

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030674.D
 Acq On : 17 Aug 2022 20:42
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 04:26:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	331908	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	304043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	155620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	106710	50.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.120%	
7) Chloroethane-d5	1.666	69	83278	55.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 110.840%	
11) 1,1-Dichloroethene-d2	2.306	63	214584	53.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.440%	
21) 2-Butanone-d5	4.465	46	197242	99.874	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 99.870%	
24) Chloroform-d	5.062	84	231464	52.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.500%	
26) 1,2-Dichloroethane-d4	5.964	65	143701	48.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.460%	
32) Benzene-d6	5.976	84	463045	53.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.340%	
36) 1,2-Dichloropropane-d6	7.312	67	154191	54.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.140%	
41) Toluene-d8	8.653	98	428379	52.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.360%	
43) trans-1,3-Dichloroprop...	8.952	79	64060	45.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 91.140%	
47) 2-Hexanone-d5	9.384	63	148477	103.088	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 103.090%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	204472	55.084	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.160%	
66) 1,2-Dichlorobenzene-d4	12.323	152	158183	52.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	109903	44.005	ug/L	98
3) Chloromethane	1.288	50	105438	49.097	ug/L	98
5) Vinyl chloride	1.374	62	113491	49.475	ug/L	98
6) Bromomethane	1.605	94	40065	37.167	ug/L	95
8) Chloroethane	1.685	64	68430	52.372	ug/L	100
9) Trichlorofluoromethane	1.886	101	166171	49.015	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	115374	57.217	ug/L	98
12) 1,1-Dichloroethene	2.319	96	106151	57.141	ug/L	75
13) Acetone	2.386	43	127675	88.210	ug/L	92
14) Carbon disulfide	2.514	76	229475	38.112	ug/L	99
15) Methyl Acetate	2.709	43	153045	51.085	ug/L	97
16) Methylene chloride	2.794	84	127704	54.213	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	109092	50.688	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	390832	53.399	ug/L	96
19) 1,1-Dichloroethane	3.617	63	223595	53.715	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	134854	55.701	ug/L	93
22) 2-Butanone	4.568	43	217069	95.068	ug/L	94
23) Bromochloromethane	4.903	128	66878	55.084	ug/L	99
25) Chloroform	5.099	83	237657	54.339	ug/L	98

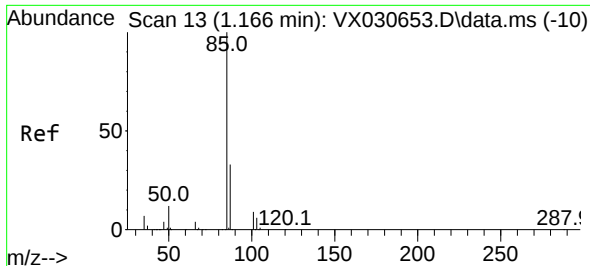
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	174622	47.971	ug/L	96
29) Cyclohexane	5.477	56	186115	46.045	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	191950	47.862	ug/L	97
31) Carbon tetrachloride	5.684	117	157169	47.482	ug/L	98
33) Benzene	6.044	78	508919	52.206	ug/L	100
34) Trichloroethene	7.129	95	136477	48.339	ug/L	89
35) Methylcyclohexane	7.385	83	190043	46.237	ug/L	97
37) 1,2-Dichloropropane	7.434	63	139383	53.776	ug/L	100
38) Bromodichloromethane	7.824	83	169665	49.460	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	192213	49.713	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	431904	95.688	ug/L	96
42) Toluene	8.720	91	534656	51.919	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	184114	48.651	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	134328	55.735	ug/L	99
46) Tetrachloroethene	9.281	164	87527	49.053	ug/L	96
48) 2-Hexanone	9.433	43	331697	94.582	ug/L	95
49) Dibromochloromethane	9.525	129	127046	49.549	ug/L	97
50) 1,2-Dibromoethane	9.610	107	135083	50.967	ug/L	99
51) Chlorobenzene	10.079	112	341725	53.264	ug/L	98
52) Ethylbenzene	10.195	91	586109	52.198	ug/L	98
53) m,p-Xylene	10.305	106	220725	52.740	ug/L	95
54) o-Xylene	10.646	106	221881	53.204	ug/L	92
55) Styrene	10.659	104	384475	54.753	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	210689	57.453	ug/L	98
59) Bromoform	10.799	173	80578	47.548	ug/L	99
60) Isopropylbenzene	10.963	105	578570	52.451	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	179053	53.576	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	495815	52.649	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	496473	52.203	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	252284	52.612	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	253210	51.945	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	264147	53.269	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	50316	45.641	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	169632	50.444	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	151247	51.213	ug/L	99
71) Naphthalene	13.780	128	641169	52.448	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	161438	51.750	ug/L	99

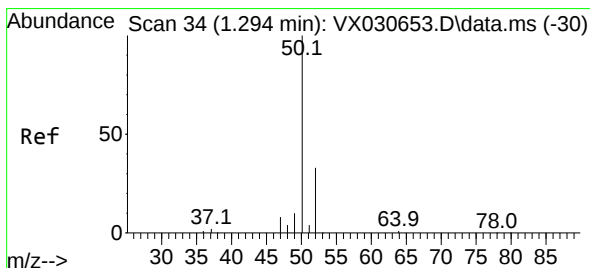
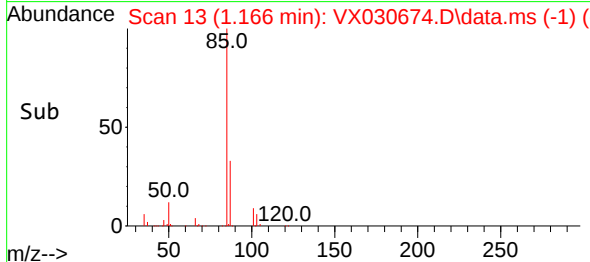
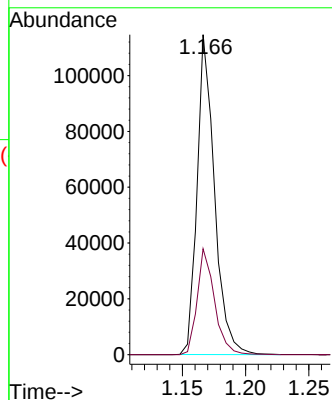
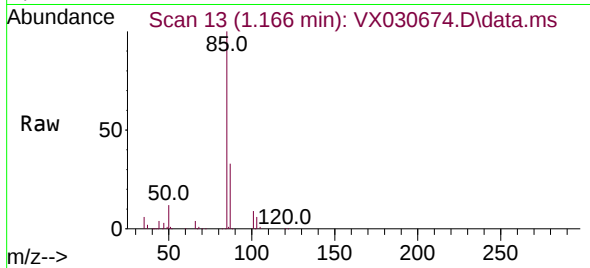
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 44.005 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030674.D
 Acq: 17 Aug 2022 20:42

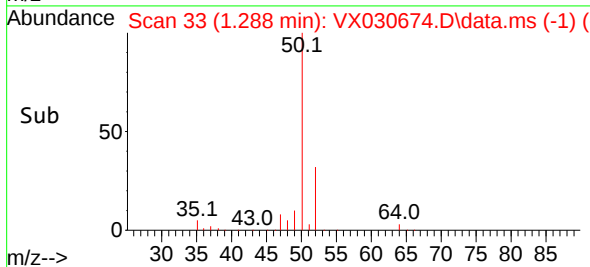
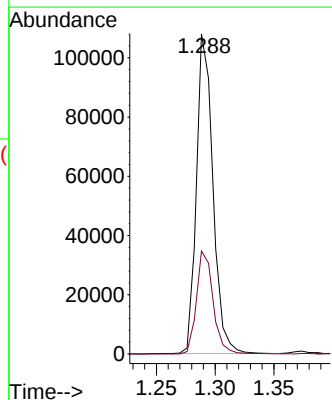
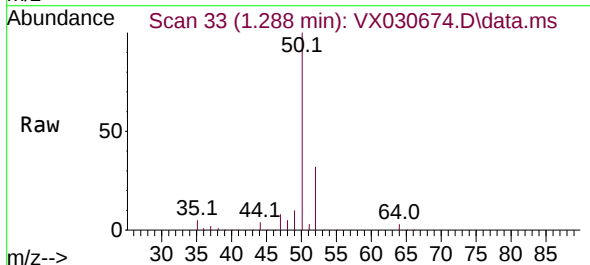
Instrument :
 MSVOA_X
 ClientSampleId :

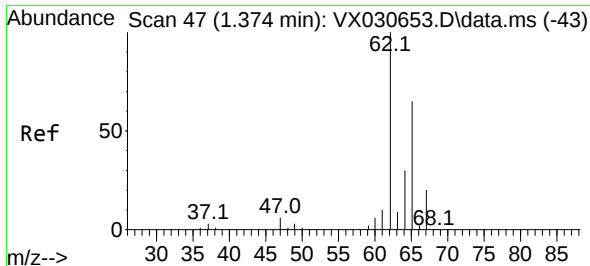
Tgt Ion: 85 Resp: 109903
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.6 38.4



#3
 Chloromethane
 Concen: 49.097 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030674.D
 Acq: 17 Aug 2022 20:42

Tgt Ion: 50 Resp: 105438
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.3 43.3

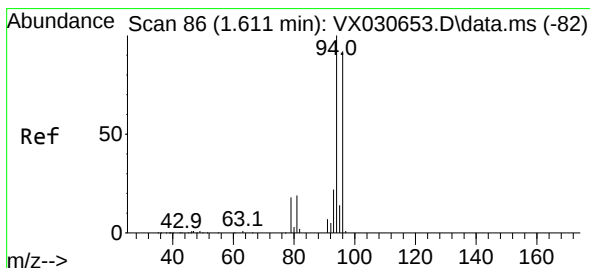
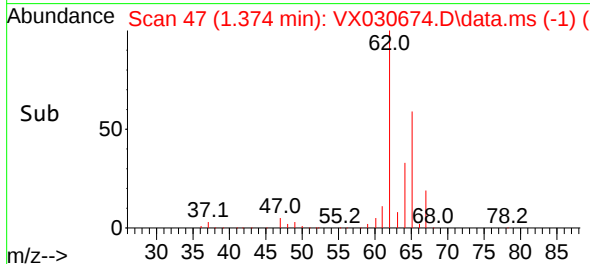
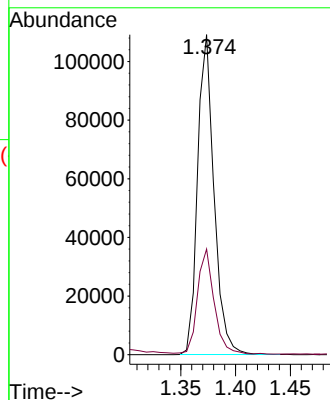
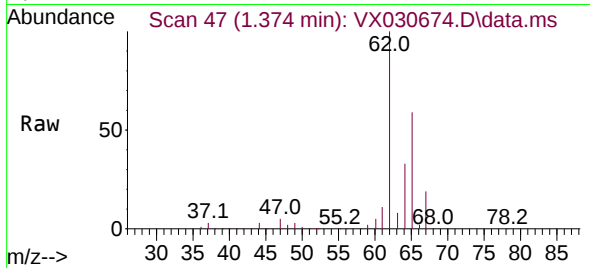




#5
 Vinyl chloride
 Concen: 49.475 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030674.D
 Acq: 17 Aug 2022 20:42

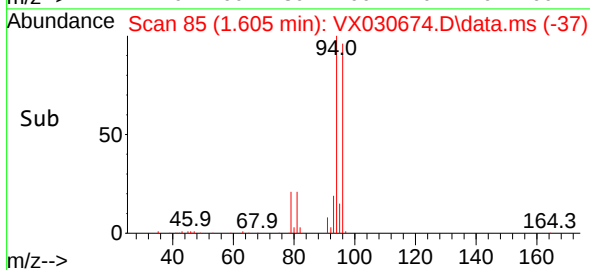
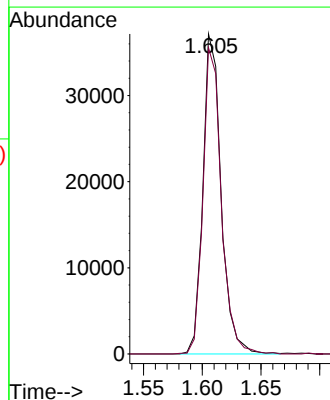
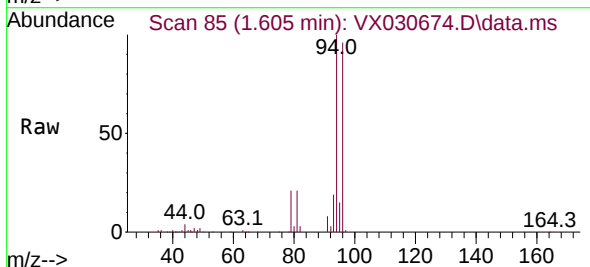
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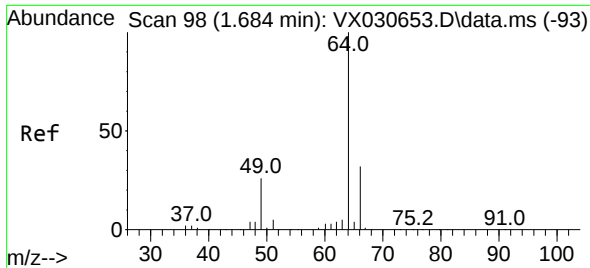
Tgt Ion: 62 Resp: 113491
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.8 44.2



#6
 Bromomethane
 Concen: 37.167 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030674.D
 Acq: 17 Aug 2022 20:42

Tgt Ion: 94 Resp: 40065
 Ion Ratio Lower Upper
 94 100
 96 95.7 63.8 118.6

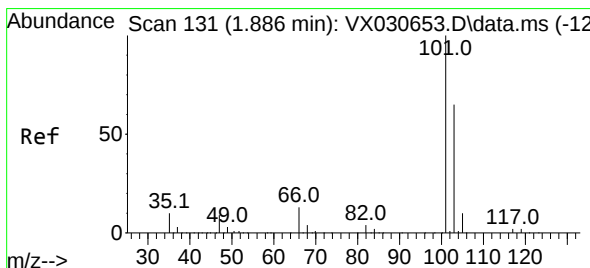
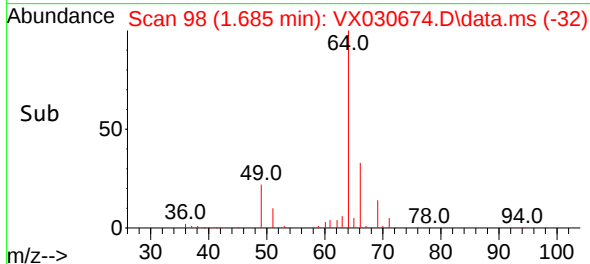
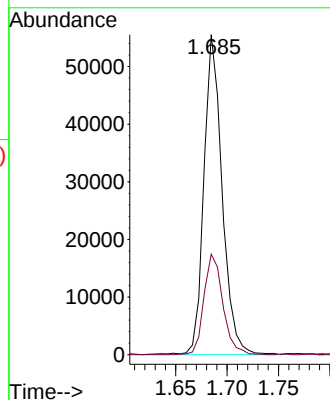
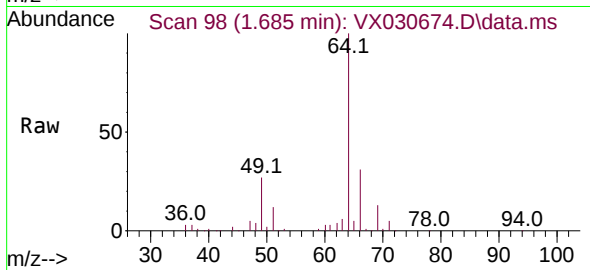




#8
Chloroethane
Concen: 52.372 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

