

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030503.D
 Acq On : 07 Aug 2022 07:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 08:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	262626	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	228391	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104705	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66633	39.509	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.020%
7) Chloroethane-d5	1.666	69	57273	48.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.340%
11) 1,1-Dichloroethene-d2	2.306	63	135746	42.550	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.100%
21) 2-Butanone-d5	4.471	46	186083	119.081	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.080%
24) Chloroform-d	5.062	84	168777	48.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.220%
26) 1,2-Dichloroethane-d4	5.964	65	118779	50.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.780%
32) Benzene-d6	5.983	84	292203	44.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.320%
36) 1,2-Dichloropropane-d6	7.318	67	104938	49.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	8.653	98	243485	39.484	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.960%#
43) trans-1,3-Dichloroprop...	8.952	79	42007	39.782	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.560%
47) 2-Hexanone-d5	9.390	63	124800	115.351	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.350%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	146310	52.471	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.940%
66) 1,2-Dichlorobenzene-d4	12.323	152	88396	43.526	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	92933	47.026	ug/L	100
3) Chloromethane	1.294	50	100341	59.050	ug/L	98
5) Vinyl chloride	1.374	62	97847	53.908	ug/L	96
6) Bromomethane	1.611	94	47850	56.099	ug/L	99
8) Chloroethane	1.685	64	60164	58.192	ug/L	99
9) Trichlorofluoromethane	1.886	101	126588	47.190	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	70583	44.238	ug/L	97
12) 1,1-Dichloroethene	2.319	96	74601	50.751	ug/L	83
13) Acetone	2.398	43	134888	117.778	ug/L	100
14) Carbon disulfide	2.514	76	212966	44.701	ug/L	99
15) Methyl Acetate	2.709	43	144379	60.905	ug/L	98
16) Methylene chloride	2.794	84	103994	55.794	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	84510	49.625	ug/L	95
18) Methyl tert-butyl Ether	3.123	73	330120	57.003	ug/L	99
19) 1,1-Dichloroethane	3.611	63	186805	56.715	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	101433	52.949	ug/L	98
22) 2-Butanone	4.574	43	221685	122.702	ug/L	98
23) Bromochloromethane	4.903	128	52696	54.853	ug/L	90
25) Chloroform	5.099	83	194296	56.144	ug/L	95

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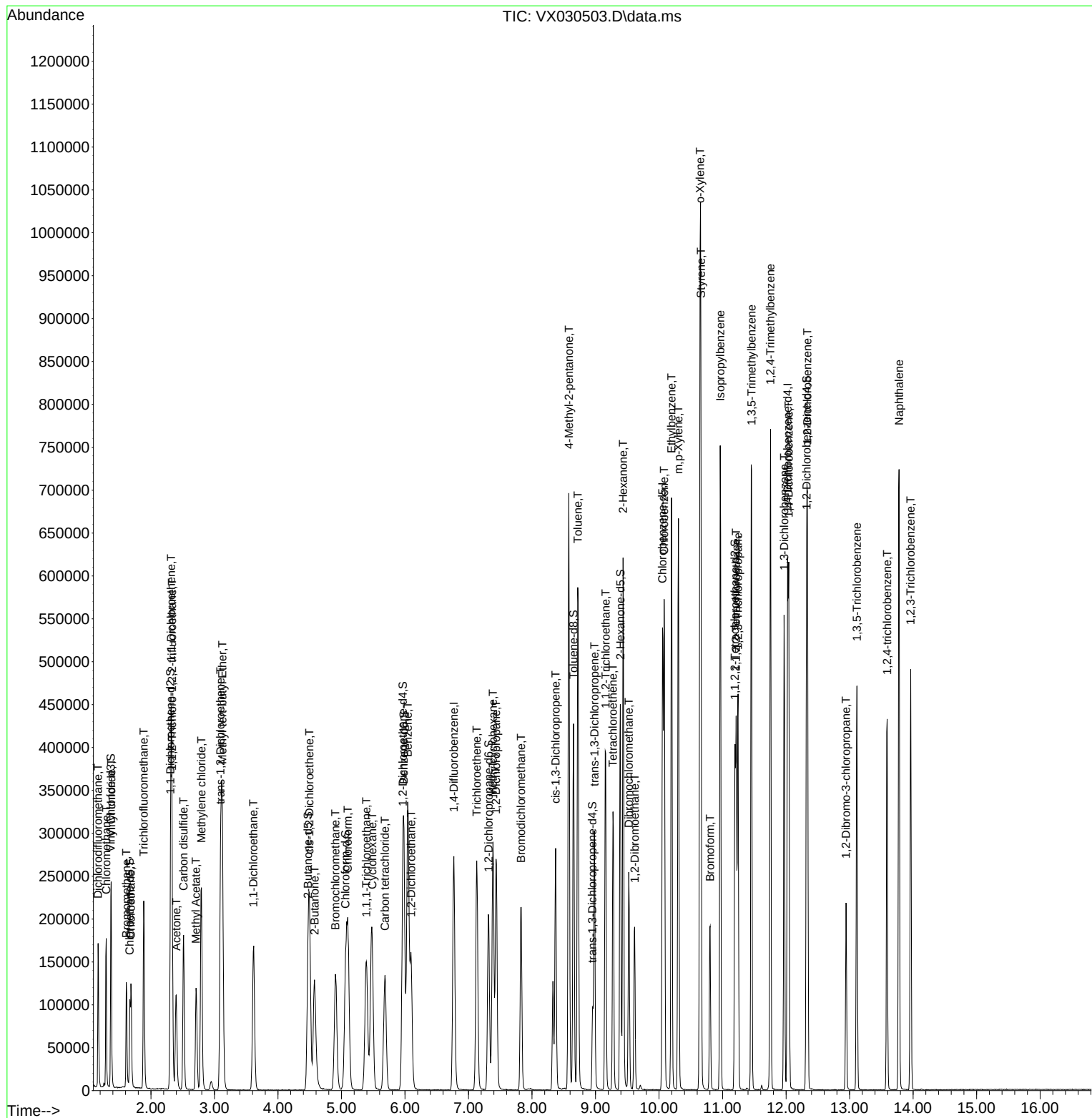
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	163393	56.727	ug/L	98
29) Cyclohexane	5.483	56	130568	43.003	ug/L	96
30) 1,1,1-Trichloroethane	5.391	97	149815	49.729	ug/L	99
31) Carbon tetrachloride	5.684	117	114565	46.076	ug/L	100
33) Benzene	6.044	78	388883	53.107	ug/L	100
34) Trichloroethene	7.129	95	99931	47.118	ug/L	89
35) Methylcyclohexane	7.385	83	122166	39.568	ug/L	97
37) 1,2-Dichloropropane	7.434	63	109797	56.393	ug/L	99
38) Bromodichloromethane	7.830	83	138483	53.742	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	137336	47.285	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	417975	123.276	ug/L	98
42) Toluene	8.720	91	382000	49.382	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	133668	47.021	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	102978	56.881	ug/L	98
46) Tetrachloroethene	9.275	164	56727	42.323	ug/L	96
48) 2-Hexanone	9.433	43	332307	126.142	ug/L	98
49) Dibromochloromethane	9.525	129	103021	53.488	ug/L	95
50) 1,2-Dibromoethane	9.616	107	107845	54.168	ug/L	96
51) Chlorobenzene	10.079	112	231373	48.009	ug/L	100
52) Ethylbenzene	10.195	91	388508	46.061	ug/L	98
53) m,p-Xylene	10.305	106	144067	45.825	ug/L	100
54) o-Xylene	10.646	106	146354	46.718	ug/L	99
55) Styrene	10.659	104	259528	49.201	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	156062	56.653	ug/L	100
59) Bromoform	10.805	173	66598	58.409	ug/L	99
60) Isopropylbenzene	10.963	105	366845	49.428	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	143570	63.849	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	315773	49.836	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	315336	49.280	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	158020	48.979	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	159717	48.698	ug/L	91
67) 1,2-Dichlorobenzene	12.335	146	165669	49.655	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	41192	55.535	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	100100	44.242	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	92288	46.445	ug/L	98
71) Naphthalene	13.780	128	429048	52.163	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	101157	48.195	ug/L	98

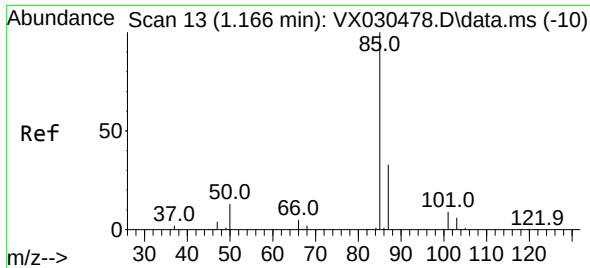
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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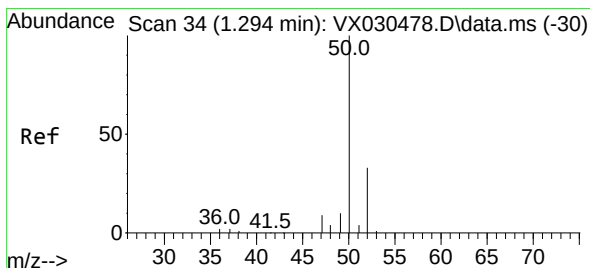
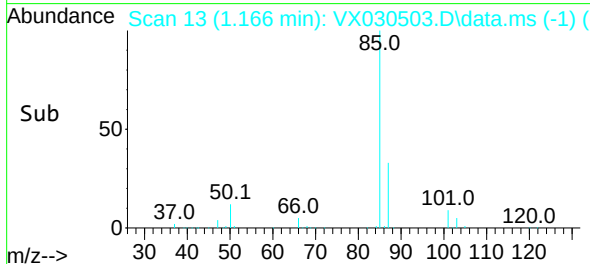
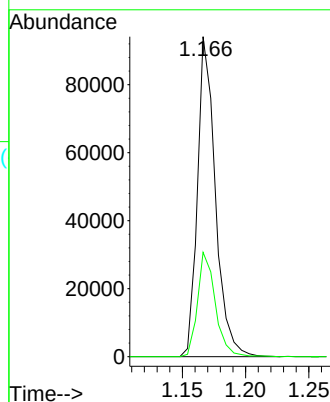
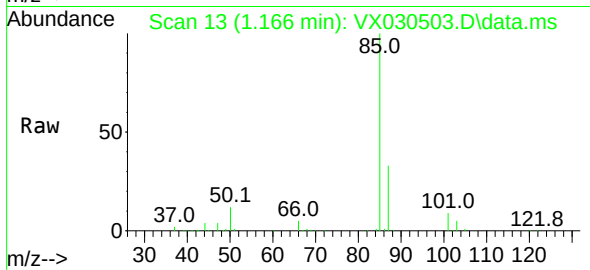




#2
 Dichlorodifluoromethane
 Concen: 47.026 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

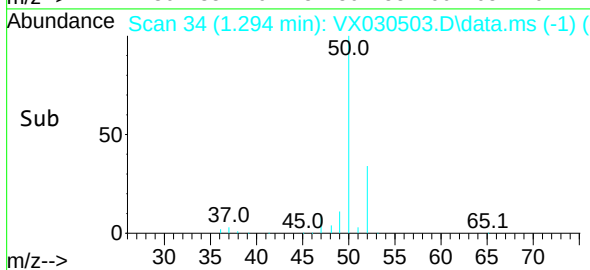
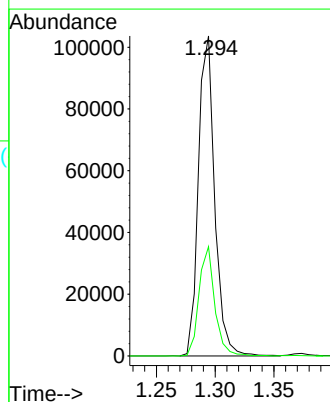
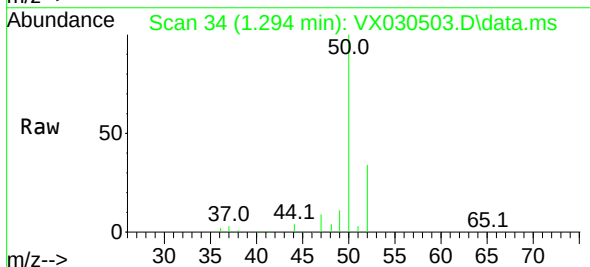
Instrument :
 MSVOA_X
 ClientSampleId :

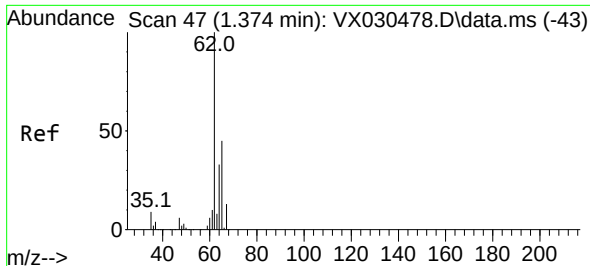
Tgt Ion: 85 Resp: 92933
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 59.050 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

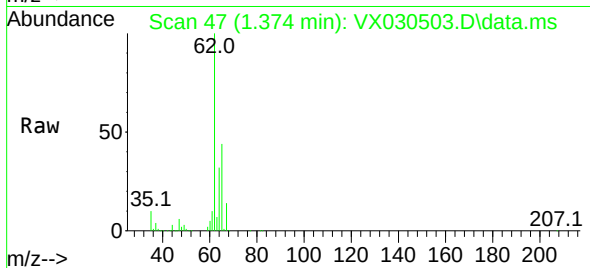
Tgt Ion: 50 Resp: 100341
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.3 43.3



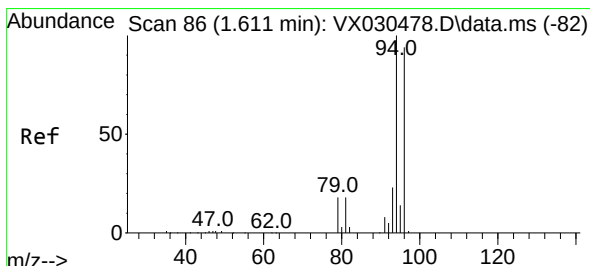
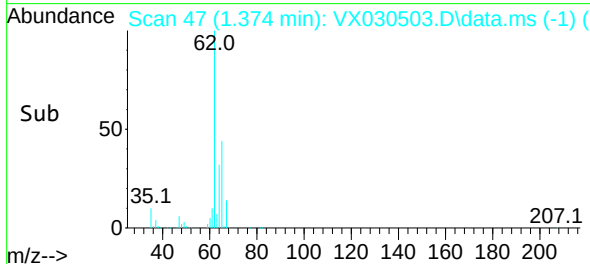
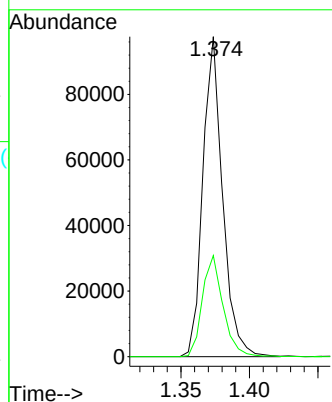


#5
 Vinyl chloride
 Concen: 53.908 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

Instrument :
 MSVOA_X
 ClientSampleId :

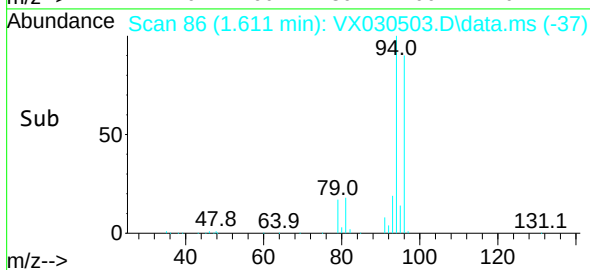
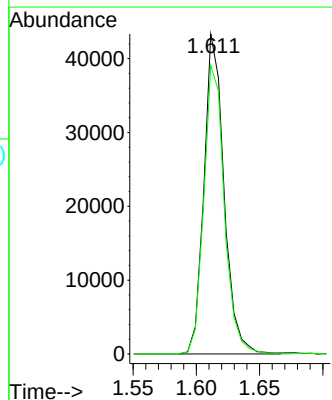
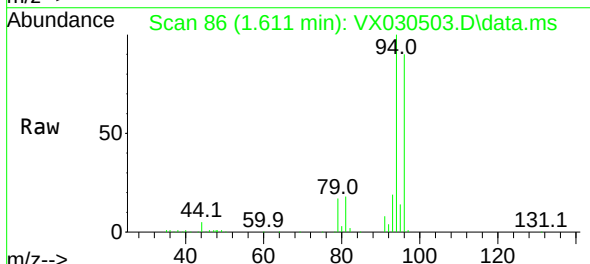


