

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030451.D
 Acq On : 06 Aug 2022 00:23
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:24:10 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	242985	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74298	47.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.220%
7) Chloroethane-d5	1.666	69	59947	54.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.306	63	153830	52.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.240%
21) 2-Butanone-d5	4.471	46	185153	128.063	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.060%
24) Chloroform-d	5.068	84	174926	54.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.920%
26) 1,2-Dichloroethane-d4	5.964	65	118950	54.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.080%
32) Benzene-d6	5.983	84	318304	50.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
36) 1,2-Dichloropropane-d6	7.318	67	107710	52.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.480%
41) Toluene-d8	8.653	98	279410	46.648	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
43) trans-1,3-Dichloroprop...	8.952	79	46602	45.437	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.880%
47) 2-Hexanone-d5	9.390	63	123821	117.827	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.830%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	152741	56.396	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	104516	50.510	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93856	51.332	ug/L	100
3) Chloromethane	1.294	50	93218	59.292	ug/L	97
5) Vinyl chloride	1.374	62	95394	56.805	ug/L	96
6) Bromomethane	1.611	94	43158	54.688	ug/L	92
8) Chloroethane	1.685	64	55058	57.558	ug/L	99
9) Trichlorofluoromethane	1.886	101	126686	51.044	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	77017	52.172	ug/L	98
12) 1,1-Dichloroethene	2.319	96	76779	56.455	ug/L	85
13) Acetone	2.392	43	120343	113.572	ug/L	99
14) Carbon disulfide	2.514	76	212105	48.119	ug/L	100
15) Methyl Acetate	2.709	43	130941	59.701	ug/L	98
16) Methylene chloride	2.794	84	96027	55.684	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	82917	52.626	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	298975	55.798	ug/L	99
19) 1,1-Dichloroethane	3.617	63	172292	56.537	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	97761	55.157	ug/L	96
22) 2-Butanone	4.574	43	196966	117.833	ug/L	100
23) Bromochloromethane	4.903	128	48261	54.297	ug/L	94
25) Chloroform	5.105	83	178258	55.673	ug/L	98

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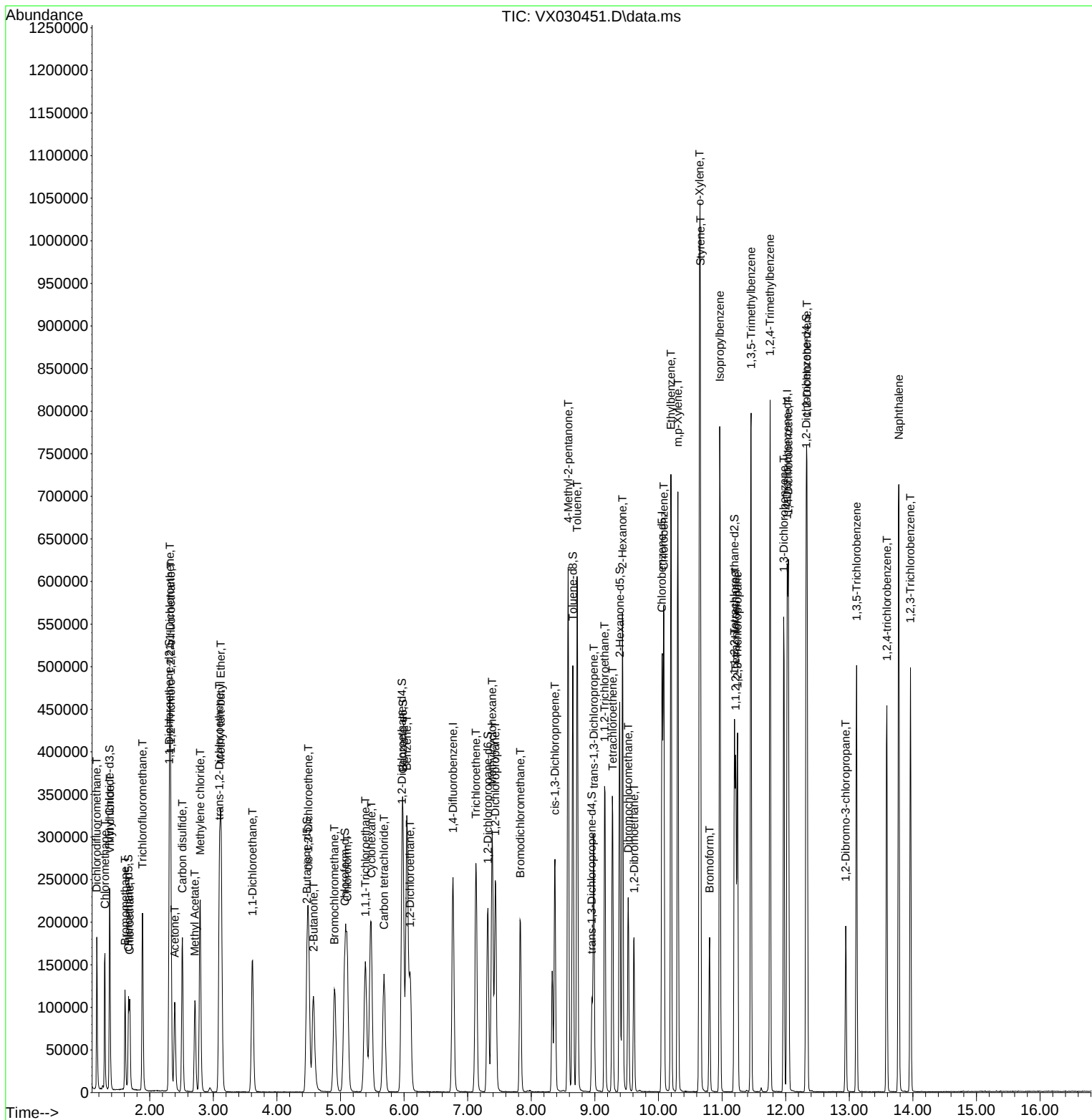
Instrument :
 MSVOA_X
 ClientSampleId :

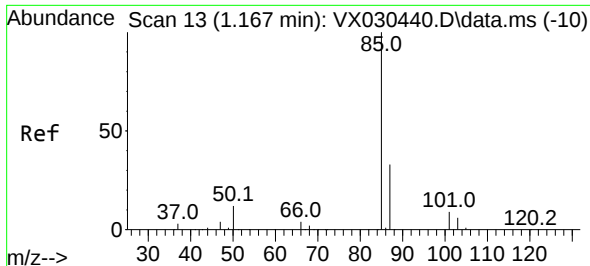
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 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	147212	55.241	ug/L	98
29) Cyclohexane	5.483	56	138872	47.089	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	143206	48.940	ug/L	98
31) Carbon tetrachloride	5.684	117	118293	48.981	ug/L	100
33) Benzene	6.043	78	376099	52.878	ug/L	100
34) Trichloroethene	7.129	95	102689	49.849	ug/L	90
35) Methylcyclohexane	7.385	83	133046	44.365	ug/L	99
37) 1,2-Dichloropropane	7.434	63	100351	53.064	ug/L	100
38) Bromodichloromethane	7.830	83	131562	52.565	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	136057	48.229	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	374518	113.722	ug/L	99
42) Toluene	8.720	91	382980	50.971	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	132986	48.163	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	95382	54.242	ug/L	97
46) Tetrachloroethene	9.281	164	59849	45.971	ug/L	97
48) 2-Hexanone	9.433	43	299695	117.124	ug/L	98
49) Dibromochloromethane	9.525	129	94841	50.696	ug/L	98
50) 1,2-Dibromoethane	9.616	107	98963	51.176	ug/L #	98
51) Chlorobenzene	10.085	112	233668	49.918	ug/L	97
52) Ethylbenzene	10.195	91	407590	49.751	ug/L	98
53) m,p-Xylene	10.305	106	150490	49.283	ug/L	98
54) o-Xylene	10.646	106	150566	49.482	ug/L	100
55) Styrene	10.659	104	264824	51.689	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	147189	55.011	ug/L	97
59) Bromoform	10.805	173	61080	52.577	ug/L	100
60) Isopropylbenzene	10.963	105	387160	51.199	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	132348	57.768	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	335638	51.989	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	327519	50.235	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	162100	49.312	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	166890	49.942	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	169787	49.946	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	38014	50.300	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	105844	45.914	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	96307	47.569	ug/L	97
71) Naphthalene	13.780	128	424736	50.682	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	102365	47.866	ug/L	98

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

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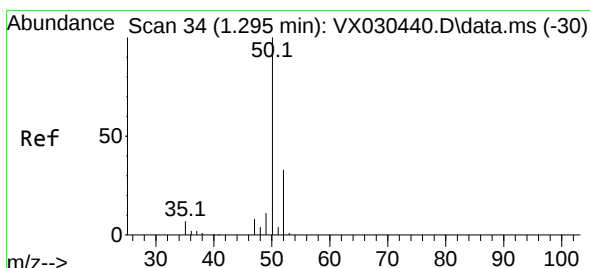
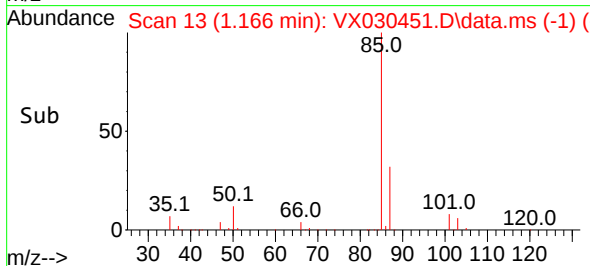
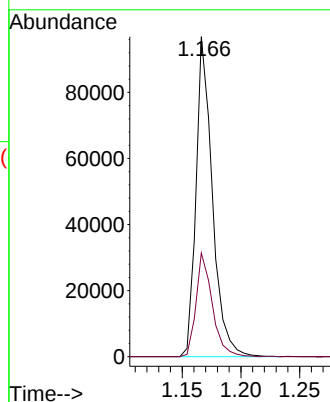
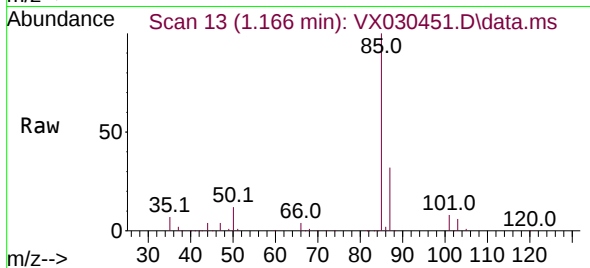




#2
 Dichlorodifluoromethane
 Concen: 51.332 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030451.D
 Acq: 06 Aug 2022 00:23

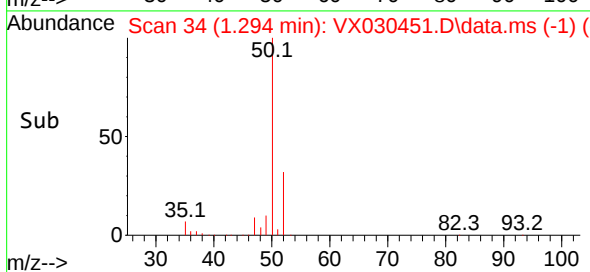
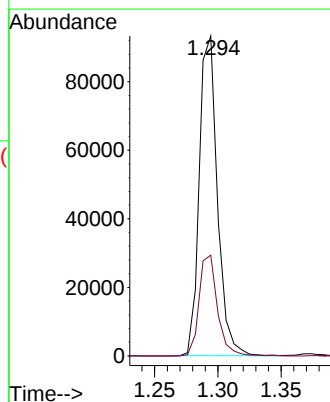
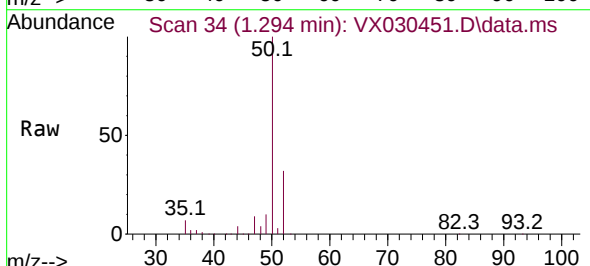
Instrument :
 MSVOA_X
 ClientSampleId :

