

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081522\
 Data File : VX030638.D
 Acq On : 15 Aug 2022 20:05
 Operator : JC/MD
 Sample : N4168-07MS
 Misc : 9.34g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EX9B5MS

Quant Time: Aug 16 04:33:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 16 04:27:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	317834	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	147368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49247	24.128	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	48.260%#		
7) Chloroethane-d5	1.654	69	20688	14.378	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	28.760%#		
11) 1,1-Dichloroethene-d2	2.276	63	141775	36.721	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.440%		
21) 2-Butanone-d5	4.507	46	148962	78.768	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.770%		
24) Chloroform-d	5.062	84	153848	36.616	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.240%		
26) 1,2-Dichloroethane-d4	5.958	65	102375	35.884	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.760%		
32) Benzene-d6	5.970	84	259650	32.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.260%#		
36) 1,2-Dichloropropane-d6	7.312	67	92996	35.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	70.940%		
41) Toluene-d8	8.653	98	233323	30.628	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	61.260%#		
43) trans-1,3-Dichloroprop...	8.958	79	37304	28.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.200%#		
47) 2-Hexanone-d5	9.403	63	96862	72.473	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.470%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	130099	37.769	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.540%		
66) 1,2-Dichlorobenzene-d4	12.323	152	92233	32.268	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	64.540%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	105536	44.127	ug/L	99
3) Chloromethane	1.288	50	98660	47.975	ug/L	99
5) Vinyl chloride	1.374	62	102995	46.888	ug/L	95
6) Bromomethane	1.605	94	16991	16.460	ug/L	95
8) Chloroethane	1.672	64	30798	24.614	ug/L	99
9) Trichlorofluoromethane	1.849	101	71644	22.069	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	107722	55.788	ug/L	98
12) 1,1-Dichloroethene	2.282	96	100380	56.427	ug/L #	74
13) Acetone	2.435	43	133105	96.034	ug/L	98
14) Carbon disulfide	2.477	76	213868	37.093	ug/L	99
15) Methyl Acetate	2.727	43	153011	53.335	ug/L	100
16) Methylene chloride	2.776	84	120398	53.374	ug/L	99
17) trans-1,2-Dichloroethene	3.075	96	106133	51.497	ug/L	98
18) Methyl tert-butyl Ether	3.142	73	403054	57.508	ug/L	99
19) 1,1-Dichloroethane	3.605	63	217664	54.605	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	125137	53.976	ug/L	98
22) 2-Butanone	4.611	43	212143	97.025	ug/L	100
23) Bromochloromethane	4.898	128	55962	48.134	ug/L	91
25) Chloroform	5.099	83	238016	56.831	ug/L	100

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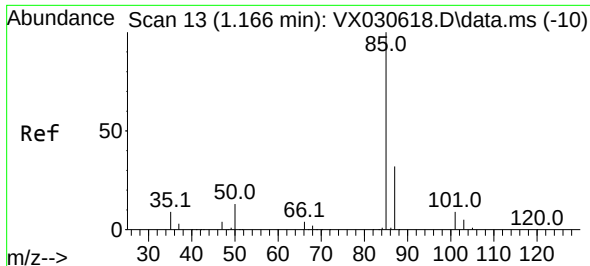
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 16 04:27:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	192937	55.349	ug/L	96
29) Cyclohexane	5.458	56	188189	50.173	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	199081	53.494	ug/L	98
31) Carbon tetrachloride	5.672	117	157057	51.132	ug/L	99
33) Benzene	6.038	78	486248	53.753	ug/L	100
34) Trichloroethene	7.123	95	131579	50.222	ug/L	89
35) Methylcyclohexane	7.379	83	181444	47.572	ug/L	97
37) 1,2-Dichloropropane	7.434	63	128590	53.464	ug/L	99
38) Bromodichloromethane	7.830	83	162618	51.086	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	184681	51.473	ug/L	98
40) 4-Methyl-2-pentanone	8.592	43	417292	99.629	ug/L	98
42) Toluene	8.720	91	510500	53.422	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	173168	49.312	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	121323	54.248	ug/L	97
46) Tetrachloroethene	9.275	164	82251	49.675	ug/L	96
48) 2-Hexanone	9.445	43	323178	99.307	ug/L	98
49) Dibromochloromethane	9.525	129	112218	47.164	ug/L	97
50) 1,2-Dibromoethane	9.616	107	126004	51.233	ug/L #	100
51) Chlorobenzene	10.086	112	311837	52.379	ug/L	97
52) Ethylbenzene	10.195	91	555342	53.298	ug/L	100
53) m,p-Xylene	10.305	106	202438	52.126	ug/L	91
54) o-Xylene	10.646	106	204637	52.878	ug/L	98
55) Styrene	10.659	104	347403	53.314	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.220	83	187831	55.197	ug/L	98
59) Bromoform	10.805	173	68613	42.755	ug/L	99
60) Isopropylbenzene	10.964	105	539851	51.681	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	159641	50.443	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	461132	51.708	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	457147	50.759	ug/L	97
64) 1,3-Dichlorobenzene	11.976	146	219707	48.384	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	228090	49.412	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	236562	50.377	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	48906	46.846	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	156647	49.191	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	141376	50.551	ug/L	94
71) Naphthalene	13.780	128	608843	52.593	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	157796	53.415	ug/L	99

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

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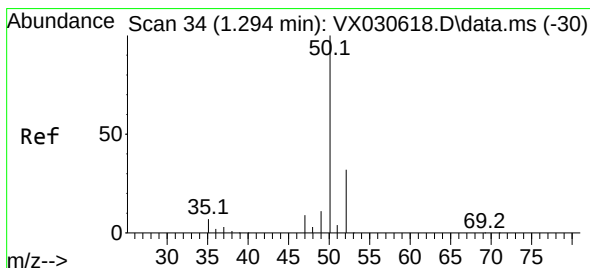
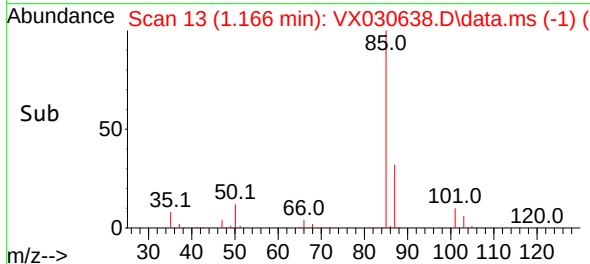
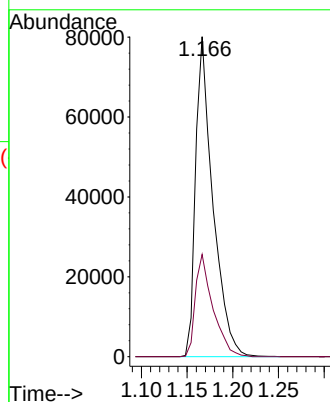
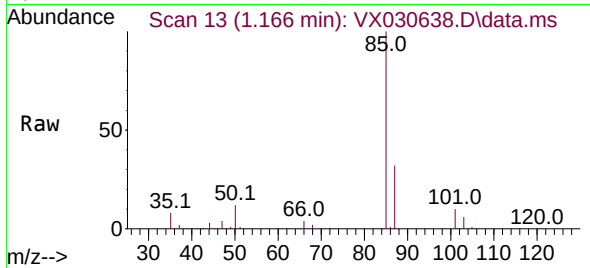
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#2
 Dichlorodifluoromethane
 Concen: 44.127 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030638.D
 Acq: 15 Aug 2022 20:05

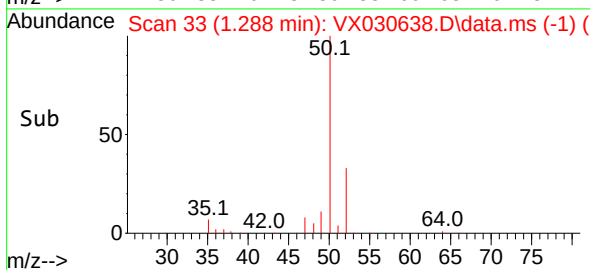
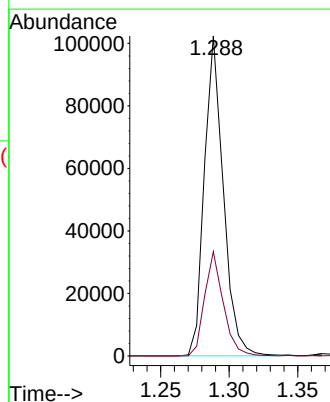
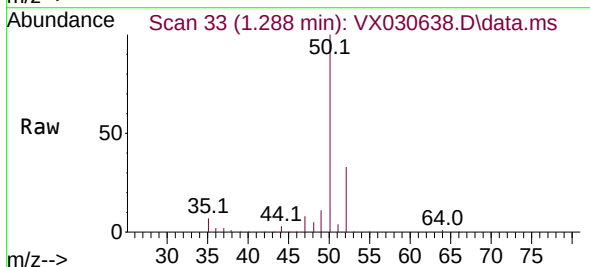
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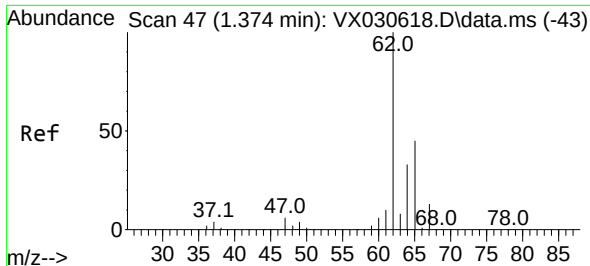
Tgt Ion: 85 Resp: 105536
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.6 38.4



#3
 Chloromethane
 Concen: 47.975 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030638.D
 Acq: 15 Aug 2022 20:05

Tgt Ion: 50 Resp: 98660
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.3 43.3

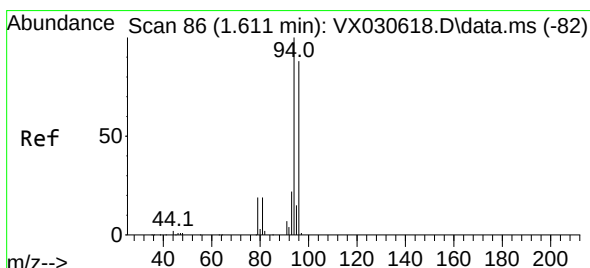
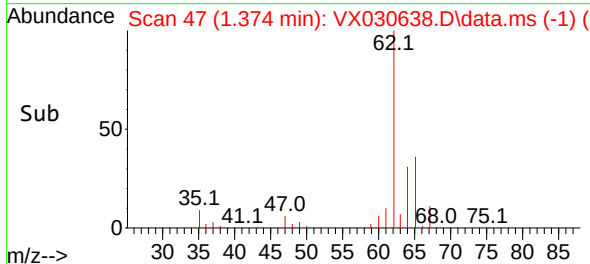
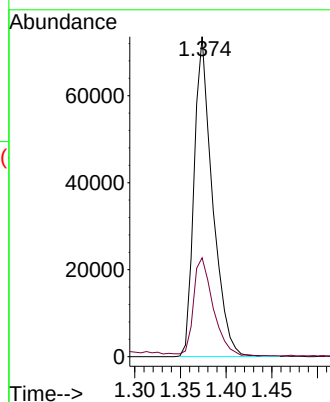
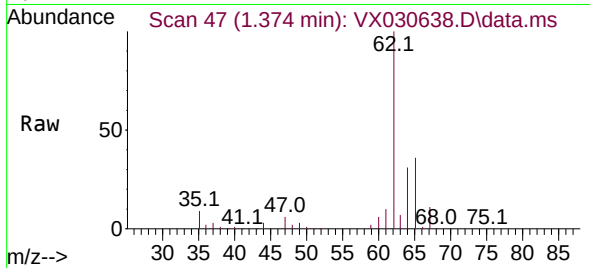




#5
 Vinyl chloride
 Concen: 46.888 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030638.D
 Acq: 15 Aug 2022 20:05

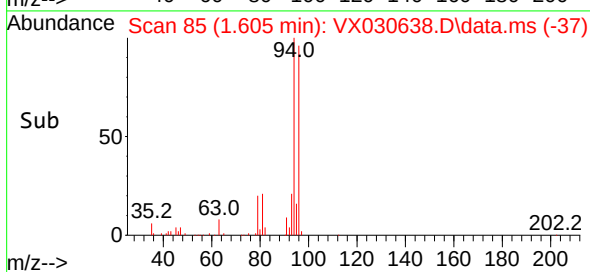
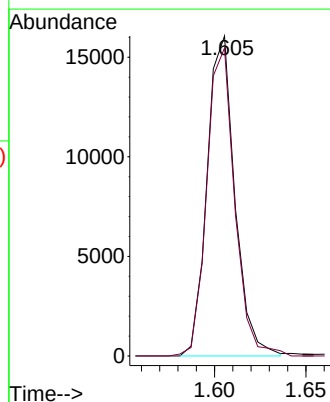
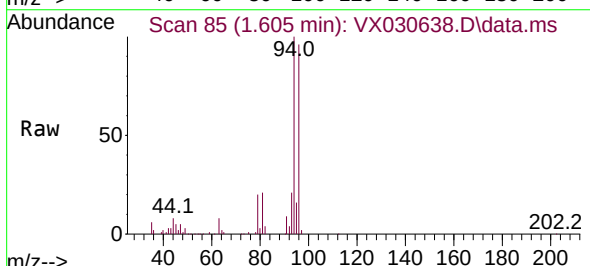
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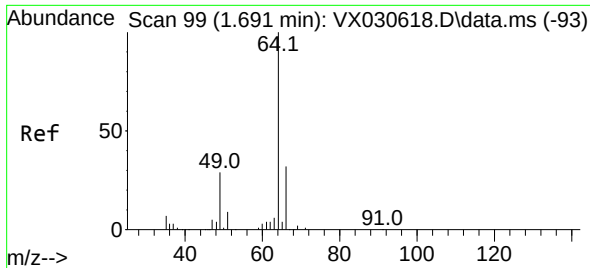
Tgt Ion: 62 Resp: 102995
 Ion Ratio Lower Upper
 62 100
 64 30.9 23.8 44.2



#6
 Bromomethane
 Concen: 16.460 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030638.D
 Acq: 15 Aug 2022 20:05

Tgt Ion: 94 Resp: 16991
 Ion Ratio Lower Upper
 94 100
 96 96.2 63.8 118.6

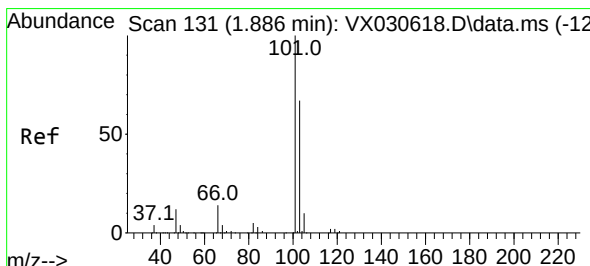
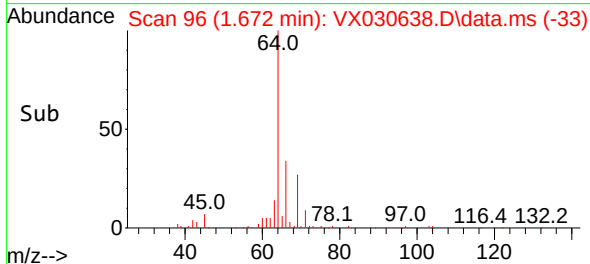
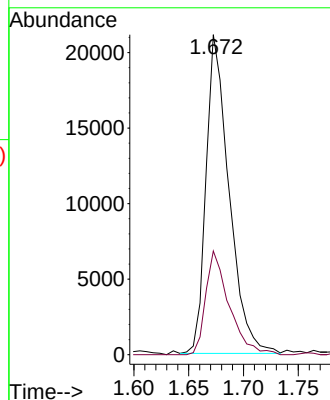
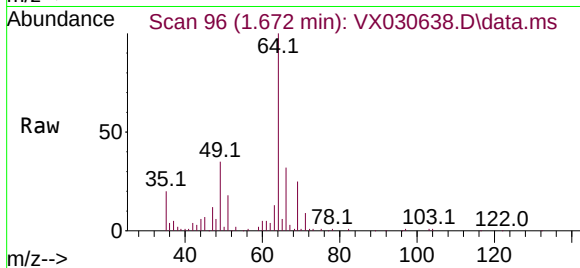




