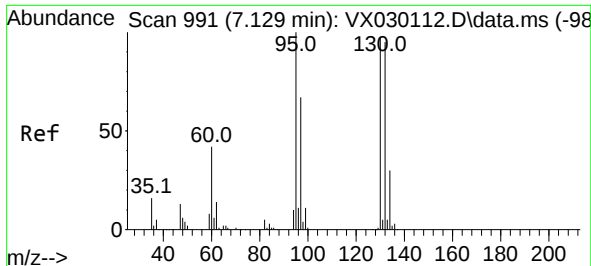
Tgt Ion:117 Resp: 133061
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2



#33
Benzene
Concen: 51.820 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion: 78 Resp: 455419

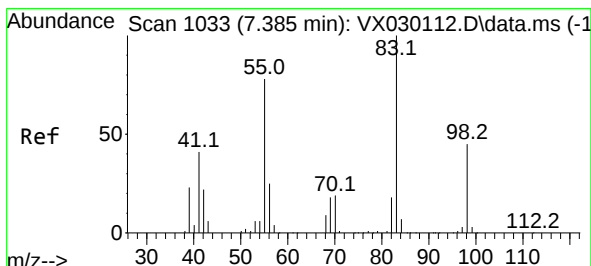
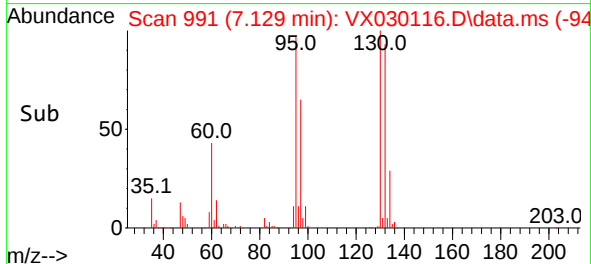
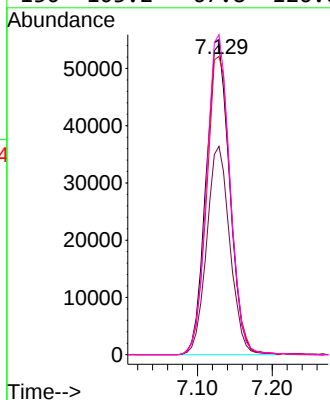
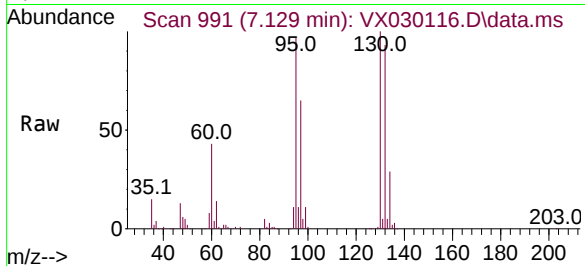




#34
Trichloroethene
Concen: 50.711 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

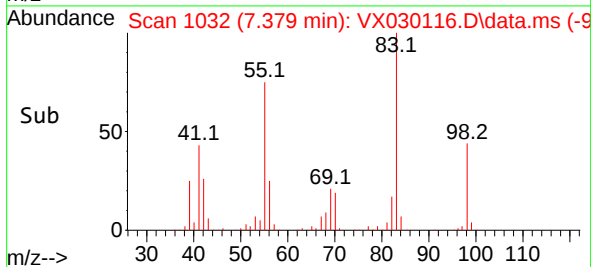
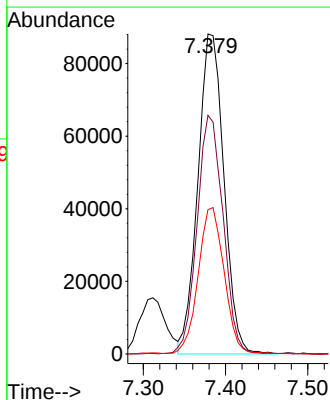
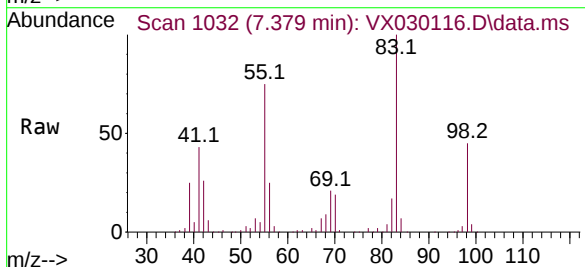
Instrument :
MSVOA_X
ClientSampleId :
VICV677

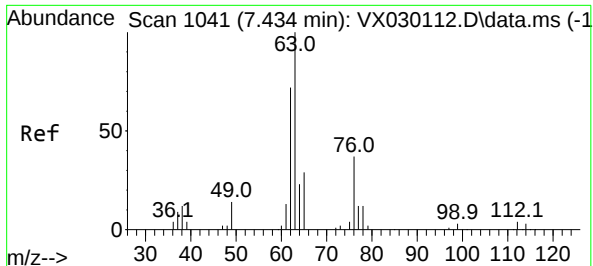
Tgt Ion: 95 Resp: 119368
Ion Ratio Lower Upper
95 100
97 67.2 46.6 86.6
132 96.2 66.4 123.2
130 103.2 67.8 126.0



#35
Methylcyclohexane
Concen: 54.862 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion: 83 Resp: 194276
Ion Ratio Lower Upper
83 100
55 74.5 59.7 89.5
98 45.7 37.0 55.6





#37

1,2-Dichloropropane

Concen: 50.642 ug/L

RT: 7.433 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

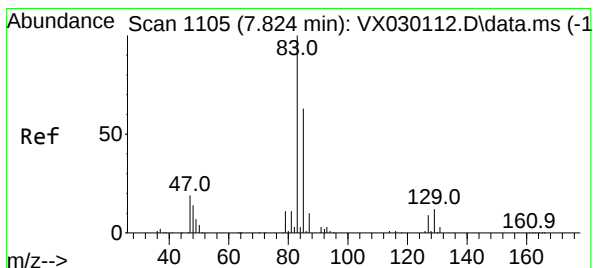
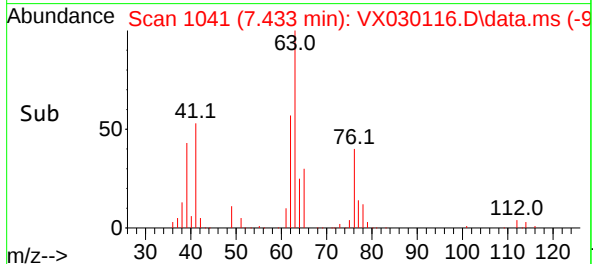
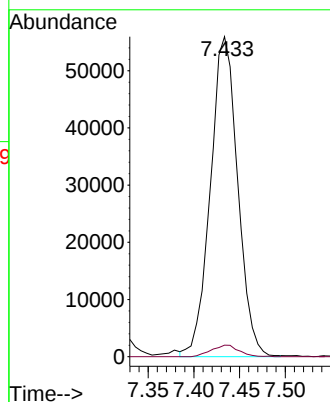
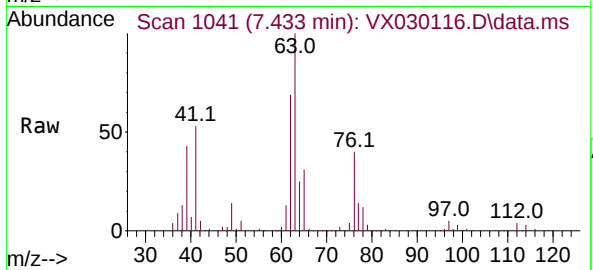
VICV677

Tgt Ion: 63 Resp: 116479

Ion Ratio Lower Upper

63 100

112 3.6 3.1 4.7



#38

Bromodichloromethane

Concen: 50.860 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

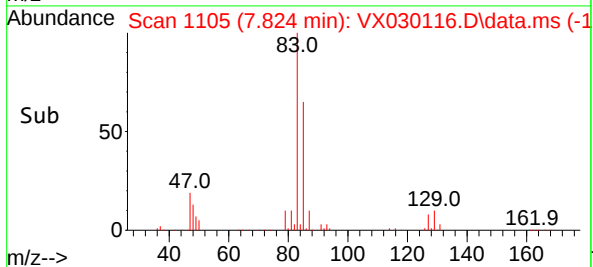
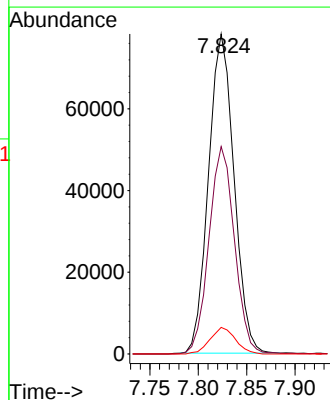
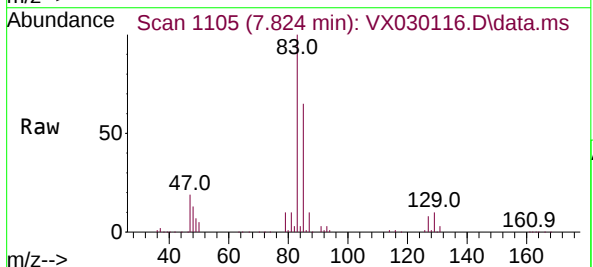
Tgt Ion: 83 Resp: 143131