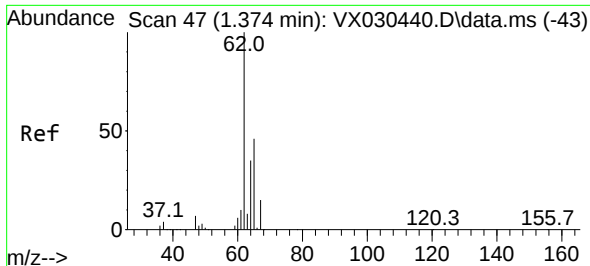
Tgt Ion: 85 Resp: 93856
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#3
 Chloromethane
 Concen: 59.292 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX030451.D
 Acq: 06 Aug 2022 00:23

Tgt Ion: 50 Resp: 93218
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.3 43.3

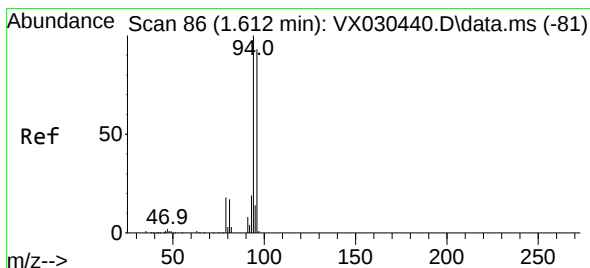
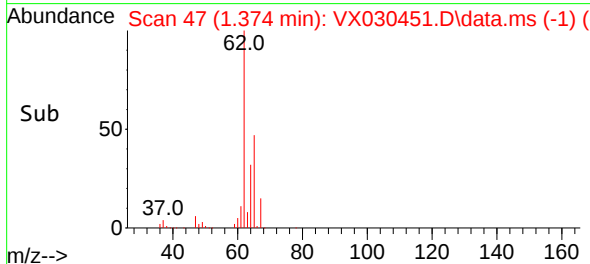
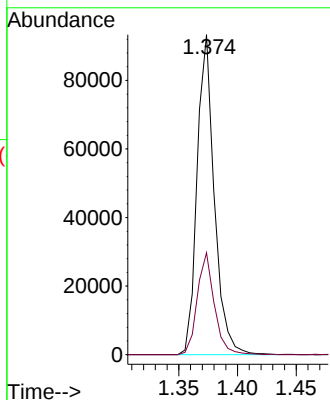
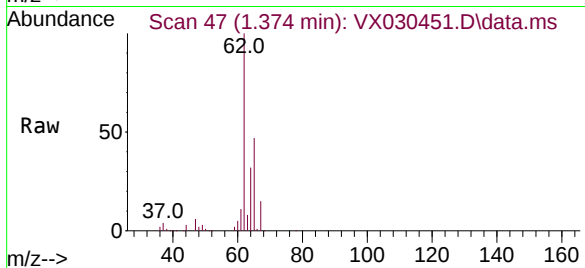




#5
 Vinyl chloride
 Concen: 56.805 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030451.D
 Acq: 06 Aug 2022 00:23

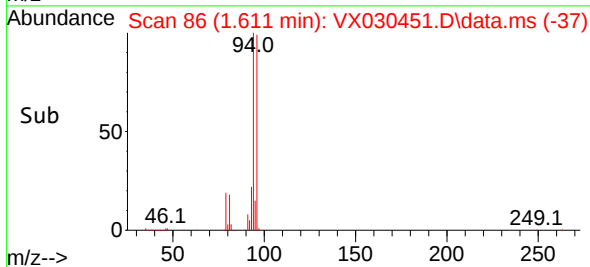
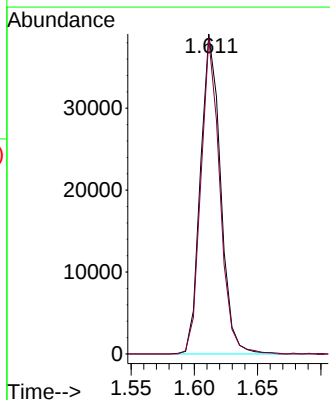
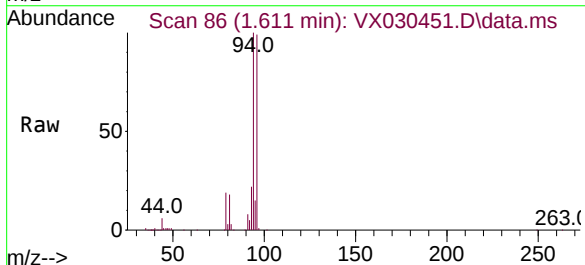
Instrument :
 MSVOA_X
 ClientSampleId :

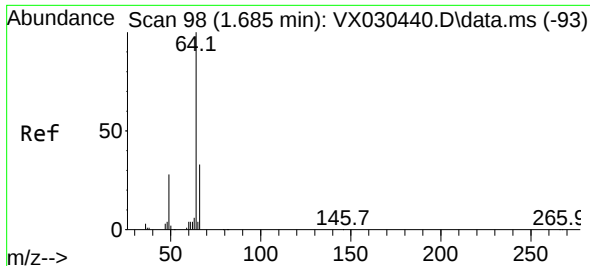
Tgt Ion: 62 Resp: 95394
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.8 44.2



#6
 Bromomethane
 Concen: 54.688 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030451.D
 Acq: 06 Aug 2022 00:23

Tgt Ion: 94 Resp: 43158
 Ion Ratio Lower Upper
 94 100
 96 98.6 63.8 118.6

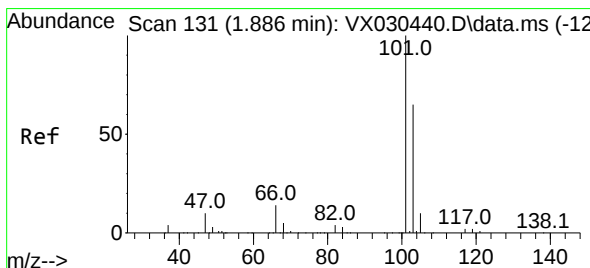
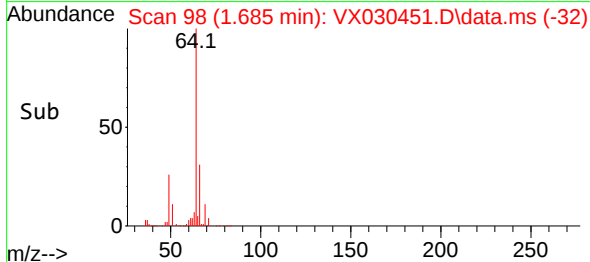
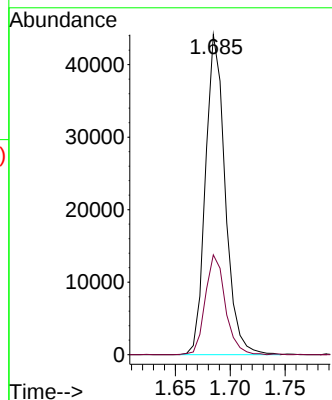
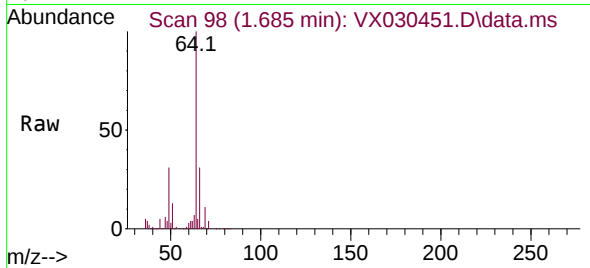




#8
Chloroethane
Concen: 57.558 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

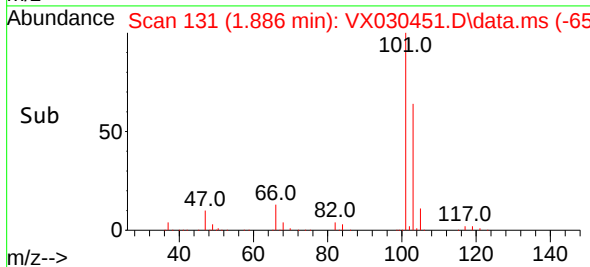
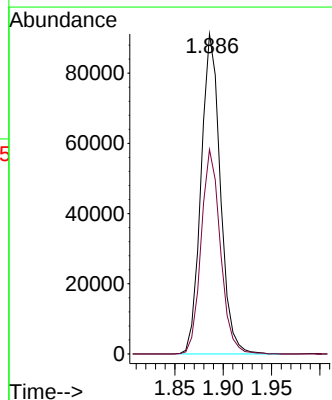
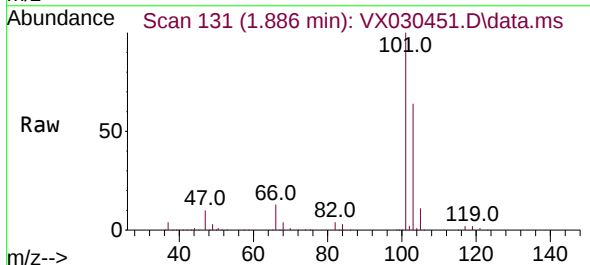
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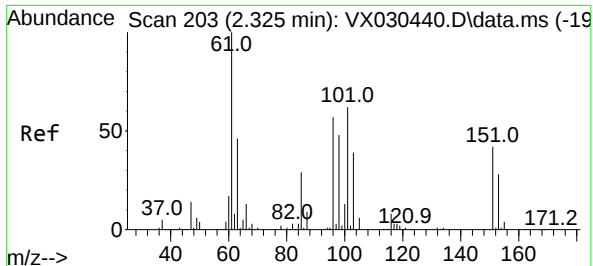
Tgt Ion: 64 Resp: 55058
Ion Ratio Lower Upper
64 100
66 31.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 51.044 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion: 101 Resp: 126686
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3





#10

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

Concen: 52.172 ug/L

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

Instrument :

MSVOA_X

ClientSampleId :

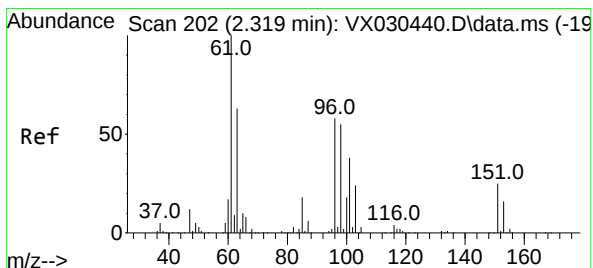
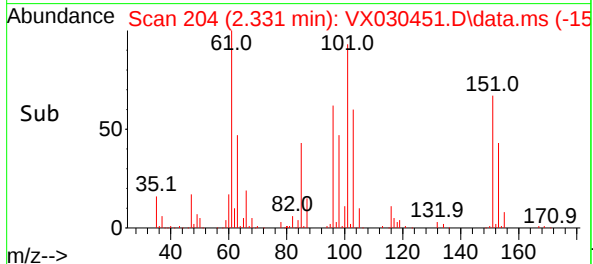
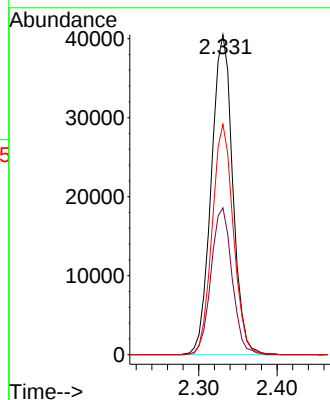
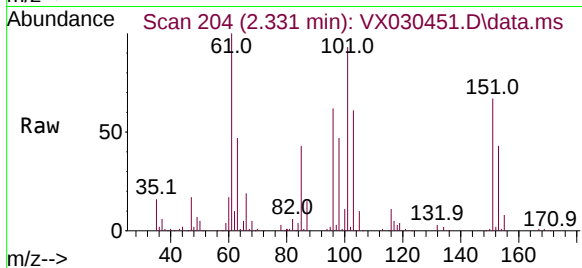
Tgt Ion:101 Resp: 77017