#8
Chloroethane
Concen: 24.614 ug/L
RT: 1.672 min Scan# 90
Delta R.T. -0.018 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

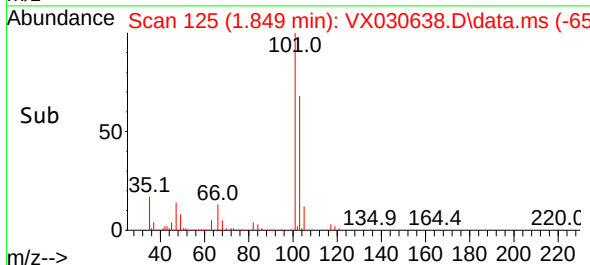
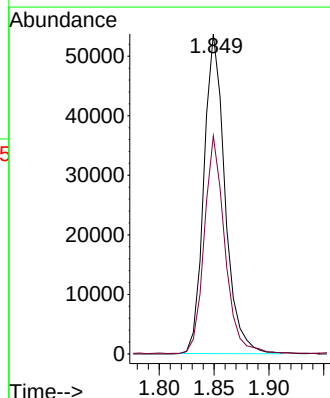
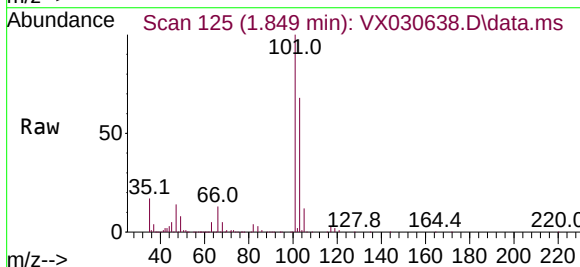
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EX9B5MS

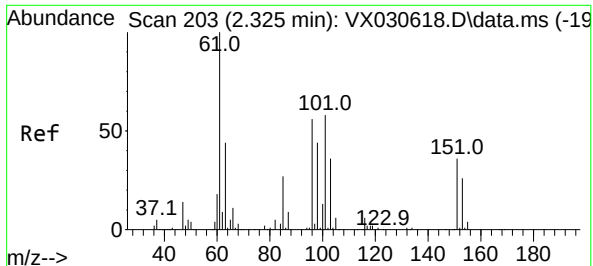
Tgt Ion: 64 Resp: 30798
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 22.069 ug/L
RT: 1.849 min Scan# 125
Delta R.T. -0.036 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion:101 Resp: 71644
Ion Ratio Lower Upper
101 100
103 67.1 51.5 77.3





#10

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

Concen: 55.788 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.037 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MS

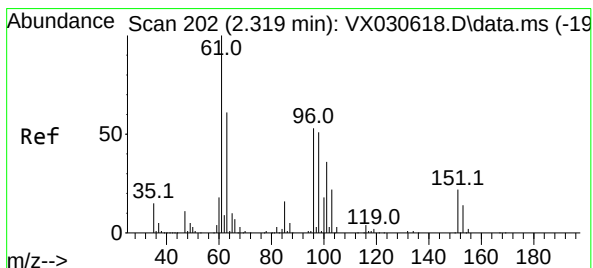
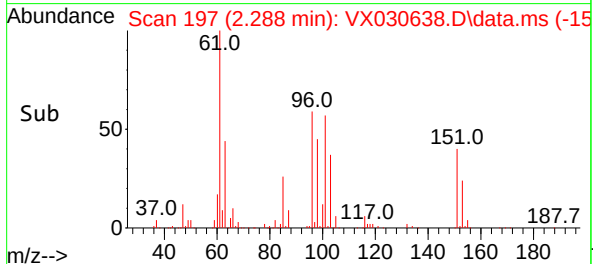
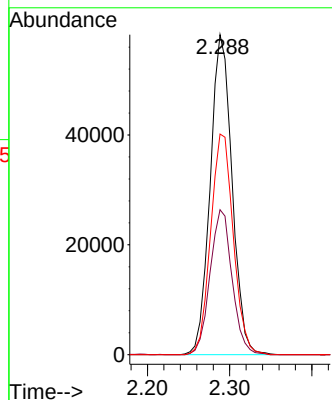
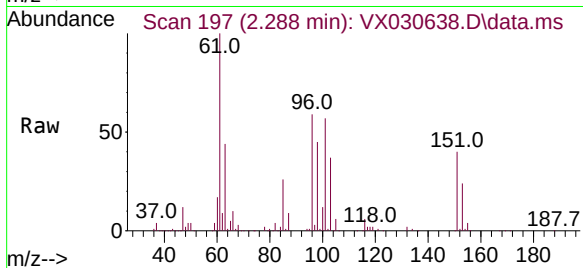
Tgt Ion:101 Resp: 107722

Ion Ratio Lower Upper

101 100

85 45.6 35.3 52.9

151 71.4 58.3 87.5



#12

1,1-Dichloroethene

Concen: 56.427 ug/L

RT: 2.282 min Scan# 196

Delta R.T. -0.037 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

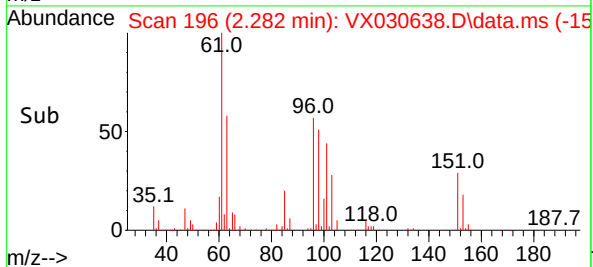
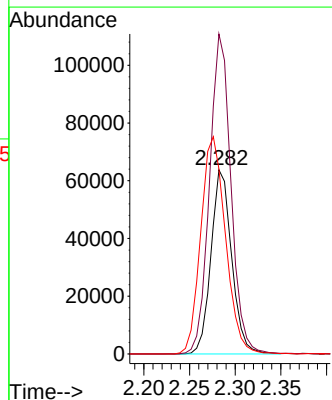
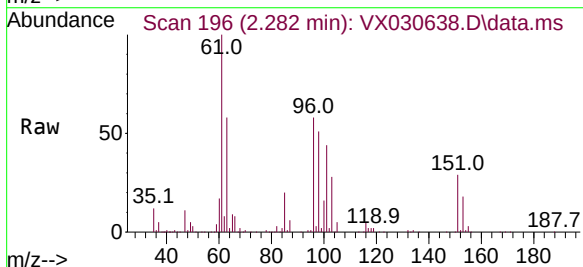
Tgt Ion: 96 Resp: 100380

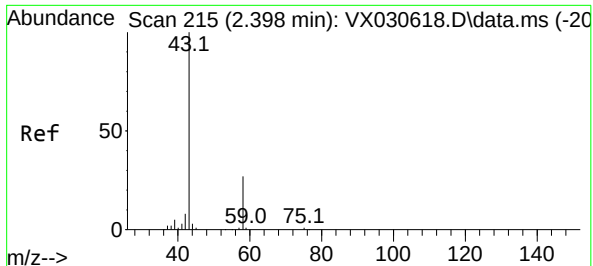
Ion Ratio Lower Upper

96 100

61 173.8 130.2 241.8

63 100.5 113.5 210.9#





#13

Acetone

Concen: 96.034 ug/L

RT: 2.435 min Scan# 215

Delta R.T. 0.037 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

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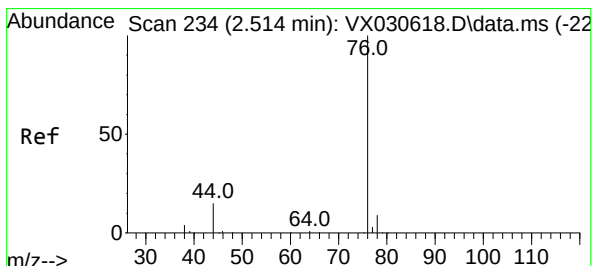
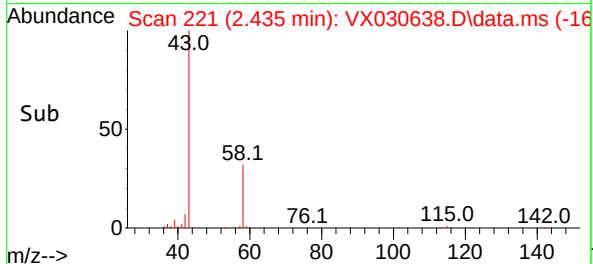
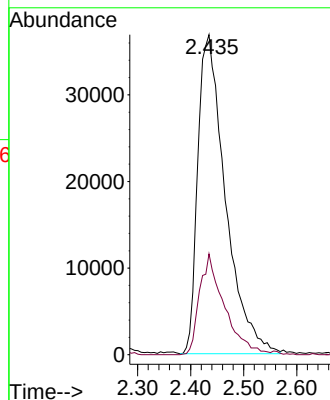
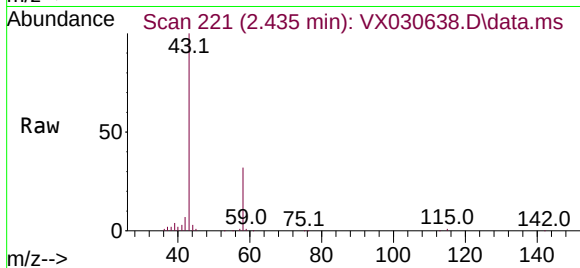
EX9B5MS

Tgt Ion: 43 Resp: 133105

Ion Ratio Lower Upper

43 100

58 27.8 0.0 57.8



#14

Carbon disulfide

Concen: 37.093 ug/L

RT: 2.477 min Scan# 228

Delta R.T. -0.037 min

Lab File: VX030638.D

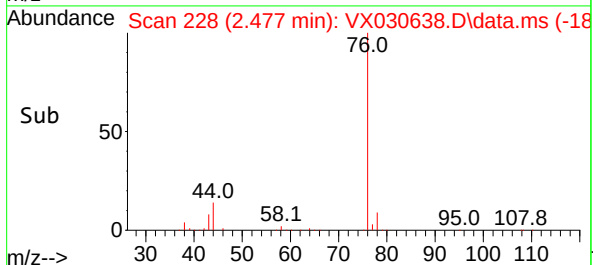
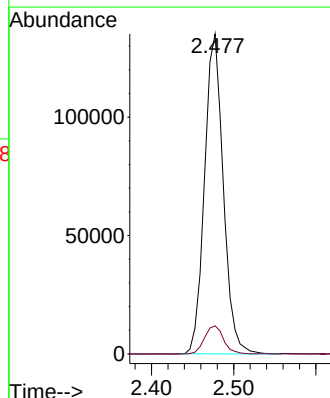
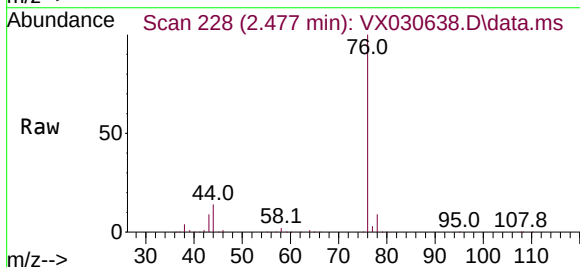
Acq: 15 Aug 2022 20:05

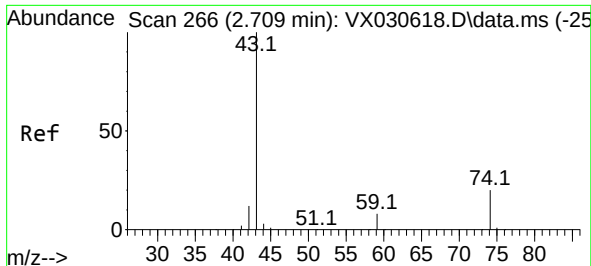
Tgt Ion: 76 Resp: 213868

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2





#15

Methyl Acetate

Concen: 53.335 ug/L

RT: 2.727 min Scan# 2

Delta R.T. 0.018 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

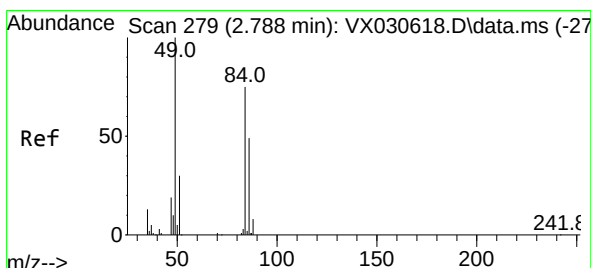
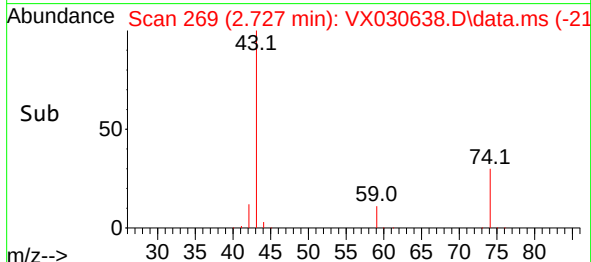
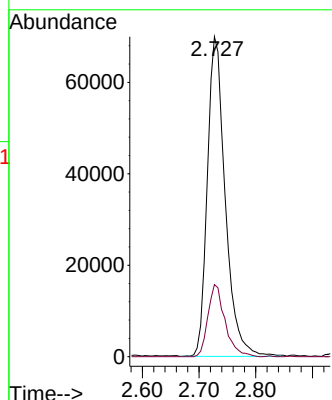
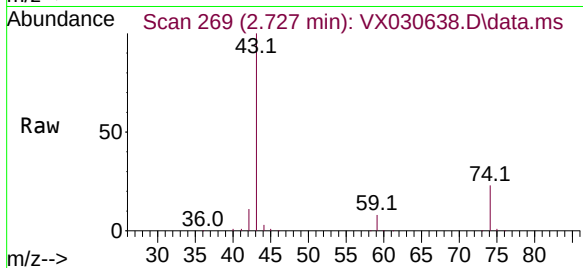
EX9B5MS

Tgt Ion: 43 Resp: 153011

Ion Ratio Lower Upper

43 100

74 21.6 17.2 25.8



#16

Methylene chloride

Concen: 53.374 ug/L

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

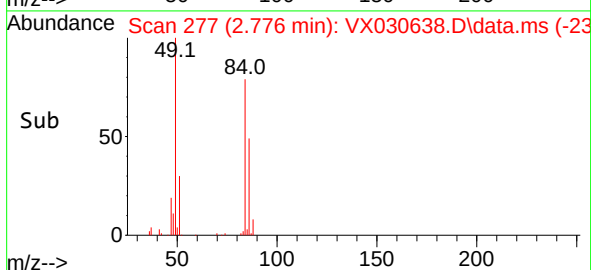
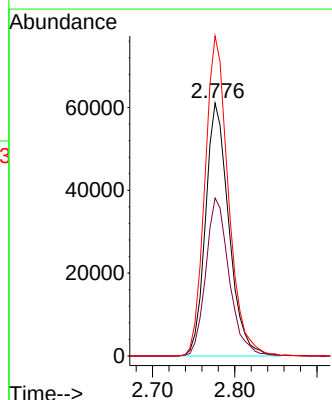
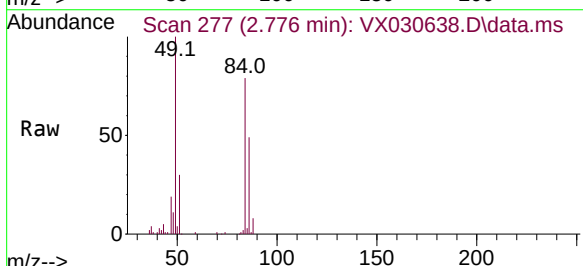
Tgt Ion: 84 Resp: 120398