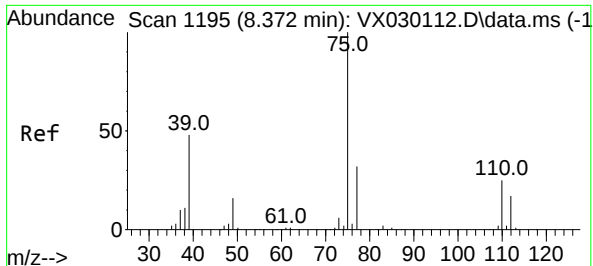
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 51.725 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

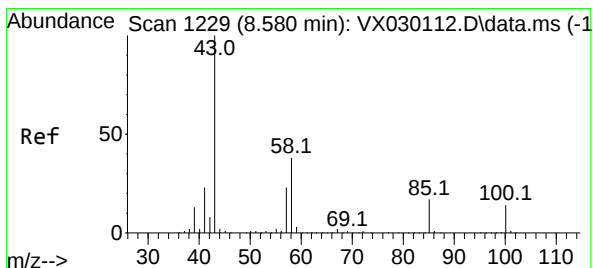
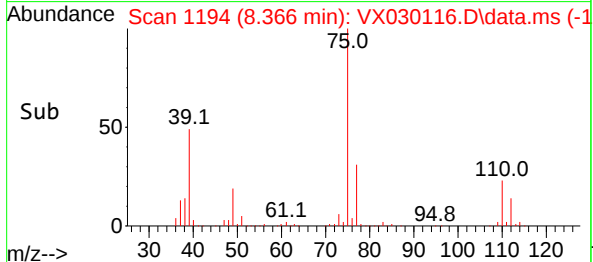
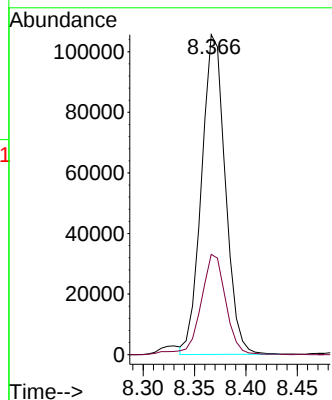
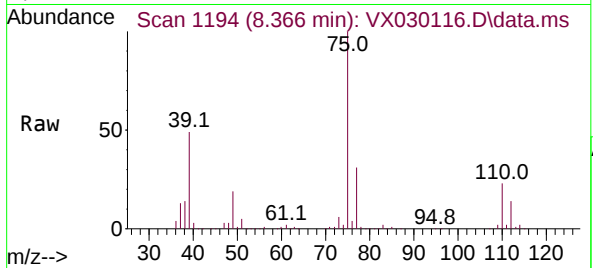
VICV677

Tgt Ion: 75 Resp: 170068

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 105.234 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

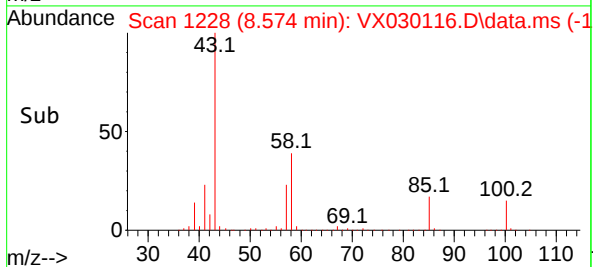
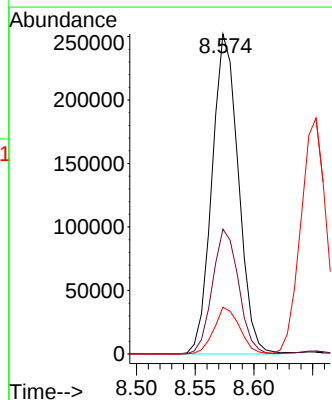
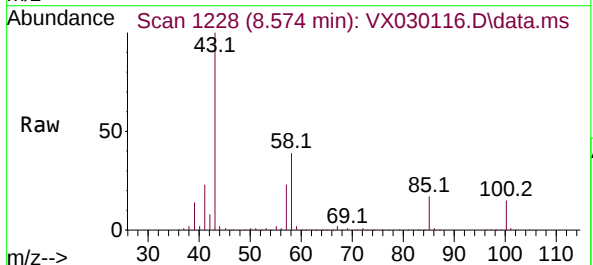
Tgt Ion: 43 Resp: 393734

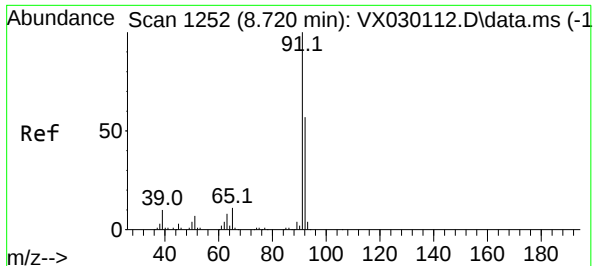
Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3

100 14.3 11.5 17.3

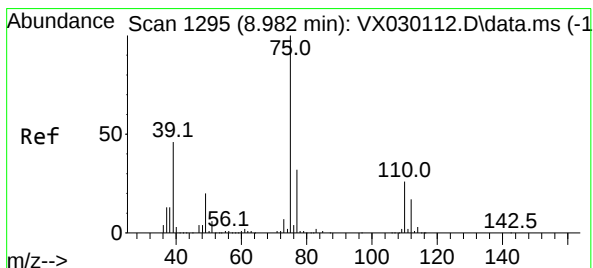
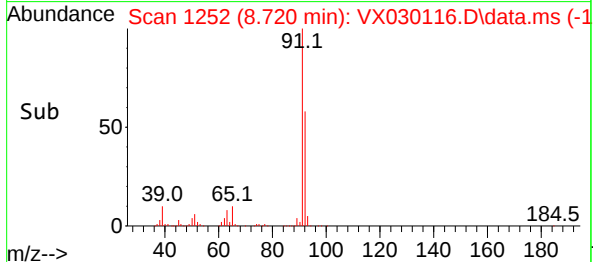
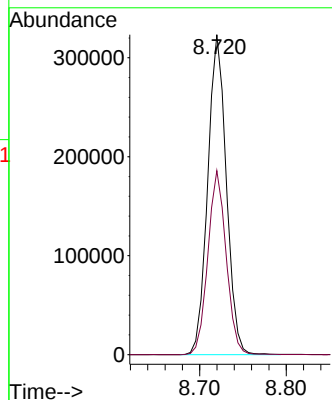
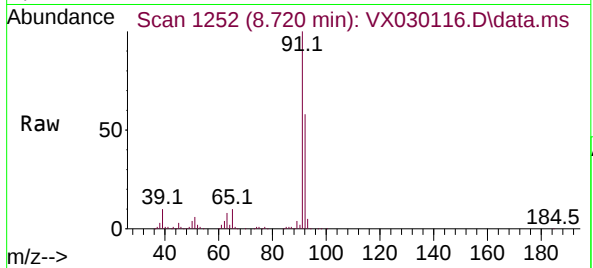




#42
Toluene
Concen: 52.835 ug/L
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

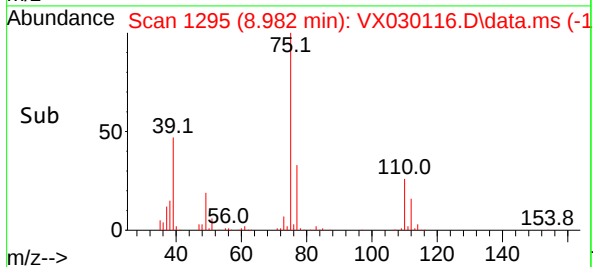
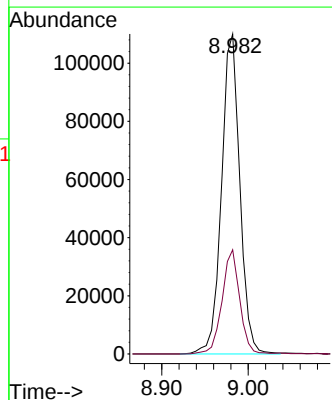
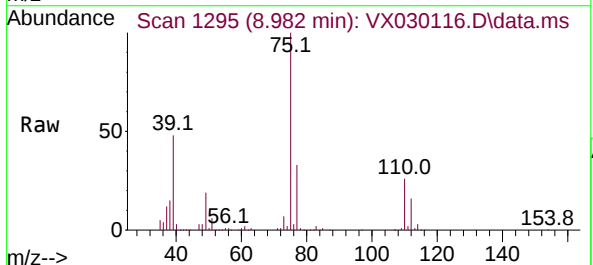
Instrument :
MSVOA_X
ClientSampleId :
VICV677

