

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030478.D
 Acq On : 06 Aug 2022 20:37
 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 00:19:57 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	300786	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	265547	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126414	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79857	41.343	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.680%
7) Chloroethane-d5	1.666	69	61417	45.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.306	63	163685	44.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.600%
21) 2-Butanone-d5	4.471	46	196724	109.919	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.920%
24) Chloroform-d	5.068	84	184681	46.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.900%
26) 1,2-Dichloroethane-d4	5.964	65	126549	46.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
32) Benzene-d6	5.983	84	334845	44.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	7.312	67	113534	46.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.000%
41) Toluene-d8	8.653	98	291581	40.667	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.340%
43) trans-1,3-Dichloroprop...	8.952	79	48889	39.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.640%
47) 2-Hexanone-d5	9.391	63	131697	104.694	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.690%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	160443	49.489	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	110504	45.068	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102653	45.355	ug/L	100
3) Chloromethane	1.294	50	102158	52.492	ug/L	99
5) Vinyl chloride	1.374	62	105430	50.717	ug/L	99
6) Bromomethane	1.611	94	48058	49.195	ug/L	97
8) Chloroethane	1.685	64	61301	51.770	ug/L	96
9) Trichlorofluoromethane	1.886	101	141124	45.934	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	83522	45.706	ug/L	98
12) 1,1-Dichloroethene	2.319	96	85096	50.546	ug/L #	82
13) Acetone	2.392	43	136195	103.832	ug/L	100
14) Carbon disulfide	2.514	76	229968	42.145	ug/L	100
15) Methyl Acetate	2.709	43	145476	53.582	ug/L	99
16) Methylene chloride	2.788	84	106420	49.852	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	94322	48.360	ug/L	97
18) Methyl tert-butyl Ether	3.123	73	329944	49.745	ug/L	99
19) 1,1-Dichloroethane	3.611	63	190602	50.526	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	109746	50.020	ug/L	99
22) 2-Butanone	4.574	43	221843	107.212	ug/L	98
23) Bromochloromethane	4.910	128	54523	49.554	ug/L	92
25) Chloroform	5.105	83	200273	50.529	ug/L	99

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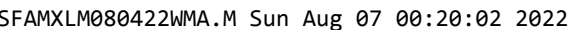
Instrument :
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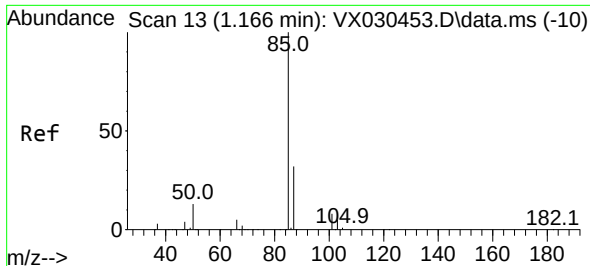
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	166887	50.590	ug/L	98
29) Cyclohexane	5.477	56	147993	41.922	ug/L	96
30) 1,1,1-Trichloroethane	5.391	97	163909	46.795	ug/L	99
31) Carbon tetrachloride	5.684	117	130395	45.104	ug/L	98
33) Benzene	6.044	78	417344	49.019	ug/L	100
34) Trichloroethene	7.135	95	113895	46.188	ug/L	92
35) Methylcyclohexane	7.385	83	136869	38.127	ug/L	98
37) 1,2-Dichloropropane	7.440	63	111619	49.307	ug/L	100
38) Bromodichloromethane	7.830	83	144402	48.198	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	152296	45.099	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	419912	106.518	ug/L	99
42) Toluene	8.720	91	423648	47.103	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	147483	44.621	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	105908	50.314	ug/L	96
46) Tetrachloroethene	9.281	164	66439	42.633	ug/L	96
48) 2-Hexanone	9.433	43	336626	109.902	ug/L	99
49) Dibromochloromethane	9.525	129	104472	46.652	ug/L	99
50) 1,2-Dibromoethane	9.616	107	111126	48.006	ug/L	100
51) Chlorobenzene	10.079	112	263836	47.085	ug/L	100
52) Ethylbenzene	10.195	91	447960	45.678	ug/L	98
53) m,p-Xylene	10.305	106	163566	44.748	ug/L	95
54) o-Xylene	10.646	106	168446	46.246	ug/L	97
55) Styrene	10.659	104	294095	47.953	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	161070	50.290	ug/L	96
59) Bromoform	10.805	173	67429	48.982	ug/L	99
60) Isopropylbenzene	10.963	105	420511	46.929	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	148896	54.846	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	366291	47.881	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	369091	47.775	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	182151	46.763	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	183127	46.247	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	193116	47.942	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	45022	50.274	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	122926	45.001	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	111429	46.448	ug/L	98
71) Naphthalene	13.780	128	499468	50.296	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	117859	46.509	ug/L	97

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

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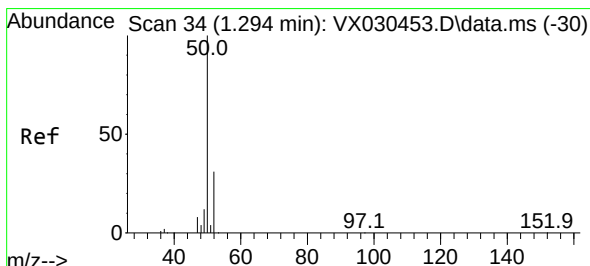
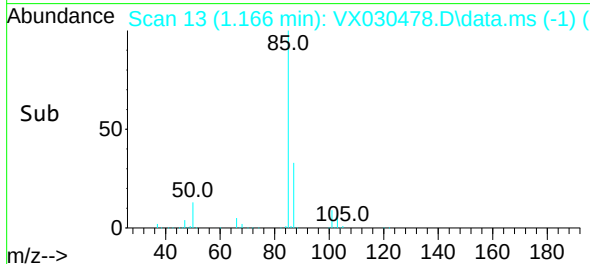
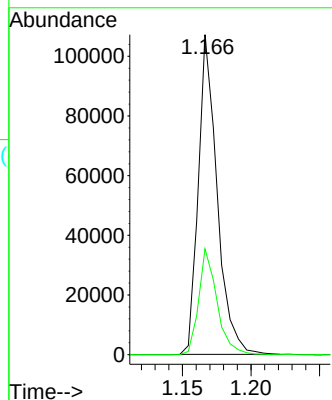
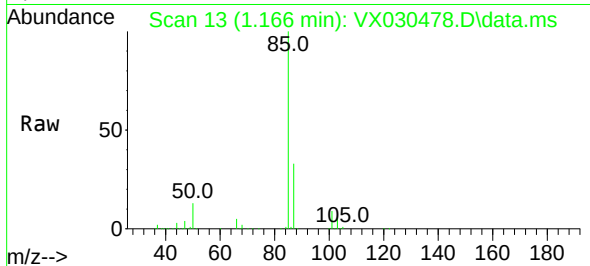




#2
 Dichlorodifluoromethane
 Concen: 45.355 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030478.D
 Acq: 06 Aug 2022 20:37

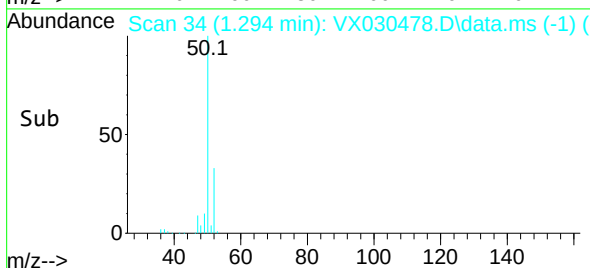
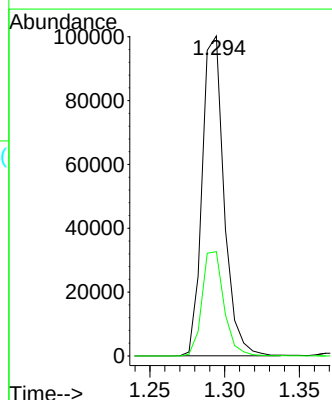
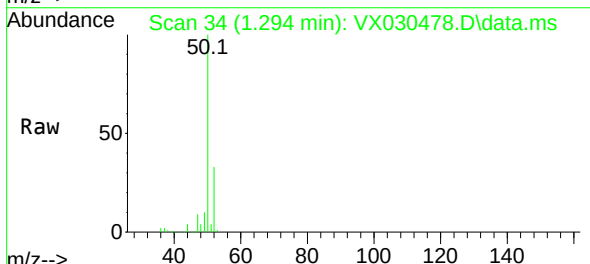
Instrument :
 MSVOA_X
 ClientSampleId :

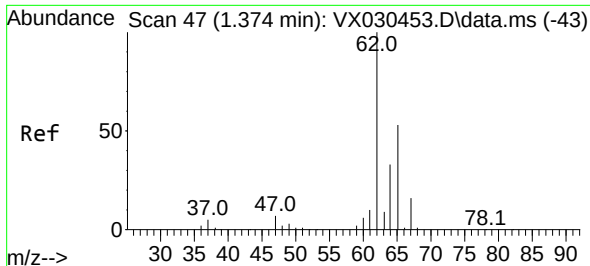
Tgt Ion: 85 Resp: 102653
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 52.492 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX030478.D
 Acq: 06 Aug 2022 20:37

Tgt Ion: 50 Resp: 102158
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.3 43.3

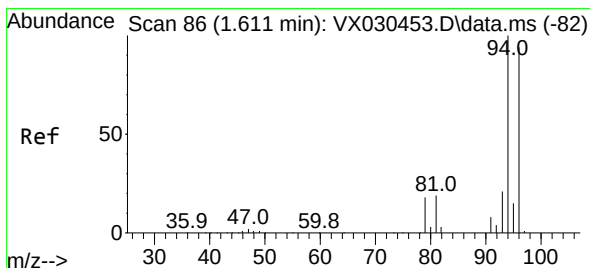
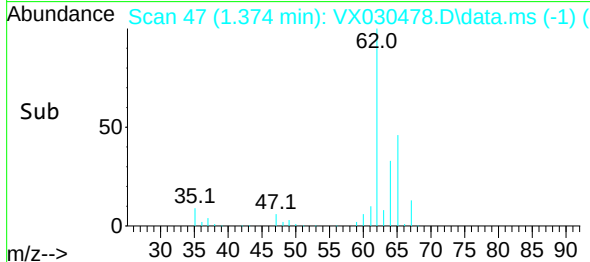
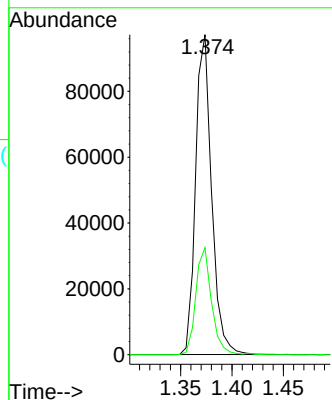
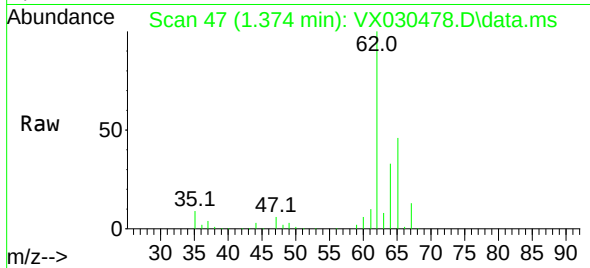




#5
 Vinyl chloride
 Concen: 50.717 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030478.D
 Acq: 06 Aug 2022 20:37

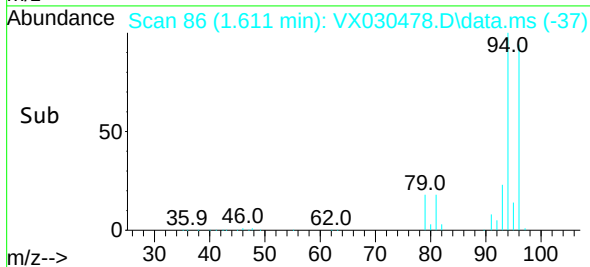
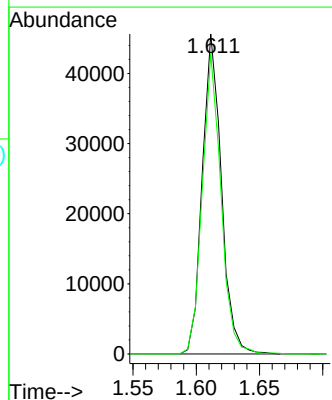
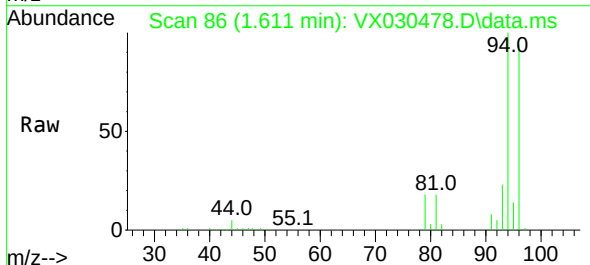
Instrument :
 MSVOA_X
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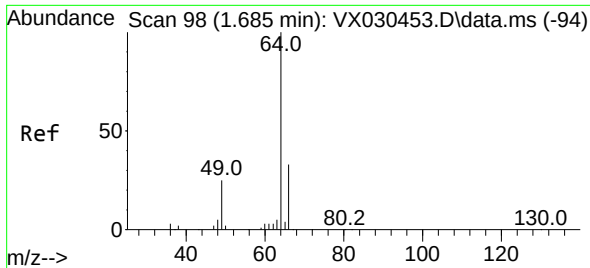
Tgt Ion: 62 Resp: 105430
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.8 44.2



#6
 Bromomethane
 Concen: 49.195 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030478.D
 Acq: 06 Aug 2022 20:37

Tgt Ion: 94 Resp: 48058
 Ion Ratio Lower Upper
 94 100
 96 93.8 63.8 118.6

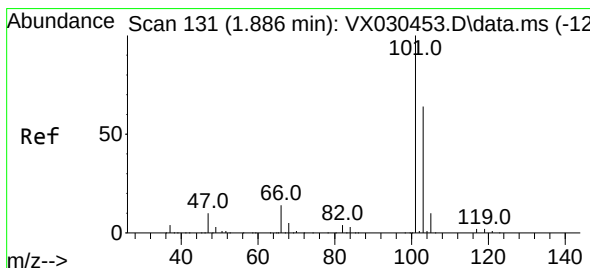
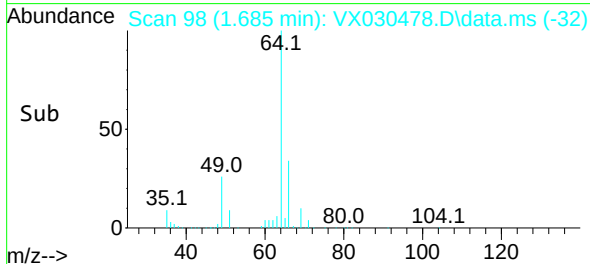
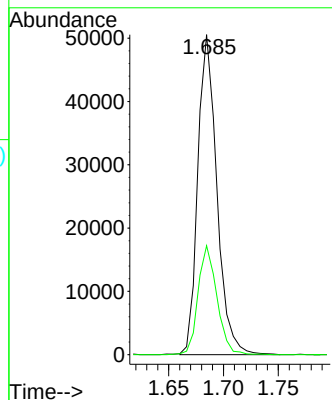
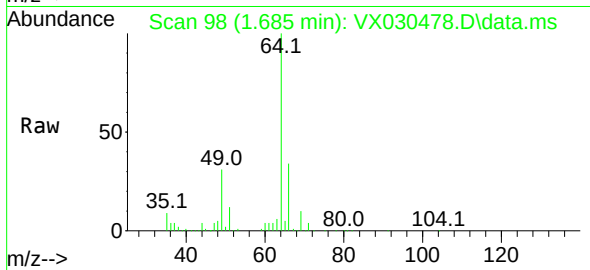




#8
 Chloroethane
 Concen: 51.770 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030478.D
 Acq: 06 Aug 2022 20:37