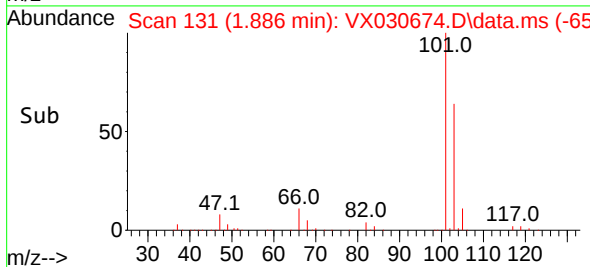
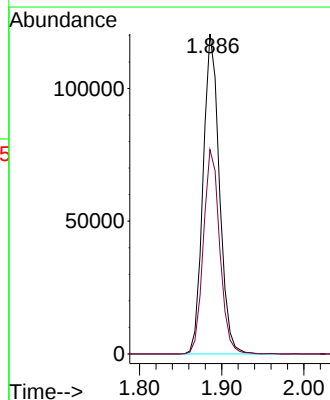
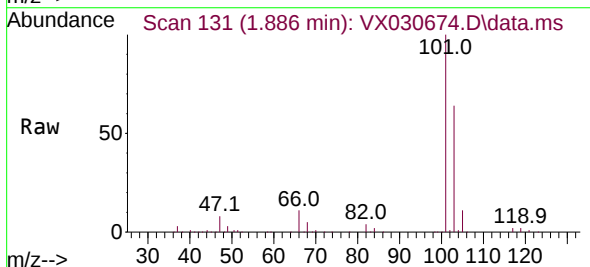
Instrument :
MSVOA_X
ClientSampleId :

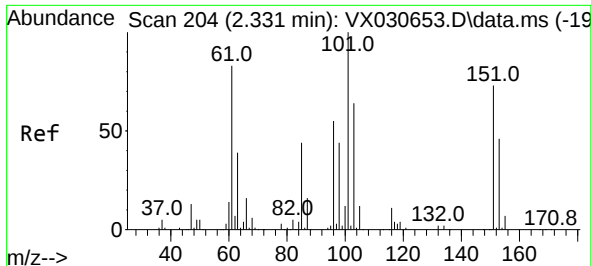
Tgt Ion: 64 Resp: 68430
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 49.015 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Tgt Ion:101 Resp: 166171
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

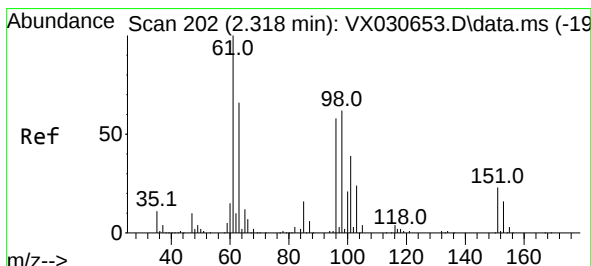
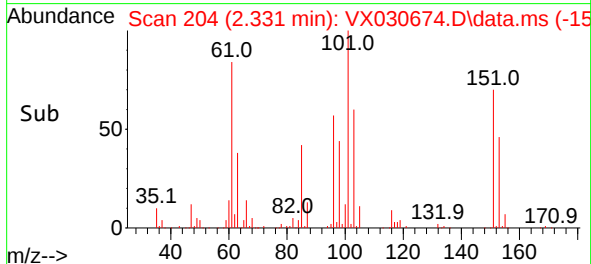
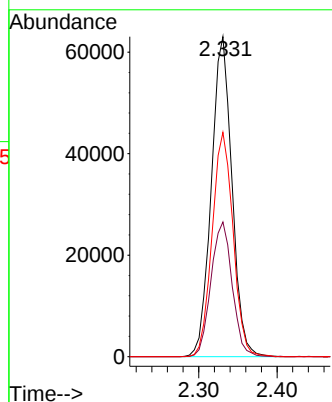
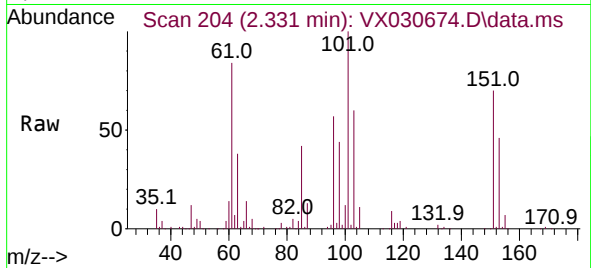




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 57.217 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX030674.D
 Acq: 17 Aug 2022 20:42

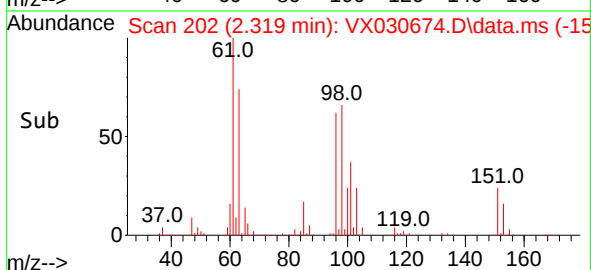
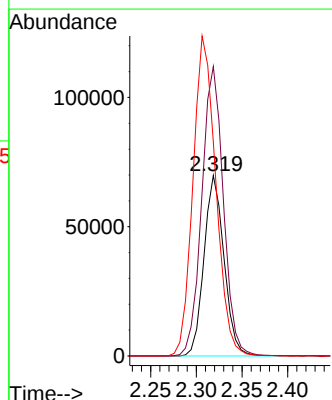
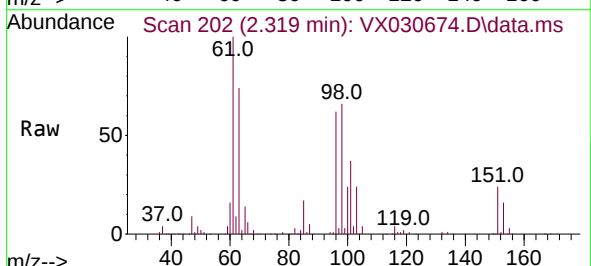
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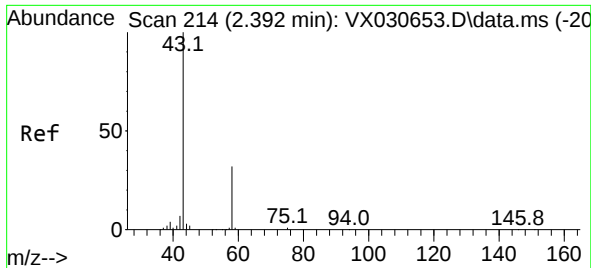
Tgt Ion:101 Resp: 115374
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.3 52.9
 151 71.3 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 57.141 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030674.D
 Acq: 17 Aug 2022 20:42

Tgt Ion: 96 Resp: 106151
 Ion Ratio Lower Upper
 96 100
 61 160.3 130.2 241.8
 63 118.6 113.5 210.9

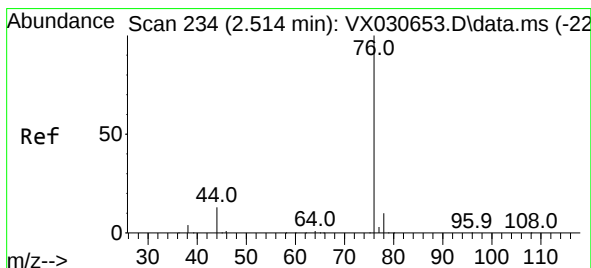
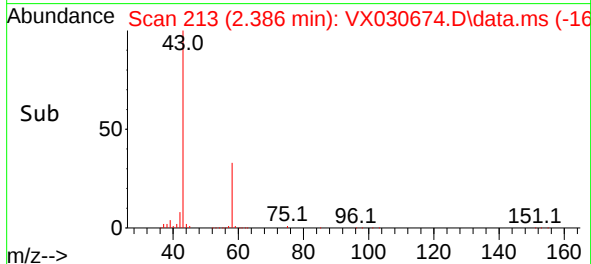
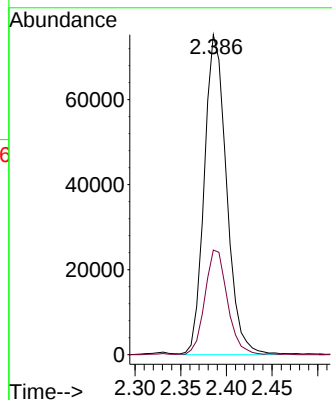
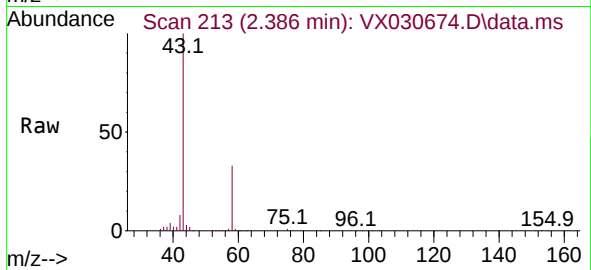




#13
Acetone
Concen: 88.210 ug/L
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

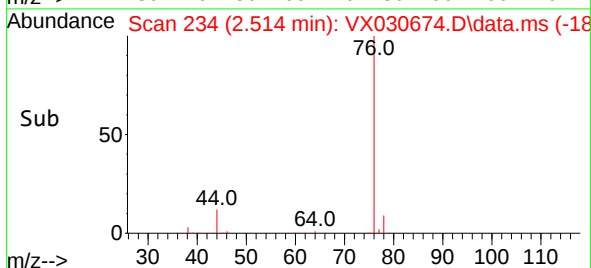
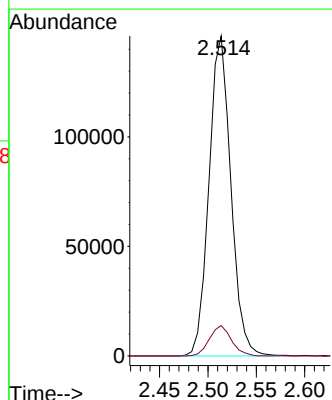
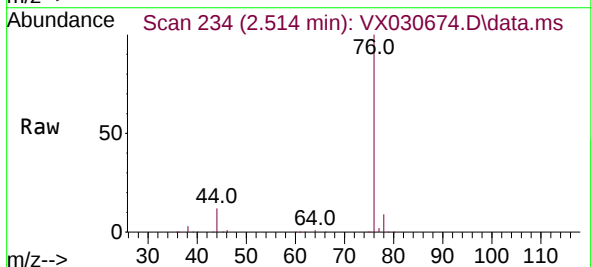
Instrument :
MSVOA_X
ClientSampleId :

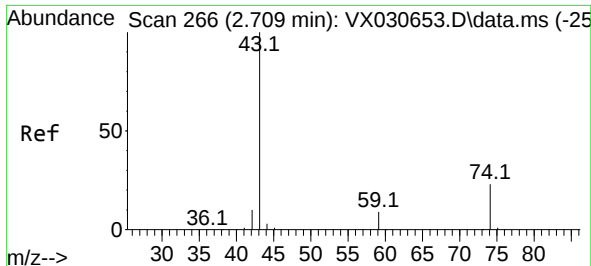
Tgt Ion: 43 Resp: 127675
Ion Ratio Lower Upper
43 100
58 33.1 0.0 57.8



#14
Carbon disulfide
Concen: 38.112 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Tgt Ion: 76 Resp: 229475
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

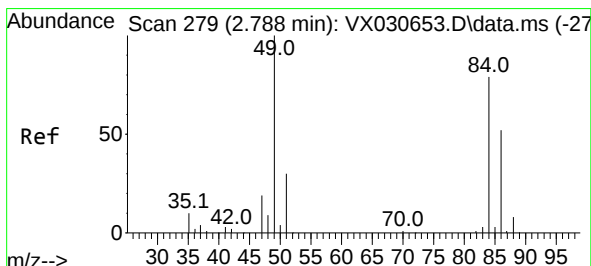
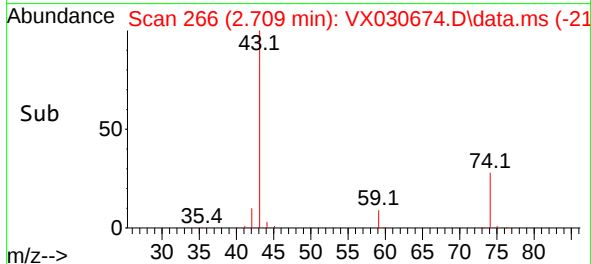
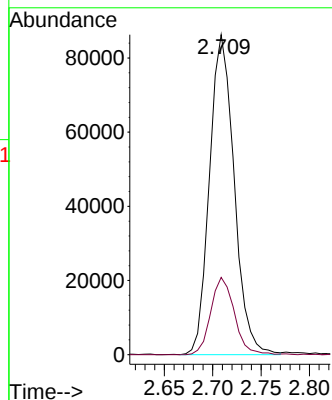
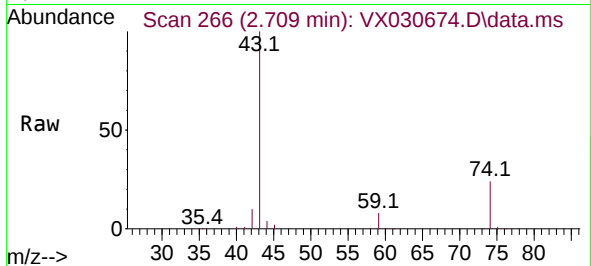




#15
Methyl Acetate
Concen: 51.085 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

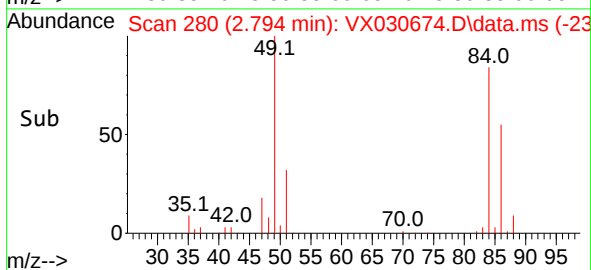
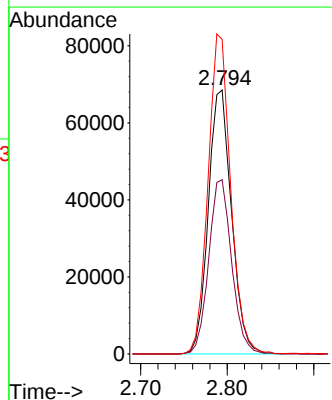
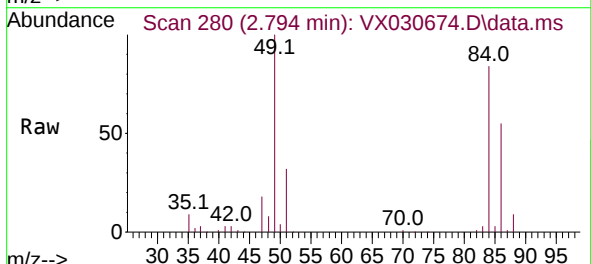
Instrument :
MSVOA_X
ClientSampleId :

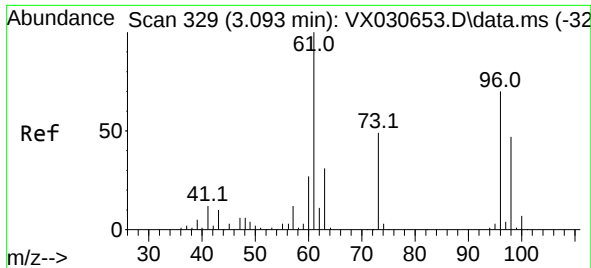
Tgt Ion: 43 Resp: 153045
Ion Ratio Lower Upper
43 100
74 23.0 17.2 25.8



#16
Methylene chloride
Concen: 54.213 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

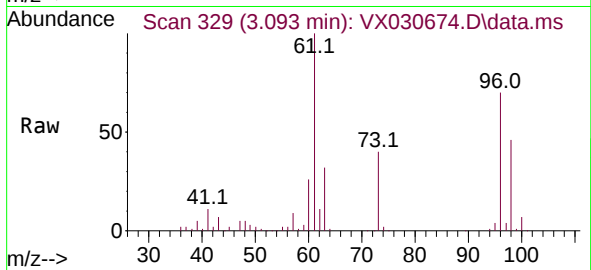
Tgt Ion: 84 Resp: 127704
Ion Ratio Lower Upper
84 100
86 66.0 44.2 82.2
49 119.1 89.0 165.2



