

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
 Data File : VX030523.D
 Acq On : 09 Aug 2022 12:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 10 01:19:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	307994	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	110479	55.857	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.720%			
7) Chloroethane-d5	1.660	69	81738	58.623	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.240%			
11) 1,1-Dichloroethene-d2	2.306	63	222775	59.544	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 119.080%			
21) 2-Butanone-d5	4.465	46	221107	120.651	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 120.650%			
24) Chloroform-d	5.062	84	227787	55.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.900%			
26) 1,2-Dichloroethane-d4	5.958	65	154480	55.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.760%			
32) Benzene-d6	5.977	84	437978	55.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.480%			
36) 1,2-Dichloropropane-d6	7.312	67	143982	56.481	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.960%			
41) Toluene-d8	8.653	98	405023	54.687	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.380%			
43) trans-1,3-Dichloroprop...	8.952	79	69527	54.824	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.640%			
47) 2-Hexanone-d5	9.384	63	152151	117.096	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.100%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	196130	58.567	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.140%			
66) 1,2-Dichlorobenzene-d4	12.323	152	146355	54.052	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	118550	51.152	ug/L	100
3) Chloromethane	1.288	50	102644	51.507	ug/L	100
5) Vinyl chloride	1.374	62	109181	51.292	ug/L	99
6) Bromomethane	1.611	94	54637	54.621	ug/L	98
8) Chloroethane	1.685	64	63078	52.024	ug/L	100
9) Trichlorofluoromethane	1.886	101	158505	50.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	101781	54.395	ug/L	98
12) 1,1-Dichloroethene	2.319	96	91057	52.821	ug/L #	79
13) Acetone	2.392	43	141605	105.430	ug/L	99
14) Carbon disulfide	2.508	76	261178	46.745	ug/L	99
15) Methyl Acetate	2.709	43	148801	53.524	ug/L	98
16) Methylene chloride	2.788	84	108427	49.603	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	97573	48.856	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	339641	50.008	ug/L	99
19) 1,1-Dichloroethane	3.611	63	200545	51.918	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	112224	49.953	ug/L	98
22) 2-Butanone	4.568	43	231332	109.181	ug/L	100
23) Bromochloromethane	4.897	128	54910	48.738	ug/L #	84
25) Chloroform	5.093	83	209627	51.651	ug/L	96

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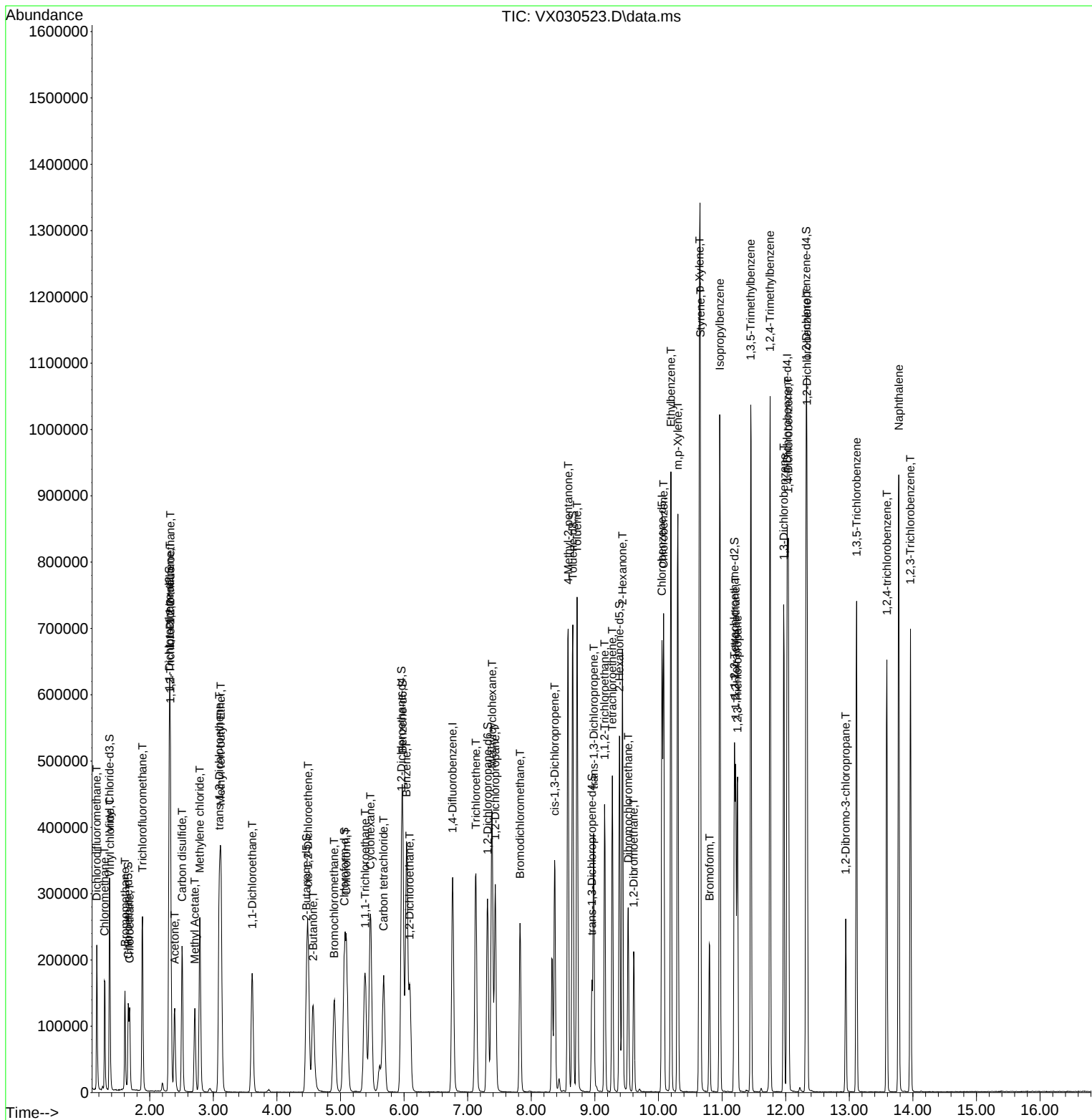
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 ClientSampleId :

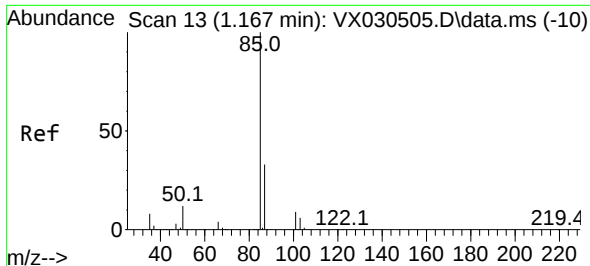
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	170745	50.548	ug/L	97
29) Cyclohexane	5.471	56	181090	49.661	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	177615	49.090	ug/L	99
31) Carbon tetrachloride	5.678	117	149561	50.084	ug/L	99
33) Benzene	6.038	78	437273	49.721	ug/L	100
34) Trichloroethene	7.129	95	125854	49.410	ug/L	90
35) Methylcyclohexane	7.385	83	183692	49.539	ug/L	98
37) 1,2-Dichloropropane	7.434	63	120912	51.709	ug/L	100
38) Bromodichloromethane	7.824	83	159181	51.436	ug/L	92
39) cis-1,3-Dichloropropene	8.366	75	177858	50.989	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	430442	105.706	ug/L	99
42) Toluene	8.720	91	463281	49.866	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	175336	51.356	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	109460	50.343	ug/L	98
46) Tetrachloroethene	9.275	164	77685	48.259	ug/L	93
48) 2-Hexanone	9.433	43	356578	112.703	ug/L	98
49) Dibromochloromethane	9.525	129	114165	49.354	ug/L	98
50) 1,2-Dibromoethane	9.610	107	117111	48.978	ug/L	97
51) Chlorobenzene	10.079	112	289885	50.084	ug/L	100
52) Ethylbenzene	10.195	91	515134	50.852	ug/L	100
53) m,p-Xylene	10.305	106	189582	50.211	ug/L	98
54) o-Xylene	10.646	106	188612	50.131	ug/L	100
55) Styrene	10.659	104	326164	51.486	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	172184	52.045	ug/L	93
59) Bromoform	10.805	173	75264	49.509	ug/L	100
60) Isopropylbenzene	10.963	105	504057	50.940	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	152904	51.002	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	438287	51.881	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	439782	51.548	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	214525	49.872	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	221495	50.653	ug/L	87
67) 1,2-Dichlorobenzene	12.335	146	223032	50.139	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	50052	50.612	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	157582	52.239	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	133810	50.508	ug/L	97
71) Naphthalene	13.780	128	545310	49.726	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	141041	50.400	ug/L	100

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

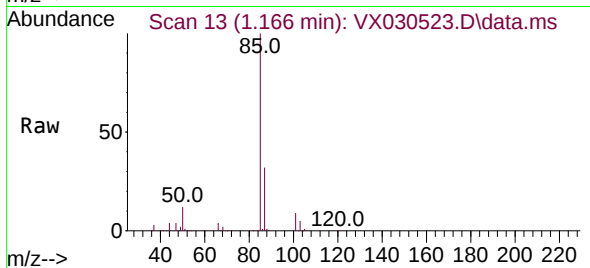
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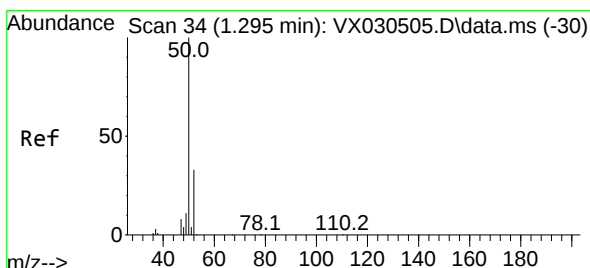
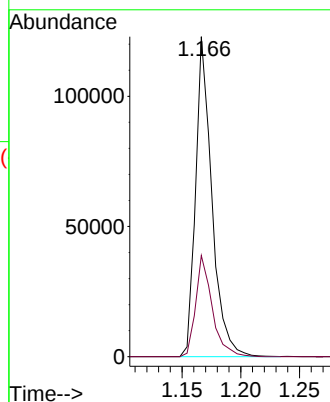
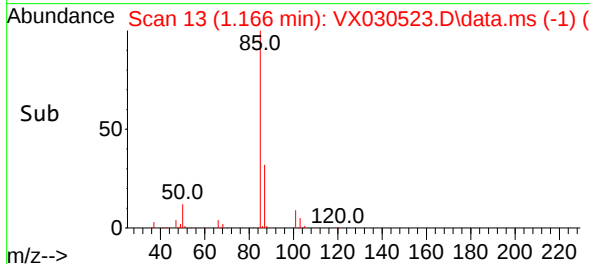


#2
 Dichlorodifluoromethane
 Concen: 51.152 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

Instrument :
 MSVOA_X
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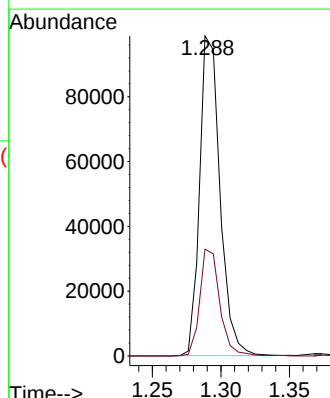
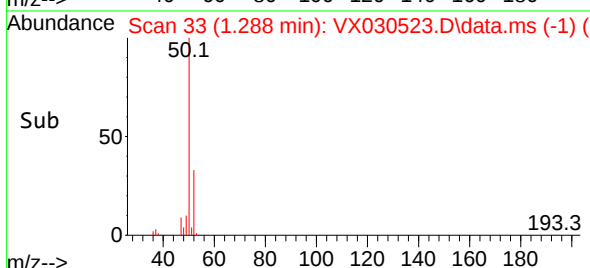
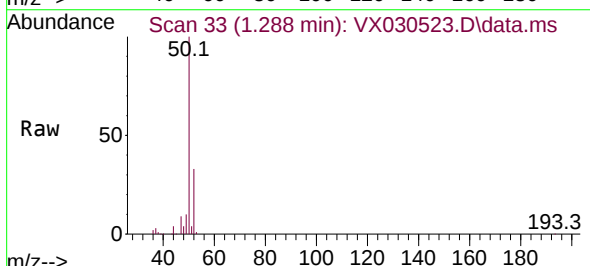


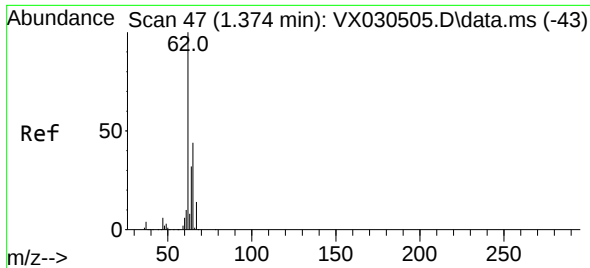
Tgt Ion: 85 Resp: 118550
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#3
 Chloromethane
 Concen: 51.507 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

Tgt Ion: 50 Resp: 102644
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

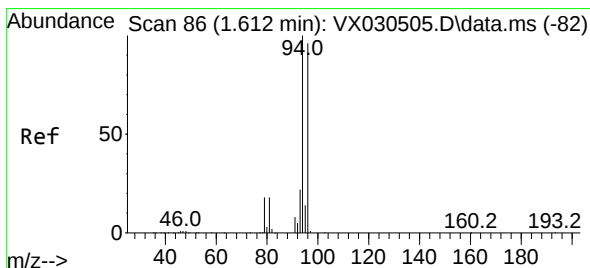
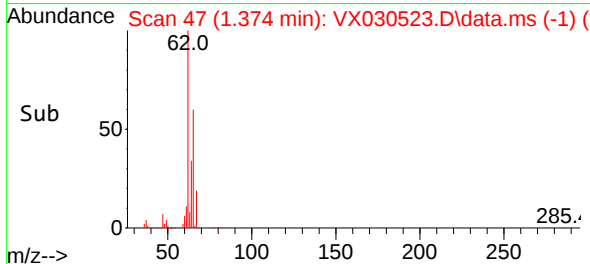
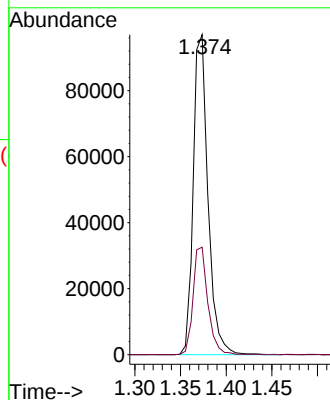
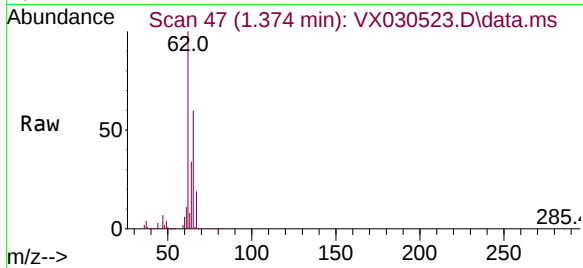




#5
 Vinyl chloride
 Concen: 51.292 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

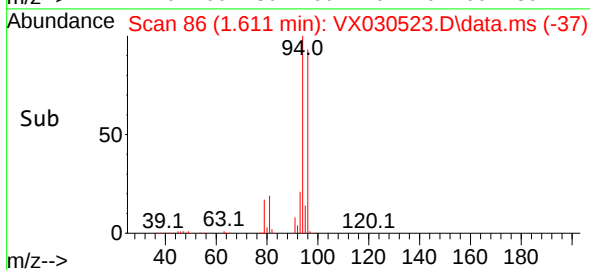
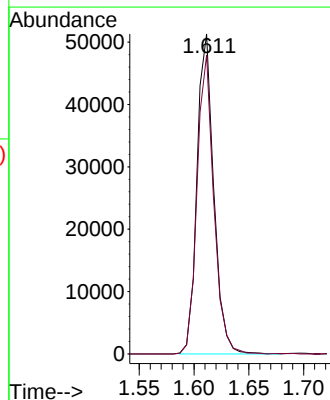
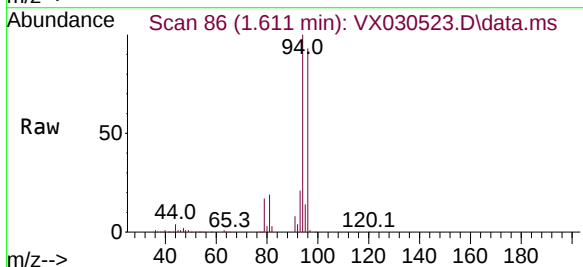
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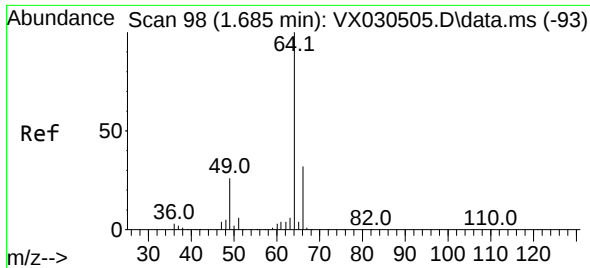
Tgt Ion: 62 Resp: 109181
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.8 44.2