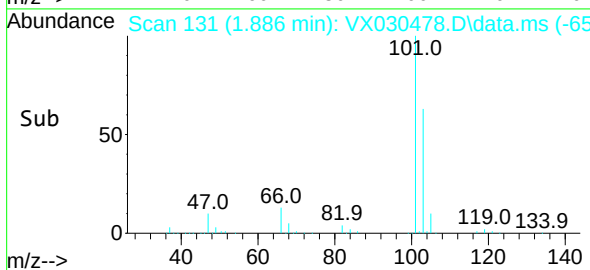
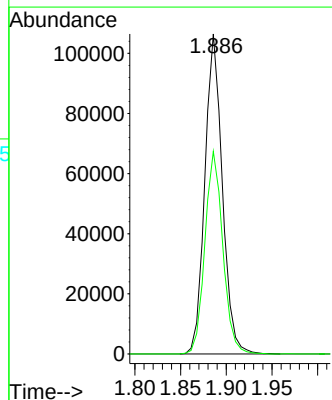
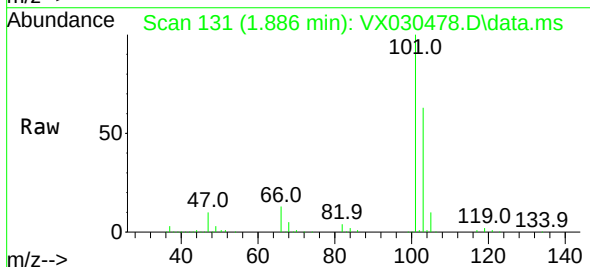
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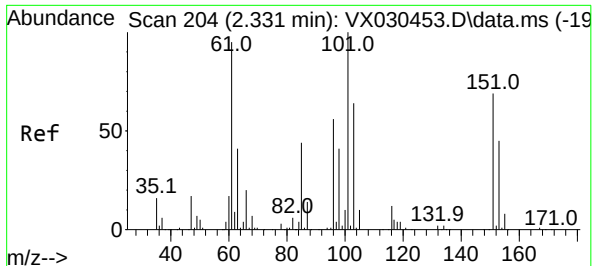
Tgt Ion: 64 Resp: 61301
 Ion Ratio Lower Upper
 64 100
 66 34.0 22.1 41.1



#9
 Trichlorofluoromethane
 Concen: 45.934 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX030478.D
 Acq: 06 Aug 2022 20:37

Tgt Ion: 101 Resp: 141124
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.5 77.3





#10

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

Concen: 45.706 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

Instrument :

MSVOA_X

ClientSampleId :

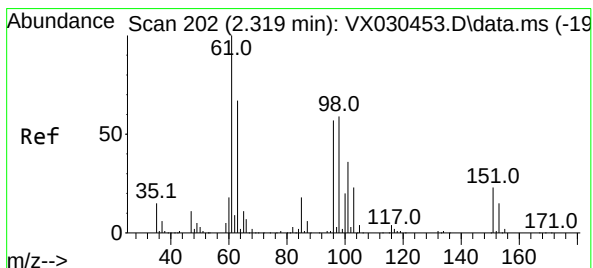
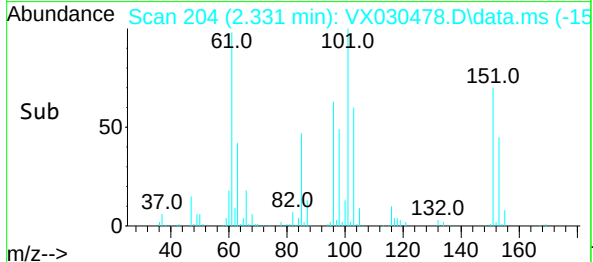
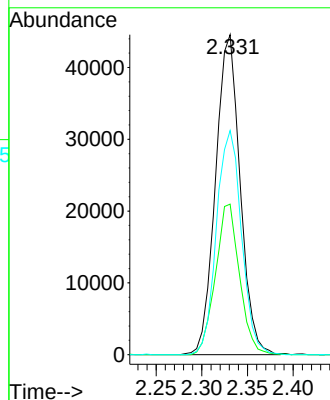
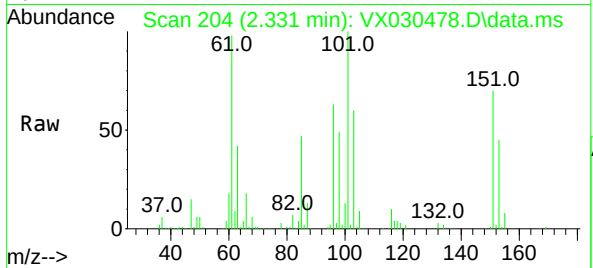
Tgt Ion:101 Resp: 83522

Ion Ratio Lower Upper

101 100

85 46.1 35.3 52.9

151 71.2 58.3 87.5



#12

1,1-Dichloroethene

Concen: 50.546 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

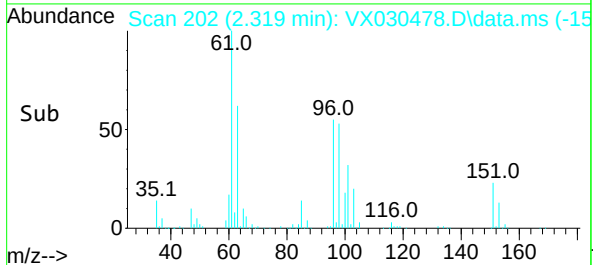
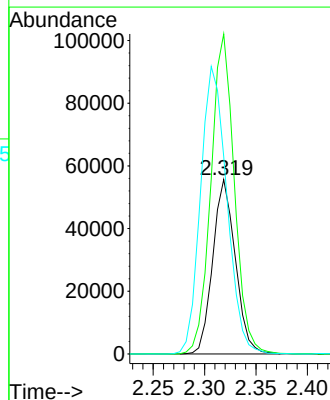
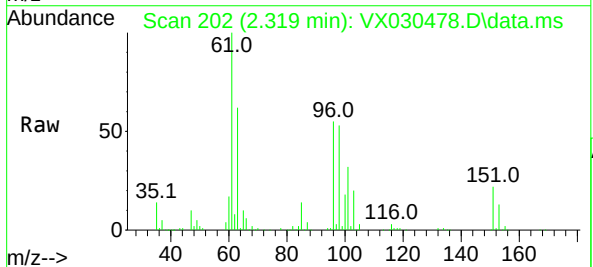
Tgt Ion: 96 Resp: 85096

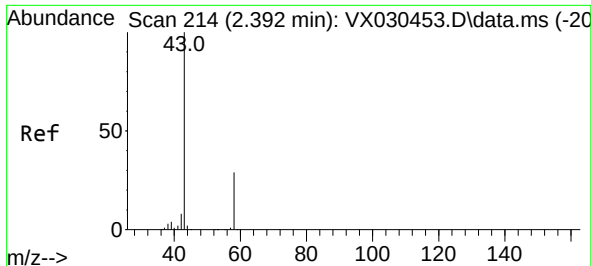
Ion Ratio Lower Upper

96 100

61 183.4 130.2 241.8

63 113.2 113.5 210.9#





#13

Acetone

Concen: 103.832 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

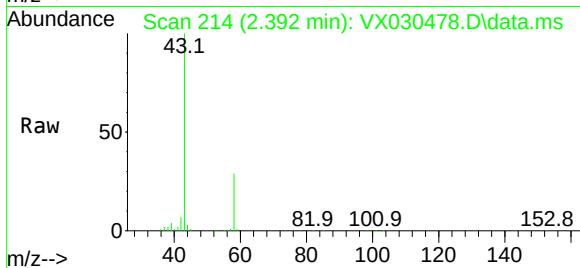
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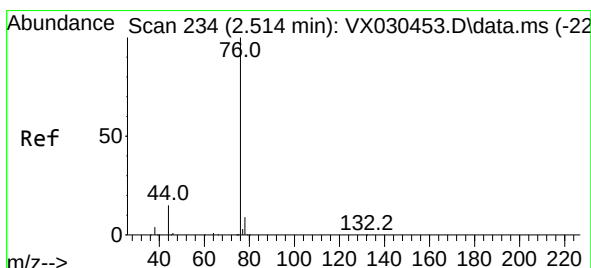
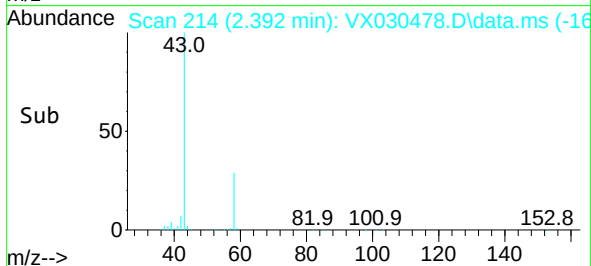
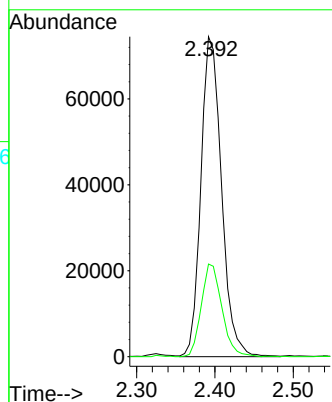


Tgt Ion: 43 Resp: 136195

Ion Ratio Lower Upper

43 100

58 28.9 0.0 57.8



#14

Carbon disulfide

Concen: 42.145 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX030478.D

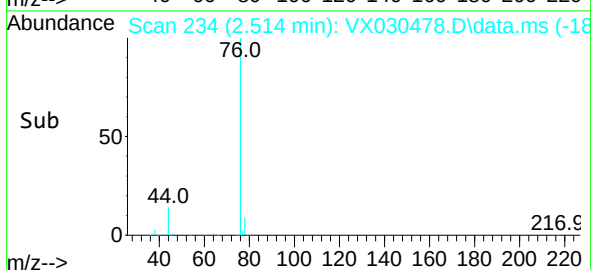
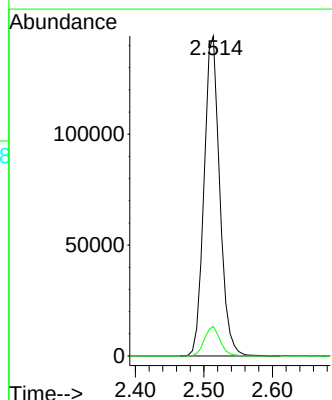
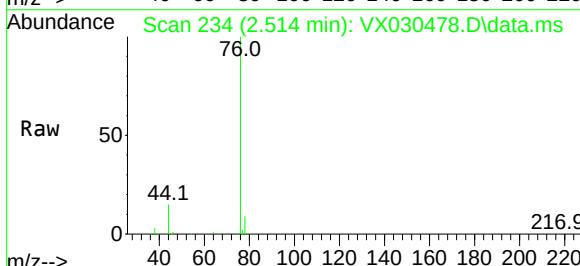
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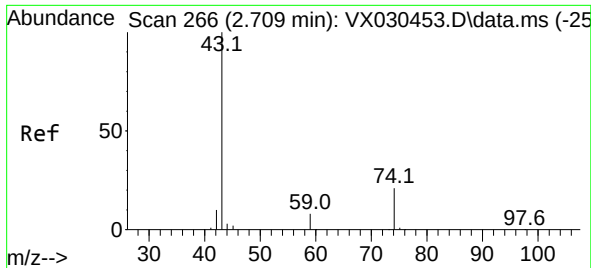
Tgt Ion: 76 Resp: 229968

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

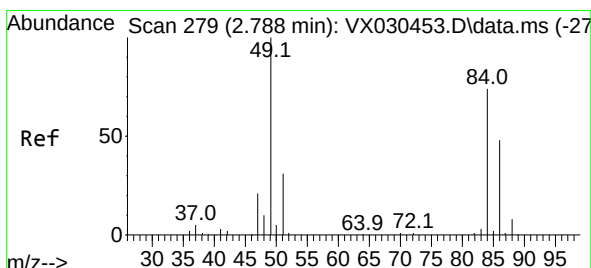
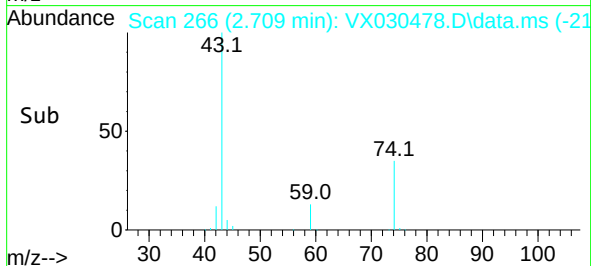
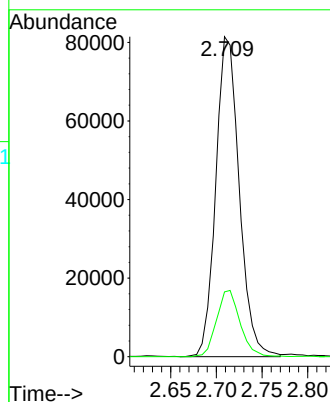
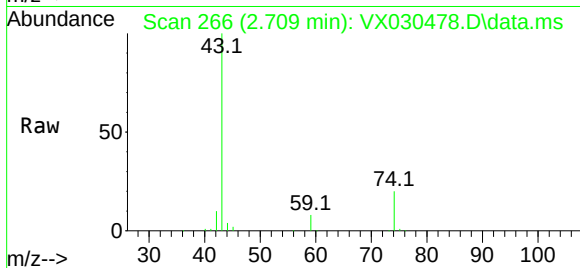




#15
Methyl Acetate
Concen: 53.582 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

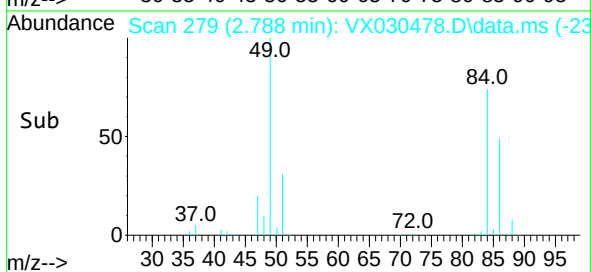
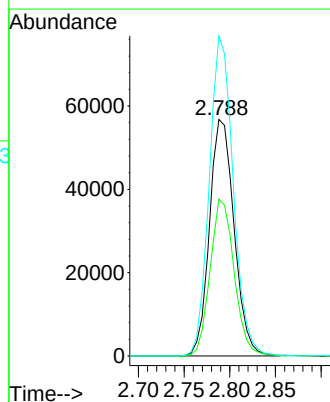
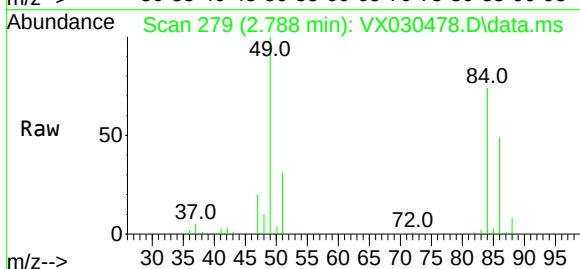
Instrument :
MSVOA_X
ClientSampleId :

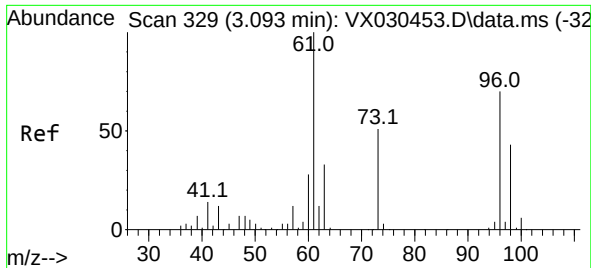
Tgt Ion: 43 Resp: 145476
Ion Ratio Lower Upper
43 100
74 20.8 17.2 25.8



#16
Methylene chloride
Concen: 49.852 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion: 84 Resp: 106420
Ion Ratio Lower Upper
84 100
86 66.3 44.2 82.2
49 135.3 89.0 165.2