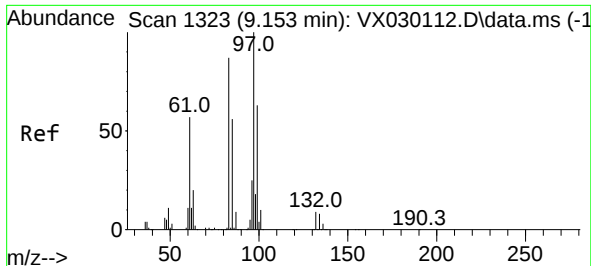
Tgt Ion: 91 Resp: 482127
Ion Ratio Lower Upper
91 100
92 57.5 39.6 73.6



#44
trans-1,3-Dichloropropene
Concen: 52.465 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion: 75 Resp: 161547
Ion Ratio Lower Upper
75 100
77 32.6 22.2 41.2

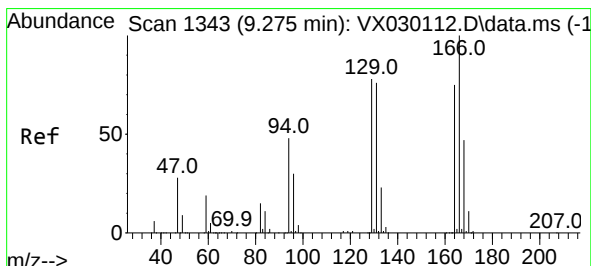
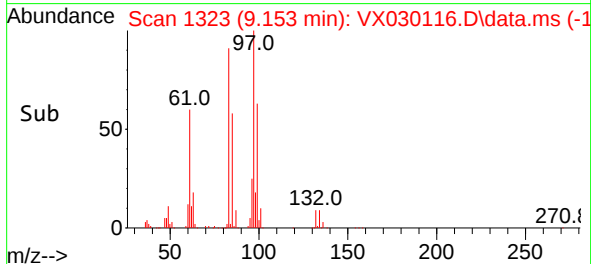
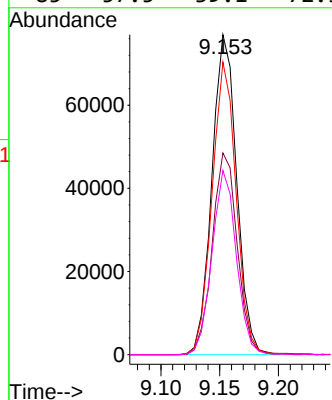
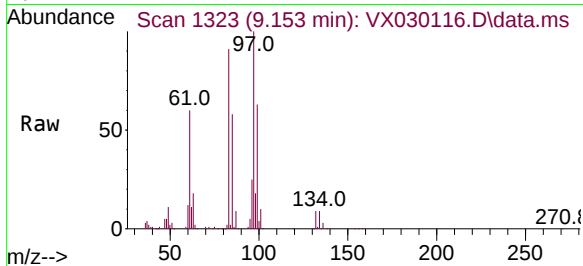




#45
1,1,2-Trichloroethane
Concen: 51.282 ug/L
RT: 9.153 min Scan# 112879
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

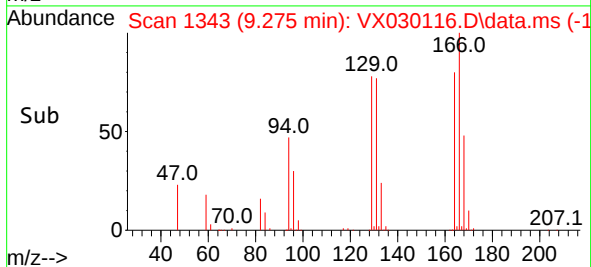
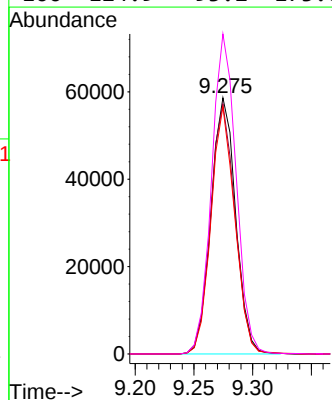
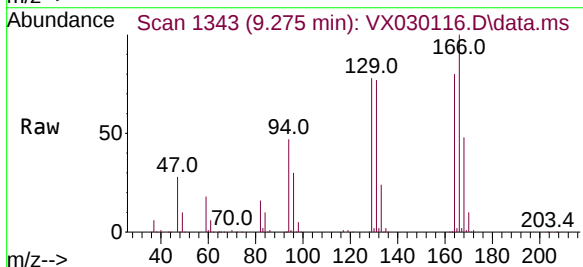
Instrument :
MSVOA_X
ClientSampleId :
VICV677

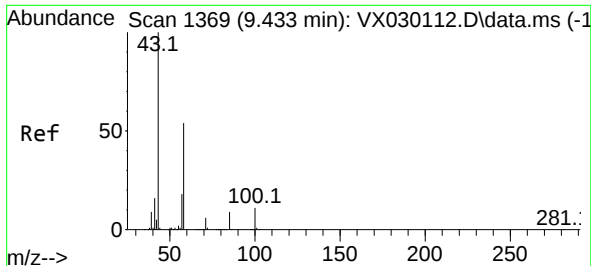
Tgt Ion: 97	Resp: 112879
Ion Ratio	Lower Upper
97 100	
99 63.1	43.8 81.4
83 91.4	61.2 113.8
85 57.5	39.1 72.5



#46
Tetrachloroethene
Concen: 52.449 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt	Ion:164	Resp:	85529
Ion	Ratio	Lower	Upper
164	100		
129	97.6	73.0	135.6
131	96.5	70.7	131.3
166	124.9	93.2	173.0

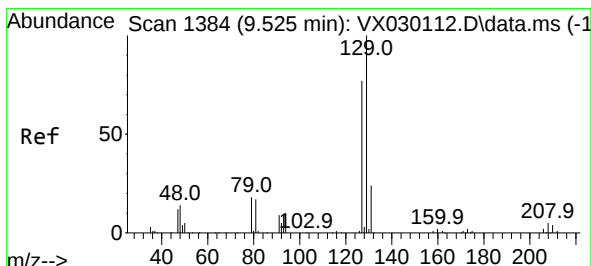
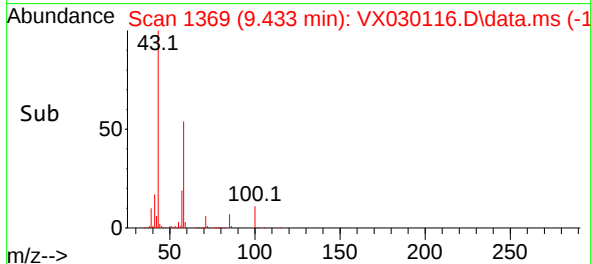
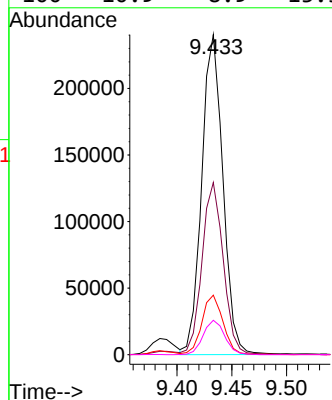
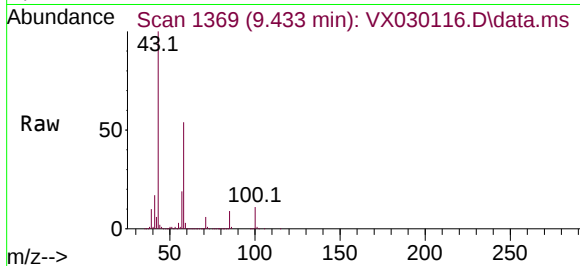




#48
2-Hexanone
Concen: 107.567 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

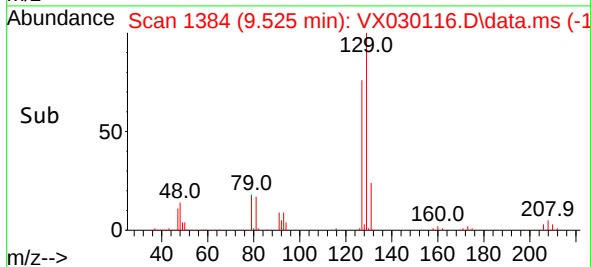
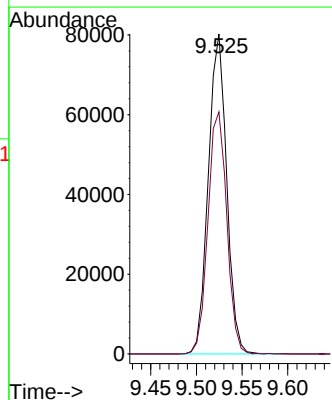
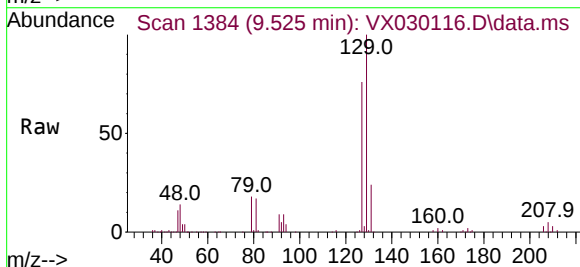
Instrument :
MSVOA_X
ClientSampleId :
VICV677