#6
 Bromomethane
 Concen: 54.621 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

Tgt Ion: 94 Resp: 54637
 Ion Ratio Lower Upper
 94 100
 96 93.4 63.8 118.6

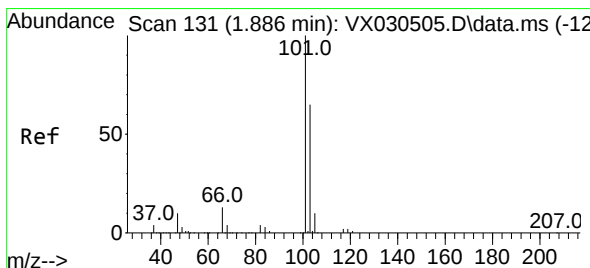
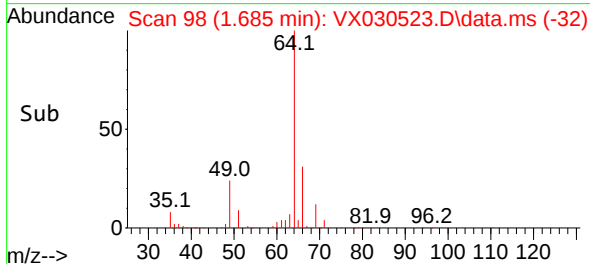
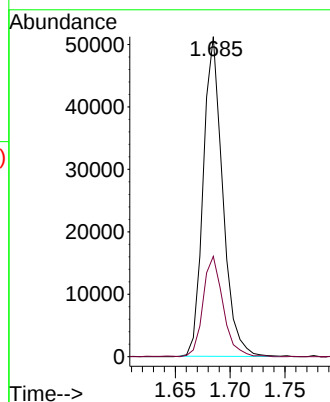
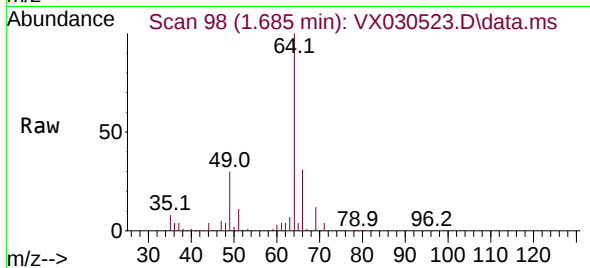




#8
 Chloroethane
 Concen: 52.024 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

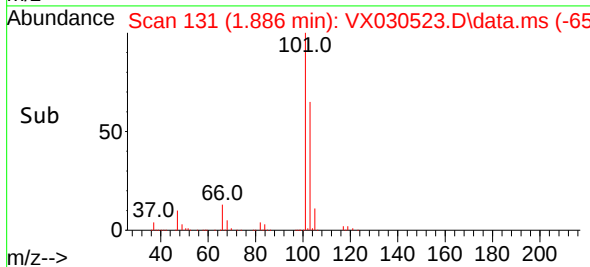
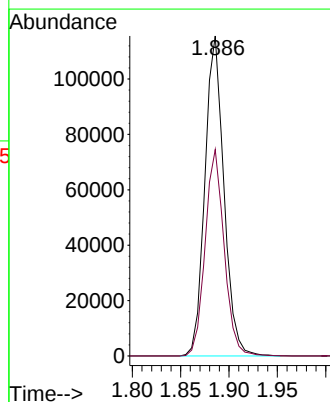
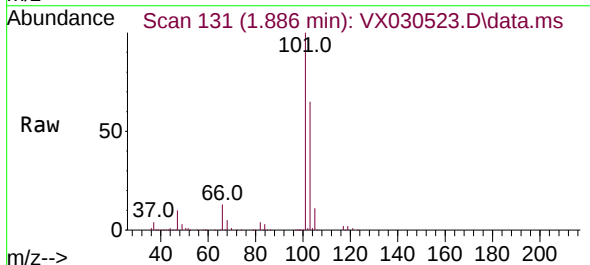
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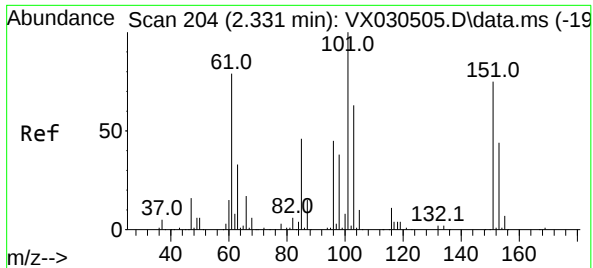
Tgt Ion: 64 Resp: 63078
 Ion Ratio Lower Upper
 64 100
 66 31.4 22.1 41.1



#9
 Trichlorofluoromethane
 Concen: 50.384 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

Tgt Ion: 101 Resp: 158505
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

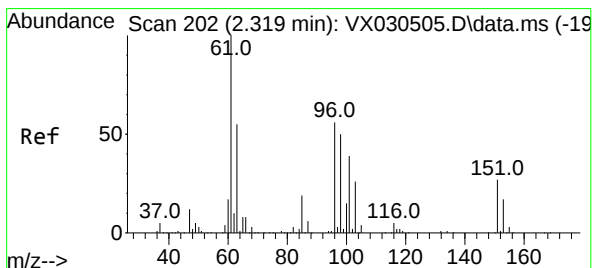
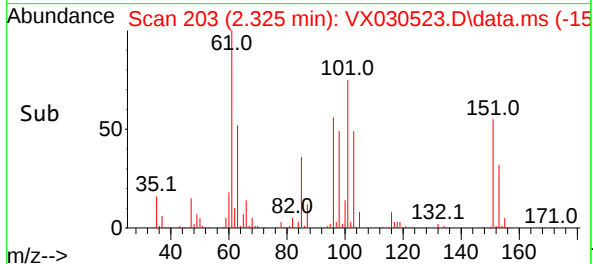
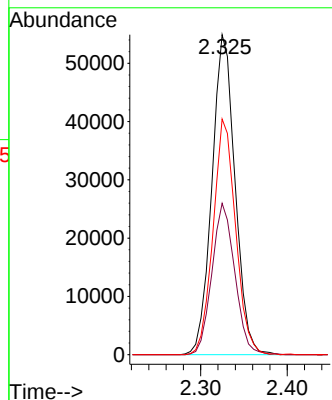
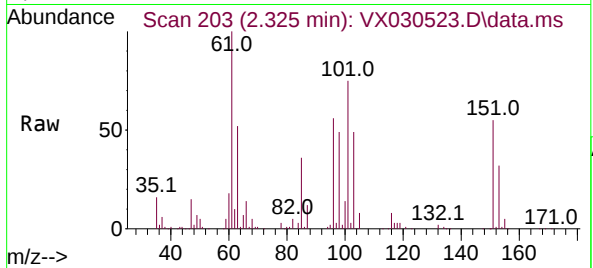




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.395 ug/L
 RT: 2.325 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

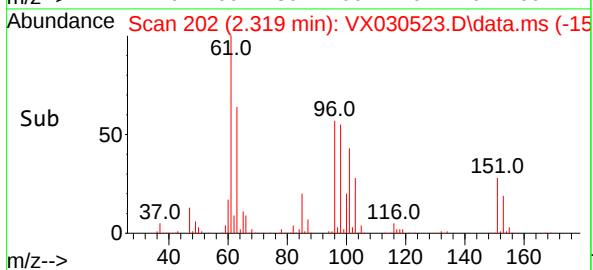
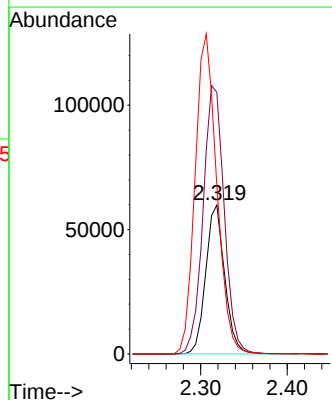
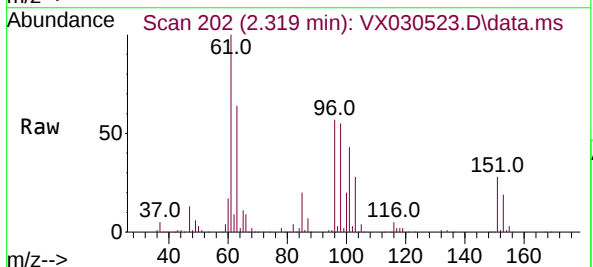
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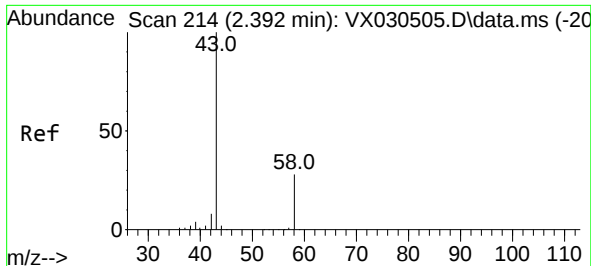
Tgt Ion:101 Resp: 101781
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.3 52.9
 151 71.7 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 52.821 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

Tgt Ion: 96 Resp: 91057
 Ion Ratio Lower Upper
 96 100
 61 175.6 130.2 241.8
 63 113.0 113.5 210.9#

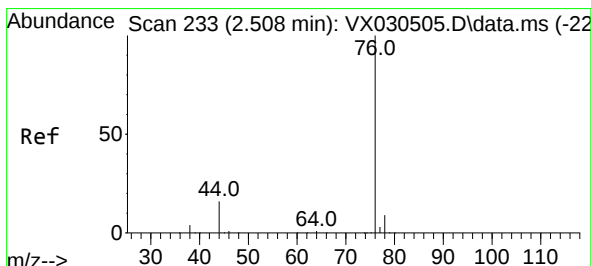
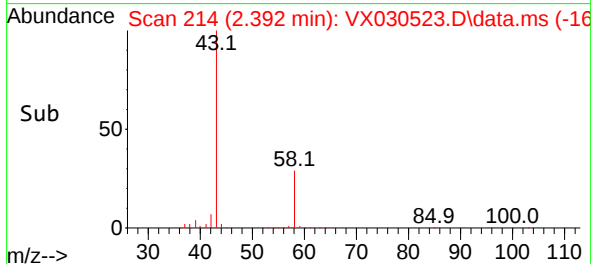
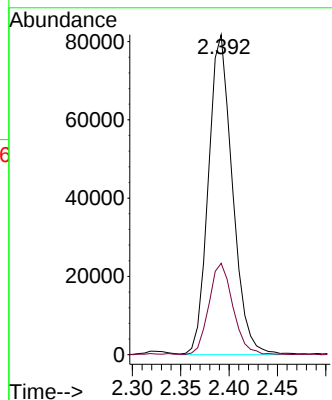
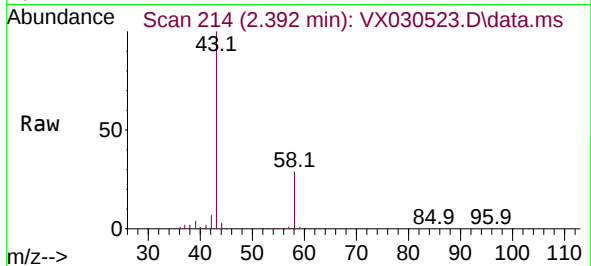




#13
Acetone
Concen: 105.430 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

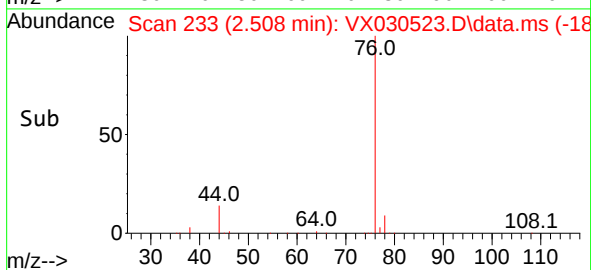
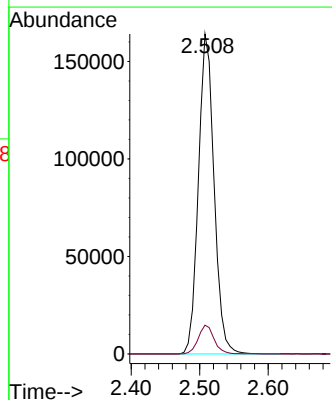
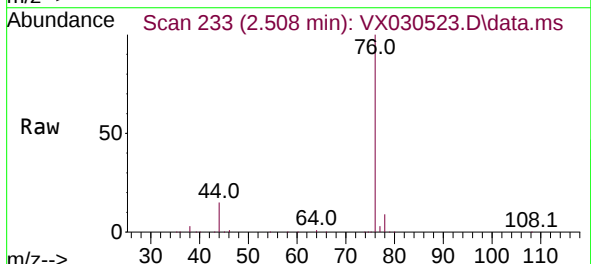
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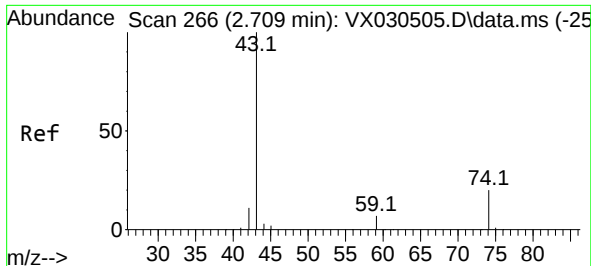
Tgt Ion: 43 Resp: 141605
Ion Ratio Lower Upper
43 100
58 28.5 0.0 57.8



#14
Carbon disulfide
Concen: 46.745 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

Tgt Ion: 76 Resp: 261178
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

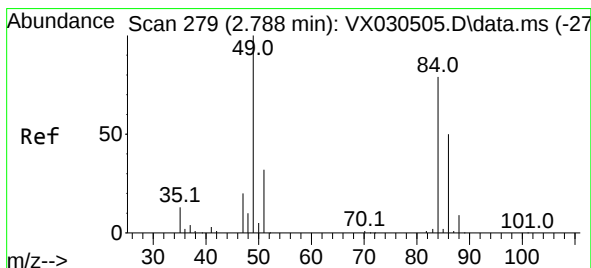
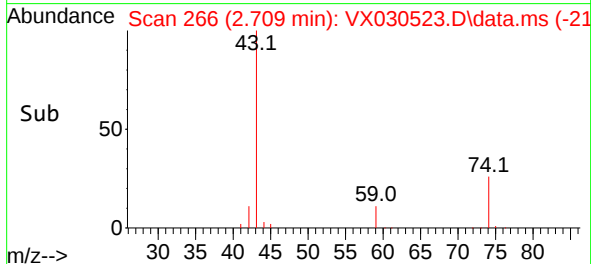
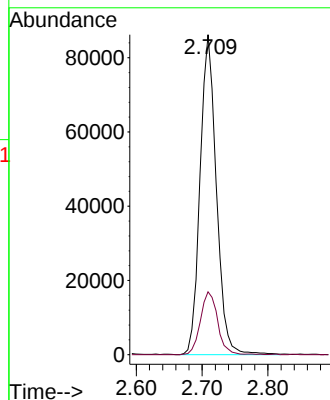
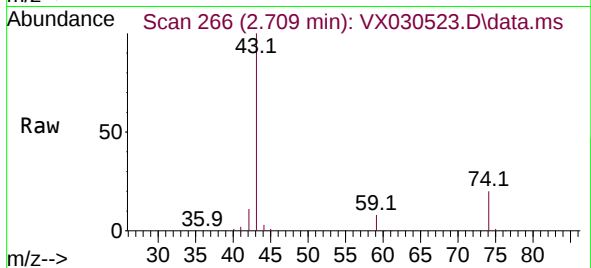




#15
Methyl Acetate
Concen: 53.524 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