Ion Ratio Lower Upper

101 100

85 45.0 35.3 52.9

151 71.1 58.3 87.5



#12

1,1-Dichloroethene

Concen: 56.455 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

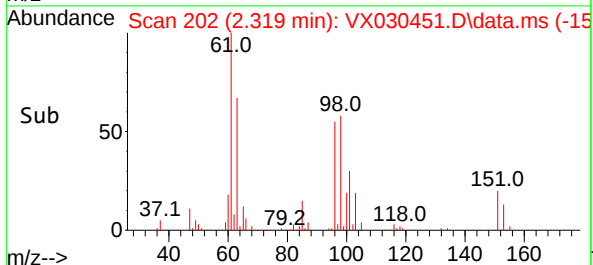
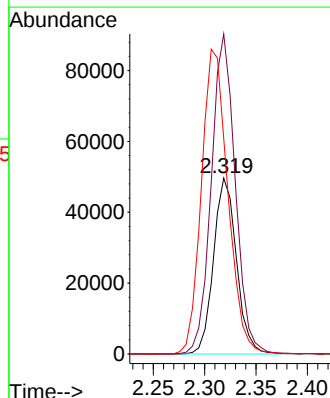
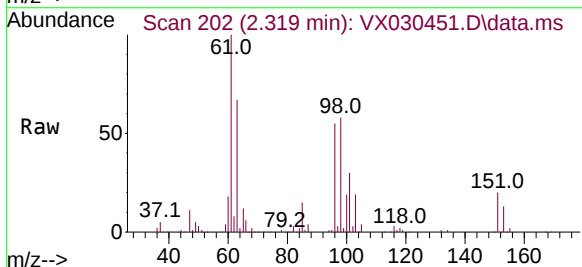
Tgt Ion: 96 Resp: 76779

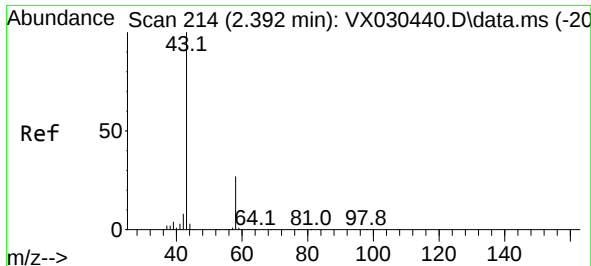
Ion Ratio Lower Upper

96 100

61 182.1 130.2 241.8

63 122.6 113.5 210.9





#13

Acetone

Concen: 113.572 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

Instrument :

MSVOA_X

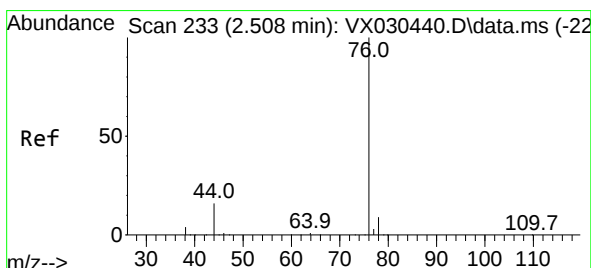
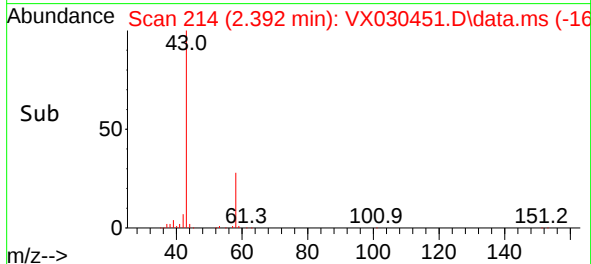
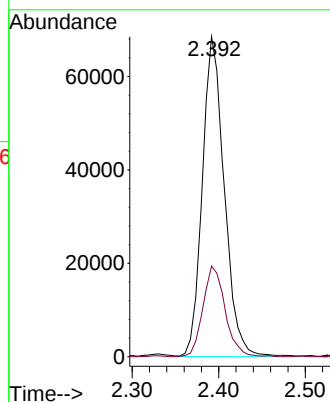
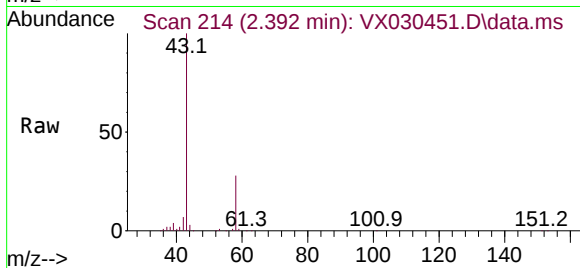
ClientSampleId :

Tgt Ion: 43 Resp: 120343

Ion Ratio Lower Upper

43 100

58 28.5 0.0 57.8



#14

Carbon disulfide

Concen: 48.119 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX030451.D

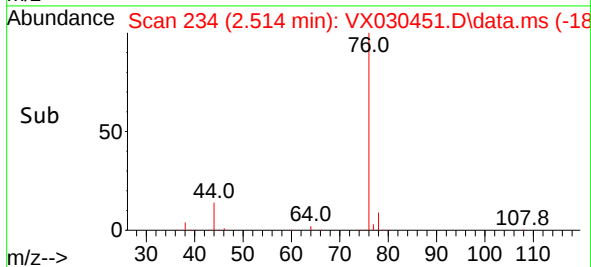
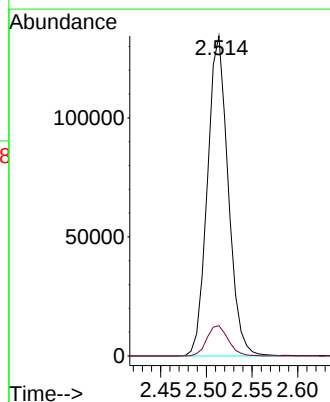
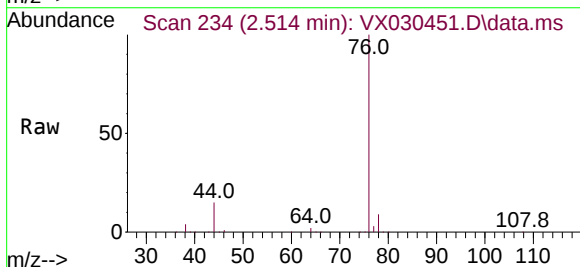
Acq: 06 Aug 2022 00:23

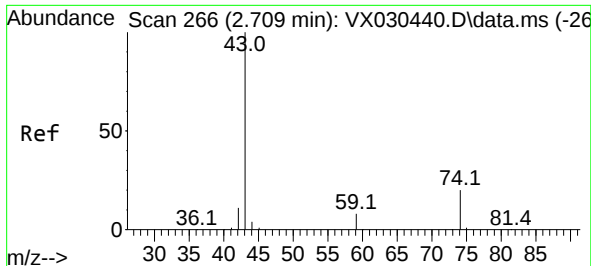
Tgt Ion: 76 Resp: 212105

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

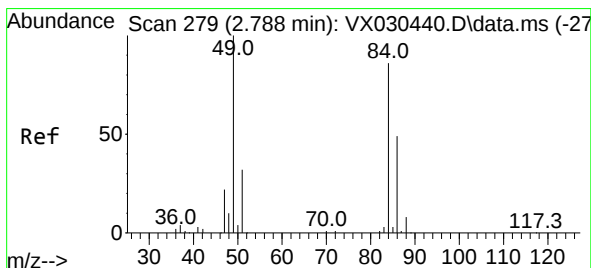
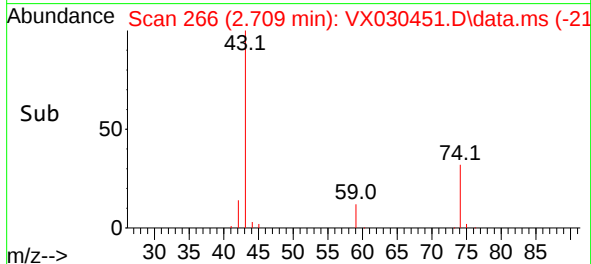
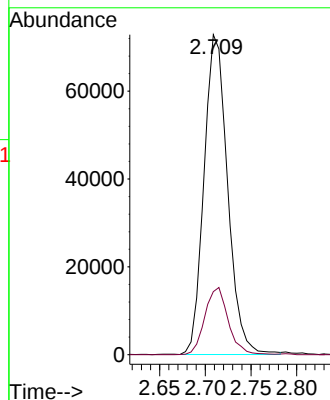
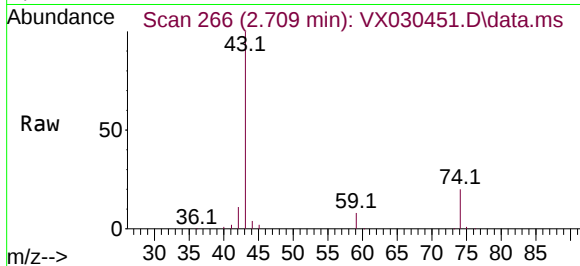




#15
Methyl Acetate
Concen: 59.701 ug/L
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

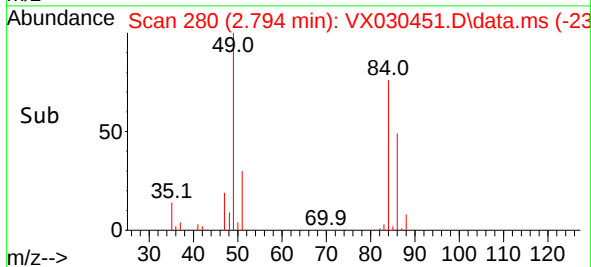
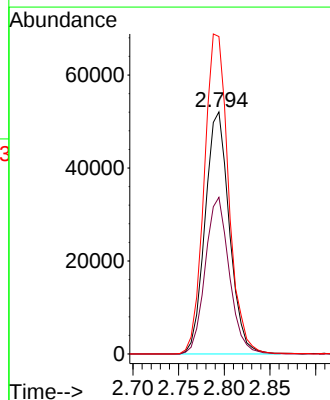
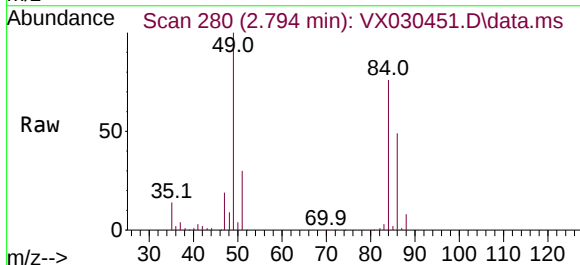
Instrument :
MSVOA_X
ClientSampleId :

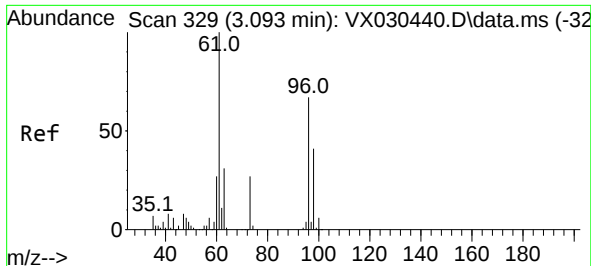
Tgt Ion: 43 Resp: 130941
Ion Ratio Lower Upper
43 100
74 20.8 17.2 25.8



#16
Methylene chloride
Concen: 55.684 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion: 84 Resp: 96027
Ion Ratio Lower Upper
84 100
86 64.7 44.2 82.2
49 131.2 89.0 165.2