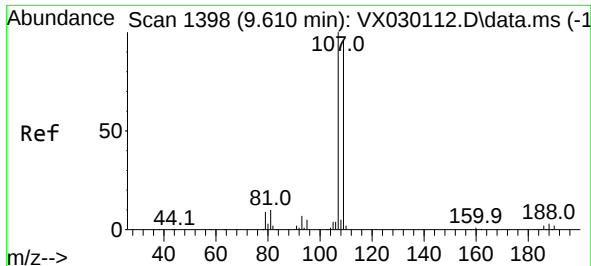
Tgt Ion: 43 Resp: 323191
Ion Ratio Lower Upper
43 100
58 53.9 43.4 65.2
57 18.4 14.3 21.5
100 10.9 8.9 13.3



#49
Dibromochloromethane
Concen: 50.944 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion: 129 Resp: 112202
Ion Ratio Lower Upper
129 100
127 75.7 53.6 99.6

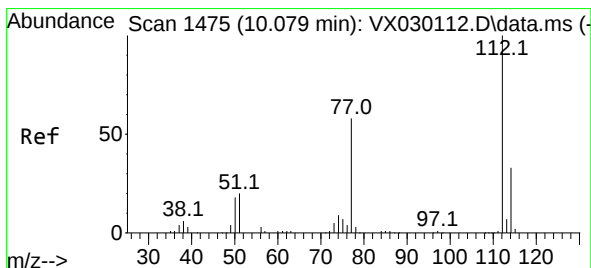
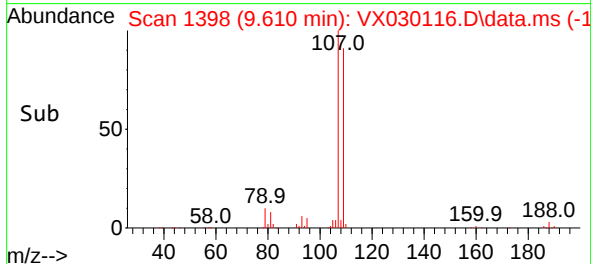
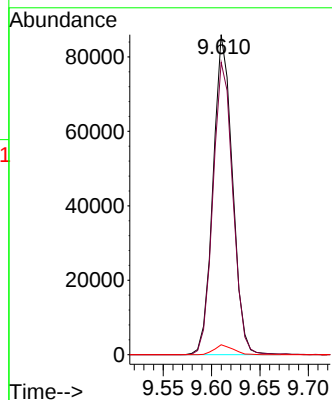
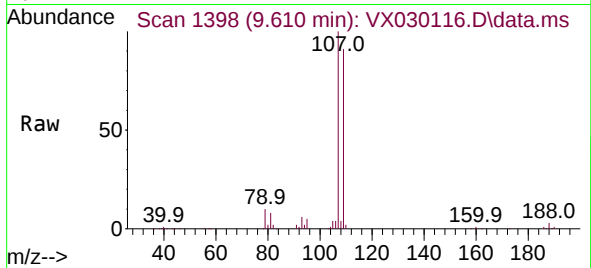




#50
1,2-Dibromoethane
Concen: 51.136 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

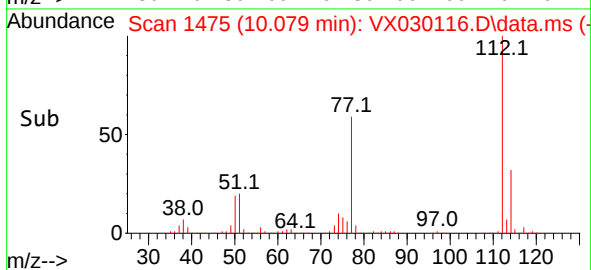
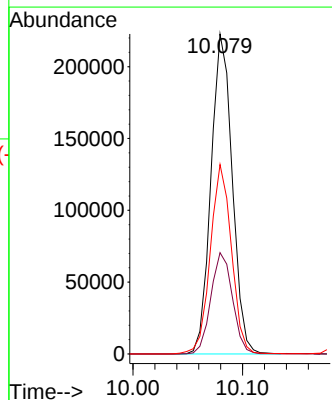
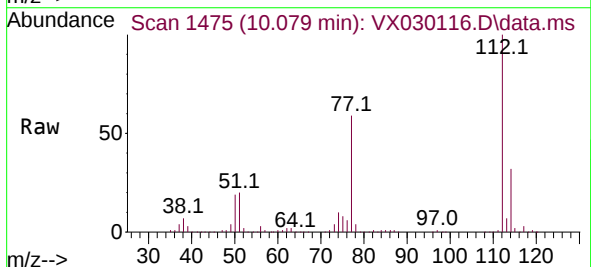
Instrument :
MSVOA_X
ClientSampleId :
VICV677

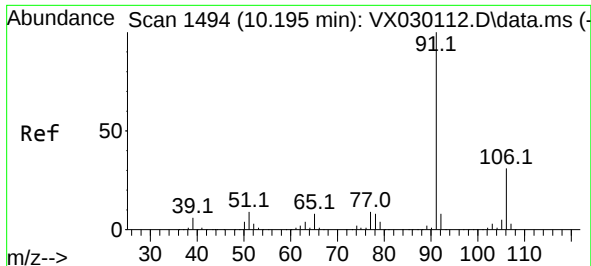
Tgt Ion:107 Resp: 119525
Ion Ratio Lower Upper
107 100
109 91.4 66.9 124.3
188 3.1 2.4 3.6



#51
Chlorobenzene
Concen: 52.320 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion:112 Resp: 299983
Ion Ratio Lower Upper
112 100
114 31.7 23.4 43.4
77 59.2 46.7 70.1





#52

Ethylbenzene

Concen: 53.038 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

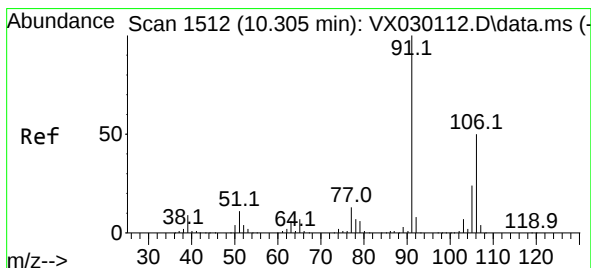
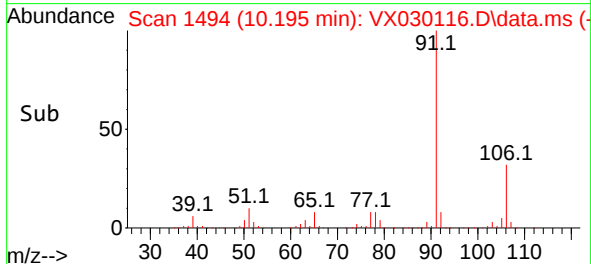
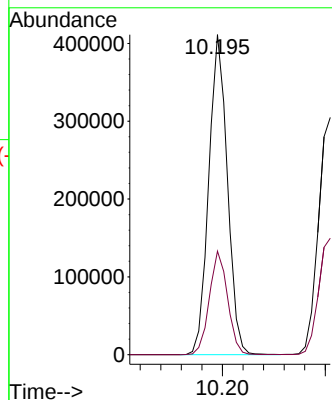
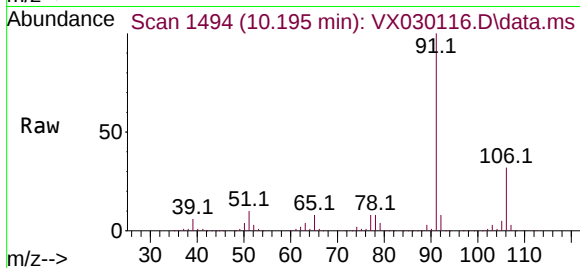
VICV677