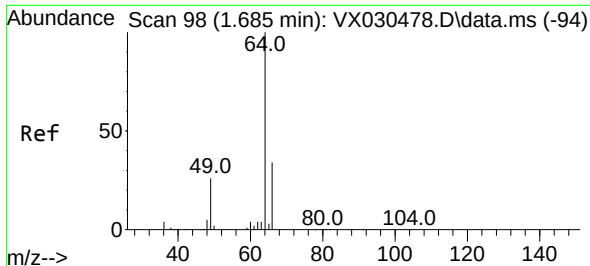
Tgt Ion: 62 Resp: 97847
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.8 44.2



#6
 Bromomethane
 Concen: 56.099 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

Tgt Ion: 94 Resp: 47850
 Ion Ratio Lower Upper
 94 100
 96 90.1 63.8 118.6

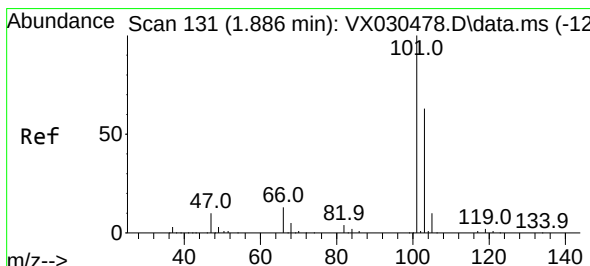
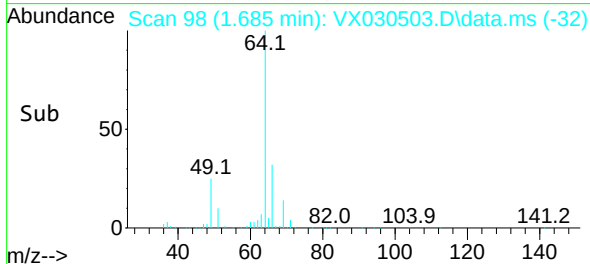
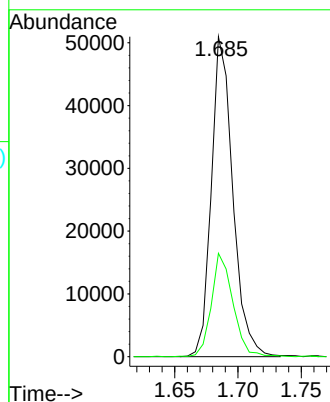
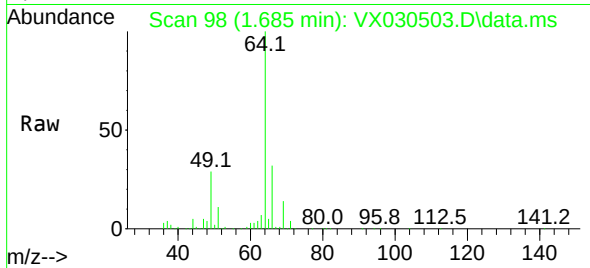




#8
Chloroethane
Concen: 58.192 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

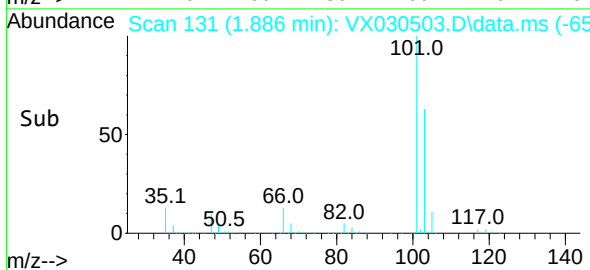
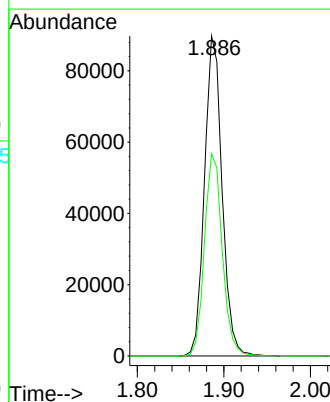
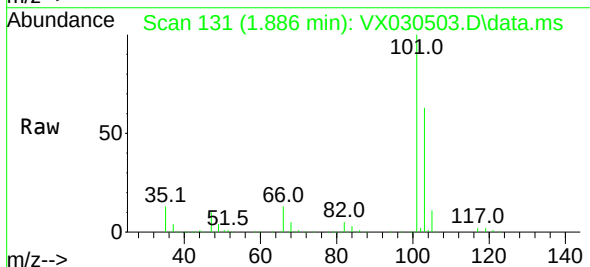
Instrument :
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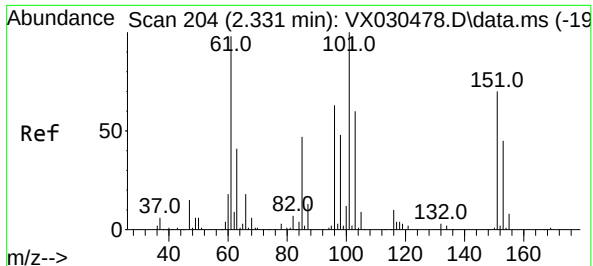
Tgt Ion: 64 Resp: 60164
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 47.190 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion: 101 Resp: 126588
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

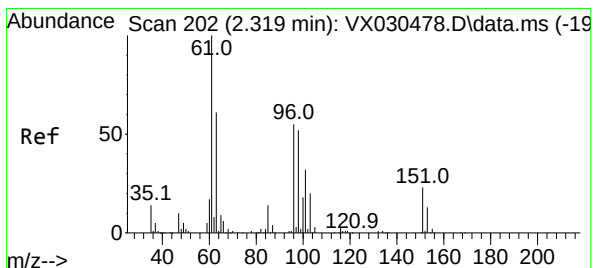
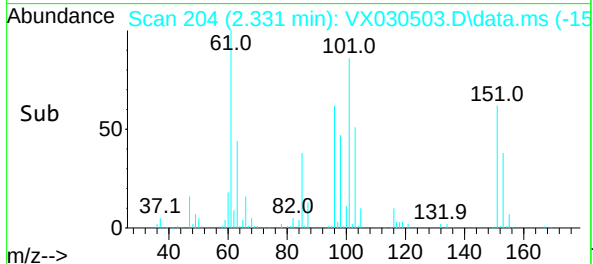
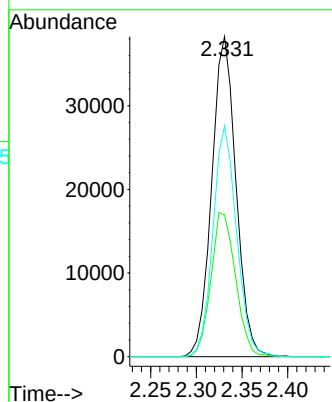
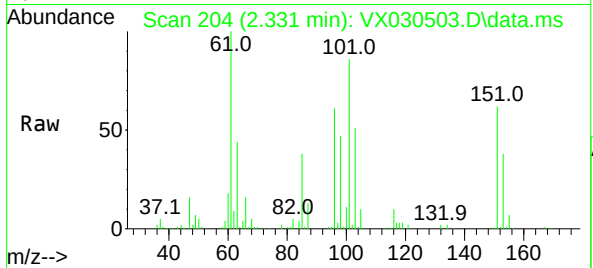




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.238 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

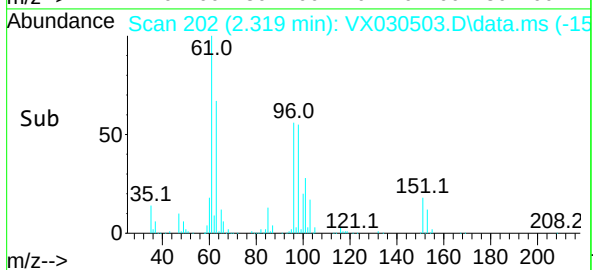
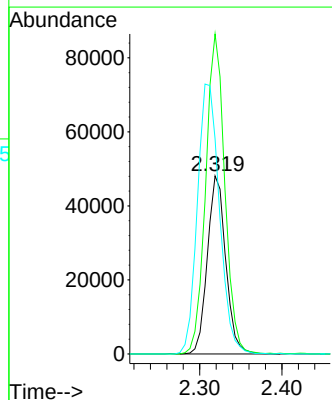
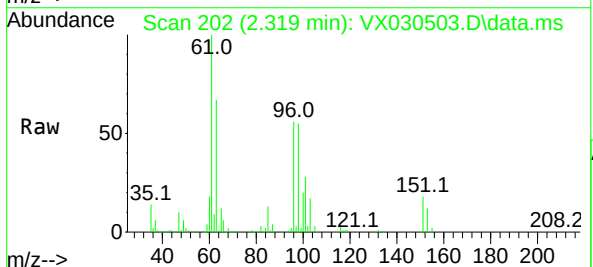
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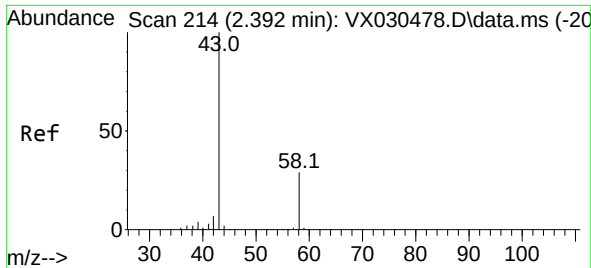
Tgt Ion:101 Resp: 70583
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.3 52.9
 151 70.5 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 50.751 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030503.D
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Tgt Ion: 96 Resp: 74601
 Ion Ratio Lower Upper
 96 100
 61 179.7 130.2 241.8
 63 120.8 113.5 210.9





#13

Acetone

Concen: 117.778 ug/L

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

Instrument :

MSVOA_X

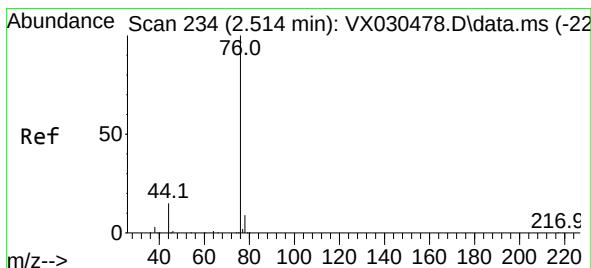
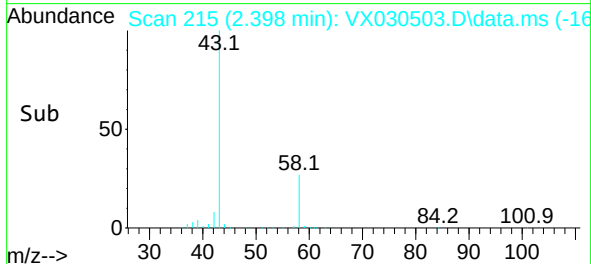
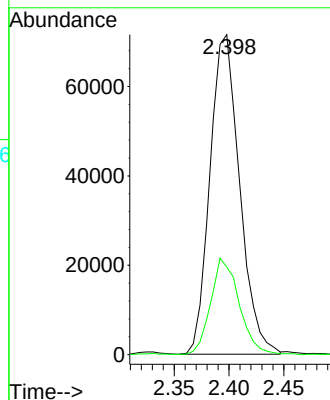
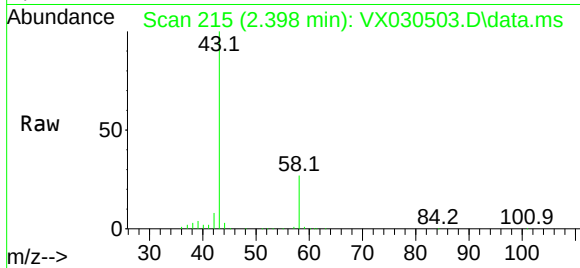
ClientSampleId :

Tgt Ion: 43 Resp: 134888

Ion Ratio Lower Upper

43 100

58 28.9 0.0 57.8



#14

Carbon disulfide

Concen: 44.701 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

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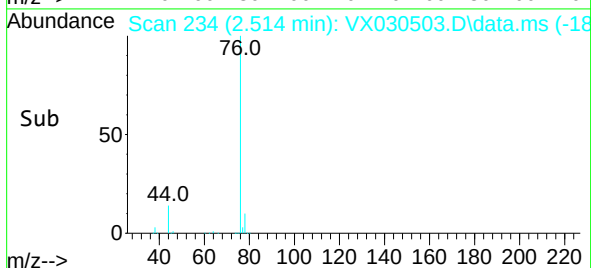
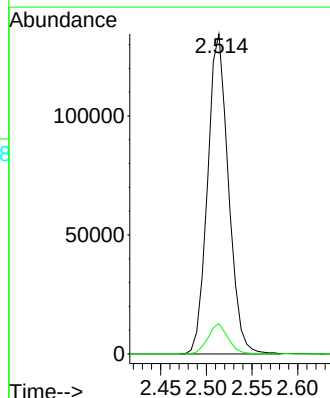
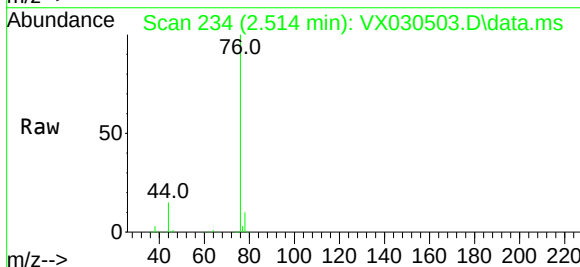
Acq: 07 Aug 2022 07:33

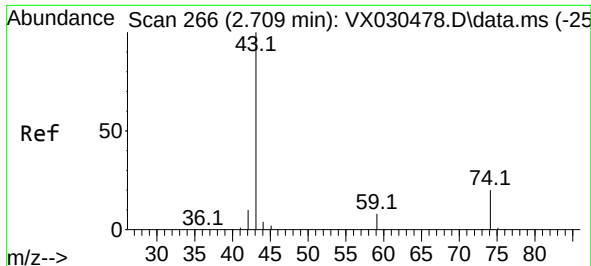
Tgt Ion: 76 Resp: 212966

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

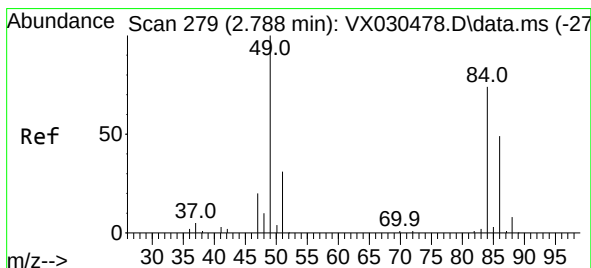
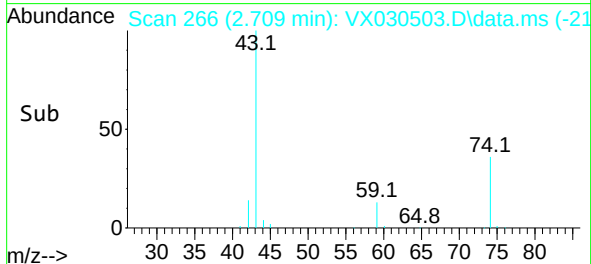
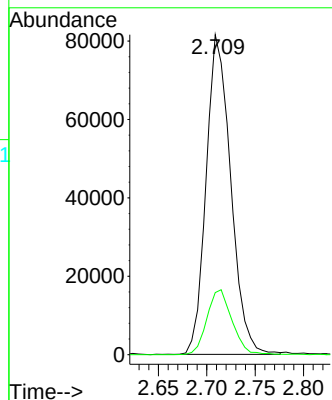
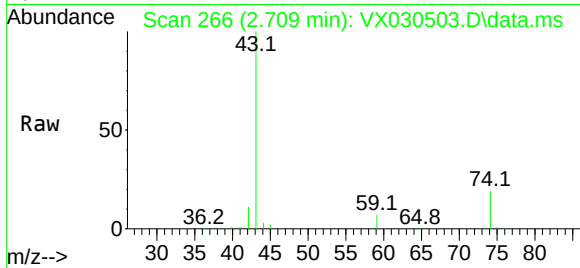




#15
Methyl Acetate
Concen: 60.905 ug/L
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