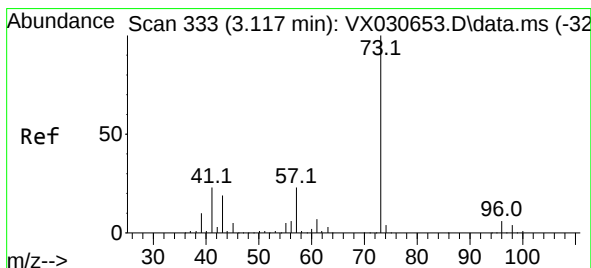
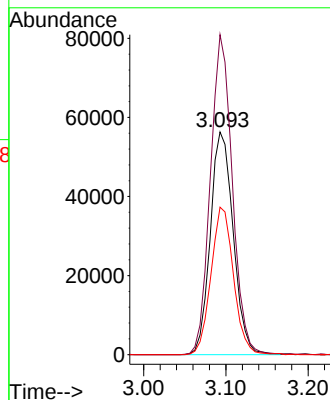
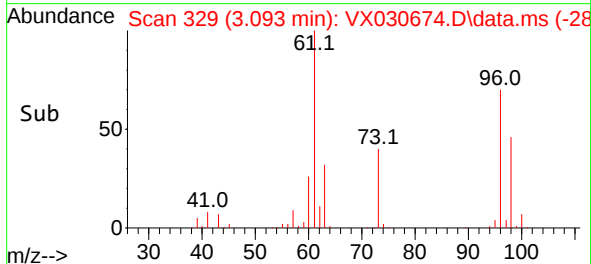


#17
trans-1,2-Dichloroethene
Concen: 50.688 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

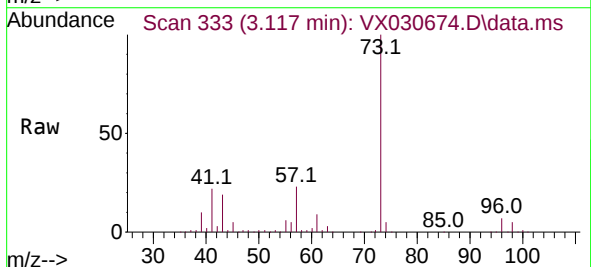
Instrument :
MSVOA_X
ClientSampleId :



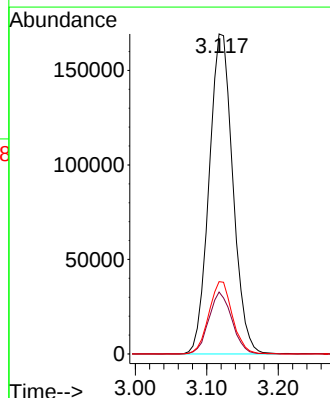
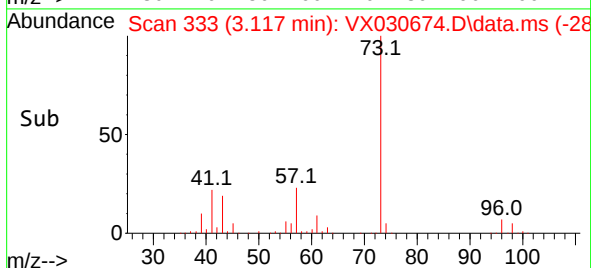
Tgt Ion: 96 Resp: 109092
Ion Ratio Lower Upper
96 100
61 143.6 103.7 192.5
98 66.2 41.5 77.1

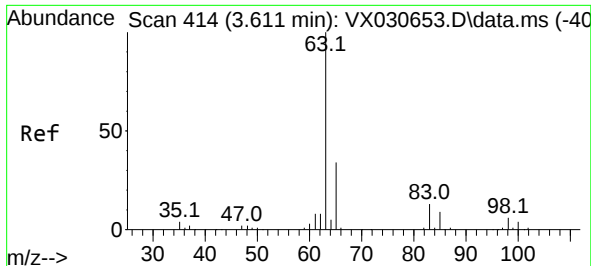


#18
Methyl tert-butyl Ether
Concen: 53.399 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42



Tgt Ion: 73 Resp: 390832
Ion Ratio Lower Upper
73 100
43 18.9 17.6 26.4
57 22.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 53.715 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

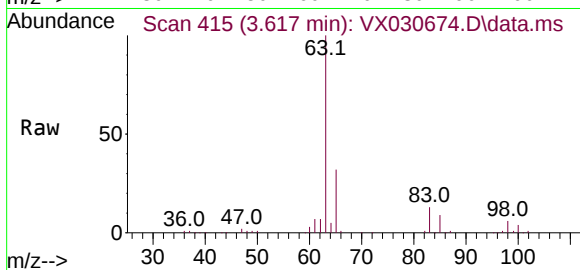
Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

ClientSampleId :



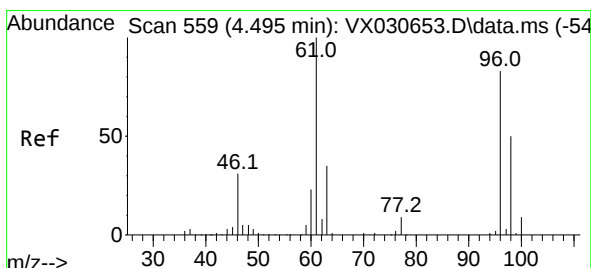
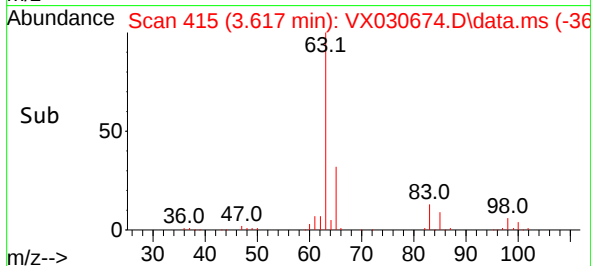
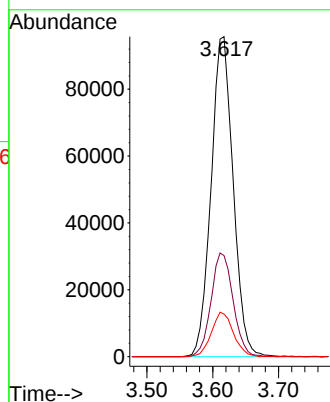
Tgt Ion: 63 Resp: 223595

Ion Ratio Lower Upper

63 100

65 31.6 22.0 40.8

83 13.3 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 55.701 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

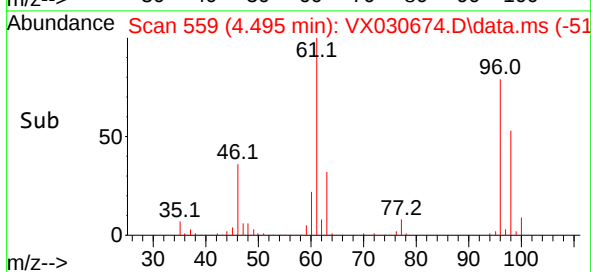
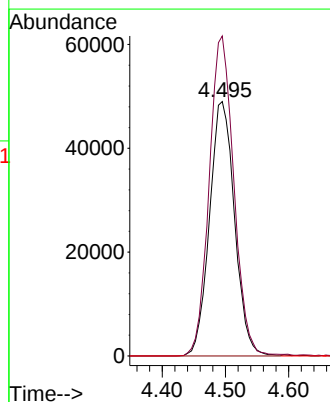
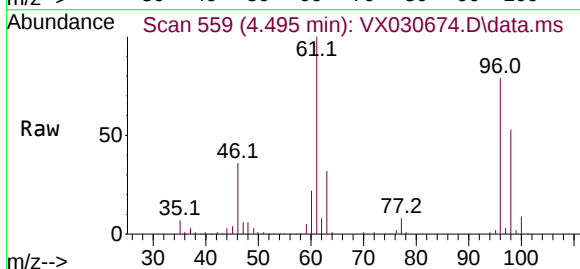
Tgt Ion: 96 Resp: 134854

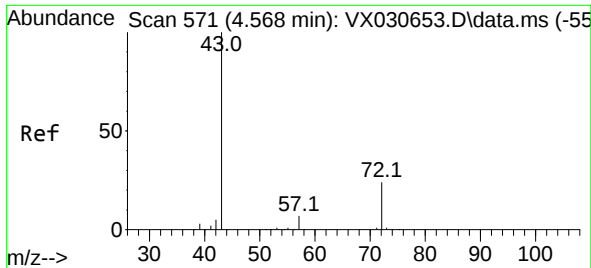
Ion Ratio Lower Upper

96 100

61 125.8 94.0 174.6

68 0.0 0.0 0.0

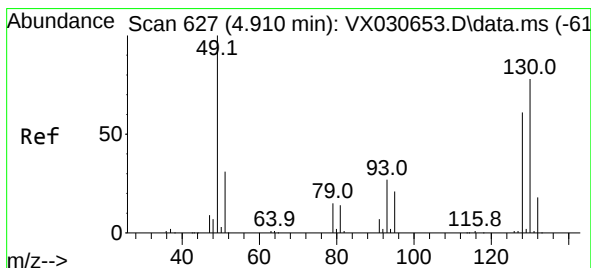
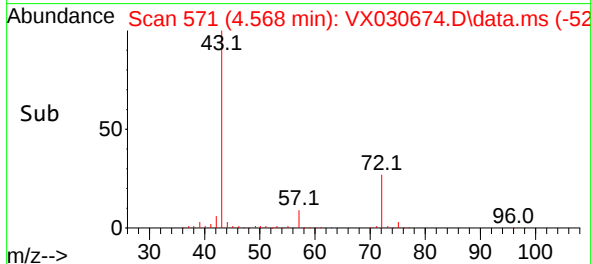
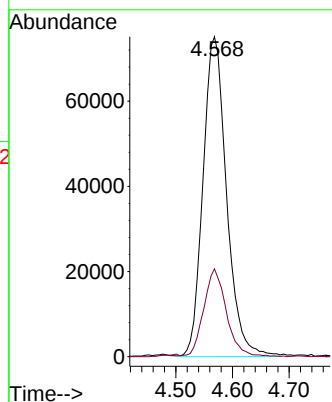
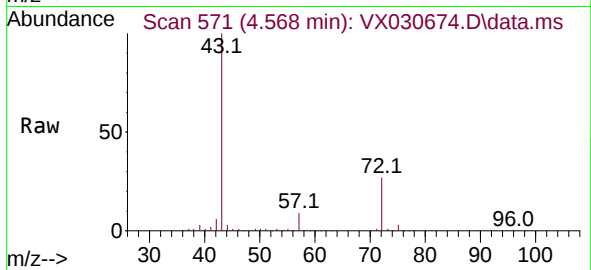




#22
2-Butanone
Concen: 95.068 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

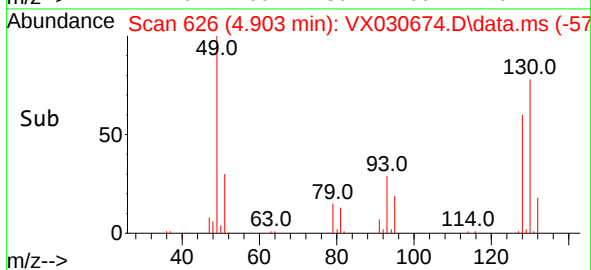
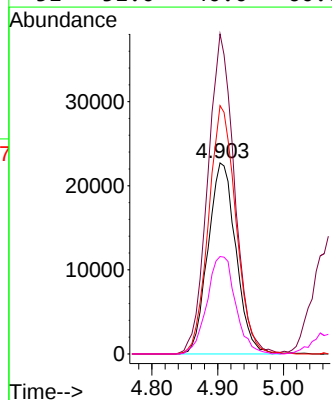
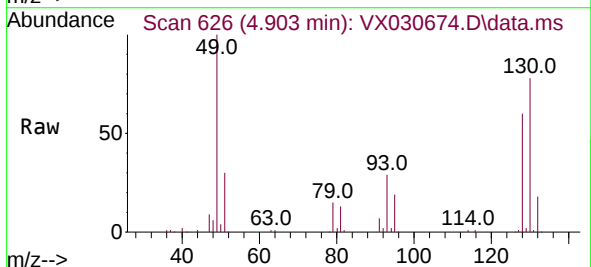
Instrument :
MSVOA_X
ClientSampleId :

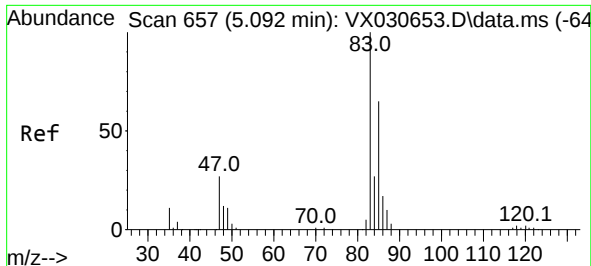
Tgt Ion: 43 Resp: 217069
Ion Ratio Lower Upper
43 100
72 26.2 11.7 35.1



#23
Bromochloromethane
Concen: 55.084 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Tgt Ion:128 Resp: 66878
Ion Ratio Lower Upper
128 100
49 167.5 116.8 216.8
130 130.0 90.3 167.7
51 51.0 40.0 60.0

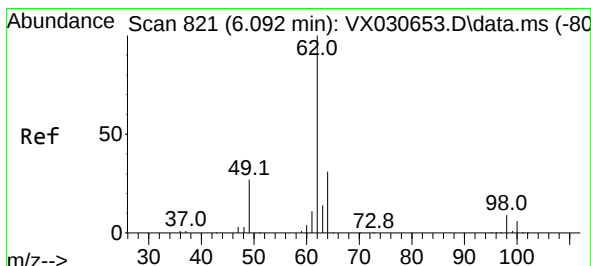
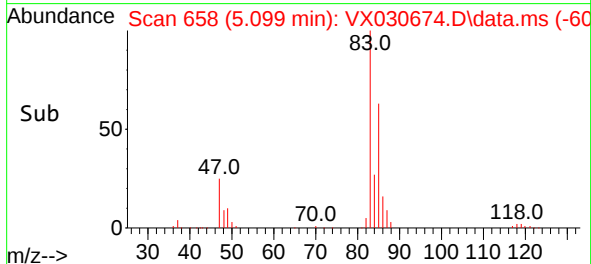
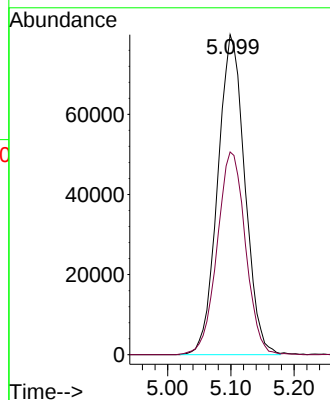
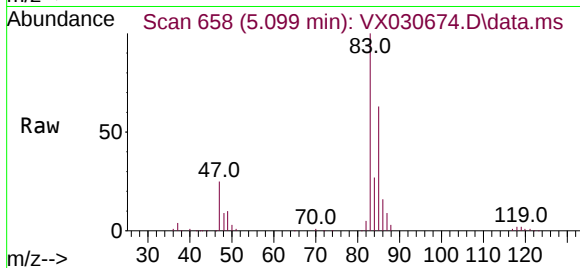




#25
Chloroform
Concen: 54.339 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

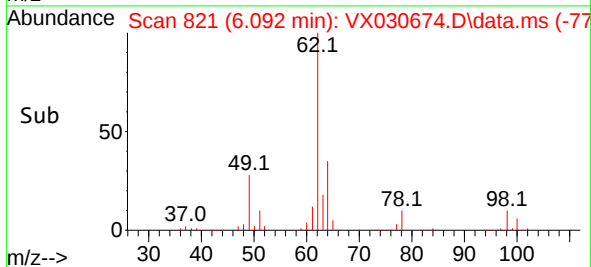
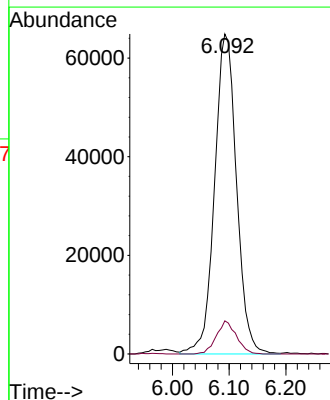
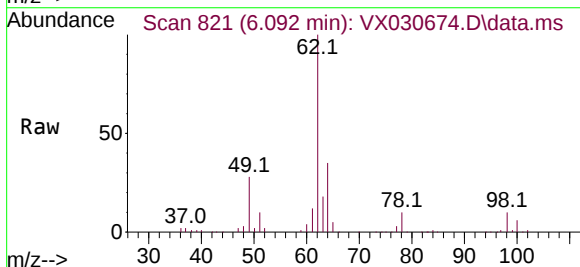
Instrument :
MSVOA_X
ClientSampleId :