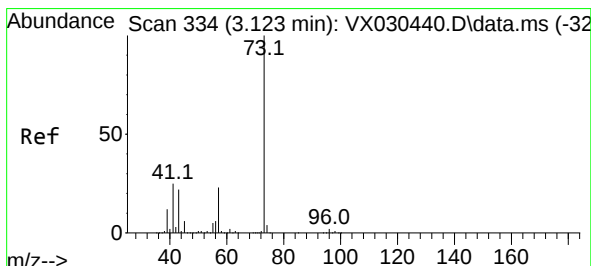
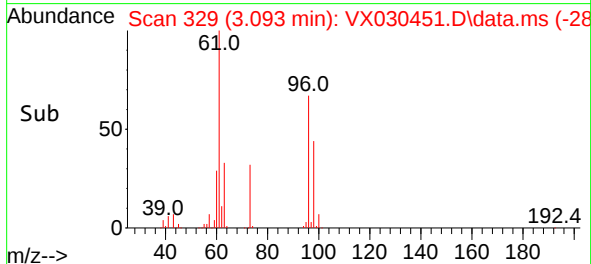
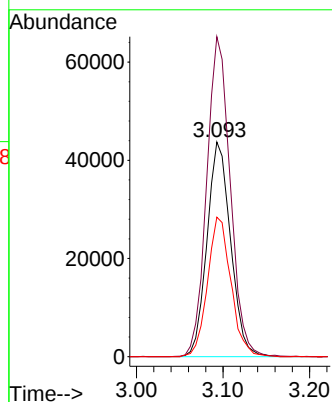
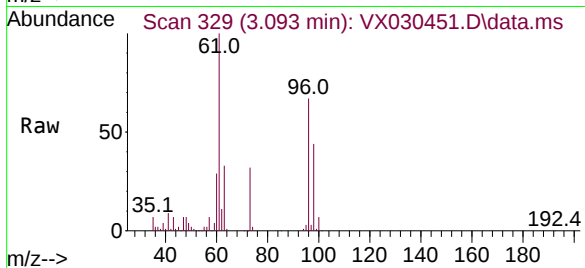




#17
trans-1,2-Dichloroethene
Concen: 52.626 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

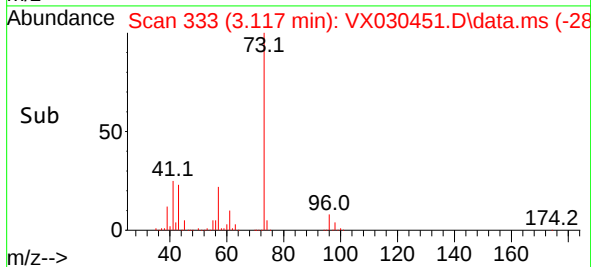
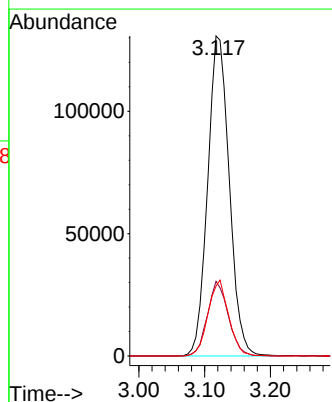
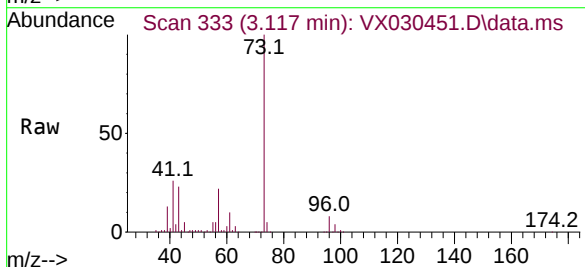
Instrument :
MSVOA_X
ClientSampleId :

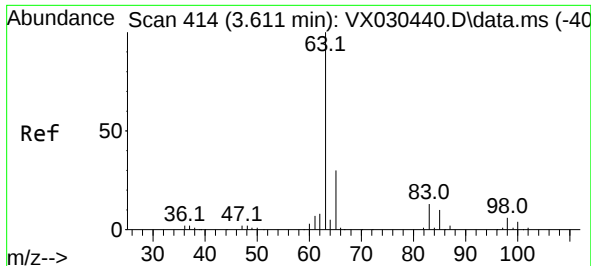
Tgt Ion: 96 Resp: 82917
Ion Ratio Lower Upper
96 100
61 149.1 103.7 192.5
98 65.0 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 55.798 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion: 73 Resp: 298975
Ion Ratio Lower Upper
73 100
43 22.6 17.6 26.4
57 22.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 56.537 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

Instrument :

MSVOA_X

ClientSampleId :

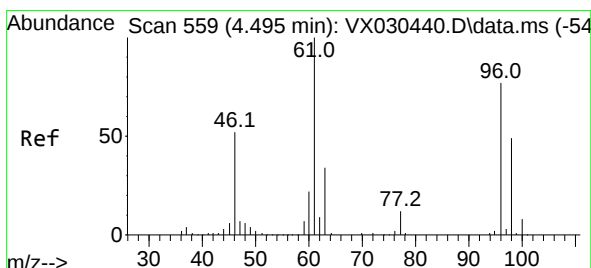
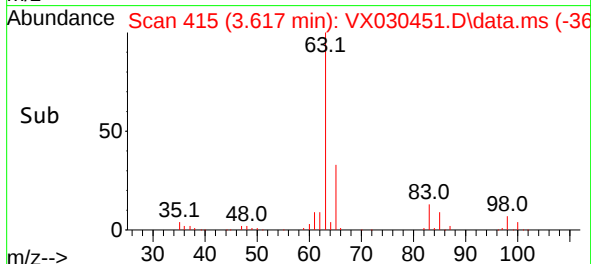
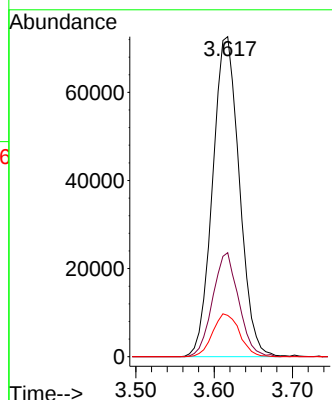
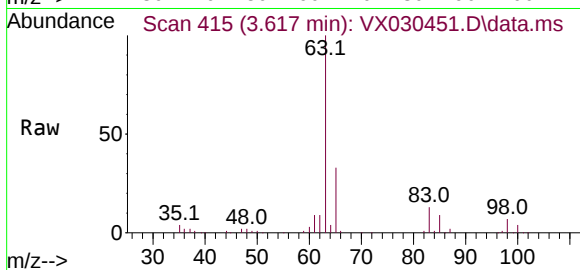
Tgt Ion: 63 Resp: 172292

Ion Ratio Lower Upper

63 100

65 32.5 22.0 40.8

83 12.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 55.157 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

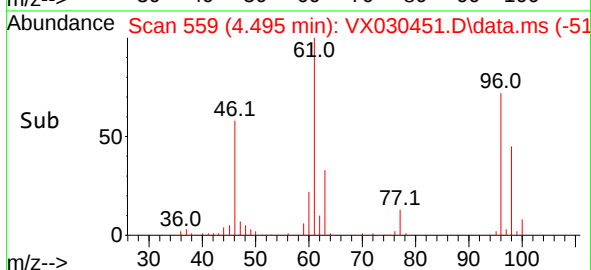
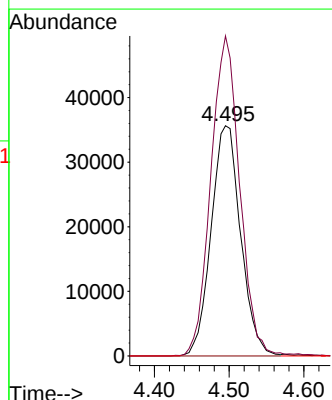
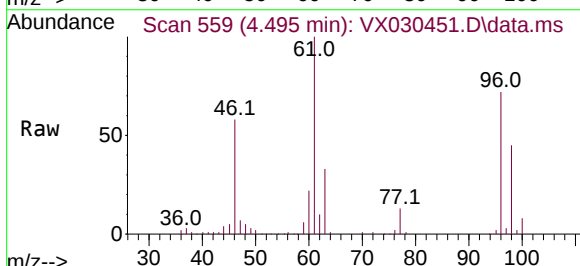
Tgt Ion: 96 Resp: 97761

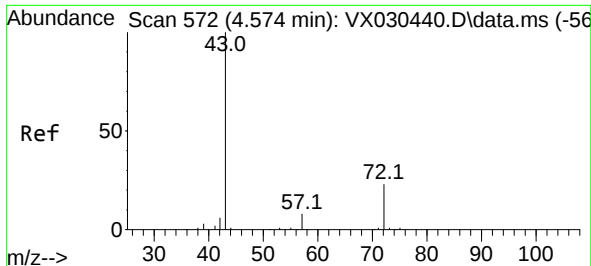
Ion Ratio Lower Upper

96 100

61 139.0 94.0 174.6

68 0.0 0.0 0.0

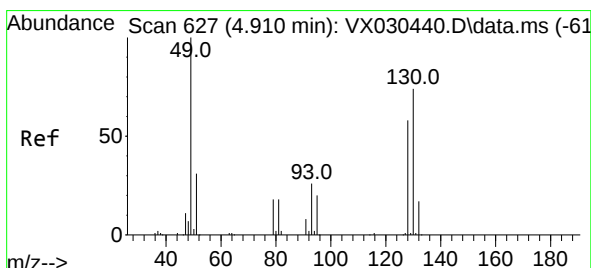
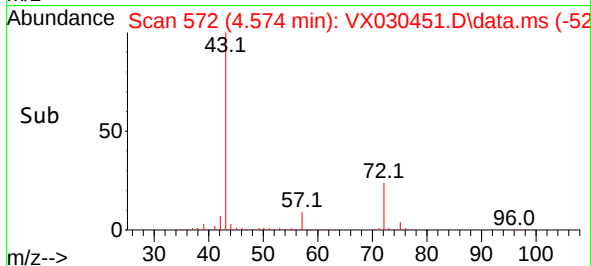
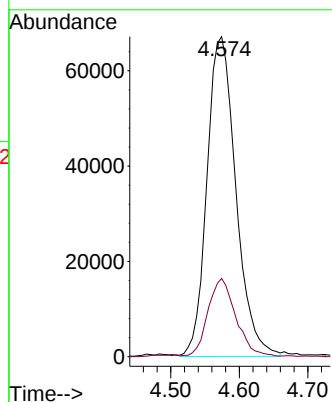
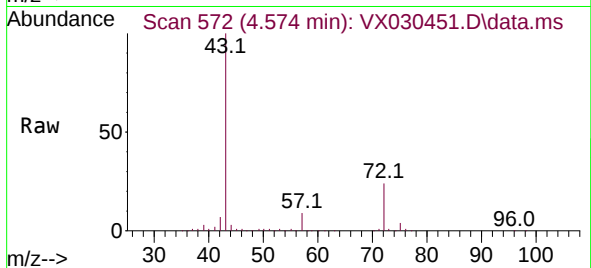




#22
2-Butanone
Concen: 117.833 ug/L
RT: 4.574 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

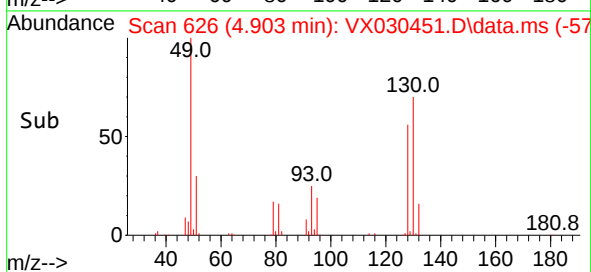
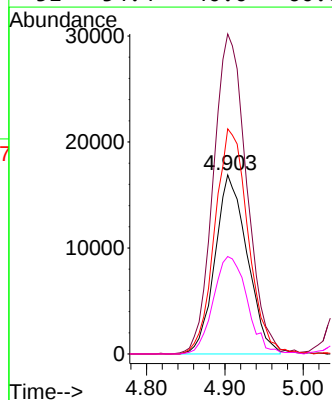
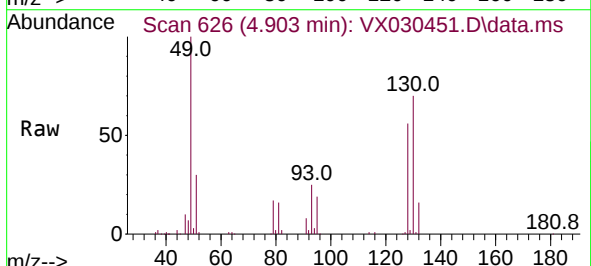
Instrument :
MSVOA_X
ClientSampleId :

