

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030417.D
 Acq On : 05 Aug 2022 08:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 00:52:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	321735	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	293264	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	145187	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88812	42.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.960%
7) Chloroethane-d5	1.666	69	70544	48.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.860%
11) 1,1-Dichloroethene-d2	2.306	63	172675	44.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.360%
21) 2-Butanone-d5	4.459	46	188686	98.563	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.560%
24) Chloroform-d	5.056	84	194906	45.826	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.660%
26) 1,2-Dichloroethane-d4	5.952	65	131242	45.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
32) Benzene-d6	5.970	84	365233	43.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	7.312	67	121384	44.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	8.647	98	336603	42.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.020%
43) trans-1,3-Dichloroprop...	8.952	79	59131	43.611	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.220%
47) 2-Hexanone-d5	9.384	63	128148	92.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.240%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	163339	45.620	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.240%
66) 1,2-Dichlorobenzene-d4	12.323	152	121788	43.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122469	50.587	ug/L	99
3) Chloromethane	1.294	50	107247	51.519	ug/L	99
5) Vinyl chloride	1.374	62	113274	50.942	ug/L	96
6) Bromomethane	1.611	94	54253	51.920	ug/L	98
8) Chloroethane	1.685	64	68266	53.898	ug/L	98
9) Trichlorofluoromethane	1.886	101	169410	51.551	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	94280	48.234	ug/L	98
12) 1,1-Dichloroethene	2.319	96	86784	48.192	ug/L	82
13) Acetone	2.392	43	134066	95.554	ug/L	98
14) Carbon disulfide	2.508	76	284321	48.714	ug/L	99
15) Methyl Acetate	2.709	43	147541	50.805	ug/L	99
16) Methylene chloride	2.788	84	112446	49.245	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	104228	49.960	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	350243	49.367	ug/L	100
19) 1,1-Dichloroethane	3.611	63	205436	50.913	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	115507	49.218	ug/L	97
22) 2-Butanone	4.562	43	220803	99.761	ug/L	100
23) Bromochloromethane	4.897	128	57158	48.567	ug/L	98
25) Chloroform	5.093	83	212571	50.140	ug/L	99

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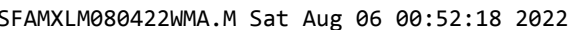
Instrument :
 MSVOA_X
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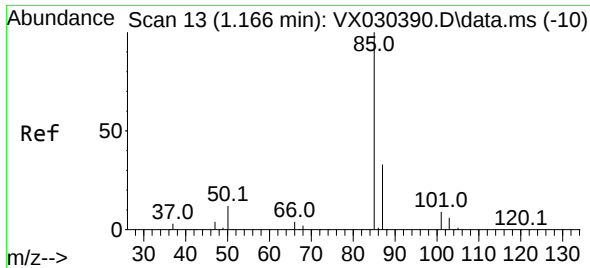
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	176882	50.128	ug/L	99
29) Cyclohexane	5.471	56	194221	49.817	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	184566	47.712	ug/L	99
31) Carbon tetrachloride	5.672	117	155964	48.850	ug/L	99
33) Benzene	6.037	78	453589	48.241	ug/L	100
34) Trichloroethene	7.123	95	127072	46.662	ug/L	87
35) Methylcyclohexane	7.379	83	194536	49.070	ug/L	99
37) 1,2-Dichloropropane	7.434	63	119364	47.745	ug/L	100
38) Bromodichloromethane	7.824	83	159220	48.121	ug/L	91
39) cis-1,3-Dichloropropene	8.366	75	179131	48.032	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	426720	98.015	ug/L	99
42) Toluene	8.720	91	488024	49.132	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	177384	48.596	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	111724	48.060	ug/L	96
46) Tetrachloroethene	9.275	164	83406	48.462	ug/L	99
48) 2-Hexanone	9.433	43	341244	100.880	ug/L	98
49) Dibromochloromethane	9.525	129	117793	47.629	ug/L	97
50) 1,2-Dibromoethane	9.610	107	117867	46.106	ug/L #	100
51) Chlorobenzene	10.079	112	299496	48.398	ug/L	98
52) Ethylbenzene	10.195	91	533818	49.289	ug/L	100
53) m,p-Xylene	10.305	106	200315	49.622	ug/L	99
54) o-Xylene	10.640	106	195034	48.485	ug/L	98
55) Styrene	10.659	104	339696	50.154	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	174073	49.213	ug/L	98
59) Bromoform	10.799	173	76412	48.330	ug/L	99
60) Isopropylbenzene	10.963	105	522713	50.792	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	155978	50.026	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	454688	51.751	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	445049	50.158	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	217453	48.607	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	223943	49.242	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	216367	46.769	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	45623	44.358	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	150979	48.124	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	135045	49.013	ug/L	98
71) Naphthalene	13.774	128	532801	46.715	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	139315	47.867	ug/L	99

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

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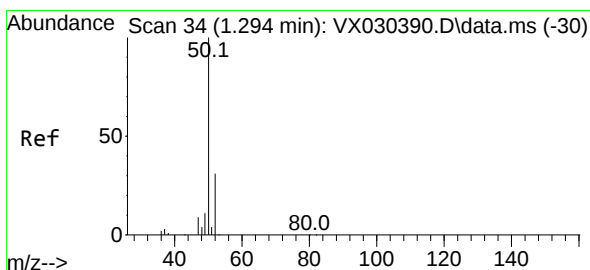
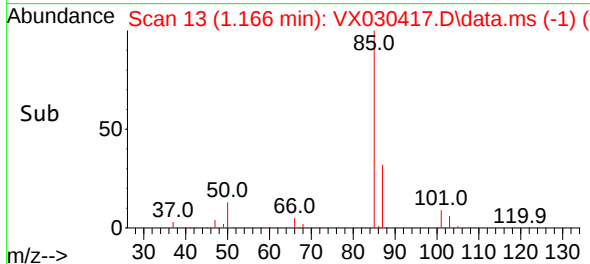
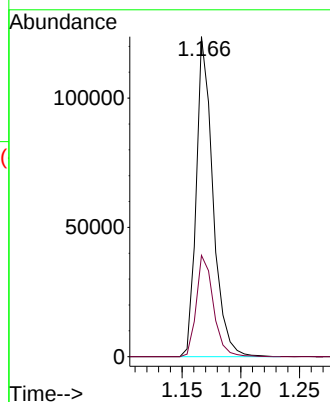
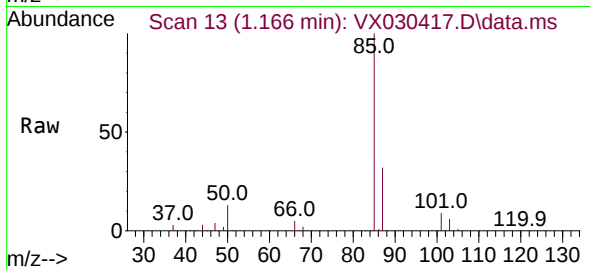




#2
 Dichlorodifluoromethane
 Concen: 50.587 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030417.D
 Acq: 05 Aug 2022 08:50

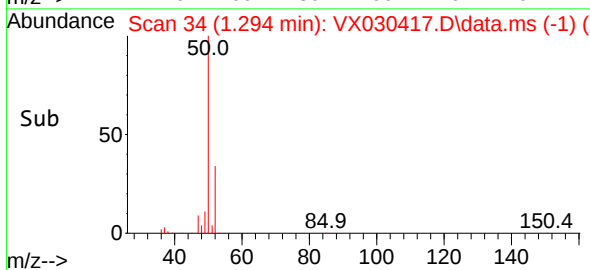
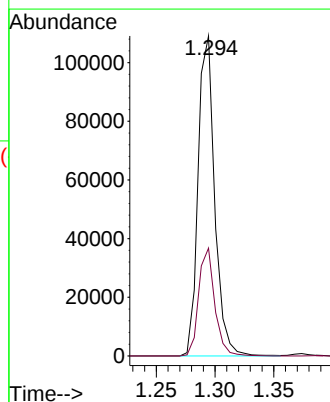
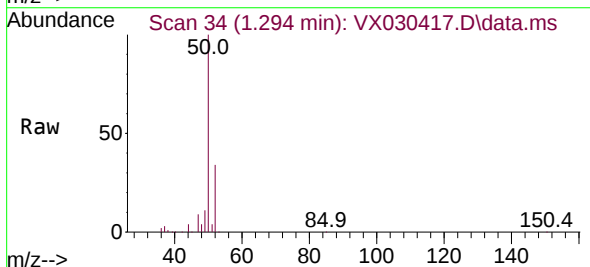
Instrument :
 MSVOA_X
 ClientSampleId :

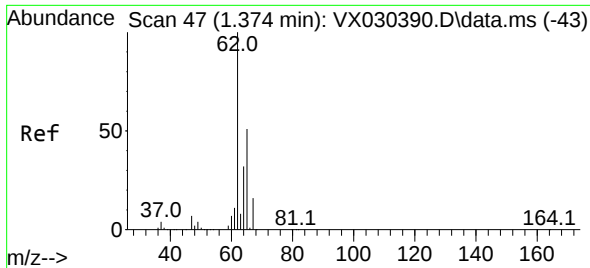
Tgt Ion: 85 Resp: 122469
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.6 38.4



#3
 Chloromethane
 Concen: 51.519 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX030417.D
 Acq: 05 Aug 2022 08:50

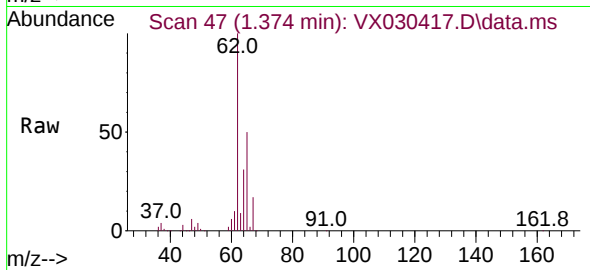
Tgt Ion: 50 Resp: 107247
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.3 43.3



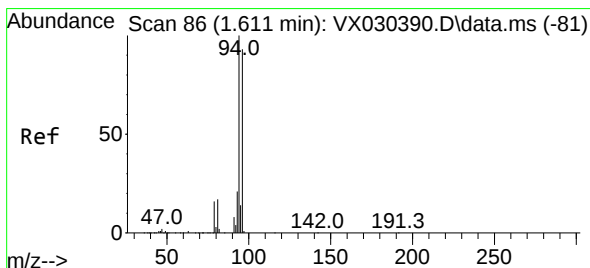
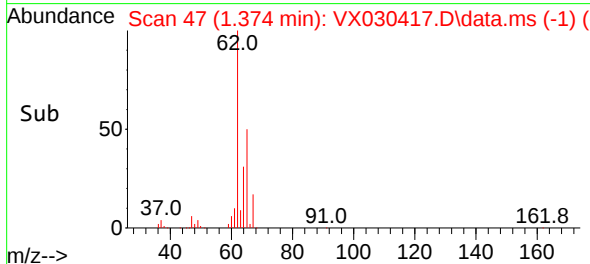
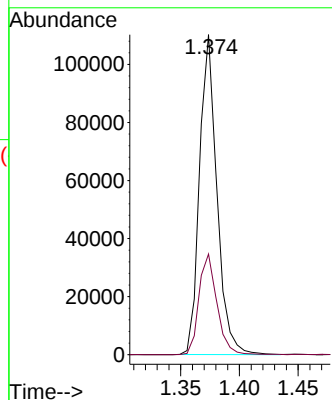


#5
 Vinyl chloride
 Concen: 50.942 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX030417.D
 Acq: 05 Aug 2022 08:50

Instrument :
 MSVOA_X
 ClientSampleId :

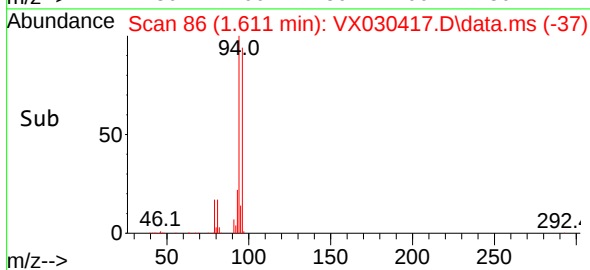
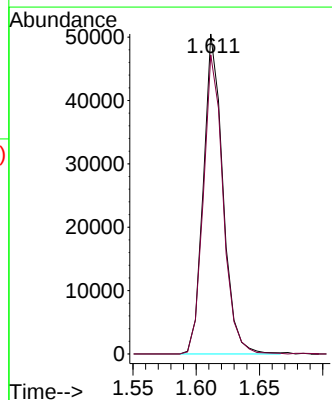
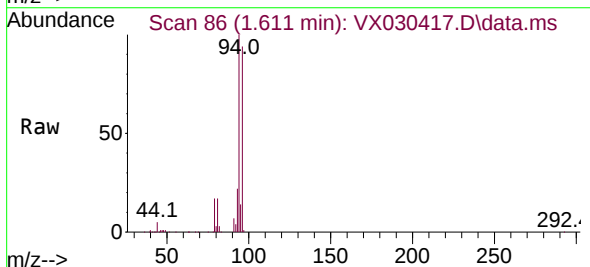


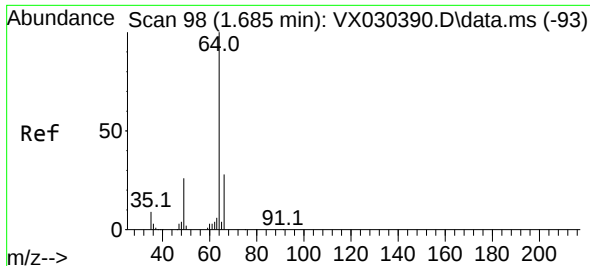
Tgt Ion: 62 Resp: 113274
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.8 44.2



#6
 Bromomethane
 Concen: 51.920 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030417.D
 Acq: 05 Aug 2022 08:50

Tgt Ion: 94 Resp: 54253
 Ion Ratio Lower Upper
 94 100
 96 93.5 63.8 118.6

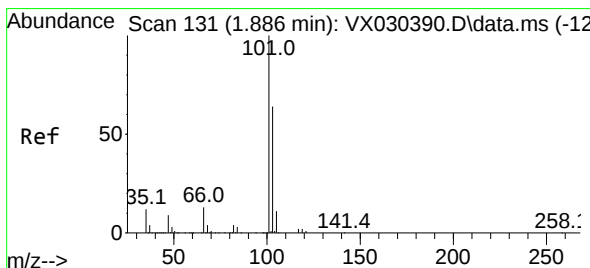
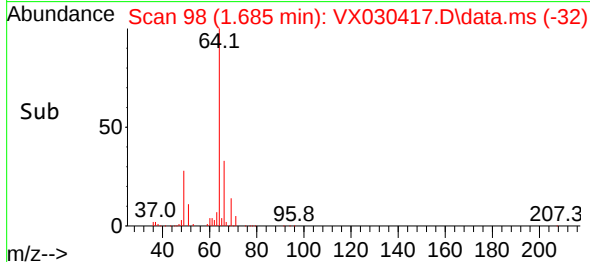
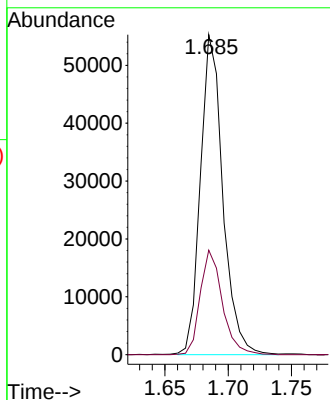
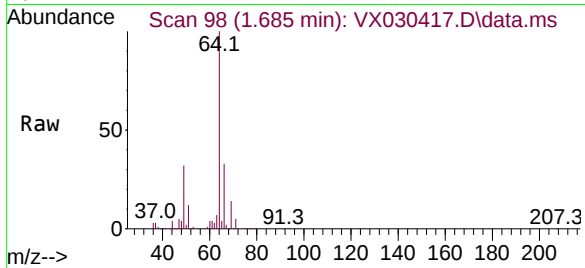




#8
Chloroethane
Concen: 53.898 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