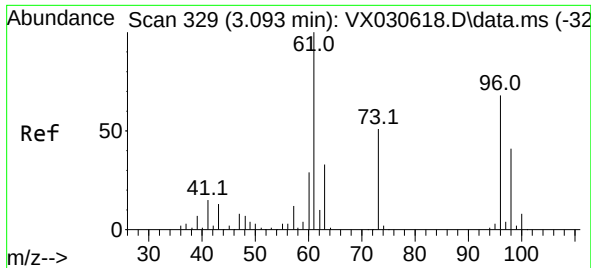
Ion Ratio Lower Upper

84 100

86 62.5 44.2 82.2

49 126.6 89.0 165.2

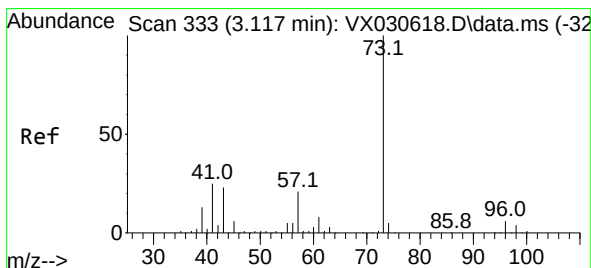
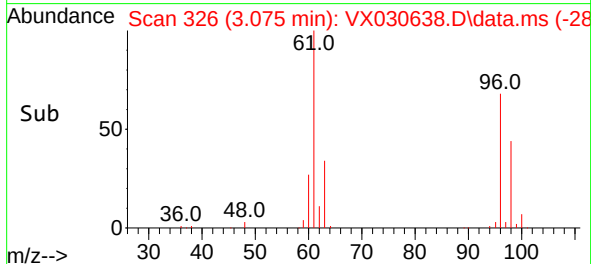
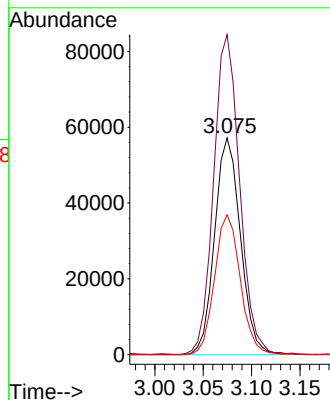
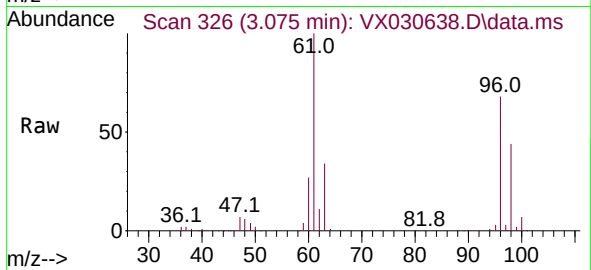




#17
trans-1,2-Dichloroethene
Concen: 51.497 ug/L
RT: 3.075 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

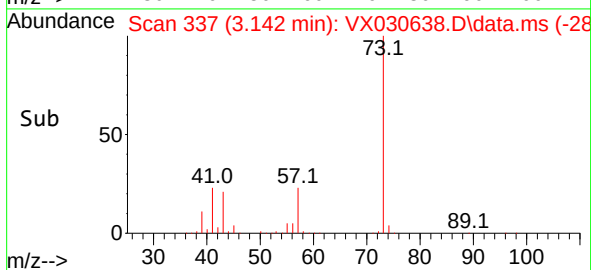
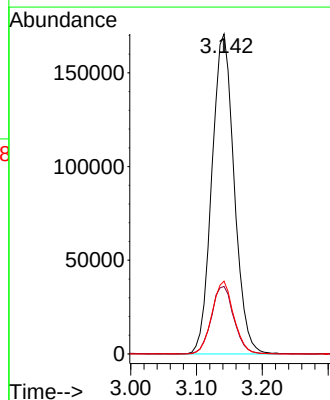
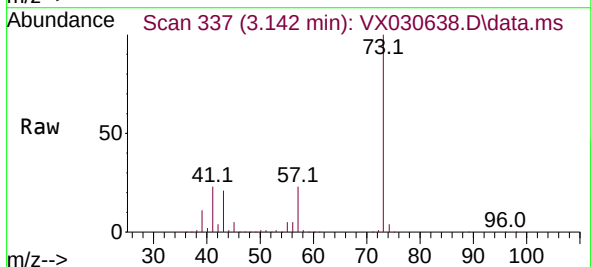
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

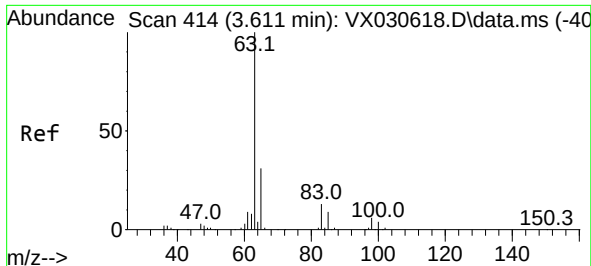
Tgt Ion: 96 Resp: 106133
Ion Ratio Lower Upper
96 100
61 147.7 103.7 192.5
98 64.6 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 57.508 ug/L
RT: 3.142 min Scan# 337
Delta R.T. 0.024 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion: 73 Resp: 403054
Ion Ratio Lower Upper
73 100
43 21.2 17.6 26.4
57 22.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 54.605 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MS

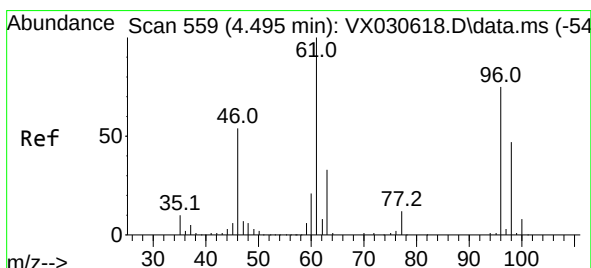
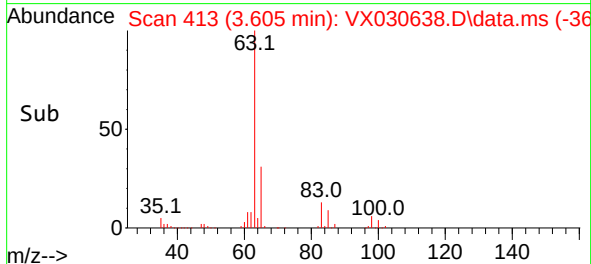
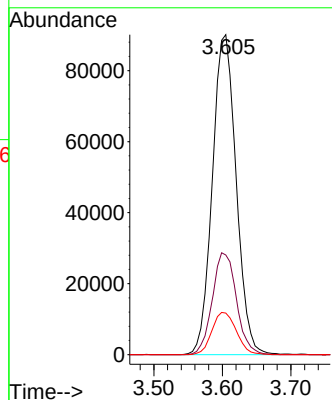
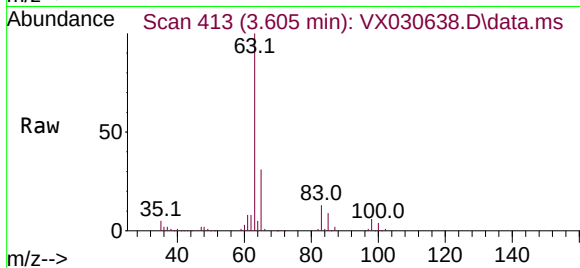
Tgt Ion: 63 Resp: 217664

Ion Ratio Lower Upper

63 100

65 31.2 22.0 40.8

83 13.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 53.976 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

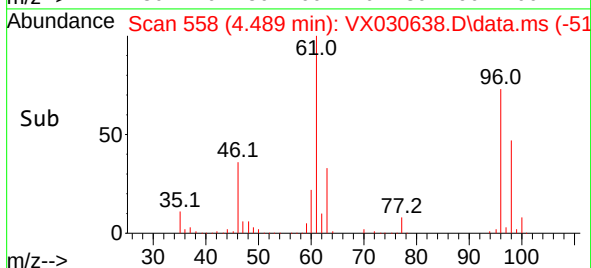
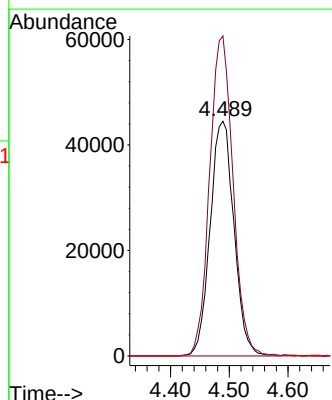
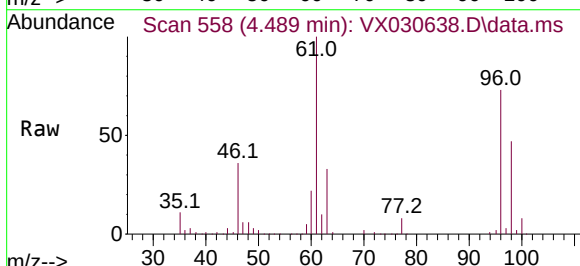
Tgt Ion: 96 Resp: 125137

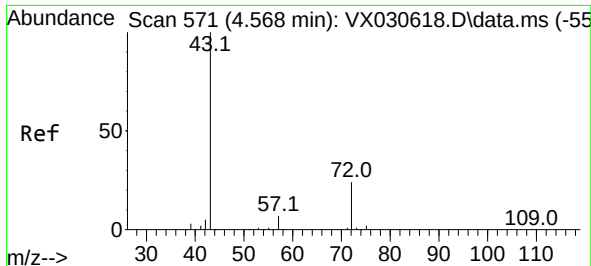
Ion Ratio Lower Upper

96 100

61 136.4 94.0 174.6

68 0.0 0.0 0.0

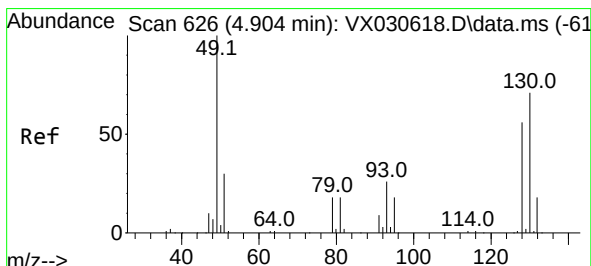
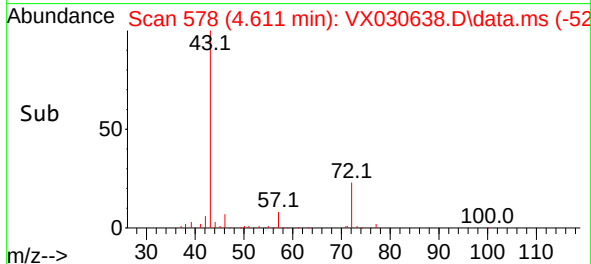
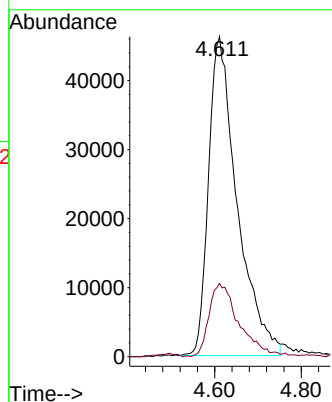
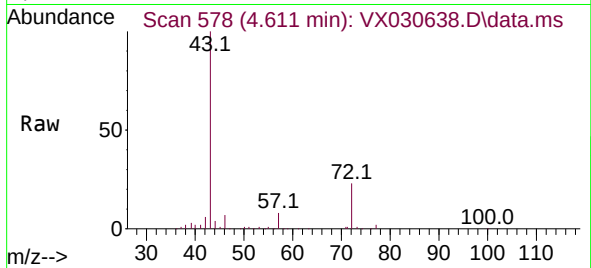




#22
2-Butanone
Concen: 97.025 ug/L
RT: 4.611 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

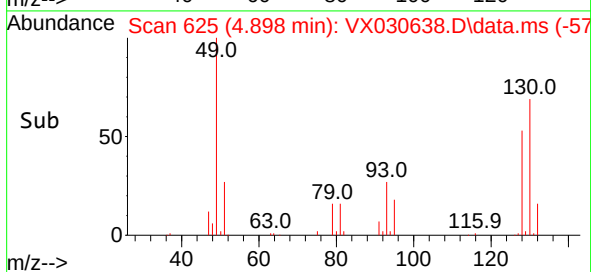
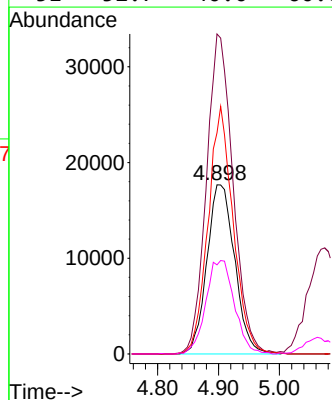
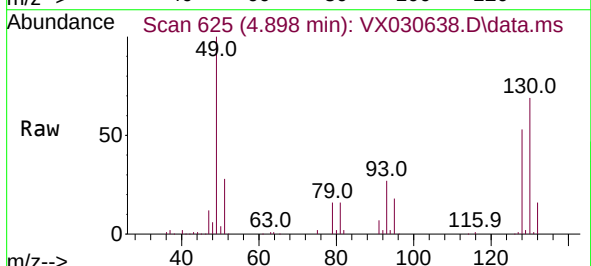
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

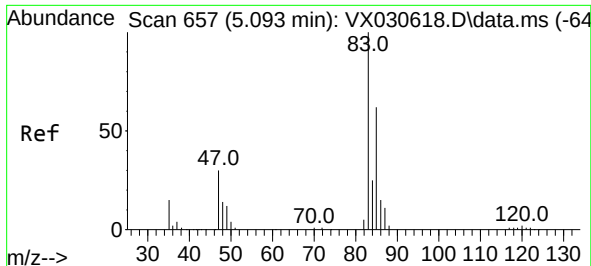
Tgt Ion: 43 Resp: 212143
Ion Ratio Lower Upper
43 100
72 23.5 11.7 35.1



#23
Bromochloromethane
Concen: 48.134 ug/L
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion: 128 Resp: 55962
Ion Ratio Lower Upper
128 100
49 189.2 116.8 216.8
130 130.7 90.3 167.7
51 52.7 40.0 60.0

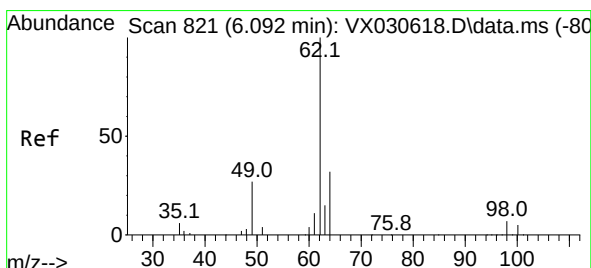
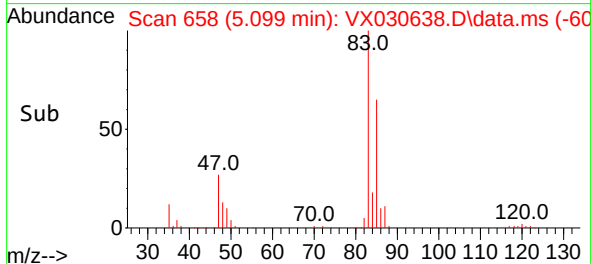
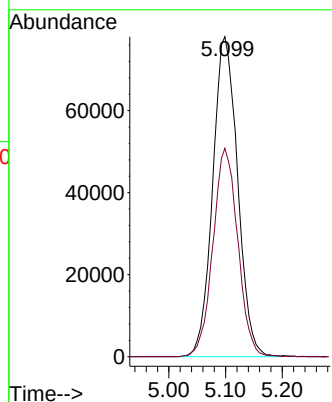
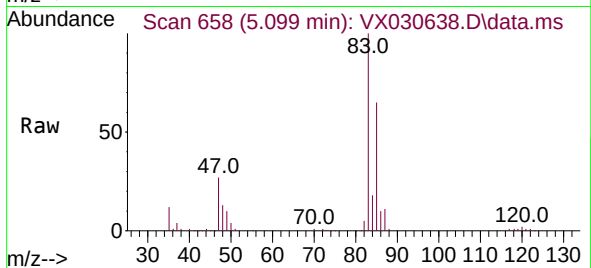




#25
Chloroform
Concen: 56.831 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