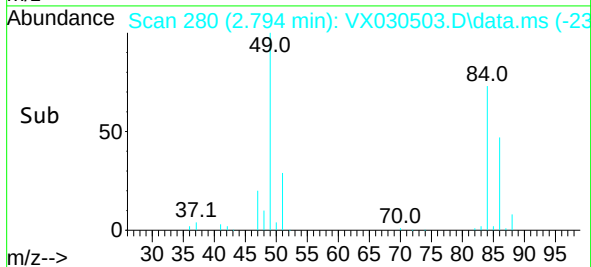
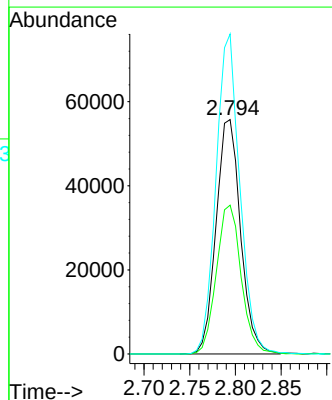
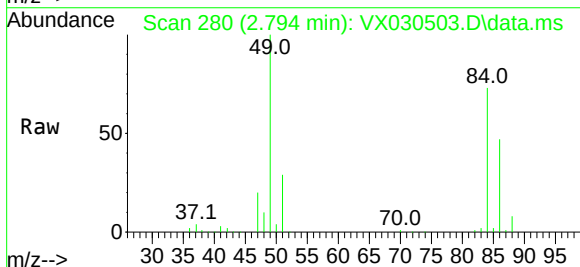
Instrument :
MSVOA_X
ClientSampleId :

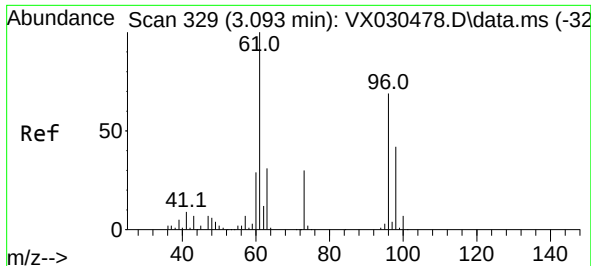
Tgt Ion: 43 Resp: 144379
Ion Ratio Lower Upper
43 100
74 20.7 17.2 25.8



#16
Methylene chloride
Concen: 55.794 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion: 84 Resp: 103994
Ion Ratio Lower Upper
84 100
86 63.5 44.2 82.2
49 136.5 89.0 165.2

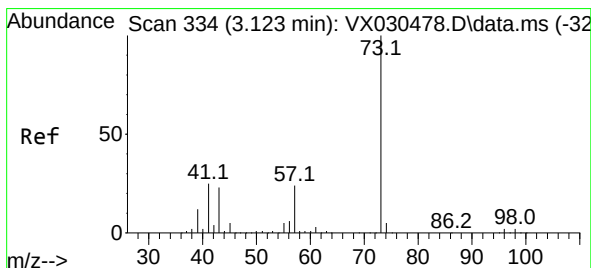
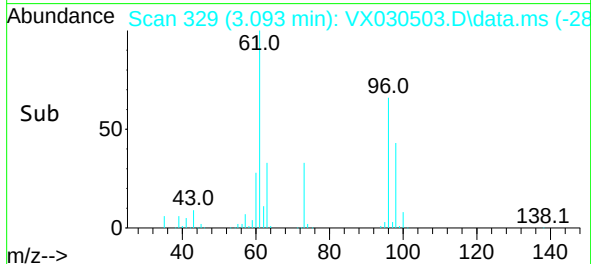
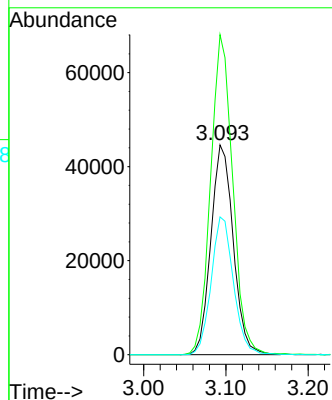
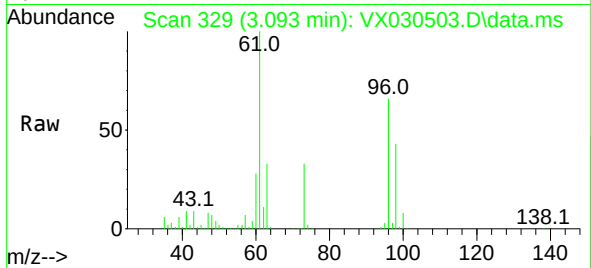




#17
trans-1,2-Dichloroethene
Concen: 49.625 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

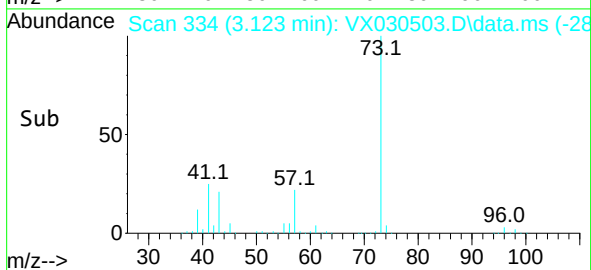
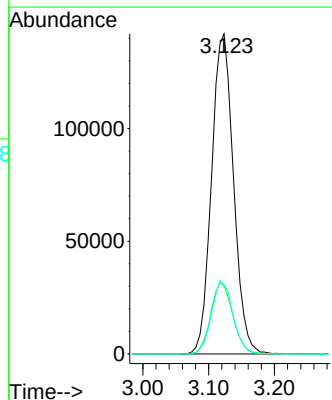
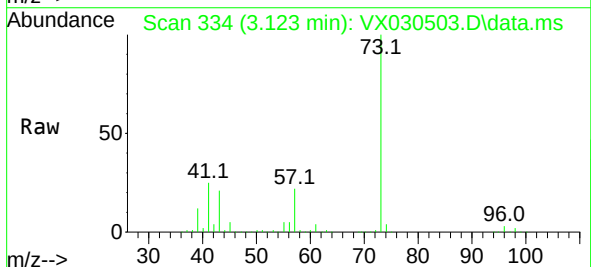
Instrument :
MSVOA_X
ClientSampleId :

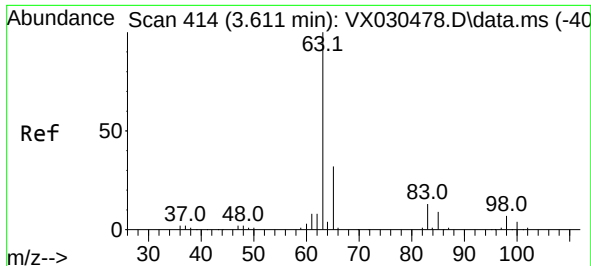
Tgt Ion: 96 Resp: 84510
Ion Ratio Lower Upper
96 100
61 152.6 103.7 192.5
98 65.7 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 57.003 ug/L
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion: 73 Resp: 330120
Ion Ratio Lower Upper
73 100
43 22.5 17.6 26.4
57 22.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 56.715 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

Instrument :

MSVOA_X

ClientSampleId :

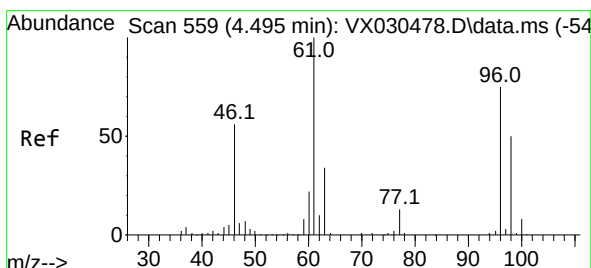
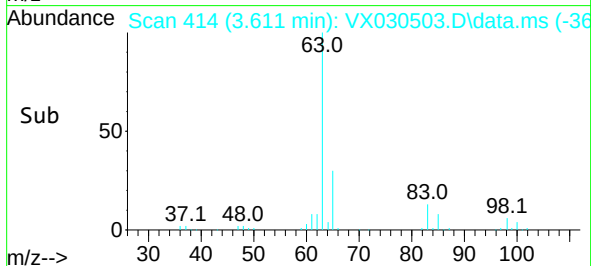
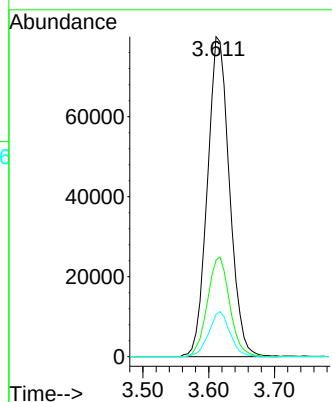
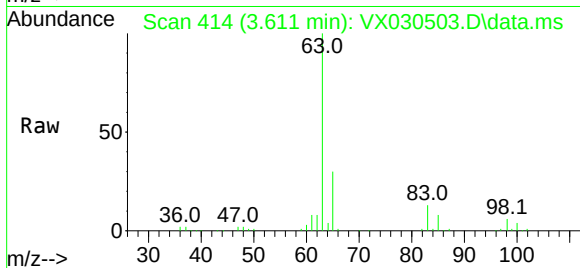
Tgt Ion: 63 Resp: 186805

Ion Ratio Lower Upper

63 100

65 30.2 22.0 40.8

83 13.2 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.949 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

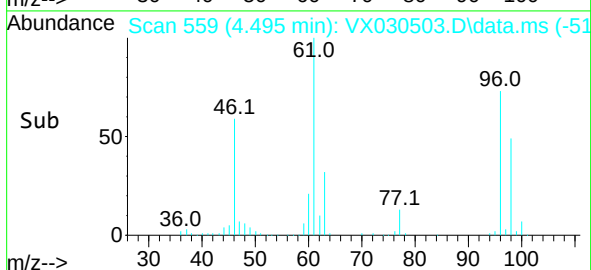
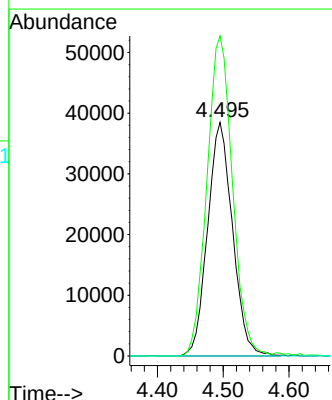
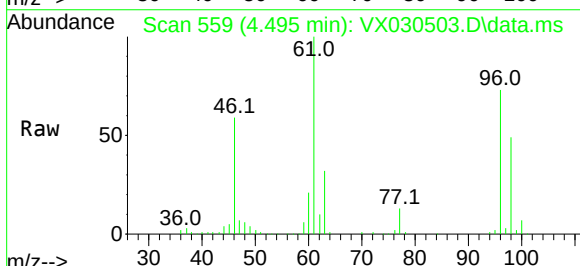
Tgt Ion: 96 Resp: 101433

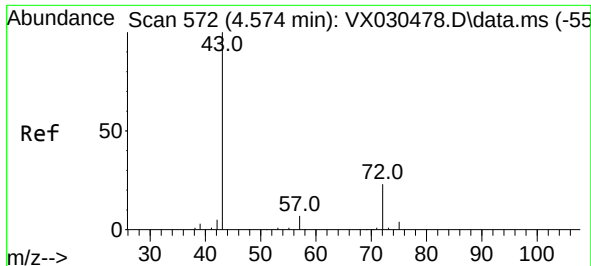
Ion Ratio Lower Upper

96 100

61 136.9 94.0 174.6

68 0.0 0.0 0.0

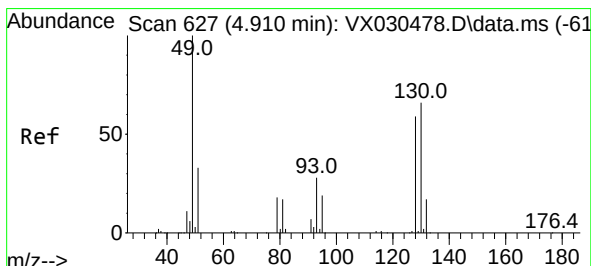
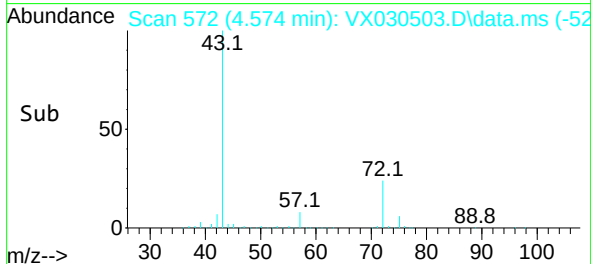
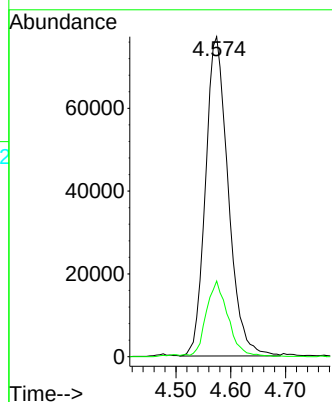
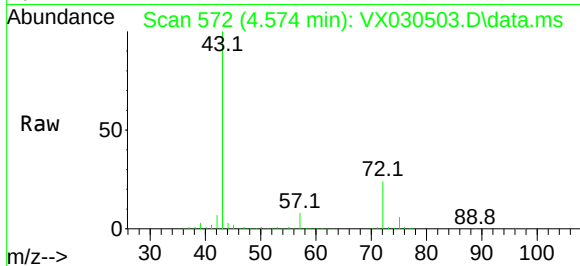




#22
2-Butanone
Concen: 122.702 ug/L
RT: 4.574 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

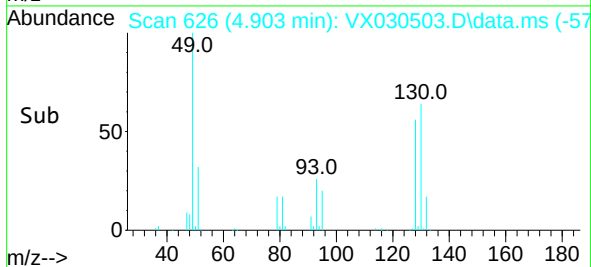
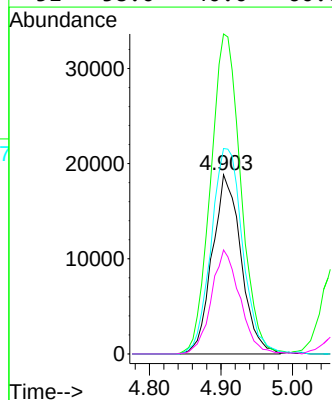
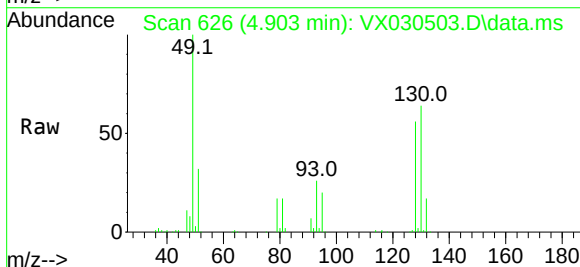
Instrument :
MSVOA_X
ClientSampleId :

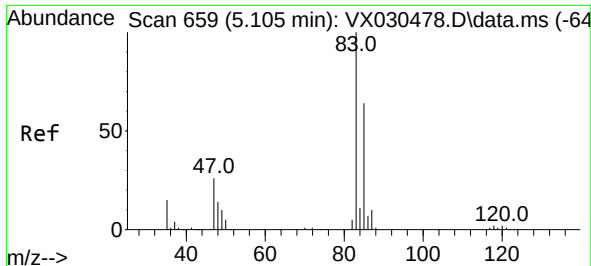
Tgt Ion: 43 Resp: 221685
Ion Ratio Lower Upper
43 100
72 22.6 11.7 35.1



#23
Bromochloromethane
Concen: 54.853 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

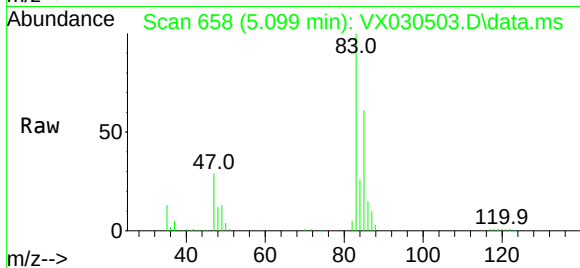
Tgt Ion:128 Resp: 52696
Ion Ratio Lower Upper
128 100
49 178.5 116.8 216.8
130 114.6 90.3 167.7
51 58.0 40.0 60.0