Tgt Ion: 91 Resp: 515858

Ion Ratio Lower Upper

91 100

106 32.4 21.7 40.3



#53

m,p-Xylene

Concen: 53.708 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030116.D

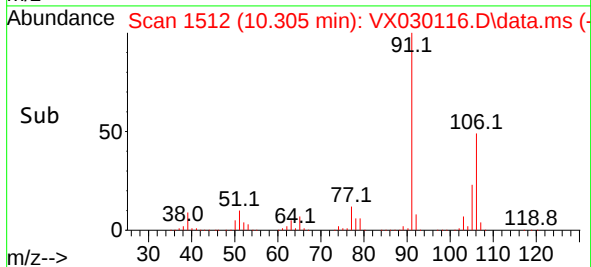
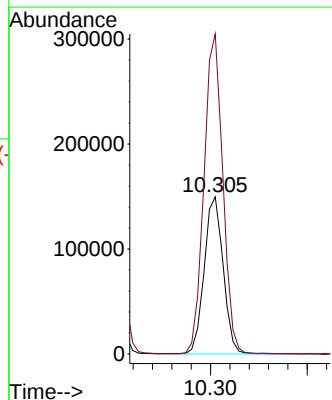
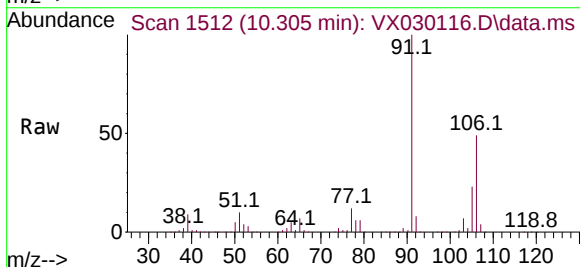
Acq: 19 Jul 2022 14:37

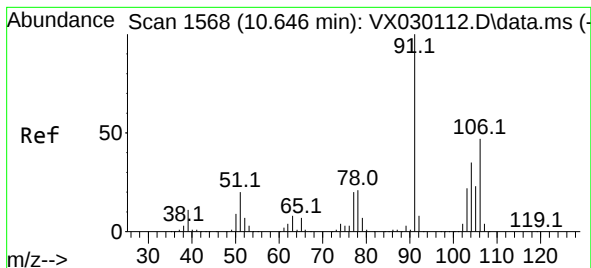
Tgt Ion:106 Resp: 203627

Ion Ratio Lower Upper

106 100

91 203.6 139.7 259.5





#54

o-Xylene

Concen: 54.028 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

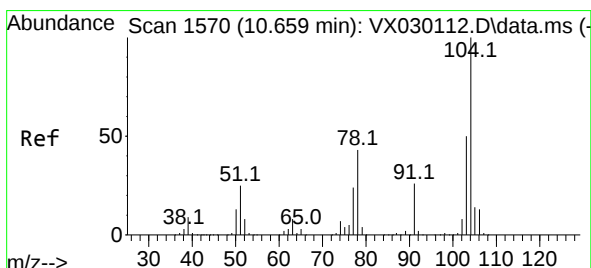
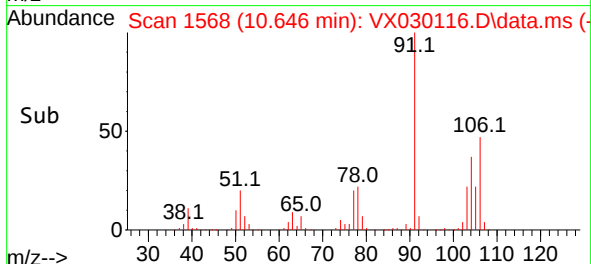
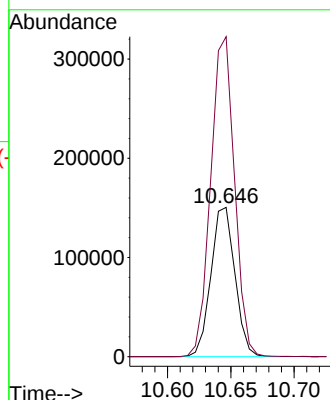
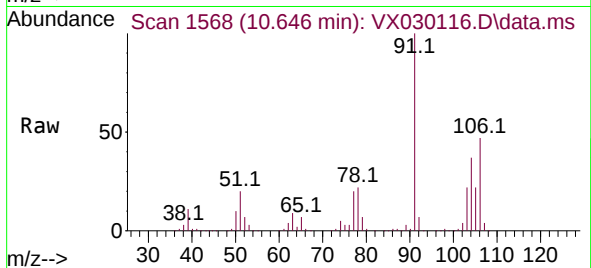
VICV677

Tgt Ion:106 Resp: 198914

Ion Ratio Lower Upper

106 100

91 214.4 149.4 277.4



#55

Styrene

Concen: 54.652 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030116.D

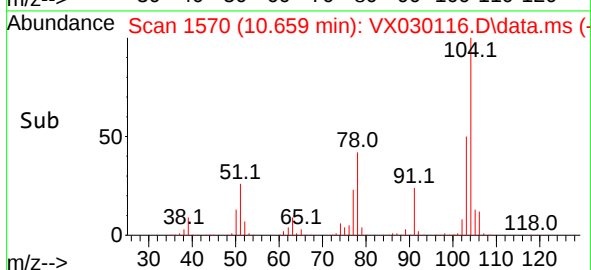
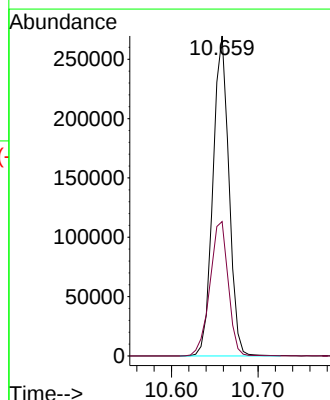
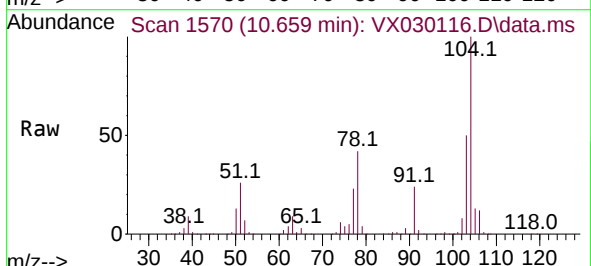
Acq: 19 Jul 2022 14:37

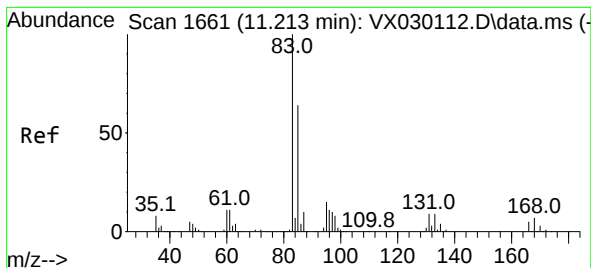
Tgt Ion:104 Resp: 346631

Ion Ratio Lower Upper

104 100

78 42.0 30.3 56.3

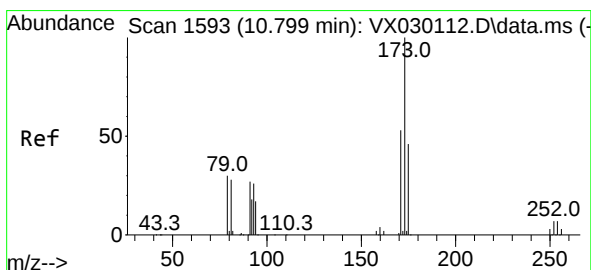
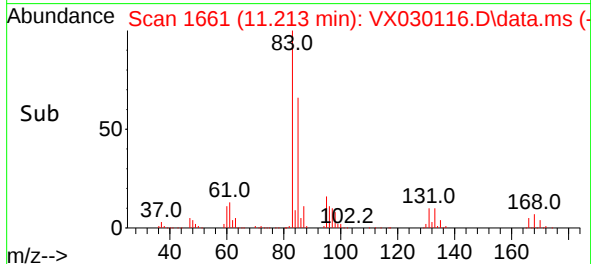
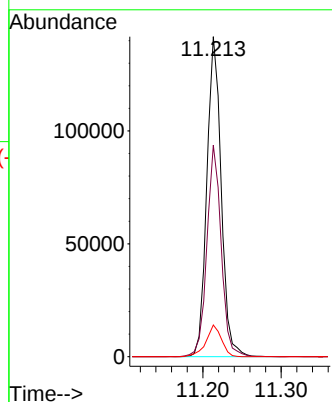
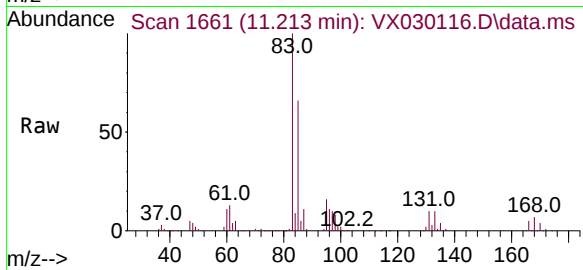




#57
1,1,2,2-Tetrachloroethane
Concen: 51.734 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