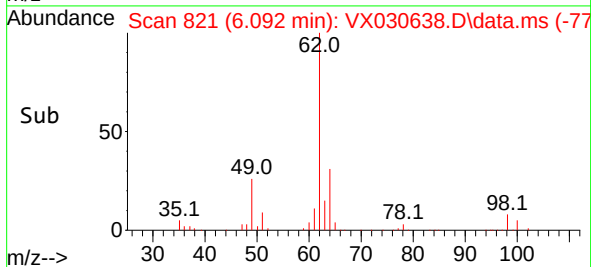
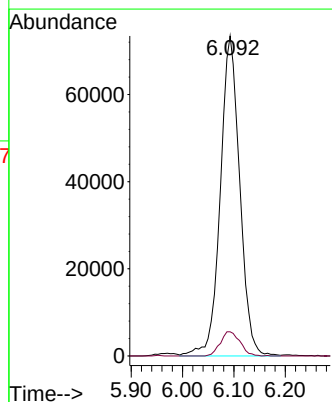
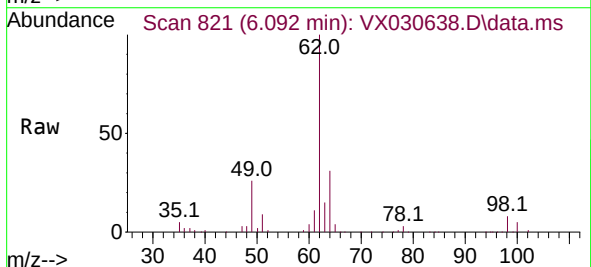
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

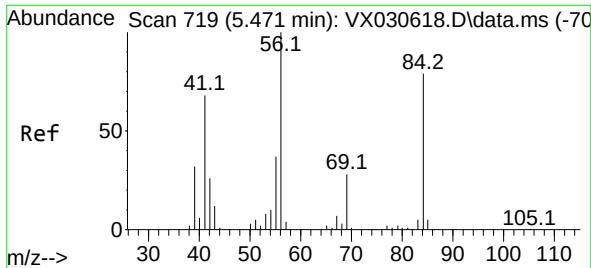
Tgt Ion: 83 Resp: 238016
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 55.349 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion: 62 Resp: 192937
Ion Ratio Lower Upper
62 100
98 7.5 7.0 10.6

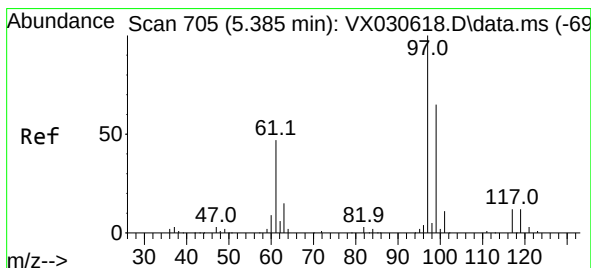
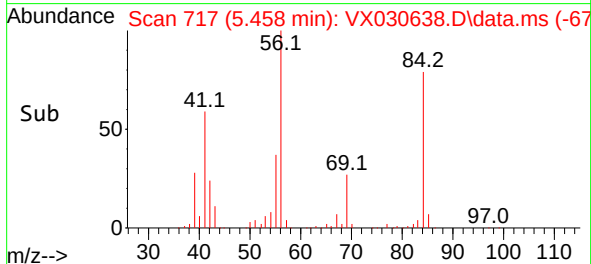
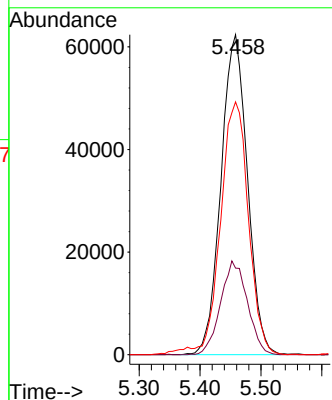
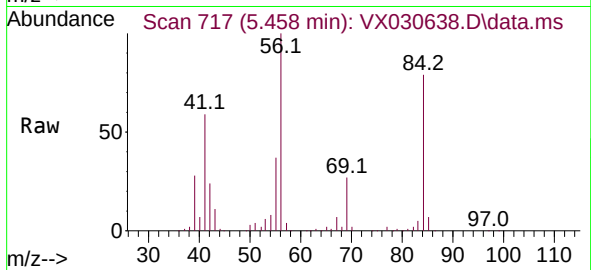




#29
Cyclohexane
Concen: 50.173 ug/L
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

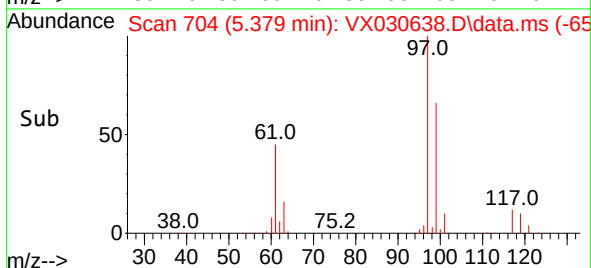
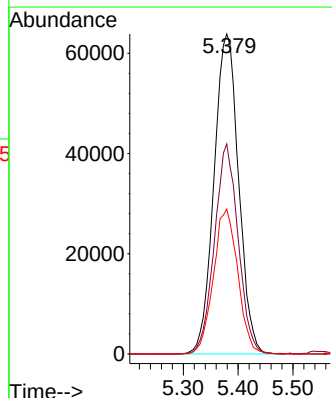
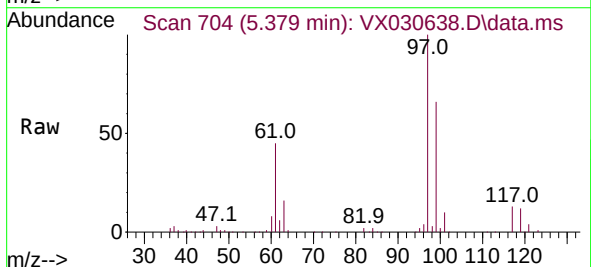
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

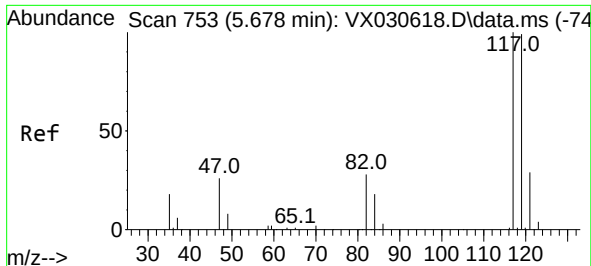
Tgt Ion: 56 Resp: 188189
Ion Ratio Lower Upper
56 100
69 29.6 24.3 36.5
84 82.4 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 53.494 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion: 97 Resp: 199081
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 44.9 37.0 55.6

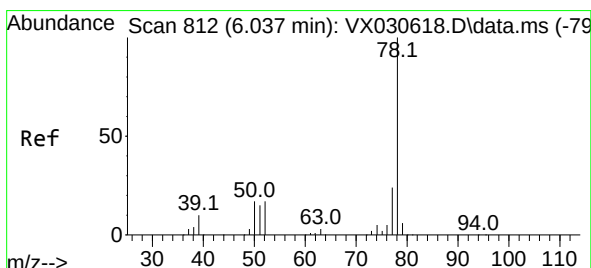
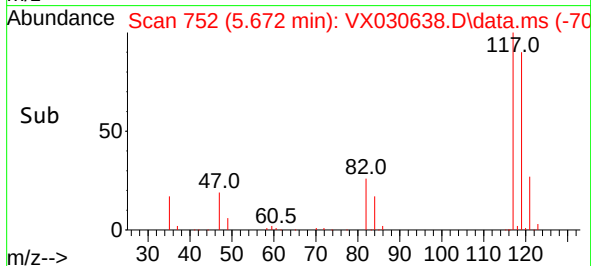
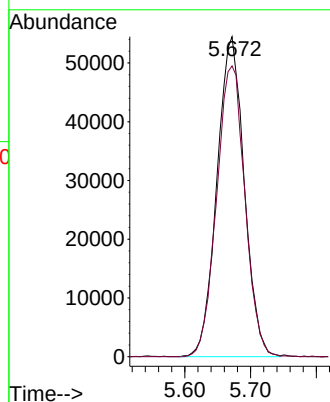
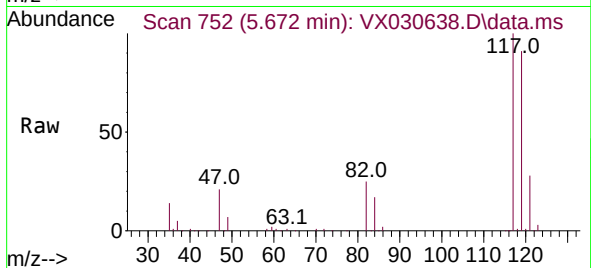




#31
Carbon tetrachloride
Concen: 51.132 ug/L
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

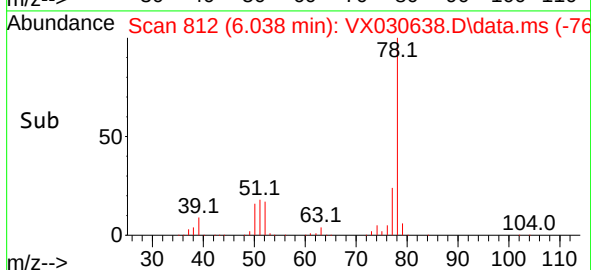
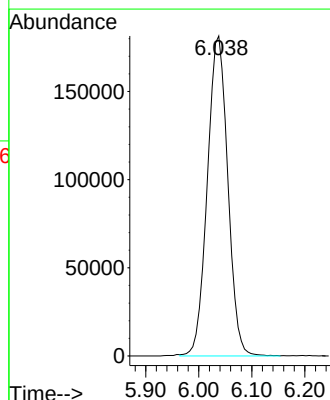
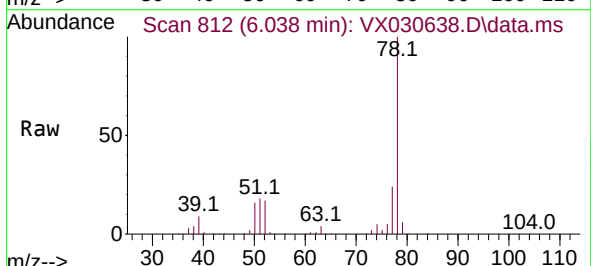
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

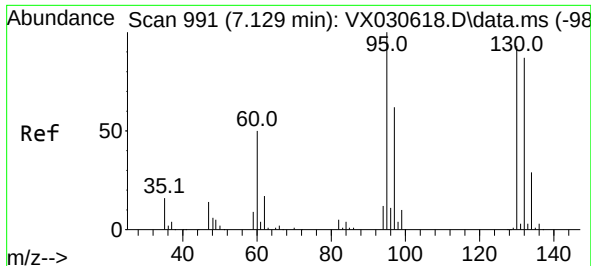
Tgt Ion:117 Resp: 157057
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.2



#33
Benzene
Concen: 53.753 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion: 78 Resp: 486248

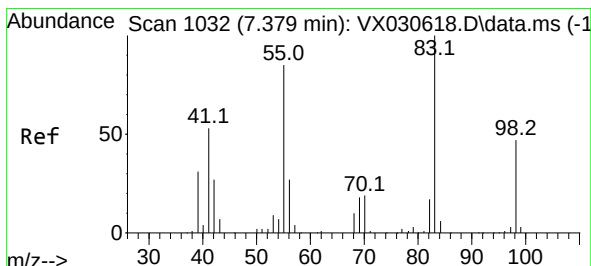
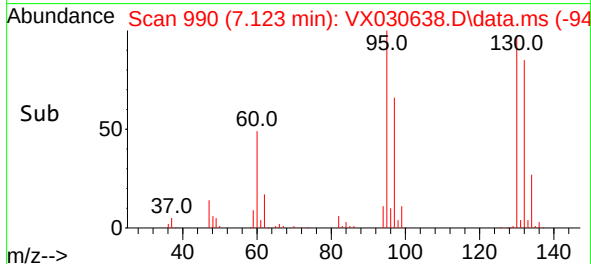
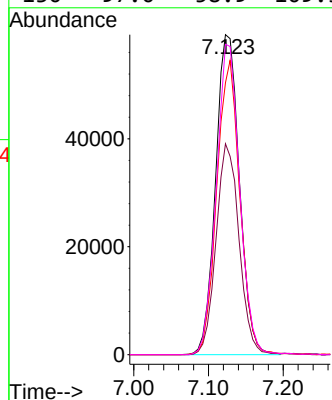
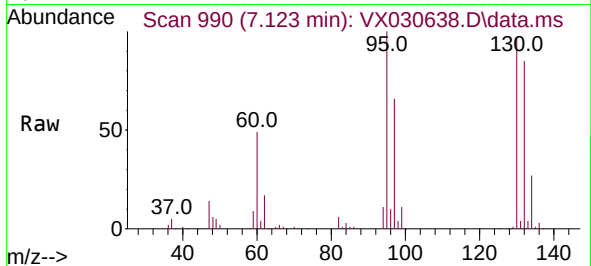




#34
Trichloroethene
Concen: 50.222 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

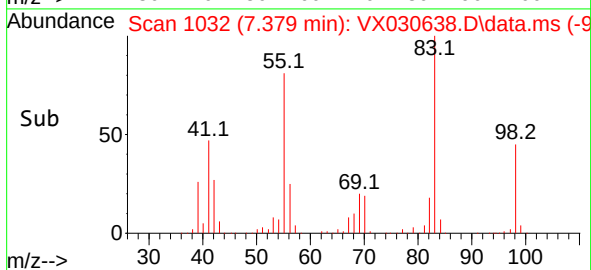
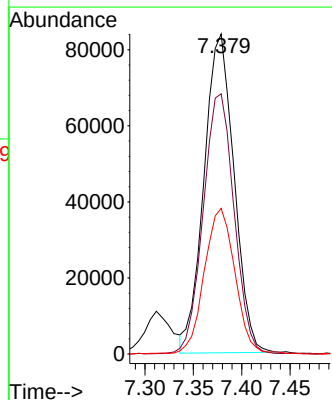
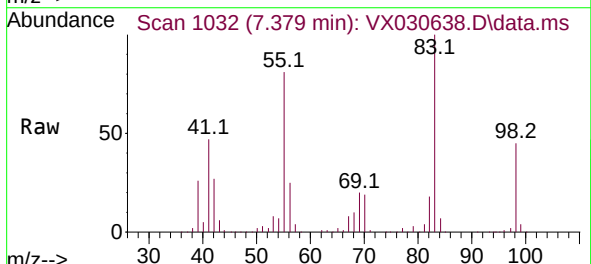
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

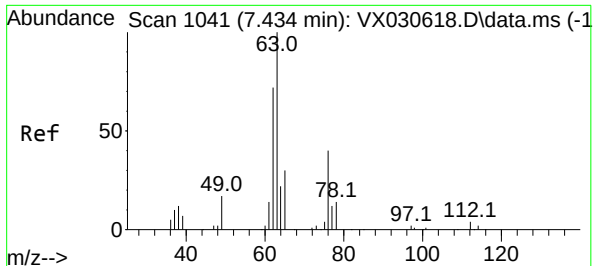
Tgt Ion: 95 Resp: 131579
Ion Ratio Lower Upper
95 100
97 65.9 40.2 74.6
132 85.0 55.3 102.7
130 97.0 58.9 109.5



#35
Methylcyclohexane
Concen: 47.572 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion: 83 Resp: 181444
Ion Ratio Lower Upper
83 100
55 83.9 64.0 96.0
98 46.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 53.464 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