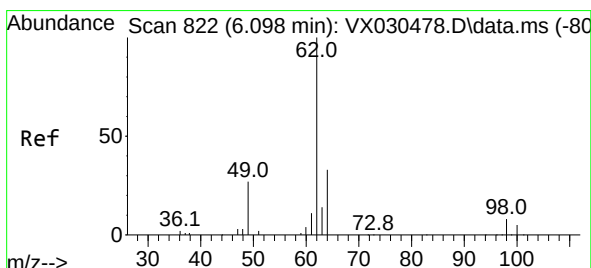
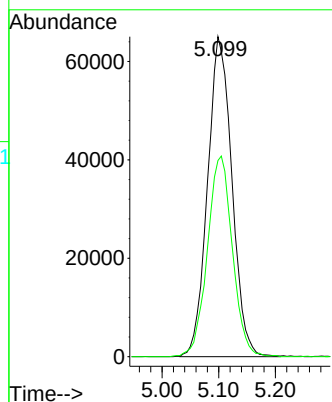
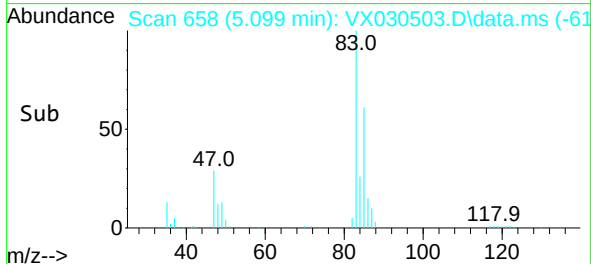


#25
Chloroform
Concen: 56.144 ug/L
RT: 5.099 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

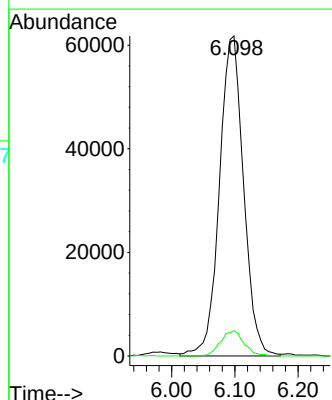
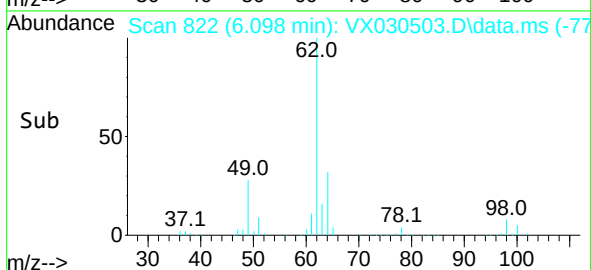
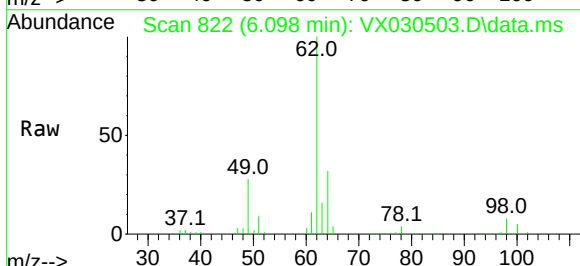


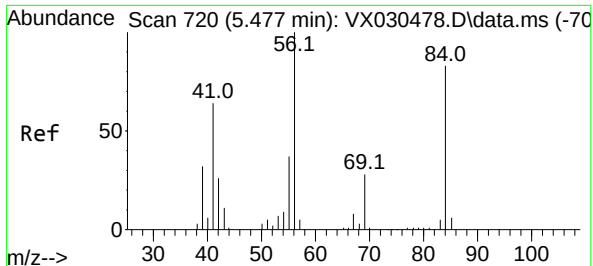
Tgt Ion: 83 Resp: 194296
Ion Ratio Lower Upper
83 100
85 61.3 45.6 84.6



#27
1,2-Dichloroethane
Concen: 56.727 ug/L
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion: 62 Resp: 163393
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.6





#29

Cyclohexane

Concen: 43.003 ug/L

RT: 5.483 min Scan# 706

Delta R.T. 0.006 min

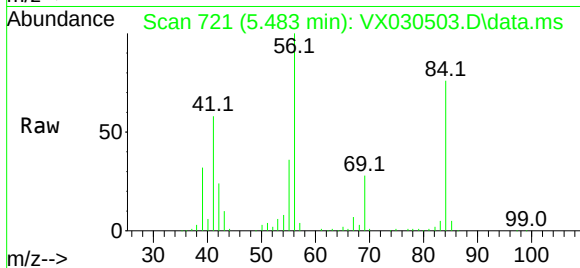
Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

Instrument :

MSVOA_X

ClientSampleId :



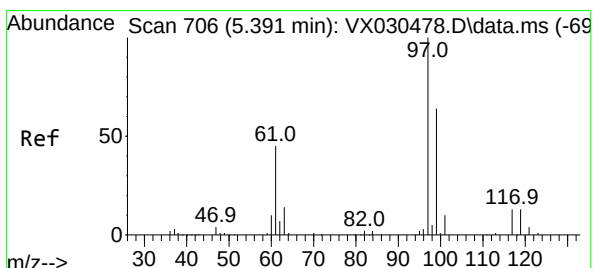
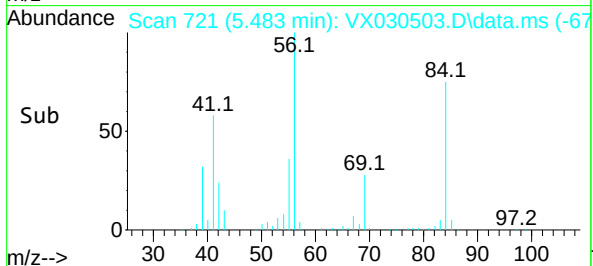
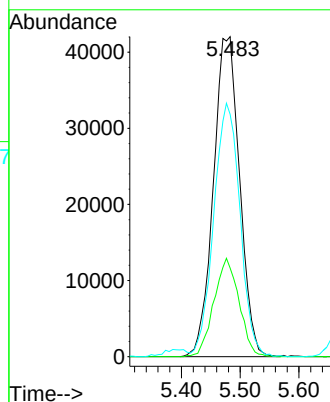
Tgt Ion: 56 Resp: 130568

Ion Ratio Lower Upper

56 100

69 29.4 24.3 36.5

84 79.1 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 49.729 ug/L

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

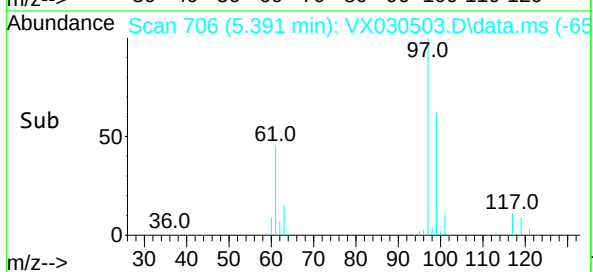
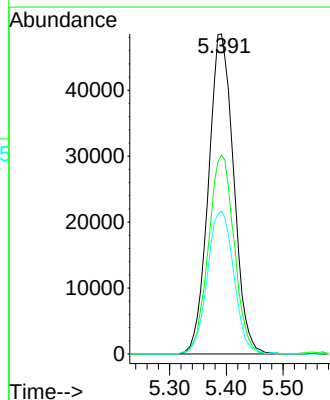
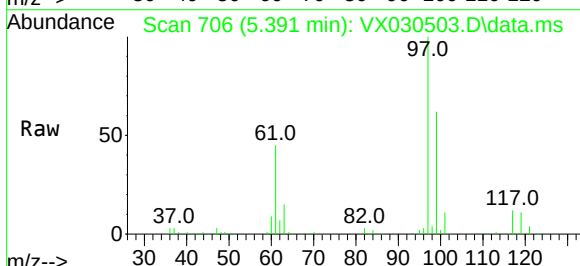
Tgt Ion: 97 Resp: 149815

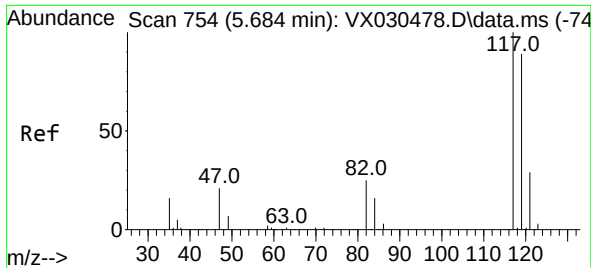
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

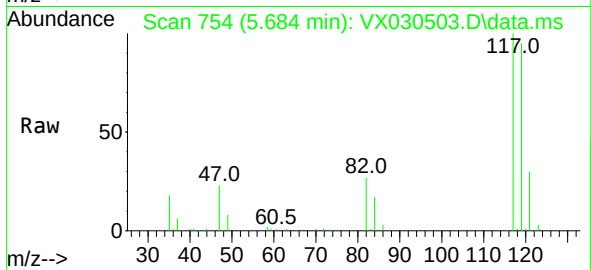
61 46.9 37.0 55.6



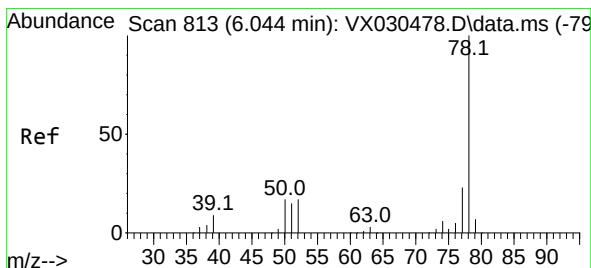
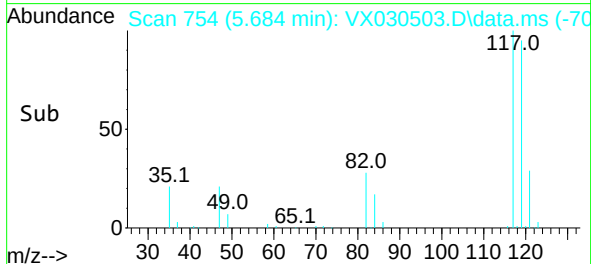
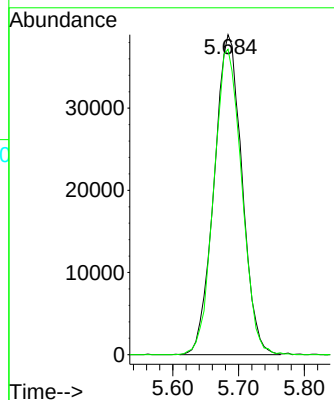


#31
Carbon tetrachloride
Concen: 46.076 ug/L
RT: 5.684 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

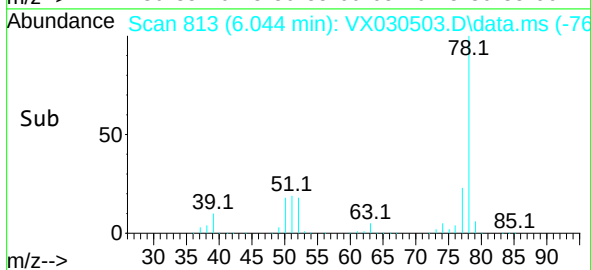
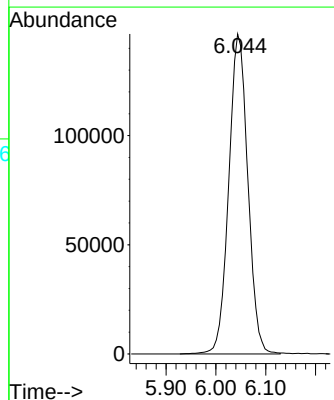
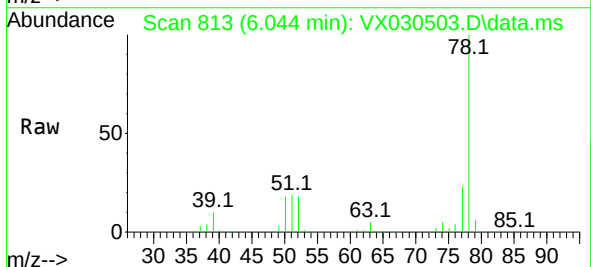


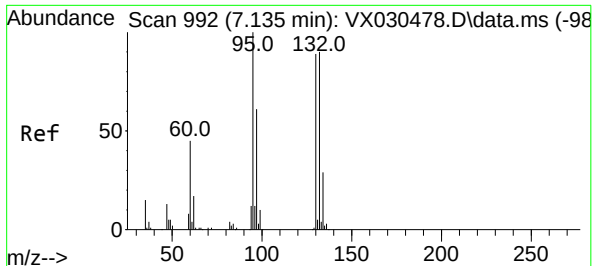
Tgt Ion:117 Resp: 114565
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.2



#33
Benzene
Concen: 53.107 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

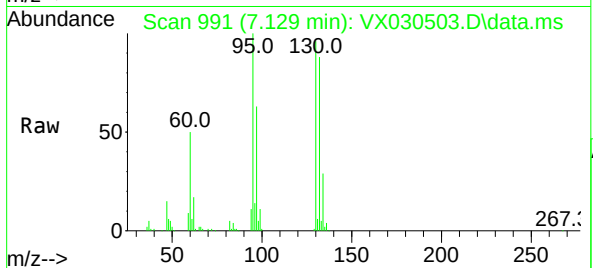
Tgt Ion: 78 Resp: 388883



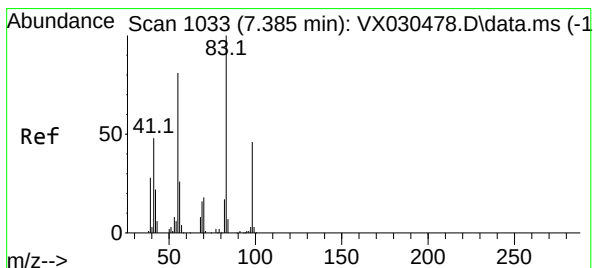
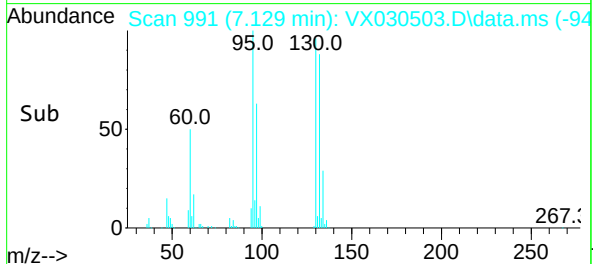
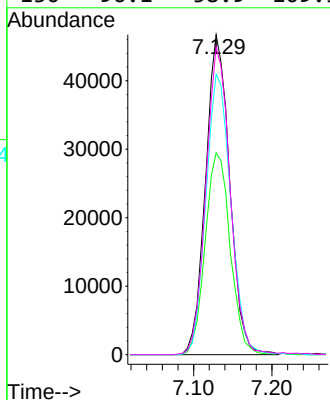


#34
 Trichloroethene
 Concen: 47.118 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

Instrument :
 MSVOA_X
 ClientSampleId :

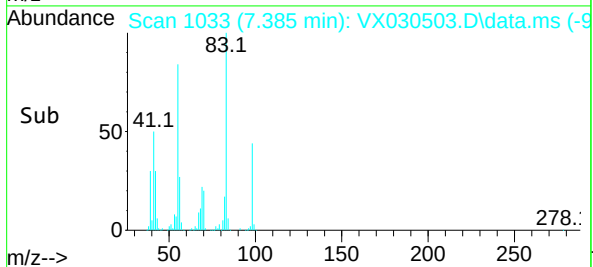
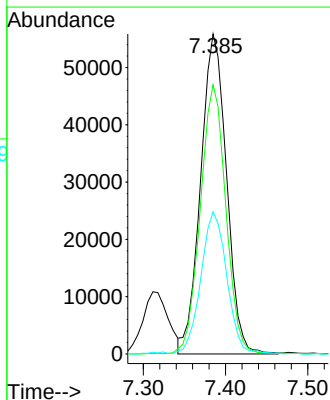
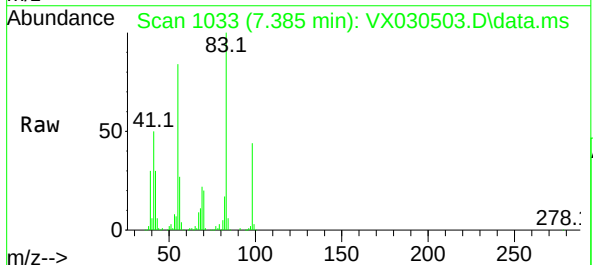