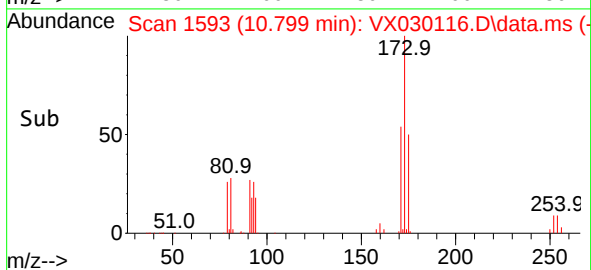
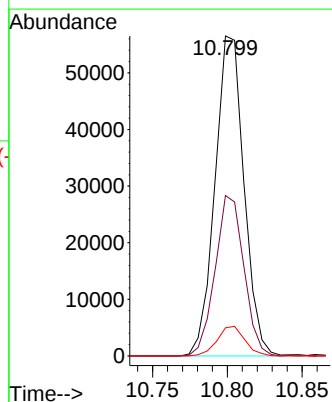
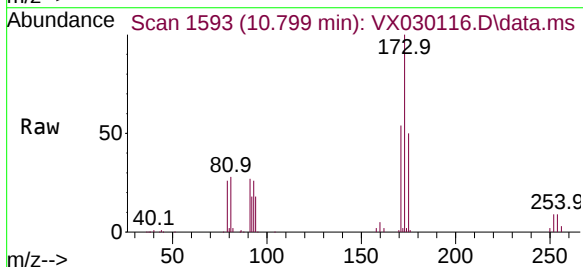
Instrument :
MSVOA_X
ClientSampleId :
VICV677

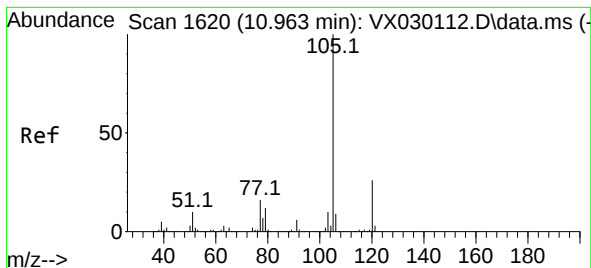
Tgt Ion: 83 Resp: 179704
Ion Ratio Lower Upper
83 100
85 66.1 44.7 83.1
131 9.9 7.2 10.8



#59
Bromoform
Concen: 48.382 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion: 173 Resp: 76228
Ion Ratio Lower Upper
173 100
175 49.6 37.8 56.6
254 8.9 6.4 9.6





#60

Isopropylbenzene

Concen: 51.655 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

VICV677

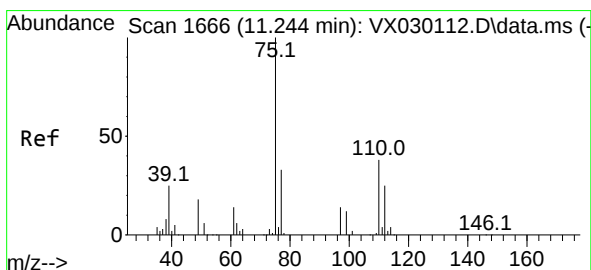
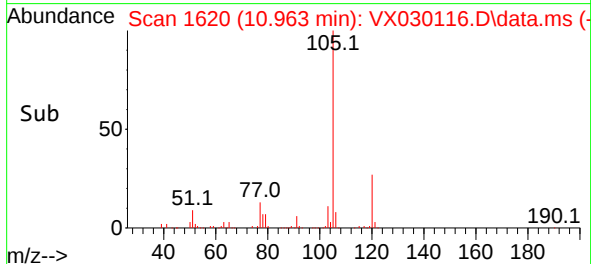
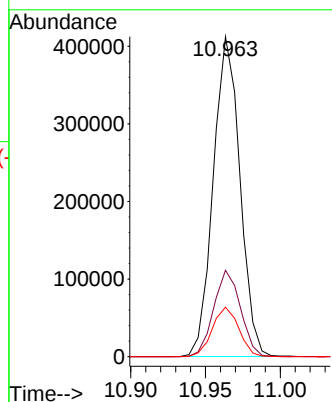
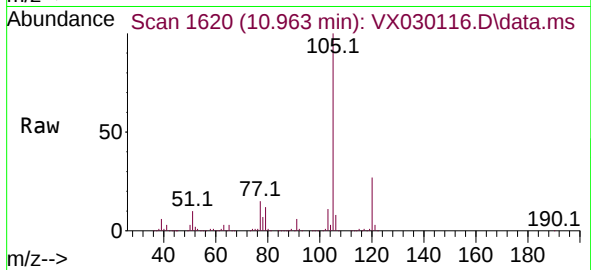
Tgt Ion:105 Resp: 510707

Ion Ratio Lower Upper

105 100

120 27.1 21.1 31.7

77 15.4 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 49.638 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

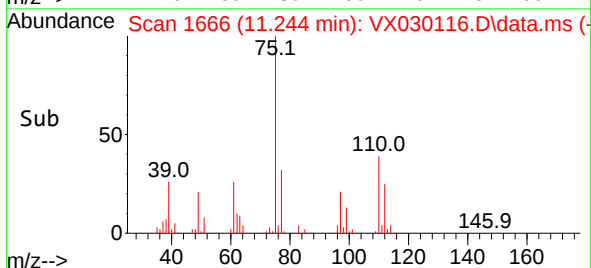
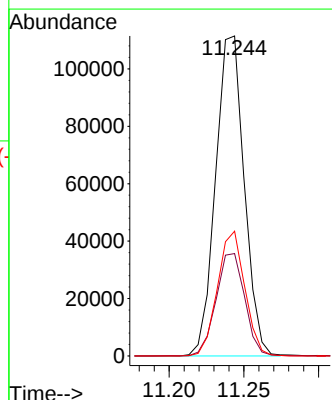
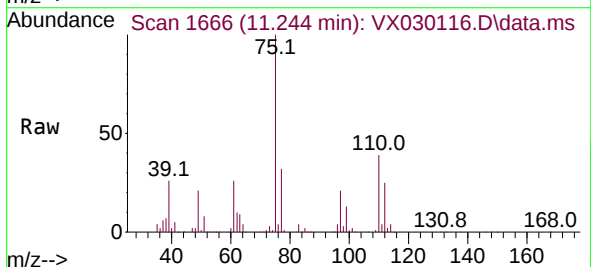
Tgt Ion: 75 Resp: 148530

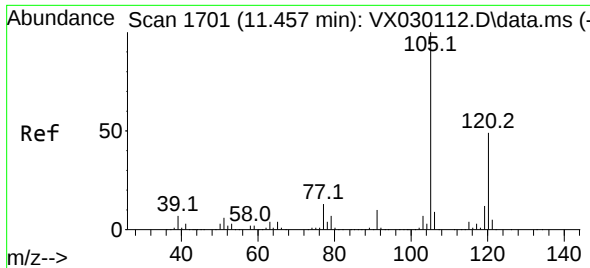
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

110 37.2 30.2 45.2

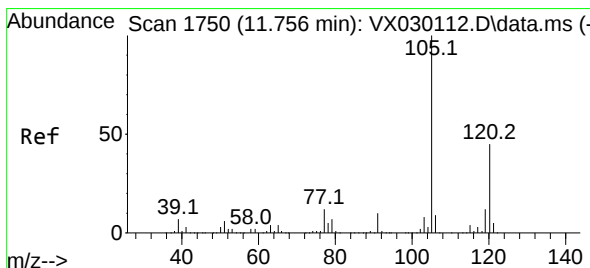
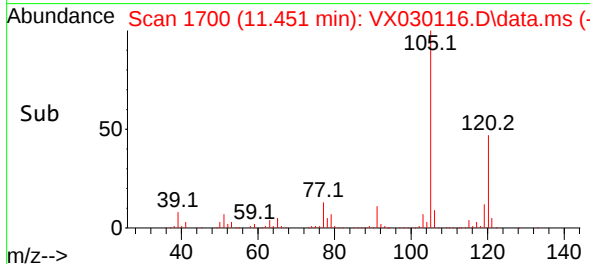
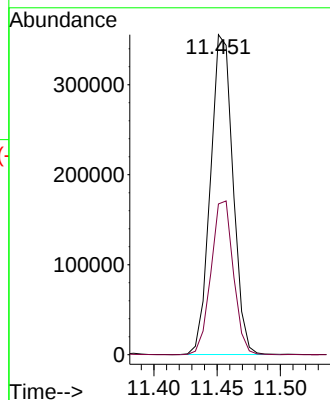
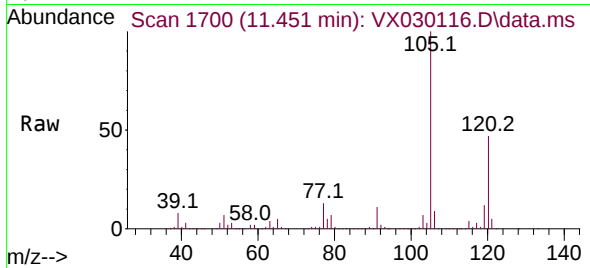




#62
 1,3,5-Trimethylbenzene
 Concen: 53.860 ug/L
 RT: 11.451 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030116.D
 Acq: 19 Jul 2022 14:37