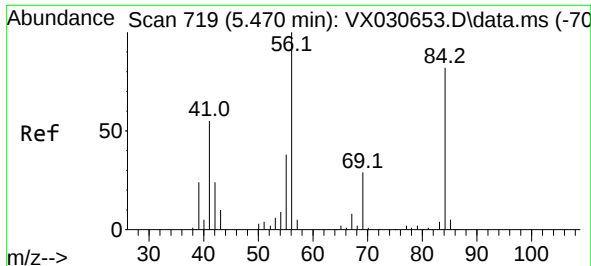
Tgt Ion: 83 Resp: 237657
Ion Ratio Lower Upper
83 100
85 63.4 45.6 84.6



#27
1,2-Dichloroethane
Concen: 47.971 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

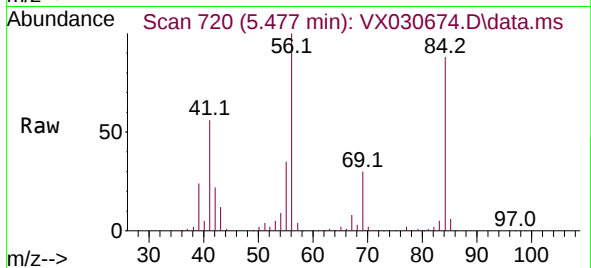
Tgt Ion: 62 Resp: 174622
Ion Ratio Lower Upper
62 100
98 10.3 7.0 10.6



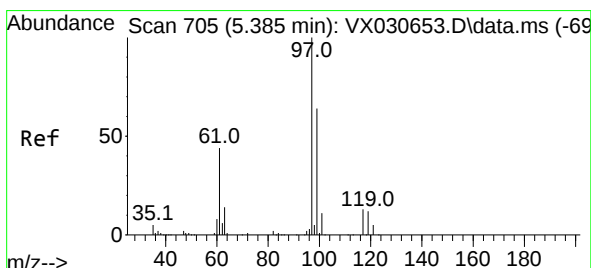
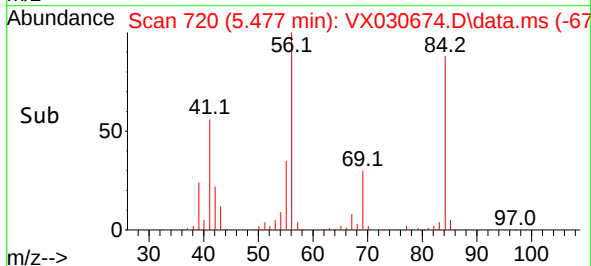
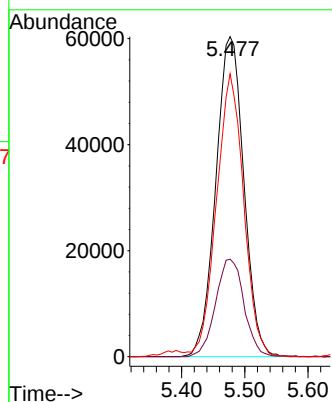


#29
Cyclohexane
Concen: 46.045 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :

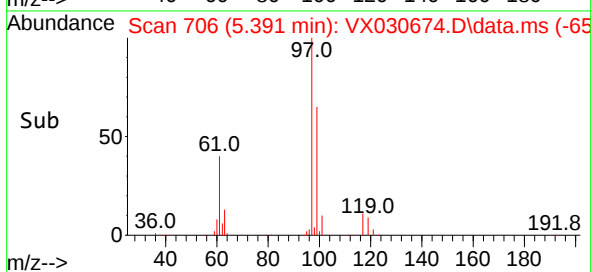
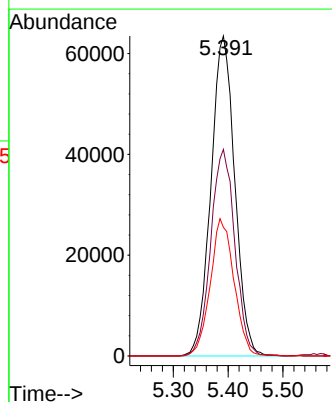
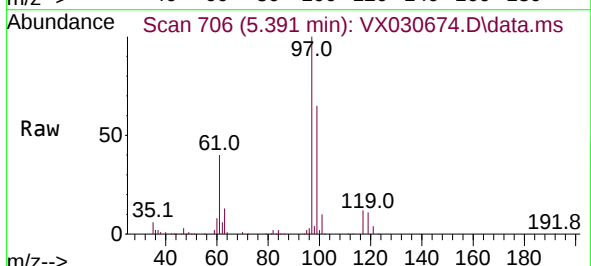


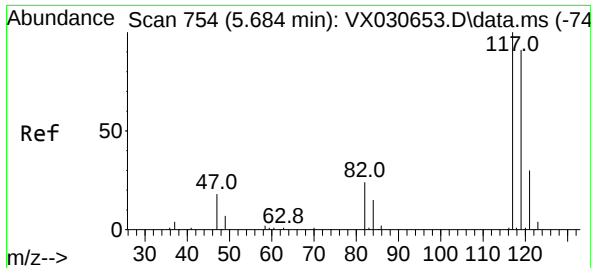
Tgt Ion: 56 Resp: 186115
Ion Ratio Lower Upper
56 100
69 30.8 24.3 36.5
84 85.3 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 47.862 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

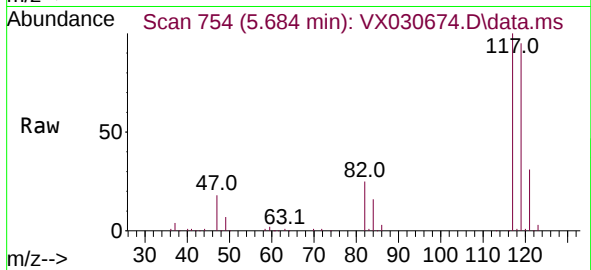
Tgt Ion: 97 Resp: 191950
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 42.6 37.0 55.6



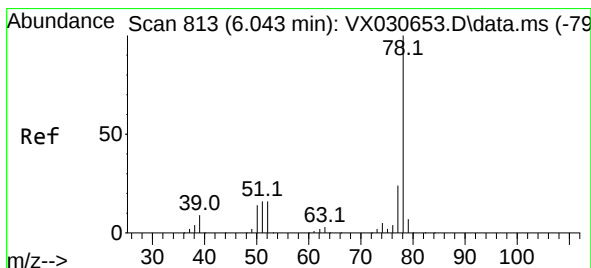
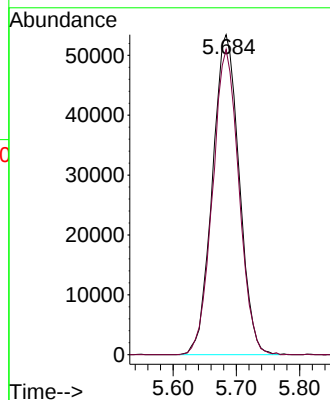
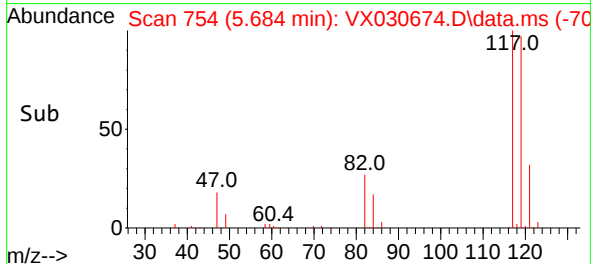


#31
Carbon tetrachloride
Concen: 47.482 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :

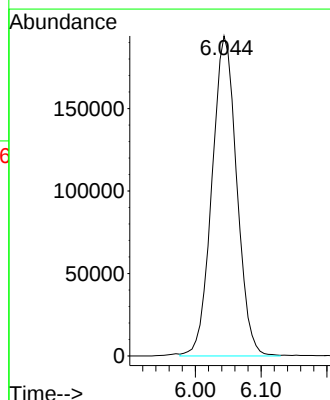
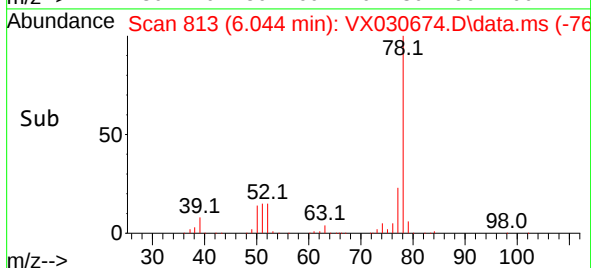
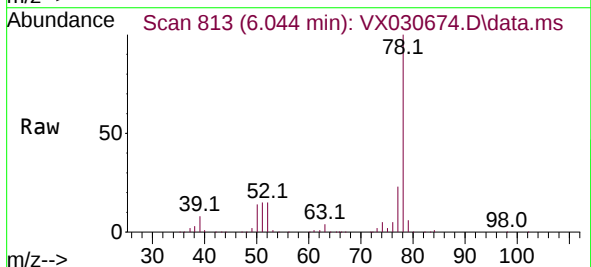


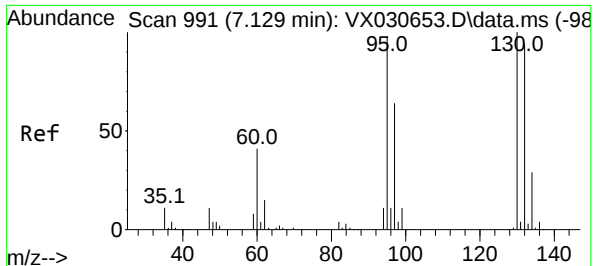
Tgt Ion:117 Resp: 157169
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.2



#33
Benzene
Concen: 52.206 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

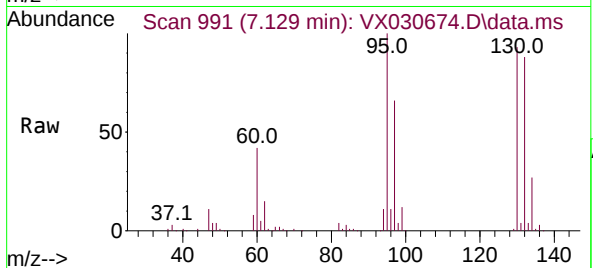
Tgt Ion: 78 Resp: 508919



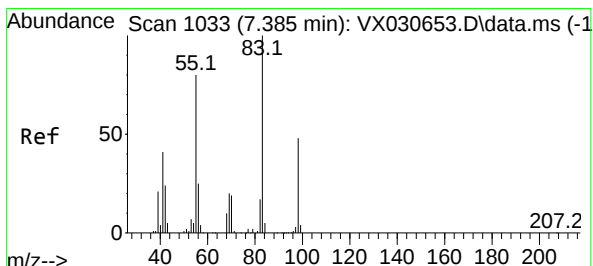
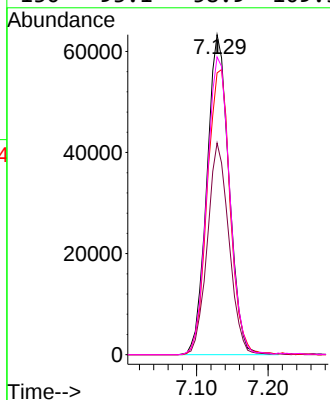
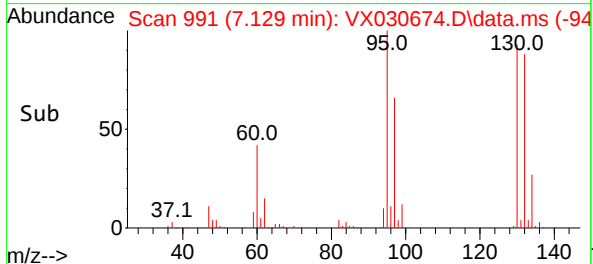


#34
Trichloroethene
Concen: 48.339 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

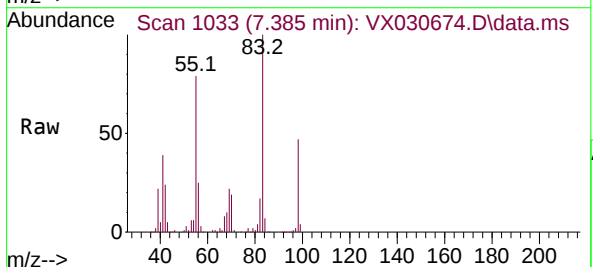
Instrument :
MSVOA_X
ClientSampleId :



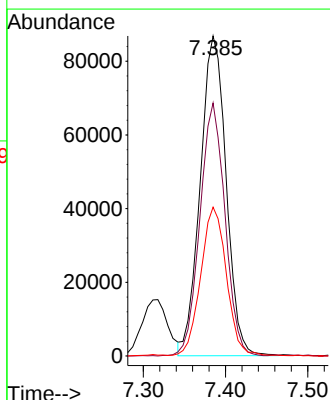
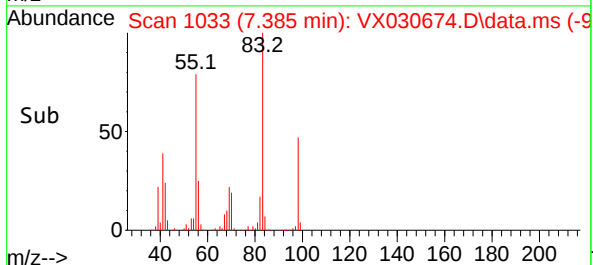
Tgt Ion: 95 Resp: 136477
Ion Ratio Lower Upper
95 100
97 66.2 40.2 74.6
132 88.0 55.3 102.7
130 93.1 58.9 109.5

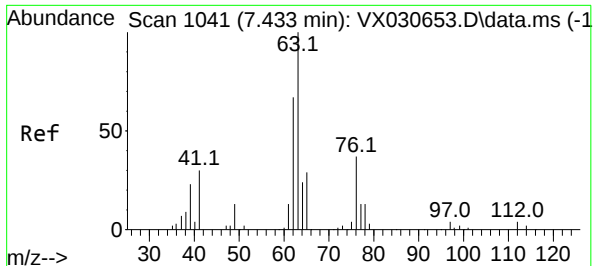


#35
Methylcyclohexane
Concen: 46.237 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42



Tgt Ion: 83 Resp: 190043
Ion Ratio Lower Upper
83 100
55 76.6 64.0 96.0
98 46.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 53.776 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