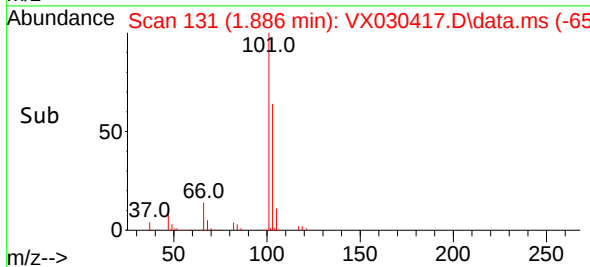
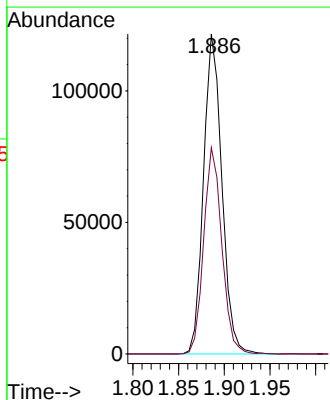
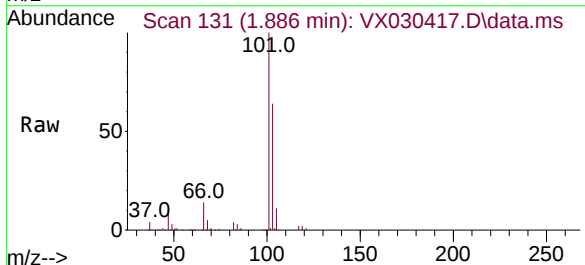
Instrument :
MSVOA_X
ClientSampleId :

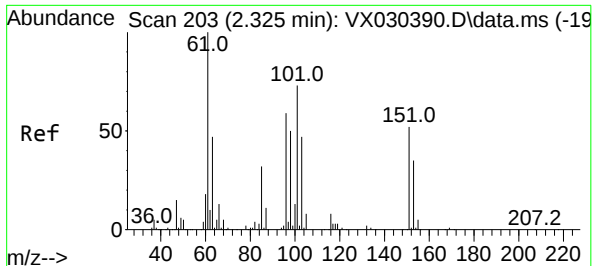
Tgt Ion: 64 Resp: 68266
Ion Ratio Lower Upper
64 100
66 32.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 51.551 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion: 101 Resp: 169410
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3





#10

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

Concen: 48.234 ug/L

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

ClientSampleId :

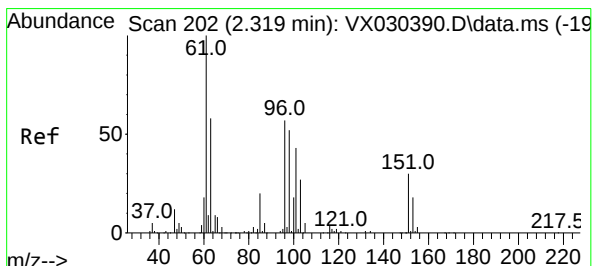
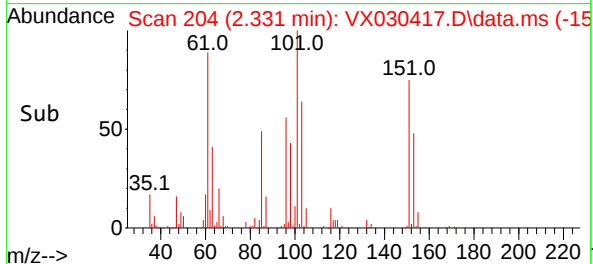
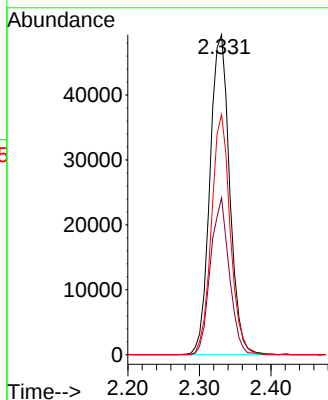
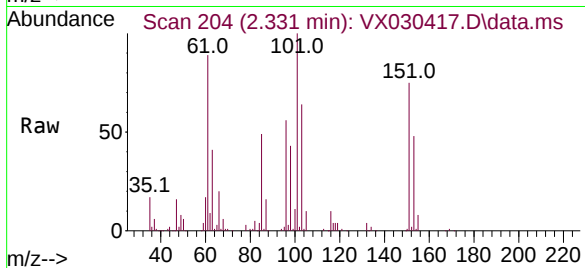
Tgt Ion:101 Resp: 94280

Ion Ratio Lower Upper

101 100

85 46.5 35.3 52.9

151 71.7 58.3 87.5



#12

1,1-Dichloroethene

Concen: 48.192 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

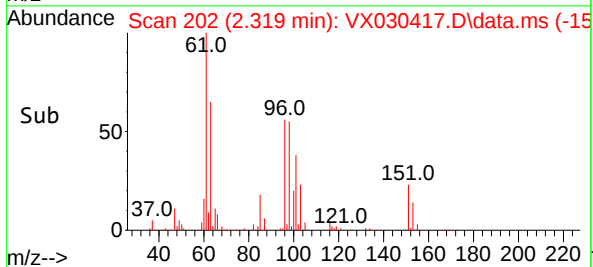
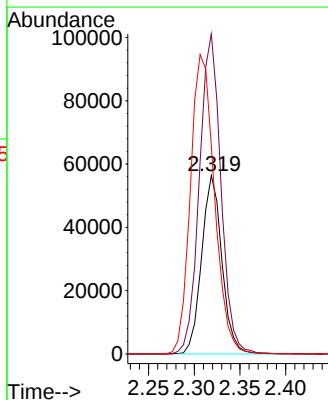
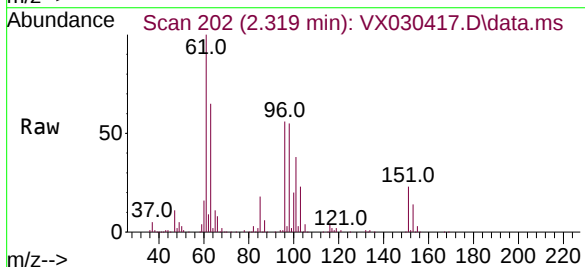
Tgt Ion: 96 Resp: 86784

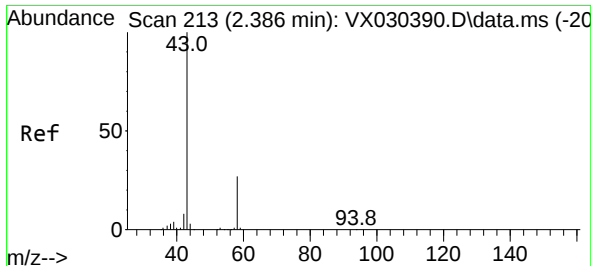
Ion Ratio Lower Upper

96 100

61 179.4 130.2 241.8

63 116.7 113.5 210.9





#13

Acetone

Concen: 95.554 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

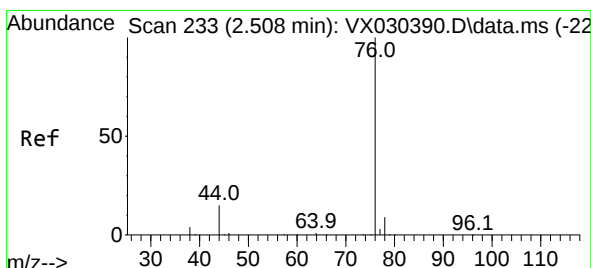
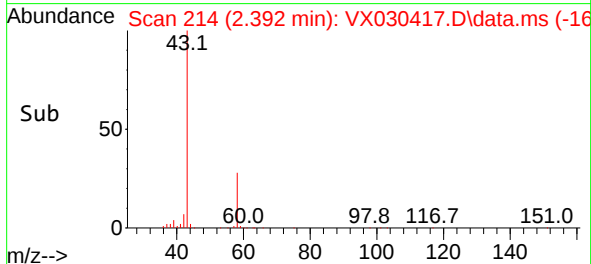
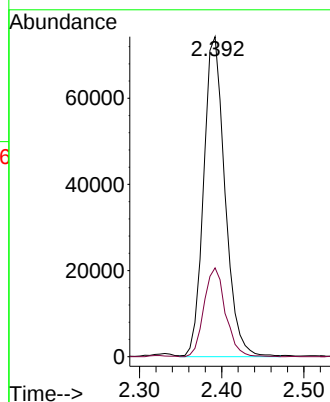
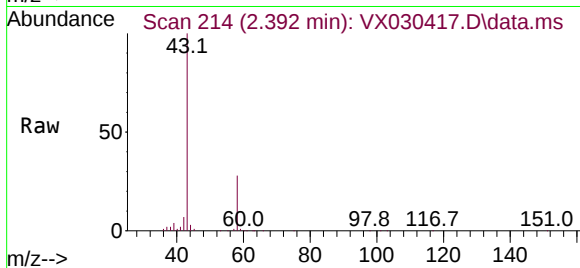
ClientSampleId :

Tgt Ion: 43 Resp: 134066

Ion Ratio Lower Upper

43 100

58 27.9 0.0 57.8



#14

Carbon disulfide

Concen: 48.714 ug/L

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX030417.D

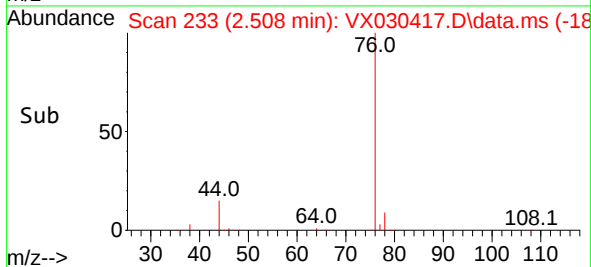
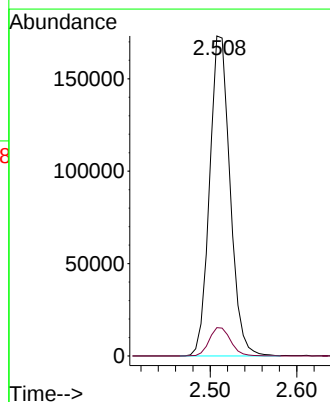
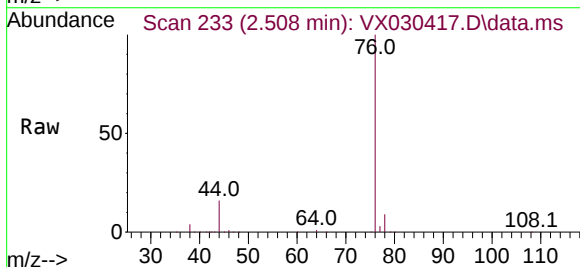
Acq: 05 Aug 2022 08:50

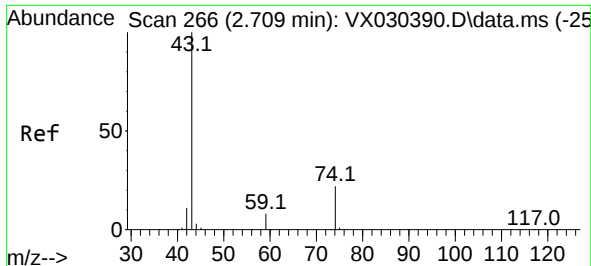
Tgt Ion: 76 Resp: 284321

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

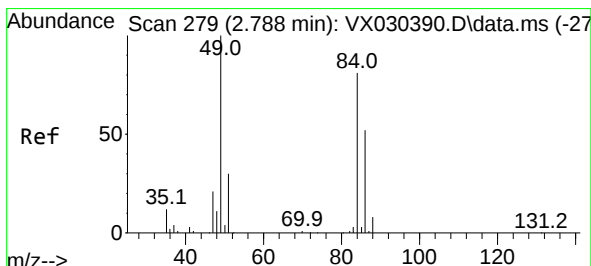
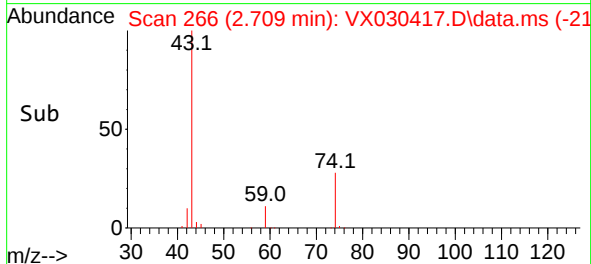
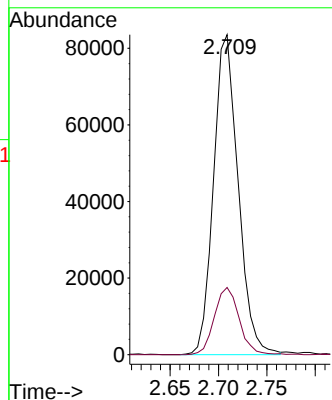
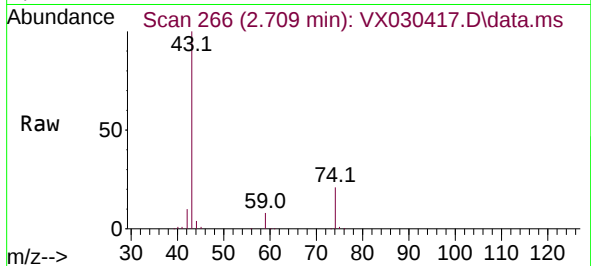




#15
Methyl Acetate
Concen: 50.805 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

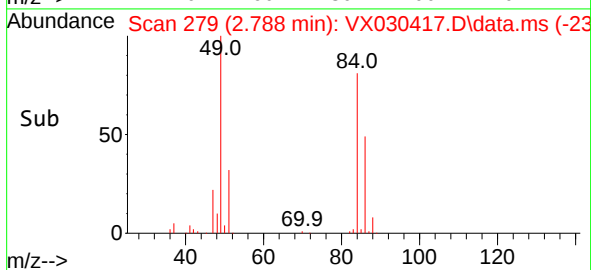
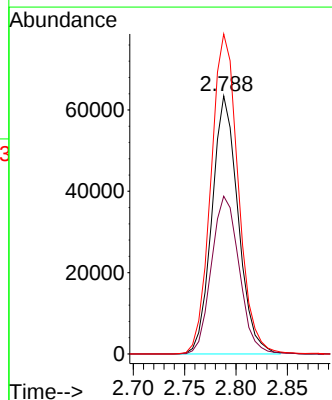
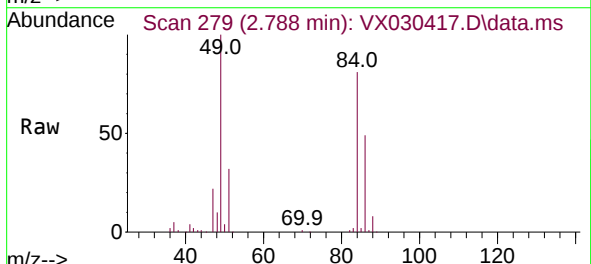
Instrument :
MSVOA_X
ClientSampleId :

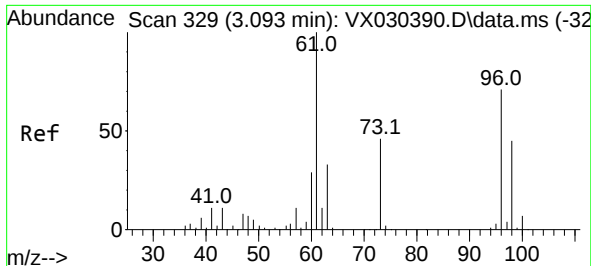
Tgt Ion: 43 Resp: 147541
Ion Ratio Lower Upper
43 100
74 21.1 17.2 25.8



#16
Methylene chloride
Concen: 49.245 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