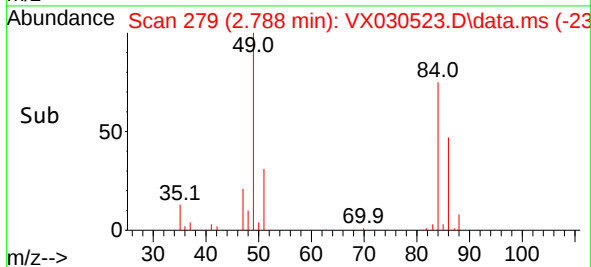
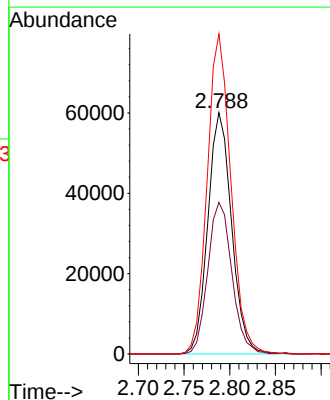
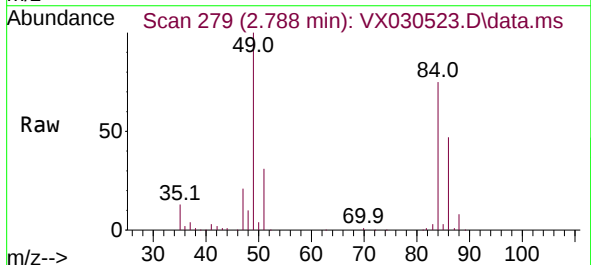
Instrument :
MSVOA_X
ClientSampleId :

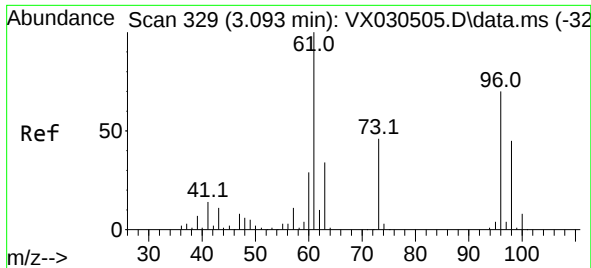
Tgt Ion: 43 Resp: 148801
Ion Ratio Lower Upper
43 100
74 20.6 17.2 25.8



#16
Methylene chloride
Concen: 49.603 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

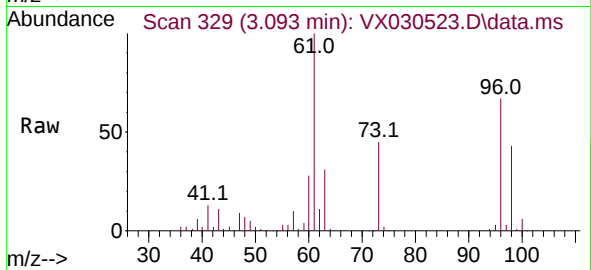
Tgt Ion: 84 Resp: 108427
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.2
49 132.6 89.0 165.2



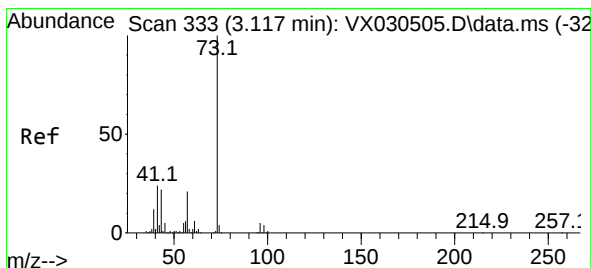
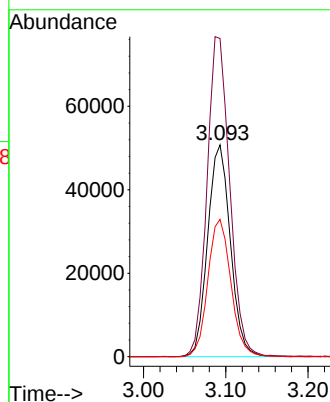
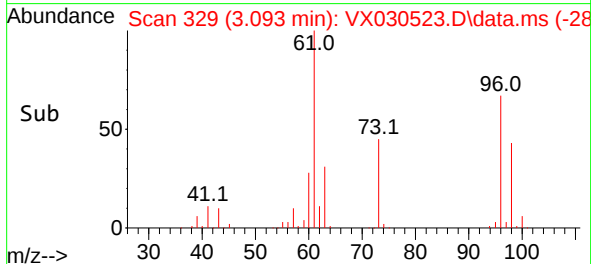


#17
trans-1,2-Dichloroethene
Concen: 48.856 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

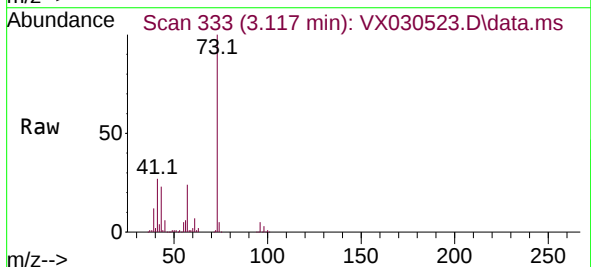
Instrument :
MSVOA_X
ClientSampleId :



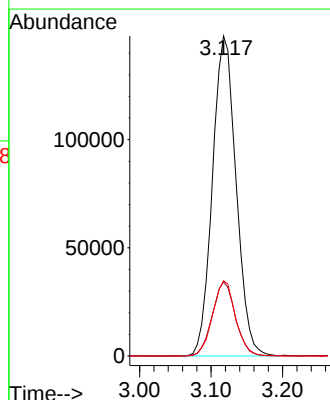
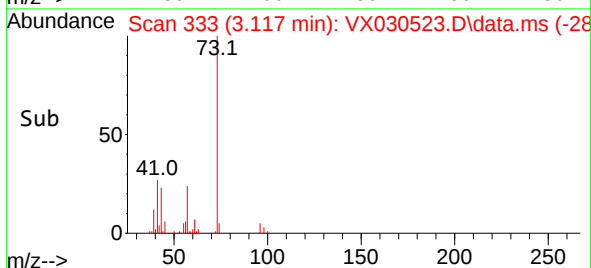
Tgt Ion: 96 Resp: 97573
Ion Ratio Lower Upper
96 100
61 150.1 103.7 192.5
98 64.8 41.5 77.1

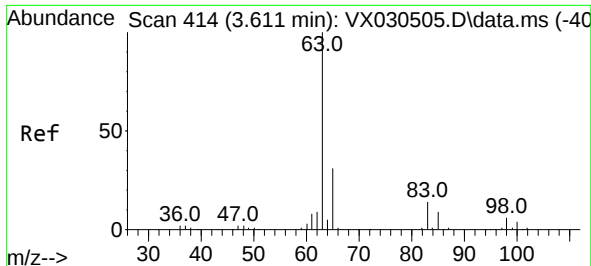


#18
Methyl tert-butyl Ether
Concen: 50.008 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14



Tgt Ion: 73 Resp: 339641
Ion Ratio Lower Upper
73 100
43 22.6 17.6 26.4
57 22.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.918 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX030523.D

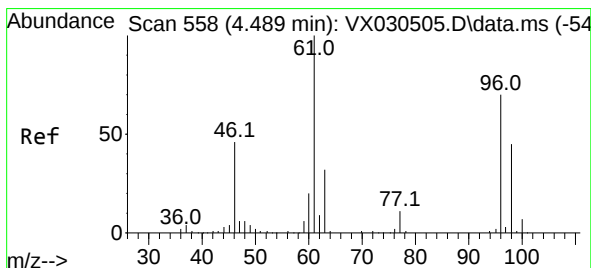
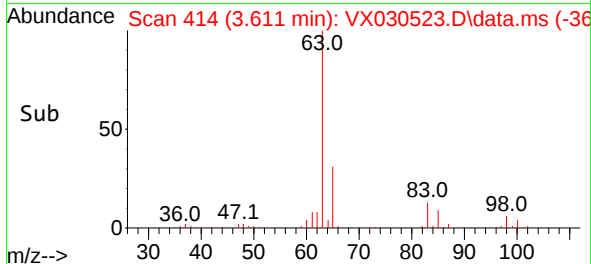
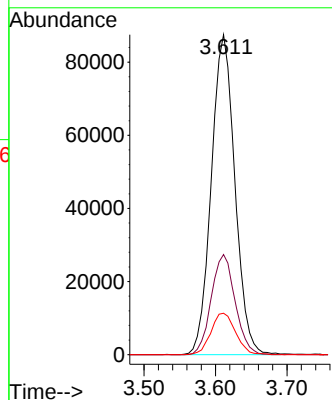
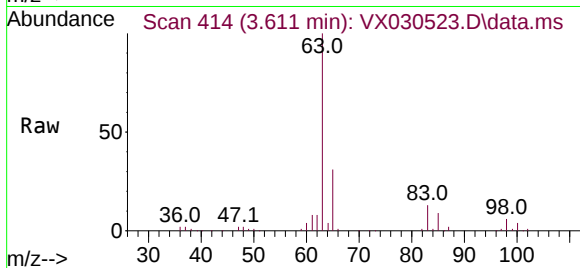
Acq: 09 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 200545
Ion Ratio	Lower Upper
63 100	
65 31.3	22.0 40.8
83 13.0	9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 49.953 ug/L

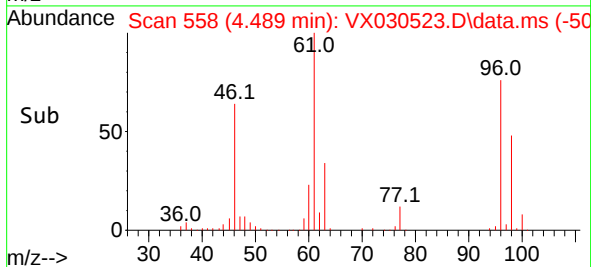
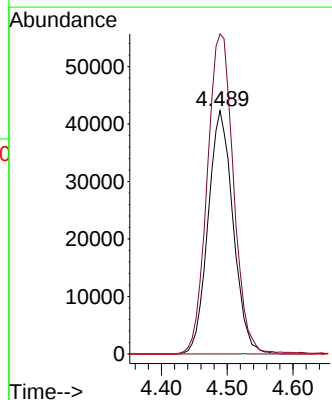
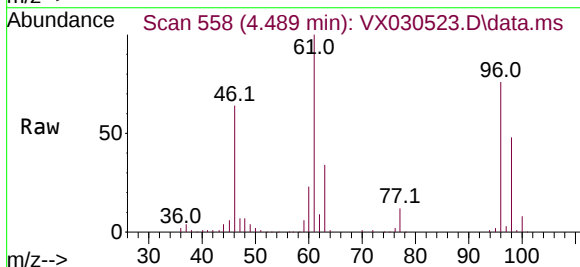
RT: 4.489 min Scan# 558

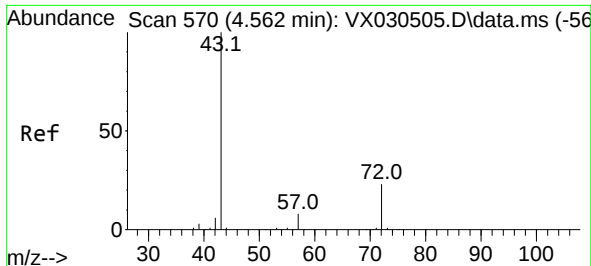
Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Tgt Ion: 96	Resp: 112224
Ion Ratio	Lower Upper
96 100	
61 131.6	94.0 174.6
68 0.0	0.0 0.0

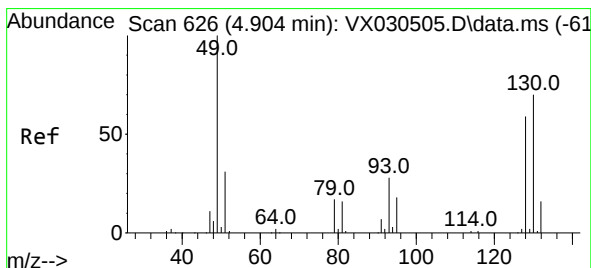
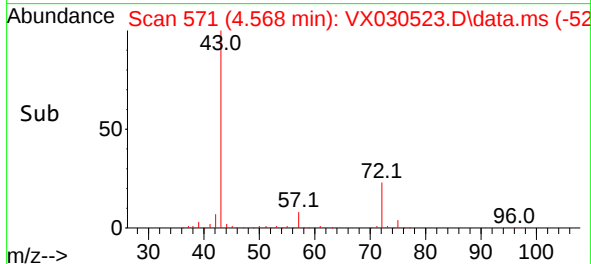
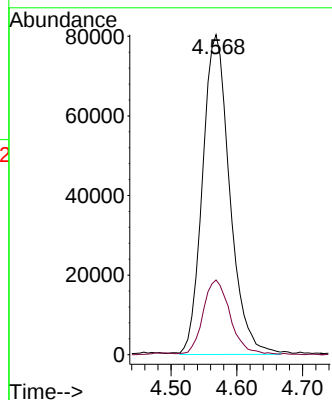
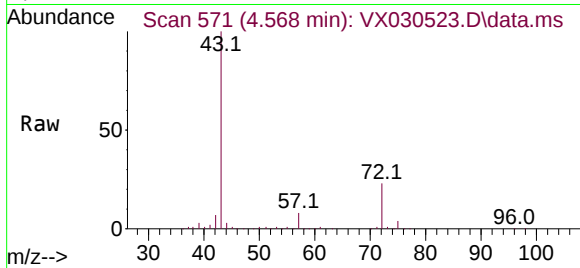




#22
2-Butanone
Concen: 109.181 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

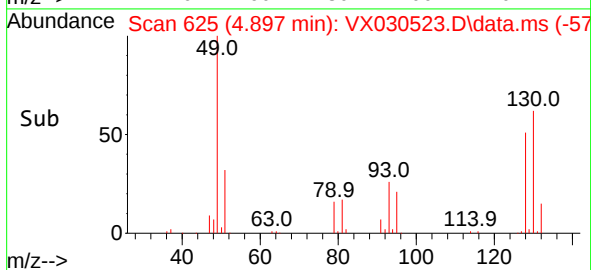
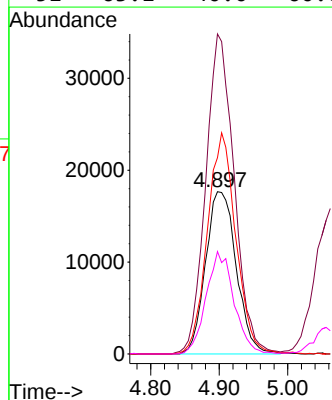
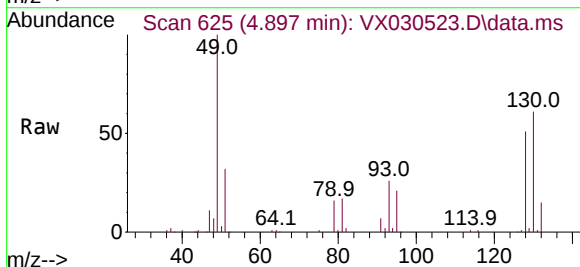
Instrument :
MSVOA_X
ClientSampleId :

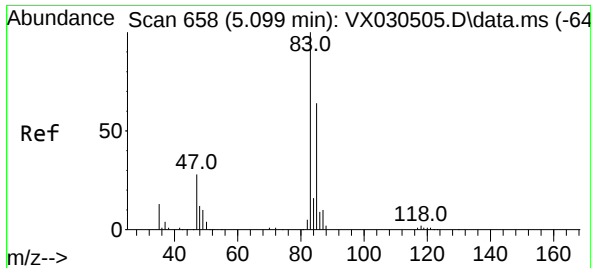
Tgt Ion: 43 Resp: 231332
Ion Ratio Lower Upper
43 100
72 23.2 11.7 35.1



#23
Bromochloromethane
Concen: 48.738 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

Tgt Ion: 128 Resp: 54910
Ion Ratio Lower Upper
128 100
49 197.3 116.8 216.8
130 121.1 90.3 167.7
51 63.1 40.0 60.0#