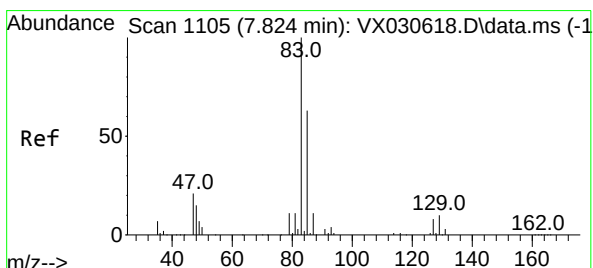
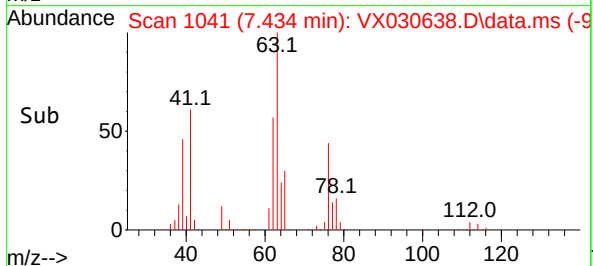
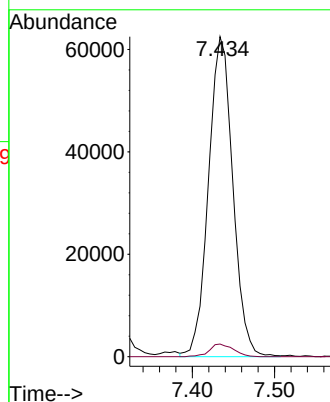
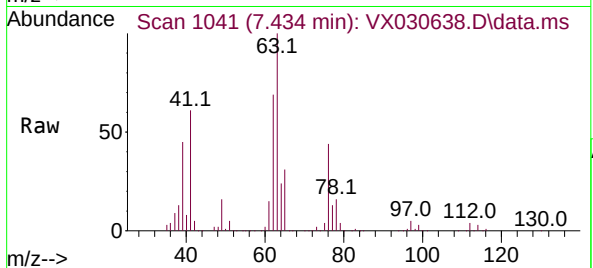
EX9B5MS

Tgt Ion: 63 Resp: 128590

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 51.086 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

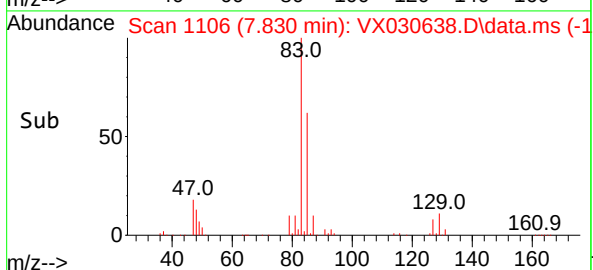
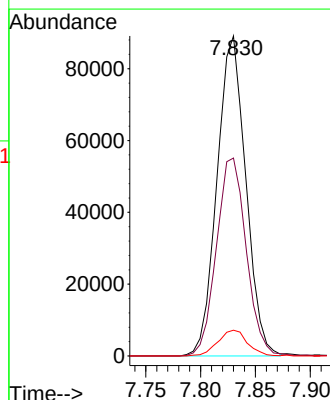
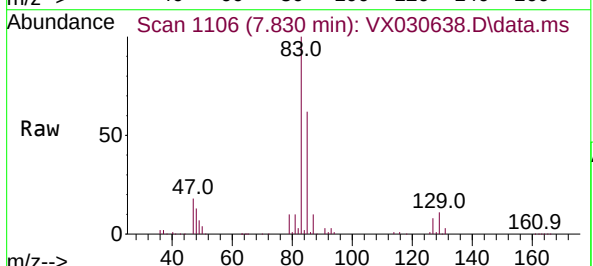
Tgt Ion: 83 Resp: 162618

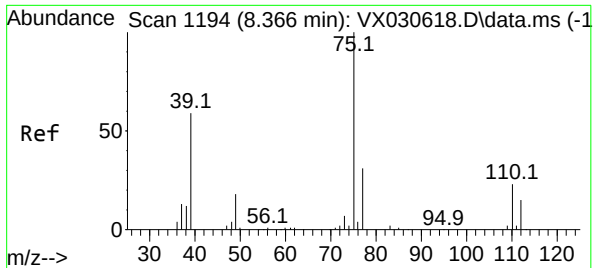
Ion Ratio Lower Upper

83 100

85 61.9 42.5 78.9

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 51.473 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

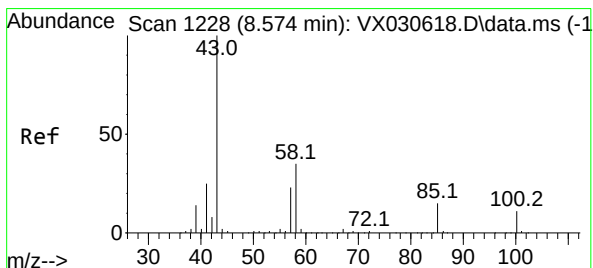
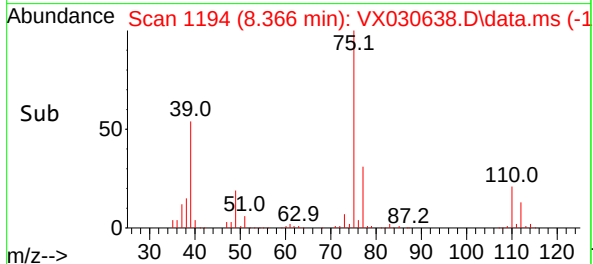
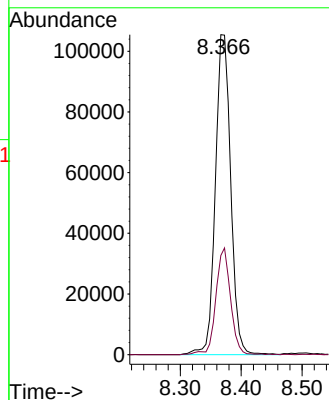
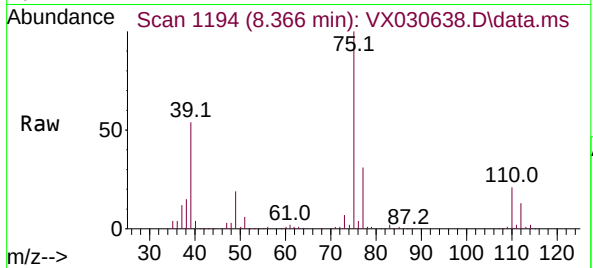
EX9B5MS

Tgt Ion: 75 Resp: 184681

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 99.629 ug/L

RT: 8.592 min Scan# 1231

Delta R.T. 0.018 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

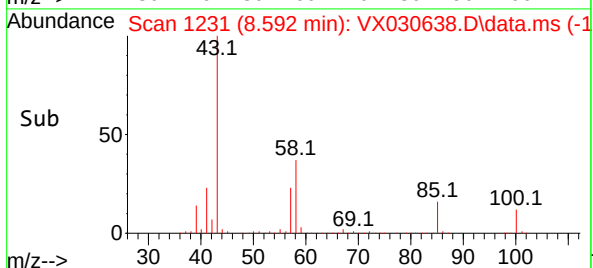
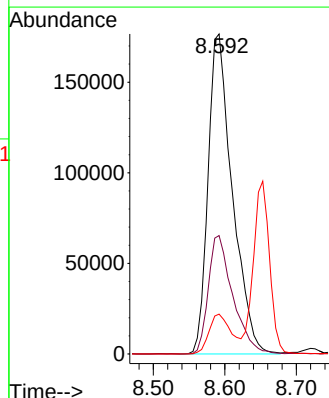
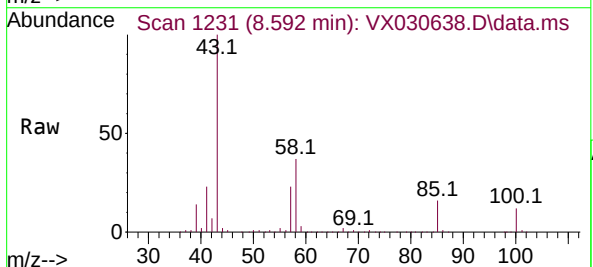
Tgt Ion: 43 Resp: 417292

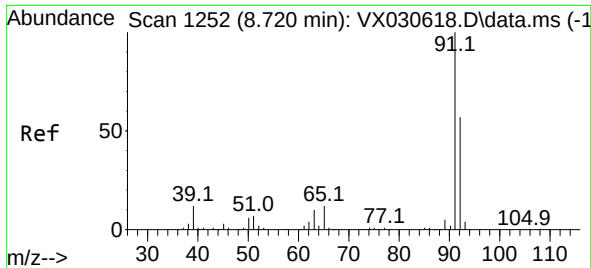
Ion Ratio Lower Upper

43 100

58 37.1 29.0 43.6

100 11.6 10.5 15.7





#42

Toluene

Concen: 53.422 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

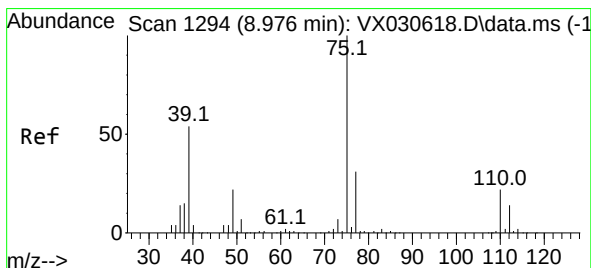
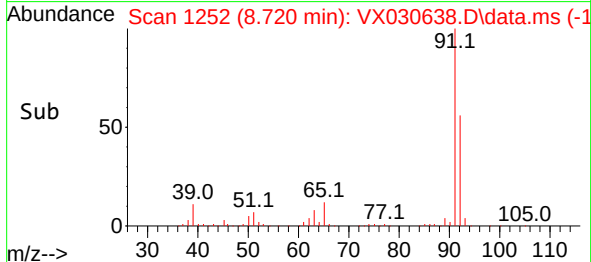
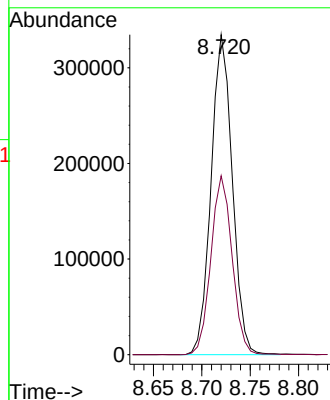
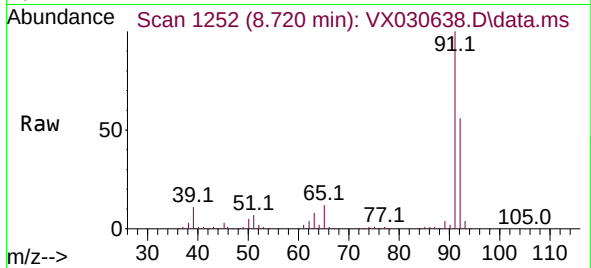
EX9B5MS

Tgt Ion: 91 Resp: 510500

Ion Ratio Lower Upper

91 100

92 55.9 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 49.312 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX030638.D

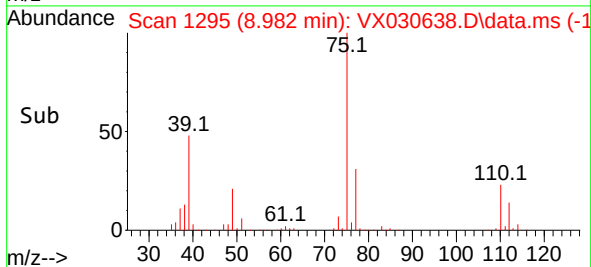
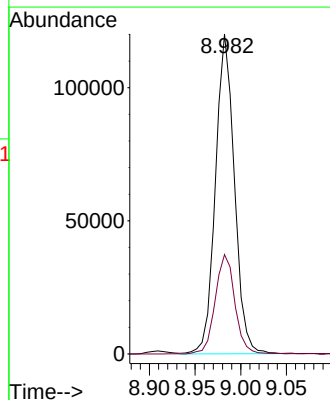
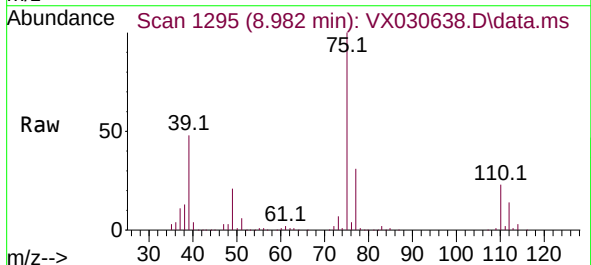
Acq: 15 Aug 2022 20:05

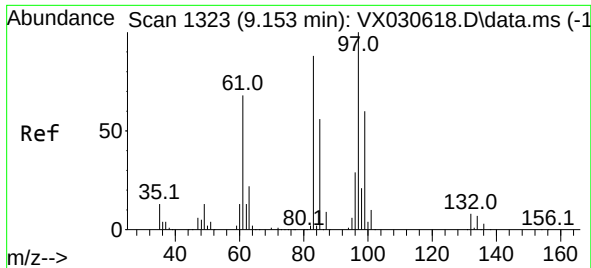
Tgt Ion: 75 Resp: 173168

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7



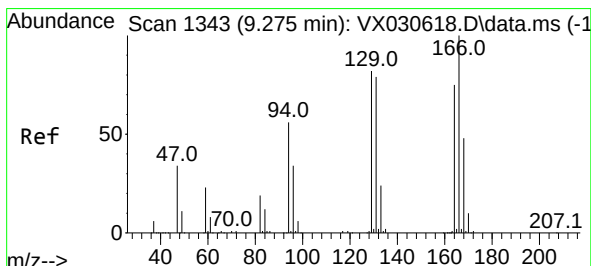
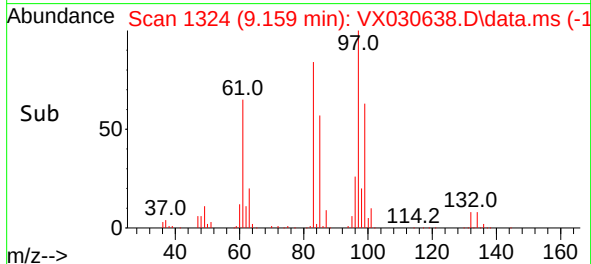
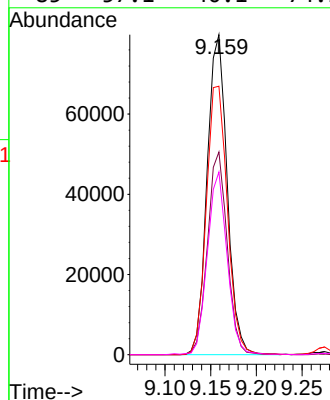
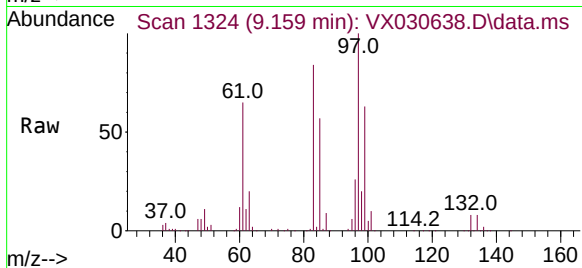


#45
1,1,2-Trichloroethane
Concen: 54.248 ug/L
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

Tgt Ion: 97 Resp: 121323

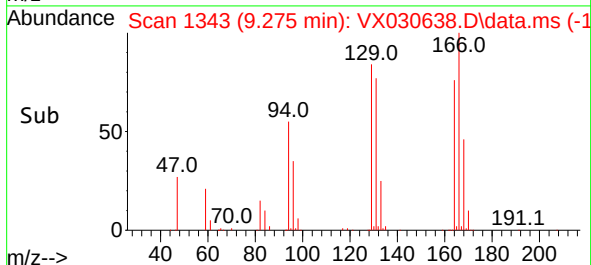
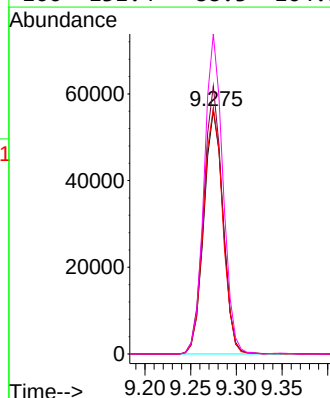
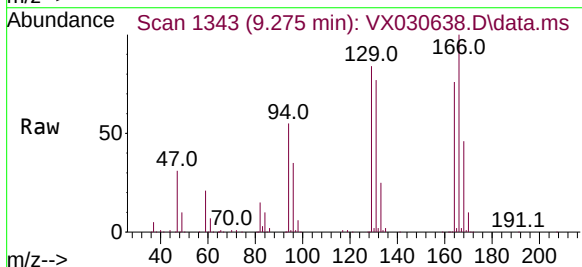
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.3	80.3
83	83.9	63.0	117.0
85	57.1	40.1	74.5