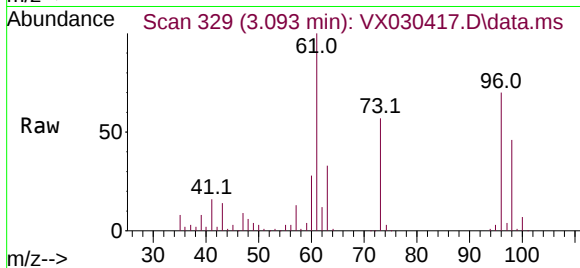
Tgt Ion: 84 Resp: 112446
Ion Ratio Lower Upper
84 100
86 61.2 44.2 82.2
49 124.0 89.0 165.2





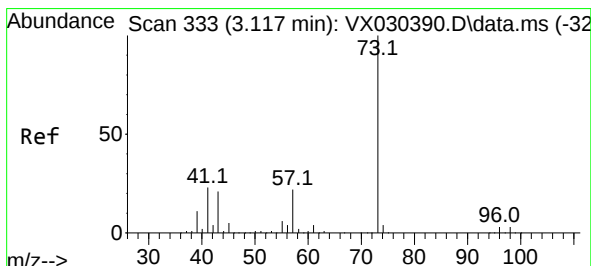
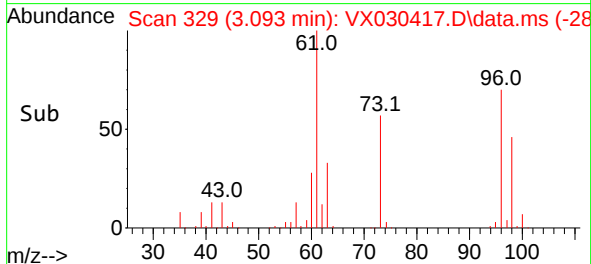
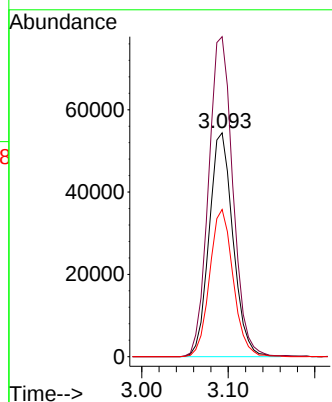
#17
trans-1,2-Dichloroethene
Concen: 49.960 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 104228

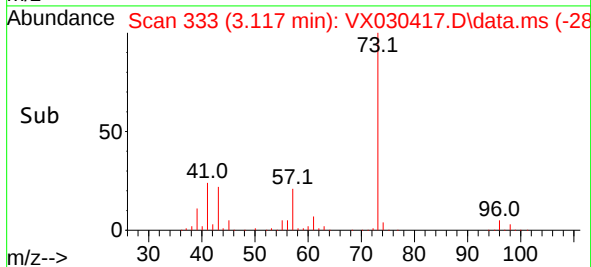
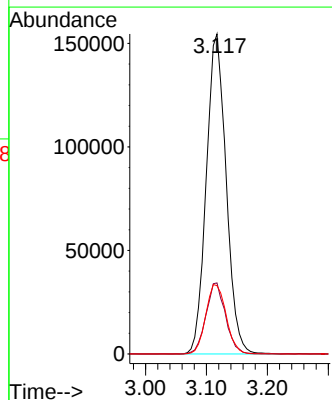
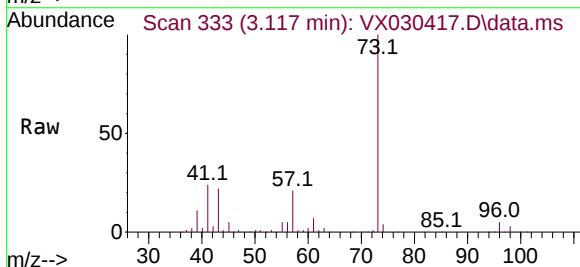
Ion	Ratio	Lower	Upper
96	100		
61	142.9	103.7	192.5
98	65.8	41.5	77.1

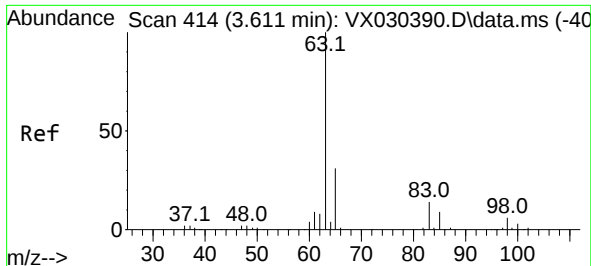


#18
Methyl tert-butyl Ether
Concen: 49.367 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion: 73 Resp: 350243

Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.6	26.4
57	22.2	17.5	26.3





#19

1,1-Dichloroethane

Concen: 50.913 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

ClientSampleId :

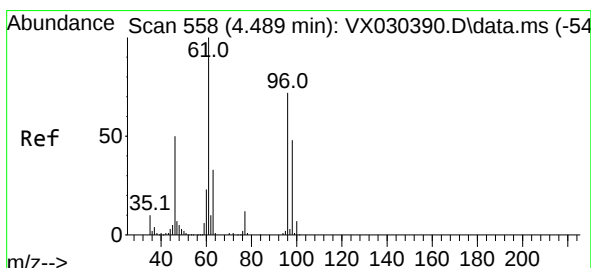
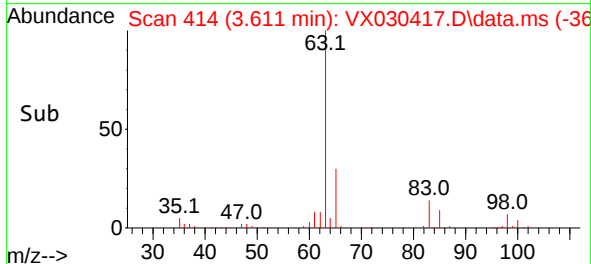
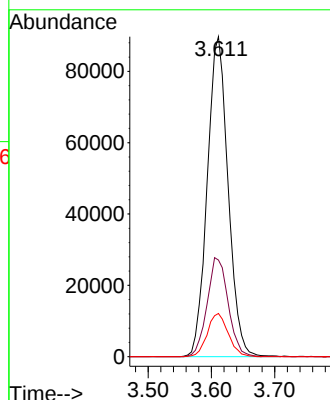
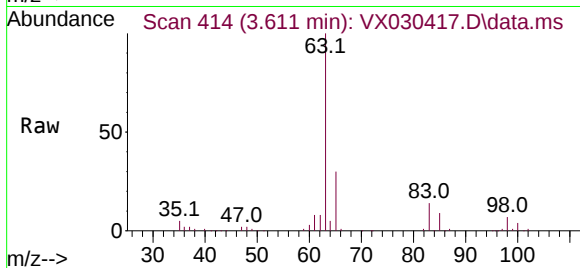
Tgt Ion: 63 Resp: 205436

Ion Ratio Lower Upper

63 100

65 30.2 22.0 40.8

83 13.5 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 49.218 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

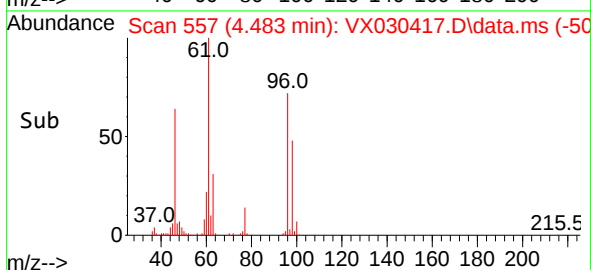
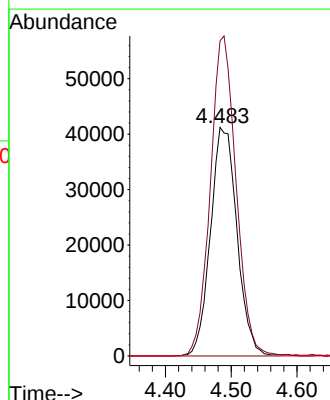
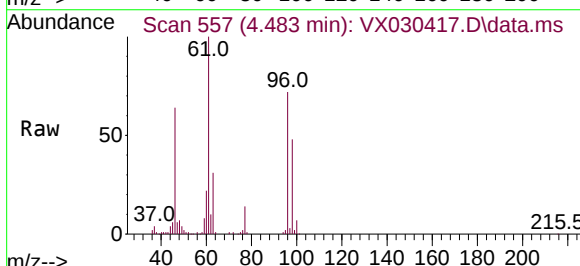
Tgt Ion: 96 Resp: 115507

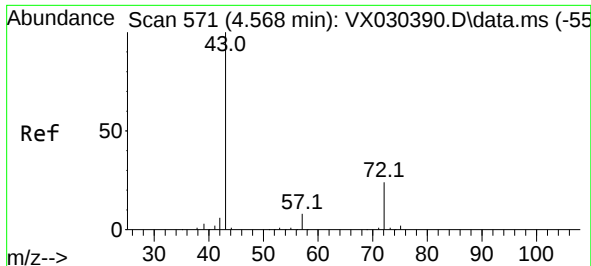
Ion Ratio Lower Upper

96 100

61 137.9 94.0 174.6

68 0.0 0.0 0.0

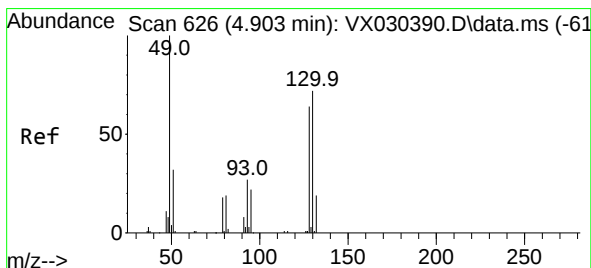
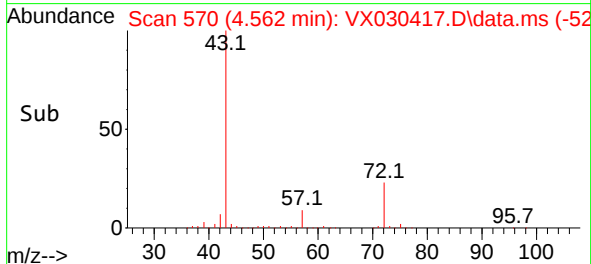
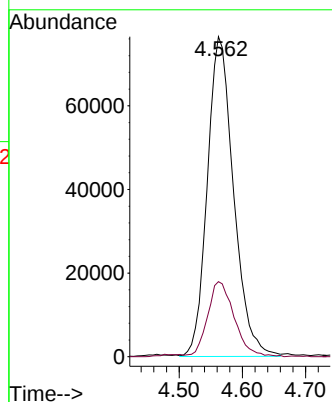
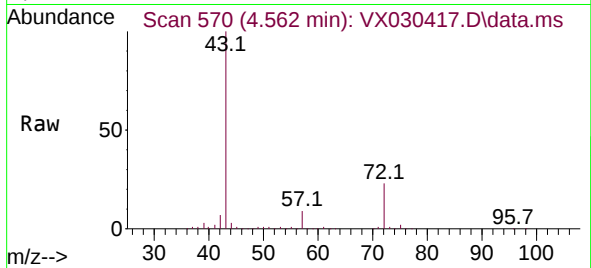




#22
2-Butanone
Concen: 99.761 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

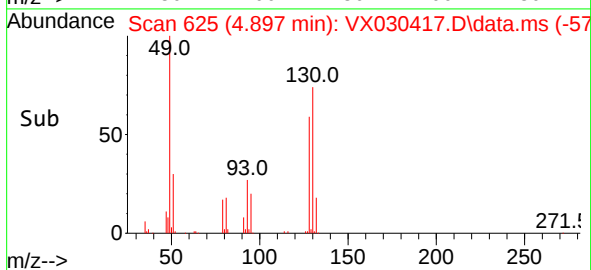
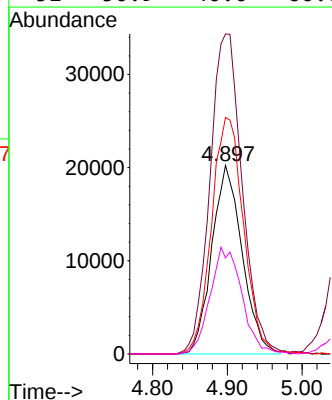
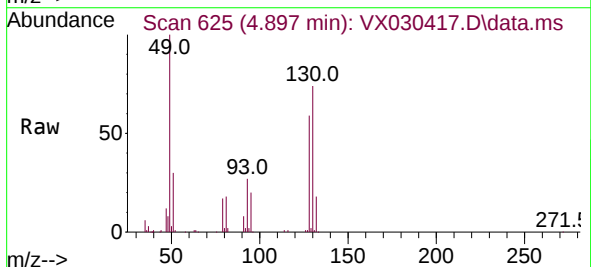
Instrument :
MSVOA_X
ClientSampleId :

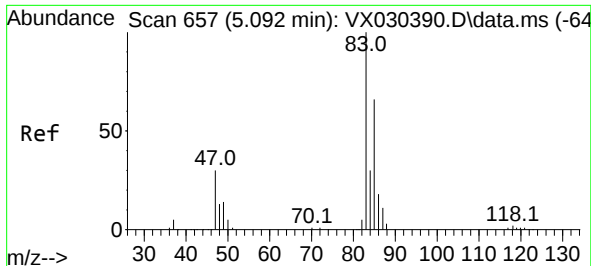
Tgt Ion: 43 Resp: 220803
Ion Ratio Lower Upper
43 100
72 23.2 11.7 35.1



#23
Bromochloromethane
Concen: 48.567 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion: 128 Resp: 57158
Ion Ratio Lower Upper
128 100
49 169.7 116.8 216.8
130 125.4 90.3 167.7
51 50.9 40.0 60.0

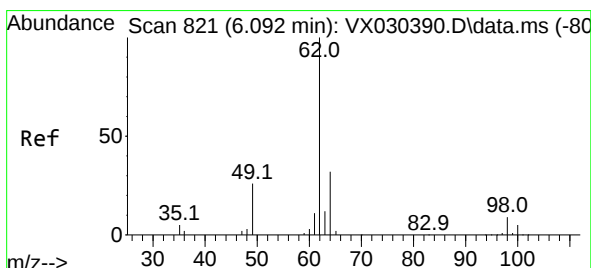
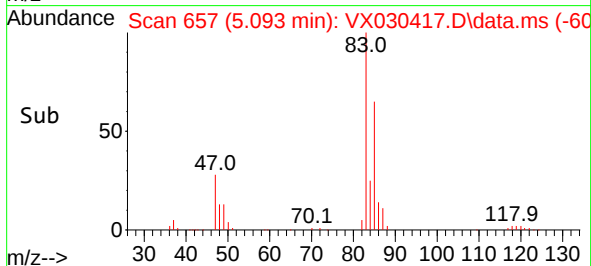
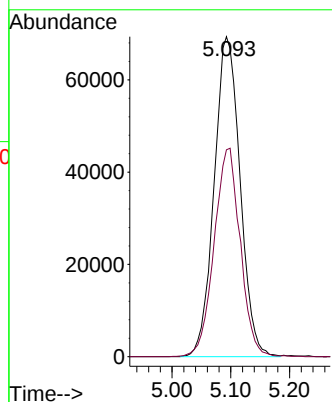
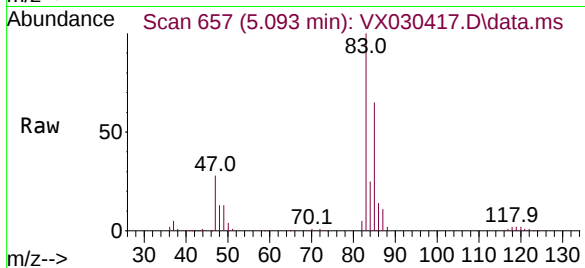




#25
Chloroform
Concen: 50.140 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