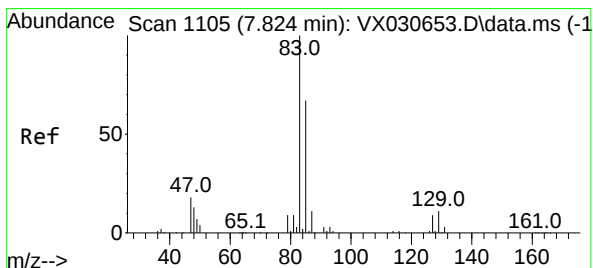
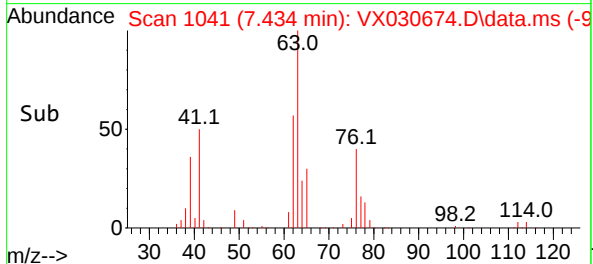
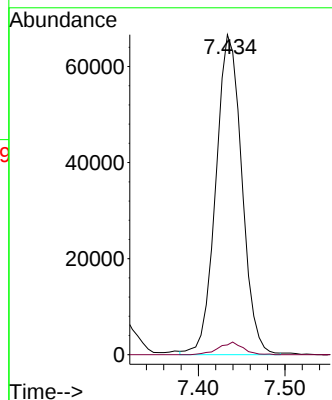
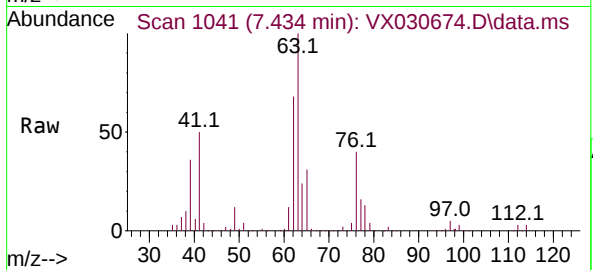
ClientSampleId :

Tgt Ion: 63 Resp: 139383

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.4



#38

Bromodichloromethane

Concen: 49.460 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

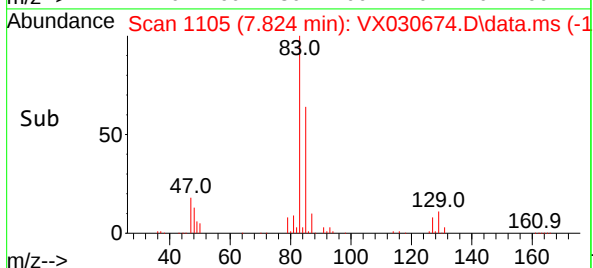
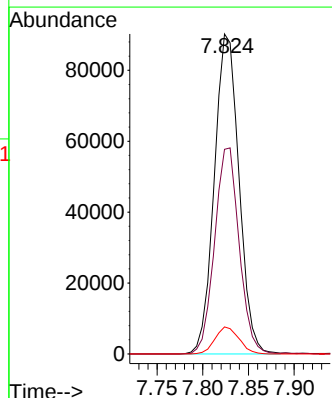
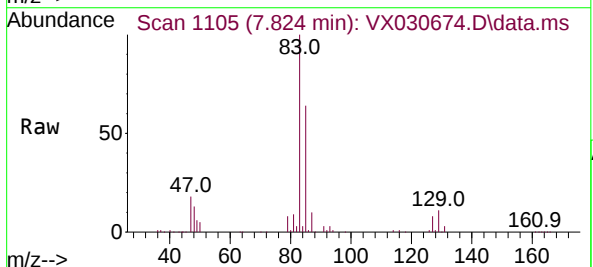
Tgt Ion: 83 Resp: 169665

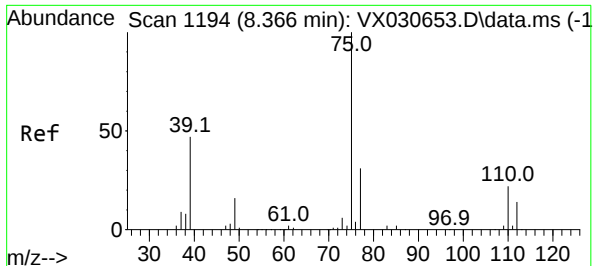
Ion Ratio Lower Upper

83 100

85 64.0 42.5 78.9

127 8.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 49.713 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

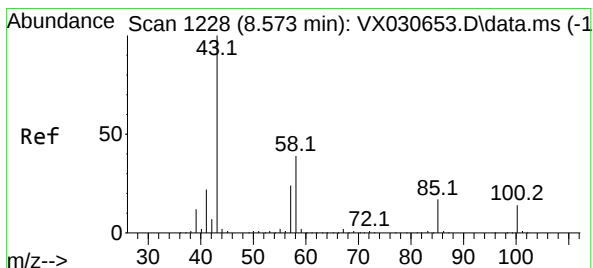
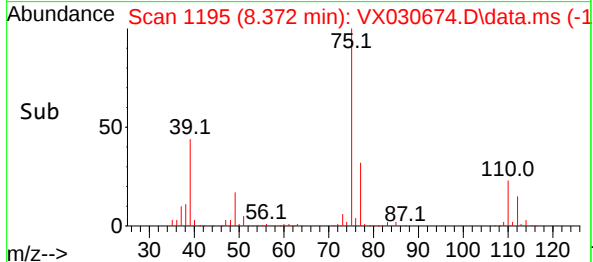
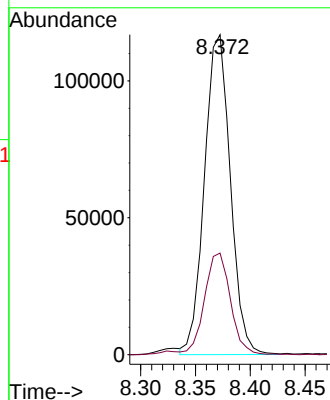
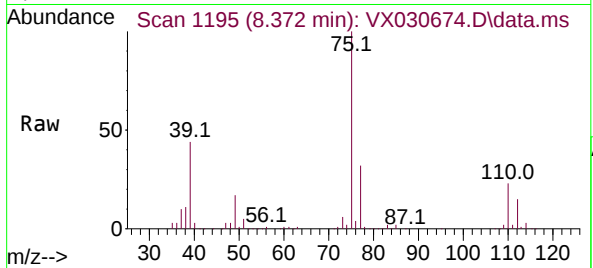
ClientSampleId :

Tgt Ion: 75 Resp: 192213

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 95.688 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

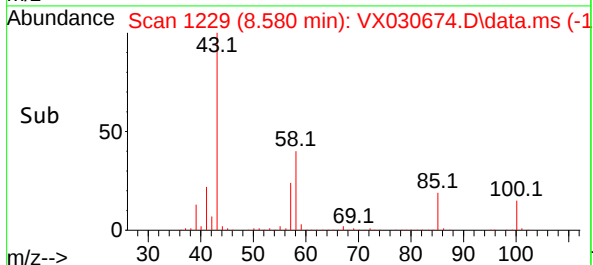
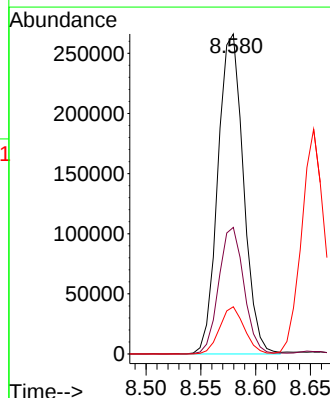
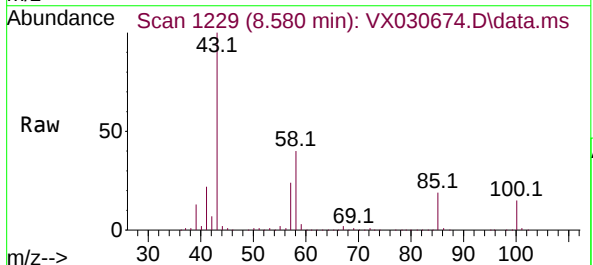
Tgt Ion: 43 Resp: 431904

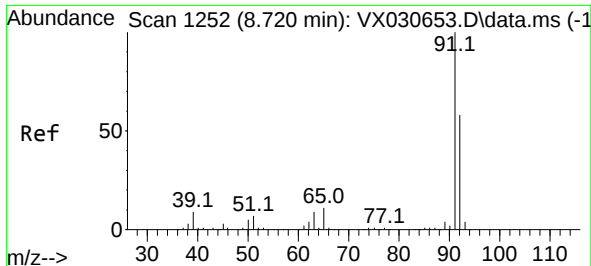
Ion Ratio Lower Upper

43 100

58 39.0 29.0 43.6

100 14.3 10.5 15.7





#42

Toluene

Concen: 51.919 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

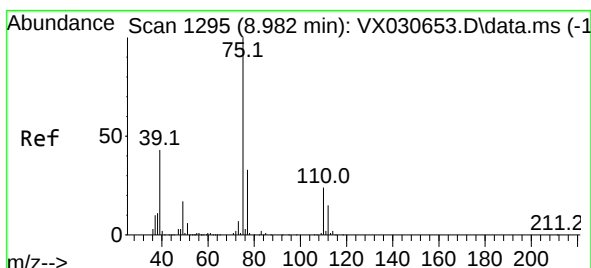
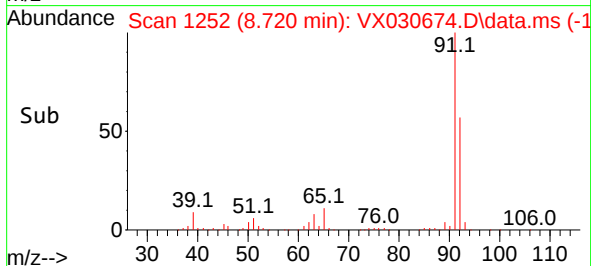
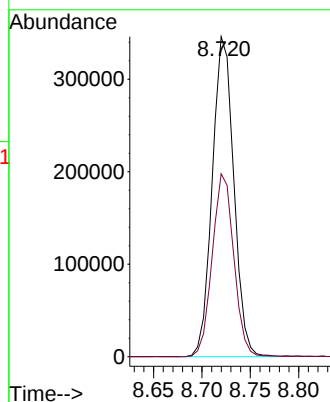
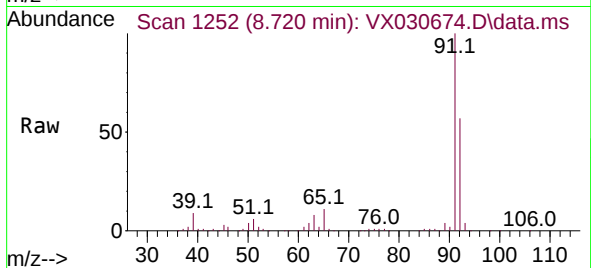
ClientSampleId :

Tgt Ion: 91 Resp: 534656

Ion Ratio Lower Upper

91 100

92 57.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 48.651 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030674.D

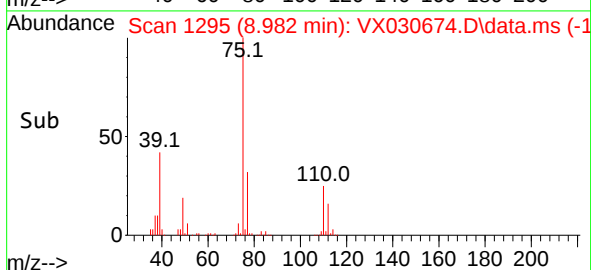
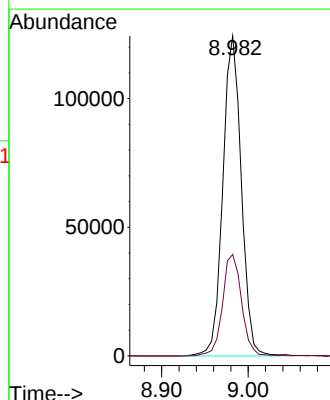
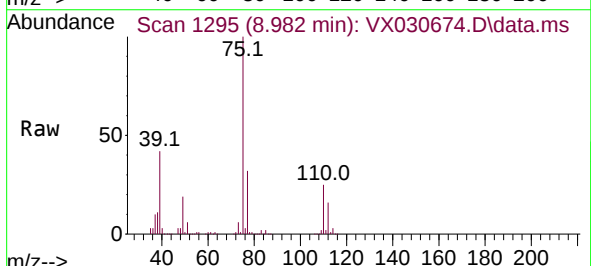
Acq: 17 Aug 2022 20:42

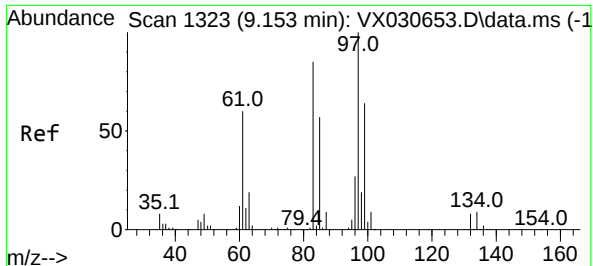
Tgt Ion: 75 Resp: 184114

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 55.735 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 134328

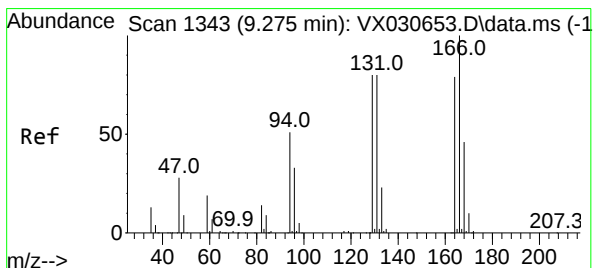
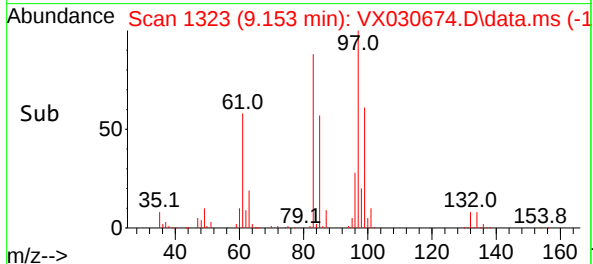
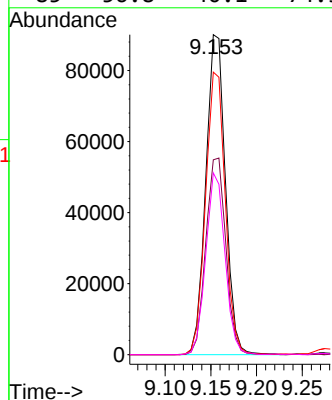
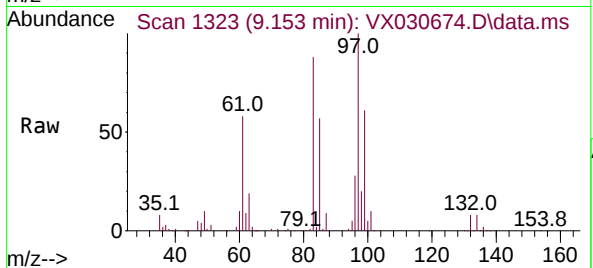
Ion Ratio Lower Upper

97 100

99 60.9 43.3 80.3

83 88.3 63.0 117.0

85 56.8 40.1 74.5



#46

Tetrachloroethene

Concen: 49.053 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Tgt Ion:164 Resp: 87527

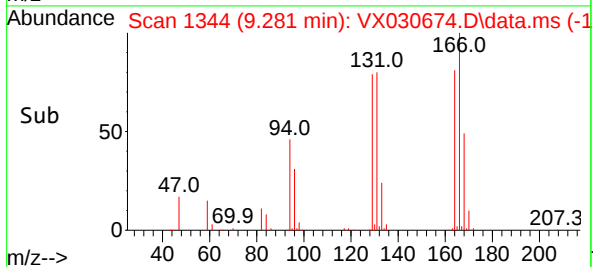
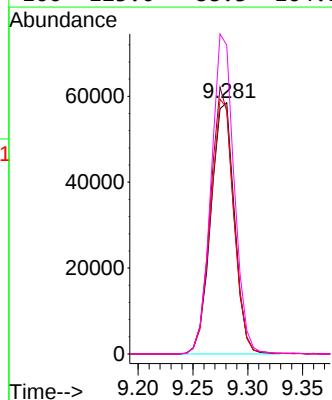
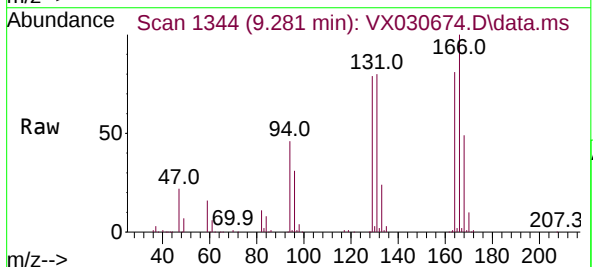
Ion Ratio Lower Upper