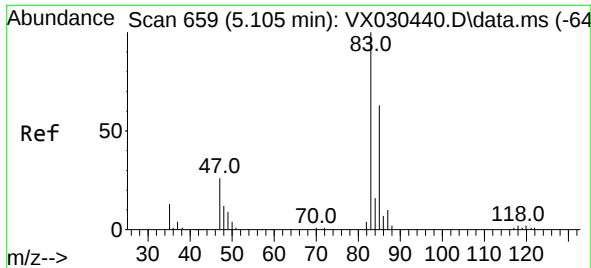
Tgt Ion: 43 Resp: 196966
Ion Ratio Lower Upper
43 100
72 23.4 11.7 35.1



#23
Bromochloromethane
Concen: 54.297 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion: 128 Resp: 48261
Ion Ratio Lower Upper
128 100
49 178.8 116.8 216.8
130 125.8 90.3 167.7
51 54.4 40.0 60.0

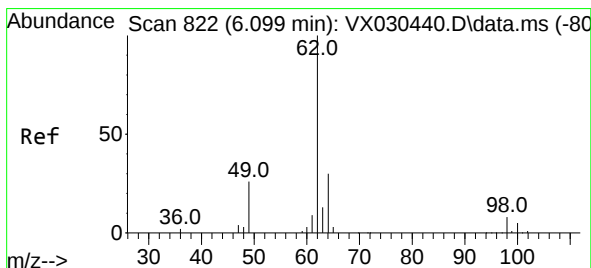
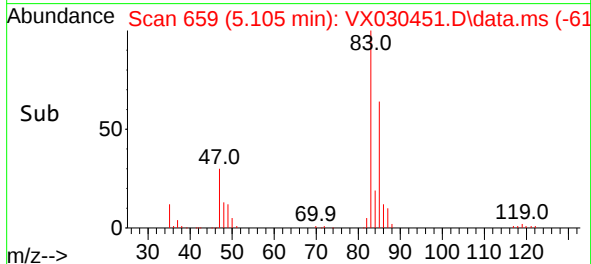
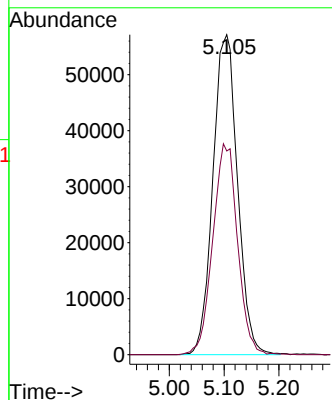
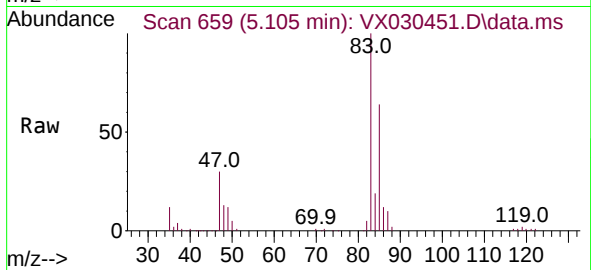




#25
Chloroform
Concen: 55.673 ug/L
RT: 5.105 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

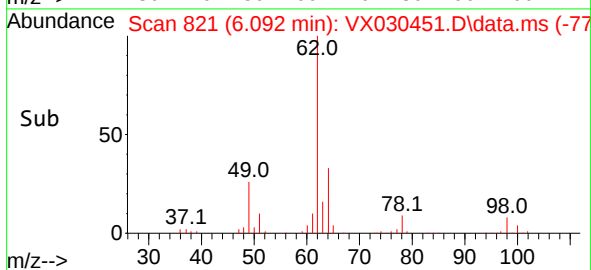
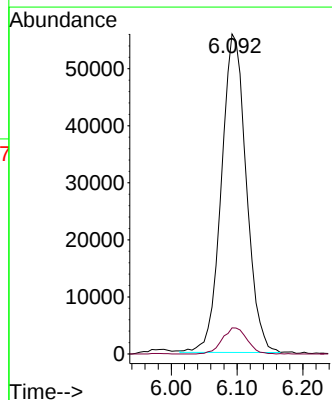
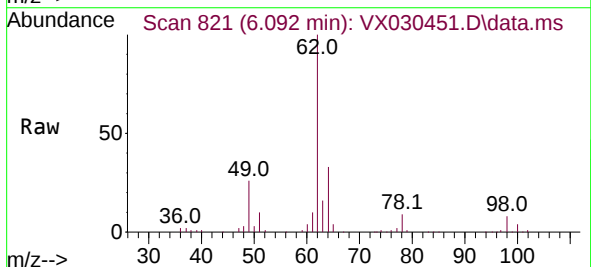
Instrument :
MSVOA_X
ClientSampleId :

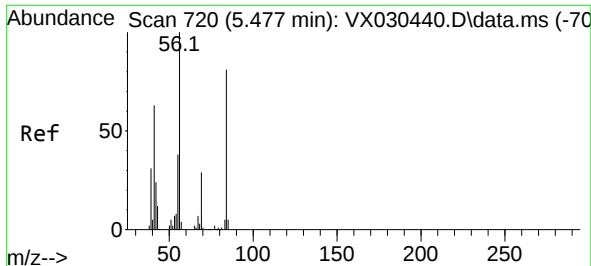
Tgt Ion: 83 Resp: 178258
Ion Ratio Lower Upper
83 100
85 63.7 45.6 84.6



#27
1,2-Dichloroethane
Concen: 55.241 ug/L
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

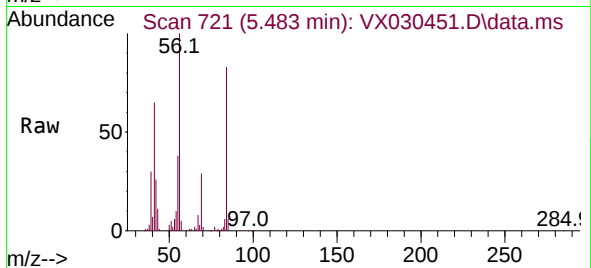
Tgt Ion: 62 Resp: 147212
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.6



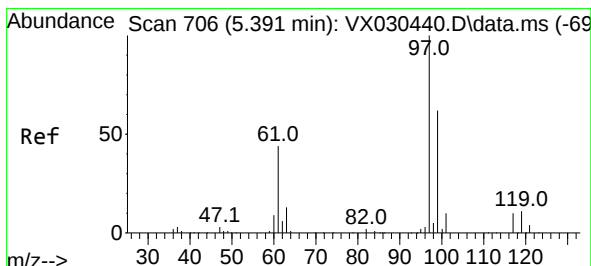
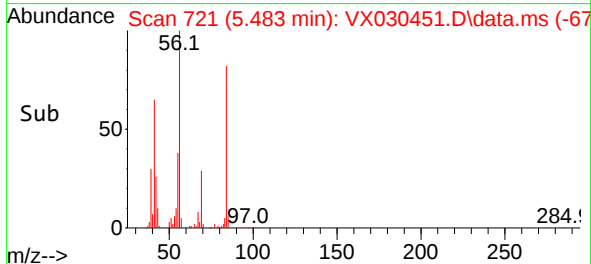
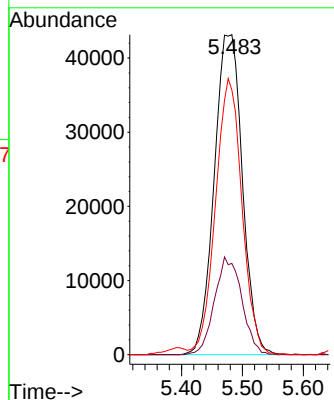


#29
Cyclohexane
Concen: 47.089 ug/L
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Instrument :
MSVOA_X
ClientSampleId :

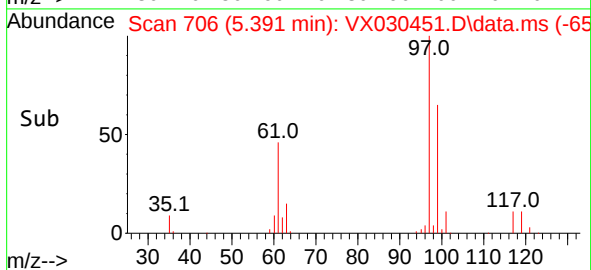
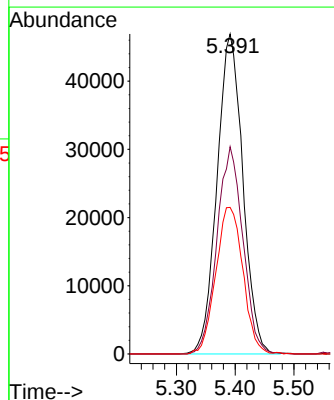
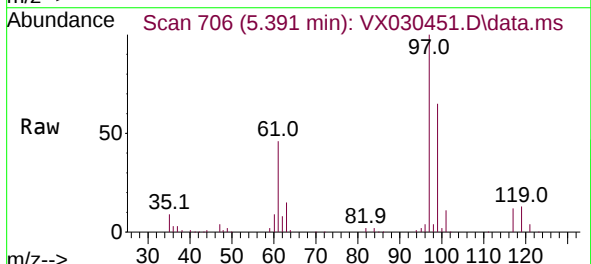


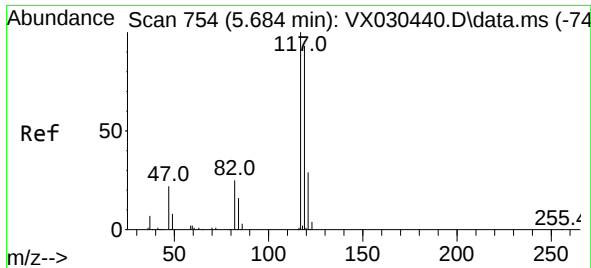
Tgt Ion: 56 Resp: 138872
Ion Ratio Lower Upper
56 100
69 29.4 24.3 36.5
84 80.9 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 48.940 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

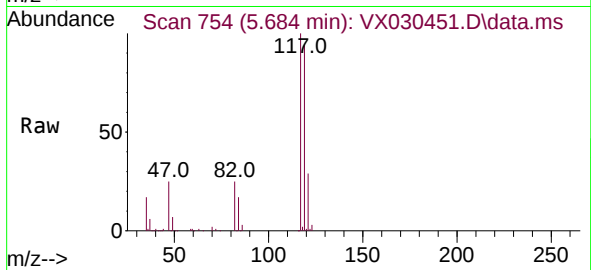
Tgt Ion: 97 Resp: 143206
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 48.2 37.0 55.6



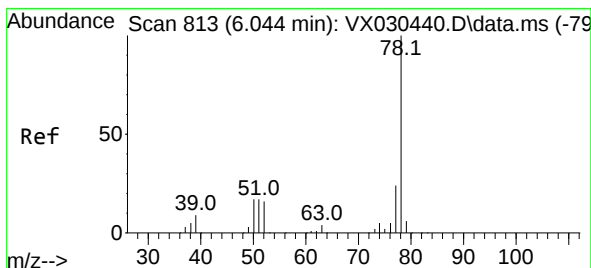
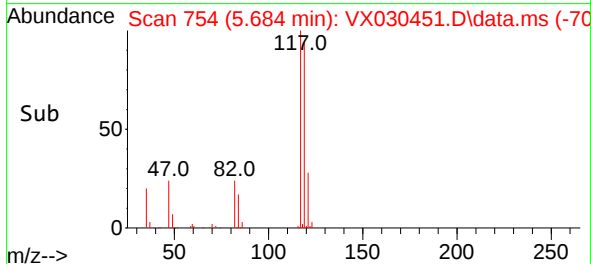
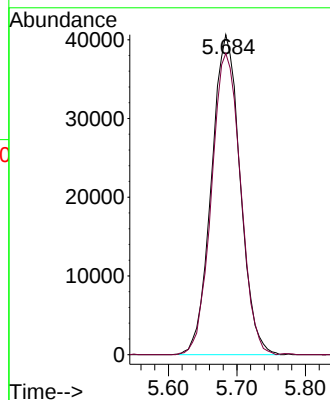