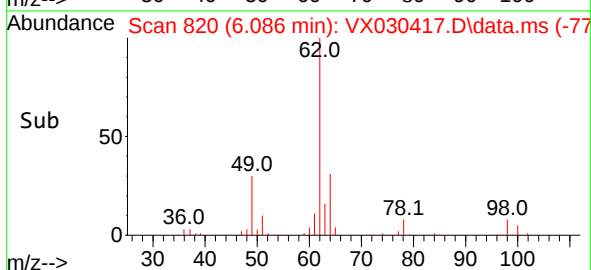
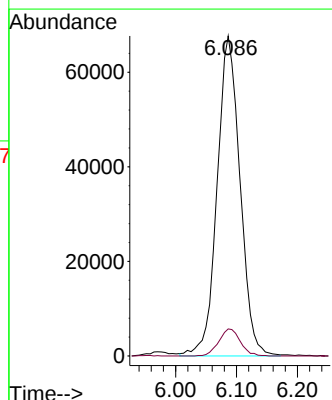
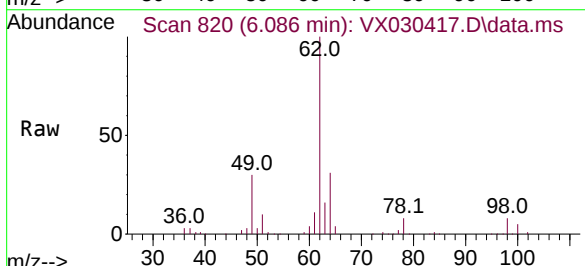
Instrument :
MSVOA_X
ClientSampleId :

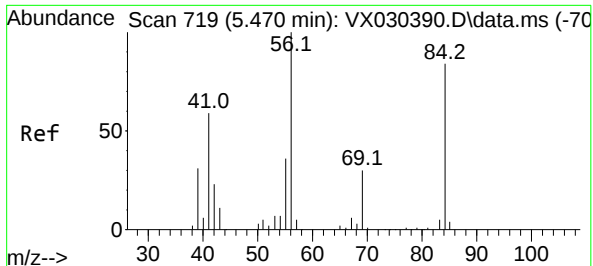
Tgt Ion: 83 Resp: 212571
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.6



#27
1,2-Dichloroethane
Concen: 50.128 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion: 62 Resp: 176882
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 49.817 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

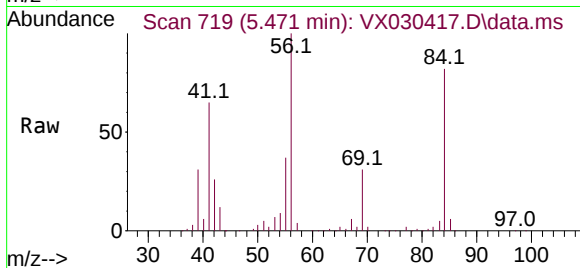
Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

ClientSampleId :



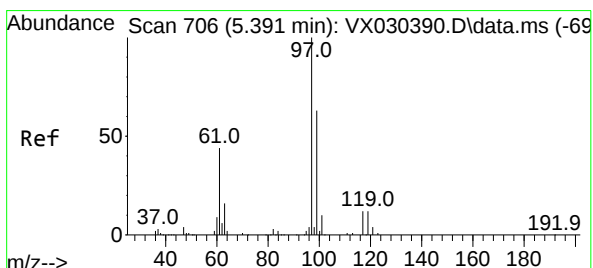
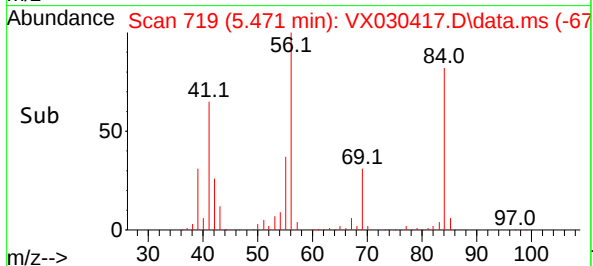
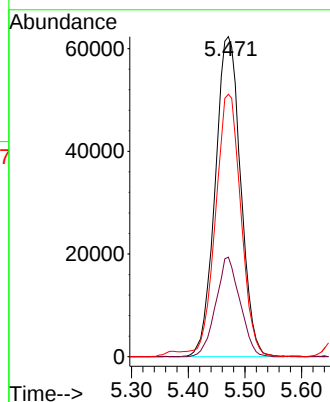
Tgt Ion: 56 Resp: 194221

Ion Ratio Lower Upper

56 100

69 29.6 24.3 36.5

84 81.8 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 47.712 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

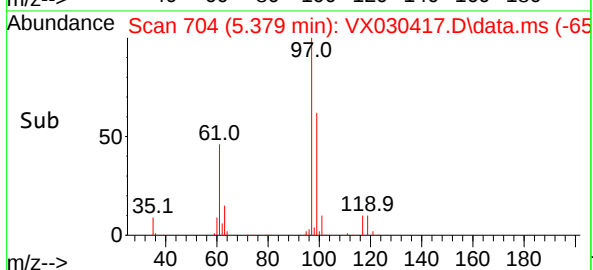
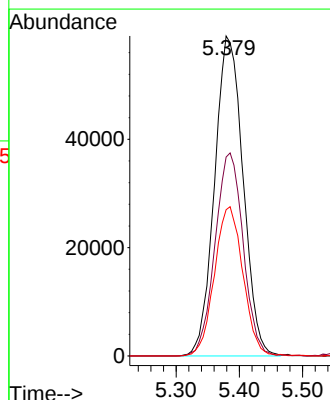
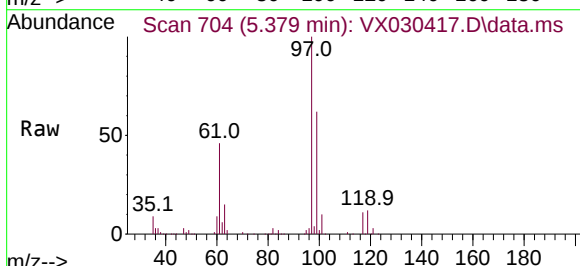
Tgt Ion: 97 Resp: 184566

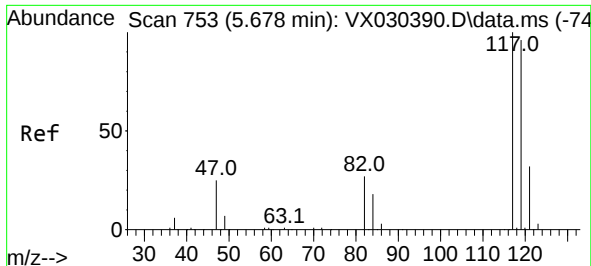
Ion Ratio Lower Upper

97 100

99 62.7 51.4 77.0

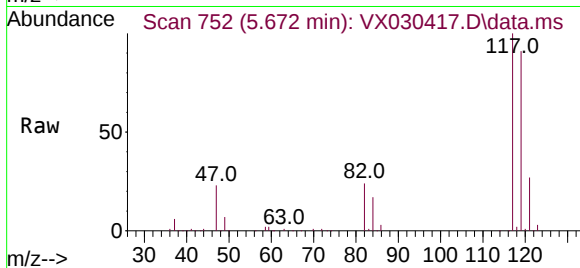
61 46.6 37.0 55.6



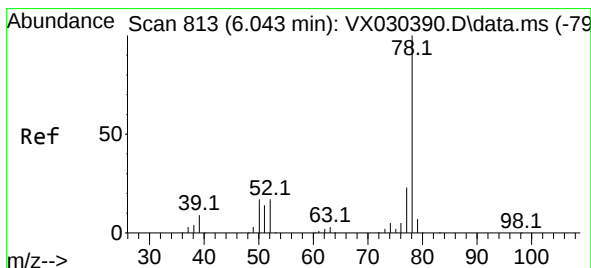
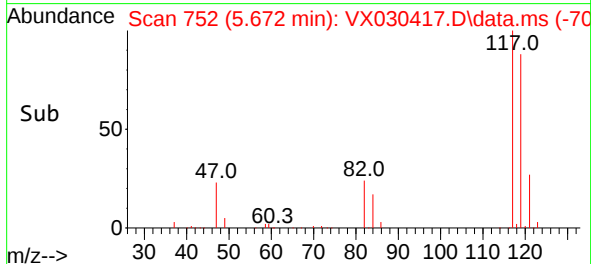
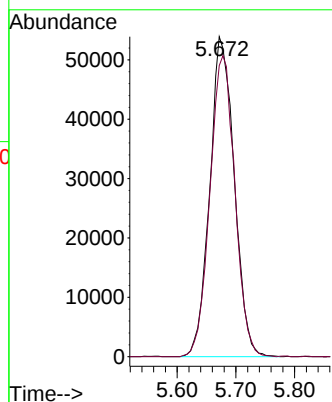


#31
Carbon tetrachloride
Concen: 48.850 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Instrument :
MSVOA_X
ClientSampleId :

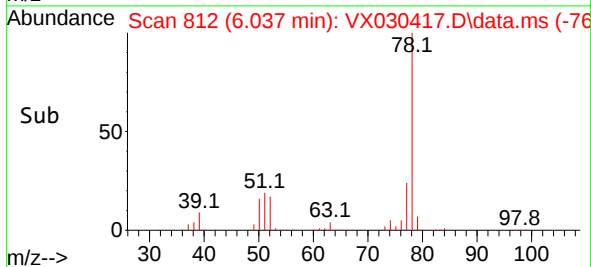
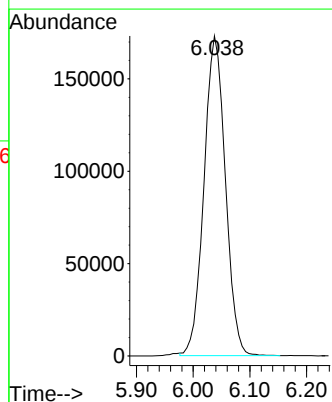
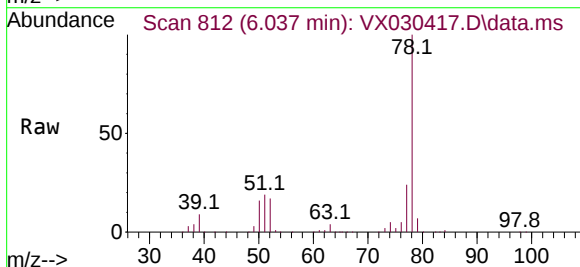


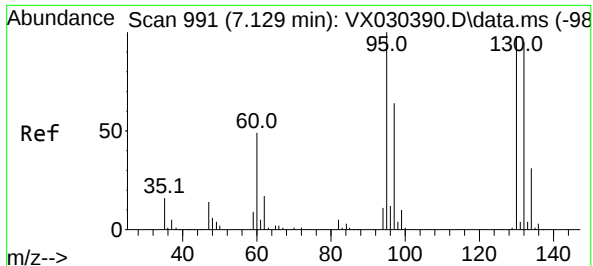
Tgt Ion:117 Resp: 155964
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.2



#33
Benzene
Concen: 48.241 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion: 78 Resp: 453589

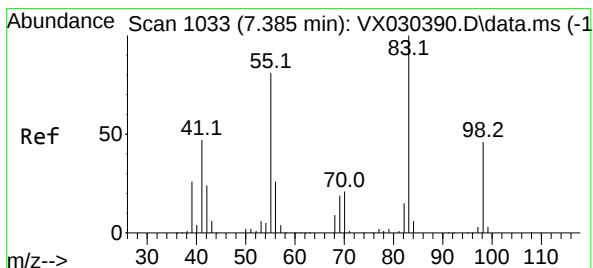
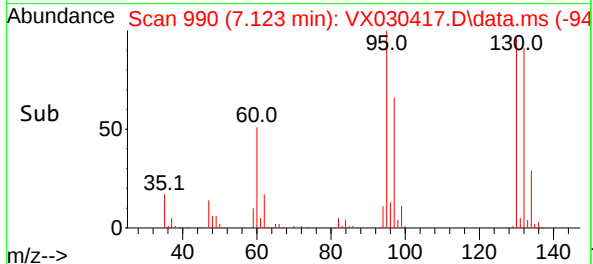
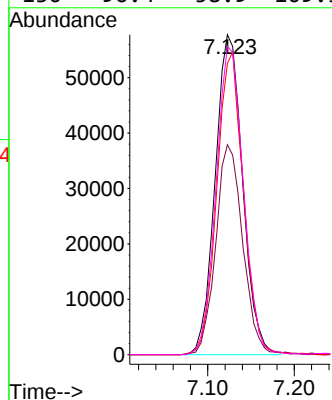
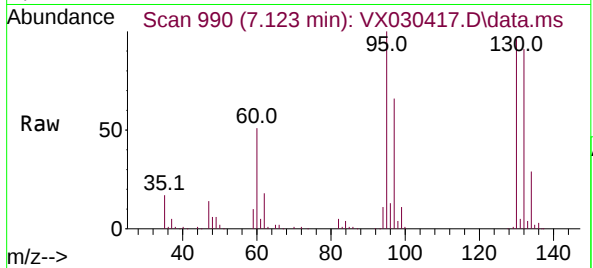




#34
Trichloroethene
Concen: 46.662 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

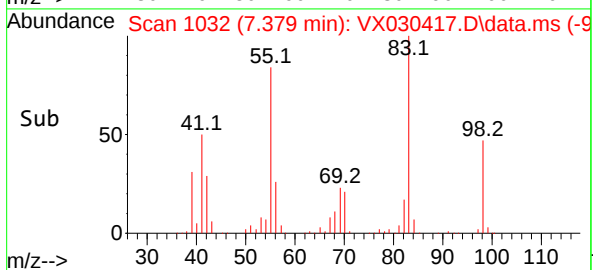
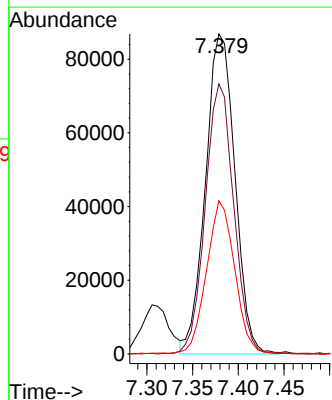
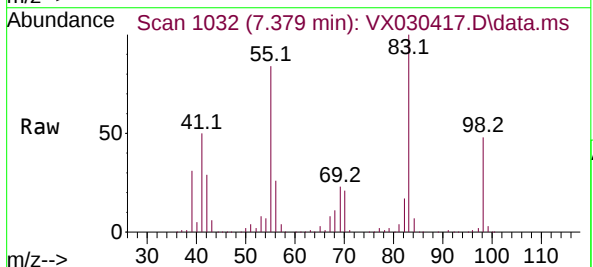
Instrument :
MSVOA_X
ClientSampleId :

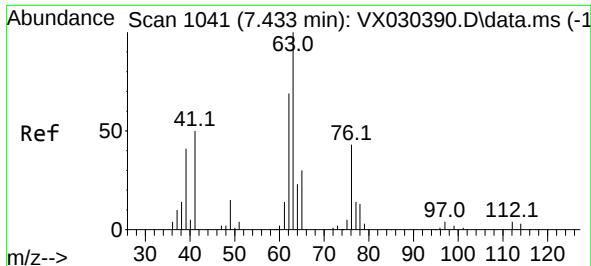
Tgt Ion: 95 Resp: 127072
Ion Ratio Lower Upper
95 100
97 65.6 40.2 74.6
132 91.0 55.3 102.7
130 96.4 58.9 109.5



#35
Methylcyclohexane
Concen: 49.070 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion: 83 Resp: 194536
Ion Ratio Lower Upper
83 100
55 81.7 64.0 96.0
98 46.0 36.7 55.1