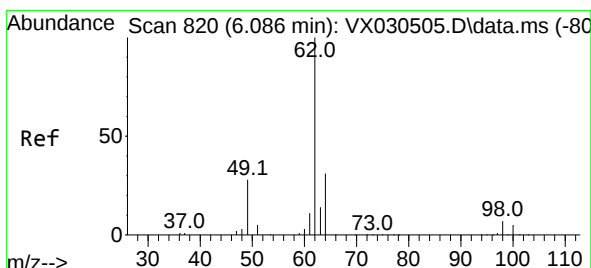
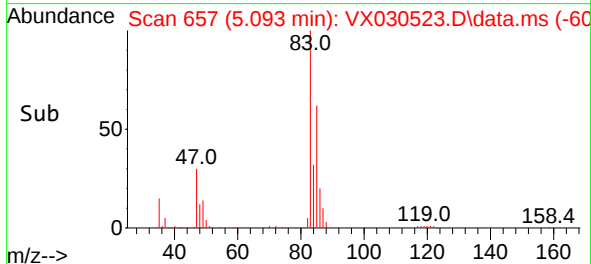
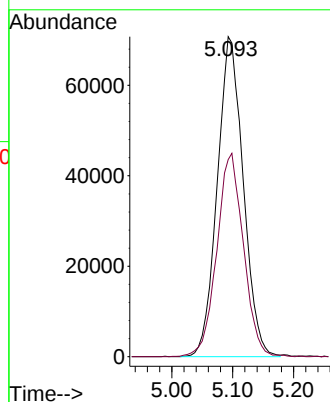
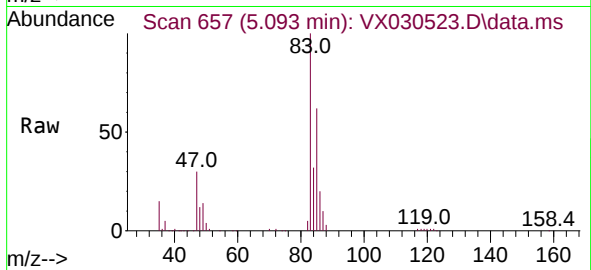




#25
Chloroform
Concen: 51.651 ug/L
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

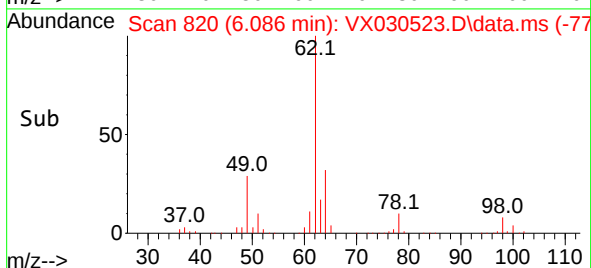
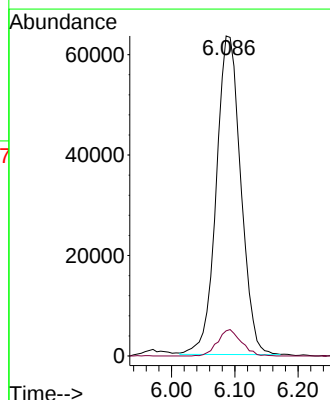
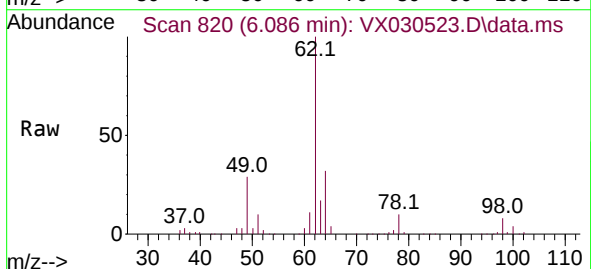
Instrument :
MSVOA_X
ClientSampleId :

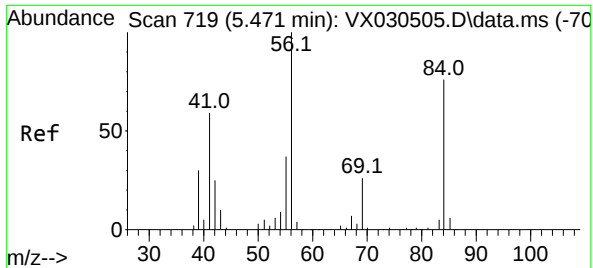
Tgt Ion: 83 Resp: 209627
Ion Ratio Lower Upper
83 100
85 61.6 45.6 84.6



#27
1,2-Dichloroethane
Concen: 50.548 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

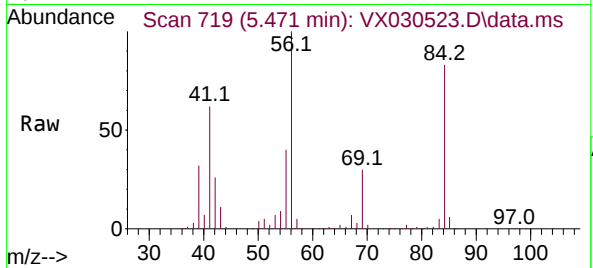
Tgt Ion: 62 Resp: 170745
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.6



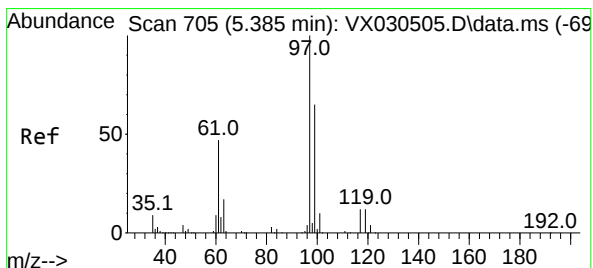
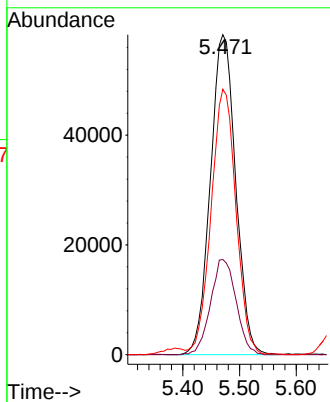
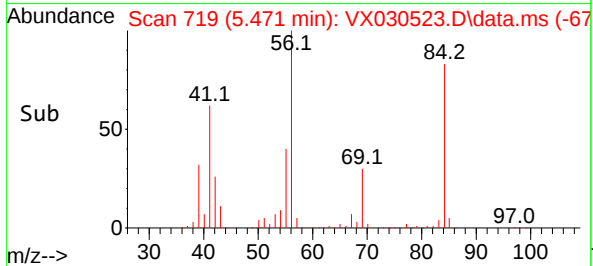


#29
Cyclohexane
Concen: 49.661 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

Instrument :
MSVOA_X
ClientSampleId :

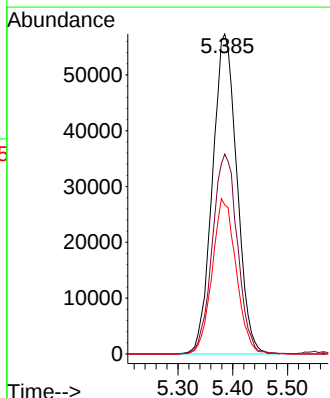
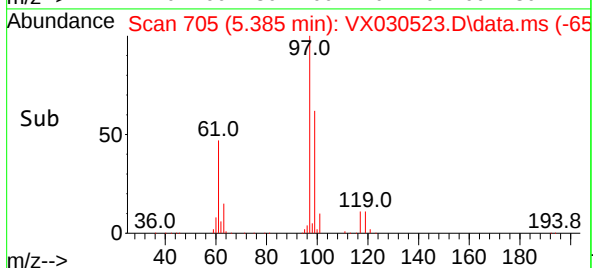
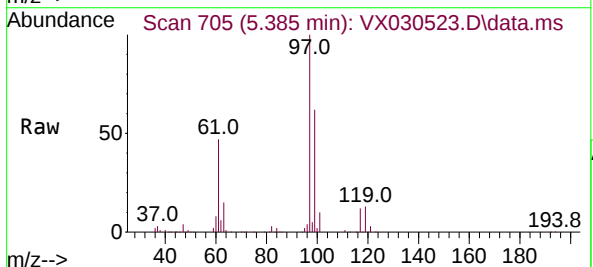


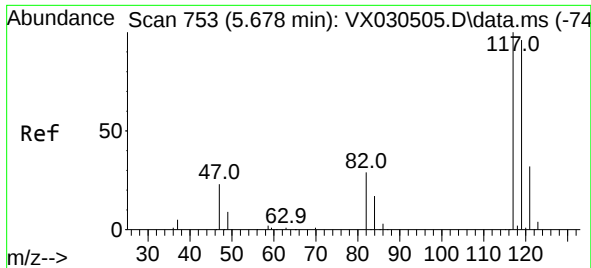
Tgt Ion: 56 Resp: 181090
Ion Ratio Lower Upper
56 100
69 29.9 24.3 36.5
84 81.4 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 49.090 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

Tgt Ion: 97 Resp: 177615
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 47.4 37.0 55.6

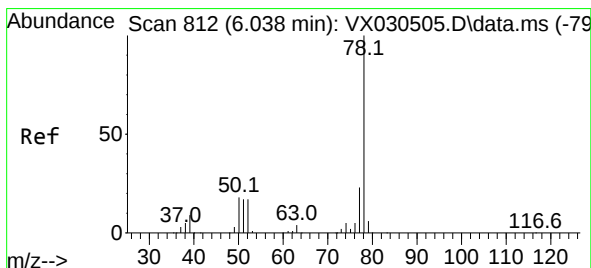
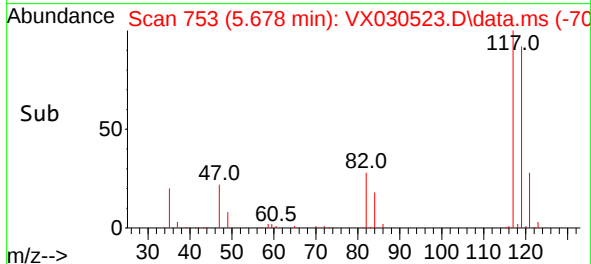
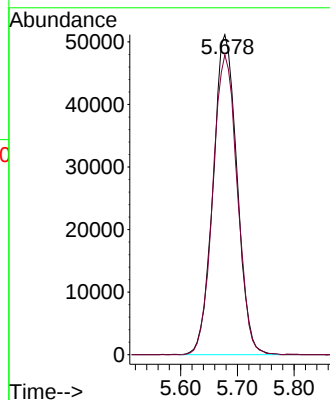
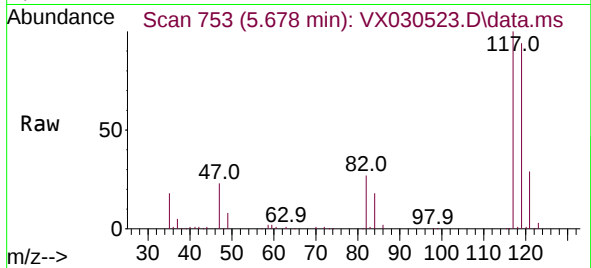




#31
Carbon tetrachloride
Concen: 50.084 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

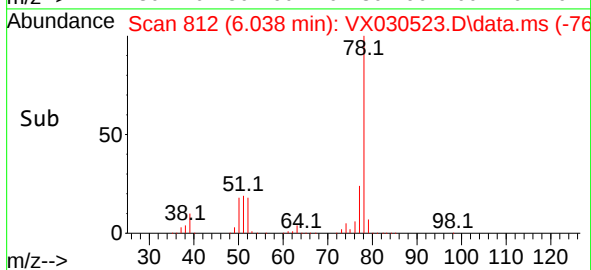
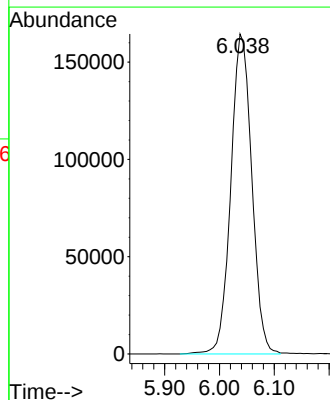
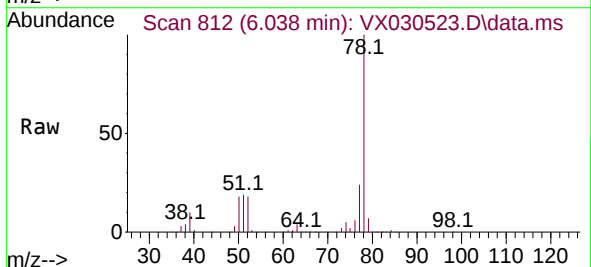
Instrument :
MSVOA_X
ClientSampleId :

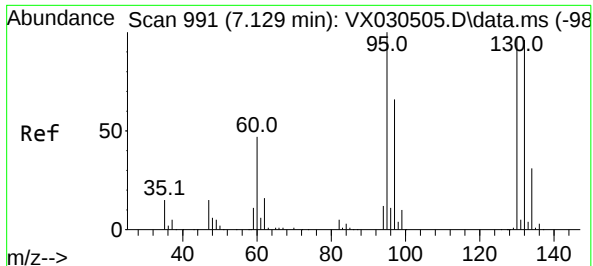
Tgt Ion:117 Resp: 149561
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2



#33
Benzene
Concen: 49.721 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

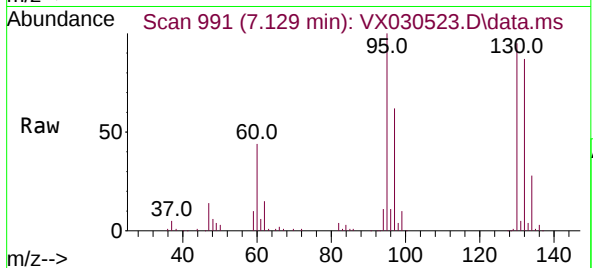
Tgt Ion: 78 Resp: 437273



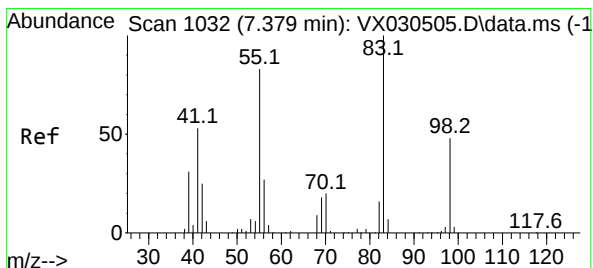
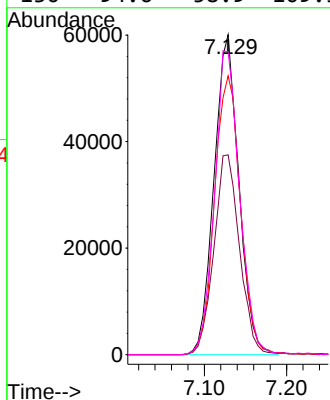
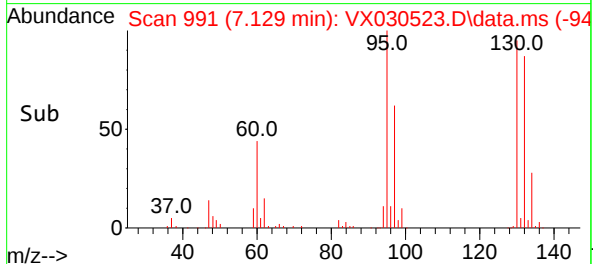


#34
Trichloroethene
Concen: 49.410 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

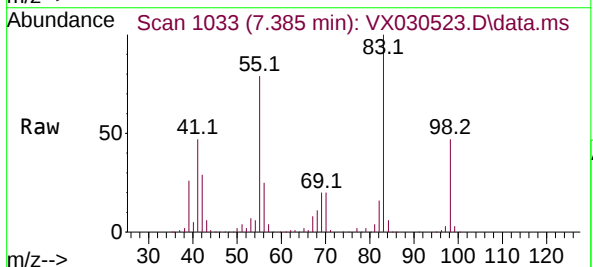
Instrument :
MSVOA_X
ClientSampleId :



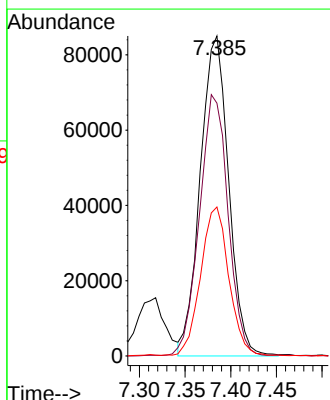
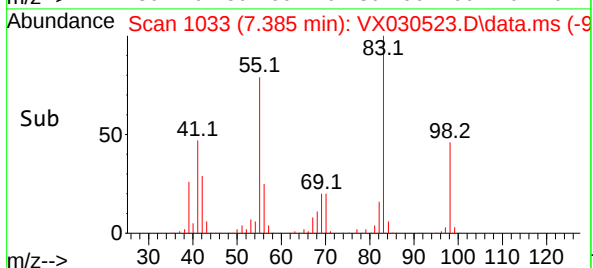
Tgt Ion: 95 Resp: 125854
Ion Ratio Lower Upper
95 100
97 62.5 40.2 74.6
132 87.2 55.3 102.7
130 94.6 58.9 109.5