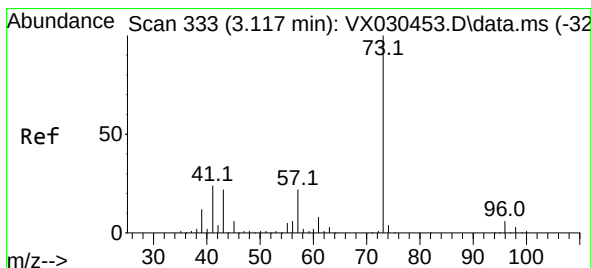
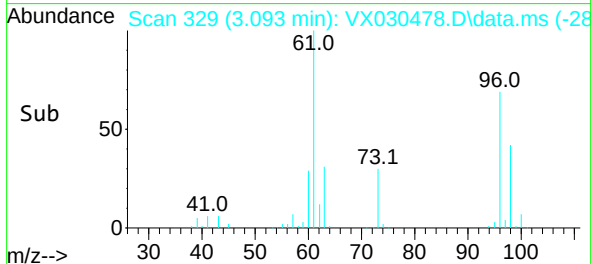
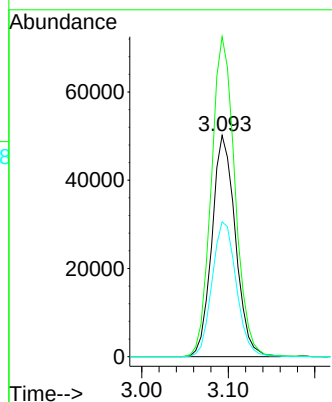
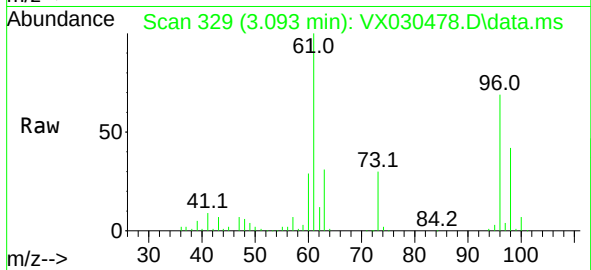




#17
trans-1,2-Dichloroethene
Concen: 48.360 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

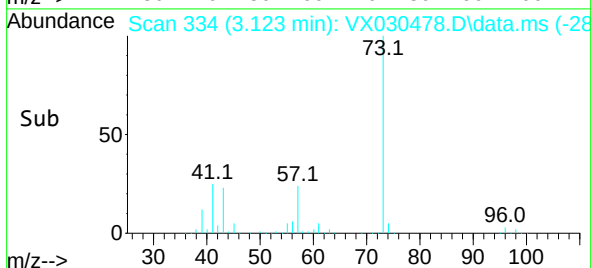
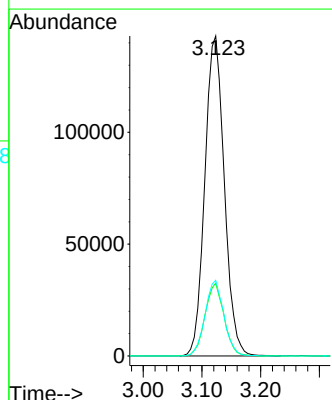
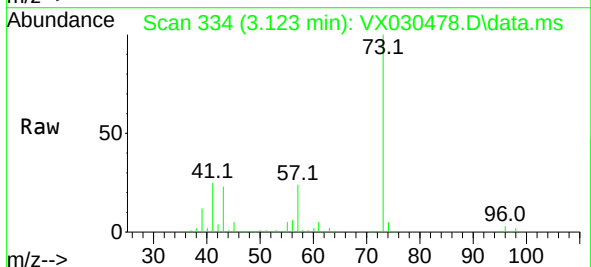
Instrument :
MSVOA_X
ClientSampleId :

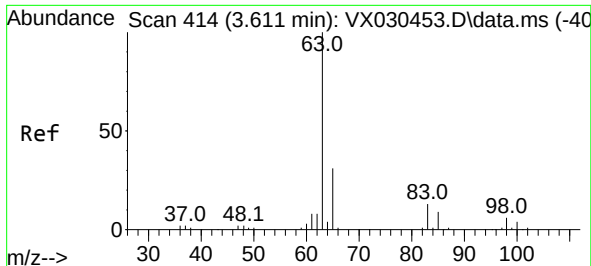
Tgt Ion: 96 Resp: 94322
Ion Ratio Lower Upper
96 100
61 144.7 103.7 192.5
98 60.9 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 49.745 ug/L
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion: 73 Resp: 329944
Ion Ratio Lower Upper
73 100
43 22.1 17.6 26.4
57 22.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.526 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

Instrument :

MSVOA_X

ClientSampleId :

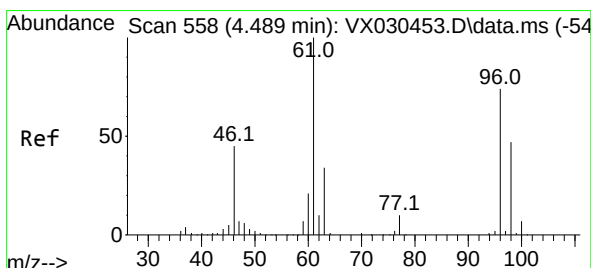
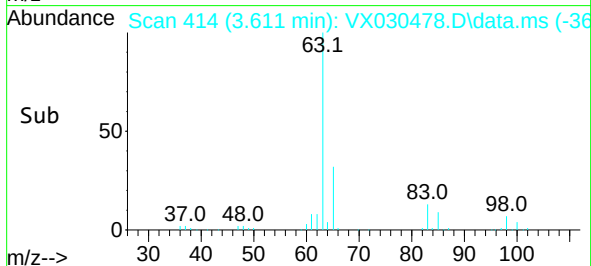
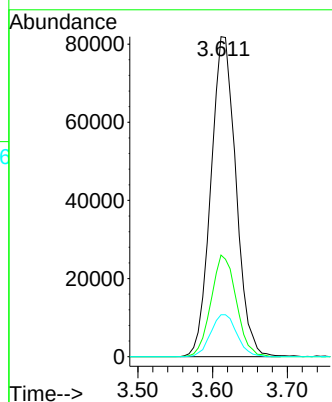
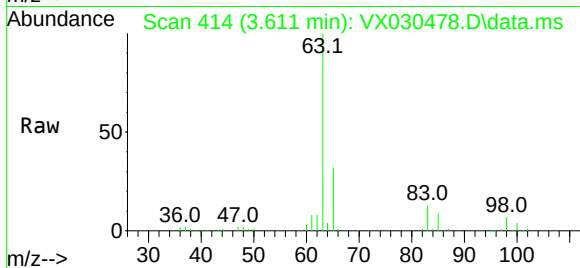
Tgt Ion: 63 Resp: 190602

Ion Ratio Lower Upper

63 100

65 31.8 22.0 40.8

83 13.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 50.020 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

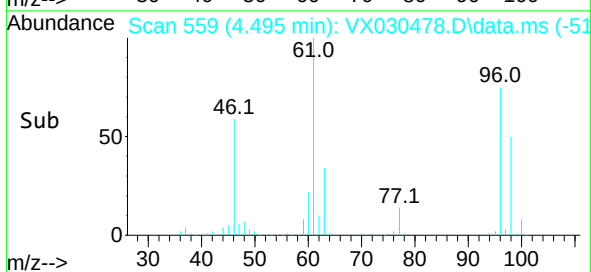
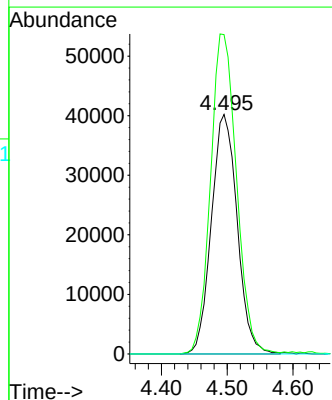
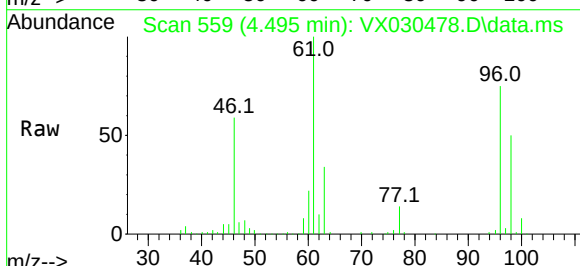
Tgt Ion: 96 Resp: 109746

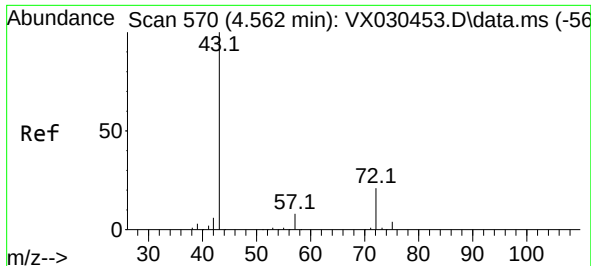
Ion Ratio Lower Upper

96 100

61 133.3 94.0 174.6

68 0.0 0.0 0.0

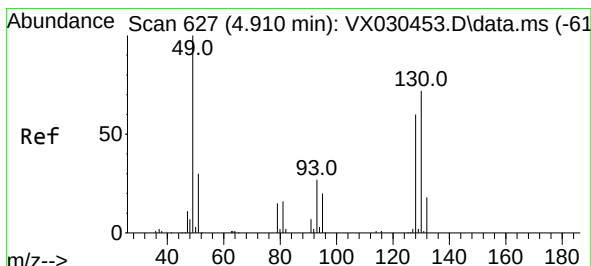
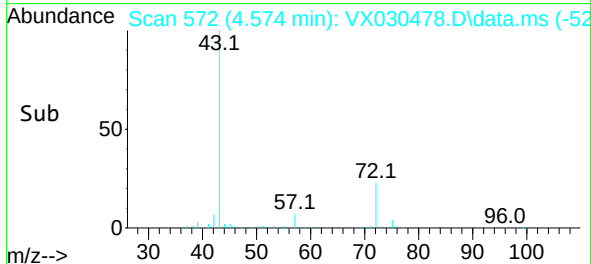
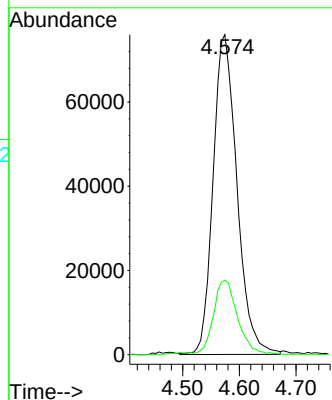
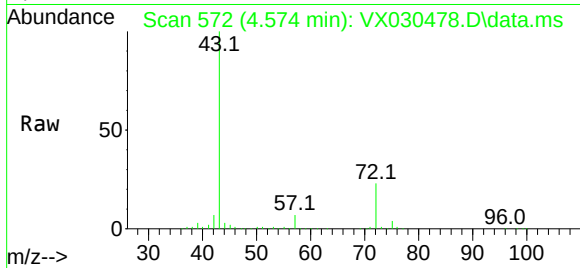




#22
2-Butanone
Concen: 107.212 ug/L
RT: 4.574 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

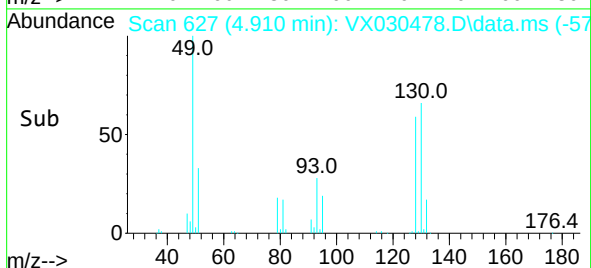
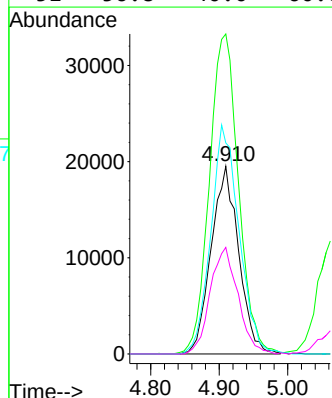
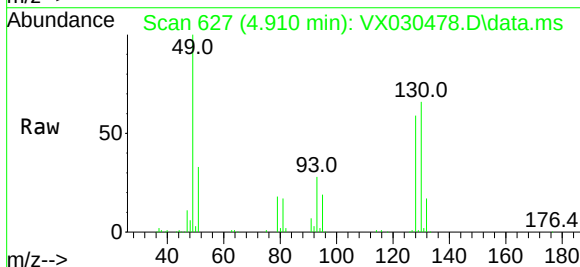
Instrument :
MSVOA_X
ClientSampleId :

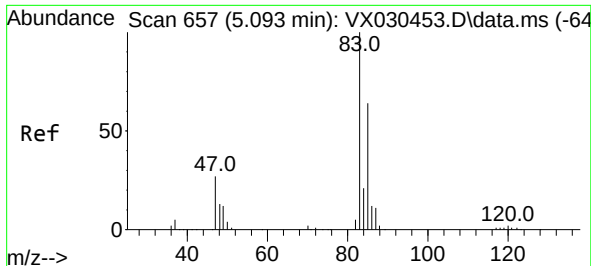
Tgt Ion: 43 Resp: 221843
Ion Ratio Lower Upper
43 100
72 22.6 11.7 35.1



#23
Bromochloromethane
Concen: 49.554 ug/L
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion:128 Resp: 54523
Ion Ratio Lower Upper
128 100
49 170.5 116.8 216.8
130 112.4 90.3 167.7
51 56.8 40.0 60.0

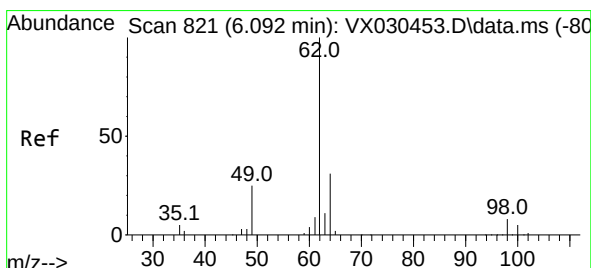
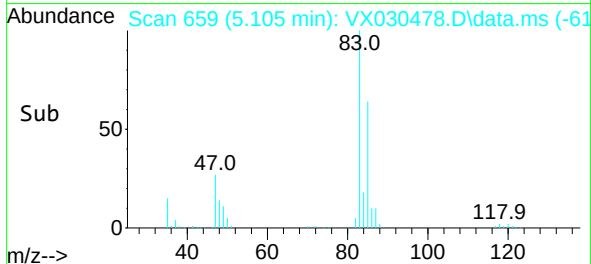
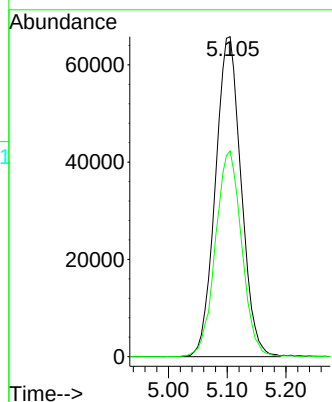
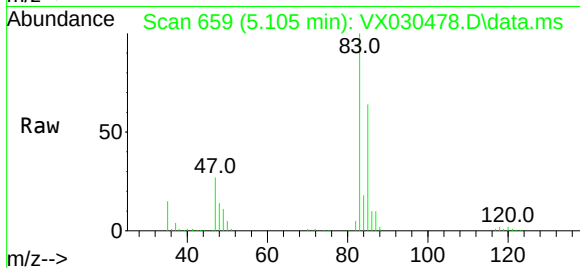




#25
Chloroform
Concen: 50.529 ug/L
RT: 5.105 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