#37

1,2-Dichloropropane

Concen: 47.745 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

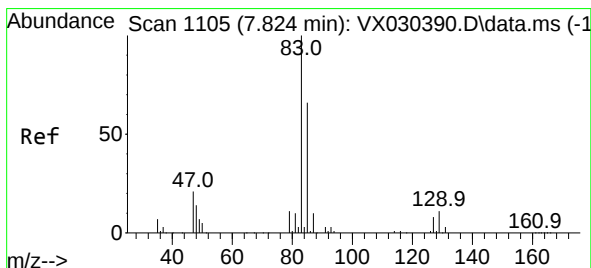
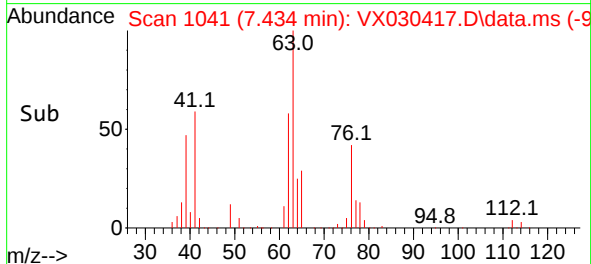
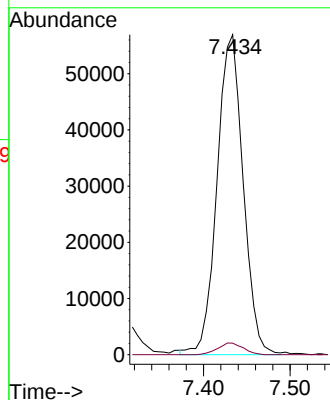
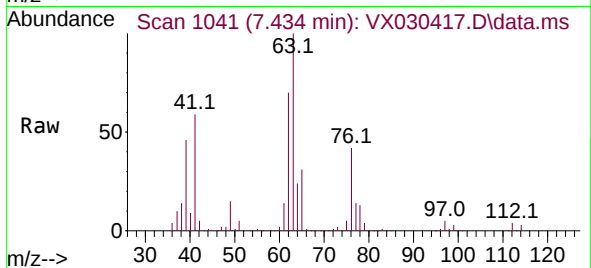
ClientSampleId :

Tgt Ion: 63 Resp: 119364

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 48.121 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

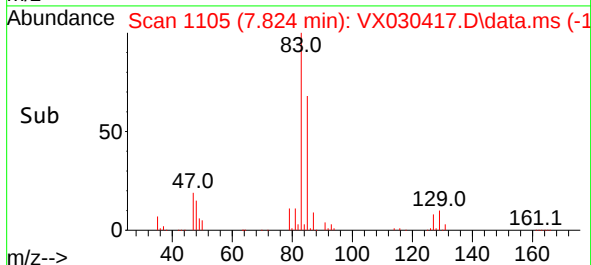
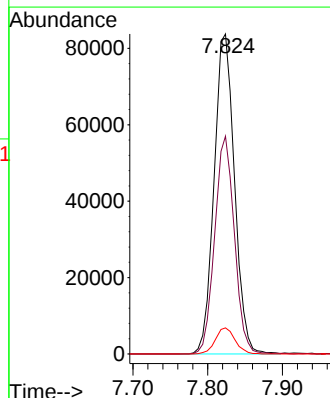
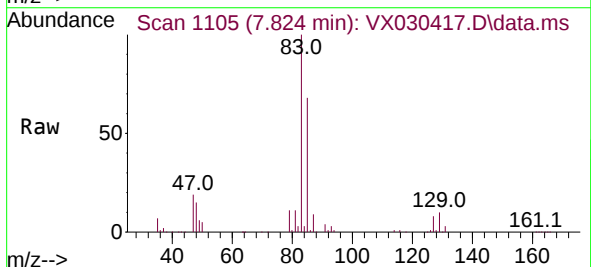
Tgt Ion: 83 Resp: 159220

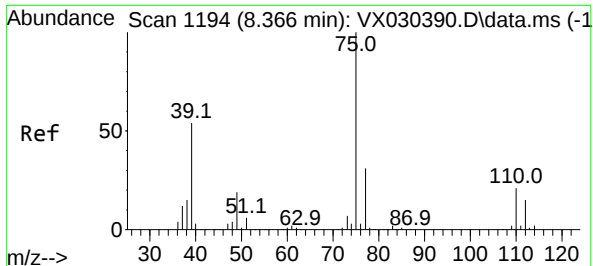
Ion Ratio Lower Upper

83 100

85 68.1 42.5 78.9

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 48.032 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

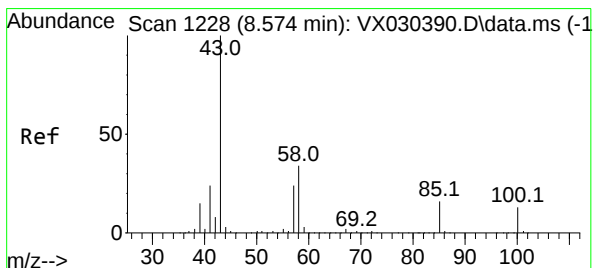
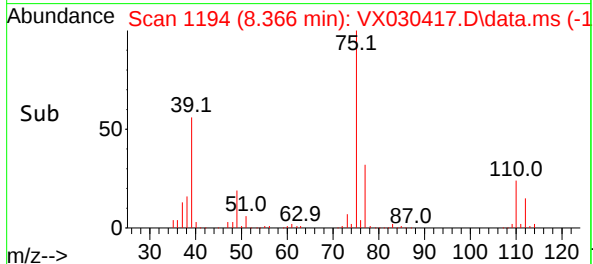
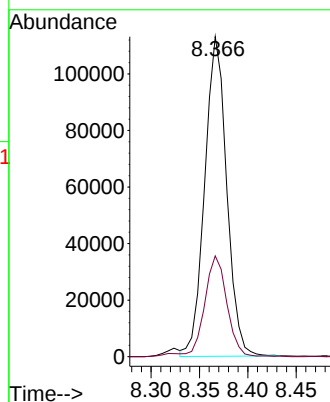
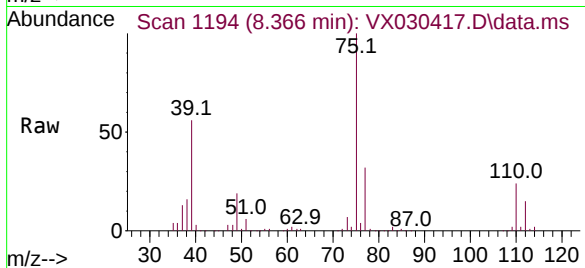
ClientSampleId :

Tgt Ion: 75 Resp: 179131

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 98.015 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

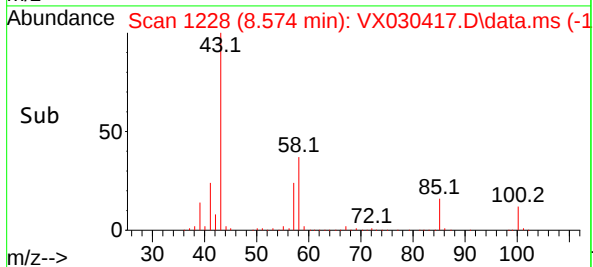
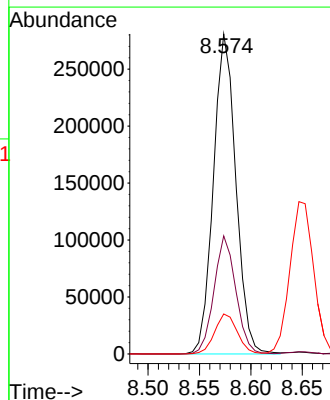
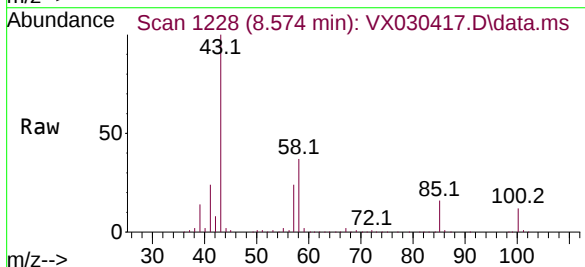
Tgt Ion: 43 Resp: 426720

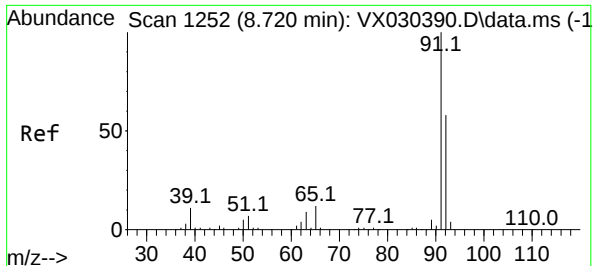
Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.6

100 12.6 10.5 15.7





#42

Toluene

Concen: 49.132 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

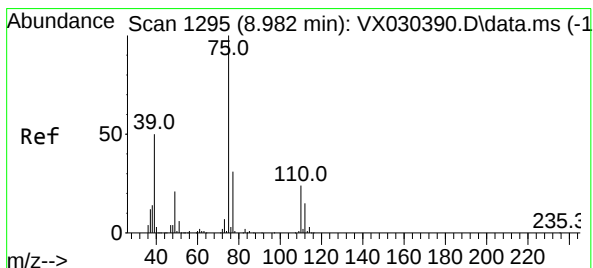
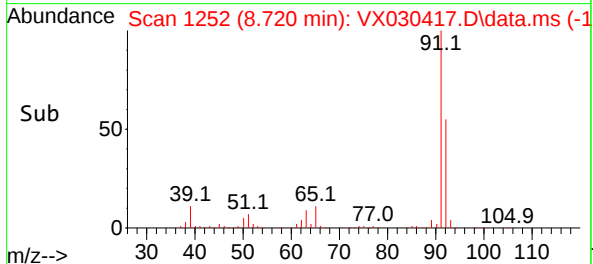
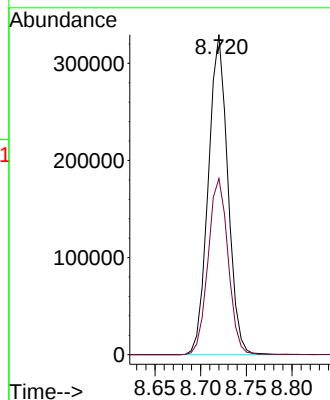
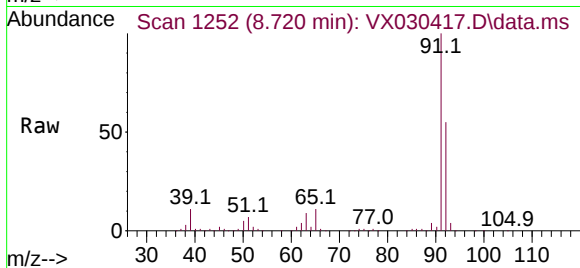
ClientSampleId :

Tgt Ion: 91 Resp: 488024

Ion Ratio Lower Upper

91 100

92 55.1 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 48.596 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX030417.D

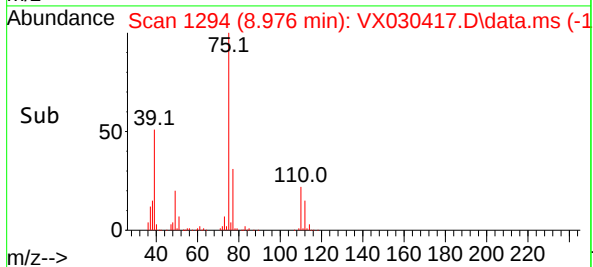
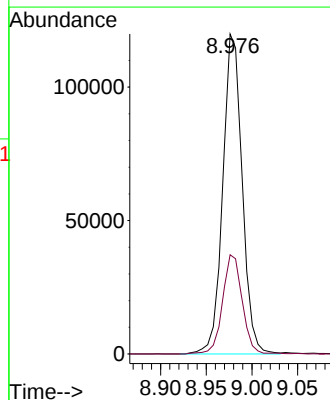
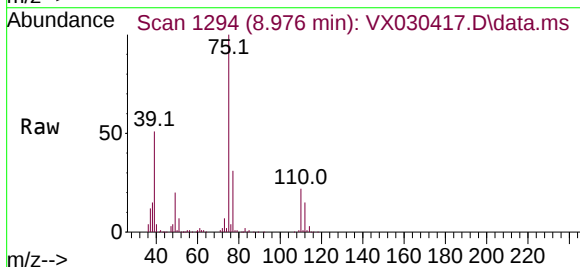
Acq: 05 Aug 2022 08:50

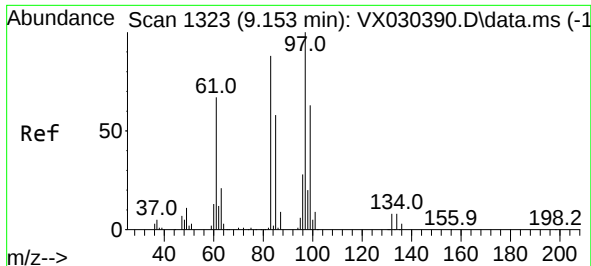
Tgt Ion: 75 Resp: 177384

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7

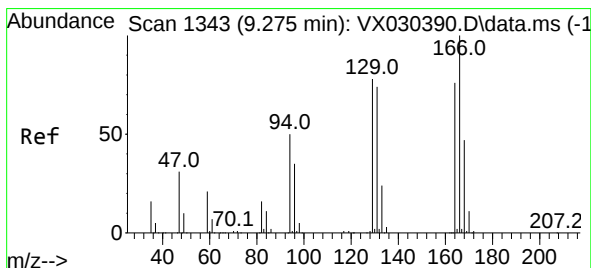
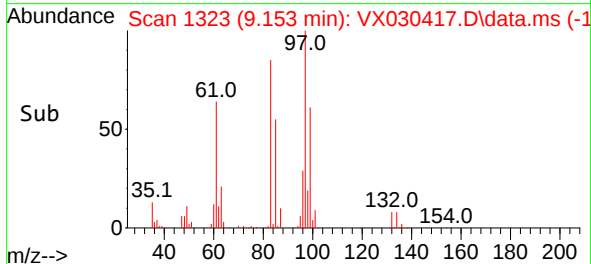
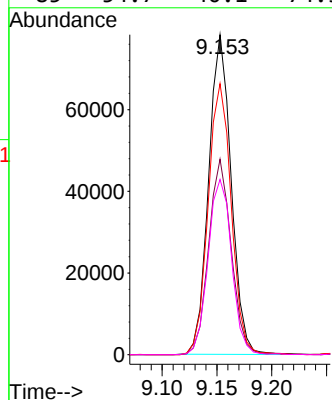
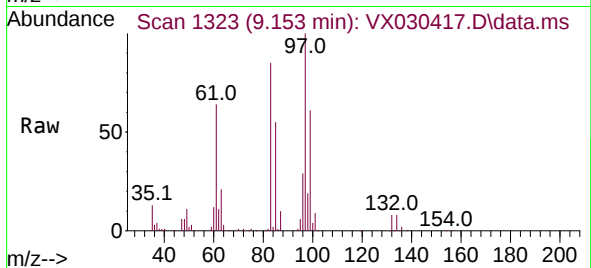




#45
1,1,2-Trichloroethane
Concen: 48.060 ug/L
RT: 9.153 min Scan# 111724
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

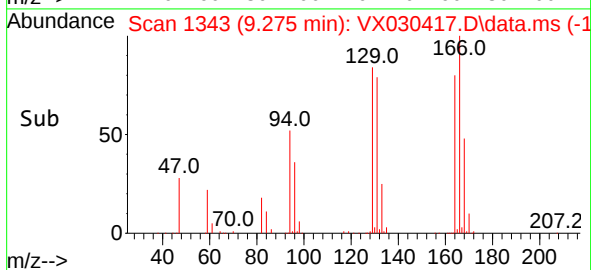
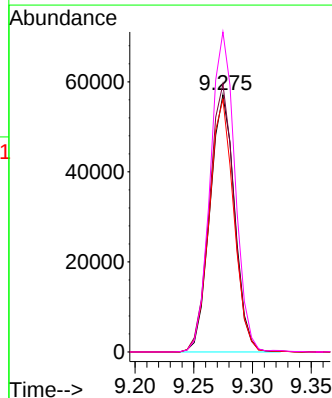
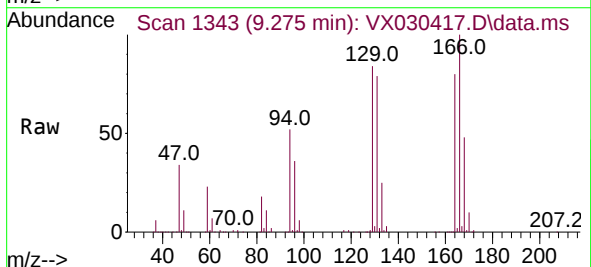
Instrument :
MSVOA_X
ClientSampleId :