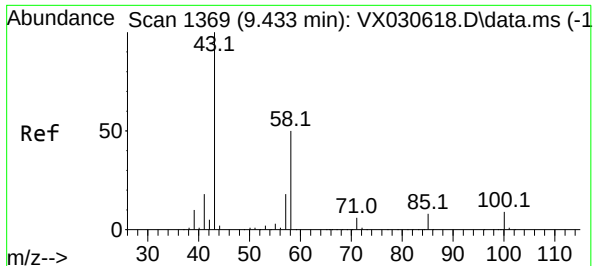


#46
Tetrachloroethene
Concen: 49.675 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion: 164 Resp: 82251

Ion	Ratio	Lower	Upper
164	100		
129	110.1	72.7	135.1
131	101.1	69.9	129.9
166	131.4	88.3	164.1





#48

2-Hexanone

Concen: 99.307 ug/L

RT: 9.445 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MS

Tgt Ion: 43 Resp: 323178

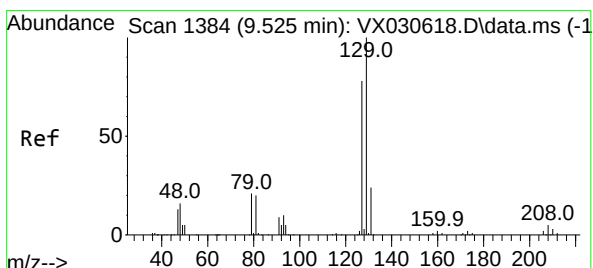
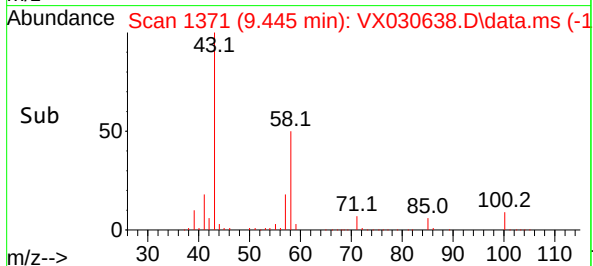
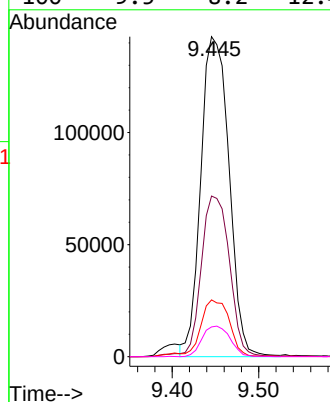
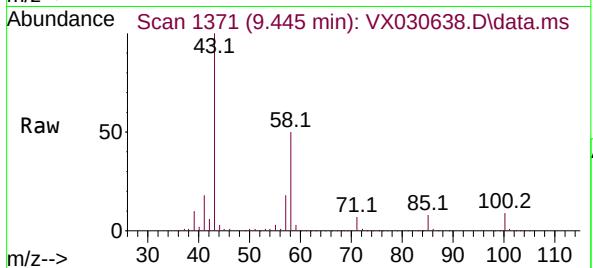
Ion Ratio Lower Upper

43 100

58 49.1 40.4 60.6

57 17.8 14.6 22.0

100 9.5 8.2 12.4



#49

Dibromochloromethane

Concen: 47.164 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX030638.D

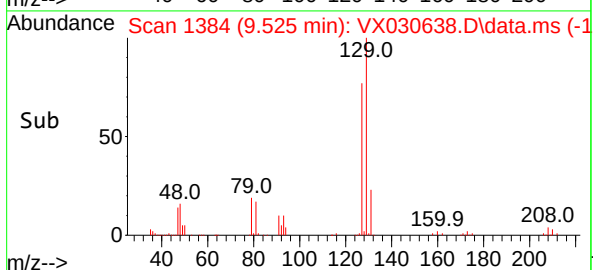
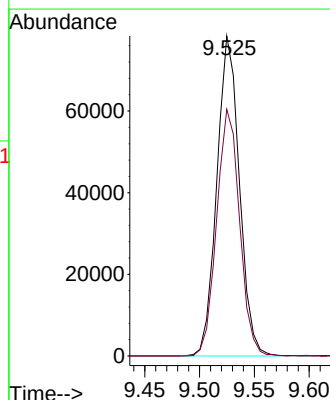
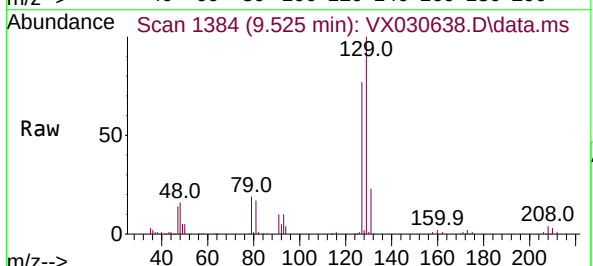
Acq: 15 Aug 2022 20:05

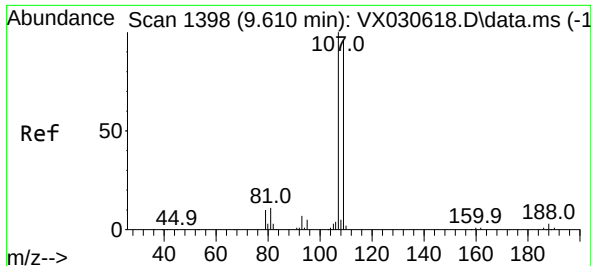
Tgt Ion: 129 Resp: 112218

Ion Ratio Lower Upper

129 100

127 77.0 55.6 103.2





#50

1,2-Dibromoethane

Concen: 51.233 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MS

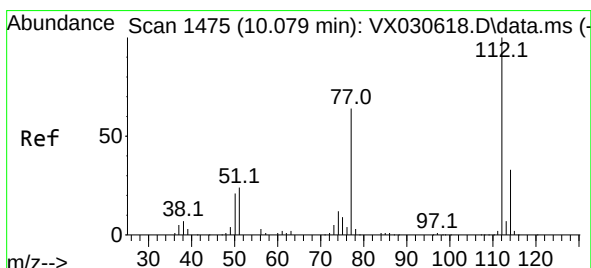
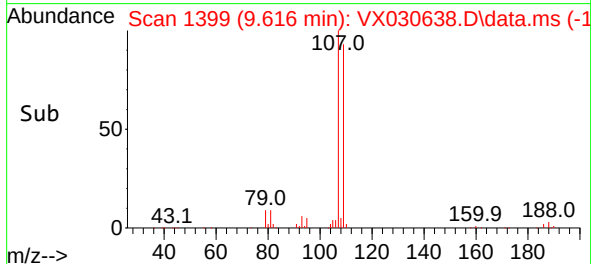
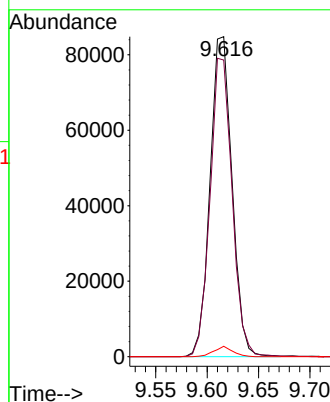
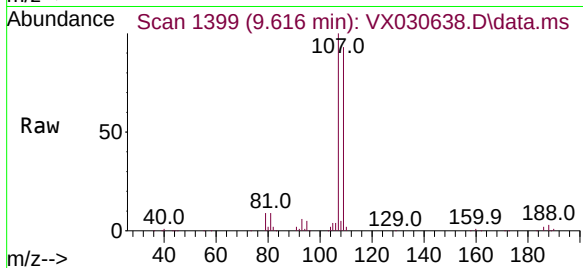
Tgt Ion:107 Resp: 126004

Ion Ratio Lower Upper

107 100

109 92.7 64.8 120.4

188 3.2 2.2 3.2#



#51

Chlorobenzene

Concen: 52.379 ug/L

RT: 10.086 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

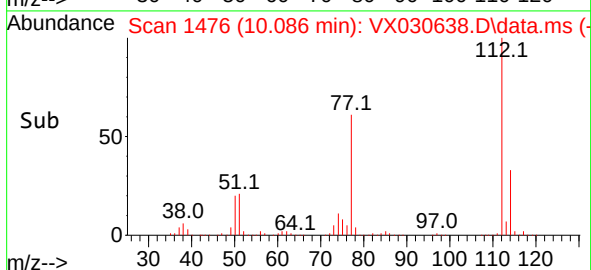
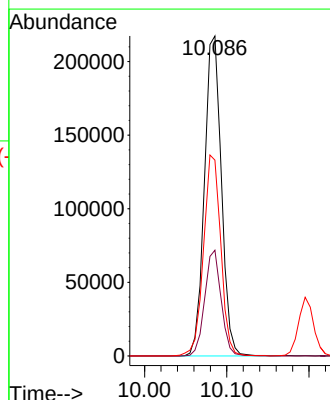
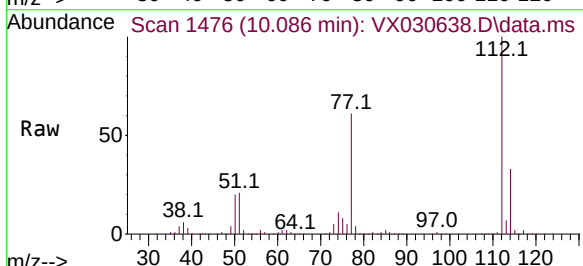
Tgt Ion:112 Resp: 311837

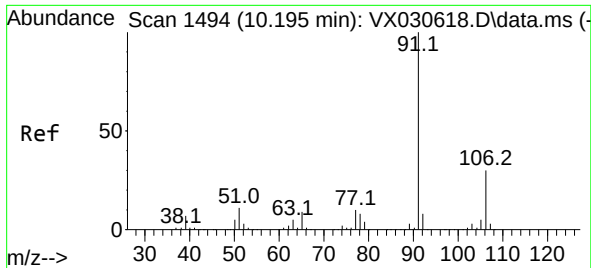
Ion Ratio Lower Upper

112 100

114 33.1 22.3 41.5

77 61.2 50.8 76.2

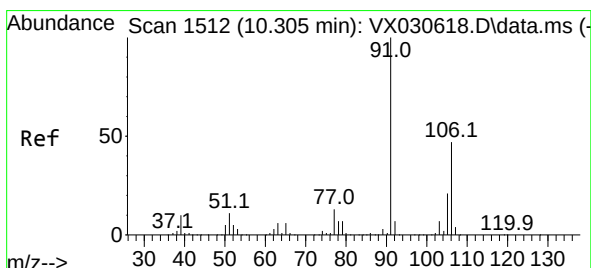
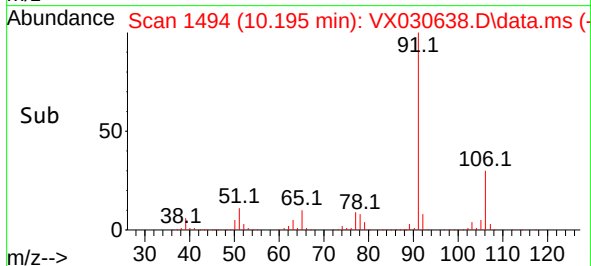
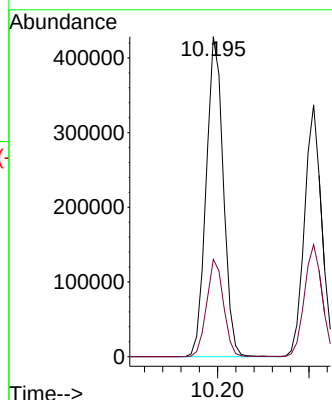
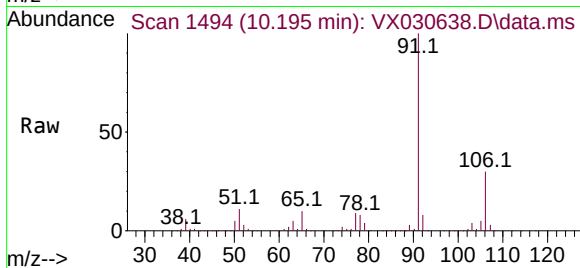




#52
Ethylbenzene
Concen: 53.298 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

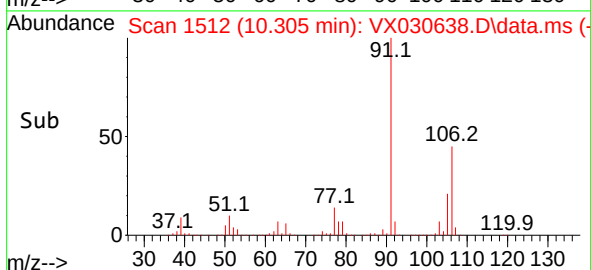
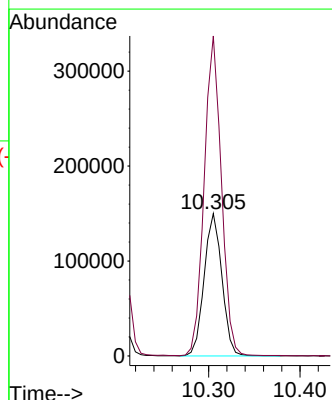
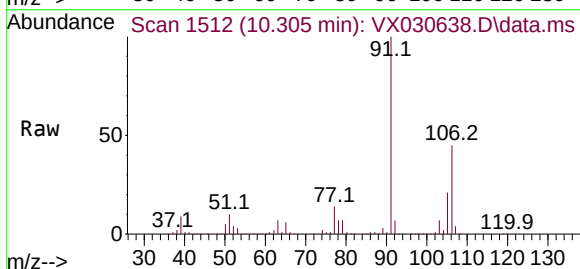
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

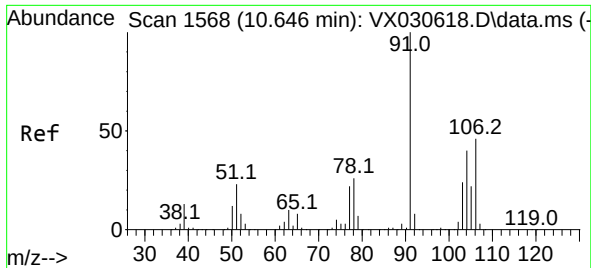
Tgt Ion: 91 Resp: 555342
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 52.126 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion: 106 Resp: 202438
Ion Ratio Lower Upper
106 100
91 224.6 147.8 274.6

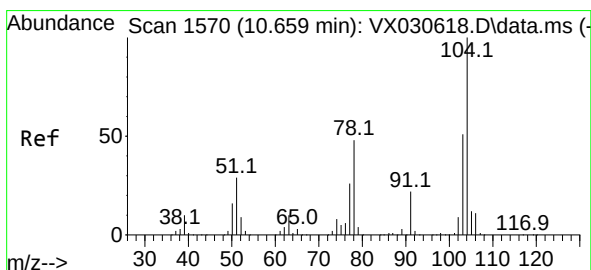
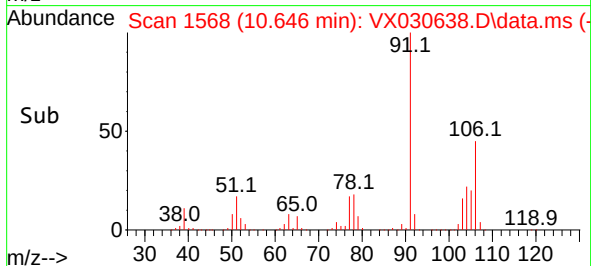
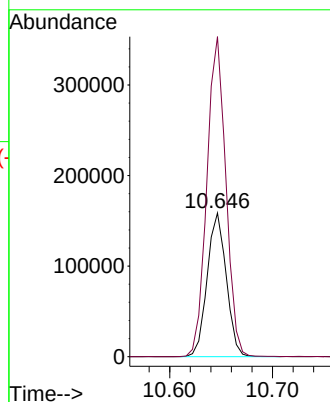
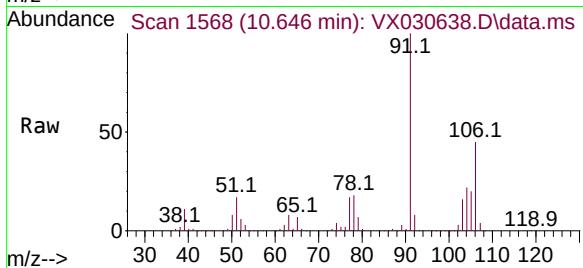