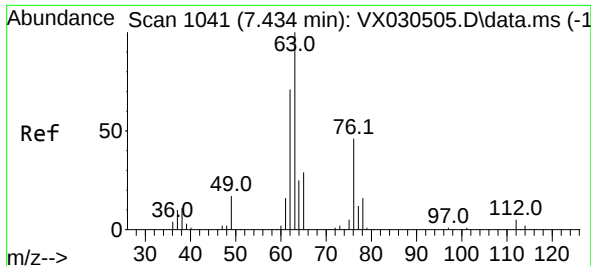


#35
Methylcyclohexane
Concen: 49.539 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14



Tgt Ion: 83 Resp: 183692
Ion Ratio Lower Upper
83 100
55 82.3 64.0 96.0
98 46.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 51.709 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Instrument :

MSVOA_X

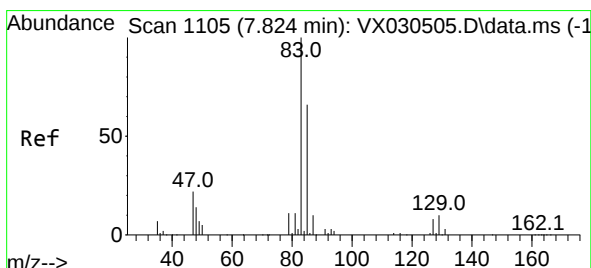
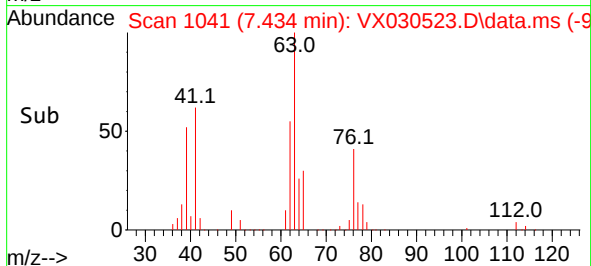
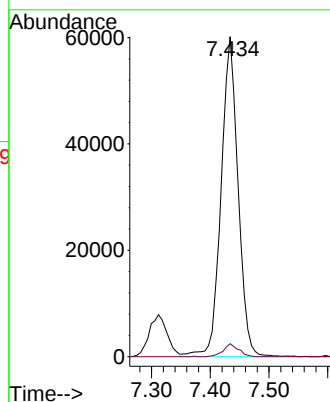
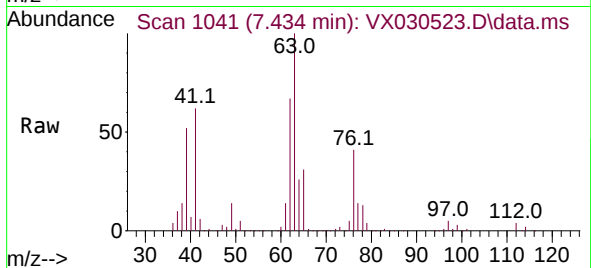
ClientSampleId :

Tgt Ion: 63 Resp: 120912

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.4



#38

Bromodichloromethane

Concen: 51.436 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

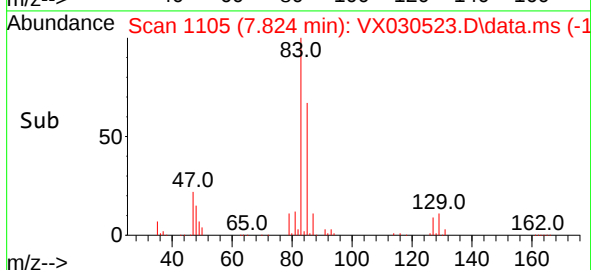
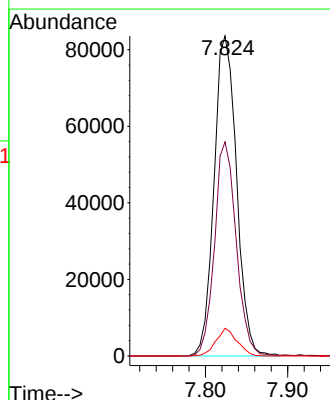
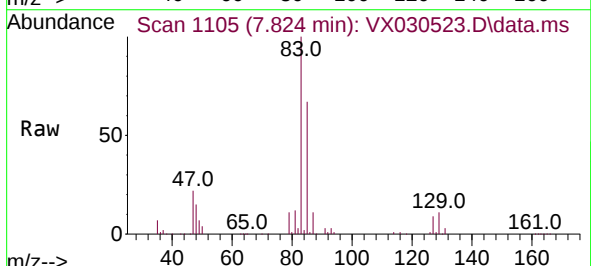
Tgt Ion: 83 Resp: 159181

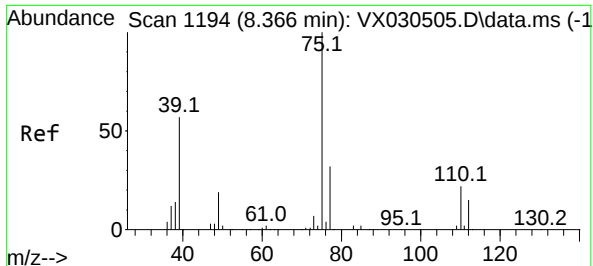
Ion Ratio Lower Upper

83 100

85 66.9 42.5 78.9

127 8.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 50.989 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Instrument :

MSVOA_X

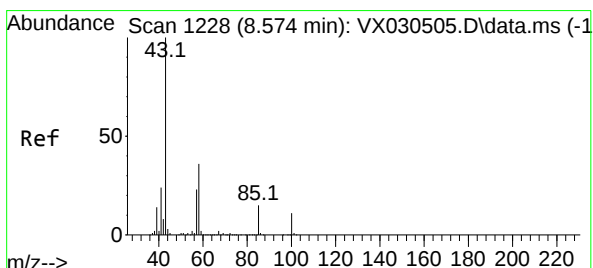
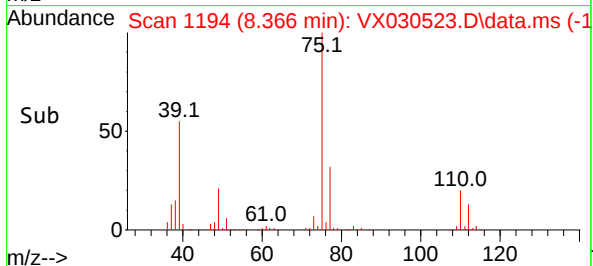
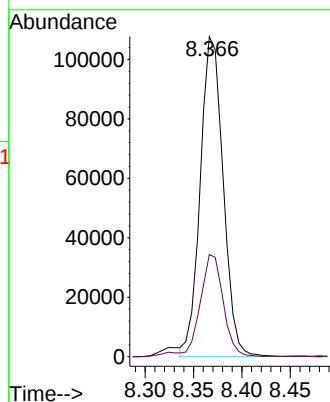
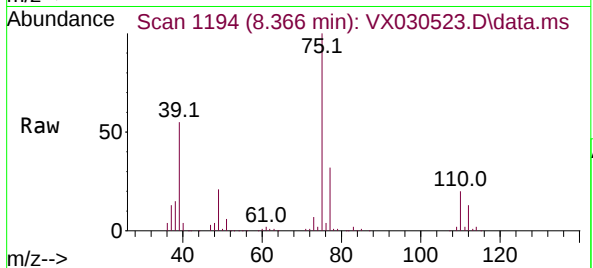
ClientSampleId :

Tgt Ion: 75 Resp: 177858

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 105.706 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

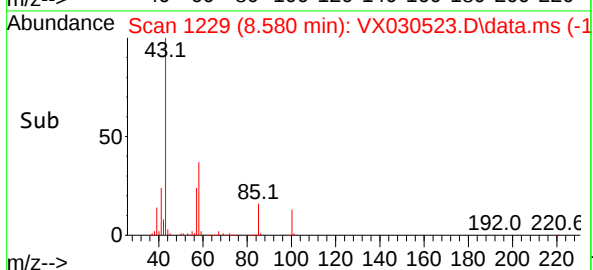
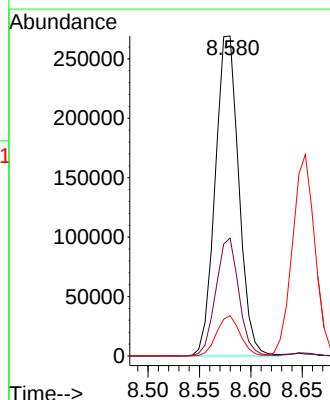
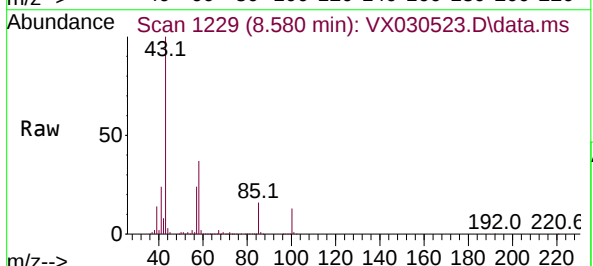
Tgt Ion: 43 Resp: 430442

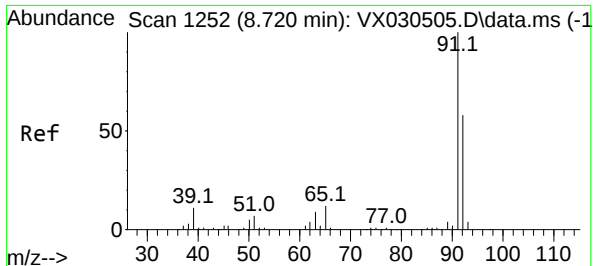
Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.6

100 12.5 10.5 15.7





#42

Toluene

Concen: 49.866 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Instrument :

MSVOA_X

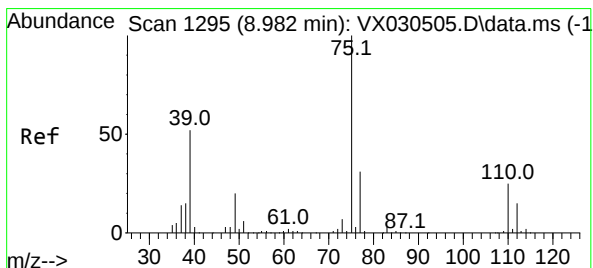
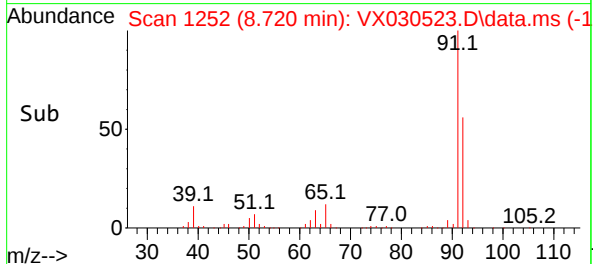
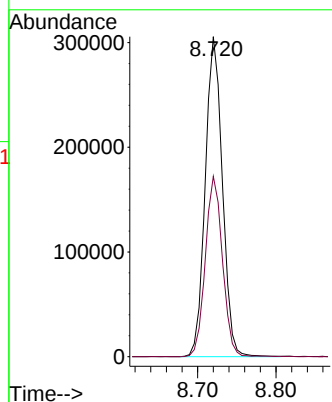
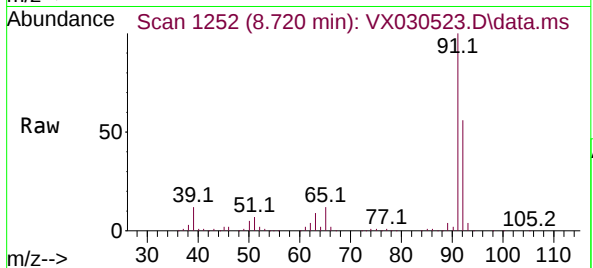
ClientSampleId :

Tgt Ion: 91 Resp: 463281

Ion Ratio Lower Upper

91 100

92 56.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 51.356 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030523.D

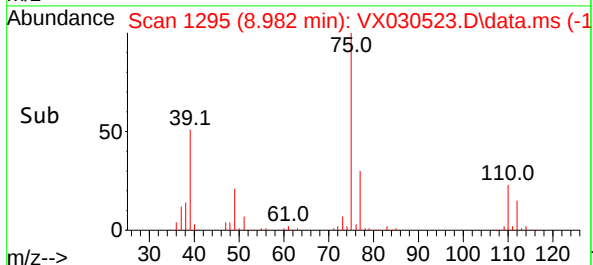
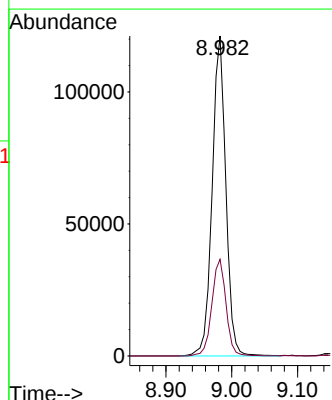
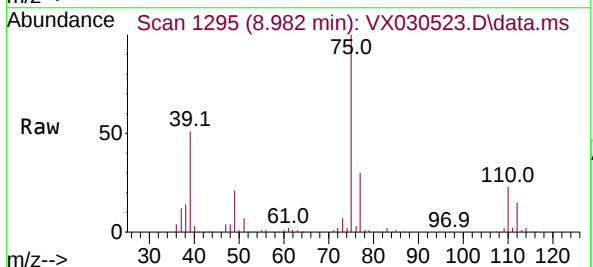
Acq: 09 Aug 2022 12:14

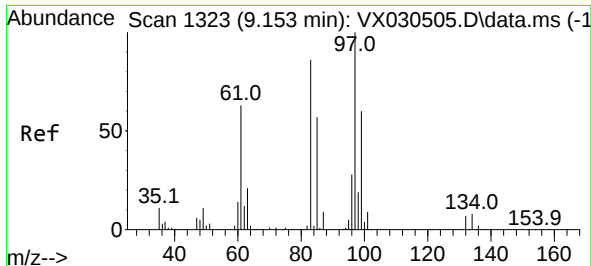
Tgt Ion: 75 Resp: 175336

Ion Ratio Lower Upper

75 100

77 30.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 50.343 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 109460

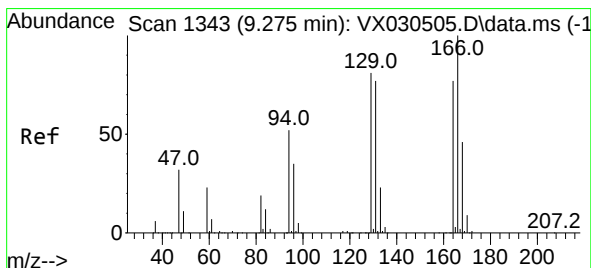
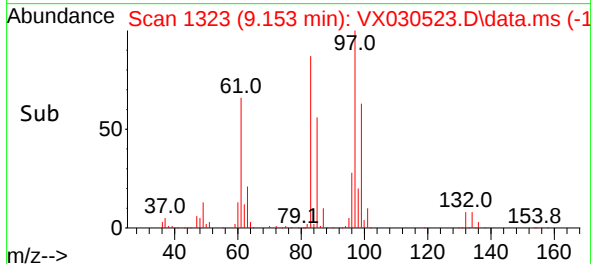
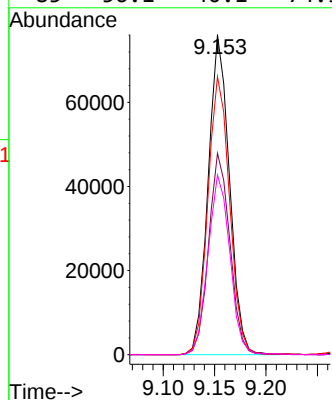
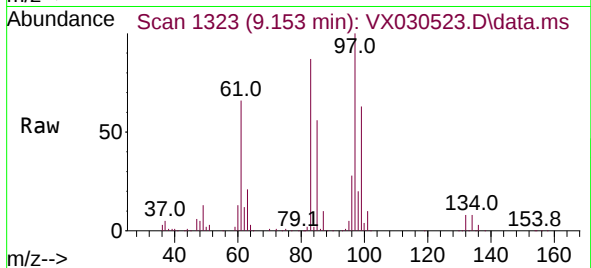
Ion Ratio Lower Upper

97 100

99 62.9 43.3 80.3

83 86.9 63.0 117.0

85 56.1 40.1 74.5



#46

Tetrachloroethene

Concen: 48.259 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Tgt Ion:164 Resp: 77685