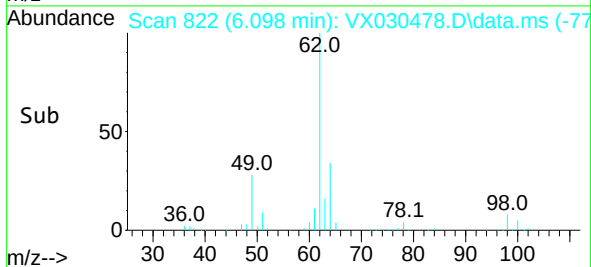
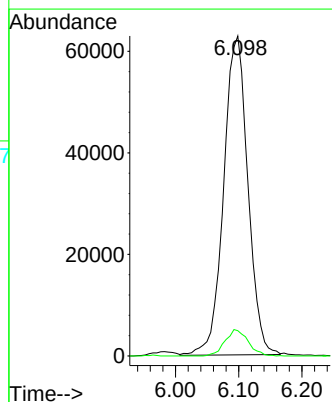
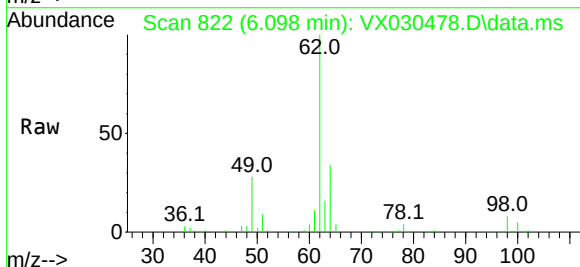
Instrument :
MSVOA_X
ClientSampleId :

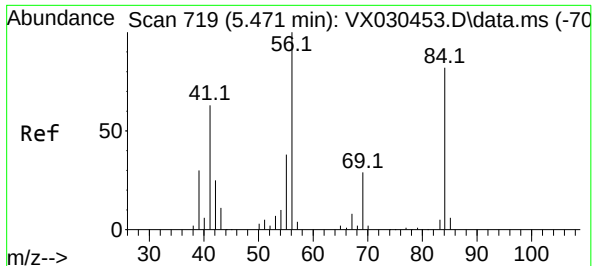
Tgt Ion: 83 Resp: 200273
Ion Ratio Lower Upper
83 100
85 64.3 45.6 84.6



#27
1,2-Dichloroethane
Concen: 50.590 ug/L
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

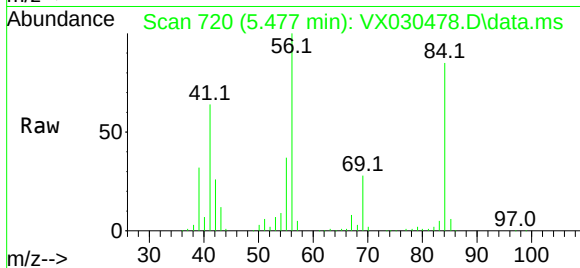
Tgt Ion: 62 Resp: 166887
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.6



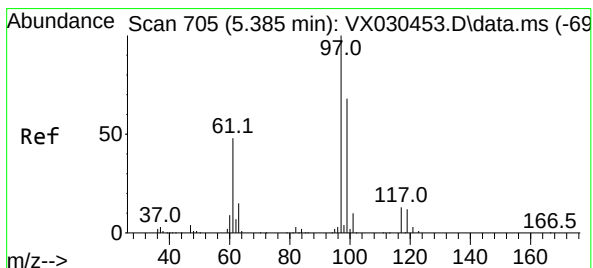
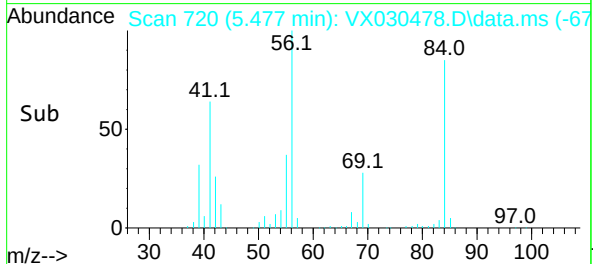
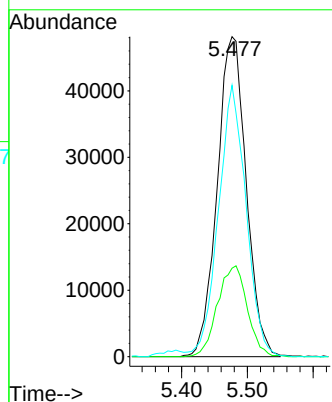


#29
Cyclohexane
Concen: 41.922 ug/L
RT: 5.477 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Instrument :
MSVOA_X
ClientSampleId :

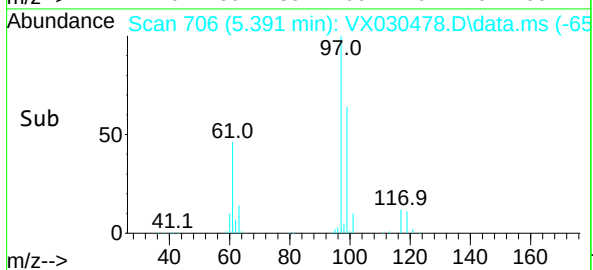
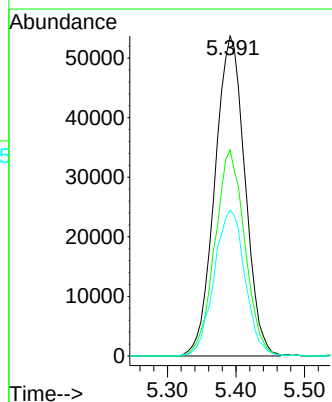
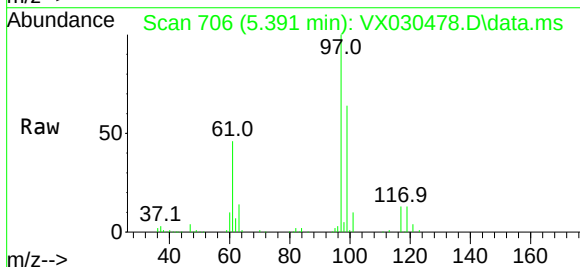


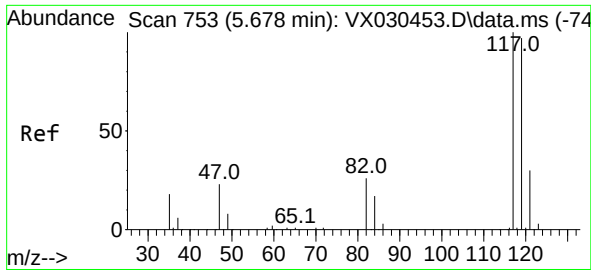
Tgt Ion: 56 Resp: 147993
Ion Ratio Lower Upper
56 100
69 28.9 24.3 36.5
84 79.9 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 46.795 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

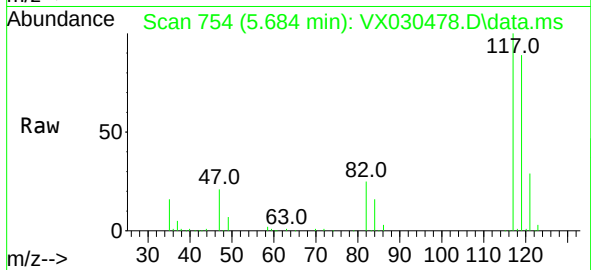
Tgt Ion: 97 Resp: 163909
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 46.8 37.0 55.6



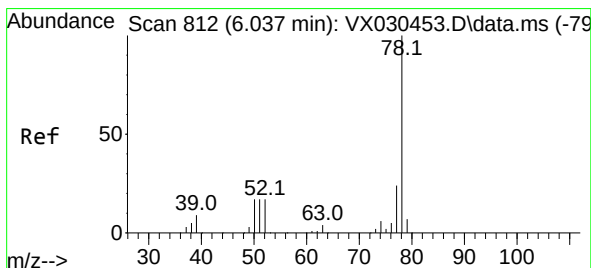
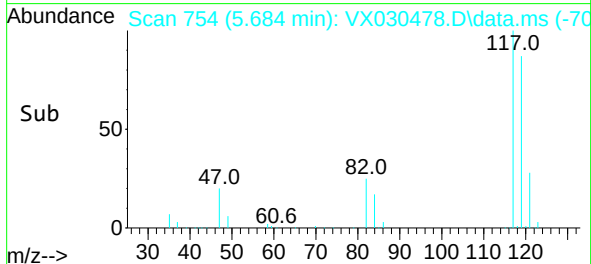
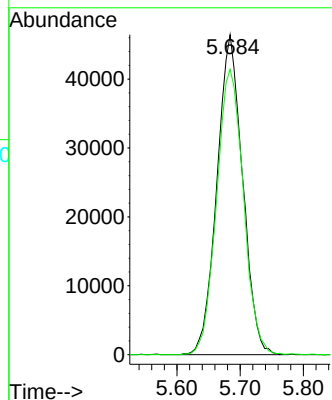


#31
Carbon tetrachloride
Concen: 45.104 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Instrument :
MSVOA_X
ClientSampleId :

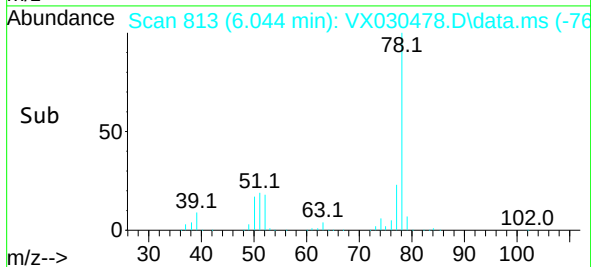
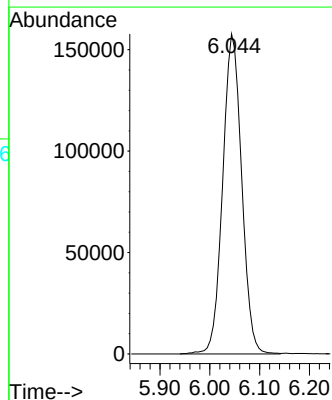
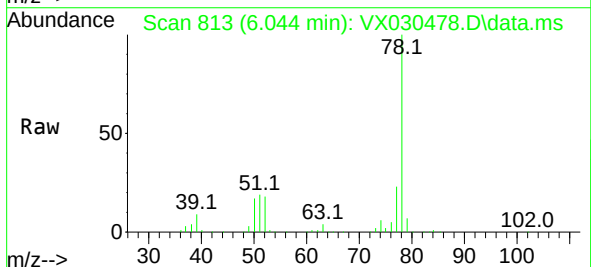


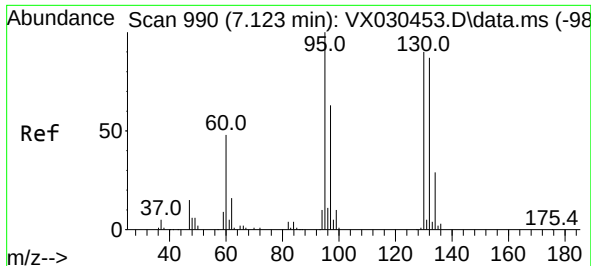
Tgt Ion:117 Resp: 130395
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.2



#33
Benzene
Concen: 49.019 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

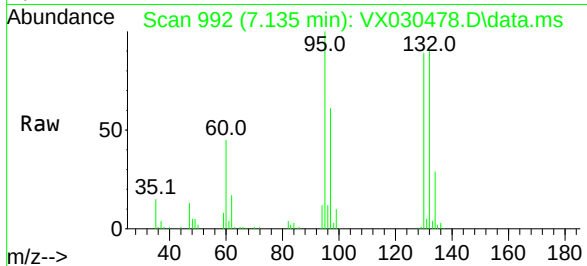
Tgt Ion: 78 Resp: 417344



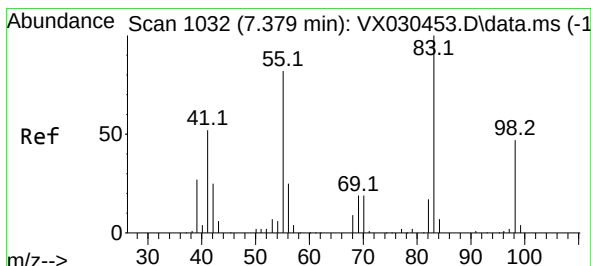
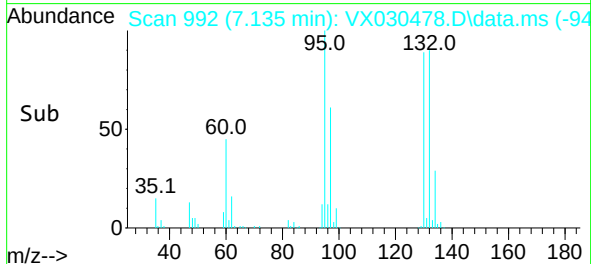
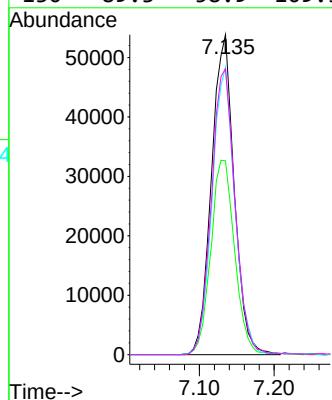


#34
Trichloroethene
Concen: 46.188 ug/L
RT: 7.135 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Instrument :
MSVOA_X
ClientSampleId :

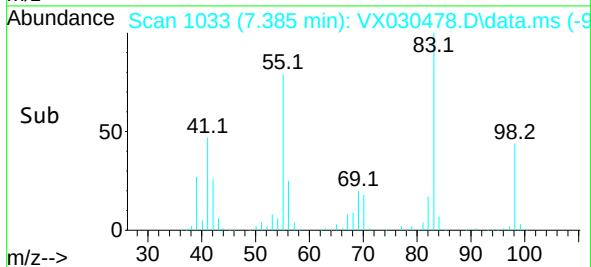
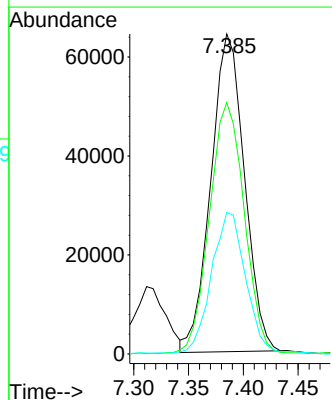
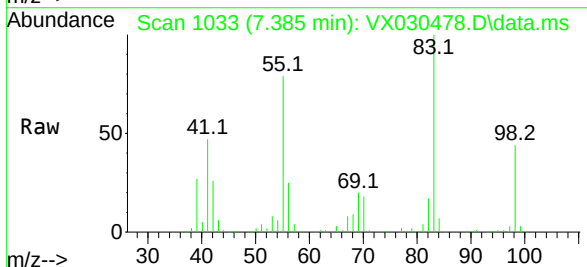


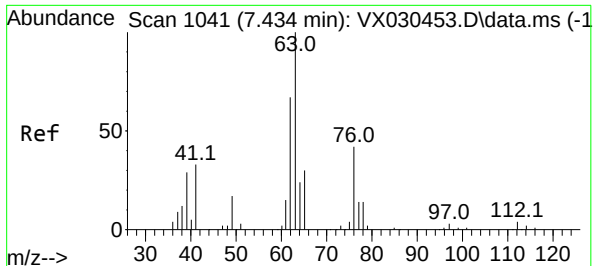
Tgt Ion: 95 Resp: 113895
Ion Ratio Lower Upper
95 100
97 60.6 40.2 74.6
132 89.9 55.3 102.7
130 89.3 58.9 109.5



#35
Methylcyclohexane
Concen: 38.127 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion: 83 Resp: 136869
Ion Ratio Lower Upper
83 100
55 82.5 64.0 96.0
98 45.5 36.7 55.1





#37

1,2-Dichloropropane

Concen: 49.307 ug/L

RT: 7.440 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

Instrument :