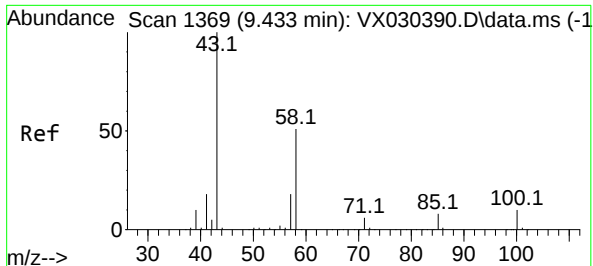
Tgt Ion:	97	Resp:	111724
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.3	80.3
83	84.7	63.0	117.0
85	54.7	40.1	74.5



#46
Tetrachloroethene
Concen: 48.462 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion:	164	Resp:	83406
Ion	Ratio	Lower	Upper
164	100		
129	104.3	72.7	135.1
131	98.3	69.9	129.9
166	124.5	88.3	164.1





#48

2-Hexanone

Concen: 100.880 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 341244

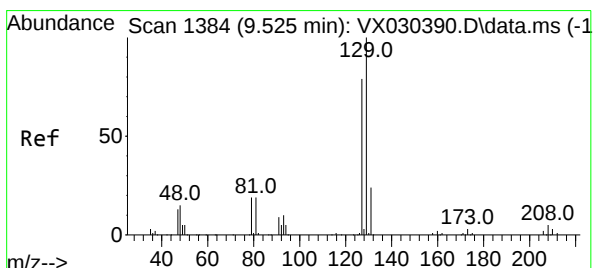
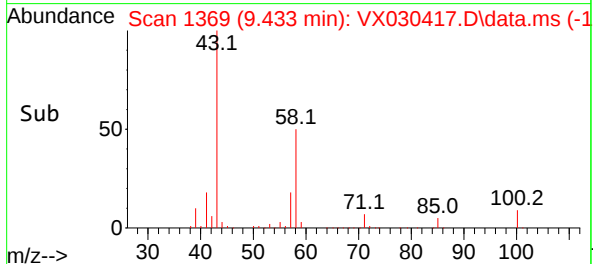
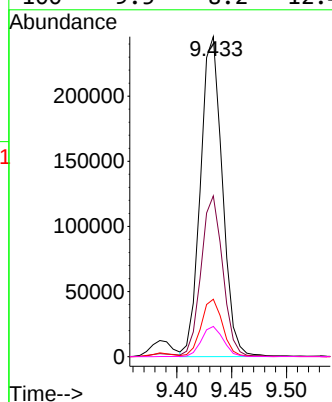
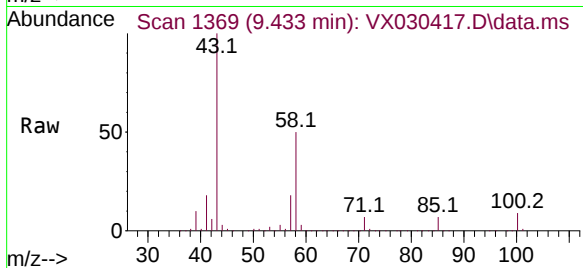
Ion Ratio Lower Upper

43 100

58 49.4 40.4 60.6

57 17.6 14.6 22.0

100 9.5 8.2 12.4



#49

Dibromochloromethane

Concen: 47.629 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX030417.D

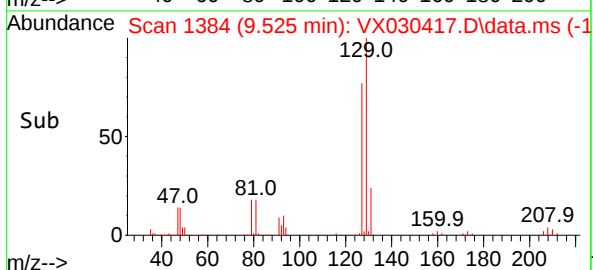
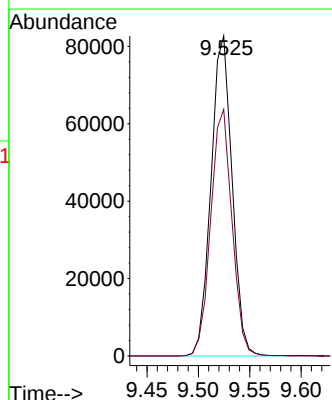
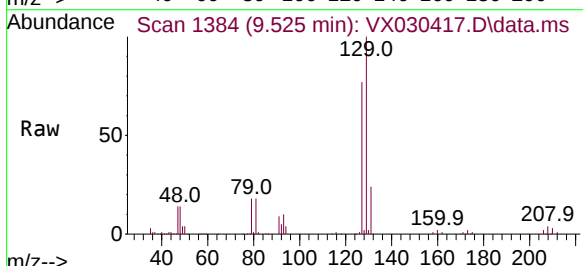
Acq: 05 Aug 2022 08:50

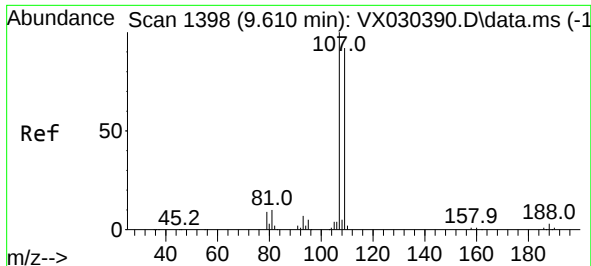
Tgt Ion:129 Resp: 117793

Ion Ratio Lower Upper

129 100

127 77.1 55.6 103.2

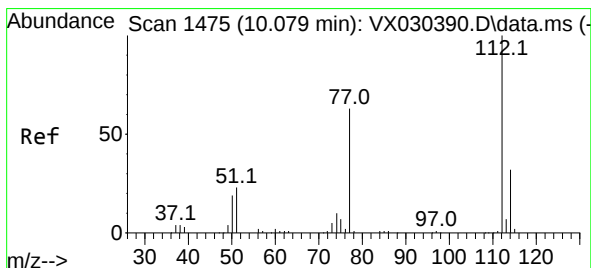
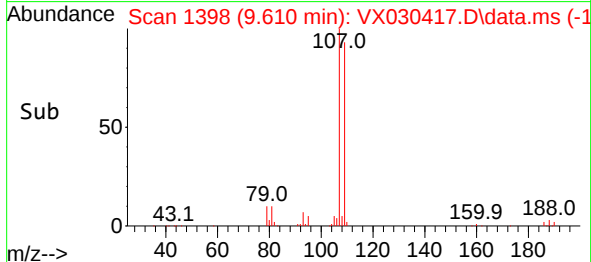
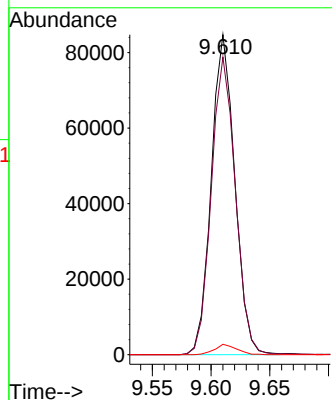
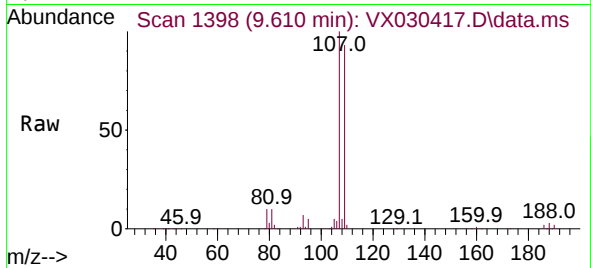




#50
1,2-Dibromoethane
Concen: 46.106 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

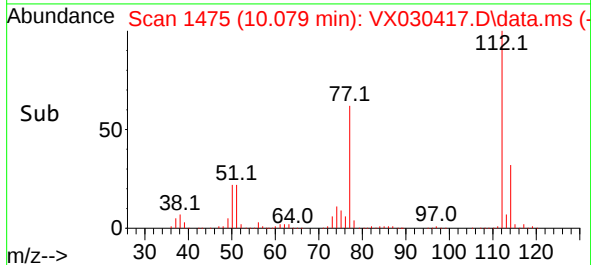
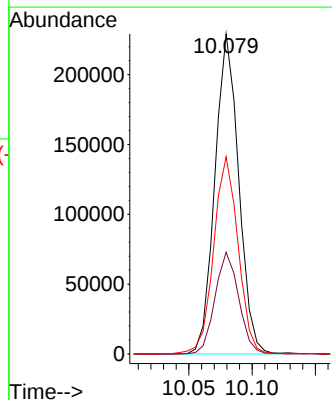
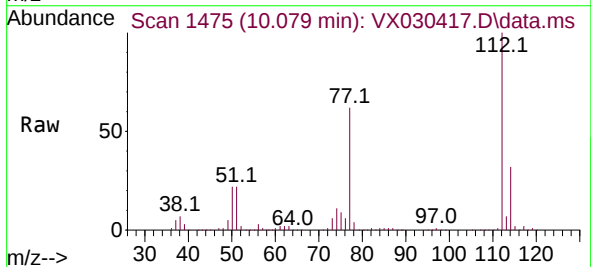
Instrument :
MSVOA_X
ClientSampleId :

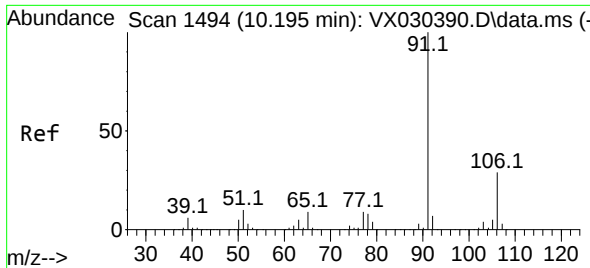
Tgt Ion:107 Resp: 117867
Ion Ratio Lower Upper
107 100
109 93.0 64.8 120.4
188 3.3 2.2 3.2#



#51
Chlorobenzene
Concen: 48.398 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion:112 Resp: 299496
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 61.6 50.8 76.2

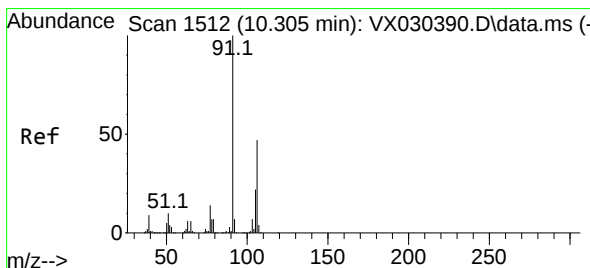
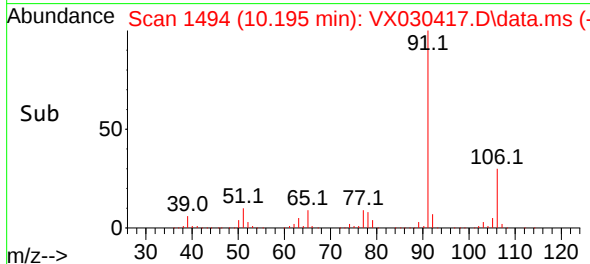
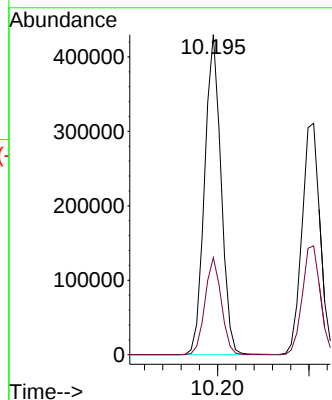
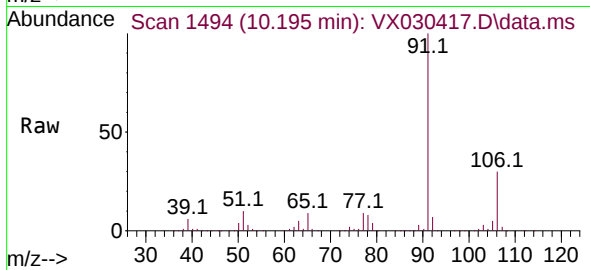




#52
Ethylbenzene
Concen: 49.289 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

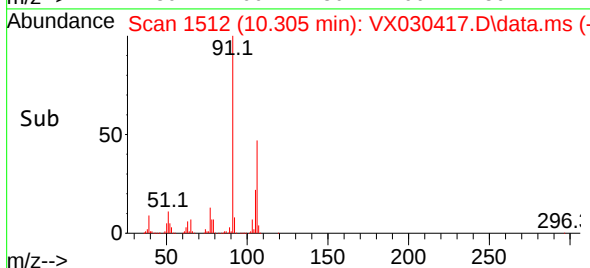
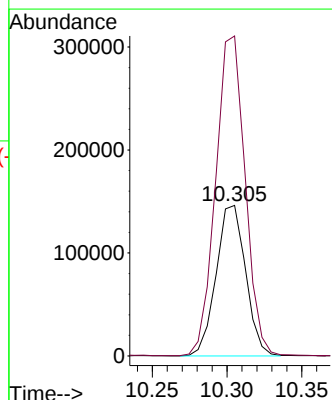
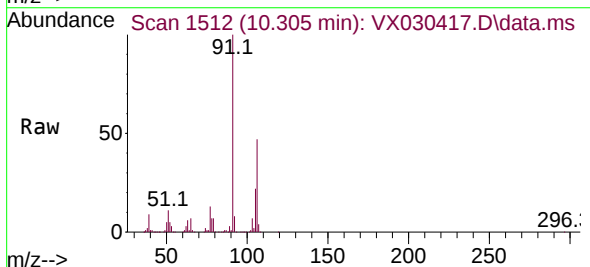
Instrument :
MSVOA_X
ClientSampleId :

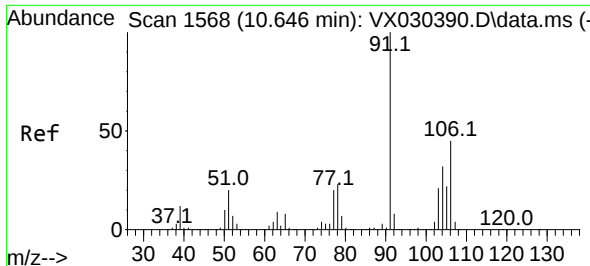
Tgt Ion: 91 Resp: 533818
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 49.622 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion: 106 Resp: 200315
Ion Ratio Lower Upper
106 100
91 212.6 147.8 274.6

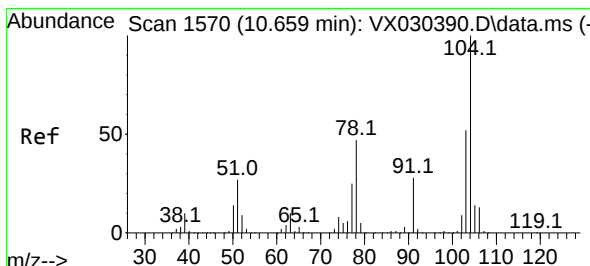
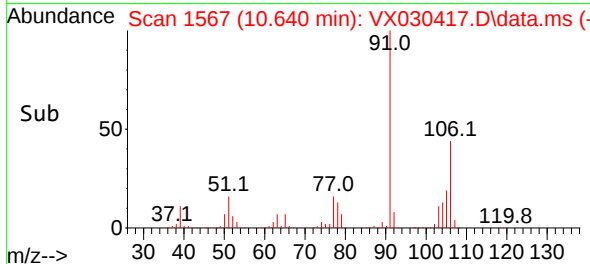
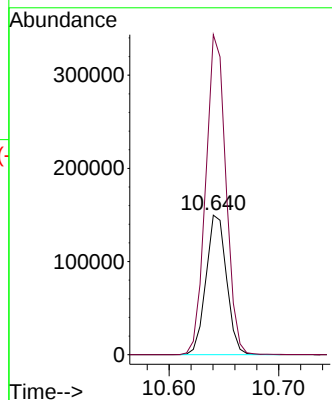
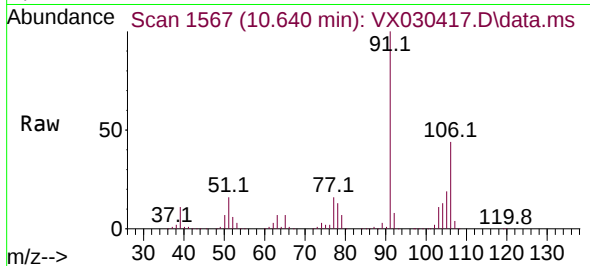