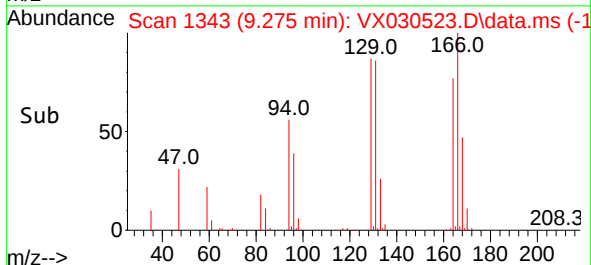
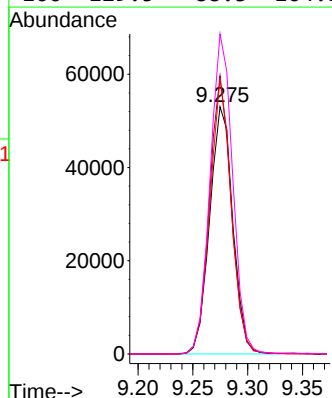
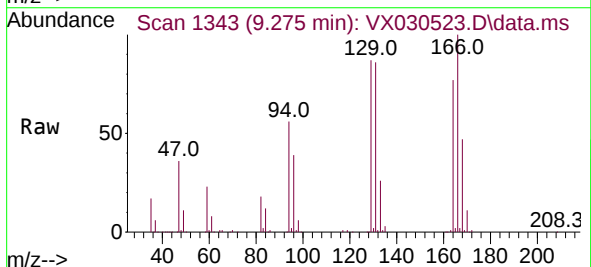
Ion Ratio Lower Upper

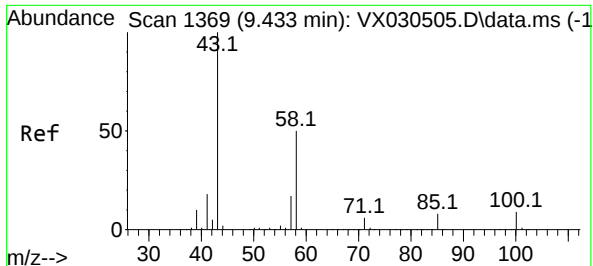
164 100

129 112.5 72.7 135.1

131 111.5 69.9 129.9

166 129.5 88.3 164.1





#48

2-Hexanone

Concen: 112.703 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

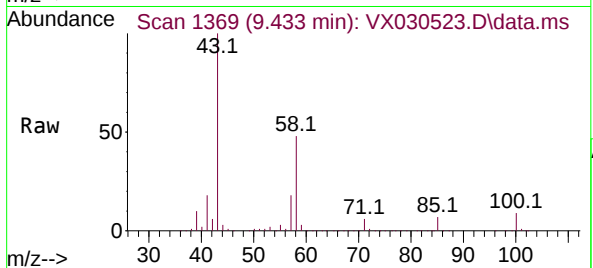
Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 356578

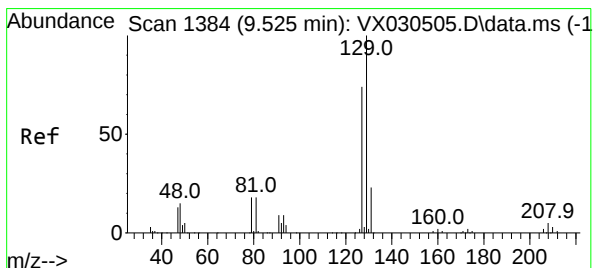
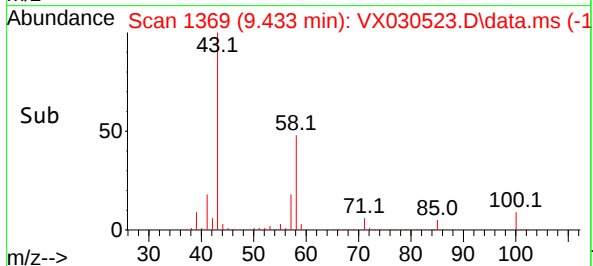
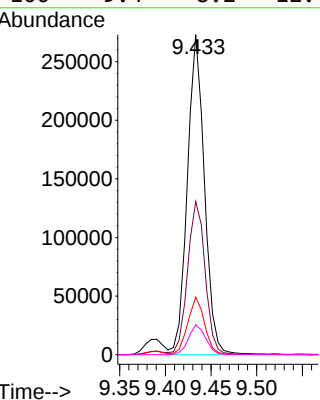
Ion Ratio Lower Upper

43 100

58 49.1 40.4 60.6

57 17.7 14.6 22.0

100 9.4 8.2 12.4



#49

Dibromochloromethane

Concen: 49.354 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030523.D

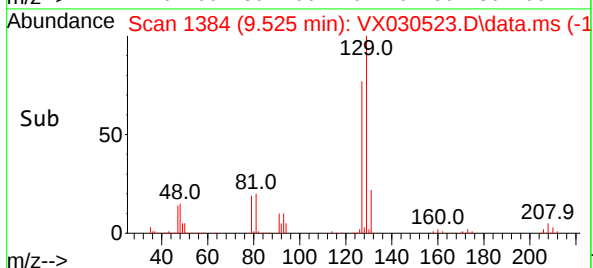
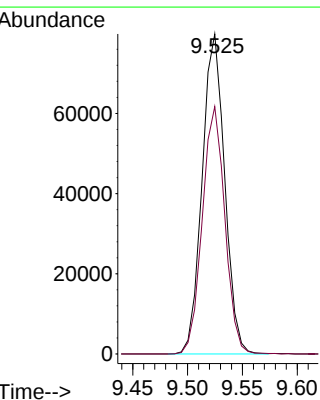
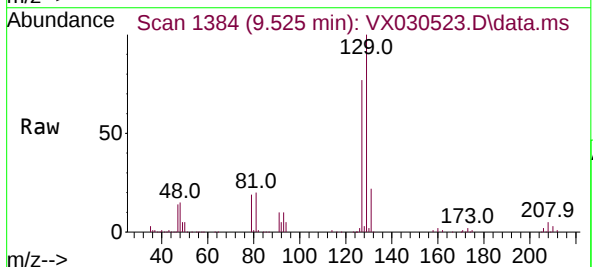
Acq: 09 Aug 2022 12:14

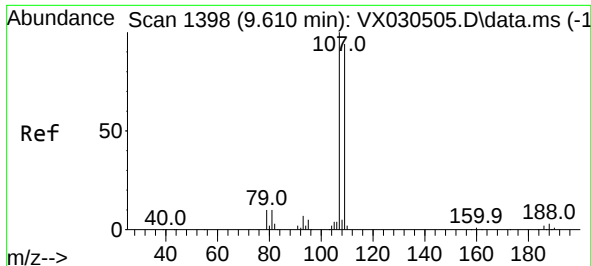
Tgt Ion:129 Resp: 114165

Ion Ratio Lower Upper

129 100

127 77.3 55.6 103.2





#50

1,2-Dibromoethane

Concen: 48.978 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

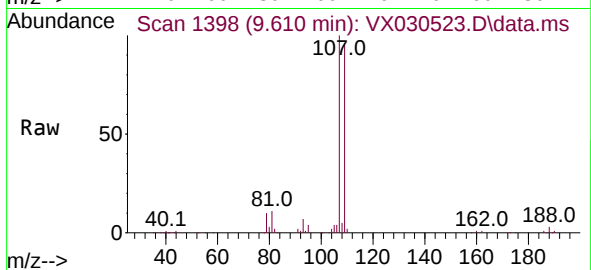
Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

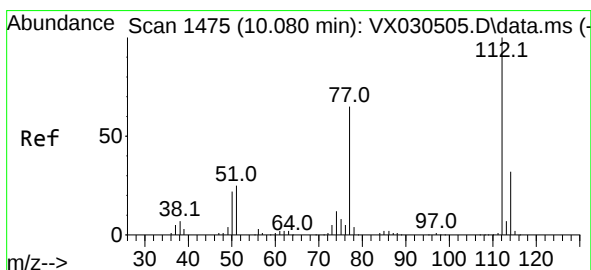
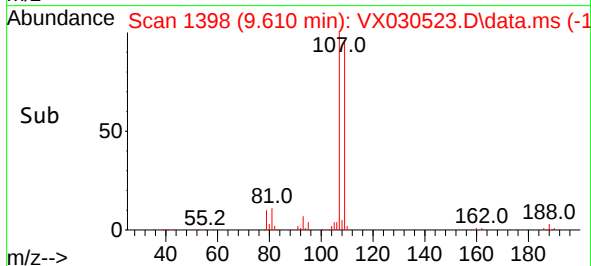
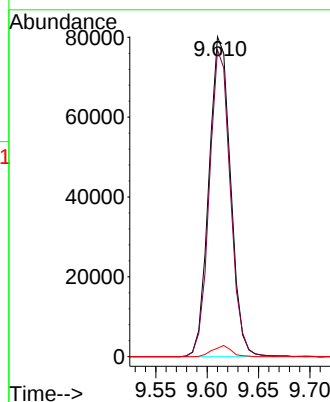
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	107	Resp:	117111
Ion	Ratio	Lower	Upper
107	100		
109	95.9	64.8	120.4
188	2.7	2.2	3.2



#51

Chlorobenzene

Concen: 50.084 ug/L

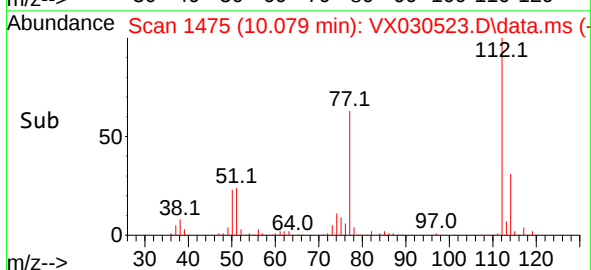
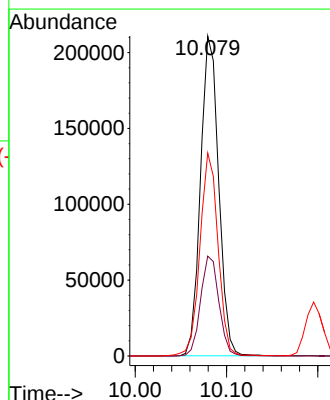
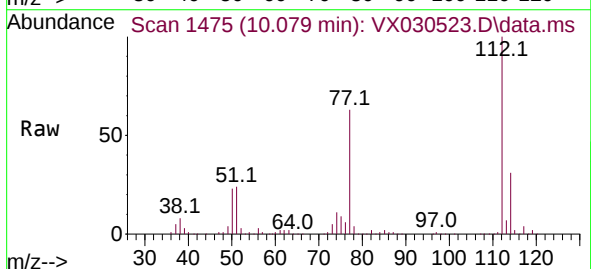
RT: 10.079 min Scan# 1475

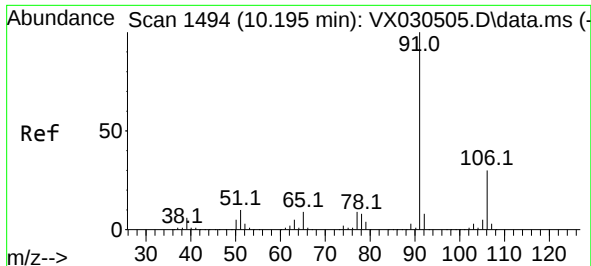
Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Tgt Ion:	112	Resp:	289885
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.3	41.5
77	63.5	50.8	76.2





#52

Ethylbenzene

Concen: 50.852 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Instrument :

MSVOA_X

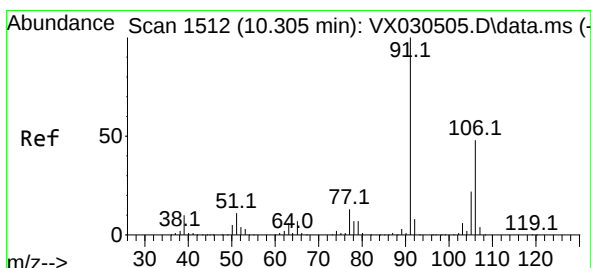
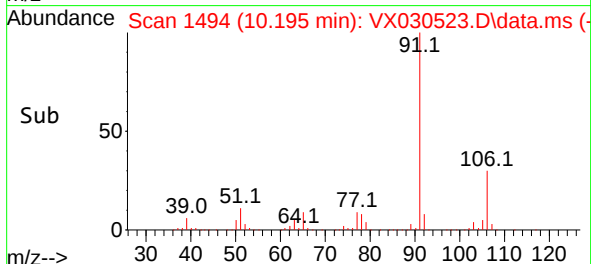
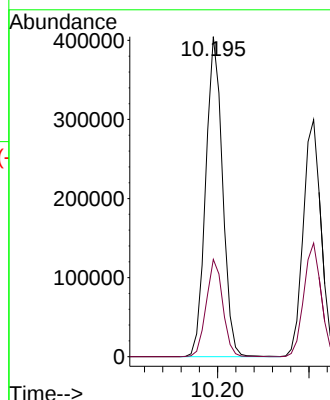
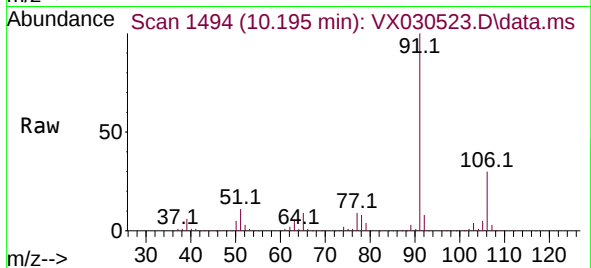
ClientSampleId :

Tgt Ion: 91 Resp: 515134

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5



#53

m,p-Xylene

Concen: 50.211 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030523.D

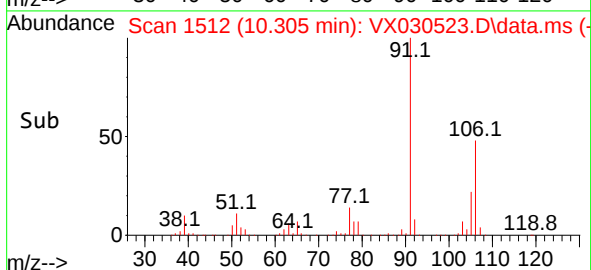
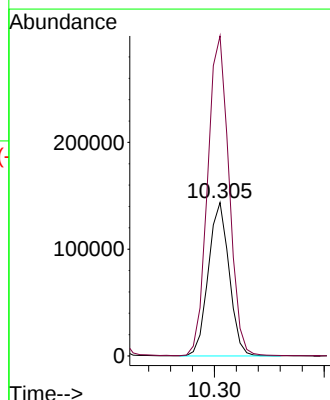
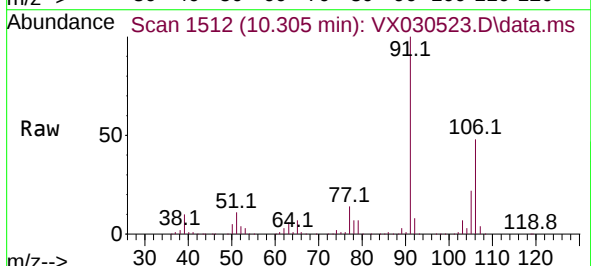
Acq: 09 Aug 2022 12:14

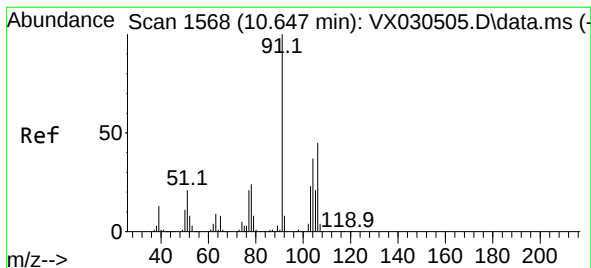
Tgt Ion: 106 Resp: 189582

Ion Ratio Lower Upper

106 100

91 208.5 147.8 274.6





#54

o-Xylene

Concen: 50.131 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Instrument :