MSVOA_X

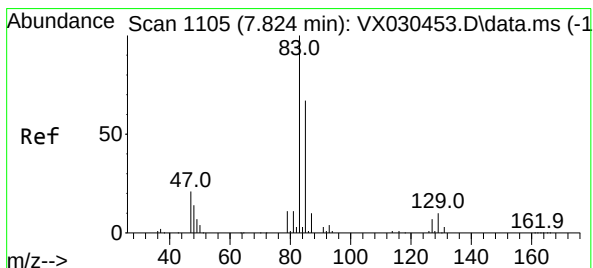
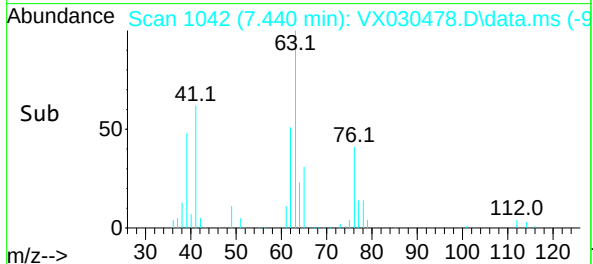
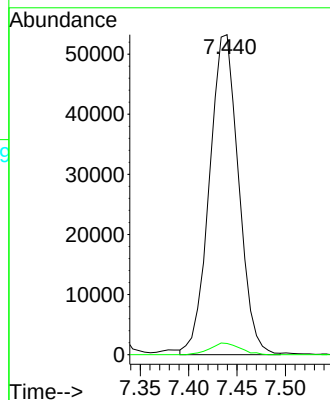
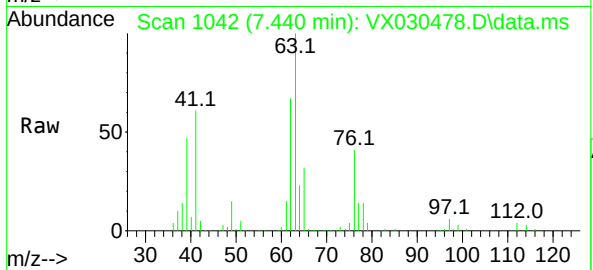
ClientSampleId :

Tgt Ion: 63 Resp: 111619

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 48.198 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

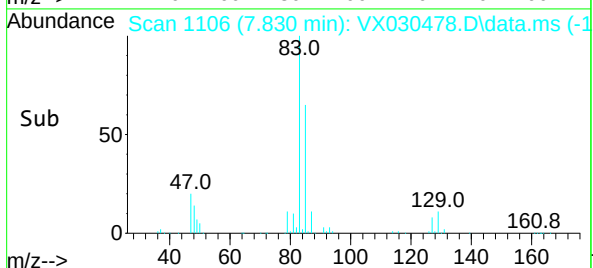
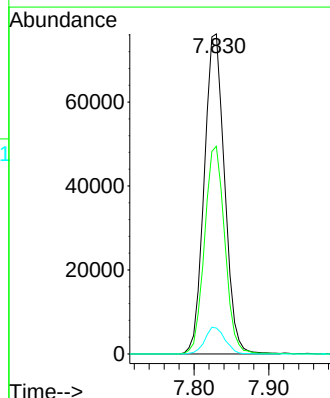
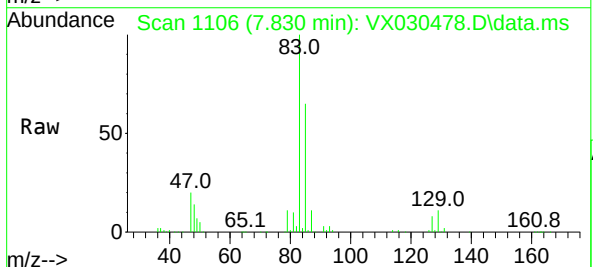
Tgt Ion: 83 Resp: 144402

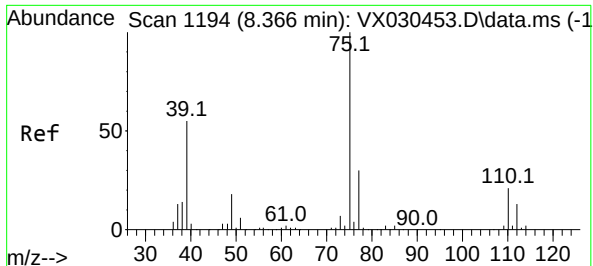
Ion Ratio Lower Upper

83 100

85 64.9 42.5 78.9

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 45.099 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

Instrument :

MSVOA_X

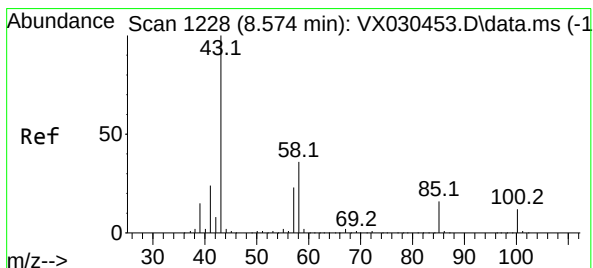
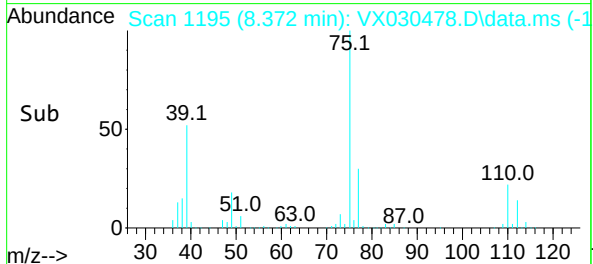
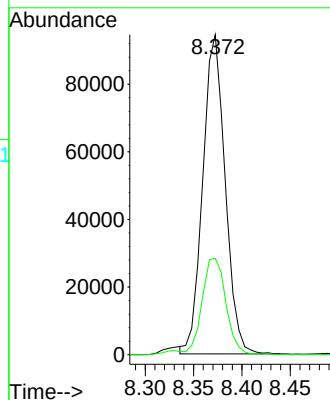
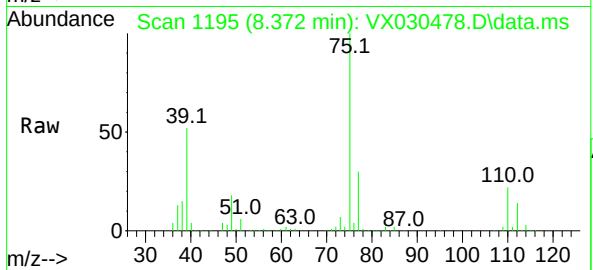
ClientSampleId :

Tgt Ion: 75 Resp: 152296

Ion Ratio Lower Upper

75 100

77 30.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 106.518 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

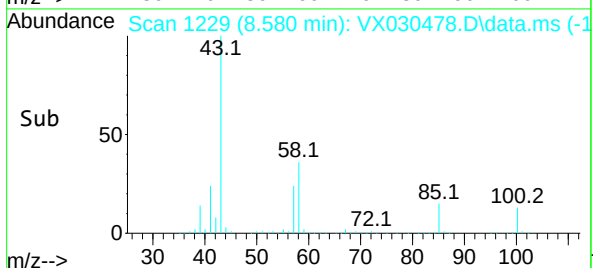
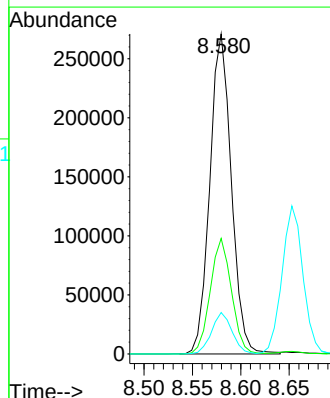
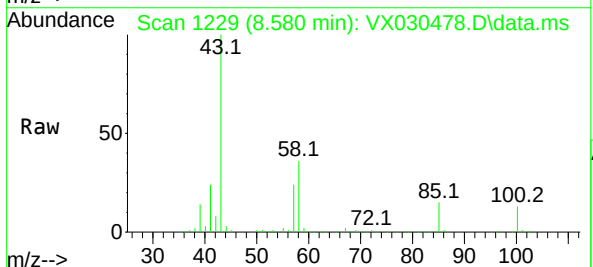
Tgt Ion: 43 Resp: 419912

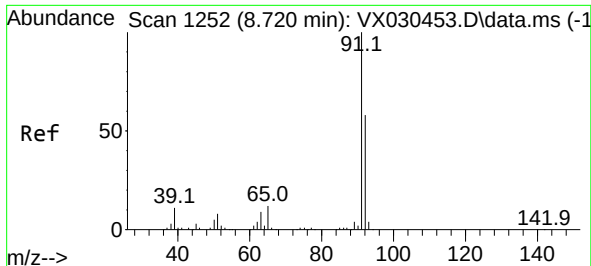
Ion Ratio Lower Upper

43 100

58 35.6 29.0 43.6

100 12.4 10.5 15.7





#42

Toluene

Concen: 47.103 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

Instrument :

MSVOA_X

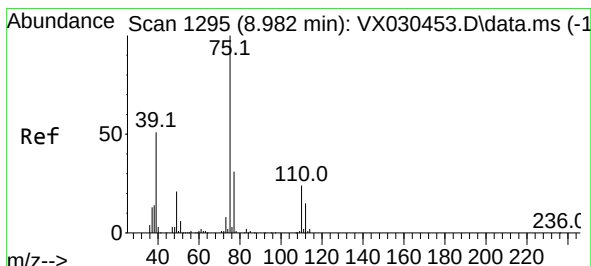
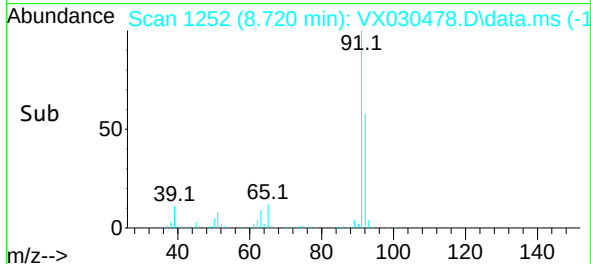
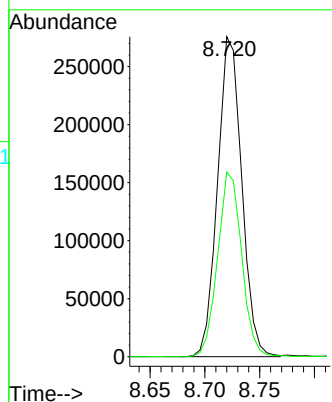
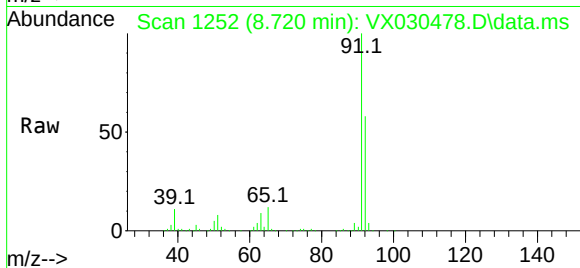
ClientSampleId :

Tgt Ion: 91 Resp: 423648

Ion Ratio Lower Upper

91 100

92 57.7 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 44.621 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030478.D

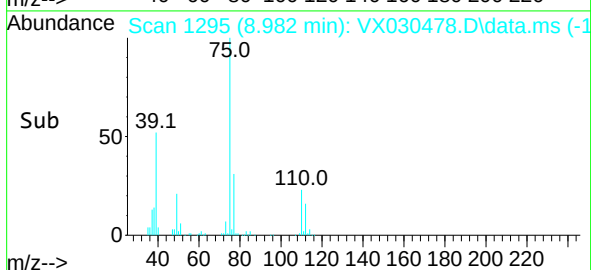
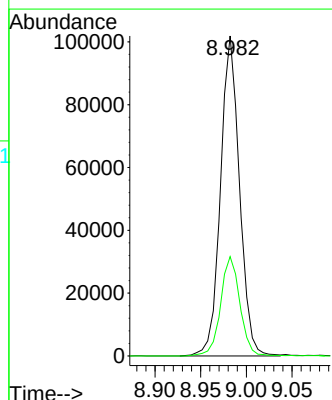
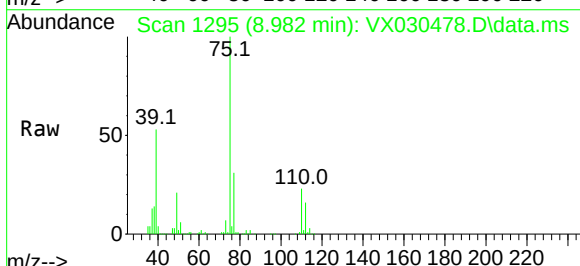
Acq: 06 Aug 2022 20:37

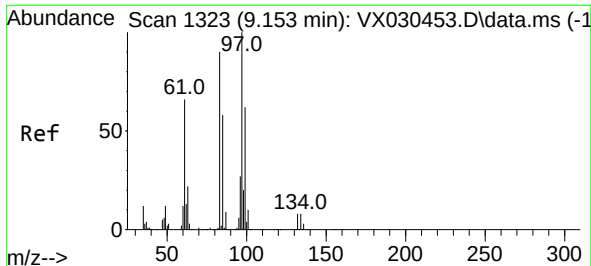
Tgt Ion: 75 Resp: 147483

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 50.314 ug/L

RT: 9.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 105908

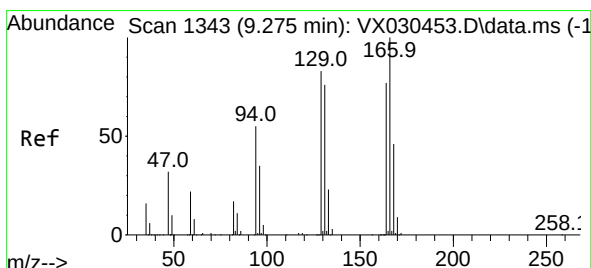
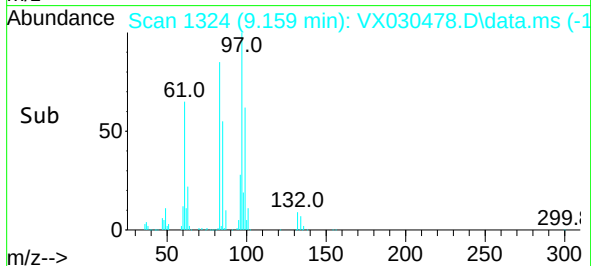
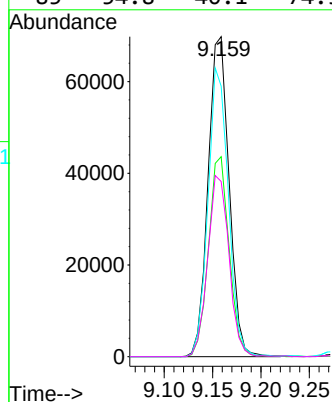
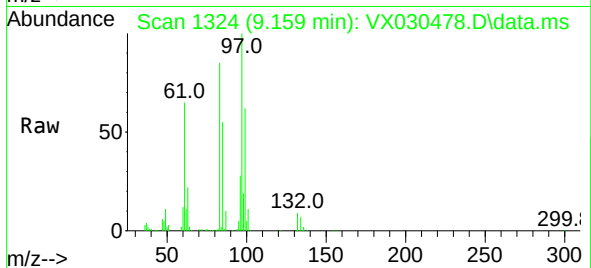
Ion Ratio Lower Upper

97 100

99 62.5 43.3 80.3

83 84.6 63.0 117.0

85 54.8 40.1 74.5



#46

Tetrachloroethene

Concen: 42.633 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

Tgt Ion:164 Resp: 66439

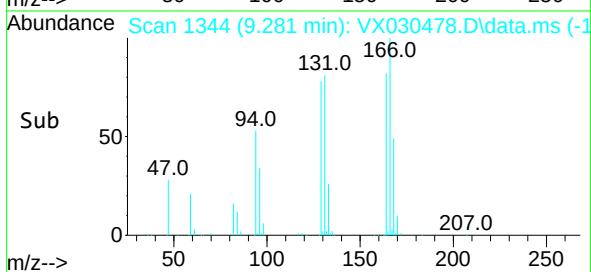
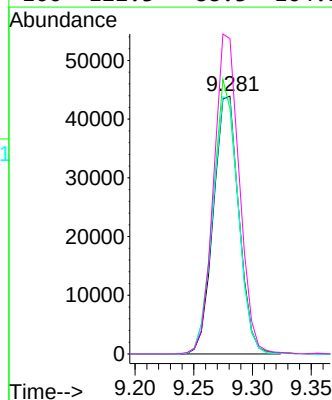
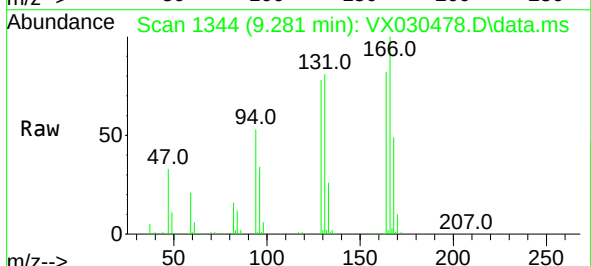
Ion Ratio Lower Upper