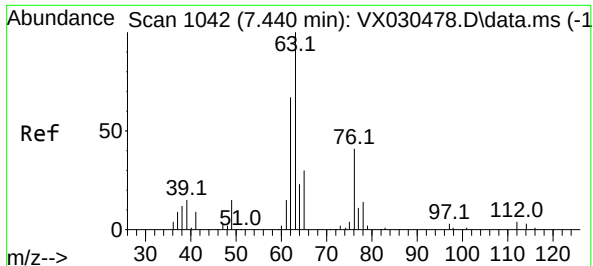
Tgt Ion: 95 Resp: 99931
 Ion Ratio Lower Upper
 95 100
 97 63.1 40.2 74.6
 132 87.6 55.3 102.7
 130 96.1 58.9 109.5



#35
 Methylcyclohexane
 Concen: 39.568 ug/L
 RT: 7.385 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

Tgt Ion: 83 Resp: 122166
 Ion Ratio Lower Upper
 83 100
 55 82.9 64.0 96.0
 98 44.6 36.7 55.1





#37

1,2-Dichloropropane

Concen: 56.393 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

Instrument :

MSVOA_X

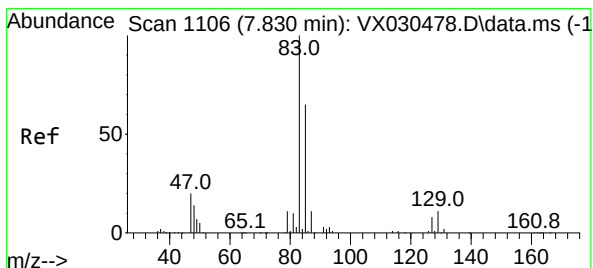
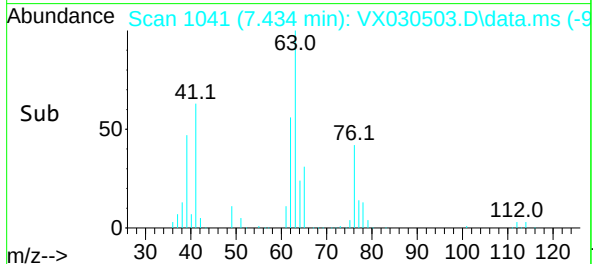
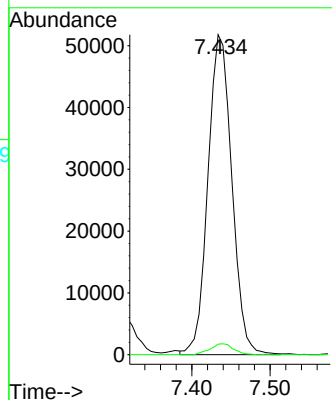
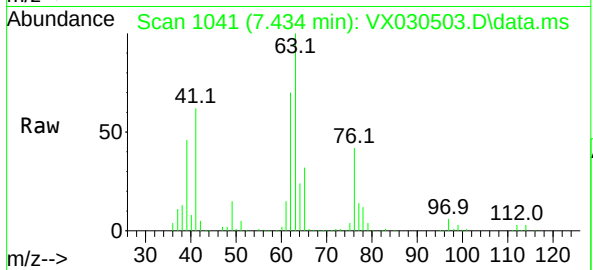
ClientSampleId :

Tgt Ion: 63 Resp: 109797

Ion Ratio Lower Upper

63 100

112 3.3 3.0 4.4



#38

Bromodichloromethane

Concen: 53.742 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

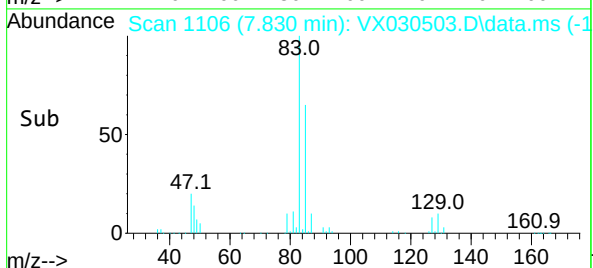
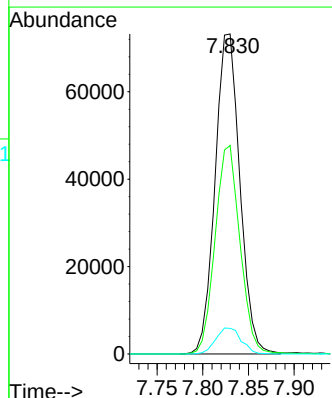
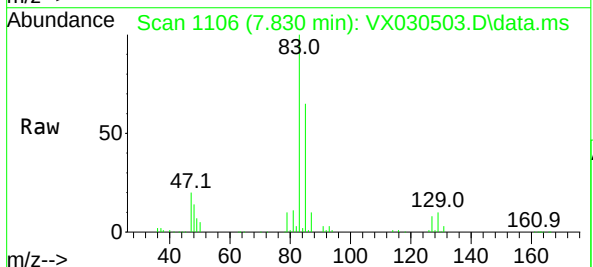
Tgt Ion: 83 Resp: 138483

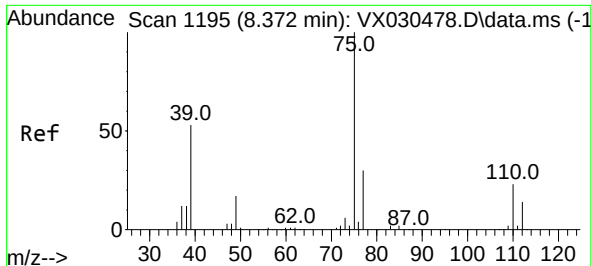
Ion Ratio Lower Upper

83 100

85 65.2 42.5 78.9

127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 47.285 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

Instrument :

MSVOA_X

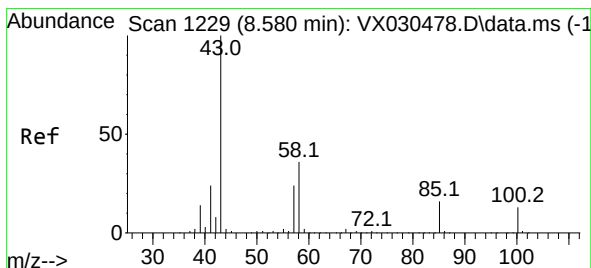
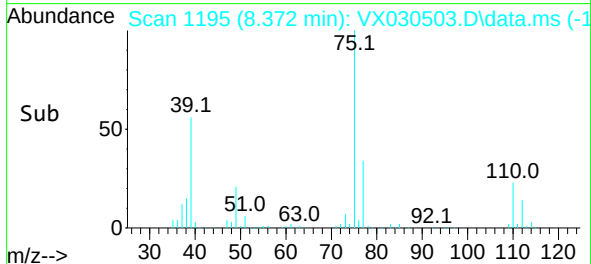
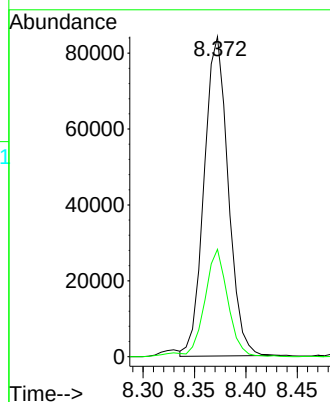
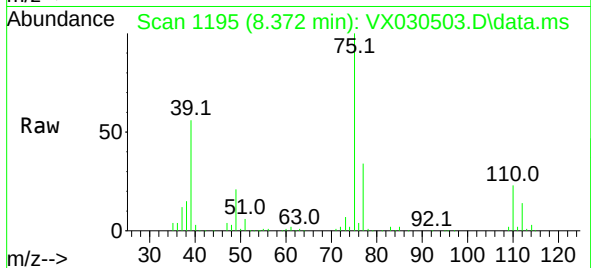
ClientSampleId :

Tgt Ion: 75 Resp: 137336

Ion Ratio Lower Upper

75 100

77 33.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 123.276 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

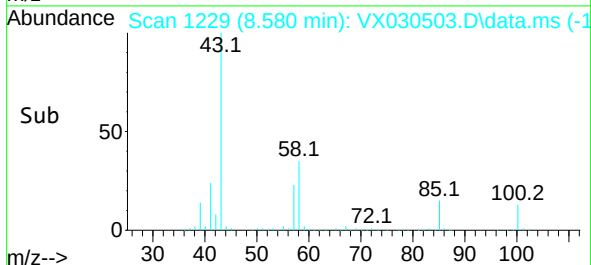
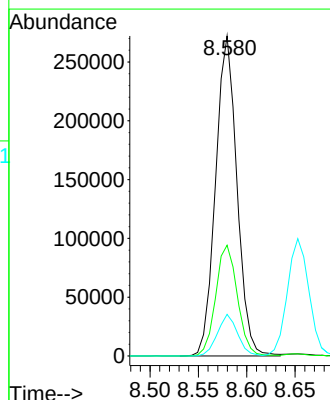
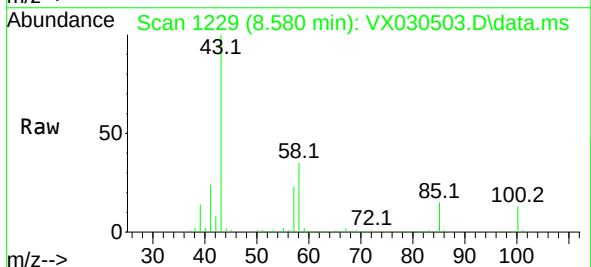
Tgt Ion: 43 Resp: 417975

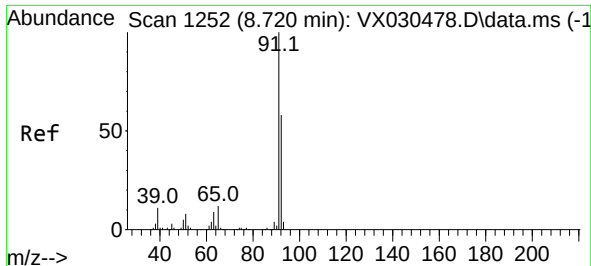
Ion Ratio Lower Upper

43 100

58 35.2 29.0 43.6

100 12.3 10.5 15.7





#42

Toluene

Concen: 49.382 ug/L

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

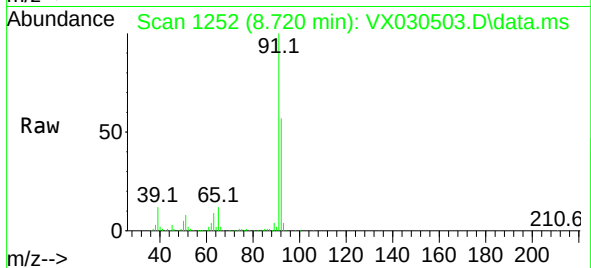
Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

Instrument :

MSVOA_X

ClientSampleId :

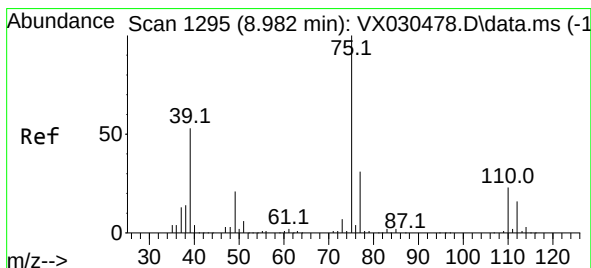
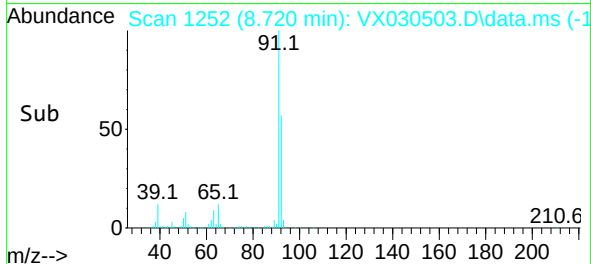
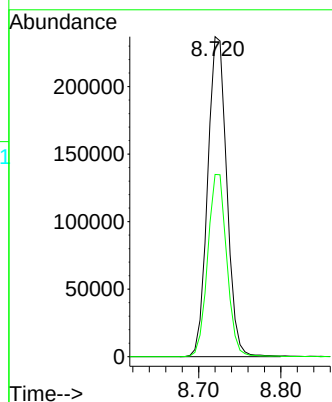


Tgt Ion: 91 Resp: 382000

Ion Ratio Lower Upper

91 100

92 56.9 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 47.021 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030503.D

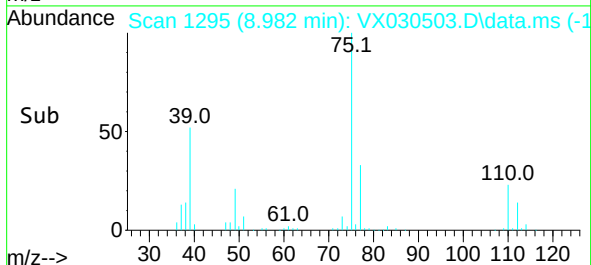
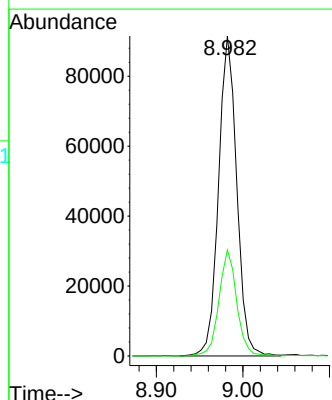
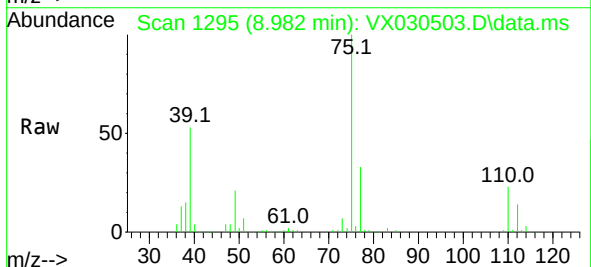
Acq: 07 Aug 2022 07:33

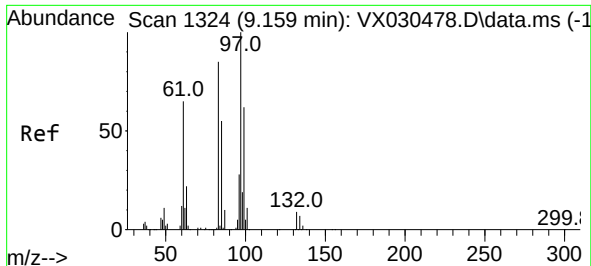
Tgt Ion: 75 Resp: 133668

Ion Ratio Lower Upper

75 100

77 33.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 56.881 ug/L

RT: 9.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 102978

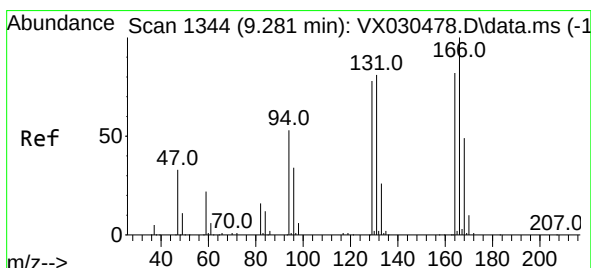
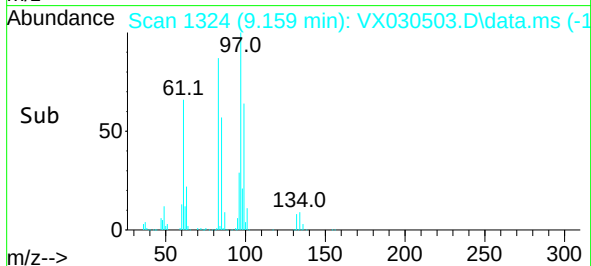
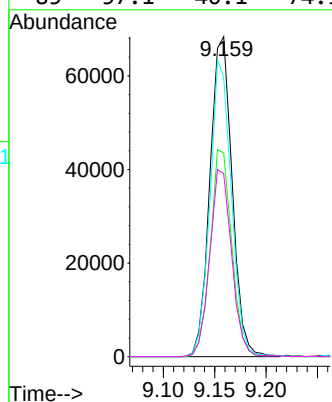
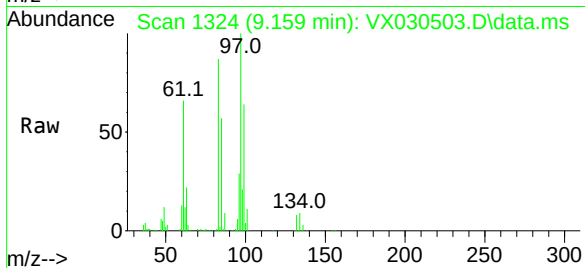
Ion Ratio Lower Upper