MSVOA_X

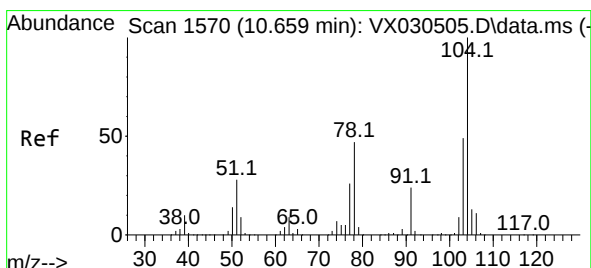
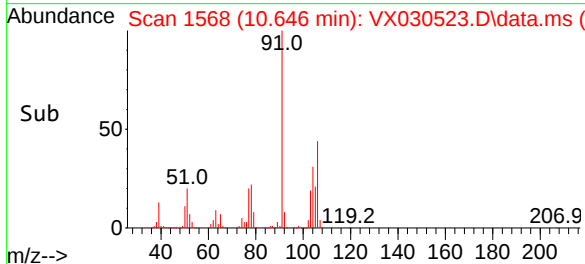
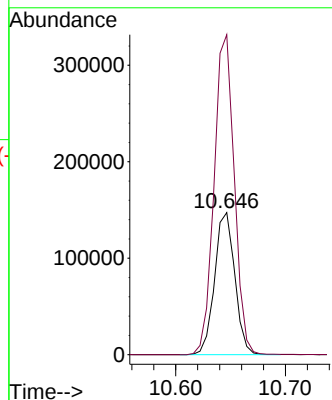
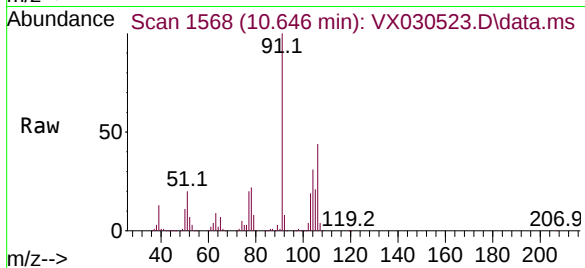
ClientSampleId :

Tgt Ion:106 Resp: 188612

Ion Ratio Lower Upper

106 100

91 225.2 157.8 293.0



#55

Styrene

Concen: 51.486 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030523.D

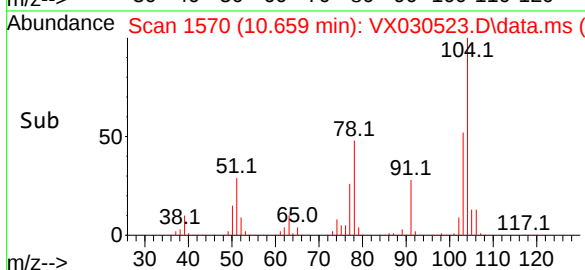
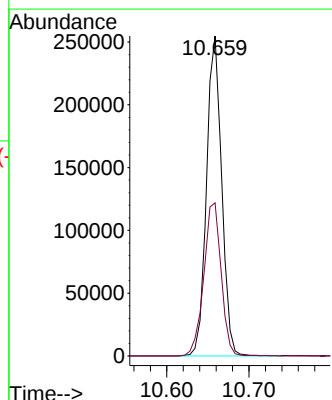
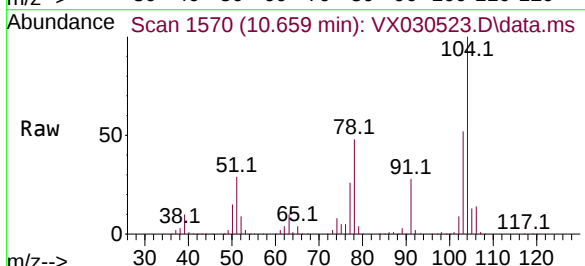
Acq: 09 Aug 2022 12:14

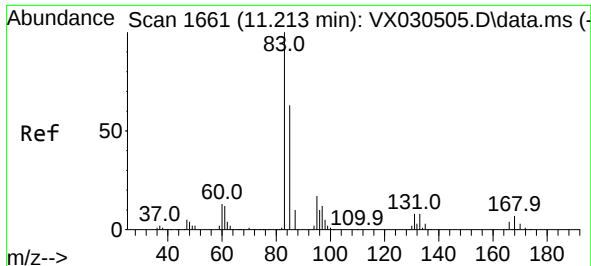
Tgt Ion:104 Resp: 326164

Ion Ratio Lower Upper

104 100

78 47.8 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 52.045 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

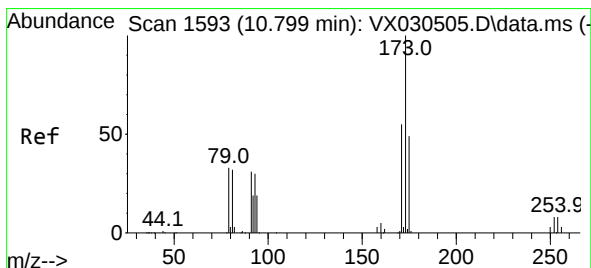
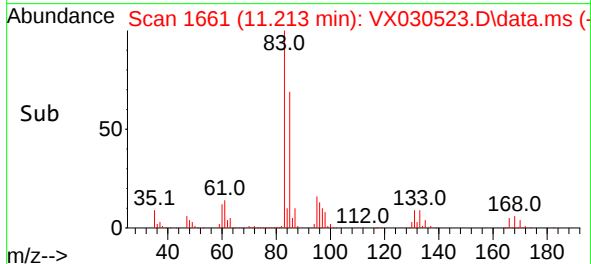
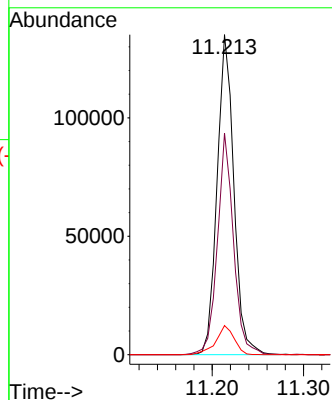
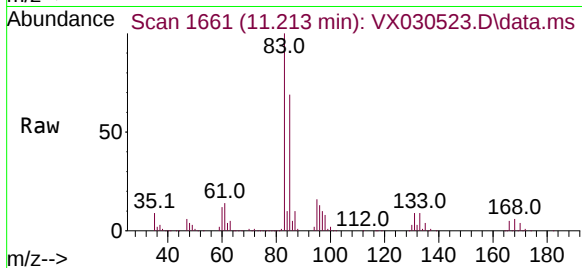
Tgt Ion: 83 Resp: 172184

Ion Ratio Lower Upper

83 100

85 69.3 44.4 82.4

131 9.1 7.5 11.3



#59

Bromoform

Concen: 49.509 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030523.D

Acq: 09 Aug 2022 12:14

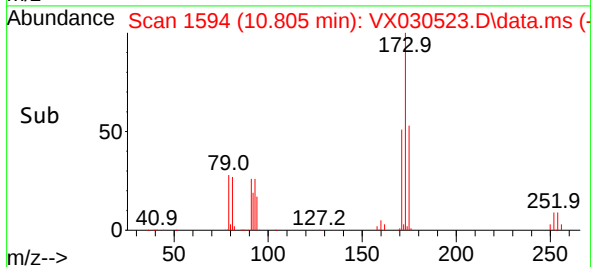
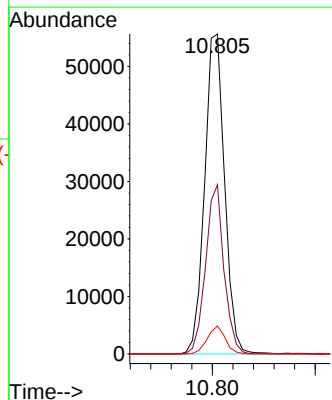
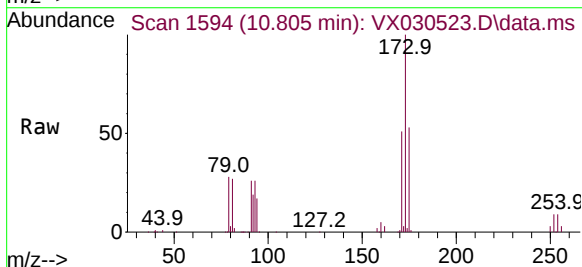
Tgt Ion:173 Resp: 75264

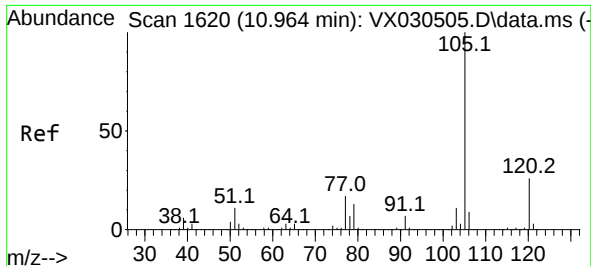
Ion Ratio Lower Upper

173 100

175 48.5 38.9 58.3

254 7.9 7.0 10.4

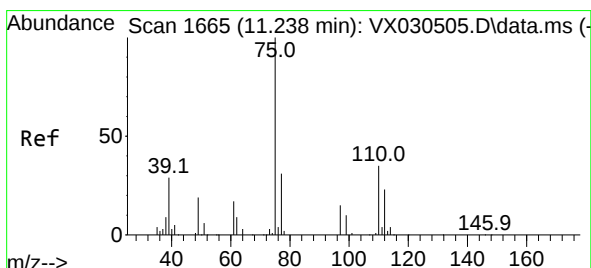
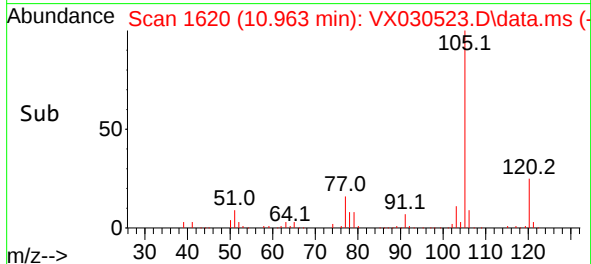
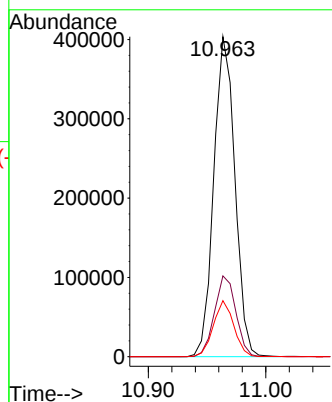
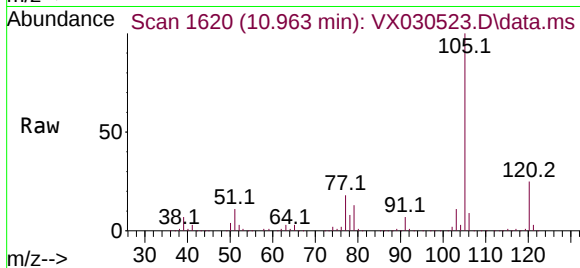




#60
Isopropylbenzene
Concen: 50.940 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

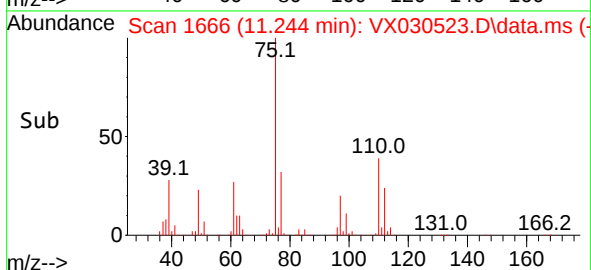
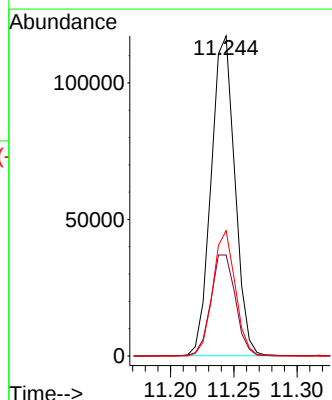
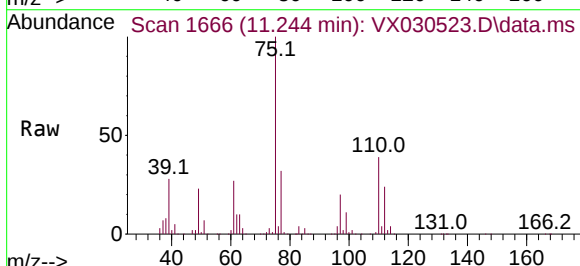
Instrument :
MSVOA_X
ClientSampleId :

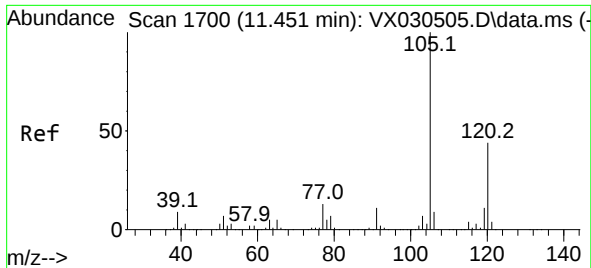
Tgt Ion:105 Resp: 504057
Ion Ratio Lower Upper
105 100
120 25.5 20.6 31.0
77 17.0 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 51.002 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

Tgt Ion: 75 Resp: 152904
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1
110 37.0 30.5 45.7

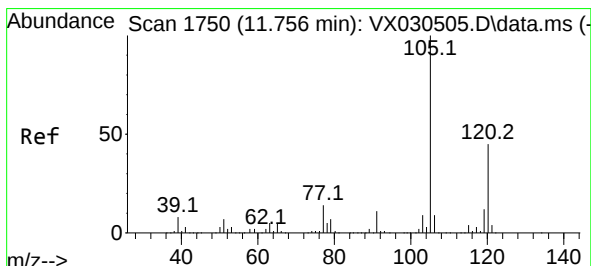
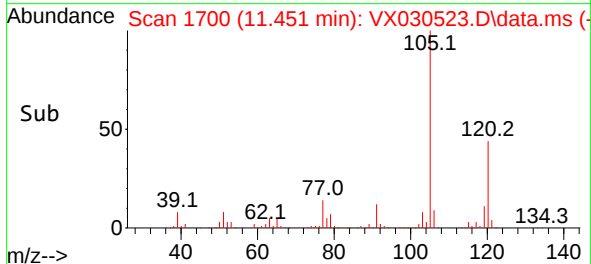
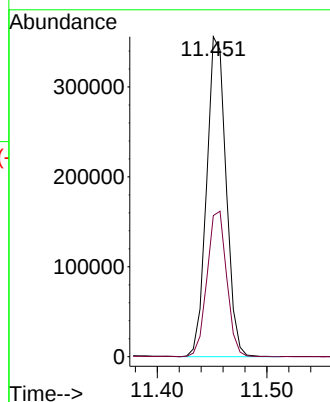
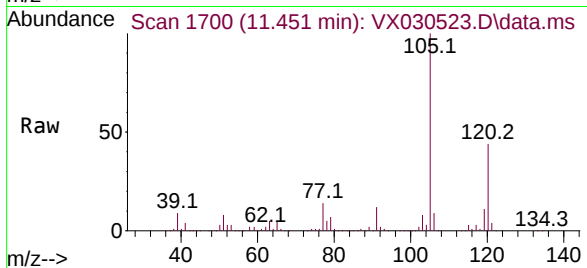




#62
 1,3,5-Trimethylbenzene
 Concen: 51.881 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

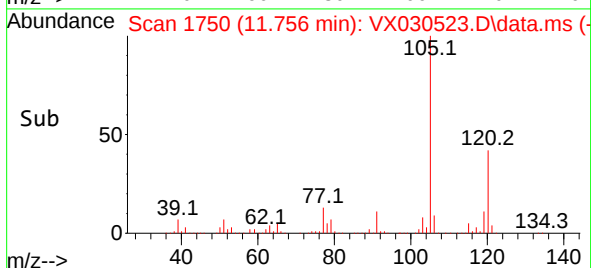
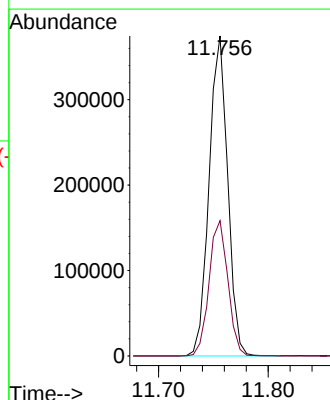
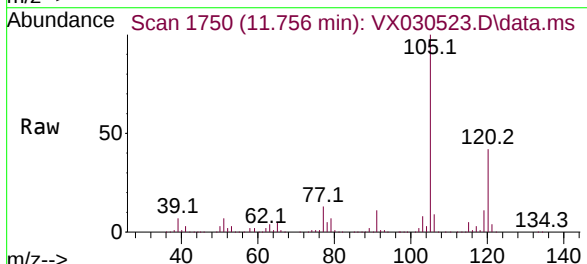
Instrument :
 MSVOA_X
 ClientSampleId :

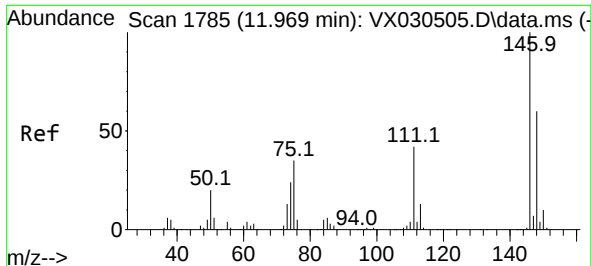
Tgt Ion:105 Resp: 438287
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 51.548 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