#31
Carbon tetrachloride
Concen: 48.981 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Instrument :
MSVOA_X
ClientSampleId :

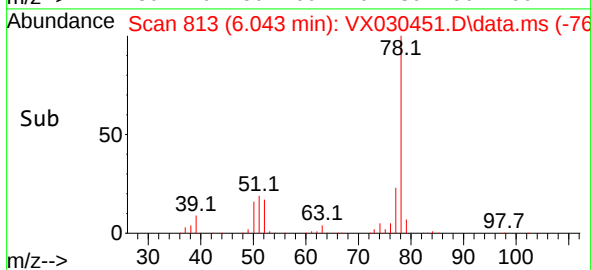
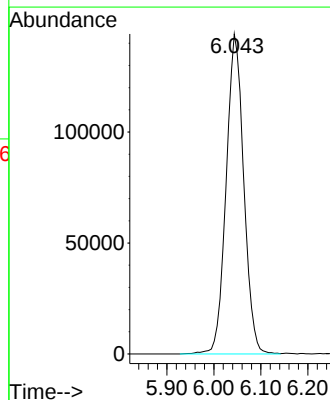
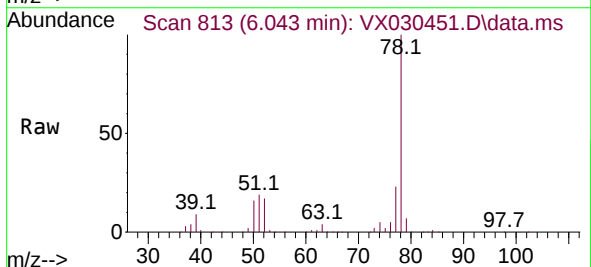


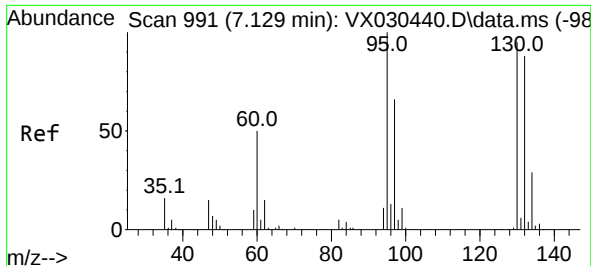
Tgt Ion:117 Resp: 118293
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2



#33
Benzene
Concen: 52.878 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

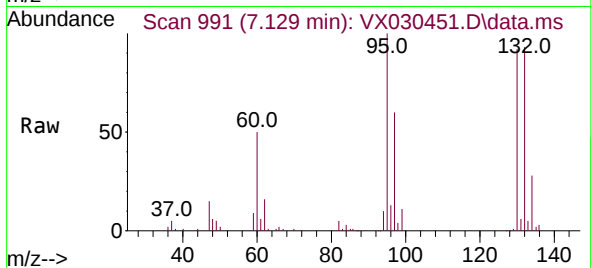
Tgt Ion: 78 Resp: 376099



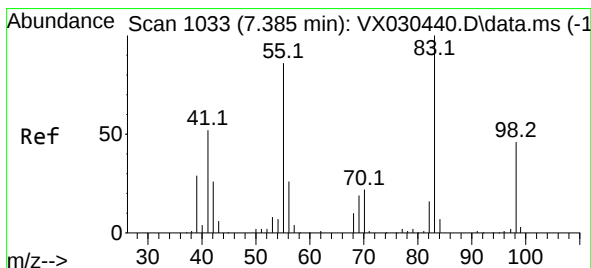
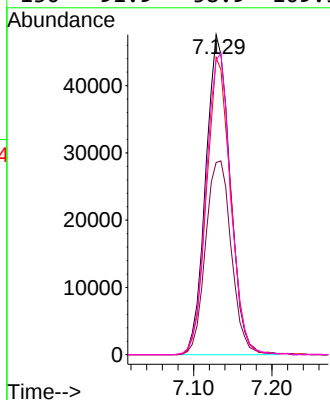
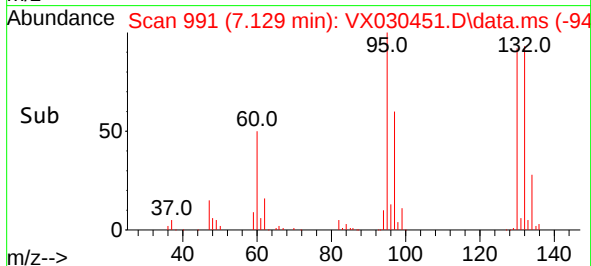


#34
Trichloroethene
Concen: 49.849 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

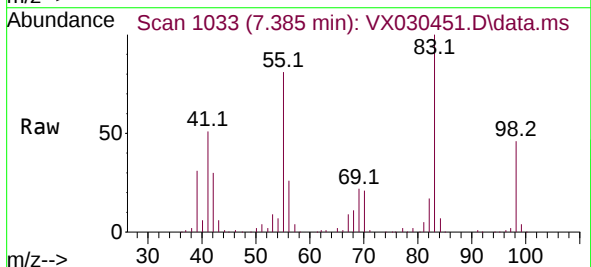
Instrument :
MSVOA_X
ClientSampleId :



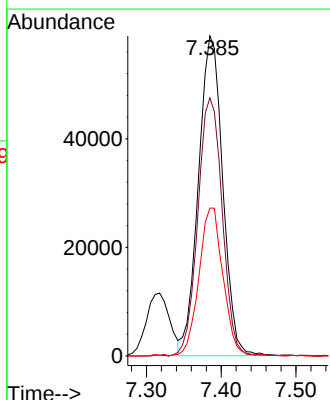
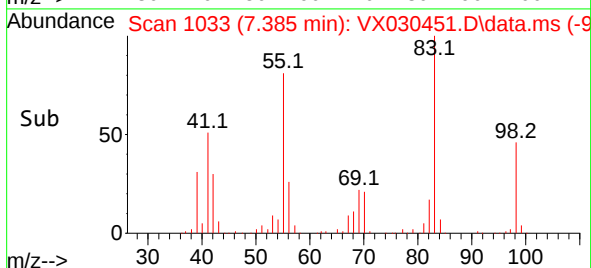
Tgt Ion:	95	Resp:	102689
Ion	Ratio	Lower	Upper
95	100		
97	60.0	40.2	74.6
132	92.9	55.3	102.7
130	91.9	58.9	109.5

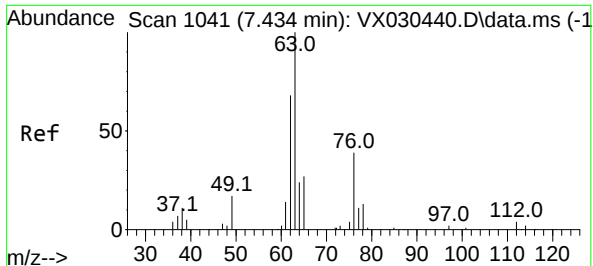


#35
Methylcyclohexane
Concen: 44.365 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23



Tgt Ion:	83	Resp:	133046
Ion	Ratio	Lower	Upper
83	100		
55	80.7	64.0	96.0
98	45.8	36.7	55.1





#37

1,2-Dichloropropane

Concen: 53.064 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

Instrument :

MSVOA_X

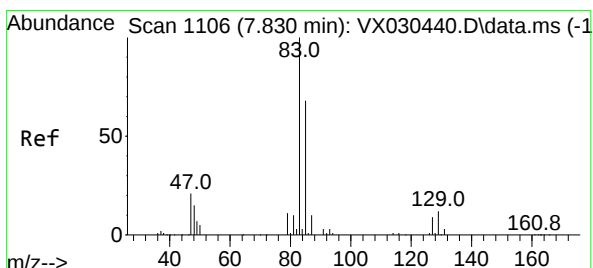
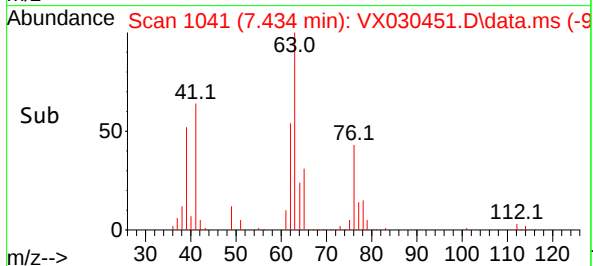
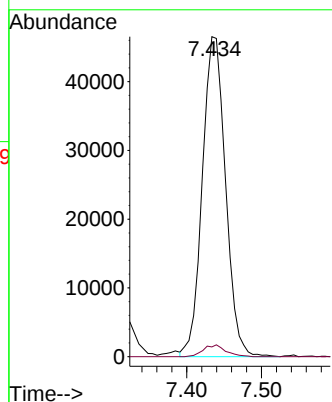
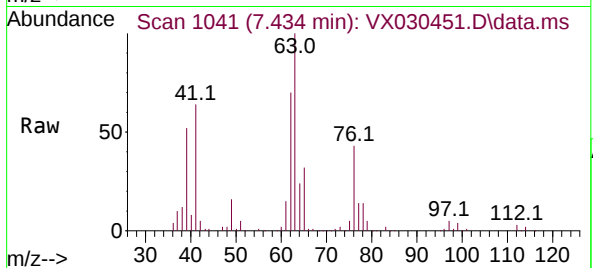
ClientSampleId :

Tgt Ion: 63 Resp: 100351

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.4



#38

Bromodichloromethane

Concen: 52.565 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

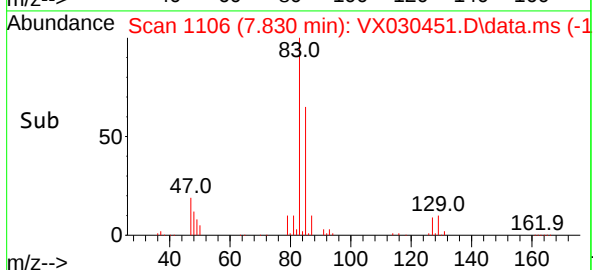
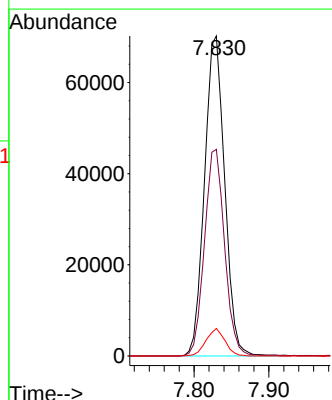
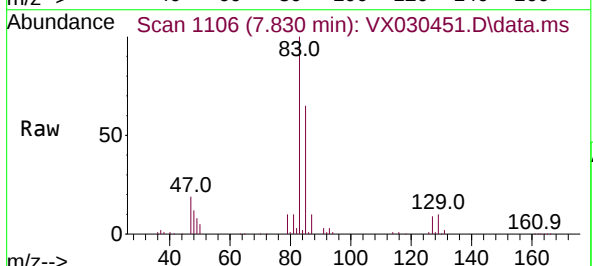
Tgt Ion: 83 Resp: 131562

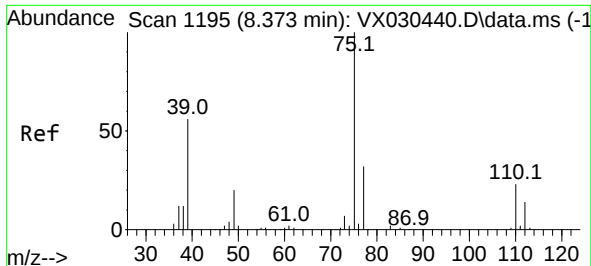
Ion Ratio Lower Upper

83 100

85 64.5 42.5 78.9

127 8.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 48.229 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