#54
o-Xylene
Concen: 52.878 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

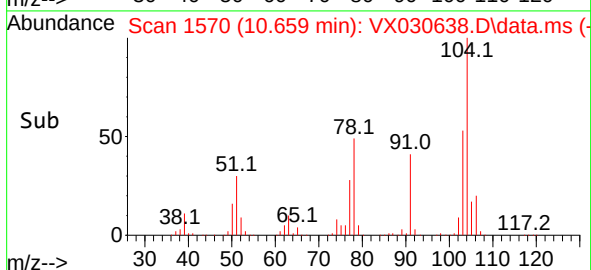
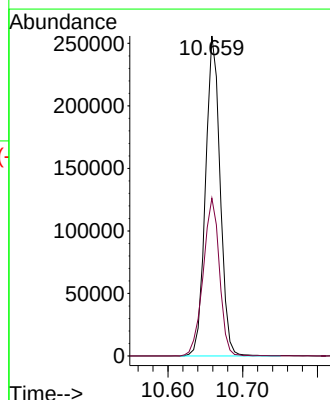
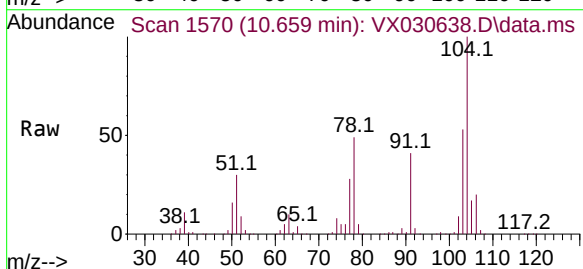
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

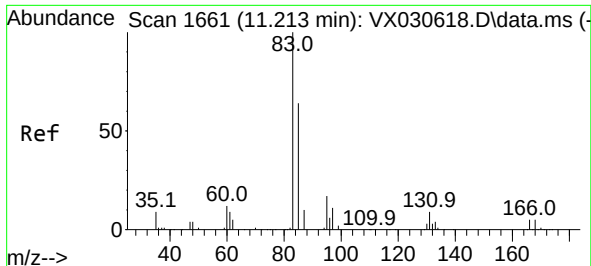
Tgt Ion:106 Resp: 204637
Ion Ratio Lower Upper
106 100
91 222.6 157.8 293.0



#55
Styrene
Concen: 53.314 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion:104 Resp: 347403
Ion Ratio Lower Upper
104 100
78 49.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 55.197 ug/L

RT: 11.220 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MS

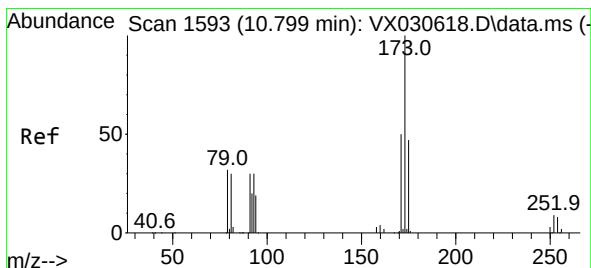
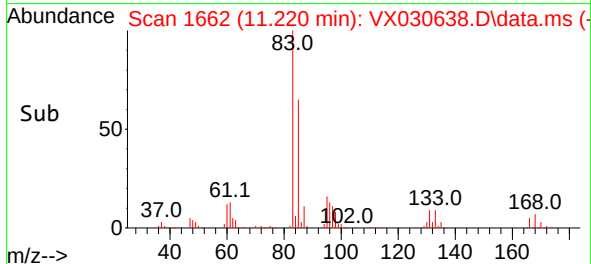
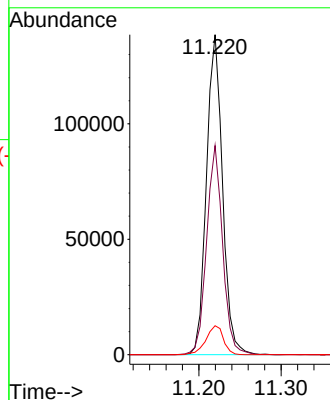
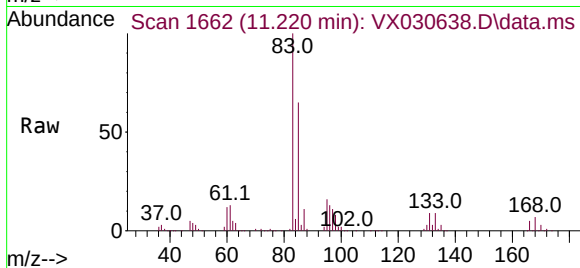
Tgt Ion: 83 Resp: 187831

Ion Ratio Lower Upper

83 100

85 65.4 44.4 82.4

131 9.0 7.5 11.3



#59

Bromoform

Concen: 42.755 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

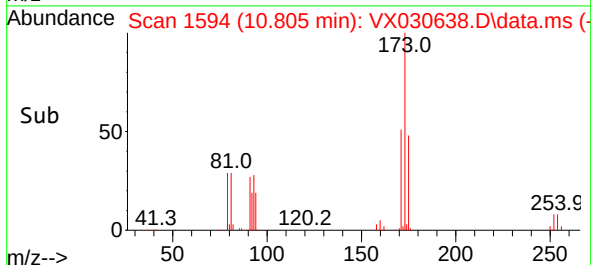
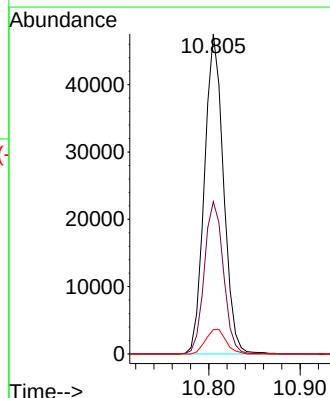
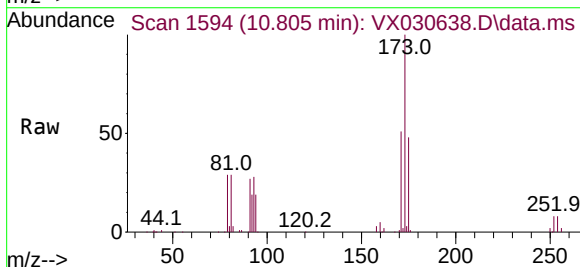
Tgt Ion:173 Resp: 68613

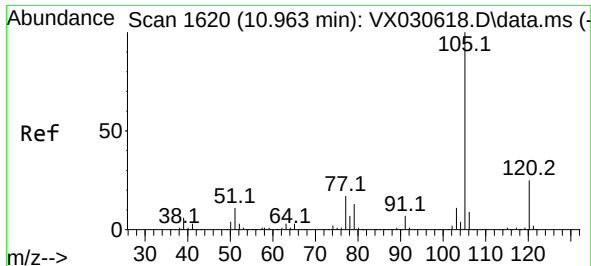
Ion Ratio Lower Upper

173 100

175 47.7 38.9 58.3

254 8.2 7.0 10.4

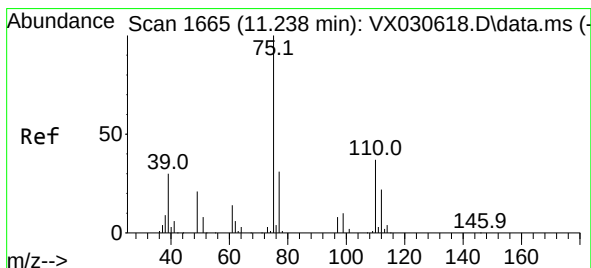
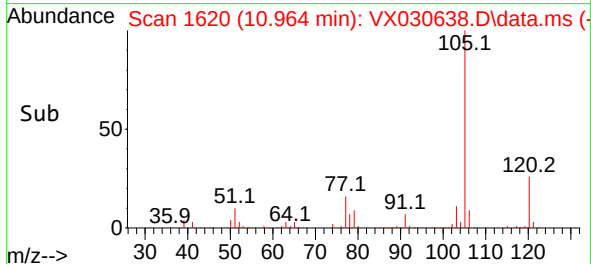
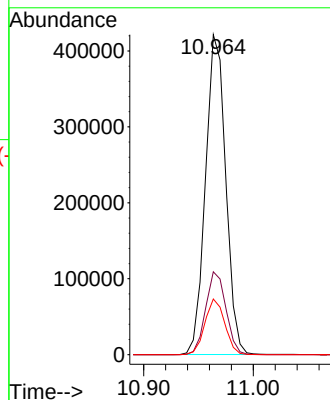
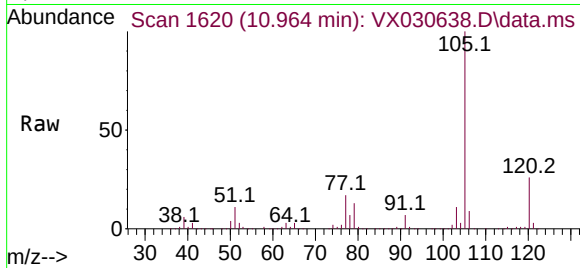




#60
Isopropylbenzene
Concen: 51.681 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

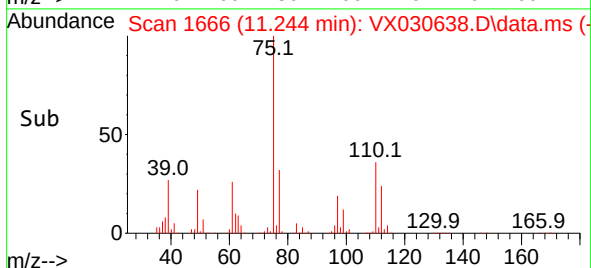
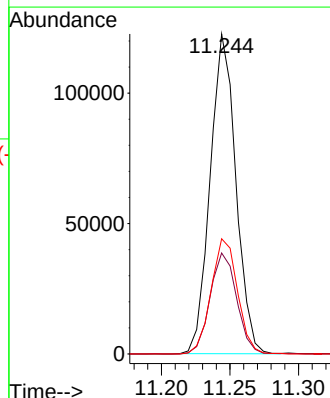
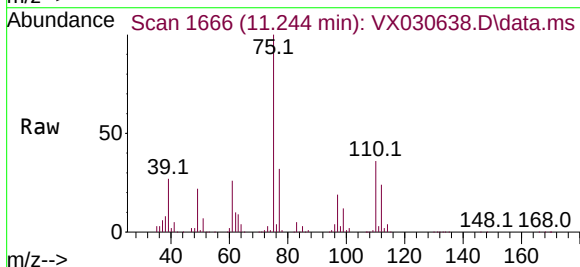
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

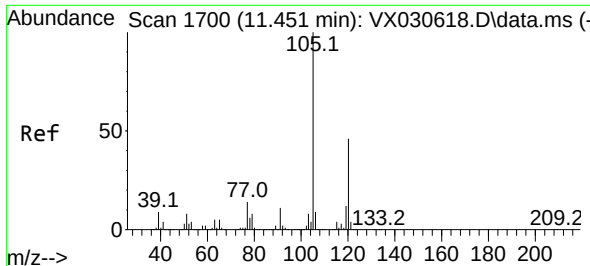
Tgt Ion:105 Resp: 539851
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 17.2 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 50.443 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion: 75 Resp: 159641
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1
110 37.0 30.5 45.7

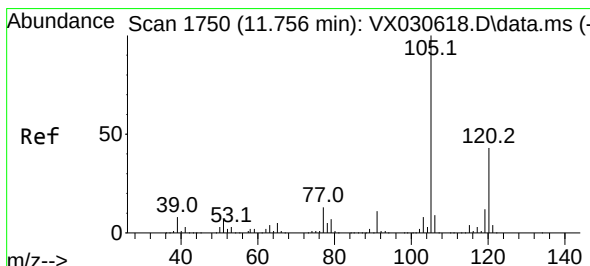
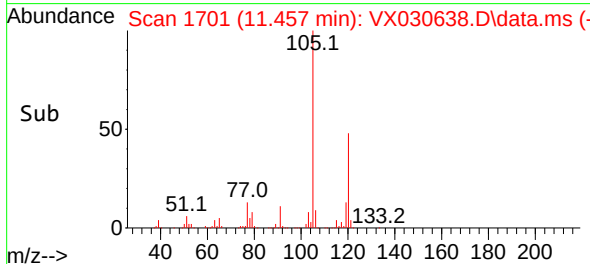
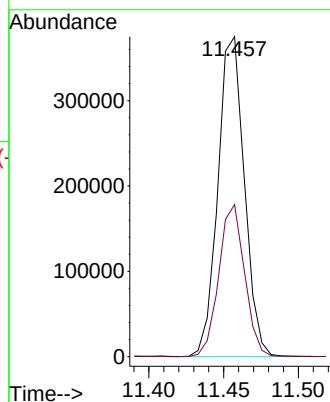
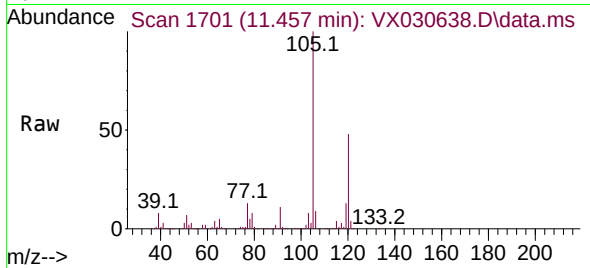




#62
1,3,5-Trimethylbenzene
Concen: 51.708 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

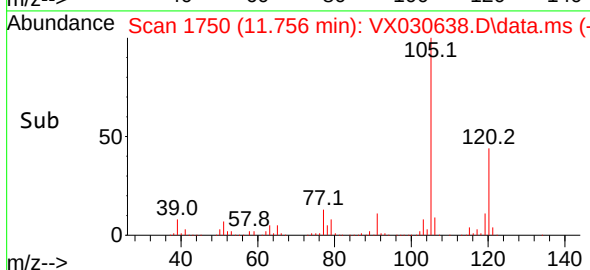
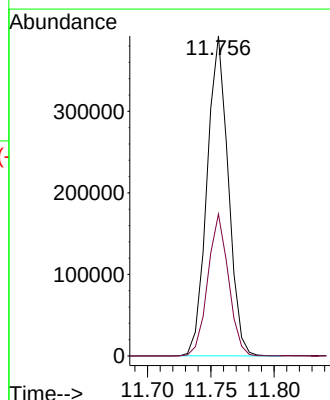
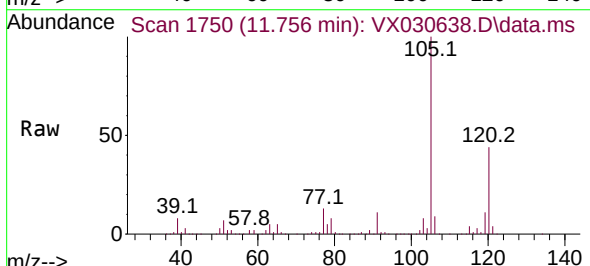
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

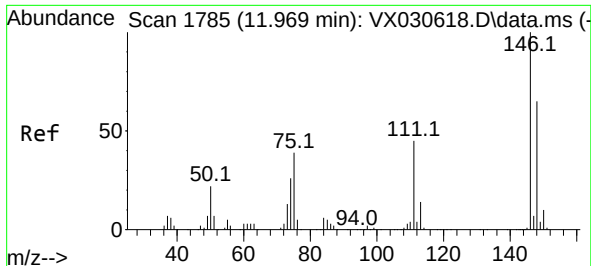
Tgt Ion:105 Resp: 461132
Ion Ratio Lower Upper
105 100
120 46.3 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 50.759 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion:105 Resp: 457147
Ion Ratio Lower Upper
105 100
120 43.1 35.9 53.9