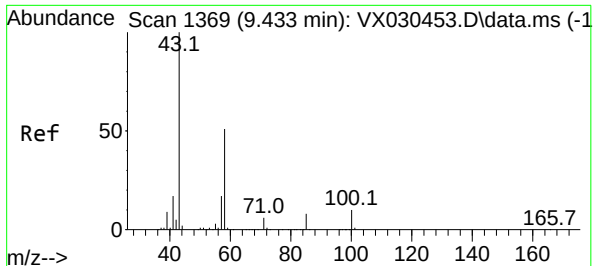
164 100

129 95.1 72.7 135.1

131 98.5 69.9 129.9

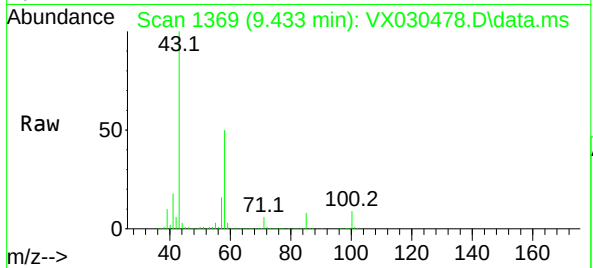
166 122.3 88.3 164.1



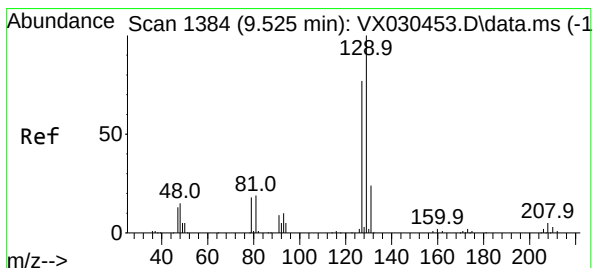
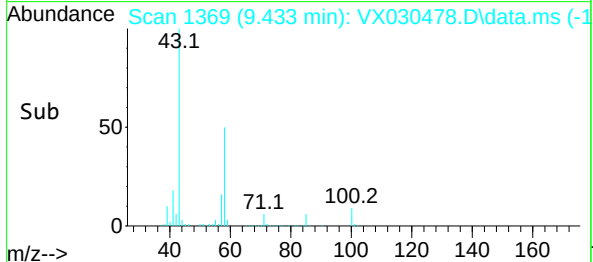
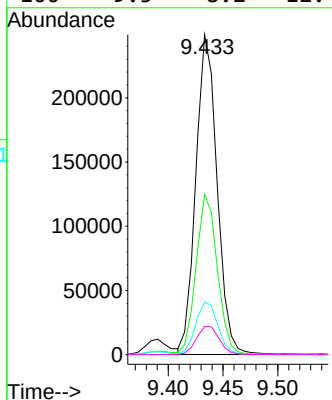


#48
2-Hexanone
Concen: 109.902 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Instrument :
MSVOA_X
ClientSampleId :

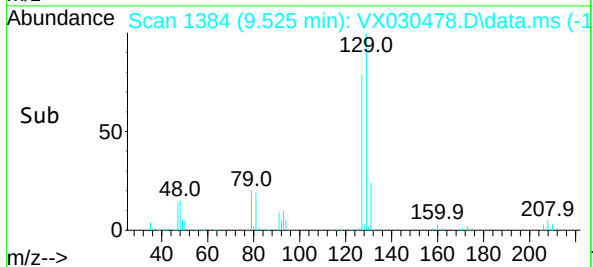
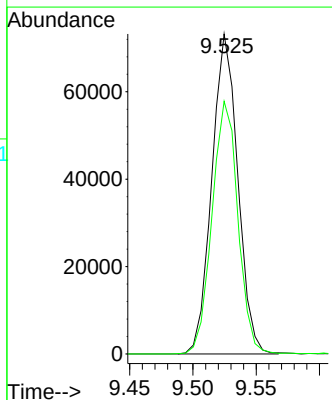
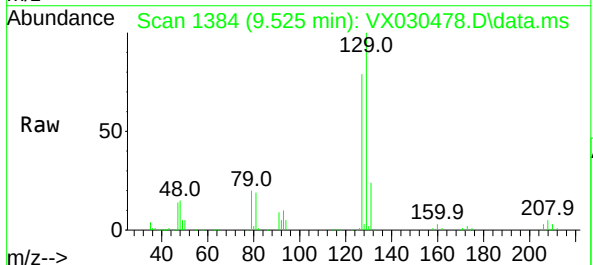


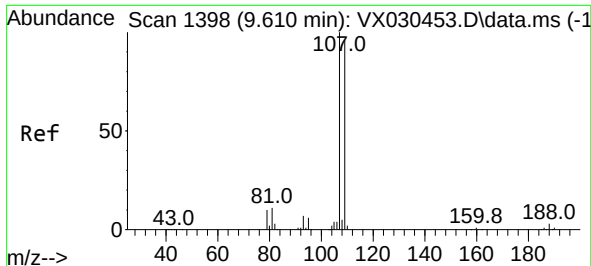
Tgt Ion:	43	Resp:	336626
Ion	Ratio	Lower	Upper
43	100		
58	50.2	40.4	60.6
57	17.3	14.6	22.0
100	9.5	8.2	12.4



#49
Dibromochloromethane
Concen: 46.652 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

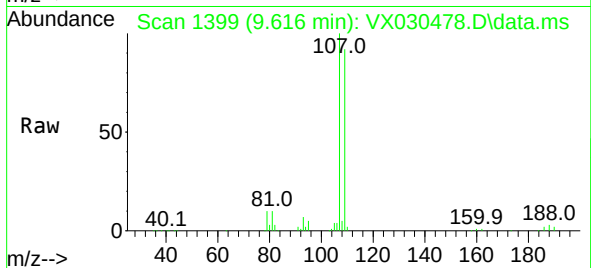
Tgt Ion:	129	Resp:	104472
Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.6	103.2



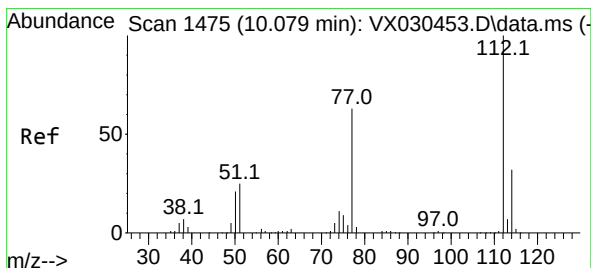
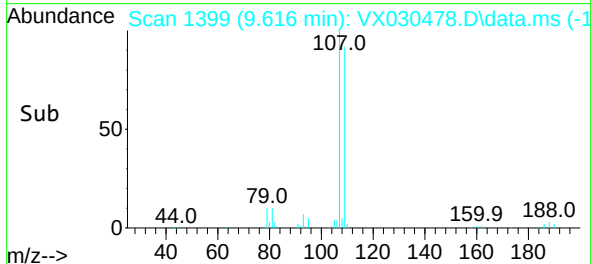
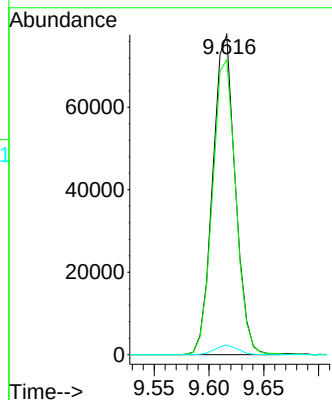


#50
1,2-Dibromoethane
Concen: 48.006 ug/L
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Instrument :
MSVOA_X
ClientSampleId :

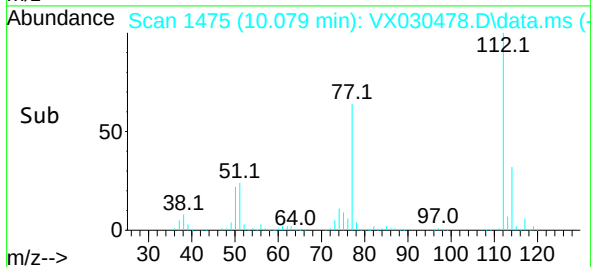
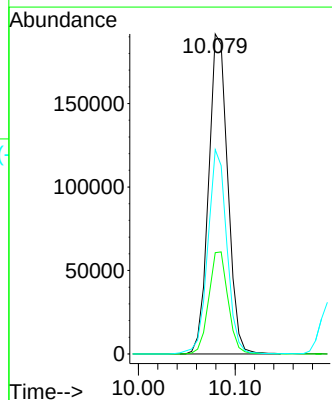
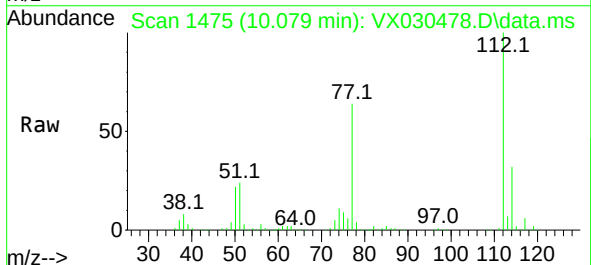


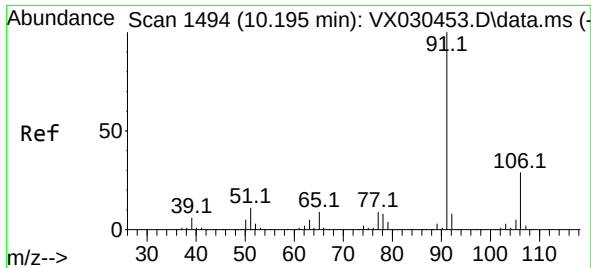
Tgt Ion:107 Resp: 111126
Ion Ratio Lower Upper
107 100
109 92.2 64.8 120.4
188 3.0 2.2 3.2



#51
Chlorobenzene
Concen: 47.085 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion:112 Resp: 263836
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 63.8 50.8 76.2

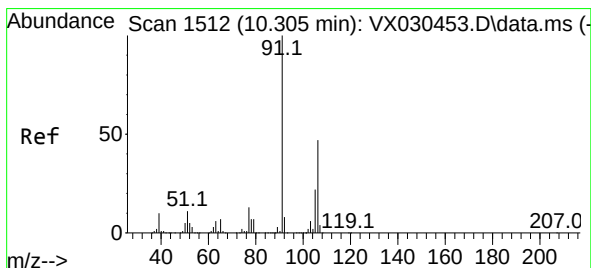
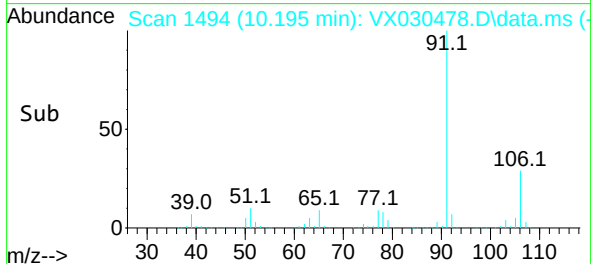
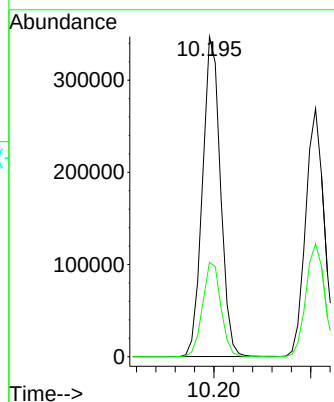
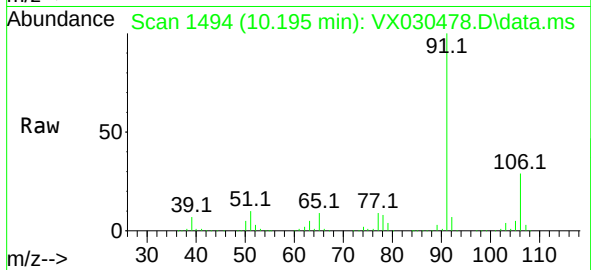




#52
Ethylbenzene
Concen: 45.678 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

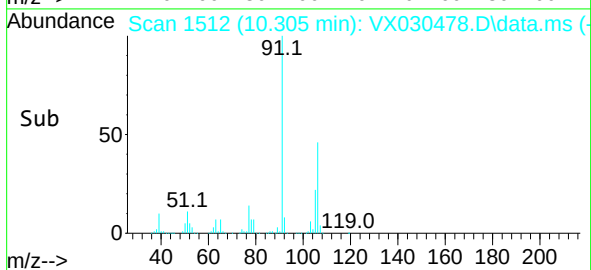
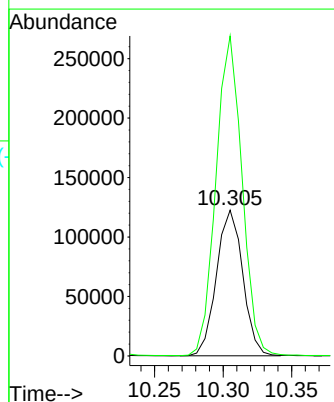
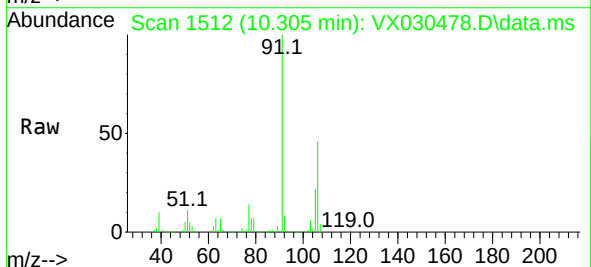
Instrument :
MSVOA_X
ClientSampleId :

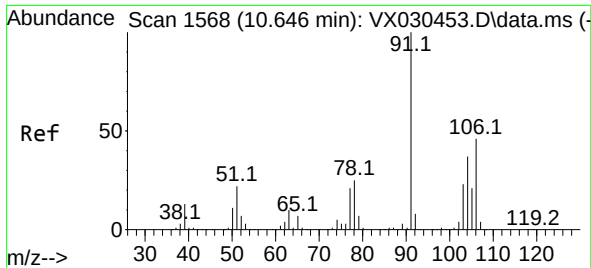
Tgt Ion: 91 Resp: 447960
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.5



#53
m,p-Xylene
Concen: 44.748 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion: 106 Resp: 163566
Ion Ratio Lower Upper
106 100
91 219.5 147.8 274.6

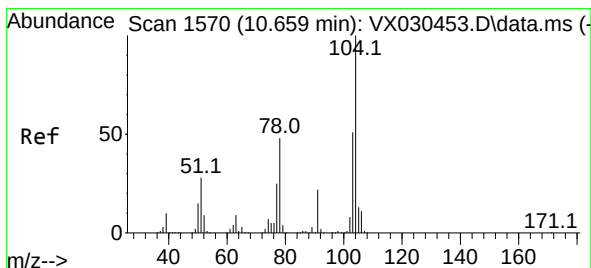
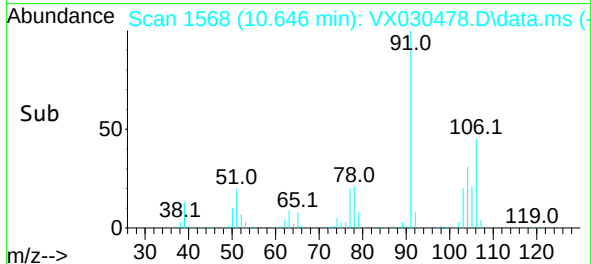
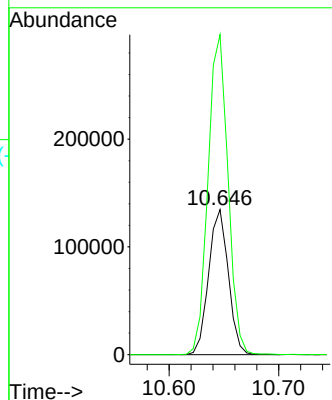
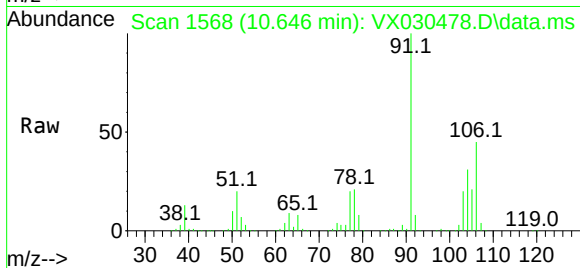