Instrument :

MSVOA_X

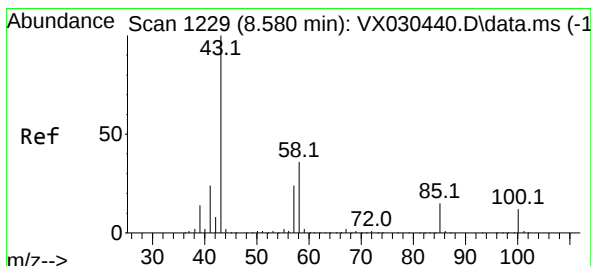
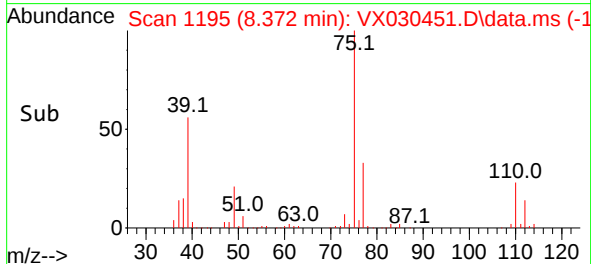
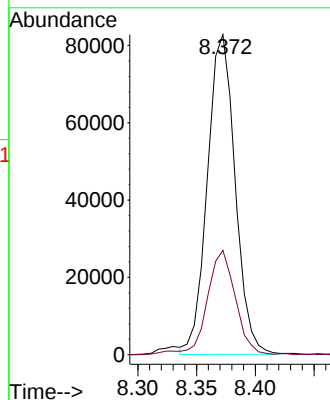
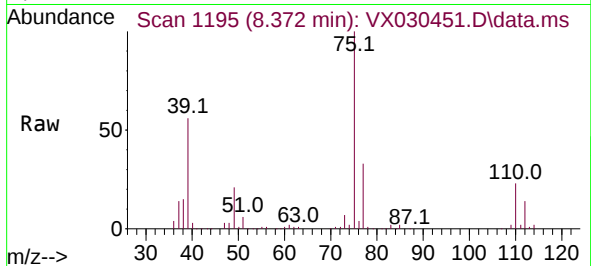
ClientSampleId :

Tgt Ion: 75 Resp: 136057

Ion Ratio Lower Upper

75 100

77 32.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 113.722 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

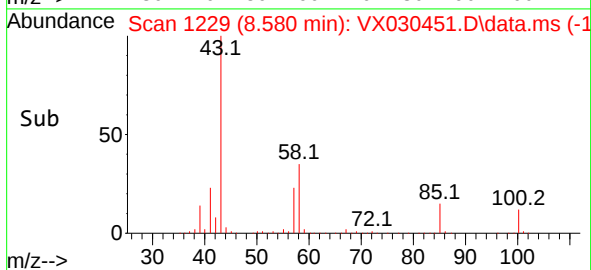
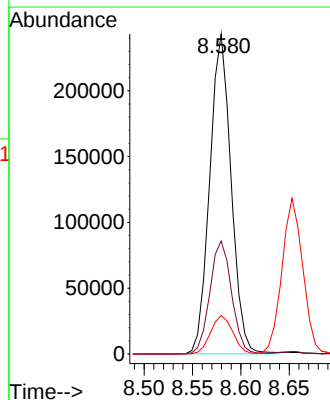
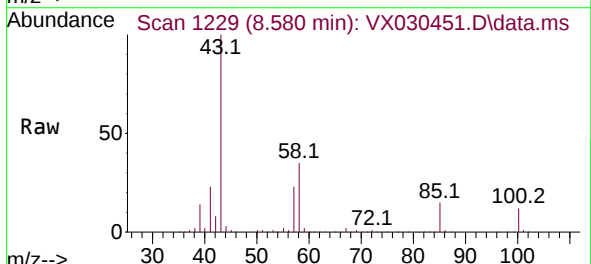
Tgt Ion: 43 Resp: 374518

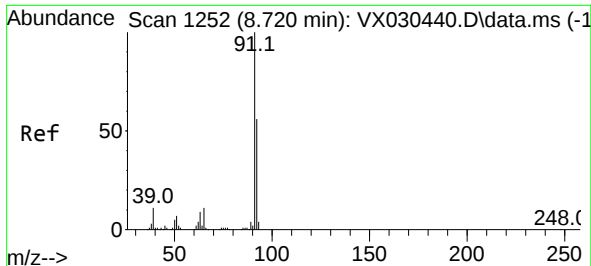
Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.6

100 12.5 10.5 15.7





#42

Toluene

Concen: 50.971 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

Instrument :

MSVOA_X

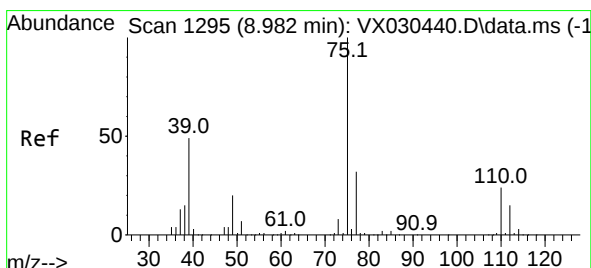
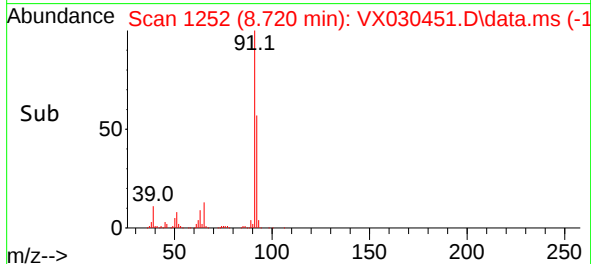
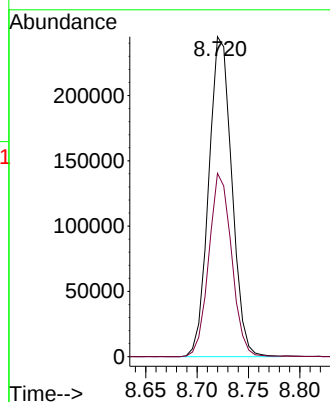
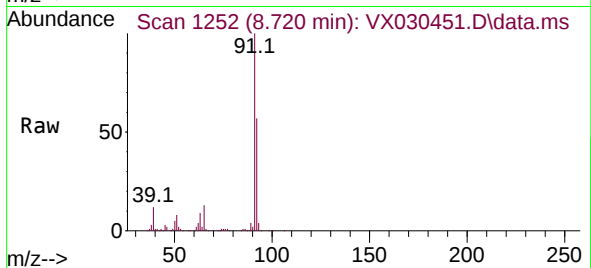
ClientSampleId :

Tgt Ion: 91 Resp: 382980

Ion Ratio Lower Upper

91 100

92 57.3 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 48.163 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030451.D

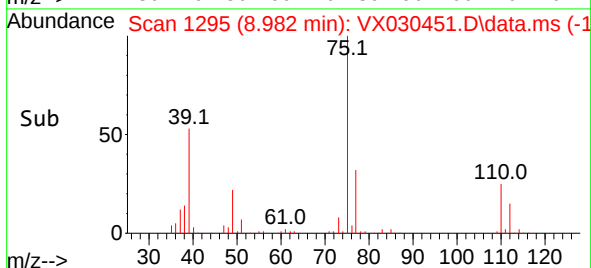
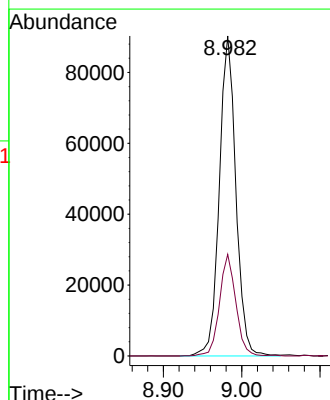
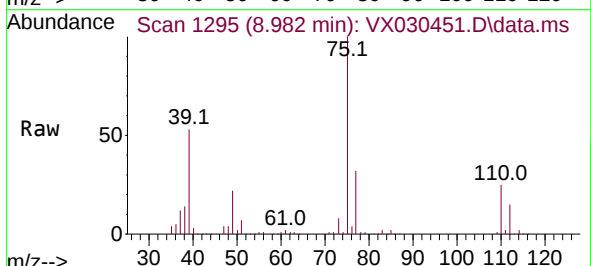
Acq: 06 Aug 2022 00:23

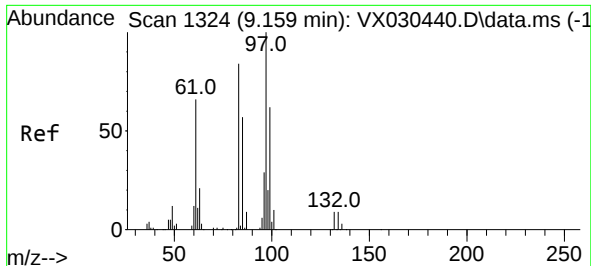
Tgt Ion: 75 Resp: 132986

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7



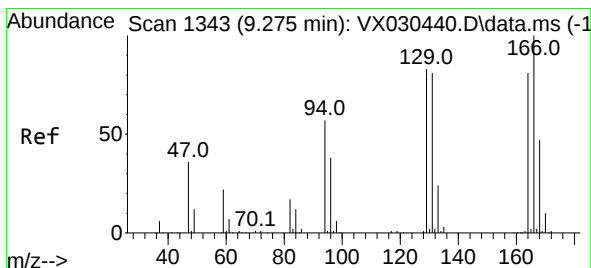
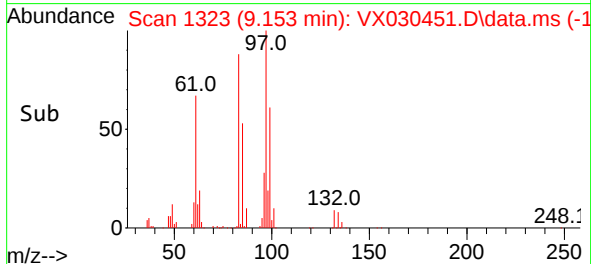
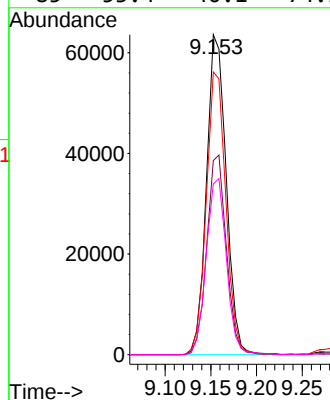
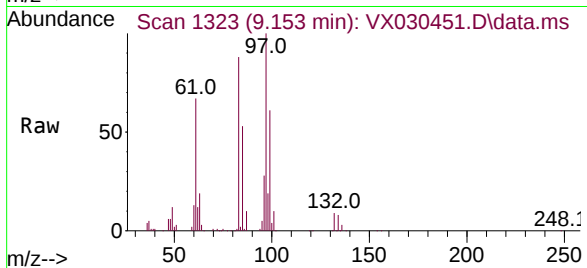


#45
1,1,2-Trichloroethane
Concen: 54.242 ug/L
RT: 9.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 95382