97 100

99 63.7 43.3 80.3

83 87.2 63.0 117.0

85 57.1 40.1 74.5



#46

Tetrachloroethene

Concen: 42.323 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

Tgt Ion:164 Resp: 56727

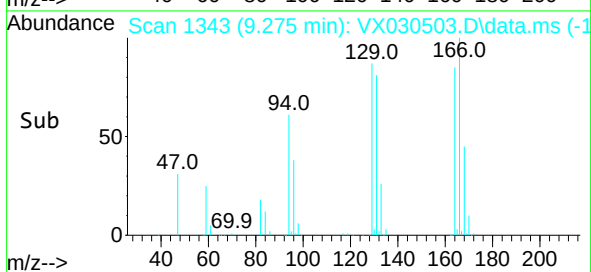
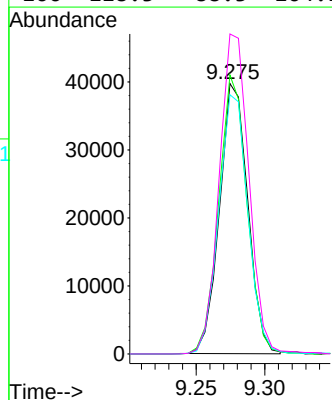
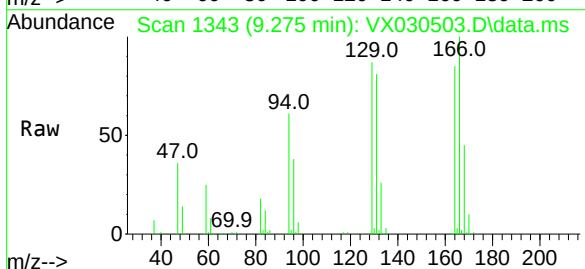
Ion Ratio Lower Upper

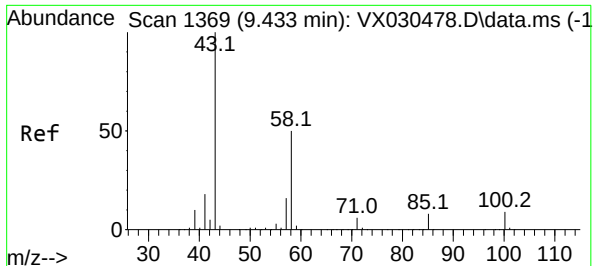
164 100

129 103.1 72.7 135.1

131 95.8 69.9 129.9

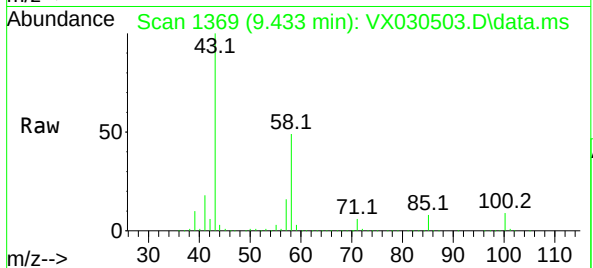
166 118.3 88.3 164.1



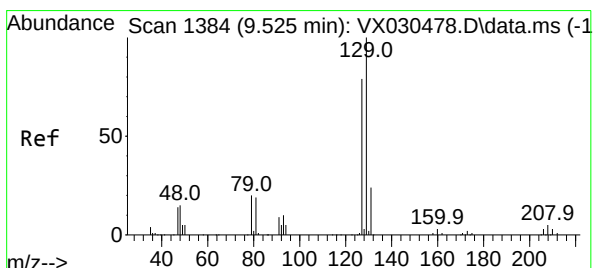
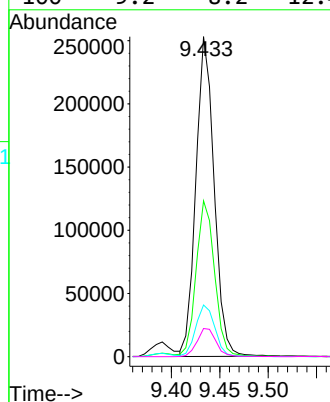
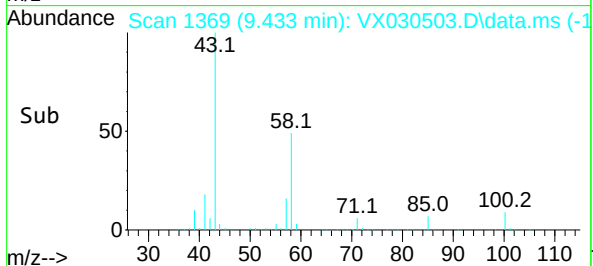


#48
2-Hexanone
Concen: 126.142 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

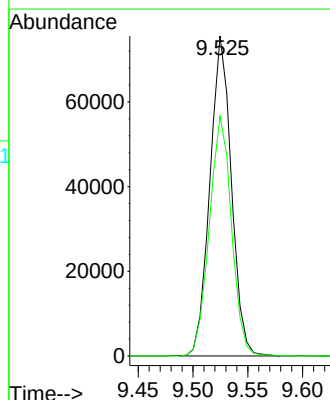
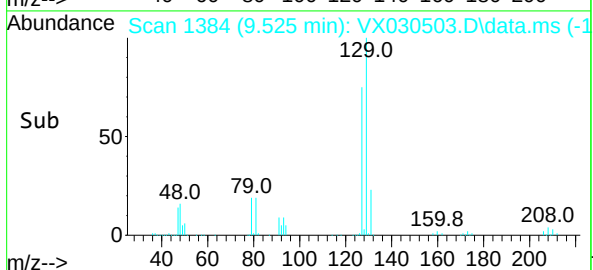
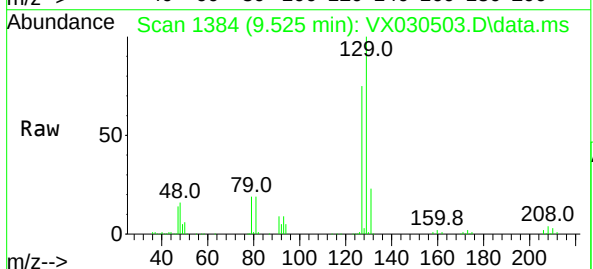


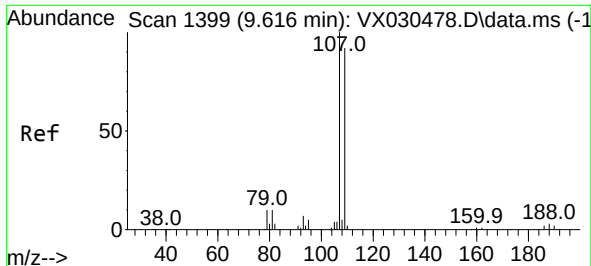
Tgt Ion: 43 Resp: 332307
Ion Ratio Lower Upper
43 100
58 49.6 40.4 60.6
57 17.1 14.6 22.0
100 9.2 8.2 12.4



#49
Dibromochloromethane
Concen: 53.488 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

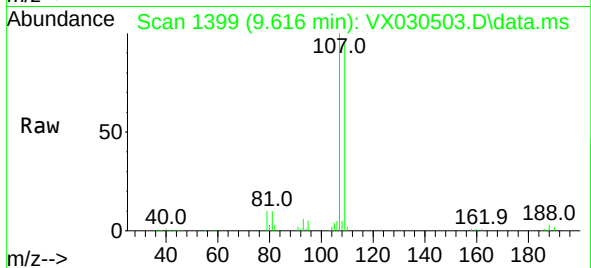
Tgt Ion: 129 Resp: 103021
Ion Ratio Lower Upper
129 100
127 74.9 55.6 103.2



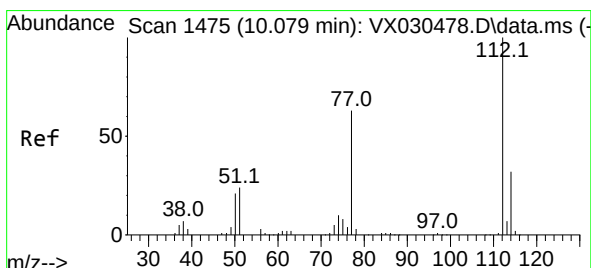
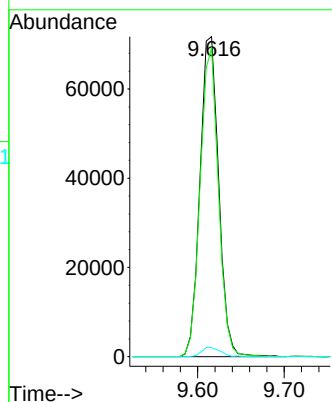
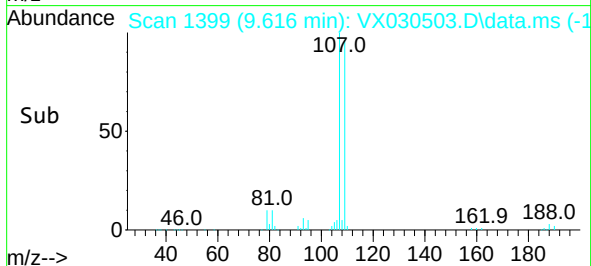


#50
1,2-Dibromoethane
Concen: 54.168 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

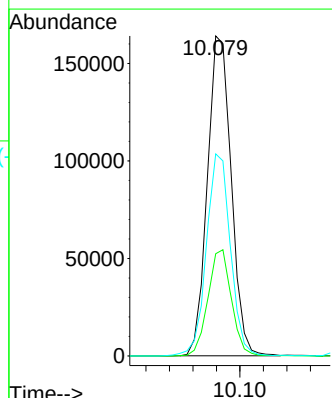
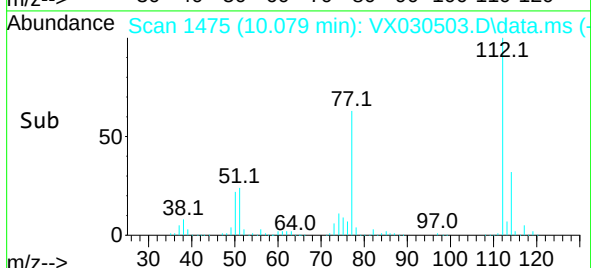
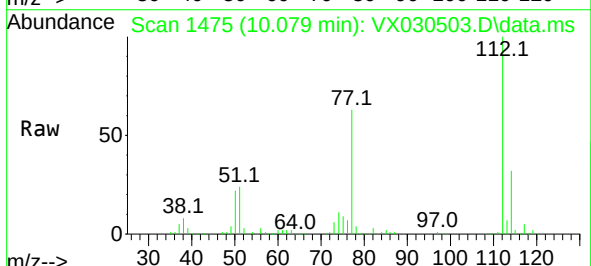


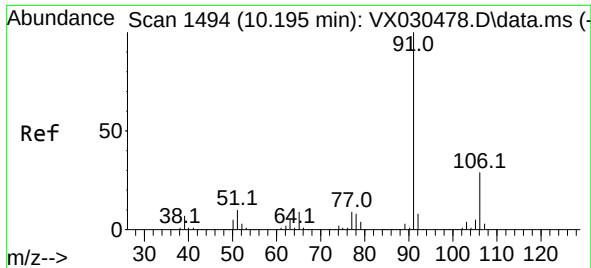
Tgt Ion:107 Resp: 107845
Ion Ratio Lower Upper
107 100
109 96.4 64.8 120.4
188 2.8 2.2 3.2



#51
Chlorobenzene
Concen: 48.009 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion:112 Resp: 231373
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 63.2 50.8 76.2

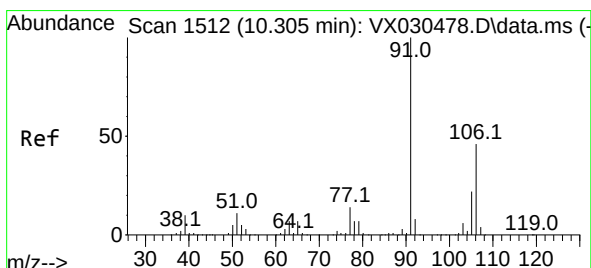
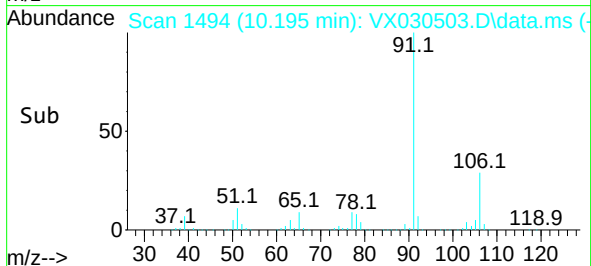
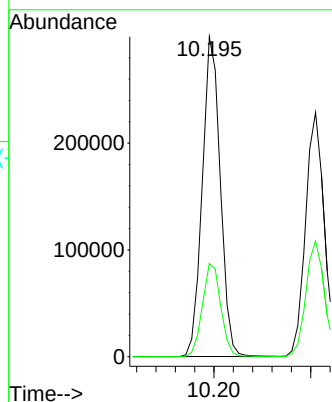
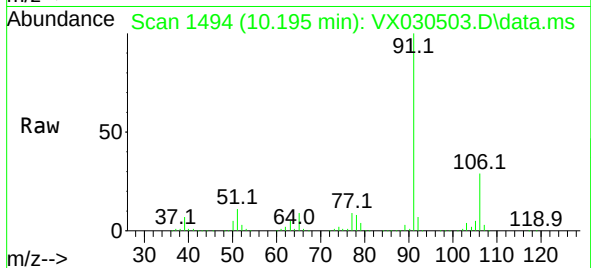




#52
Ethylbenzene
Concen: 46.061 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

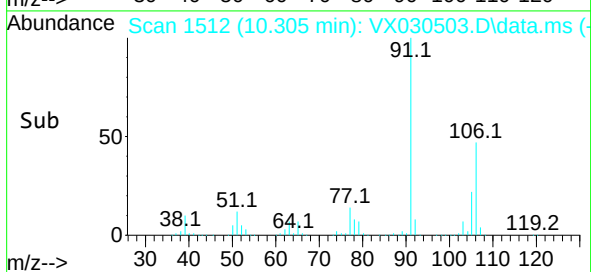
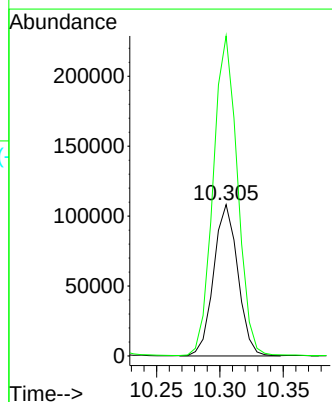
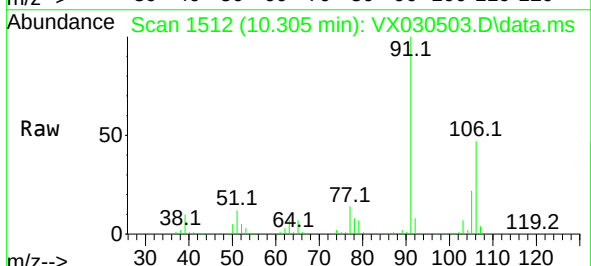
Instrument :
MSVOA_X
ClientSampleId :

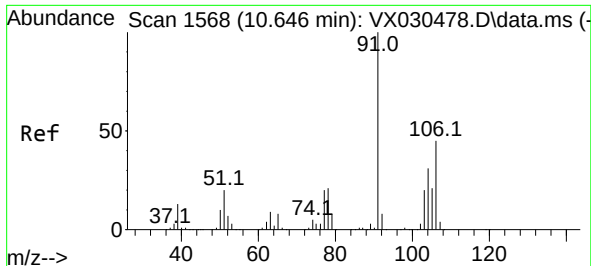
Tgt Ion: 91 Resp: 388508
Ion Ratio Lower Upper
91 100
106 29.1 21.3 39.5



#53
m,p-Xylene
Concen: 45.825 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion: 106 Resp: 144067
Ion Ratio Lower Upper
106 100
91 211.4 147.8 274.6