#54
o-Xylene
Concen: 46.246 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

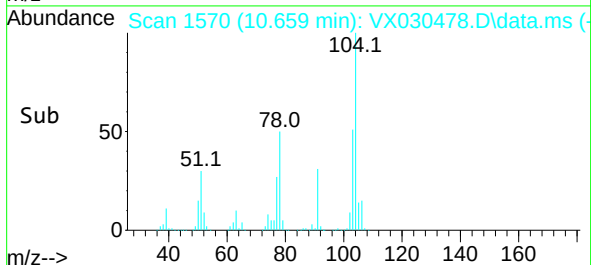
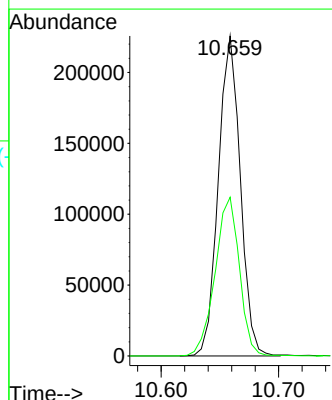
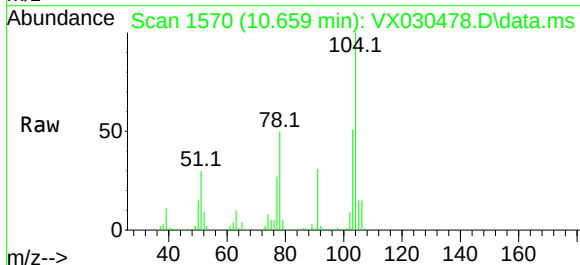
Instrument :
MSVOA_X
ClientSampleId :

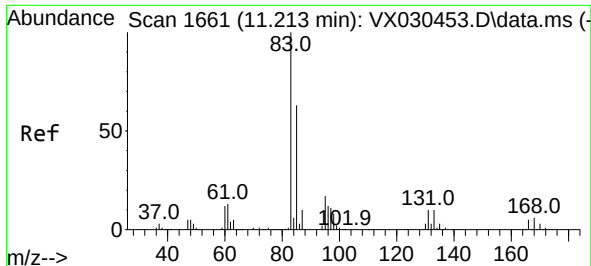
Tgt Ion:106 Resp: 168446
Ion Ratio Lower Upper
106 100
91 220.5 157.8 293.0



#55
Styrene
Concen: 47.953 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion:104 Resp: 294095
Ion Ratio Lower Upper
104 100
78 49.6 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 50.290 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

Instrument :

MSVOA_X

ClientSampleId :

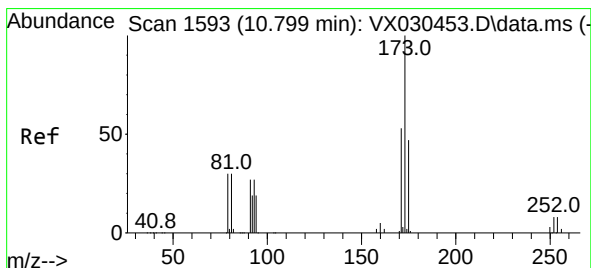
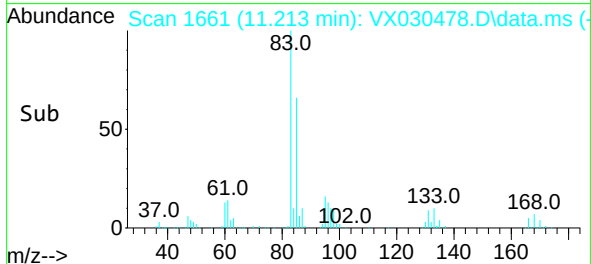
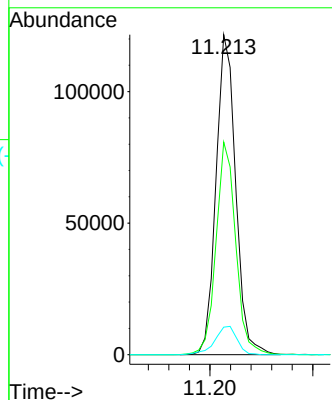
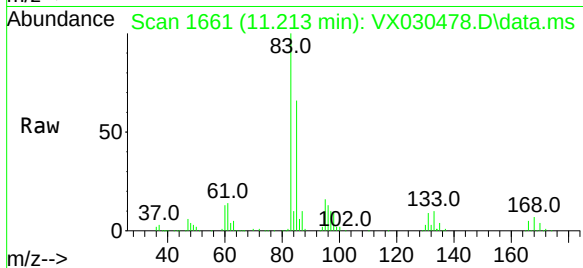
Tgt Ion: 83 Resp: 161070

Ion Ratio Lower Upper

83 100

85 66.5 44.4 82.4

131 8.6 7.5 11.3



#59

Bromoform

Concen: 48.982 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

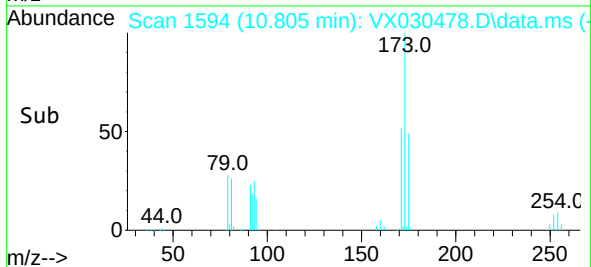
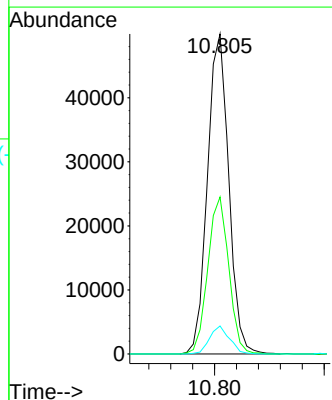
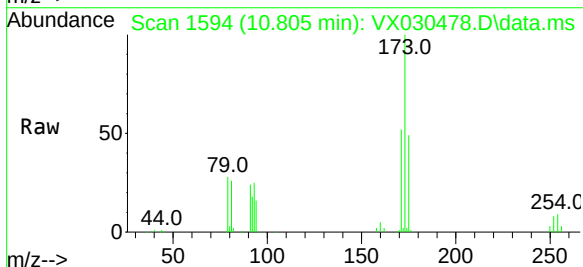
Tgt Ion:173 Resp: 67429

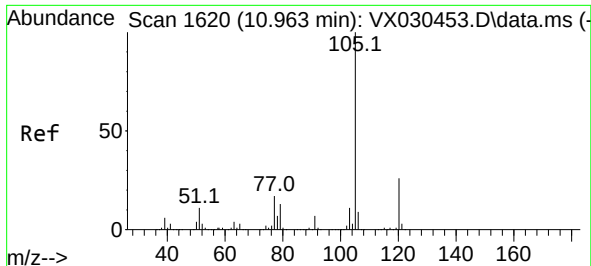
Ion Ratio Lower Upper

173 100

175 48.3 38.9 58.3

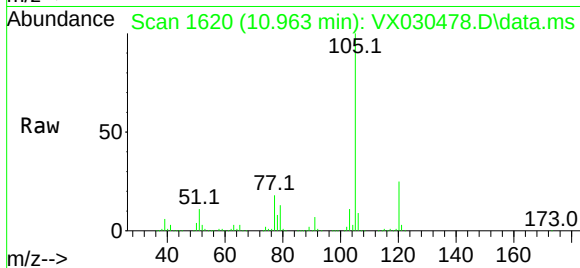
254 8.2 7.0 10.4



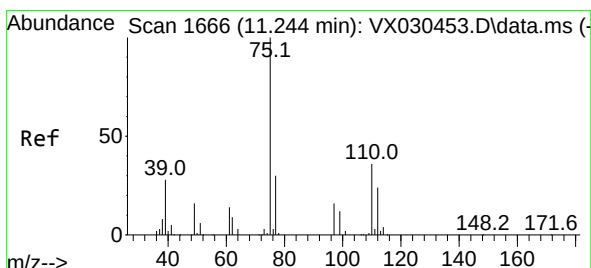
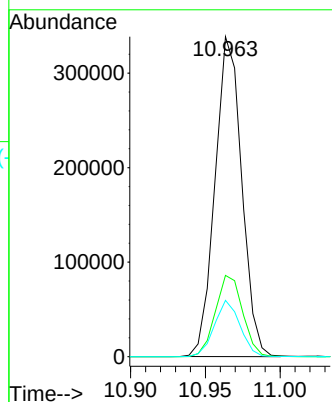
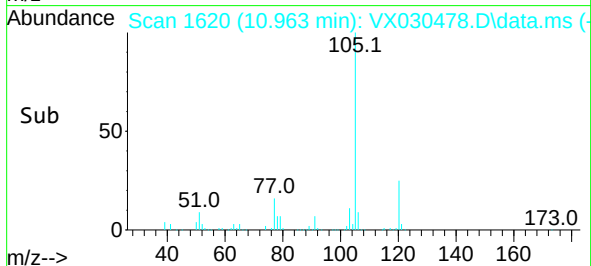


#60
Isopropylbenzene
Concen: 46.929 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

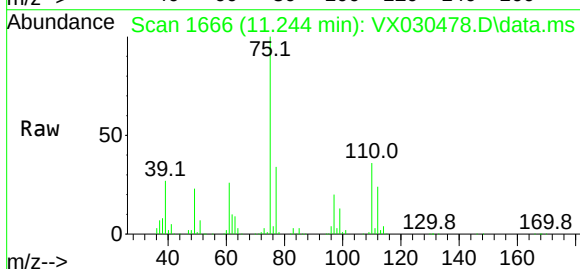
Instrument :
MSVOA_X
ClientSampleId :



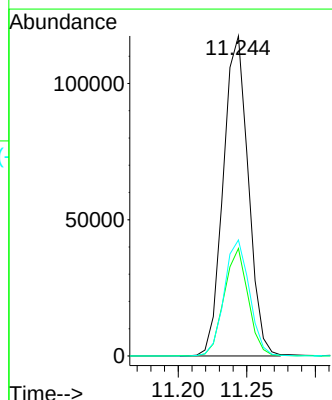
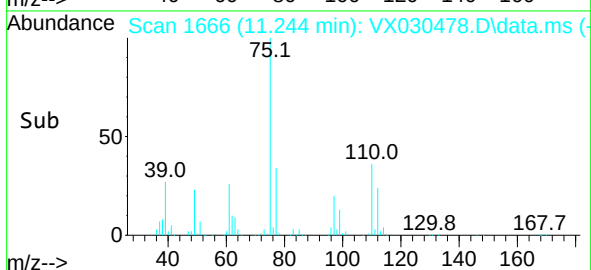
Tgt Ion:105 Resp: 420511
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 17.0 13.5 20.3

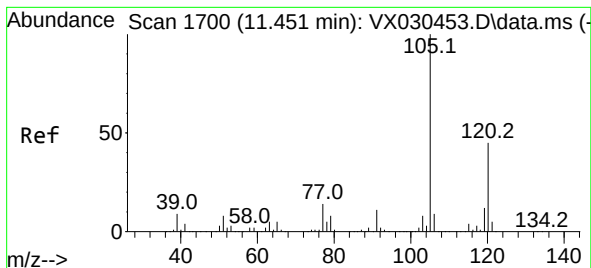


#61
1,2,3-Trichloropropane
Concen: 54.846 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37



Tgt Ion: 75 Resp: 148896
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 36.6 30.5 45.7

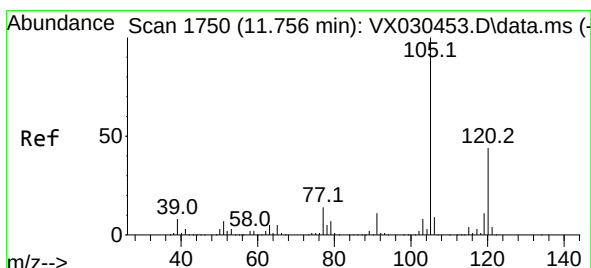
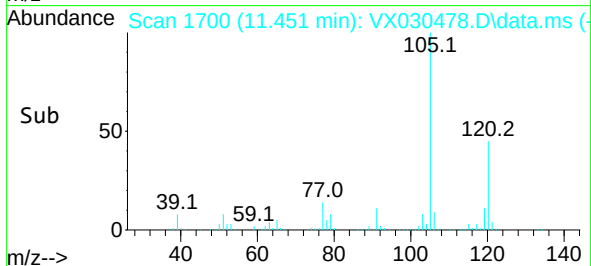
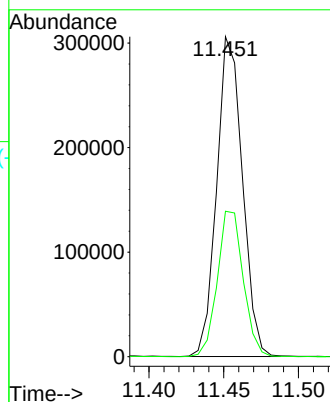
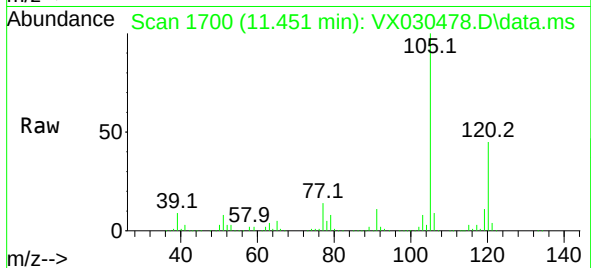




#62
 1,3,5-Trimethylbenzene
 Concen: 47.881 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX030478.D
 Acq: 06 Aug 2022 20:37

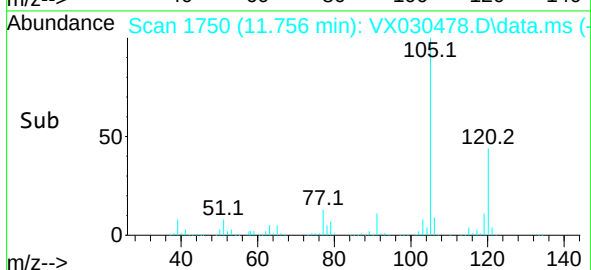
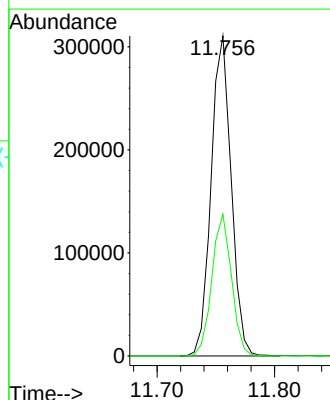
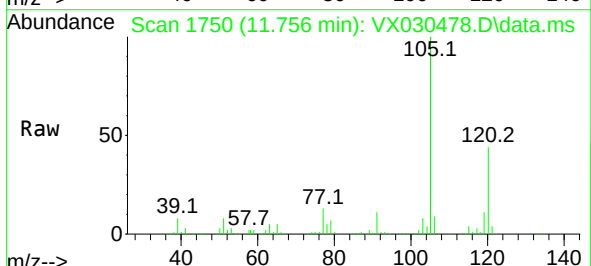
Instrument :
 MSVOA_X
 ClientSampleId :

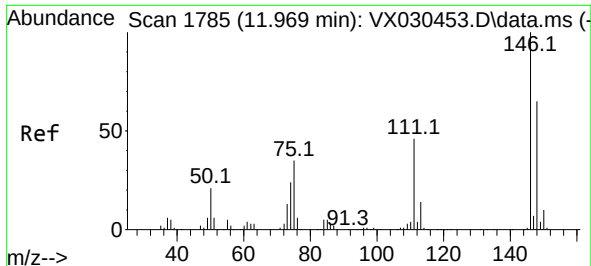
Tgt Ion:105 Resp: 366291
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 47.775 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030478.D
 Acq: 06 Aug 2022 20:37