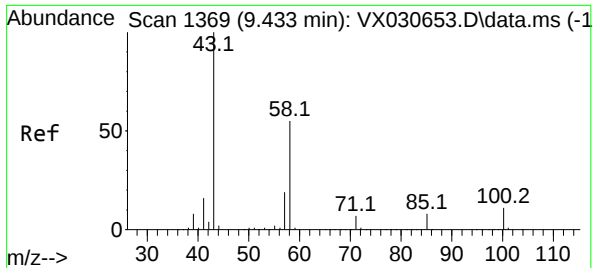
164 100

129 96.6 72.7 135.1

131 97.9 69.9 129.9

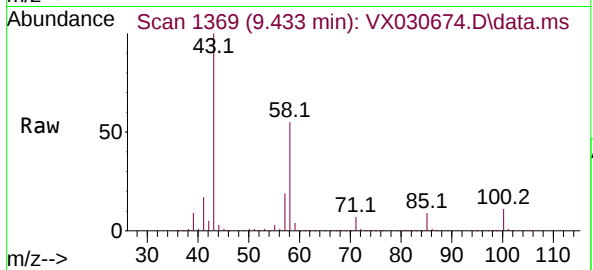
166 123.0 88.3 164.1



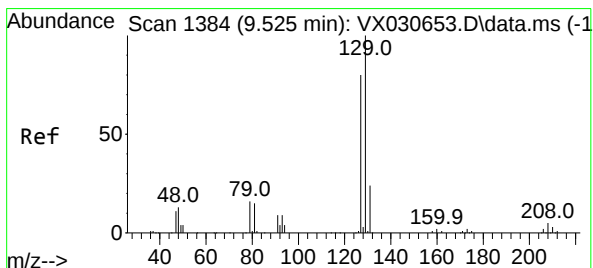
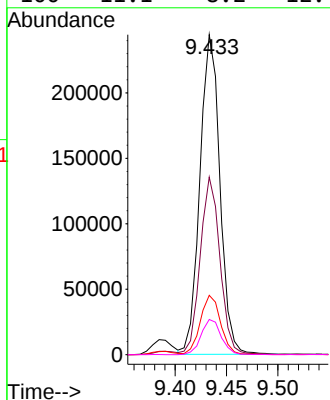
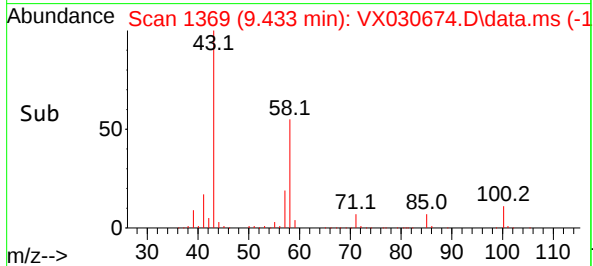


#48
2-Hexanone
Concen: 94.582 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :

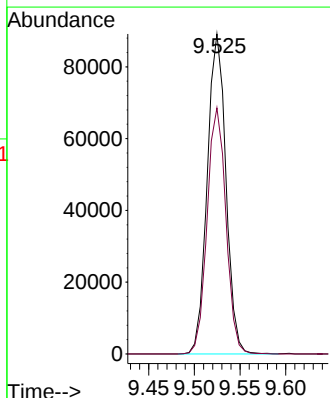
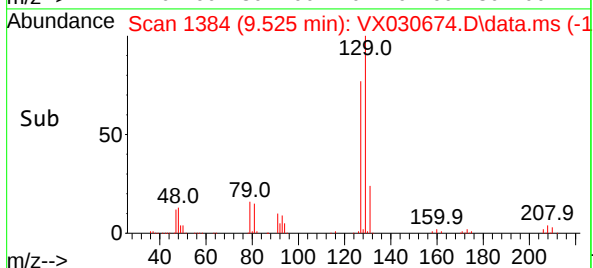
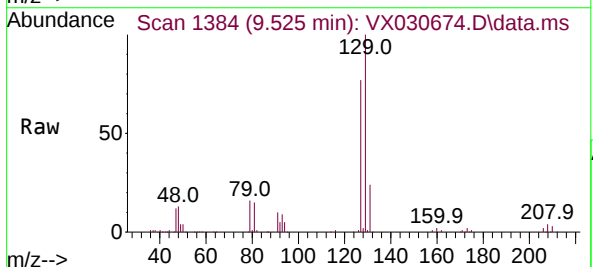


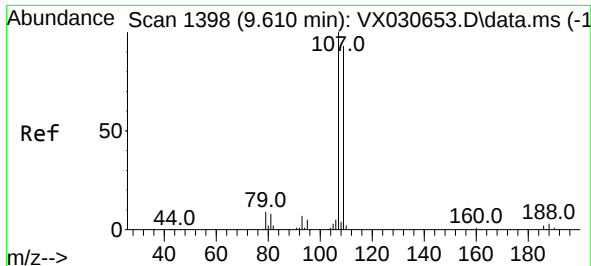
Tgt Ion:	43	Resp:	331697
Ion	Ratio	Lower	Upper
43	100		
58	55.0	40.4	60.6
57	18.9	14.6	22.0
100	11.1	8.2	12.4



#49
Dibromochloromethane
Concen: 49.549 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Tgt Ion:	129	Resp:	127046
Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.6	103.2





#50

1,2-Dibromoethane

Concen: 50.967 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

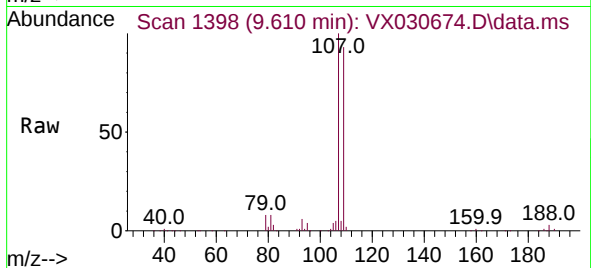
Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

ClientSampleId :



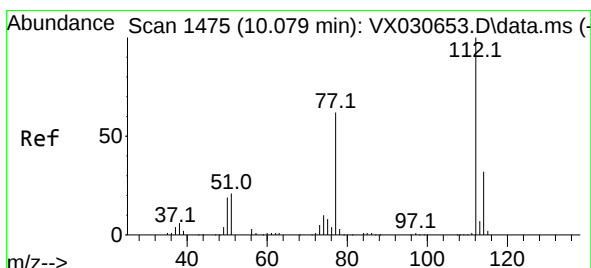
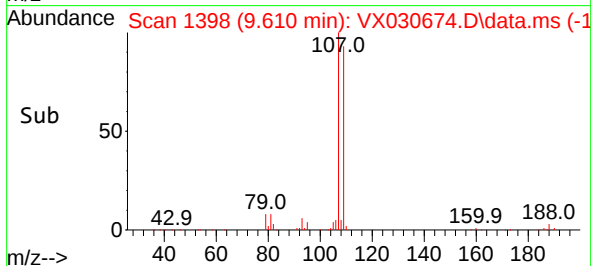
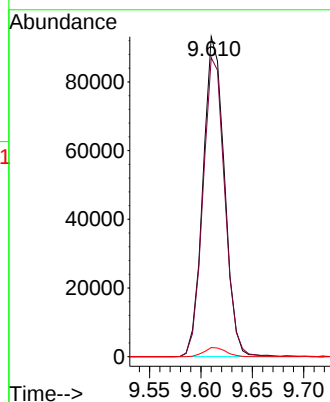
Tgt Ion:107 Resp: 135083

Ion Ratio Lower Upper

107 100

109 93.5 64.8 120.4

188 2.8 2.2 3.2



#51

Chlorobenzene

Concen: 53.264 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

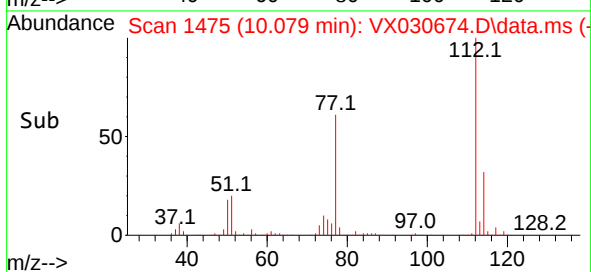
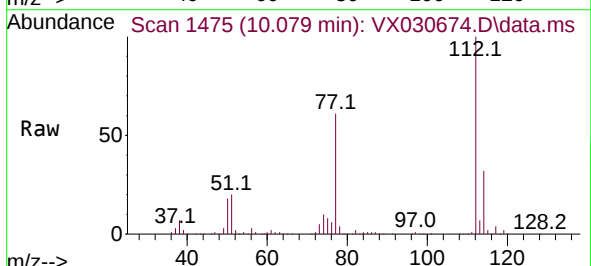
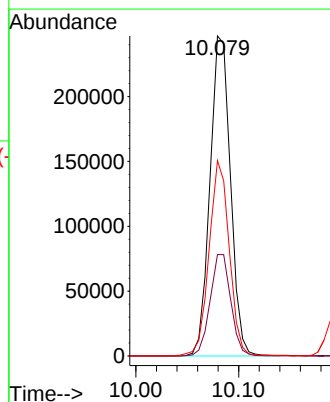
Tgt Ion:112 Resp: 341725

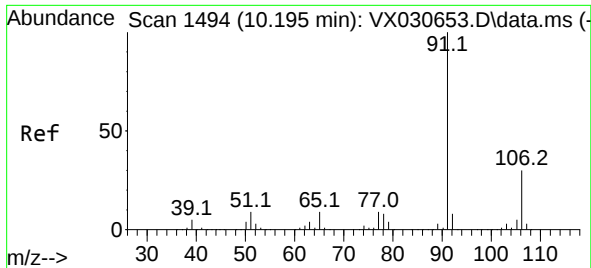
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.5

77 61.0 50.8 76.2

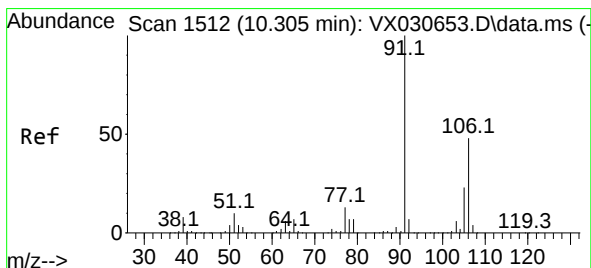
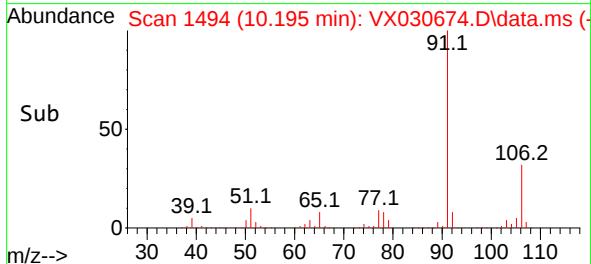
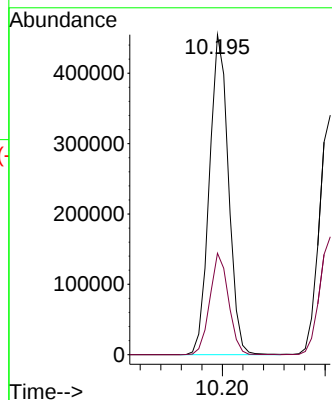
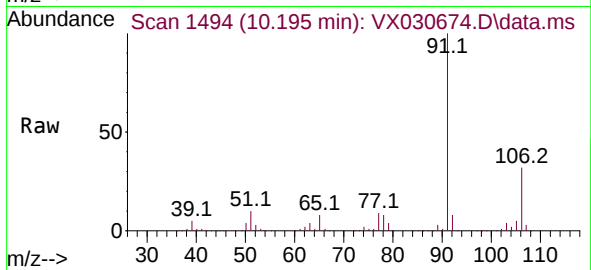




#52
Ethylbenzene
Concen: 52.198 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

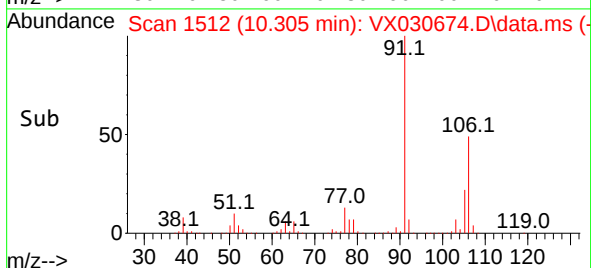
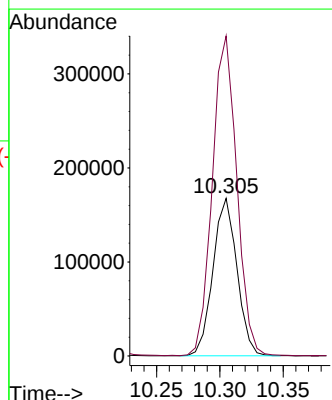
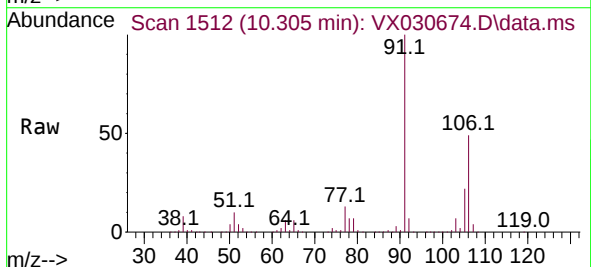
Instrument :
MSVOA_X
ClientSampleId :

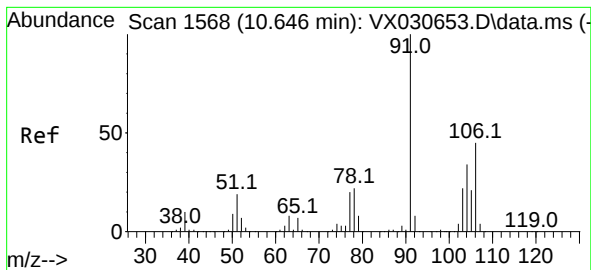
Tgt Ion: 91 Resp: 586109
Ion Ratio Lower Upper
91 100
106 31.7 21.3 39.5



#53
m,p-Xylene
Concen: 52.740 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Tgt Ion: 106 Resp: 220725
Ion Ratio Lower Upper
106 100
91 203.0 147.8 274.6





#54

o-Xylene

Concen: 53.204 ug/L

RT: 10.646 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

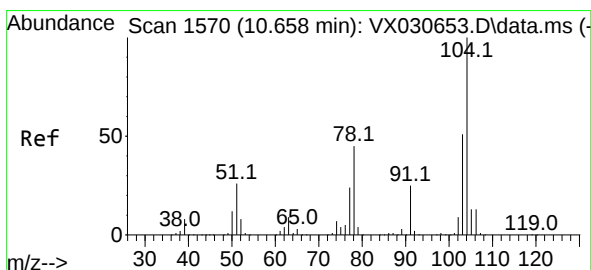
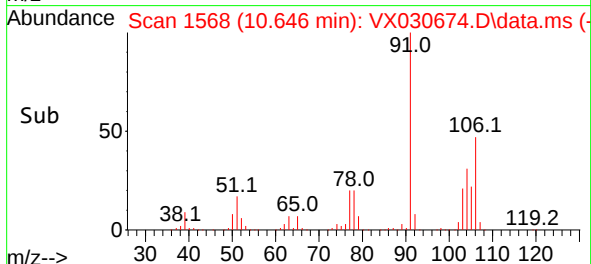
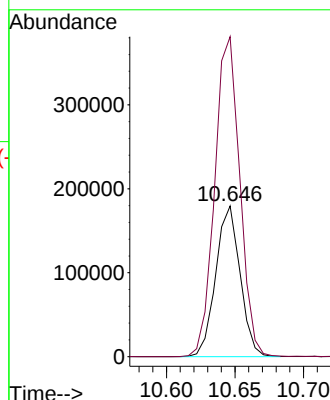
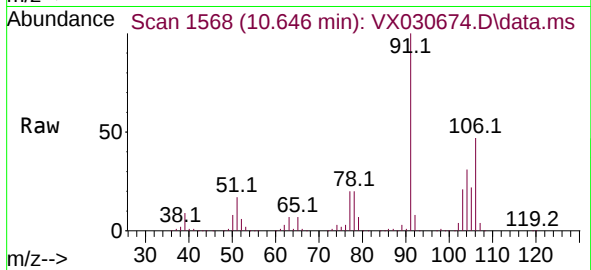
ClientSampleId :