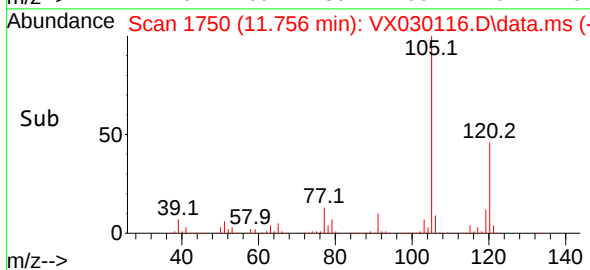
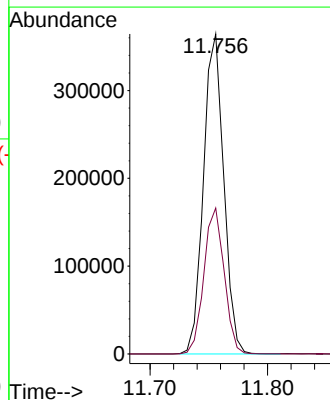
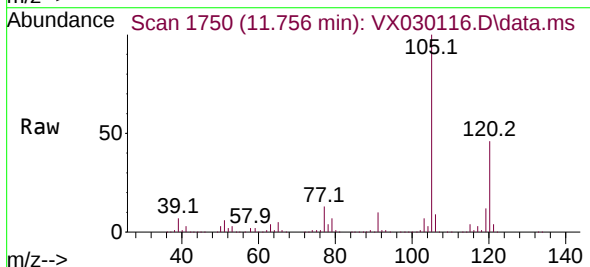
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV677

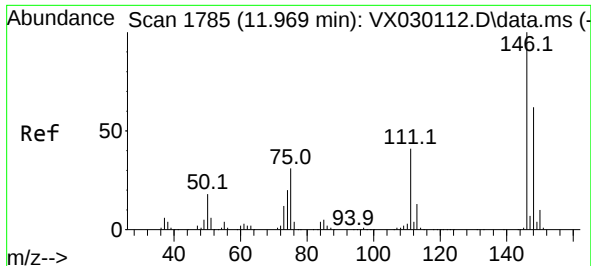
Tgt Ion:105 Resp: 440027
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 53.617 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030116.D
 Acq: 19 Jul 2022 14:37

Tgt Ion:105 Resp: 436758
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.2 54.4

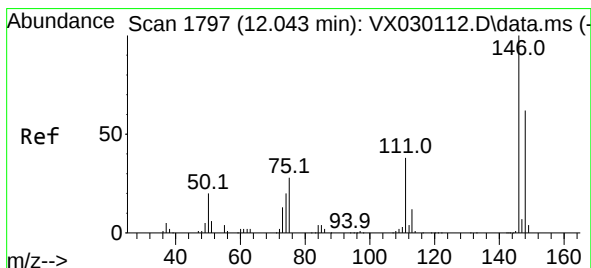
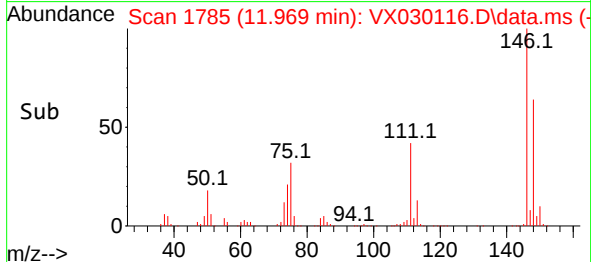
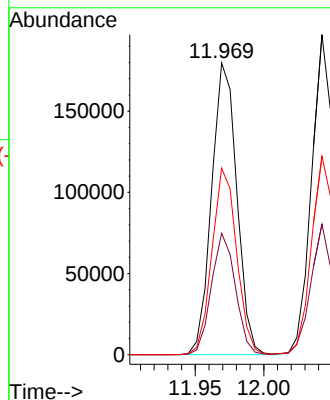
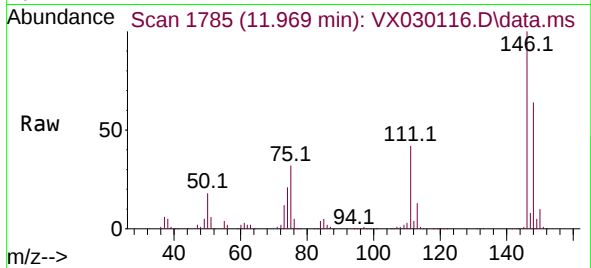




#64
1,3-Dichlorobenzene
Concen: 52.782 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

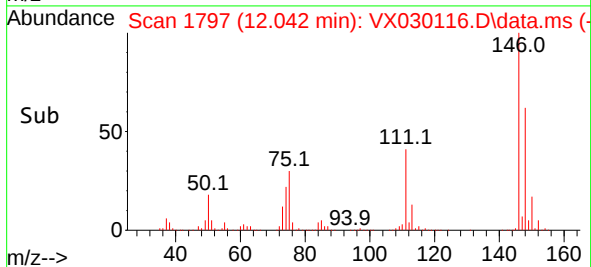
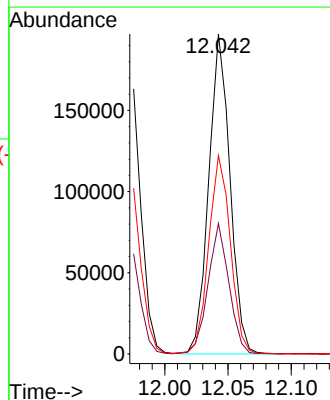
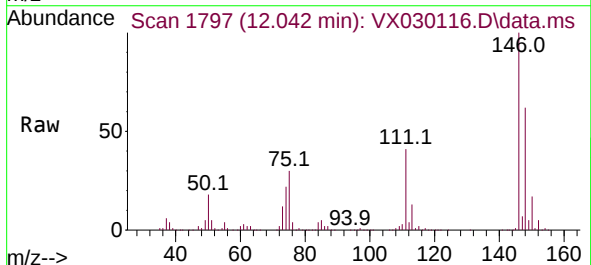
Instrument :
MSVOA_X
ClientSampleId :
VICV677

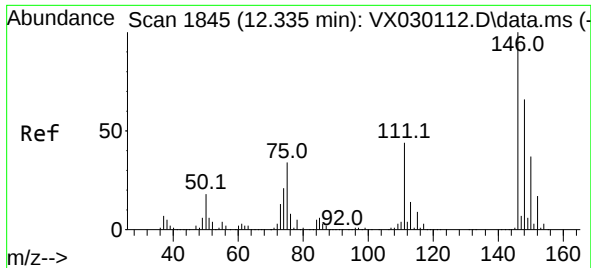
Tgt Ion:146 Resp: 229543
Ion Ratio Lower Upper
146 100
111 41.6 28.4 52.8
148 63.9 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 52.690 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion:146 Resp: 230366
Ion Ratio Lower Upper
146 100
111 40.8 27.0 50.2
148 62.0 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 53.445 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

VICV677

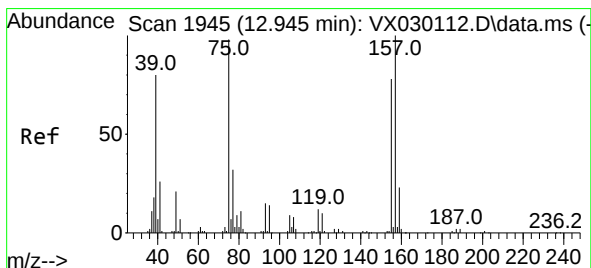
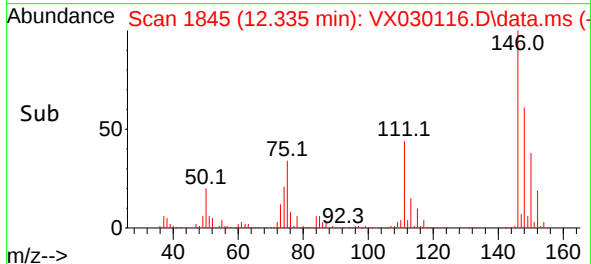
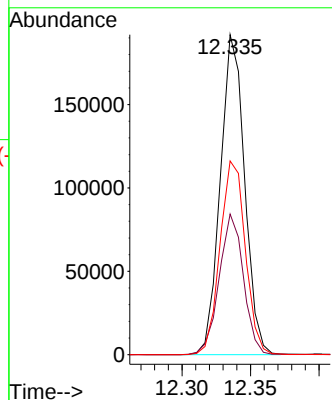
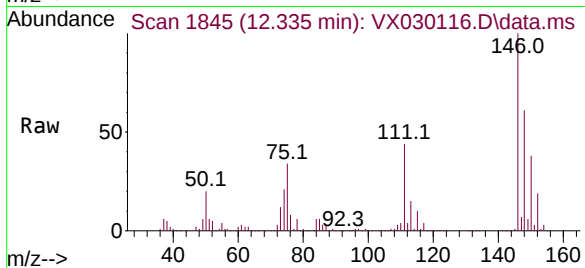
Tgt Ion:146 Resp: 236447

Ion Ratio Lower Upper

146 100

111 44.0 35.4 53.0

148 60.5 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 52.767 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