#54
o-Xylene
Concen: 48.485 ug/L
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

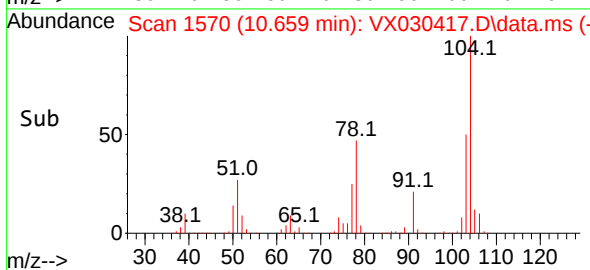
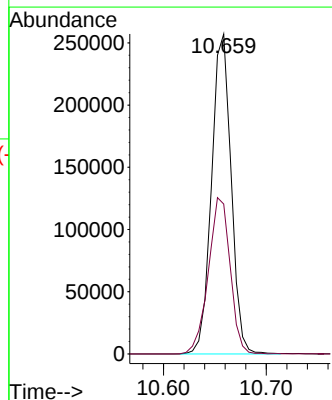
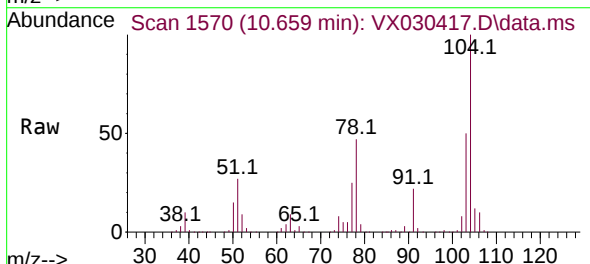
Instrument :
MSVOA_X
ClientSampleId :

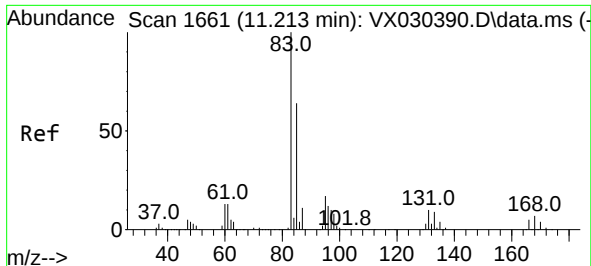
Tgt Ion:106 Resp: 195034
Ion Ratio Lower Upper
106 100
91 229.5 157.8 293.0



#55
Styrene
Concen: 50.154 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion:104 Resp: 339696
Ion Ratio Lower Upper
104 100
78 46.9 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 49.213 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

ClientSampleId :

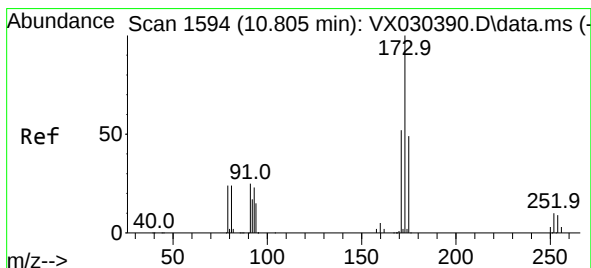
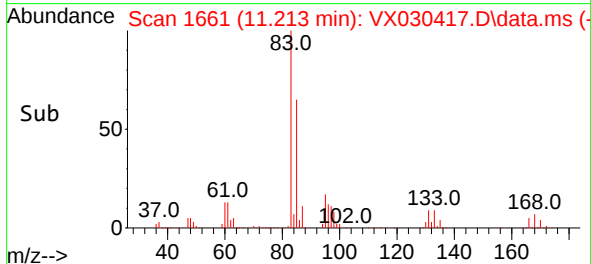
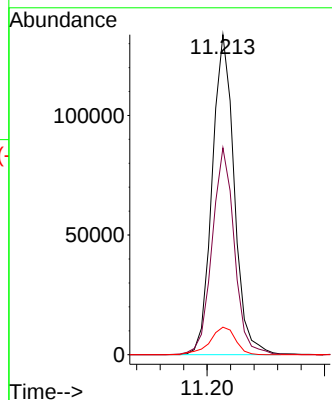
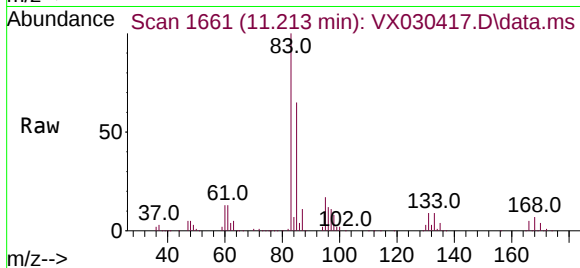
Tgt Ion: 83 Resp: 174073

Ion Ratio Lower Upper

83 100

85 64.6 44.4 82.4

131 8.6 7.5 11.3



#59

Bromoform

Concen: 48.330 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

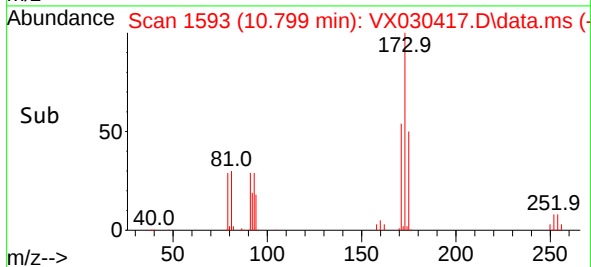
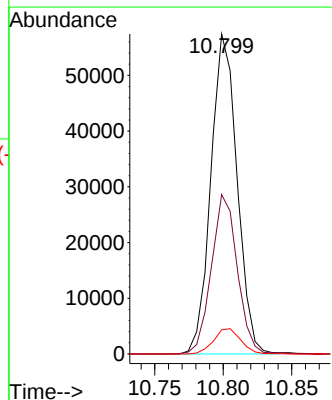
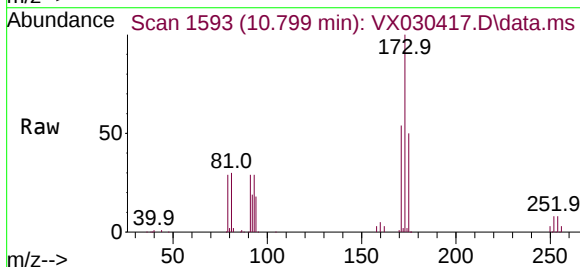
Tgt Ion:173 Resp: 76412

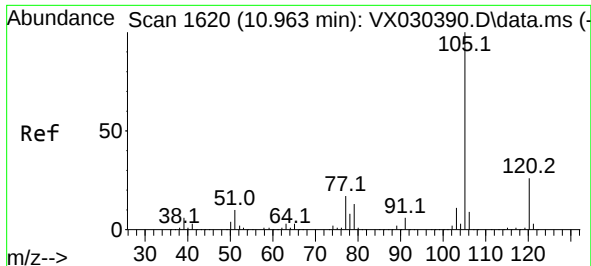
Ion Ratio Lower Upper

173 100

175 49.1 38.9 58.3

254 8.2 7.0 10.4

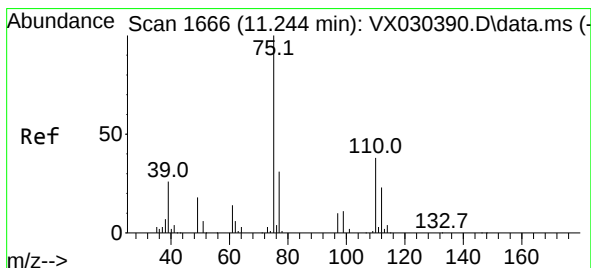
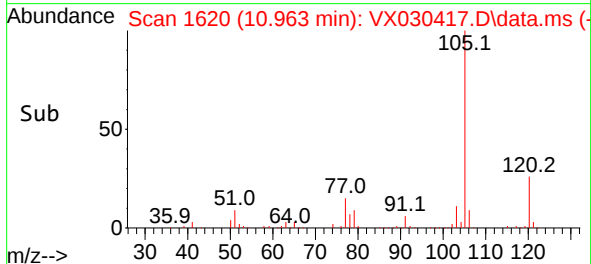
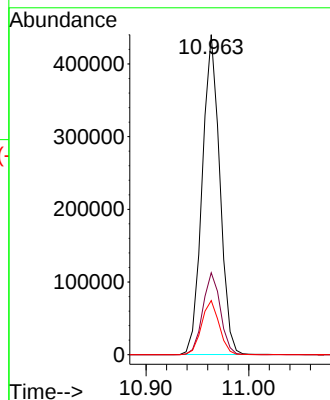
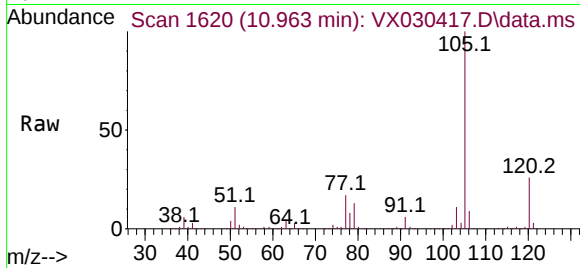




#60
Isopropylbenzene
Concen: 50.792 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

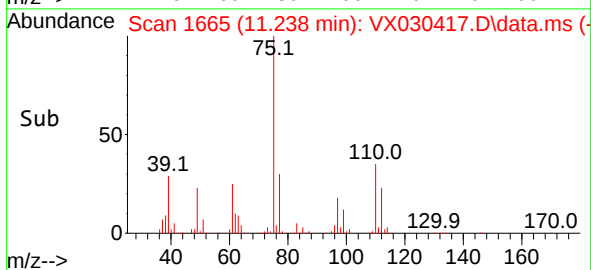
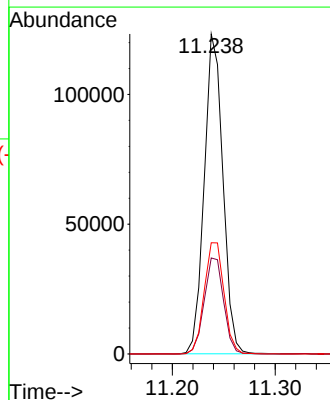
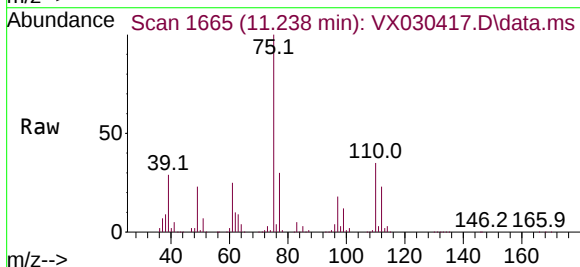
Instrument :
MSVOA_X
ClientSampleId :

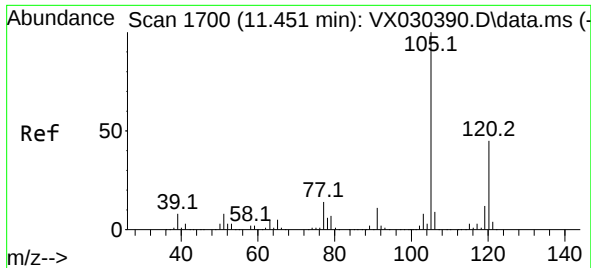
Tgt Ion:105 Resp: 522713
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 17.0 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 50.026 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion: 75 Resp: 155978
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
110 36.8 30.5 45.7

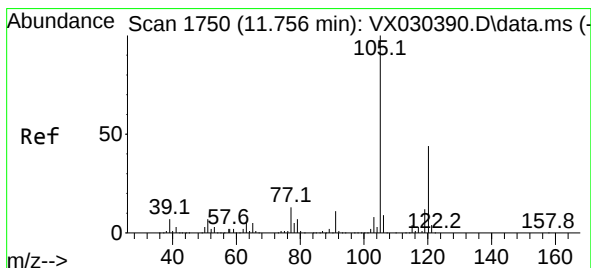
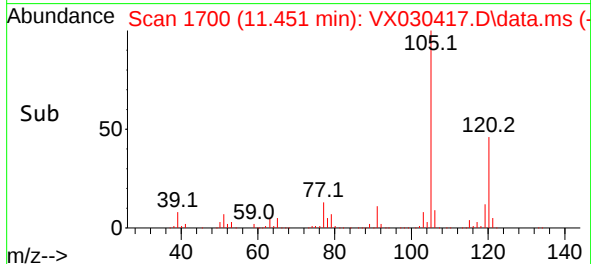
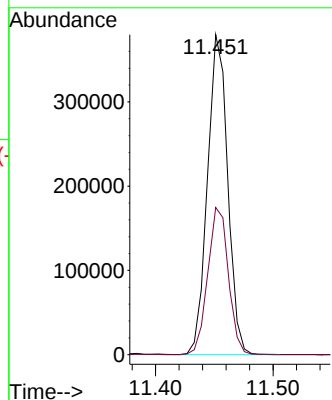
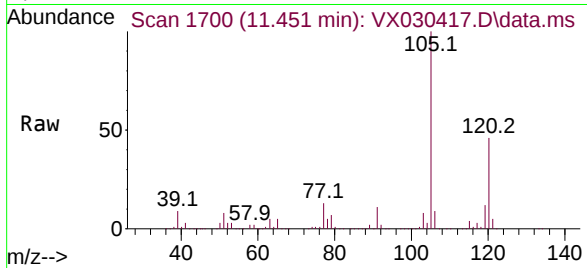




#62
 1,3,5-Trimethylbenzene
 Concen: 51.751 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX030417.D
 Acq: 05 Aug 2022 08:50

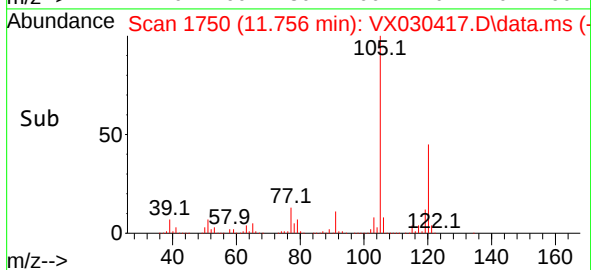
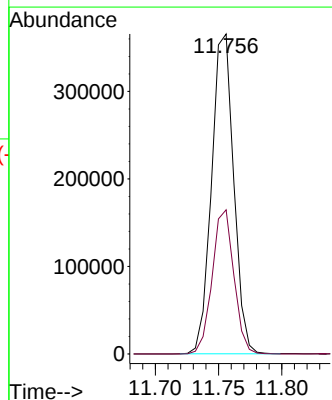
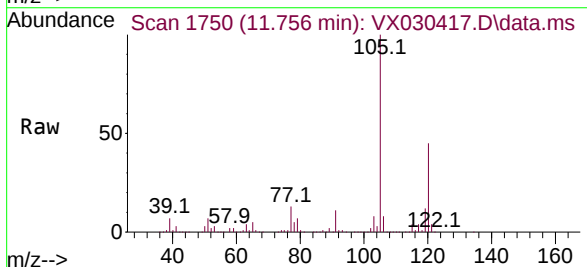
Instrument :
 MSVOA_X
 ClientSampleId :

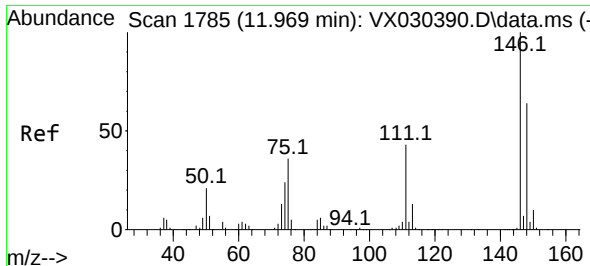
Tgt Ion:105 Resp: 454688
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 50.158 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030417.D
 Acq: 05 Aug 2022 08:50