Tgt Ion:105 Resp: 369091
 Ion Ratio Lower Upper
 105 100
 120 43.2 35.9 53.9

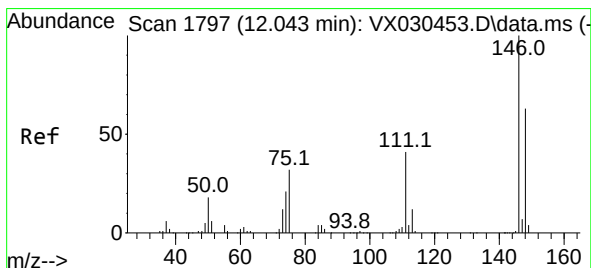
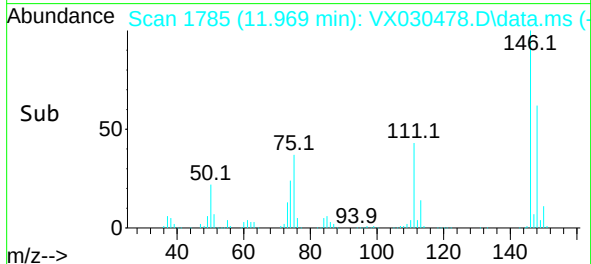
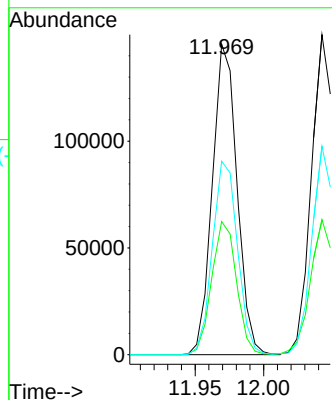
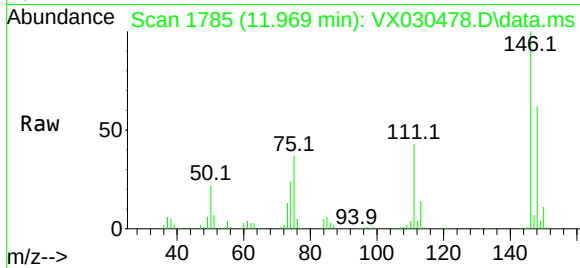




#64
1,3-Dichlorobenzene
Concen: 46.763 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

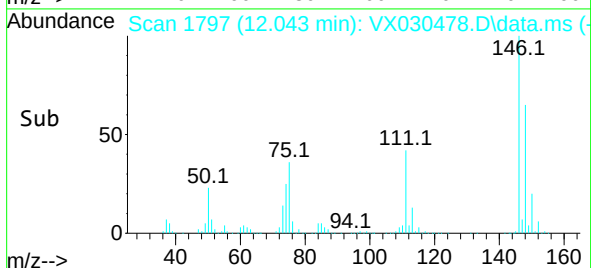
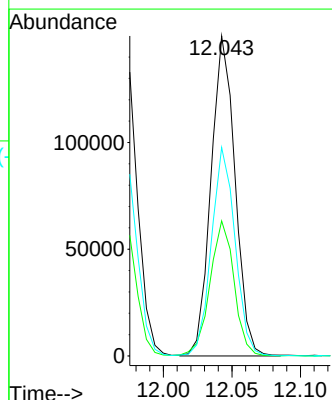
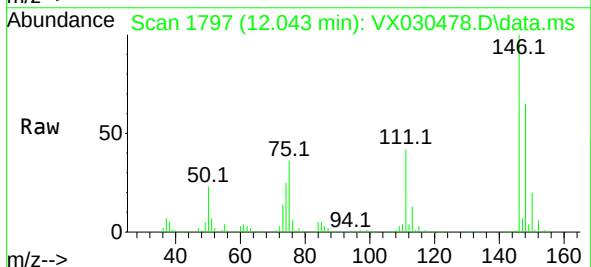
Instrument :
MSVOA_X
ClientSampleId :

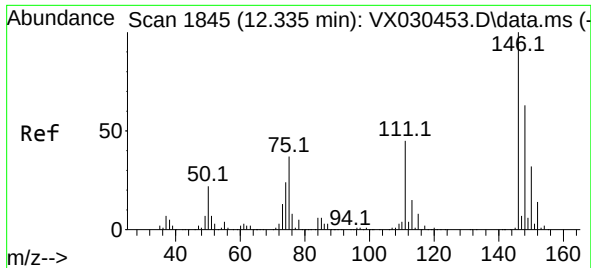
Tgt Ion:146 Resp: 182151
Ion Ratio Lower Upper
146 100
111 42.9 30.9 57.5
148 62.3 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 46.247 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion:146 Resp: 183127
Ion Ratio Lower Upper
146 100
111 42.2 32.6 60.6
148 65.2 48.3 89.7

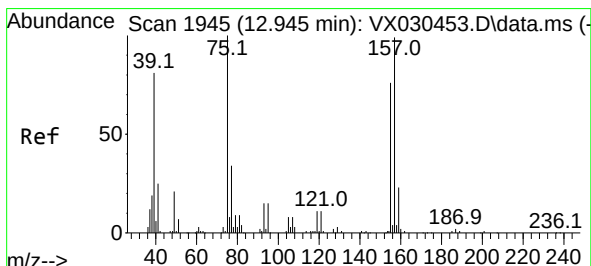
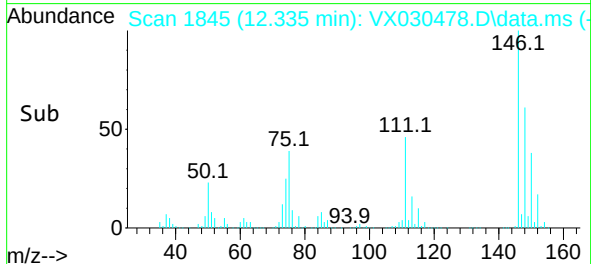
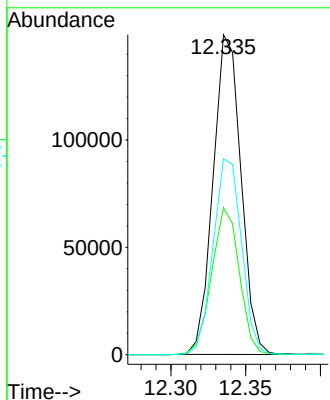
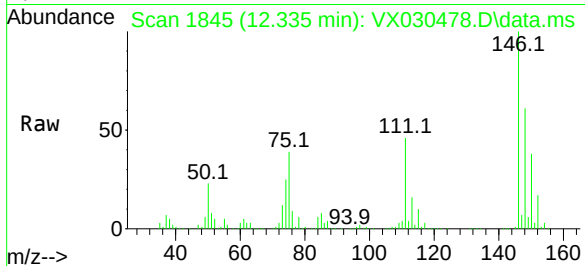




#67
1,2-Dichlorobenzene
Concen: 47.942 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

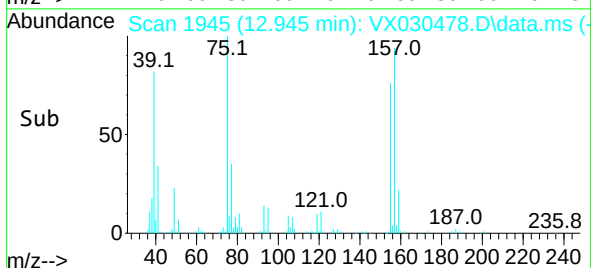
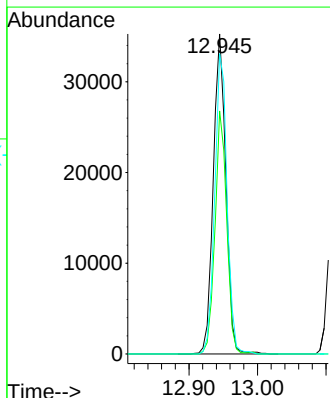
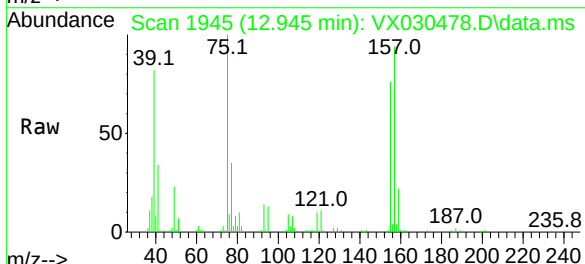
Instrument :
MSVOA_X
ClientSampleId :

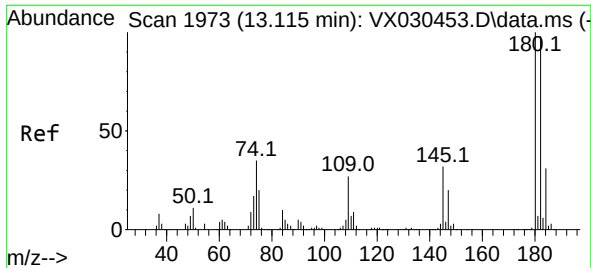
Tgt Ion:146 Resp: 193116
Ion Ratio Lower Upper
146 100
111 46.0 36.9 55.3
148 61.2 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 50.274 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion: 75 Resp: 45022
Ion Ratio Lower Upper
75 100
155 76.0 57.1 85.7
157 93.9 73.1 109.7





#69

1,3,5-Trichlorobenzene

Concen: 45.001 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

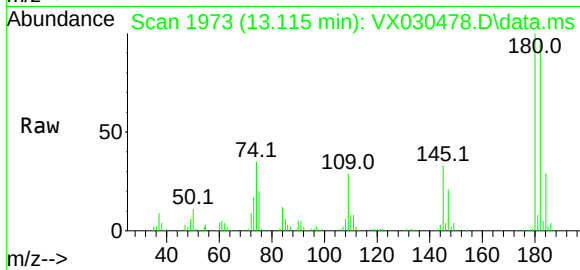
Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 122926

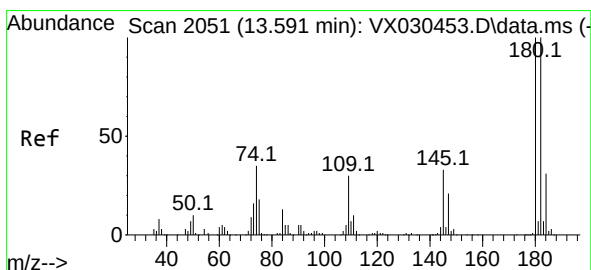
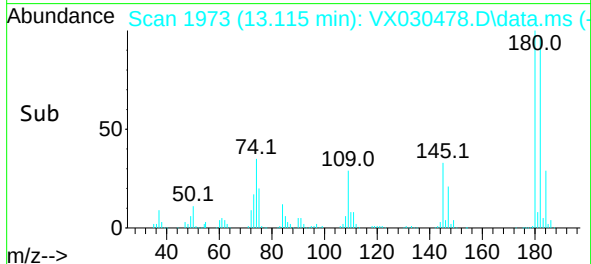
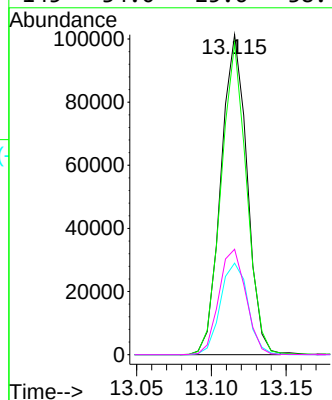
Ion Ratio Lower Upper

180 100

182 94.9 73.7 110.5

184 30.2 24.1 36.1

145 34.0 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 46.448 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030478.D

Acq: 06 Aug 2022 20:37

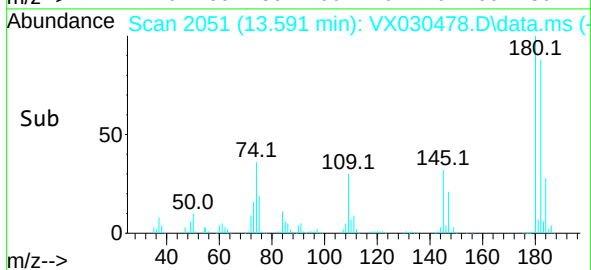
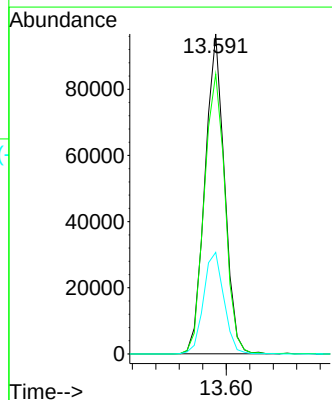
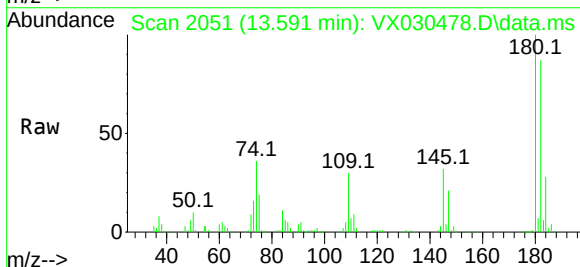
Tgt Ion:180 Resp: 111429

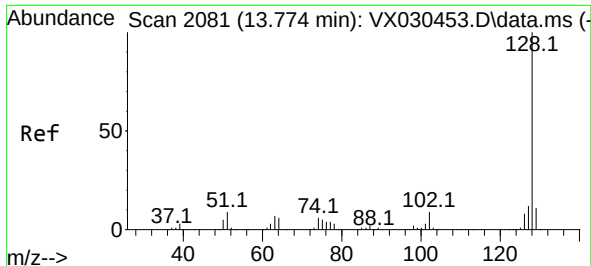
Ion Ratio Lower Upper

180 100

182 93.1 72.7 109.1

145 33.2 26.6 40.0

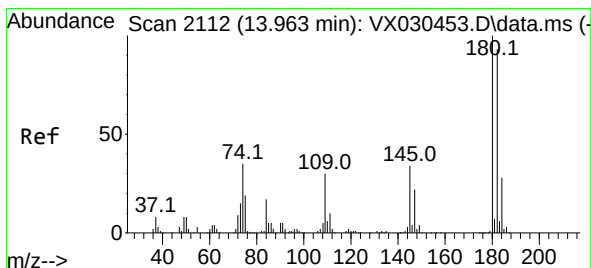
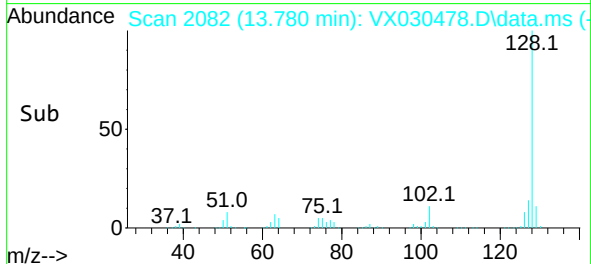
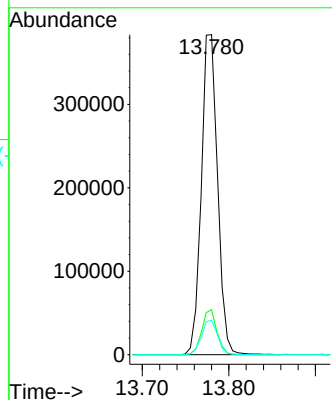
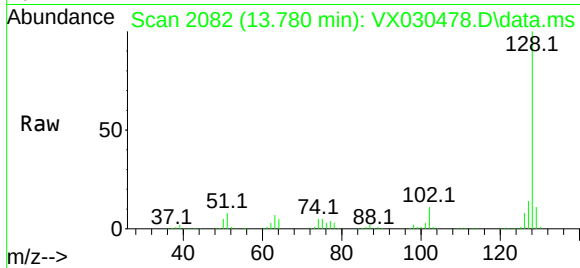




#71
Naphthalene
Concen: 50.296 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 499468
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 46.509 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030478.D
Acq: 06 Aug 2022 20:37

Tgt Ion:180 Resp: 117859
Ion Ratio Lower Upper
180 100
182 97.2 74.6 112.0
145 35.9 28.4 42.6