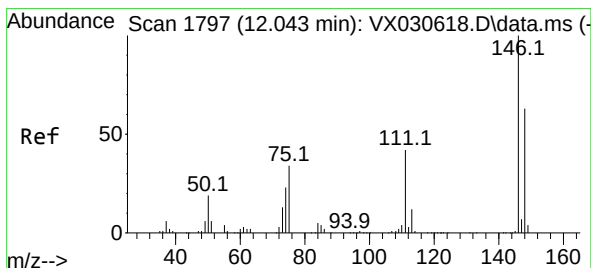
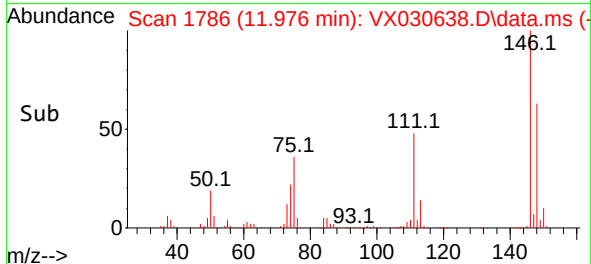
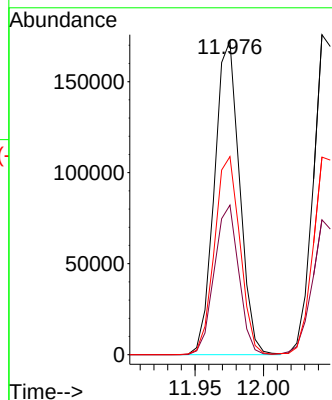
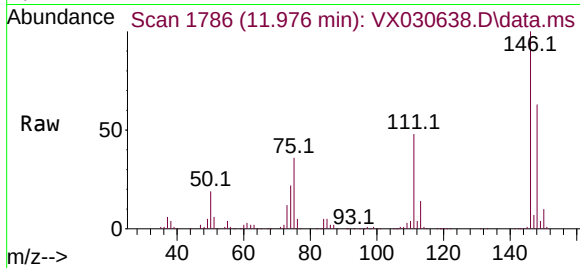




#64
1,3-Dichlorobenzene
Concen: 48.384 ug/L
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

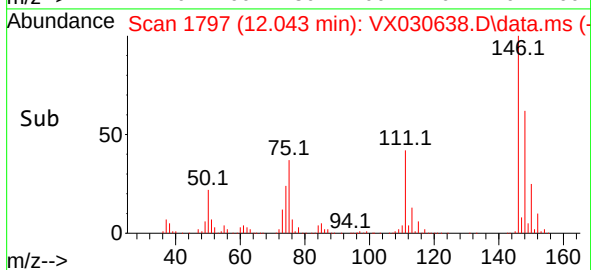
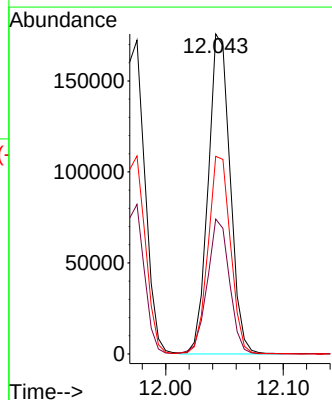
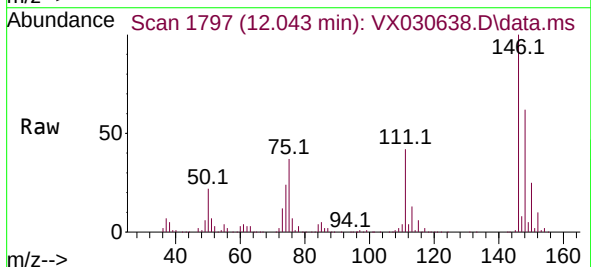
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

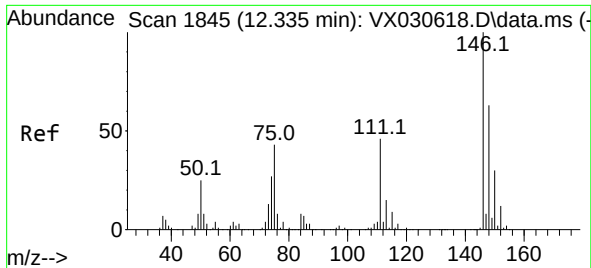
Tgt Ion:146 Resp: 219707
Ion Ratio Lower Upper
146 100
111 47.7 30.9 57.5
148 63.1 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 49.412 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion:146 Resp: 228090
Ion Ratio Lower Upper
146 100
111 42.1 32.6 60.6
148 61.8 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 50.377 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MS

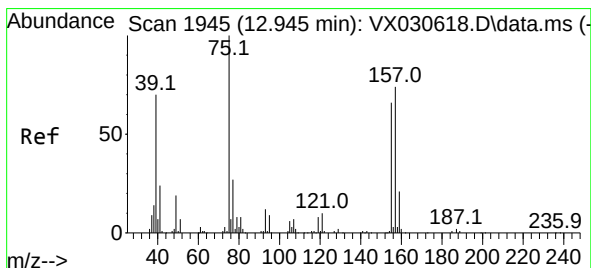
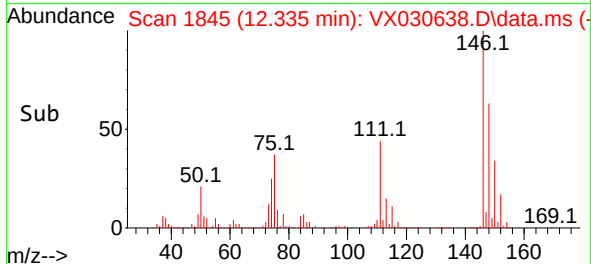
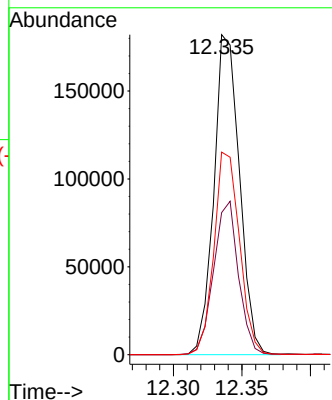
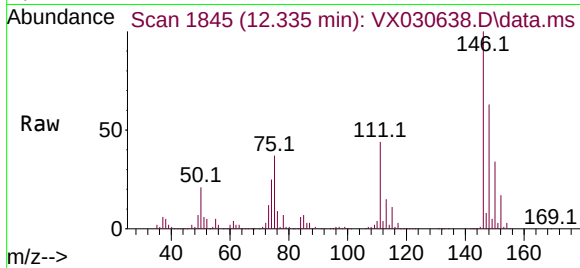
Tgt Ion:146 Resp: 236562

Ion Ratio Lower Upper

146 100

111 44.4 36.9 55.3

148 63.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 46.846 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030638.D

Acq: 15 Aug 2022 20:05

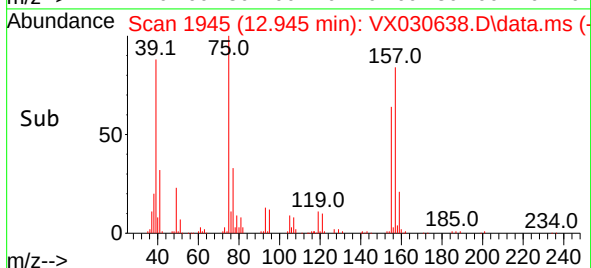
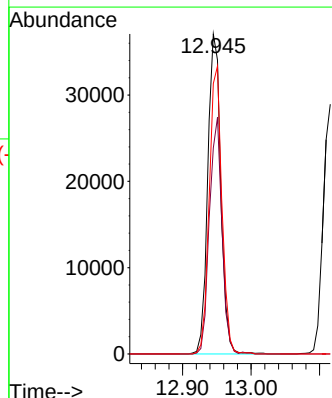
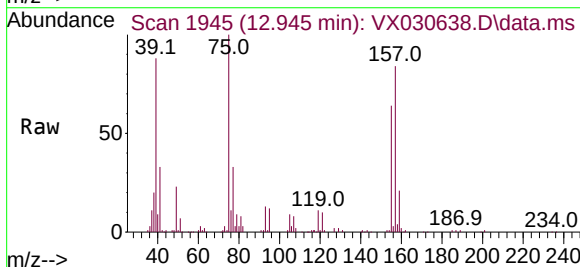
Tgt Ion: 75 Resp: 48906

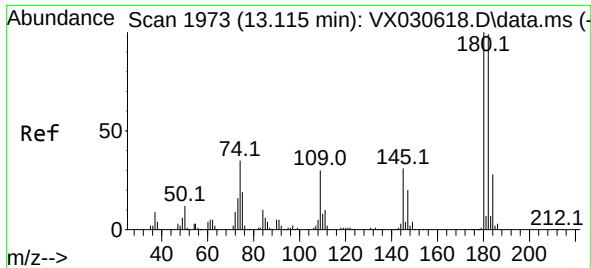
Ion Ratio Lower Upper

75 100

155 64.4 57.1 85.7

157 84.5 73.1 109.7



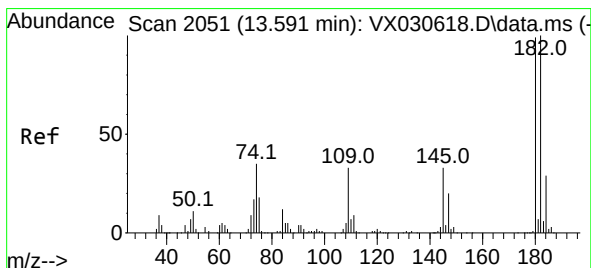
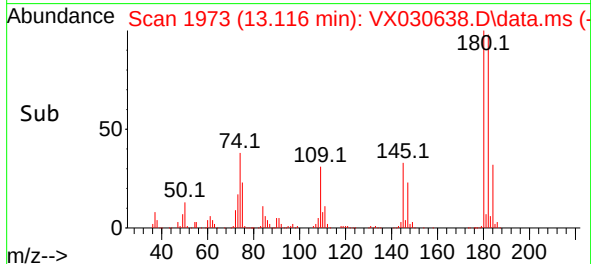
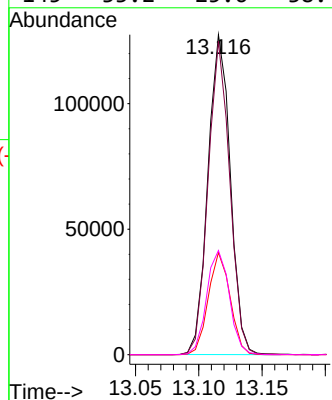
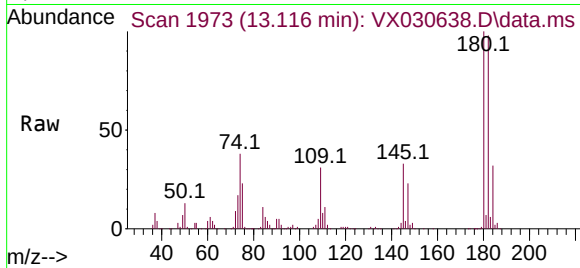


#69
 1,3,5-Trichlorobenzene
 Concen: 49.191 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030638.D
 Acq: 15 Aug 2022 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 EX9B5MS

Tgt Ion:180 Resp: 156647

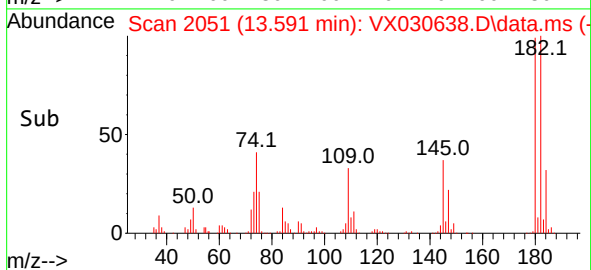
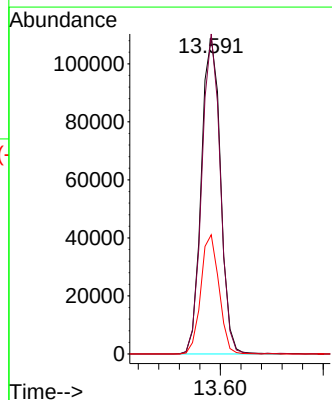
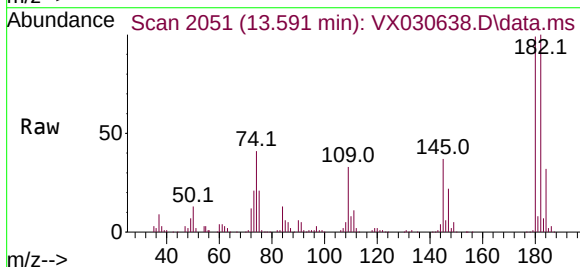
Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.7	110.5
184	31.1	24.1	36.1
145	33.2	25.6	38.4

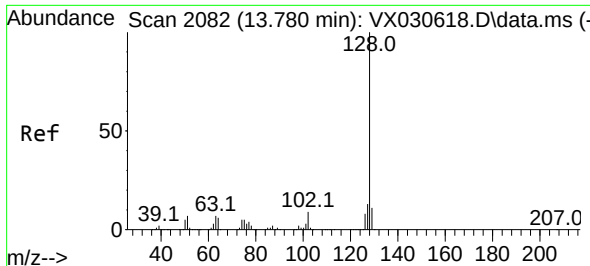


#70
 1,2,4-trichlorobenzene
 Concen: 50.551 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030638.D
 Acq: 15 Aug 2022 20:05

Tgt Ion:180 Resp: 141376

Ion	Ratio	Lower	Upper
180	100		
182	97.0	72.7	109.1
145	35.7	26.6	40.0

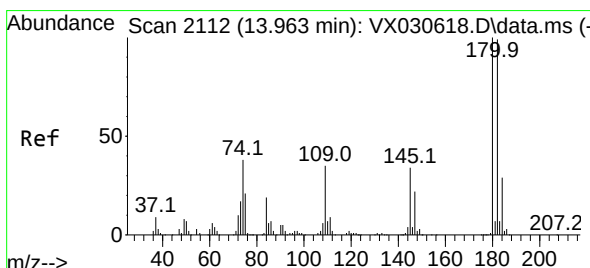
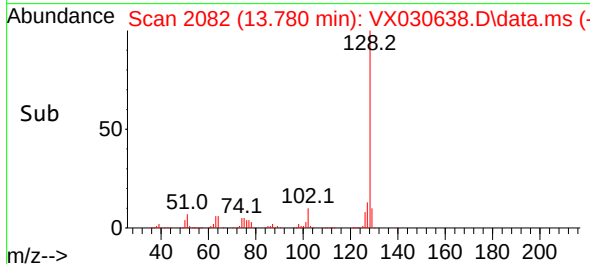
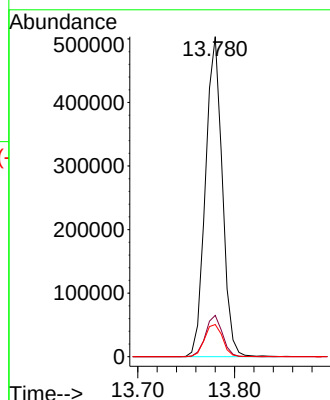
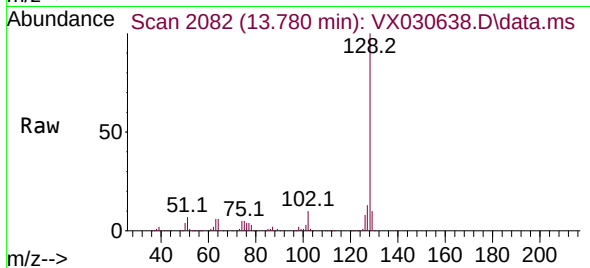




#71
Naphthalene
Concen: 52.593 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
EX9B5MS

Tgt Ion:128 Resp: 608843
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.415 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030638.D
Acq: 15 Aug 2022 20:05

Tgt Ion:180 Resp: 157796
Ion Ratio Lower Upper
180 100
182 92.1 74.6 112.0
145 34.5 28.4 42.6