Tgt Ion:105 Resp: 445049
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.9 53.9

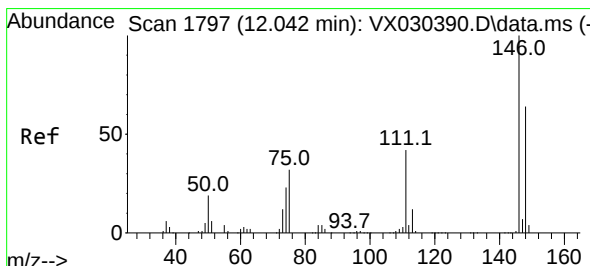
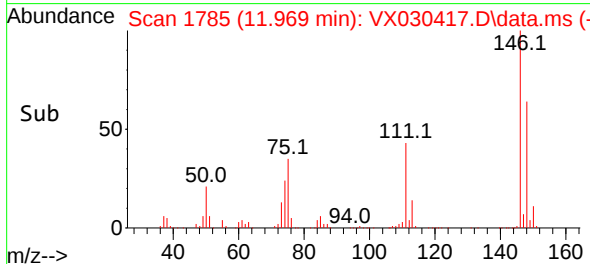
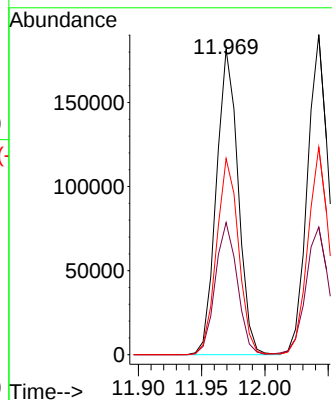
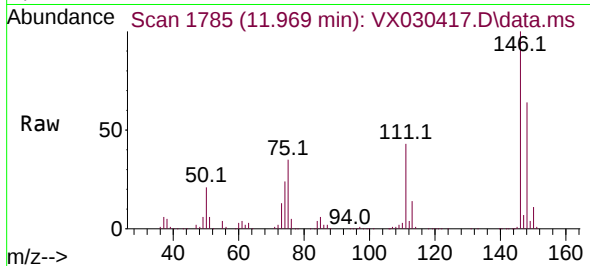




#64
1,3-Dichlorobenzene
Concen: 48.607 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

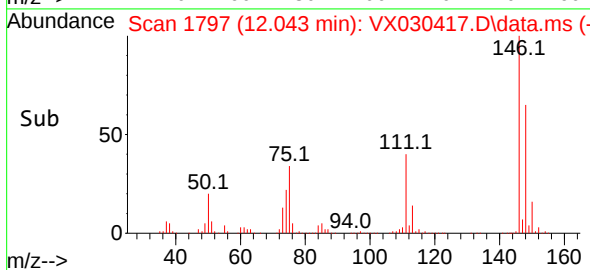
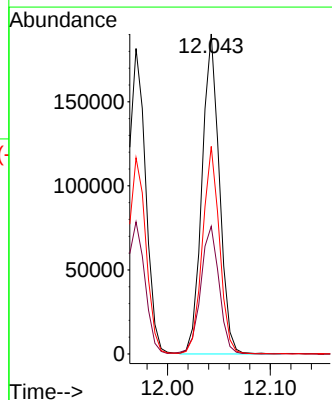
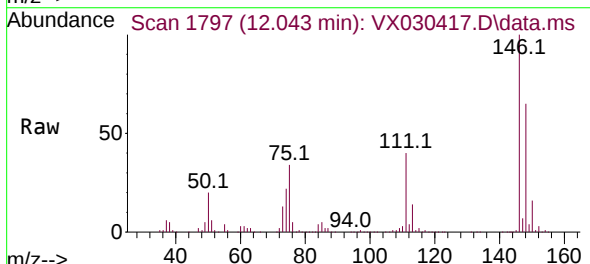
Instrument :
MSVOA_X
ClientSampleId :

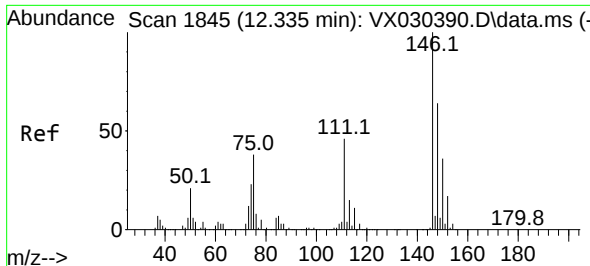
Tgt Ion:146 Resp: 217453
Ion Ratio Lower Upper
146 100
111 43.3 30.9 57.5
148 64.2 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 49.242 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion:146 Resp: 223943
Ion Ratio Lower Upper
146 100
111 39.9 32.6 60.6
148 64.8 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 46.769 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

ClientSampleId :

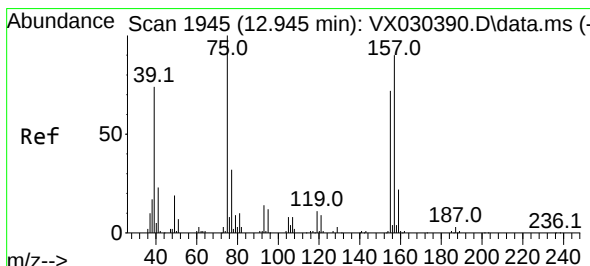
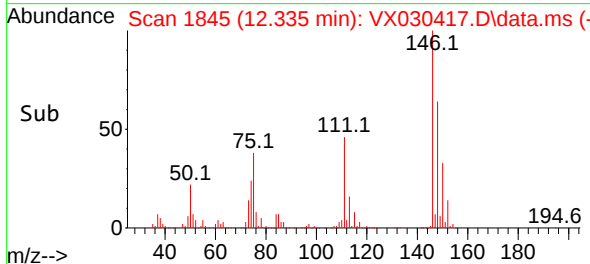
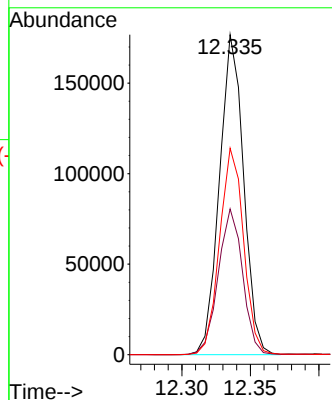
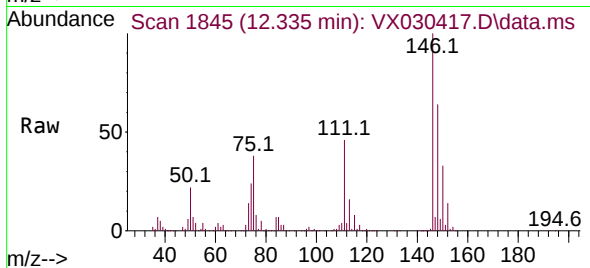
Tgt Ion:146 Resp: 216367

Ion Ratio Lower Upper

146 100

111 45.6 36.9 55.3

148 64.5 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 44.358 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

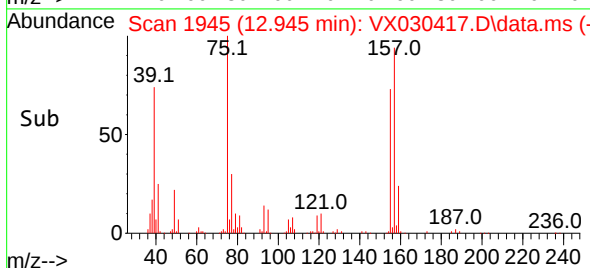
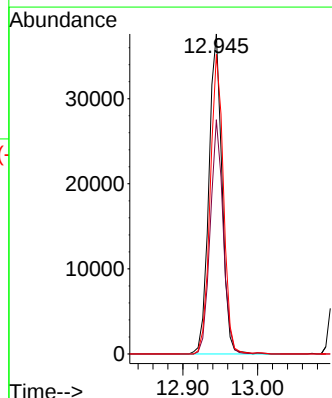
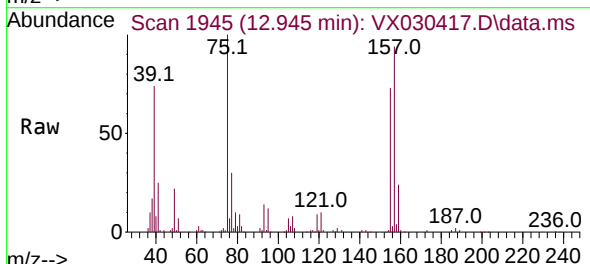
Tgt Ion: 75 Resp: 45623

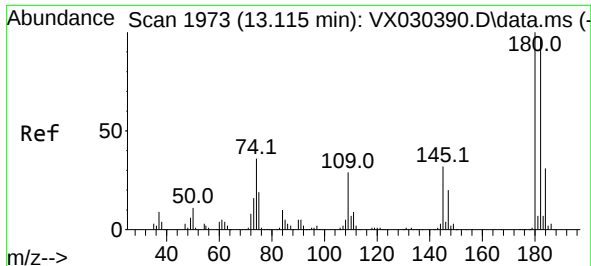
Ion Ratio Lower Upper

75 100

155 73.2 57.1 85.7

157 93.6 73.1 109.7





#69

1,3,5-Trichlorobenzene

Concen: 48.124 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

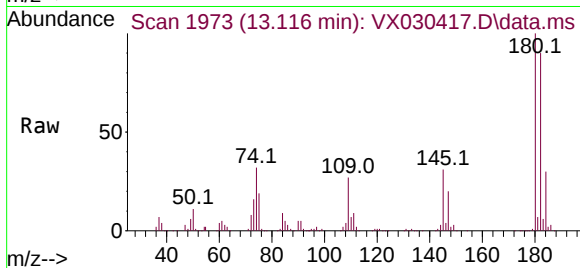
Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 150979

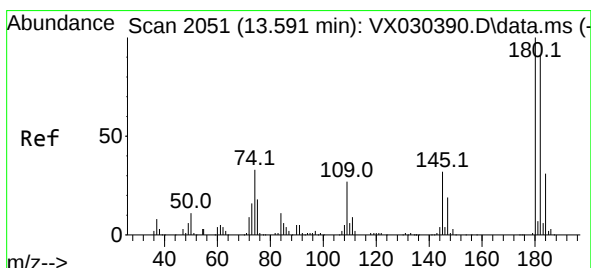
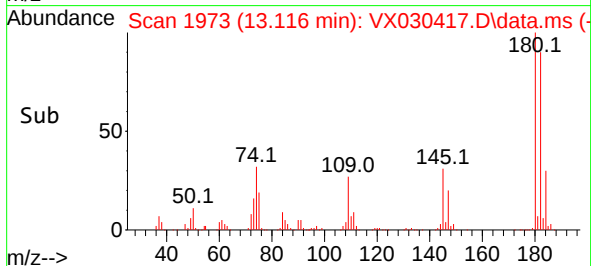
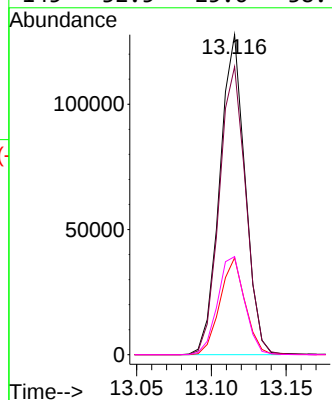
Ion Ratio Lower Upper

180 100

182 93.6 73.7 110.5

184 30.0 24.1 36.1

145 32.5 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 49.013 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030417.D

Acq: 05 Aug 2022 08:50

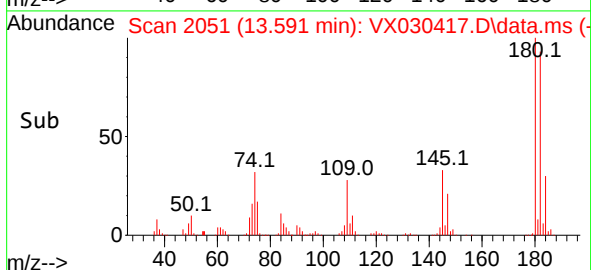
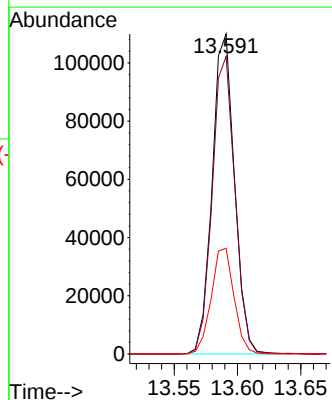
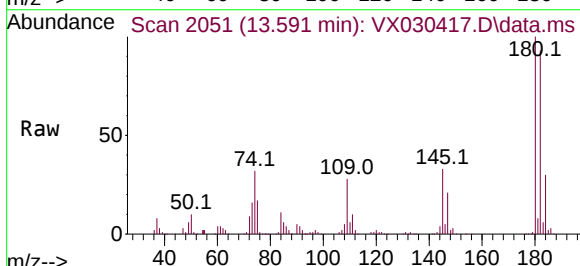
Tgt Ion:180 Resp: 135045

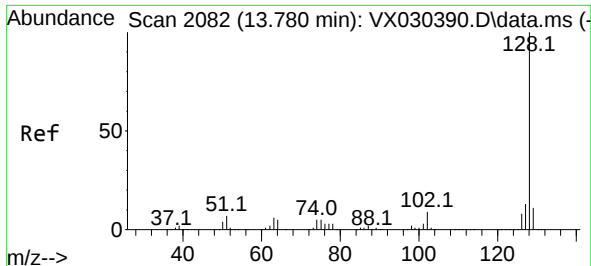
Ion Ratio Lower Upper

180 100

182 93.8 72.7 109.1

145 33.7 26.6 40.0

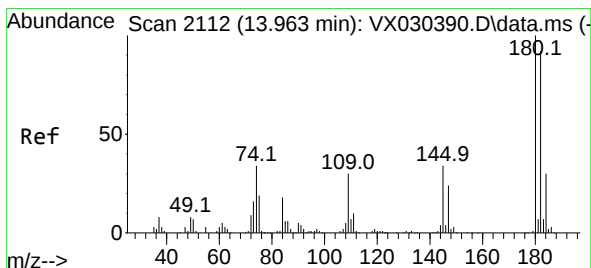
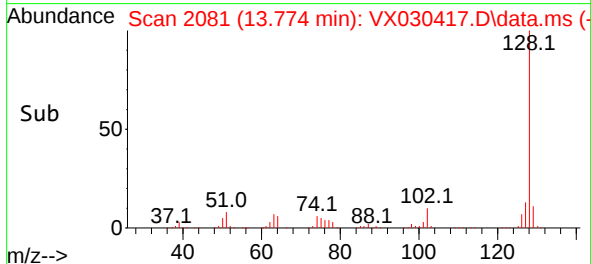
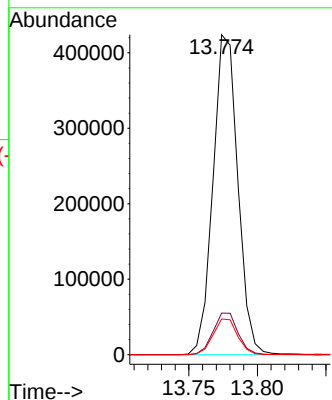
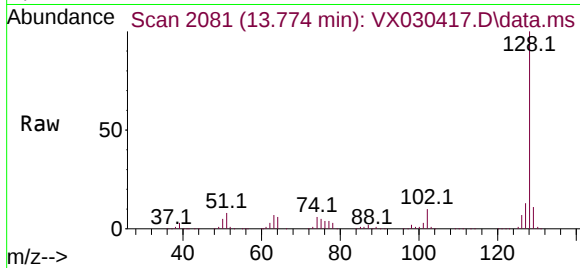




#71
Naphthalene
Concen: 46.715 ug/L
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 532801
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 47.867 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030417.D
Acq: 05 Aug 2022 08:50

Tgt Ion:180 Resp: 139315
Ion Ratio Lower Upper
180 100
182 92.7 74.6 112.0
145 34.2 28.4 42.6