Tgt Ion:106 Resp: 221881

Ion Ratio Lower Upper

106 100

91 212.4 157.8 293.0



#55

Styrene

Concen: 54.753 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX030674.D

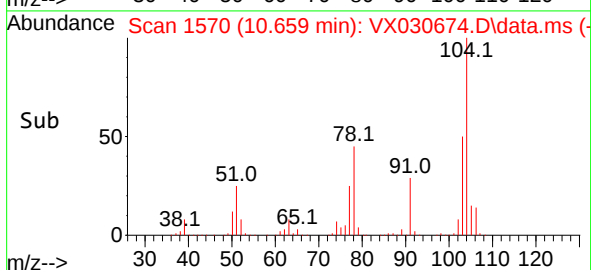
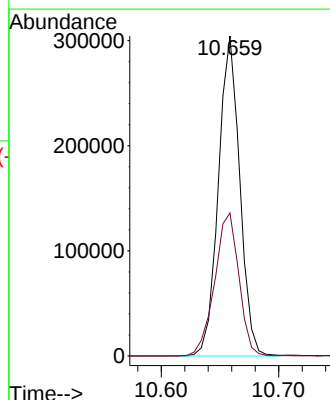
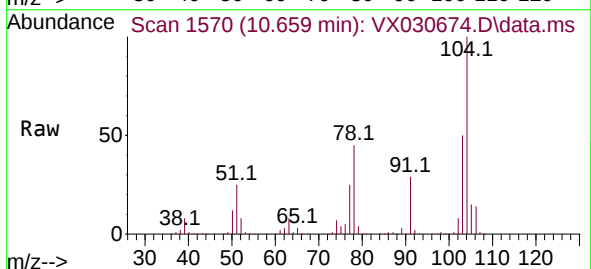
Acq: 17 Aug 2022 20:42

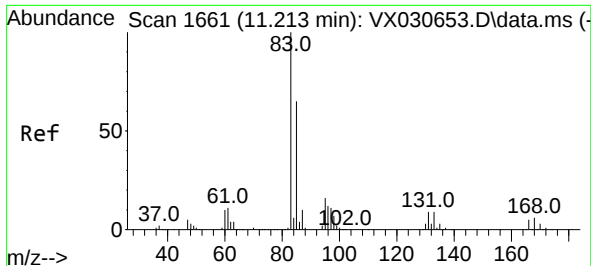
Tgt Ion:104 Resp: 384475

Ion Ratio Lower Upper

104 100

78 44.6 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 57.453 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

ClientSampleId :

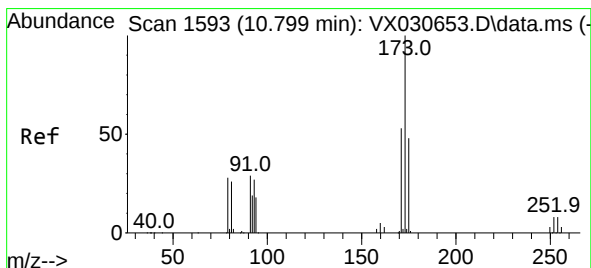
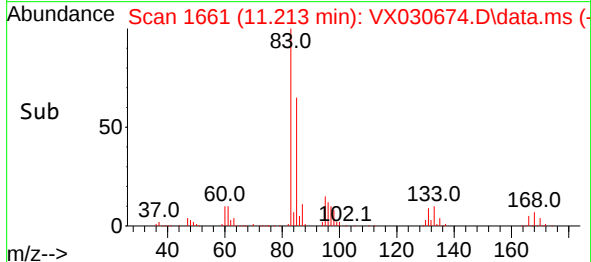
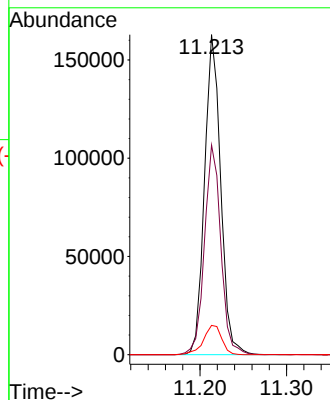
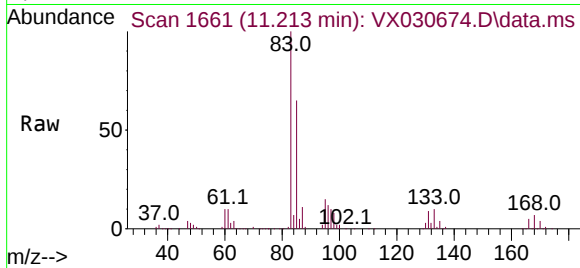
Tgt Ion: 83 Resp: 210689

Ion Ratio Lower Upper

83 100

85 65.5 44.4 82.4

131 9.1 7.5 11.3



#59

Bromoform

Concen: 47.548 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

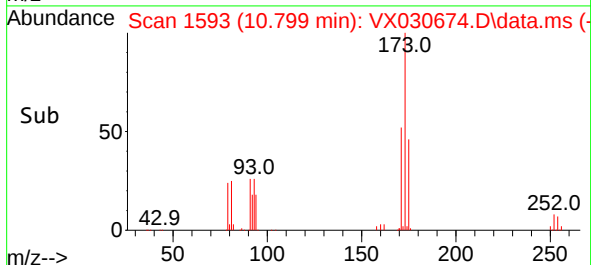
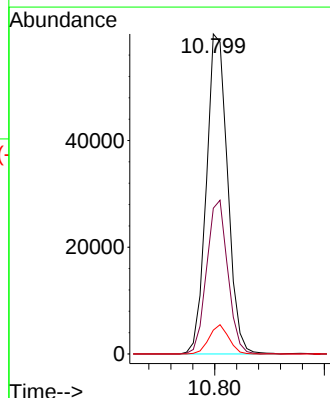
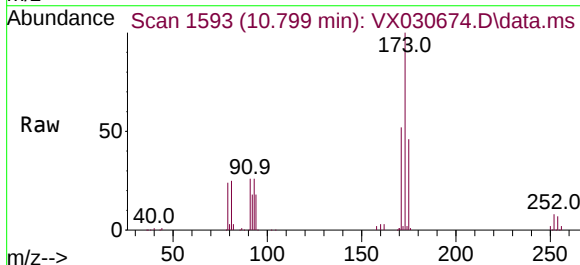
Tgt Ion:173 Resp: 80578

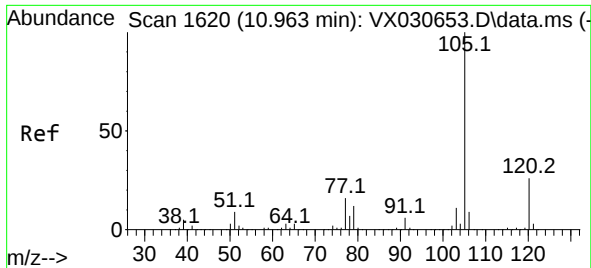
Ion Ratio Lower Upper

173 100

175 47.7 38.9 58.3

254 8.4 7.0 10.4

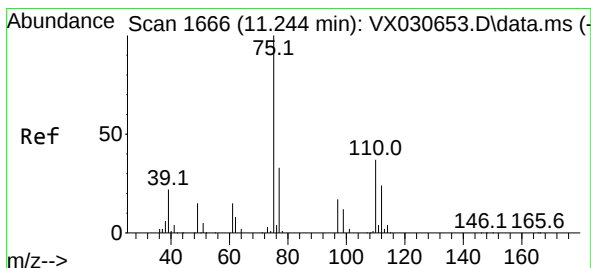
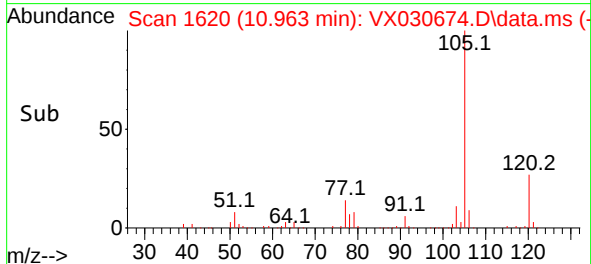
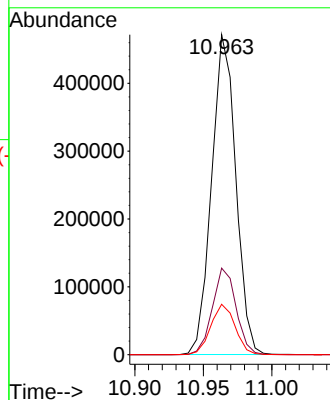
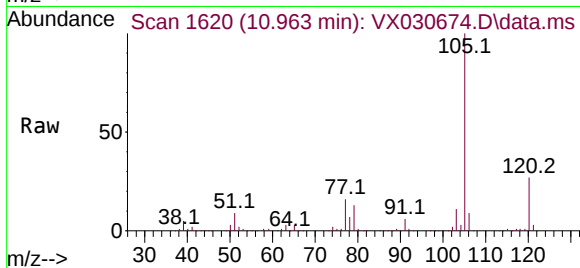




#60
Isopropylbenzene
Concen: 52.451 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

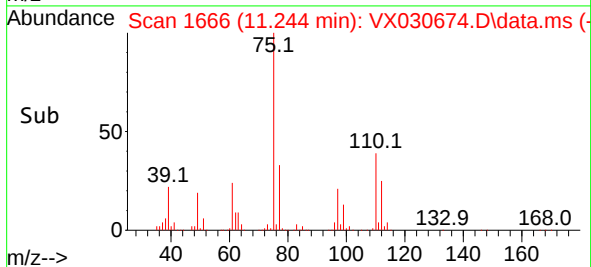
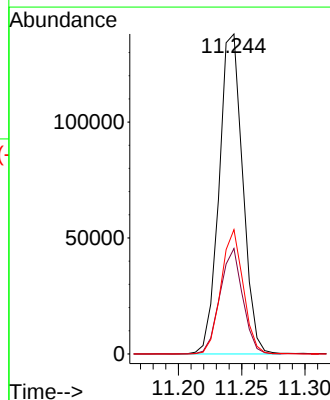
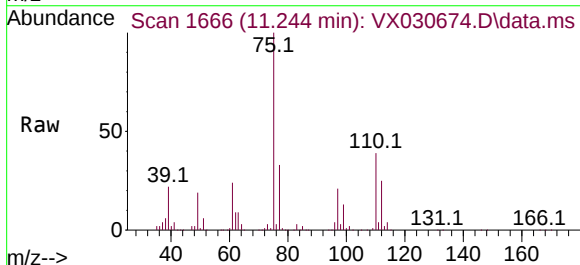
Instrument :
MSVOA_X
ClientSampleId :

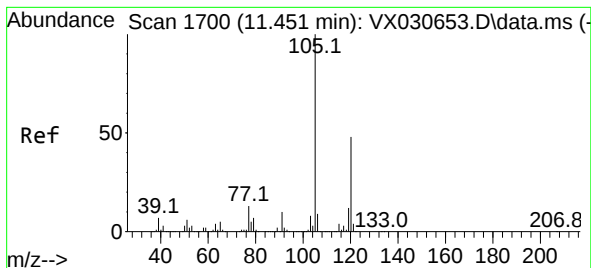
Tgt Ion:105 Resp: 578570
Ion Ratio Lower Upper
105 100
120 26.5 20.6 31.0
77 15.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 53.576 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Tgt Ion: 75 Resp: 179053
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
110 36.5 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 52.649 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

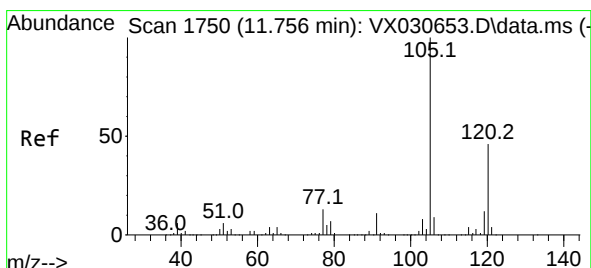
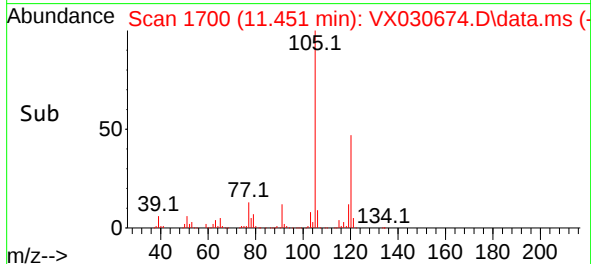
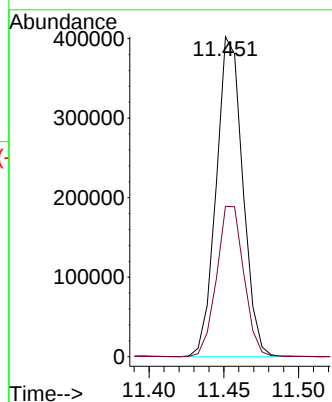
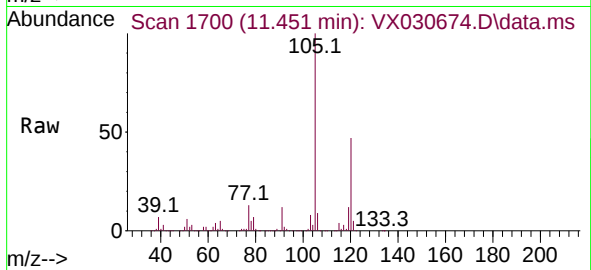
ClientSampleId :

Tgt Ion:105 Resp: 495815

Ion Ratio Lower Upper

105 100

120 48.2 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 52.203 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030674.D

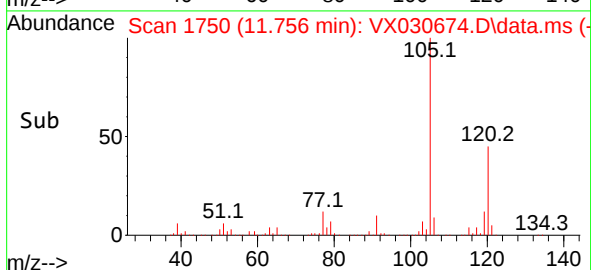
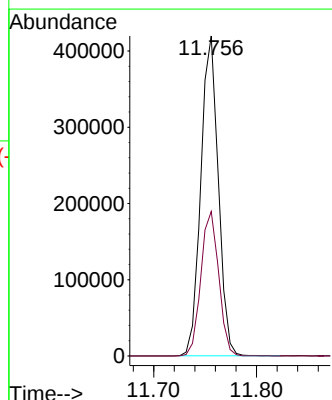
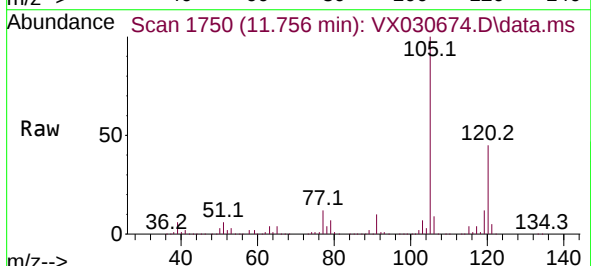
Acq: 17 Aug 2022 20:42

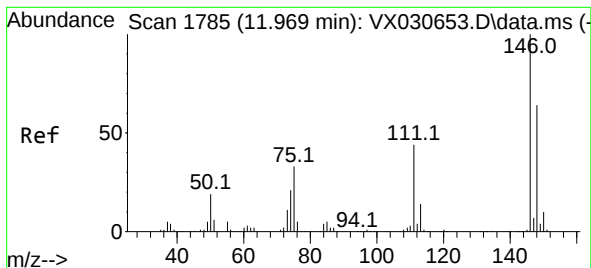
Tgt Ion:105 Resp: 496473

Ion Ratio Lower Upper

105 100

120 45.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 52.612 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