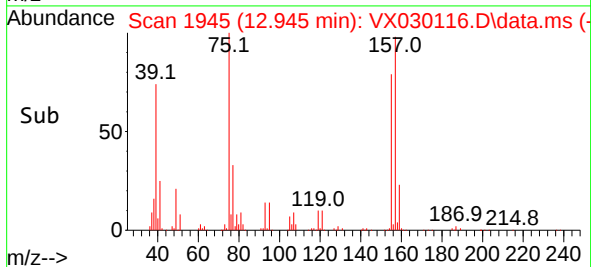
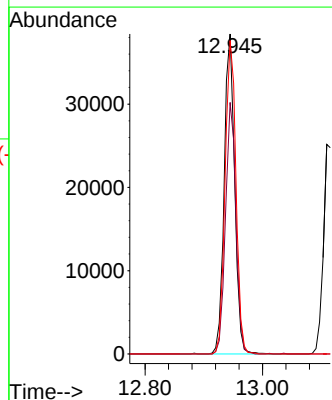
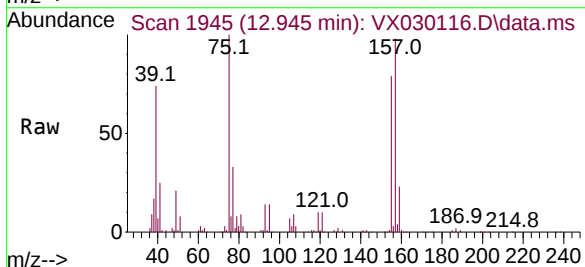
Tgt Ion: 75 Resp: 47418

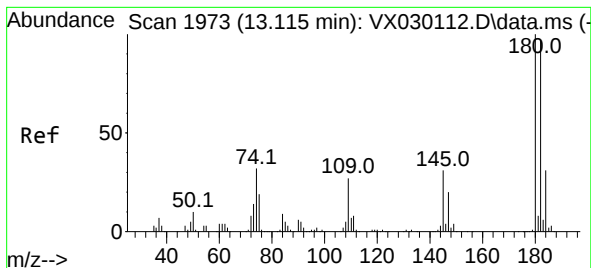
Ion Ratio Lower Upper

75 100

155 78.6 63.6 95.4

157 97.9 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 53.598 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

Instrument :

MSVOA_X

ClientSampleId :

VICV677

Tgt Ion:180 Resp: 157387

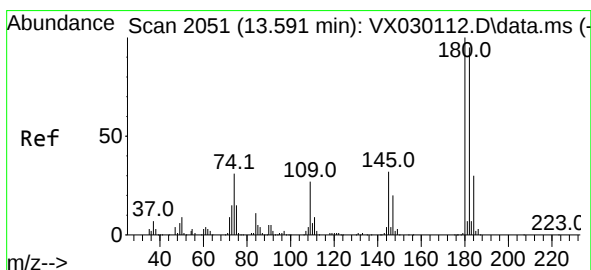
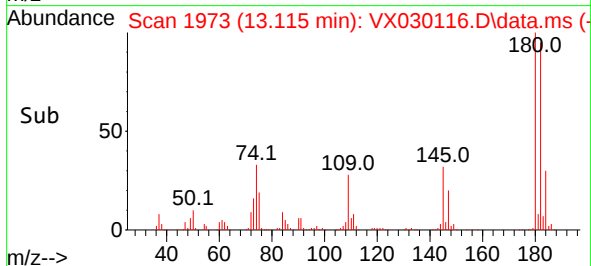
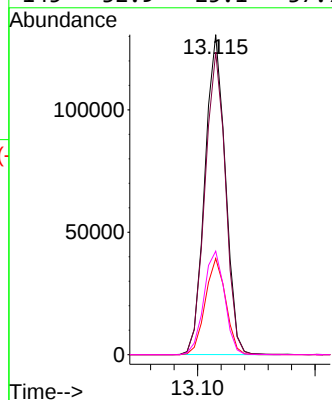
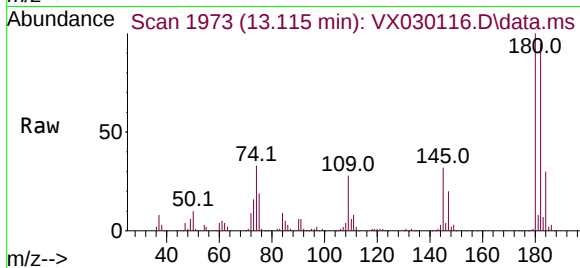
Ion Ratio Lower Upper

180 100

182 94.8 75.1 112.7

184 30.1 23.8 35.6

145 32.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 55.490 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030116.D

Acq: 19 Jul 2022 14:37

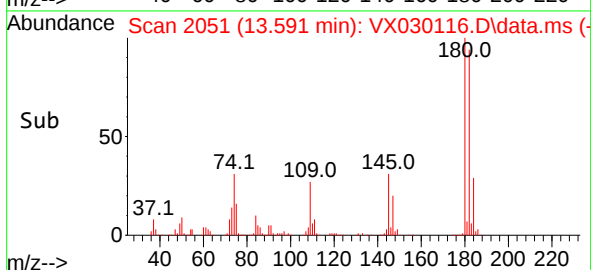
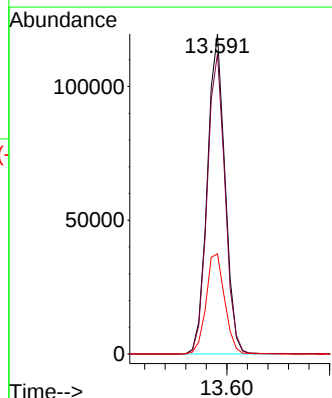
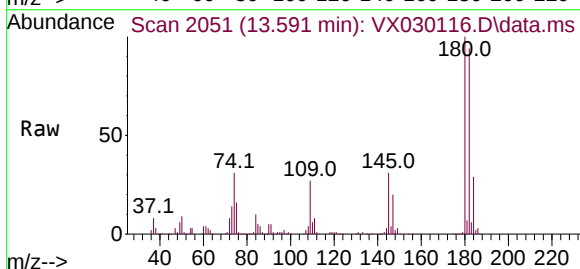
Tgt Ion:180 Resp: 143019

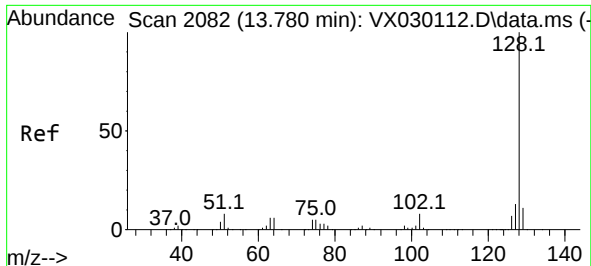
Ion Ratio Lower Upper

180 100

182 94.5 75.2 112.8

145 32.9 26.2 39.2

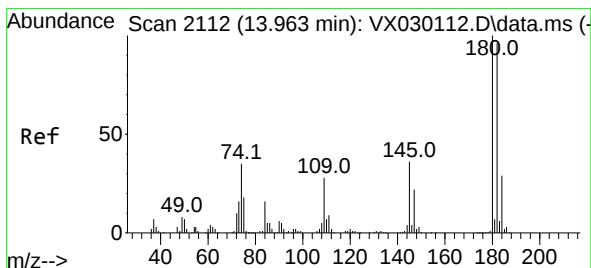
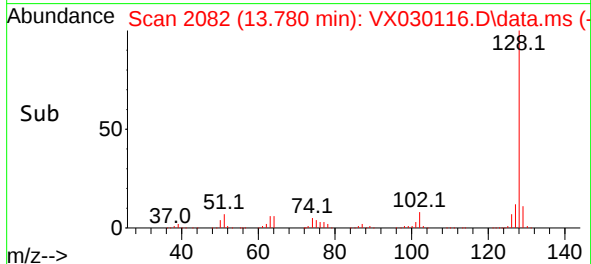
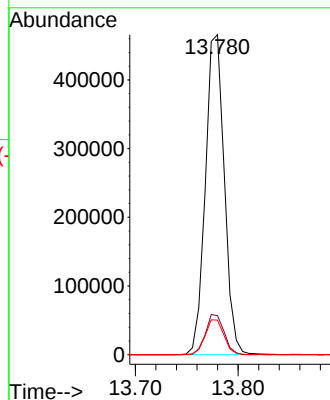
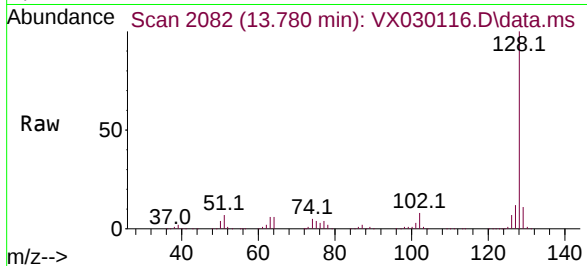




#71
Naphthalene
Concen: 56.734 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Instrument :
MSVOA_X
ClientSampleId :
VICV677

Tgt Ion:128 Resp: 598218
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.227 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030116.D
Acq: 19 Jul 2022 14:37

Tgt Ion:180 Resp: 145751
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 35.0 28.0 42.0