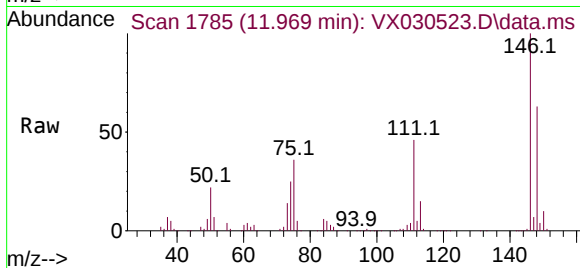
Tgt Ion:105 Resp: 439782
 Ion Ratio Lower Upper
 105 100
 120 42.8 35.9 53.9



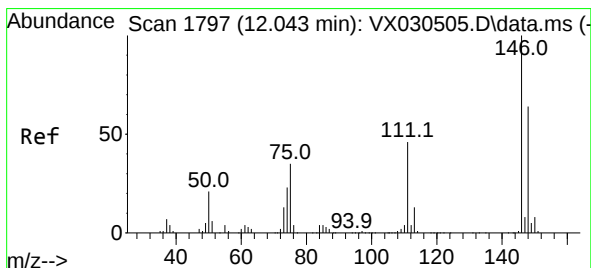
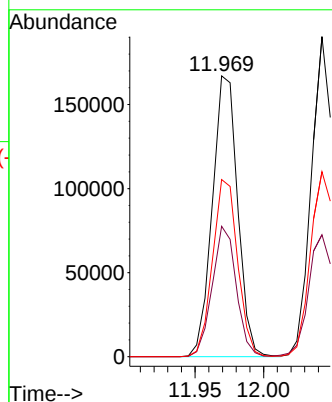
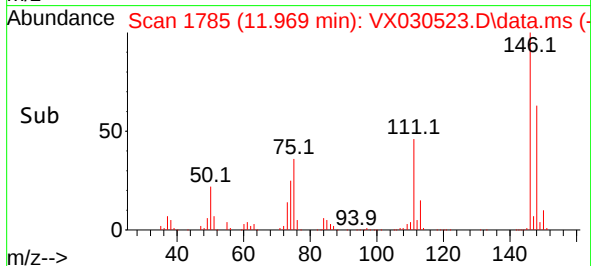


#64
1,3-Dichlorobenzene
Concen: 49.872 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

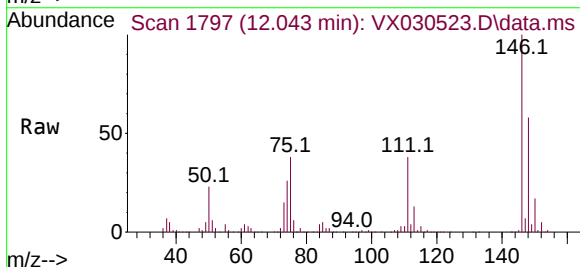
Instrument :
MSVOA_X
ClientSampleId :



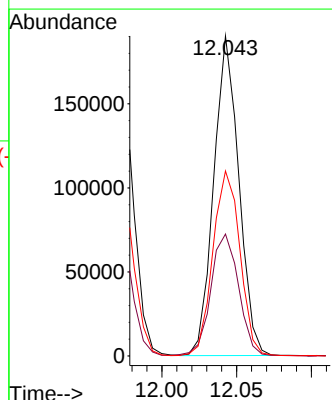
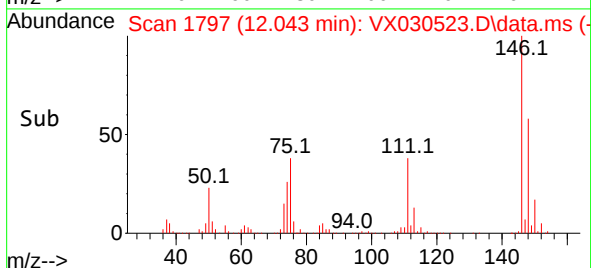
Tgt Ion:146 Resp: 214525
Ion Ratio Lower Upper
146 100
111 46.5 30.9 57.5
148 63.1 42.6 79.0

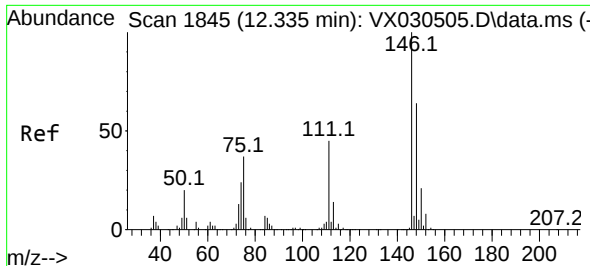


#65
1,4-Dichlorobenzene
Concen: 50.653 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14



Tgt Ion:146 Resp: 221495
Ion Ratio Lower Upper
146 100
111 38.1 32.6 60.6
148 57.8 48.3 89.7

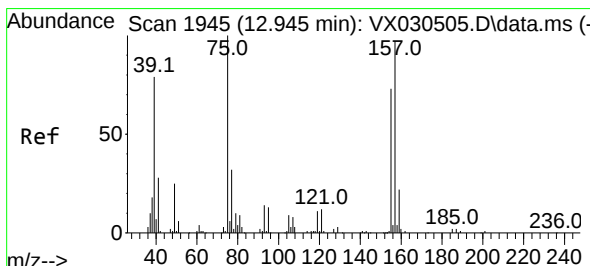
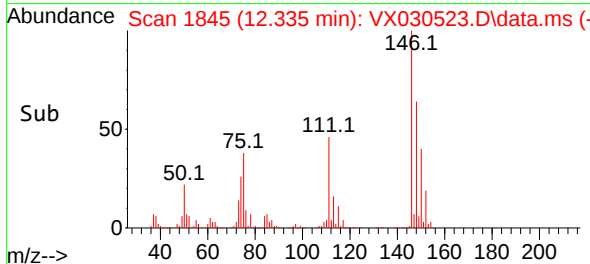
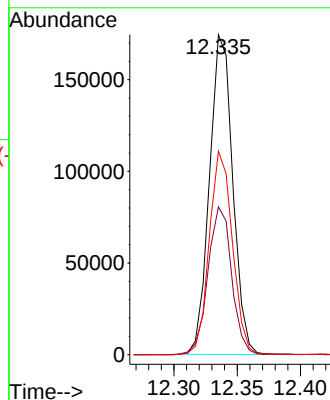
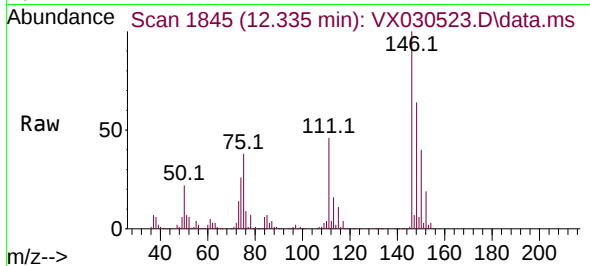




#67
1,2-Dichlorobenzene
Concen: 50.139 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

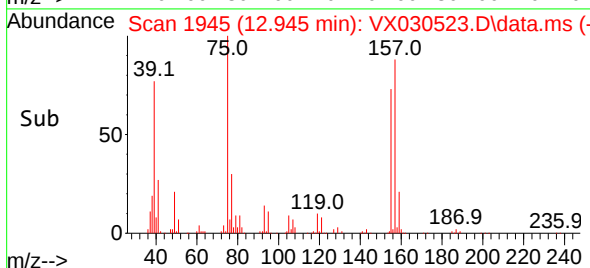
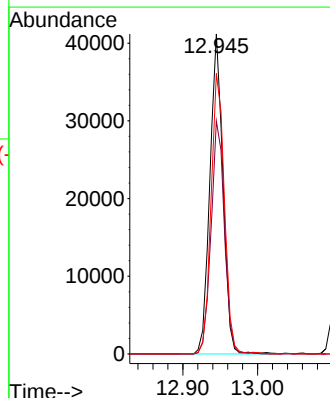
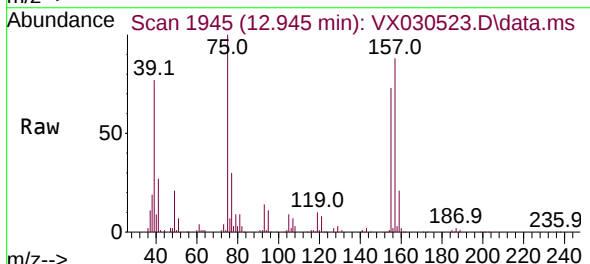
Instrument :
MSVOA_X
ClientSampleId :

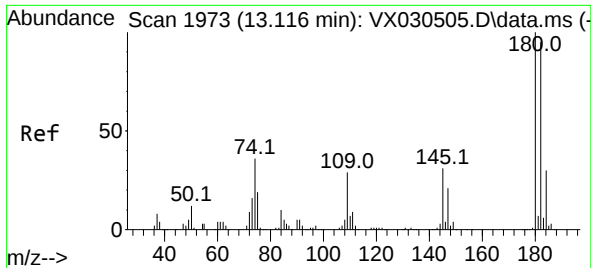
Tgt Ion:146 Resp: 223032
Ion Ratio Lower Upper
146 100
111 46.2 36.9 55.3
148 63.6 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 50.612 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

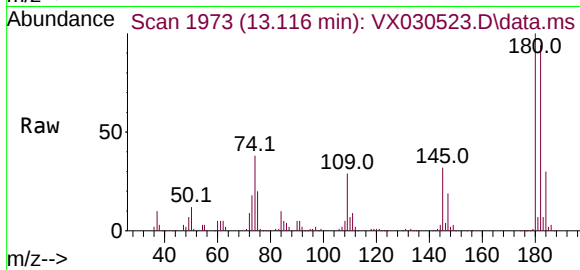
Tgt Ion: 75 Resp: 50052
Ion Ratio Lower Upper
75 100
155 72.8 57.1 85.7
157 87.7 73.1 109.7



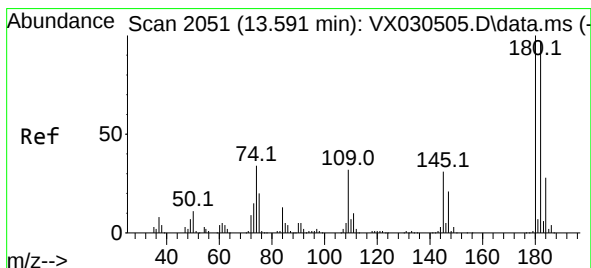
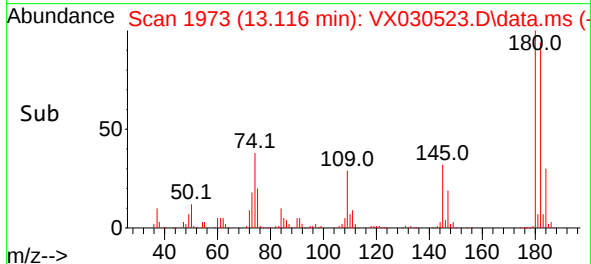
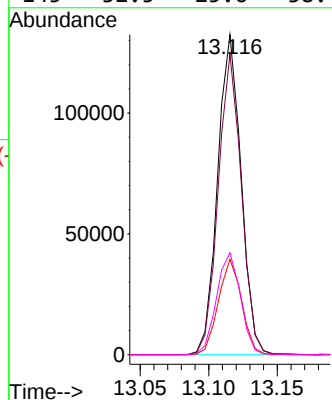


#69
 1,3,5-Trichlorobenzene
 Concen: 52.239 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

Instrument :
 MSVOA_X
 ClientSampleId :

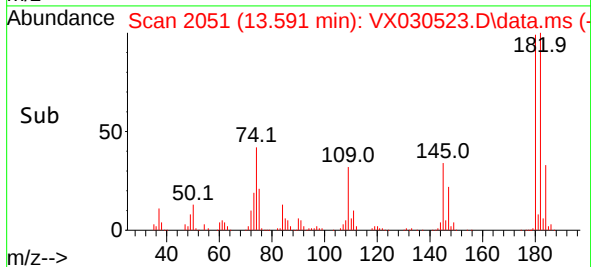
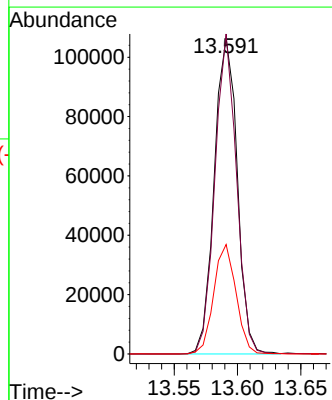
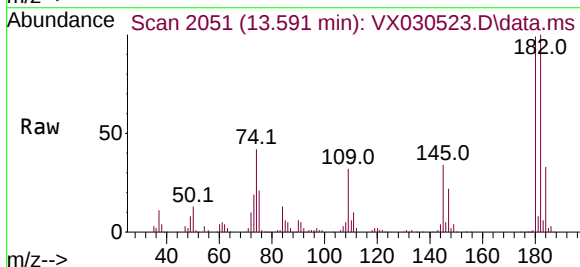


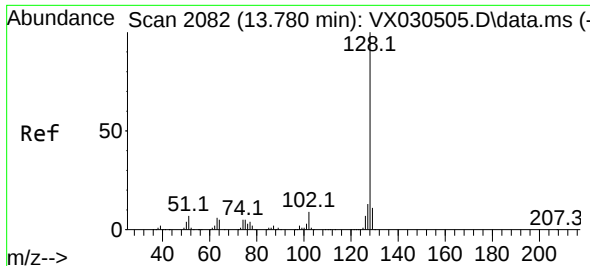
Tgt Ion:180 Resp: 157582
 Ion Ratio Lower Upper
 180 100
 182 92.6 73.7 110.5
 184 29.6 24.1 36.1
 145 32.5 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 50.508 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX030523.D
 Acq: 09 Aug 2022 12:14

Tgt Ion:180 Resp: 133810
 Ion Ratio Lower Upper
 180 100
 182 94.7 72.7 109.1
 145 33.7 26.6 40.0

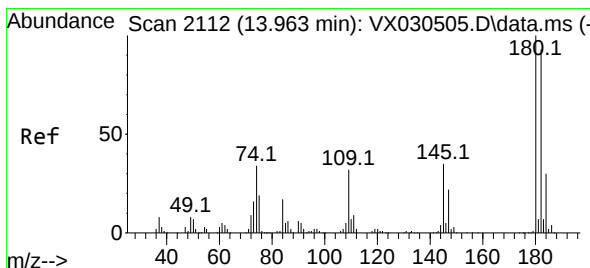
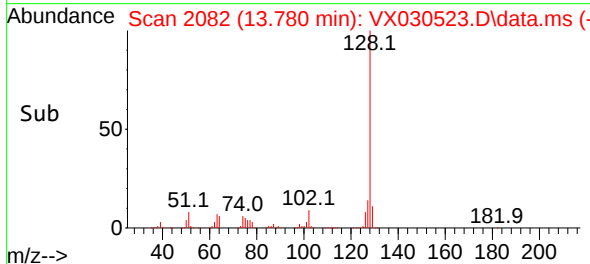
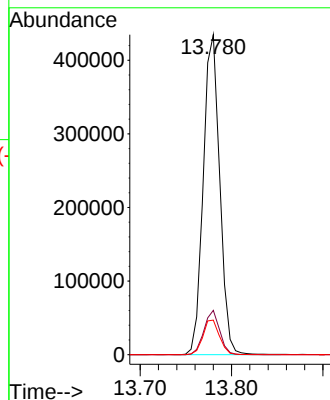
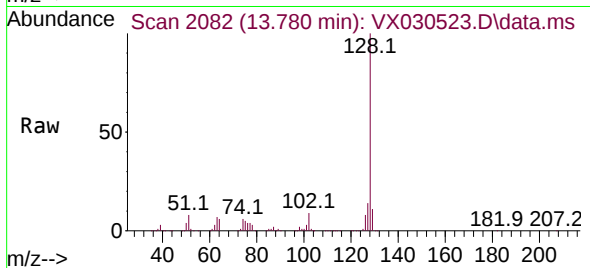




#71
Naphthalene
Concen: 49.726 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 545310
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.400 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030523.D
Acq: 09 Aug 2022 12:14

Tgt Ion:180 Resp: 141041
Ion Ratio Lower Upper
180 100
182 93.2 74.6 112.0
145 36.4 28.4 42.6