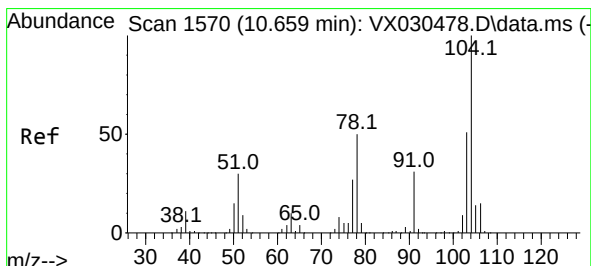
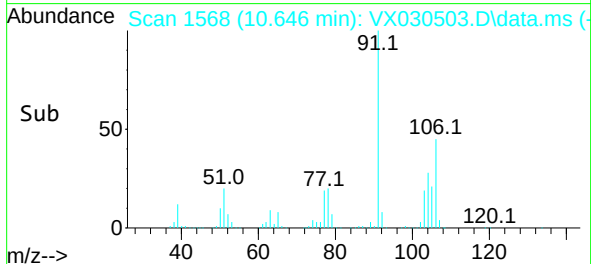
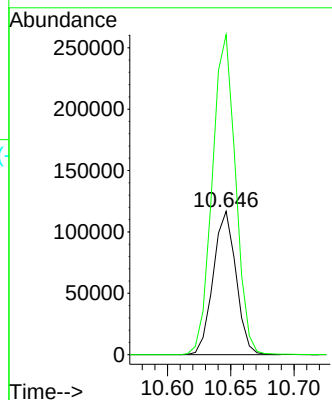
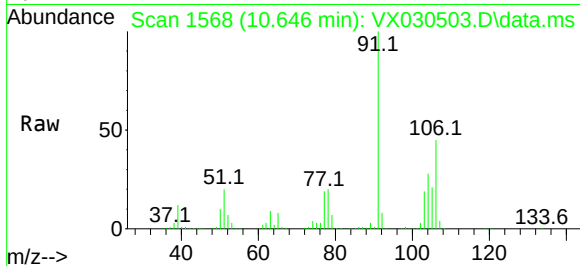




#54
o-Xylene
Concen: 46.718 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

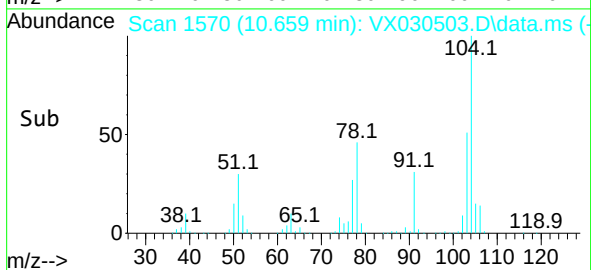
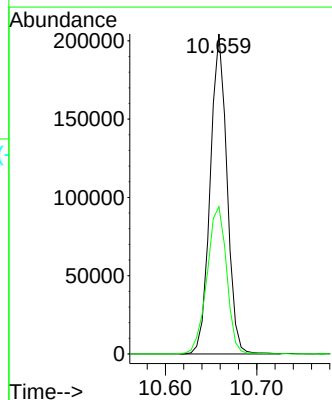
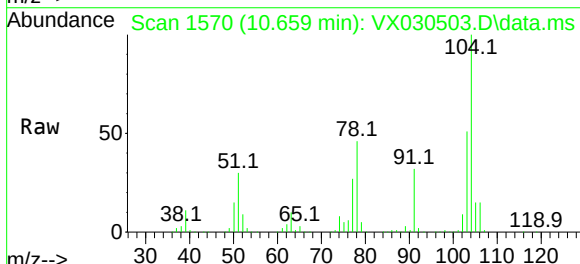
Instrument :
MSVOA_X
ClientSampleId :

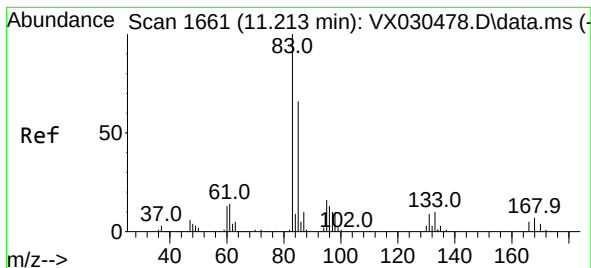
Tgt Ion:106 Resp: 146354
Ion Ratio Lower Upper
106 100
91 223.2 157.8 293.0



#55
Styrene
Concen: 49.201 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion:104 Resp: 259528
Ion Ratio Lower Upper
104 100
78 46.1 33.2 61.7

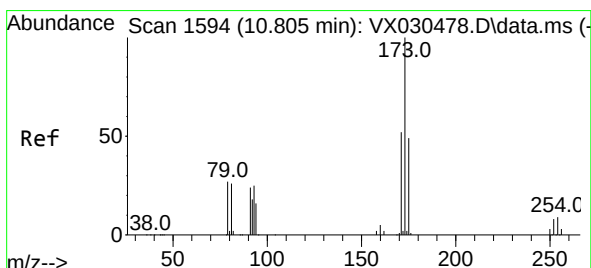
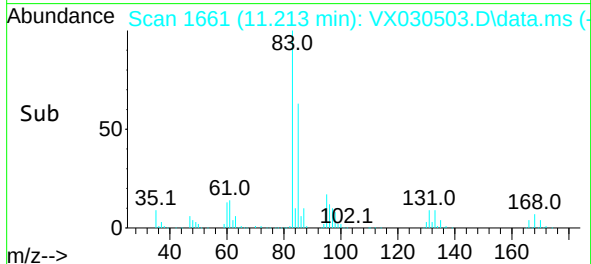
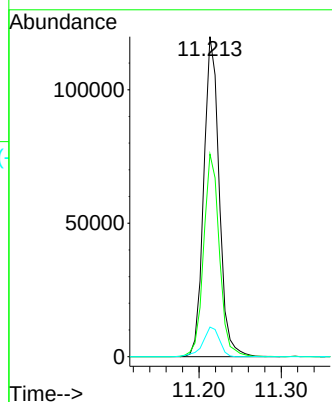
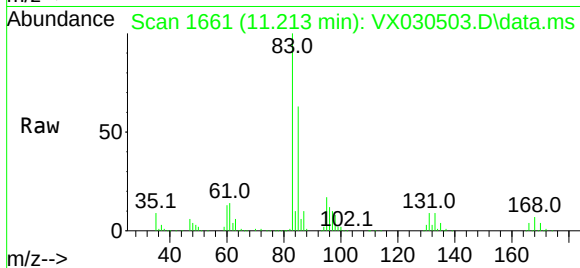




#57
1,1,2,2-Tetrachloroethane
Concen: 56.653 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

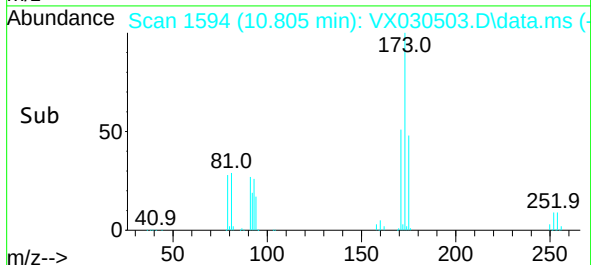
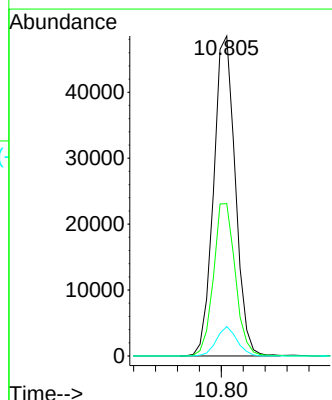
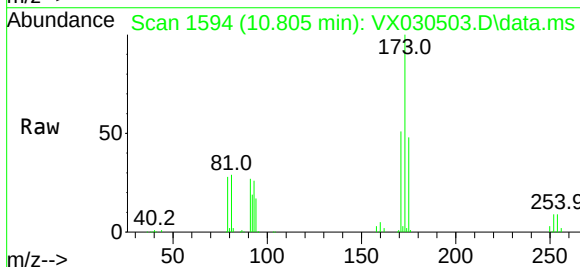
Instrument :
MSVOA_X
ClientSampleId :

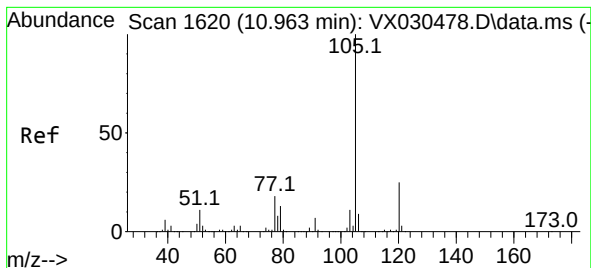
Tgt Ion: 83 Resp: 156062
Ion Ratio Lower Upper
83 100
85 63.3 44.4 82.4
131 9.3 7.5 11.3



#59
Bromoform
Concen: 58.409 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion:173 Resp: 66598
Ion Ratio Lower Upper
173 100
175 47.9 38.9 58.3
254 8.7 7.0 10.4





#60

Isopropylbenzene

Concen: 49.428 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

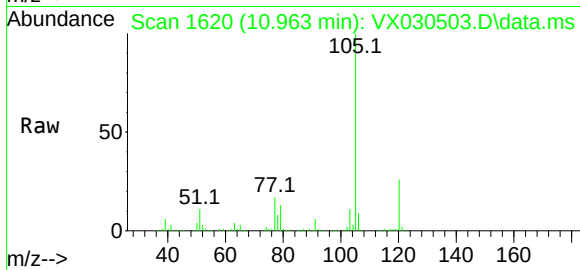
Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

Instrument :

MSVOA_X

ClientSampleId :



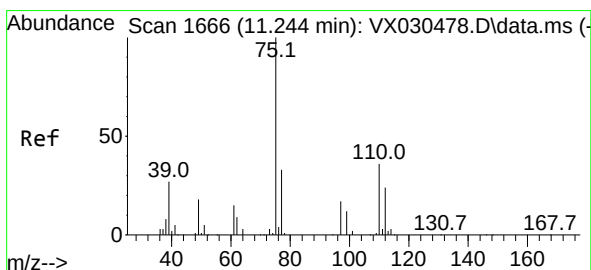
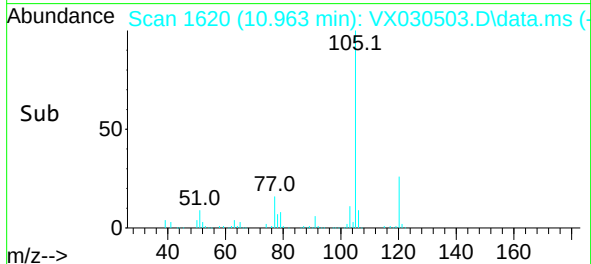
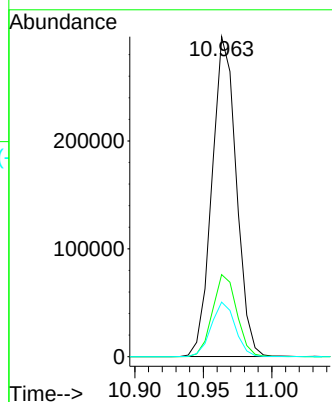
Tgt Ion:105 Resp: 366845

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.8 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 63.849 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX030503.D

Acq: 07 Aug 2022 07:33

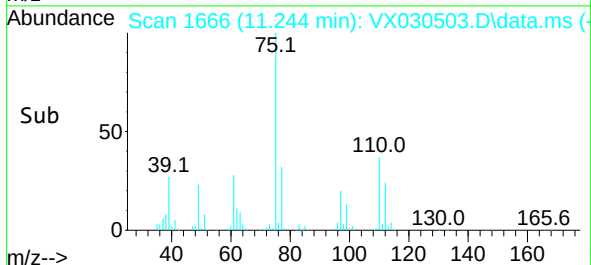
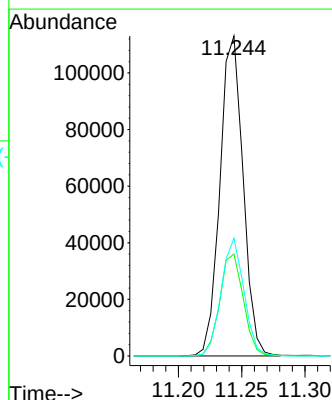
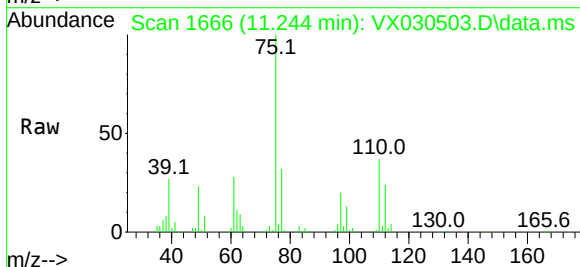
Tgt Ion: 75 Resp: 143570

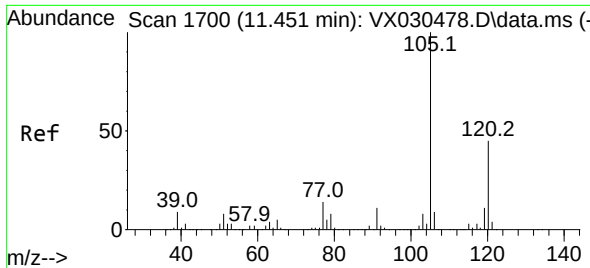
Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1

110 36.3 30.5 45.7

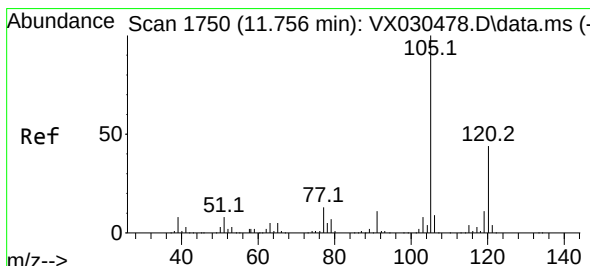
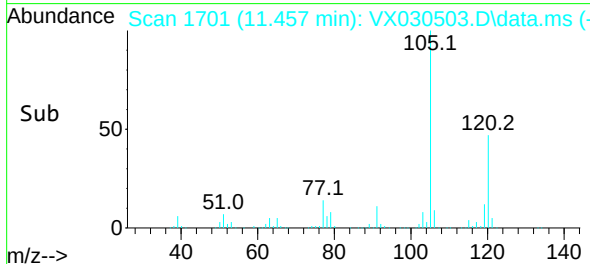
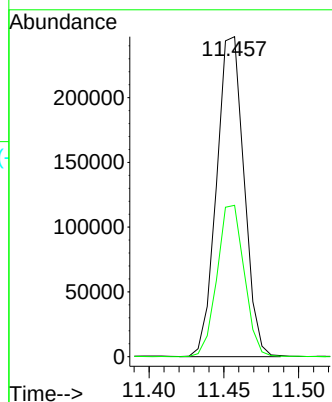
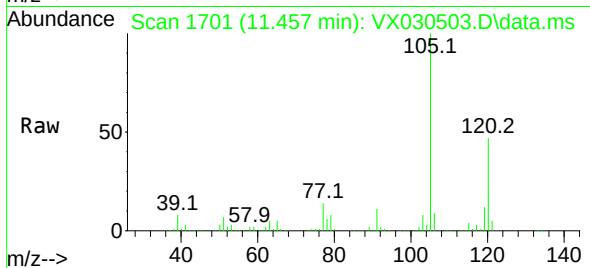




#62
 1,3,5-Trimethylbenzene
 Concen: 49.836 ug/L
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

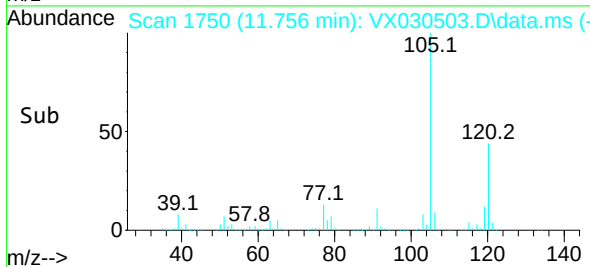
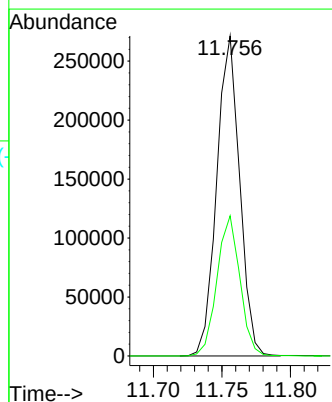
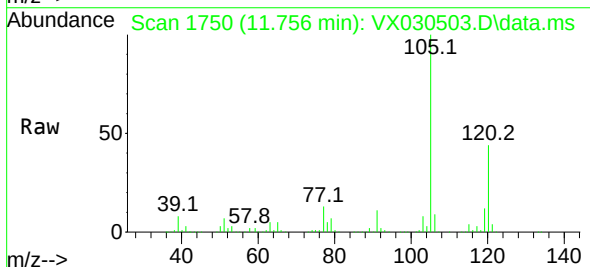
Instrument :
 MSVOA_X
 ClientSampleId :