ClientSampleId :

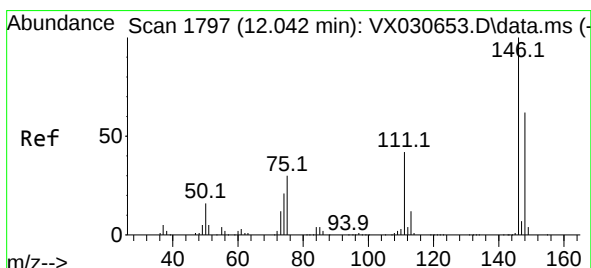
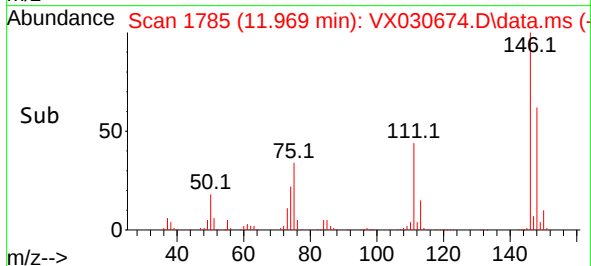
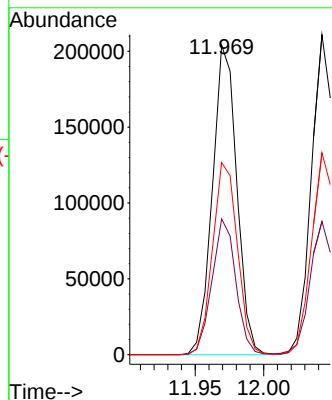
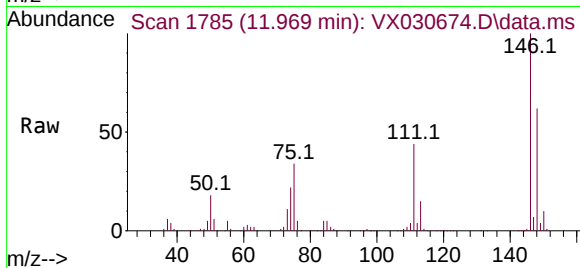
Tgt Ion:146 Resp: 252284

Ion Ratio Lower Upper

146 100

111 43.9 30.9 57.5

148 62.1 42.6 79.0



#65

1,4-Dichlorobenzene

Concen: 51.945 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

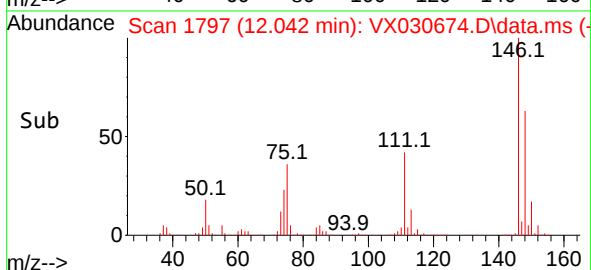
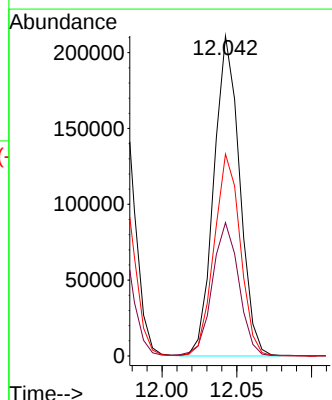
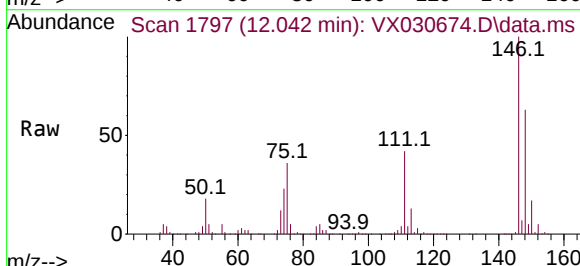
Tgt Ion:146 Resp: 253210

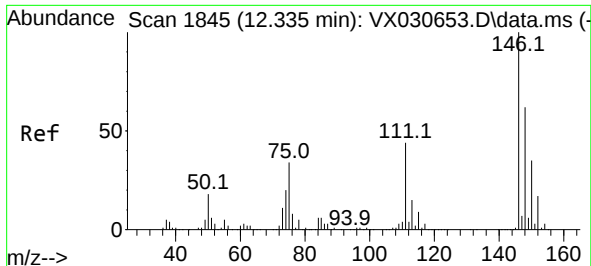
Ion Ratio Lower Upper

146 100

111 41.6 32.6 60.6

148 63.1 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 53.269 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

Instrument :

MSVOA_X

ClientSampleId :

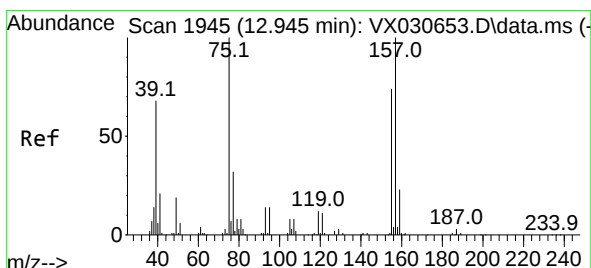
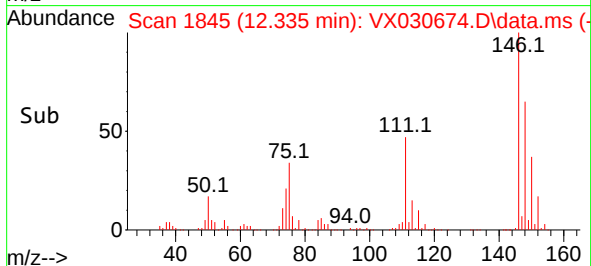
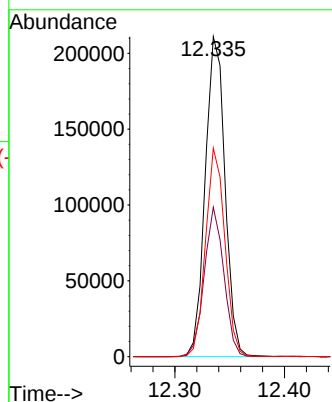
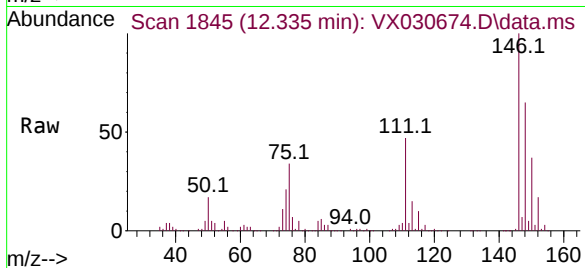
Tgt Ion:146 Resp: 264147

Ion Ratio Lower Upper

146 100

111 46.7 36.9 55.3

148 65.2 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 45.641 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030674.D

Acq: 17 Aug 2022 20:42

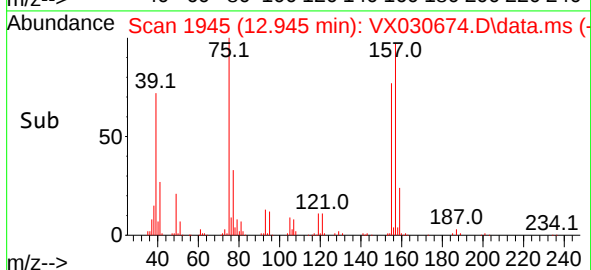
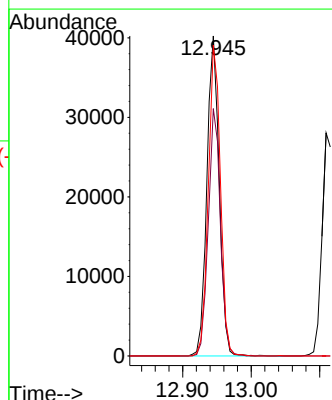
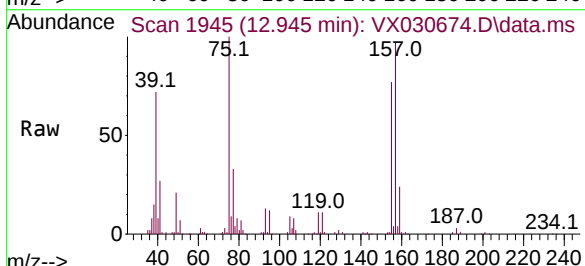
Tgt Ion: 75 Resp: 50316

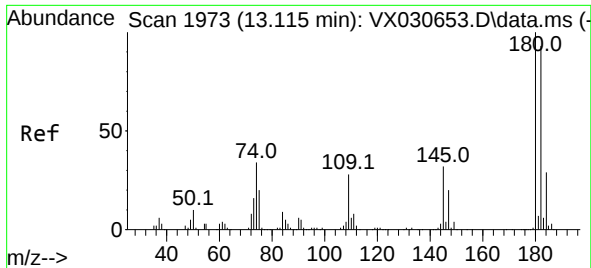
Ion Ratio Lower Upper

75 100

155 77.3 57.1 85.7

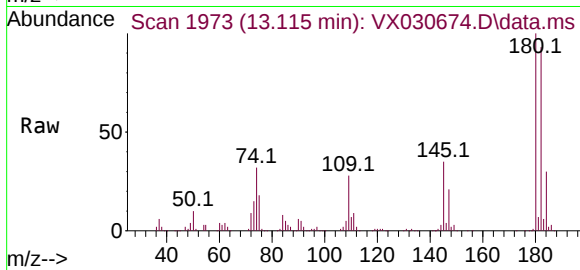
157 97.2 73.1 109.7



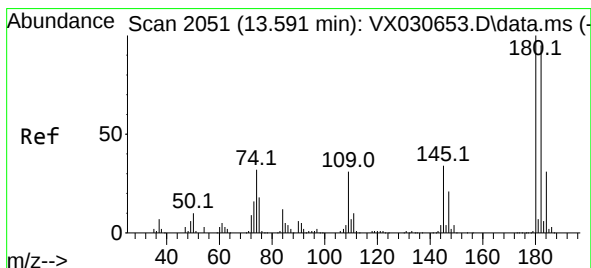
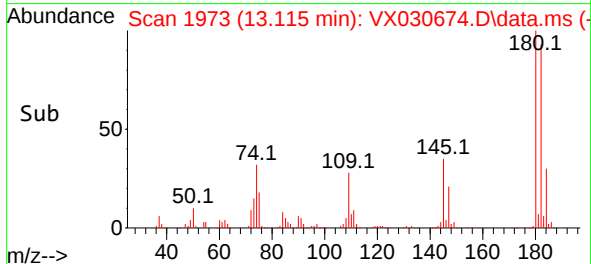
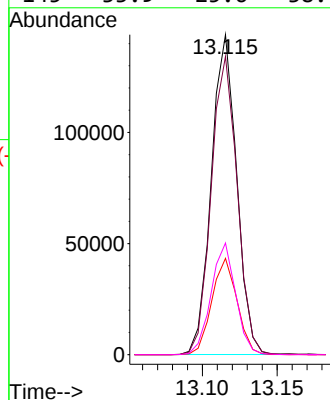


#69
 1,3,5-Trichlorobenzene
 Concen: 50.444 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030674.D
 Acq: 17 Aug 2022 20:42

Instrument :
 MSVOA_X
 ClientSampleId :

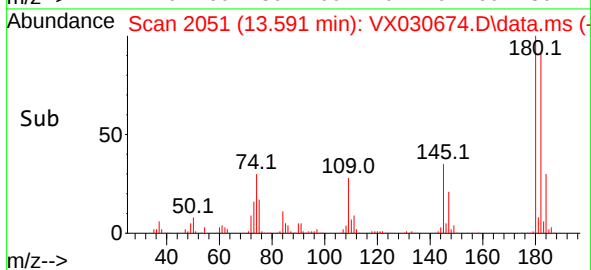
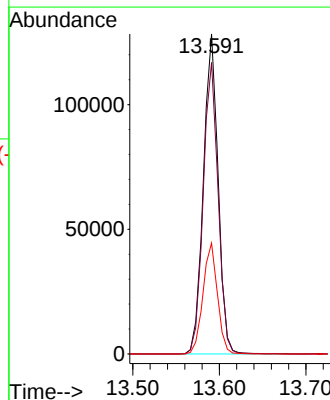
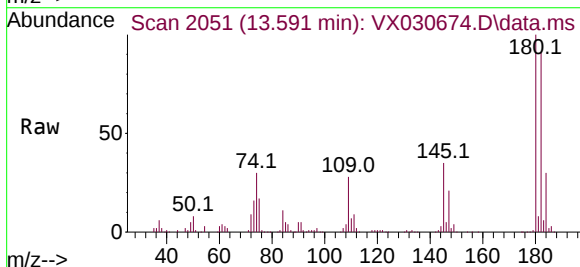


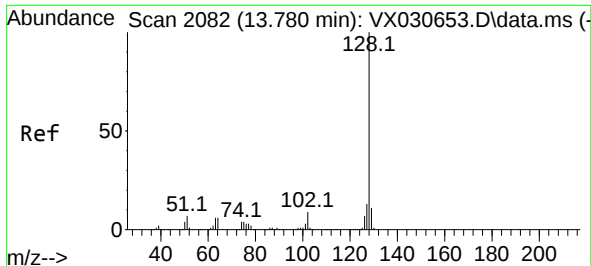
Tgt Ion:180 Resp: 169632
 Ion Ratio Lower Upper
 180 100
 182 94.8 73.7 110.5
 184 30.0 24.1 36.1
 145 33.9 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 51.213 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030674.D
 Acq: 17 Aug 2022 20:42

Tgt Ion:180 Resp: 151247
 Ion Ratio Lower Upper
 180 100
 182 92.2 72.7 109.1
 145 34.1 26.6 40.0

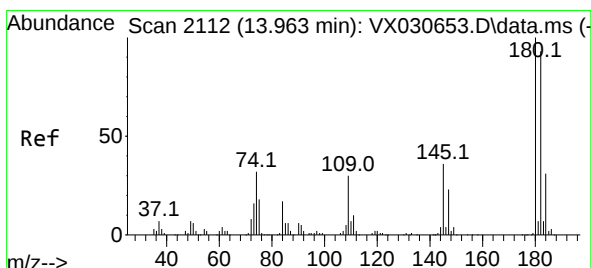
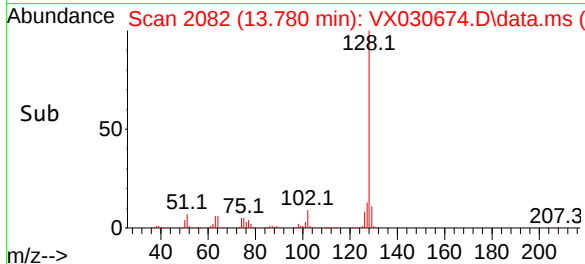
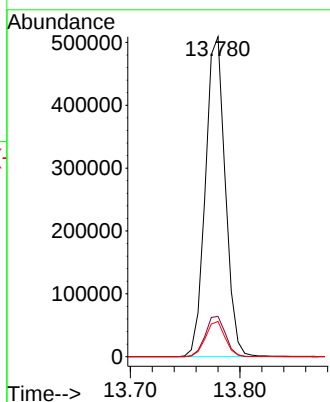
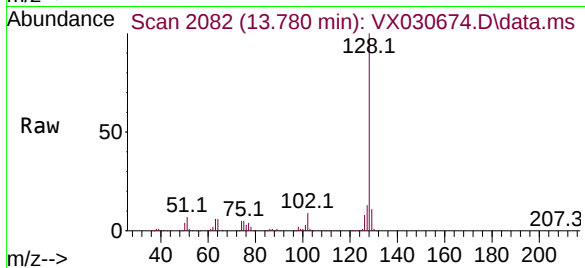




#71
Naphthalene
Concen: 52.448 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 641169
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 51.750 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030674.D
Acq: 17 Aug 2022 20:42

Tgt Ion:180 Resp: 161438
Ion Ratio Lower Upper
180 100
182 94.4 74.6 112.0
145 36.3 28.4 42.6