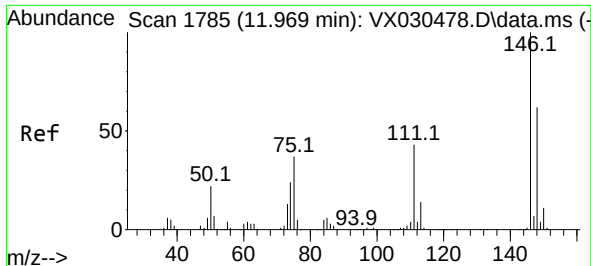
Tgt Ion:105 Resp: 315773
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 49.280 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

Tgt Ion:105 Resp: 315336
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.9 53.9

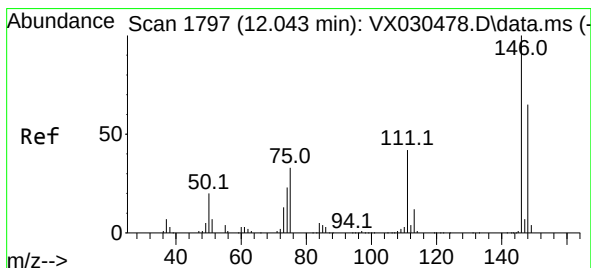
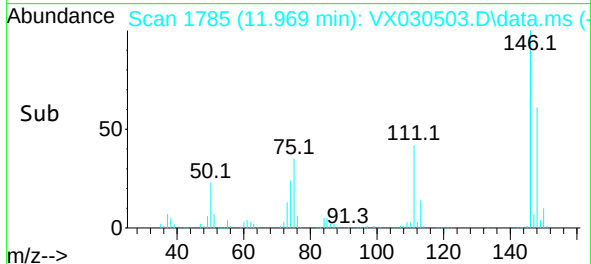
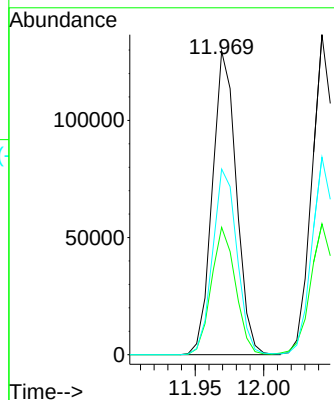
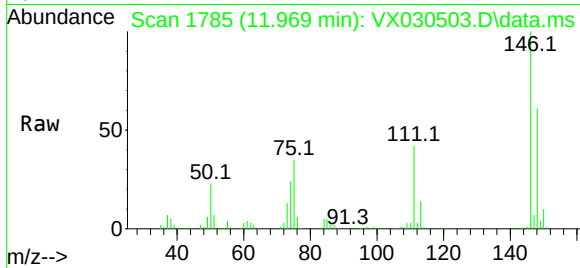




#64
1,3-Dichlorobenzene
Concen: 48.979 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

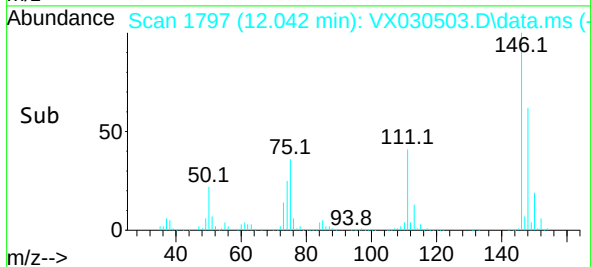
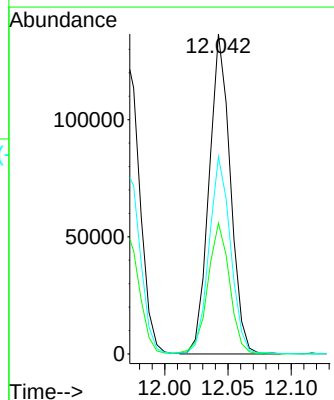
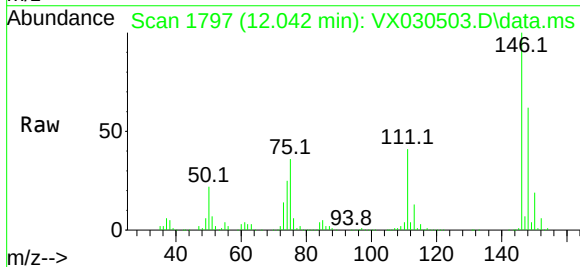
Instrument :
MSVOA_X
ClientSampleId :

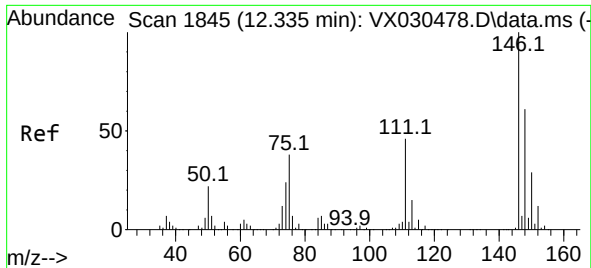
Tgt Ion:146 Resp: 158020
Ion Ratio Lower Upper
146 100
111 41.9 30.9 57.5
148 61.1 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 48.698 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion:146 Resp: 159717
Ion Ratio Lower Upper
146 100
111 40.9 32.6 60.6
148 61.7 48.3 89.7

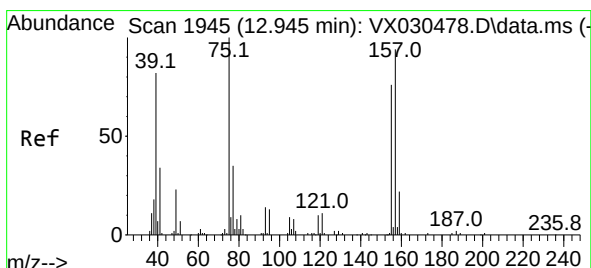
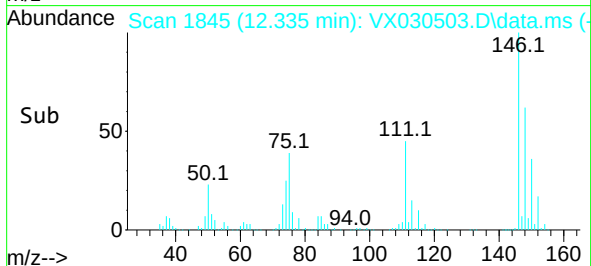
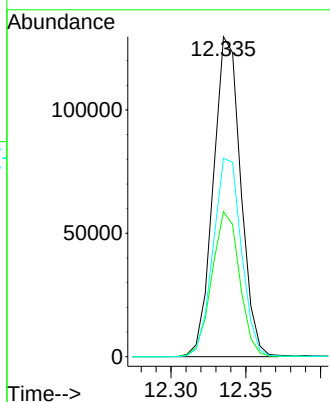
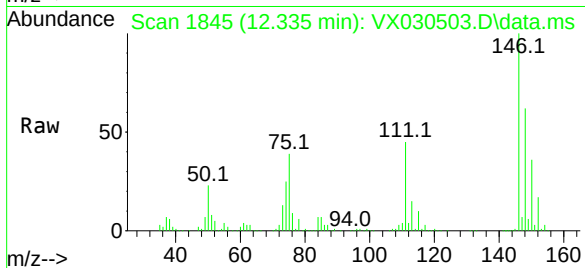




#67
1,2-Dichlorobenzene
Concen: 49.655 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

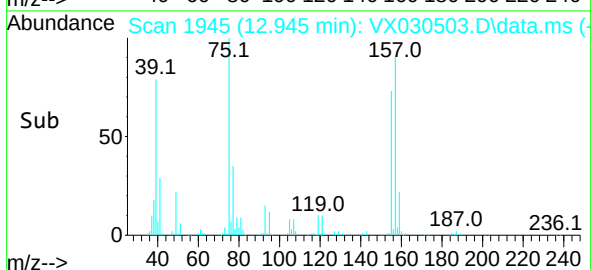
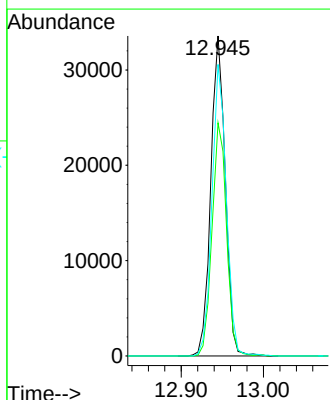
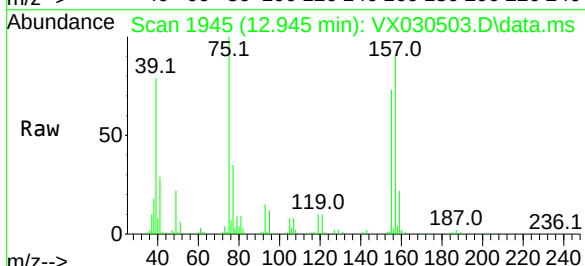
Instrument :
MSVOA_X
ClientSampleId :

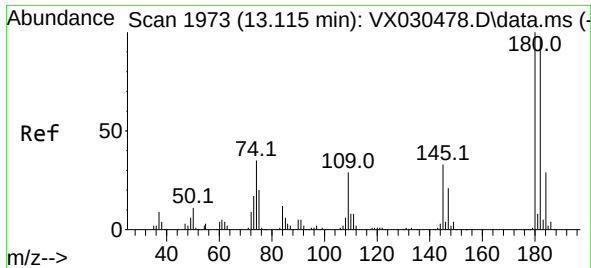
Tgt Ion:146 Resp: 165669
Ion Ratio Lower Upper
146 100
111 45.3 36.9 55.3
148 62.0 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 55.535 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

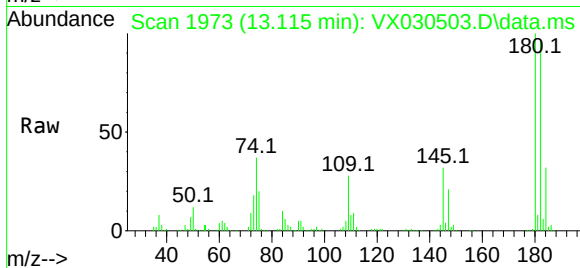
Tgt Ion: 75 Resp: 41192
Ion Ratio Lower Upper
75 100
155 72.8 57.1 85.7
157 91.1 73.1 109.7



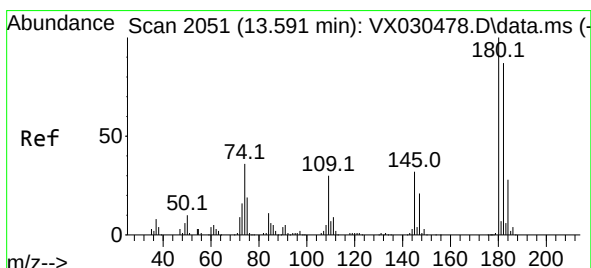
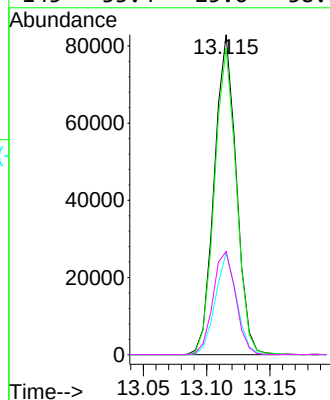
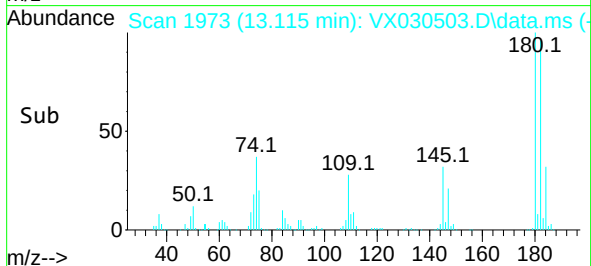


#69
 1,3,5-Trichlorobenzene
 Concen: 44.242 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

Instrument :
 MSVOA_X
 ClientSampleId :

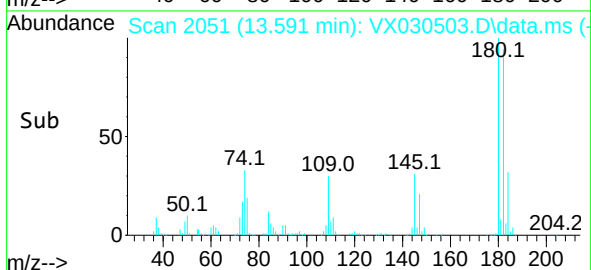
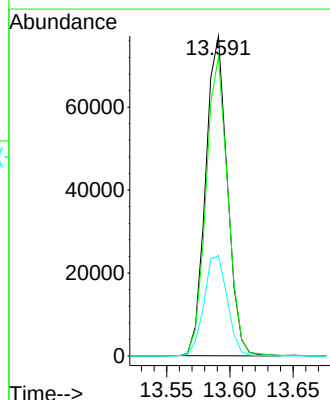
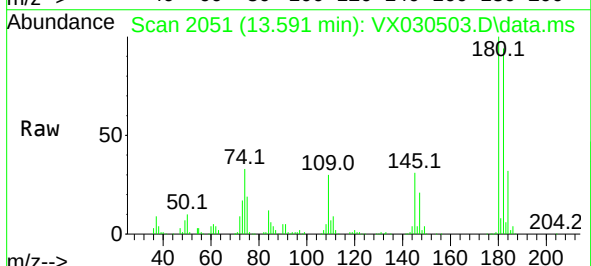


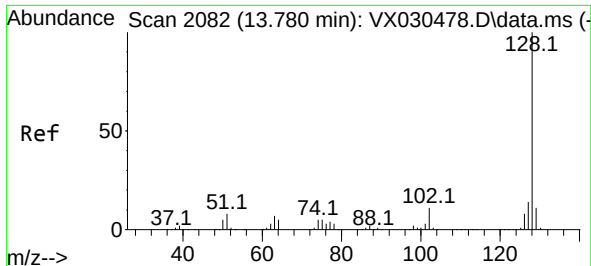
Tgt Ion:180	Resp:	100100
Ion Ratio	Lower	Upper
180	100	
182	95.0	73.7 110.5
184	30.7	24.1 36.1
145	33.4	25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 46.445 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX030503.D
 Acq: 07 Aug 2022 07:33

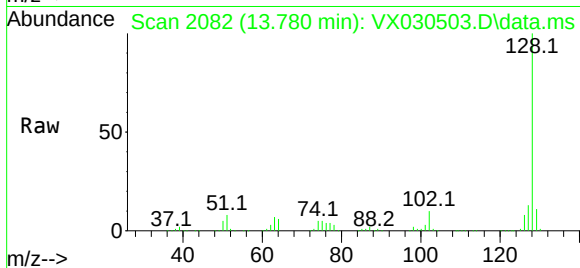
Tgt Ion:180	Resp:	92288
Ion Ratio	Lower	Upper
180	100	
182	93.3	72.7 109.1
145	33.3	26.6 40.0



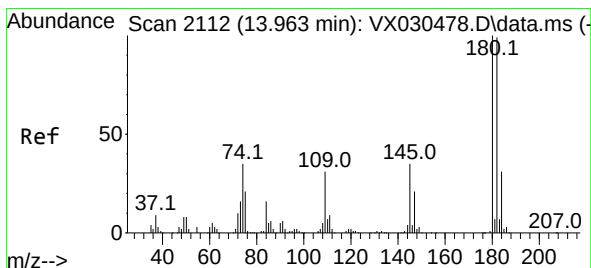
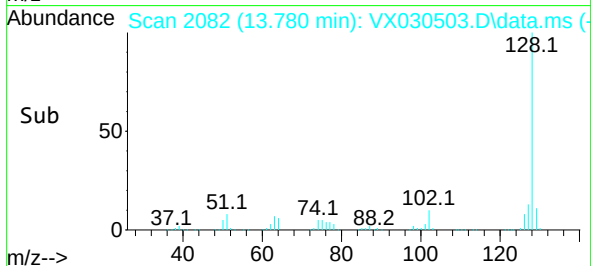
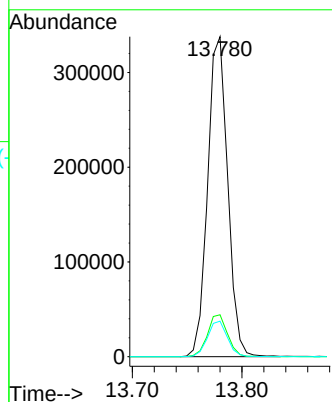


#71
Naphthalene
Concen: 52.163 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 429048
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.195 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030503.D
Acq: 07 Aug 2022 07:33

Tgt Ion:180 Resp: 101157
Ion Ratio Lower Upper
180 100
182 91.8 74.6 112.0
145 34.1 28.4 42.6