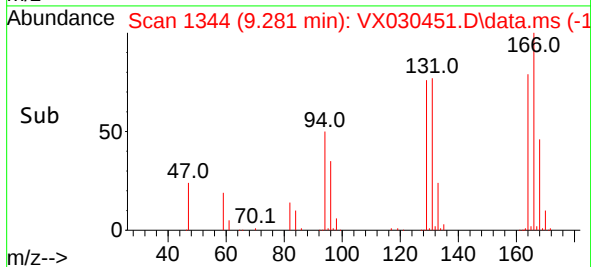
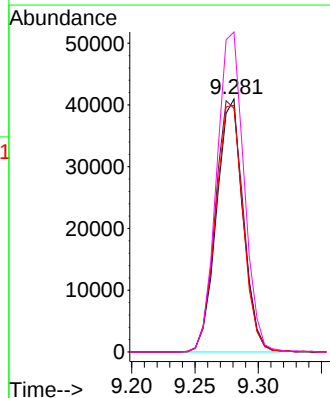
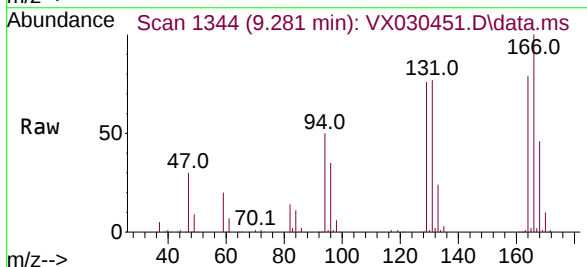
Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.3	80.3
83	88.3	63.0	117.0
85	53.4	40.1	74.5

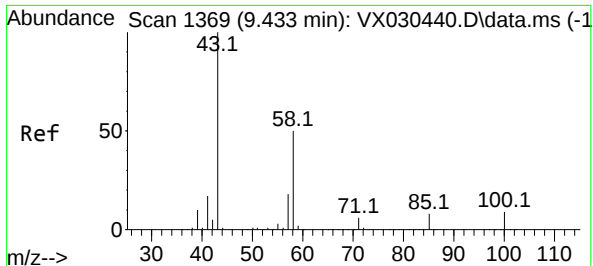


#46
Tetrachloroethene
Concen: 45.971 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion: 164 Resp: 59849

Ion	Ratio	Lower	Upper
164	100		
129	96.4	72.7	135.1
131	97.6	69.9	129.9
166	126.6	88.3	164.1





#48

2-Hexanone

Concen: 117.124 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

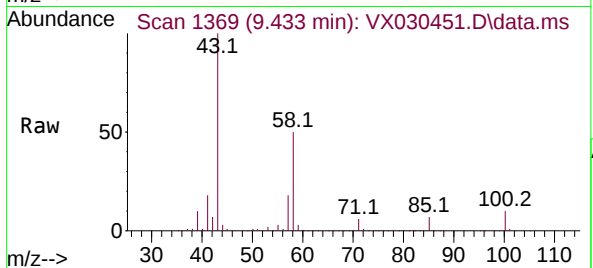
Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 299695

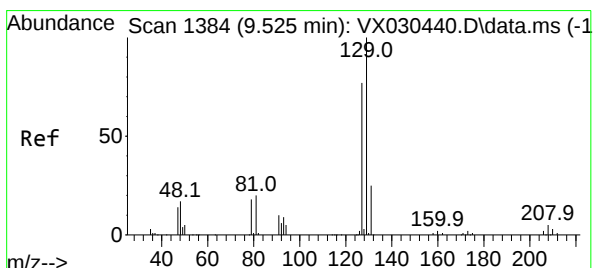
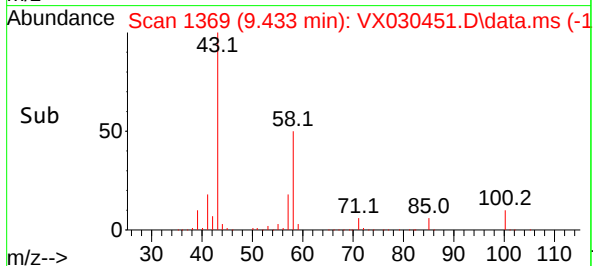
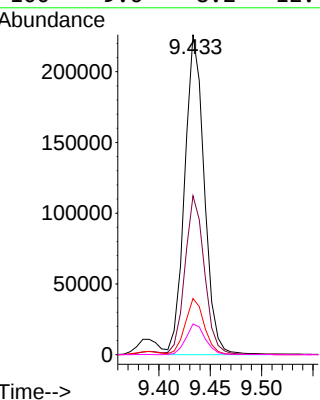
Ion Ratio Lower Upper

43 100

58 49.2 40.4 60.6

57 17.2 14.6 22.0

100 9.6 8.2 12.4



#49

Dibromochloromethane

Concen: 50.696 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030451.D

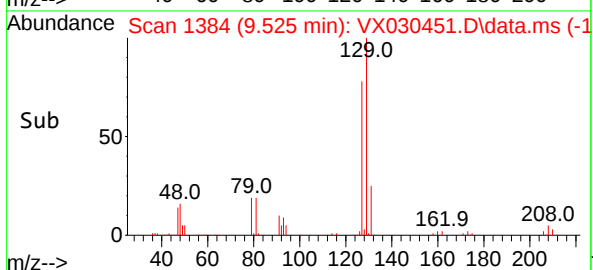
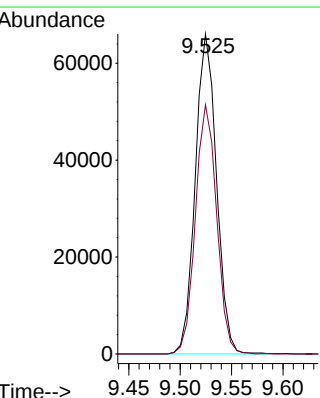
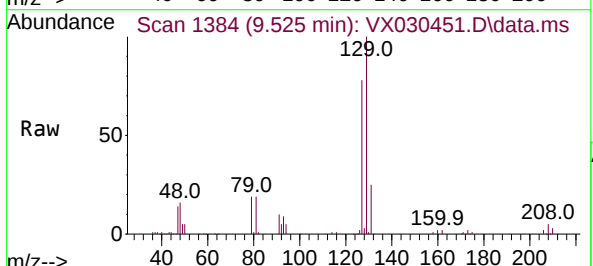
Acq: 06 Aug 2022 00:23

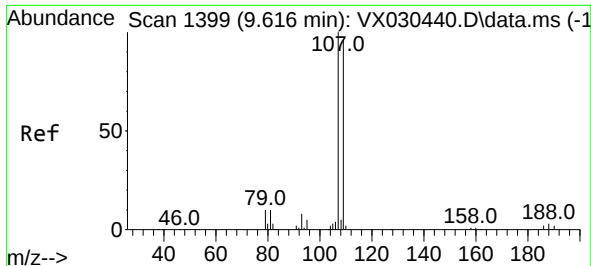
Tgt Ion:129 Resp: 94841

Ion Ratio Lower Upper

129 100

127 77.8 55.6 103.2

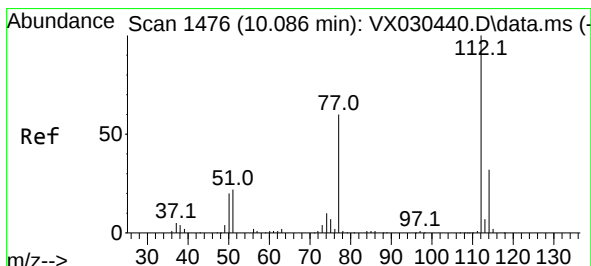
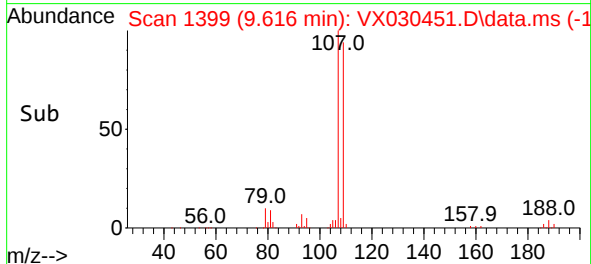
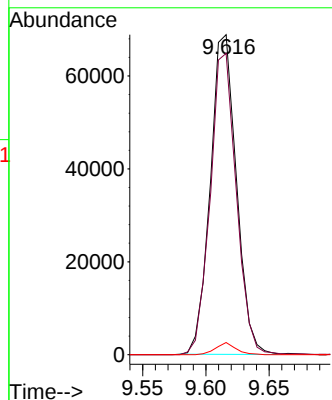
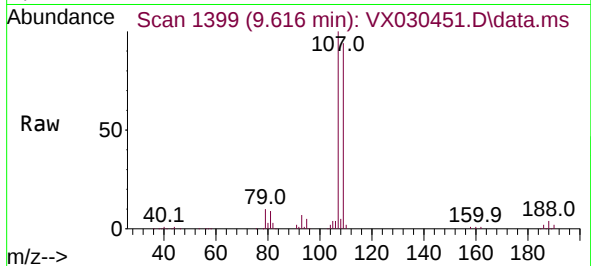




#50
1,2-Dibromoethane
Concen: 51.176 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

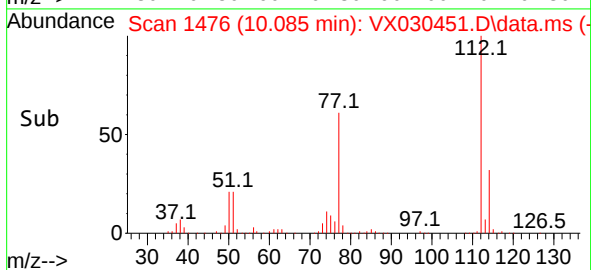
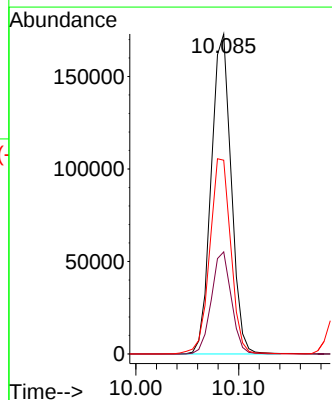
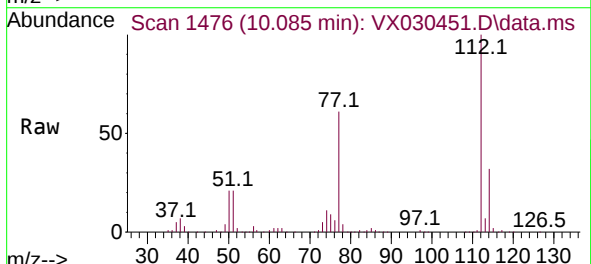
Instrument :
MSVOA_X
ClientSampleId :

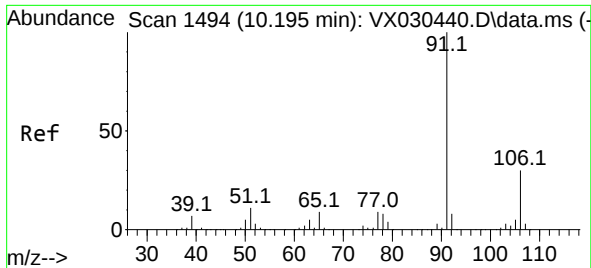
Tgt Ion:107 Resp: 98963
Ion Ratio Lower Upper
107 100
109 94.1 64.8 120.4
188 3.8 2.2 3.2#



#51
Chlorobenzene
Concen: 49.918 ug/L
RT: 10.085 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion:112 Resp: 233668
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 60.5 50.8 76.2

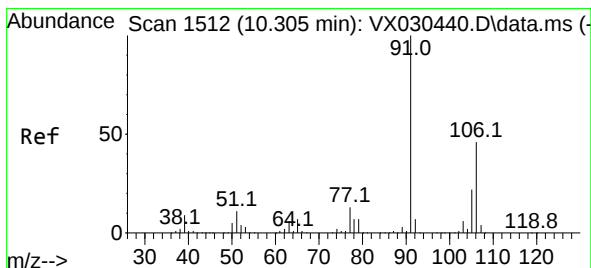
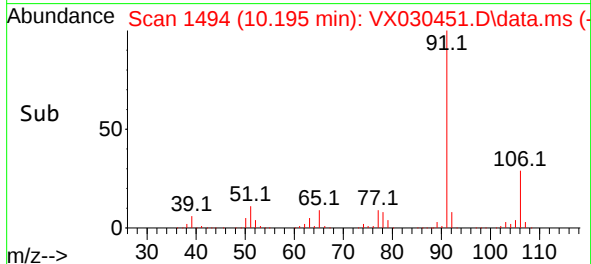
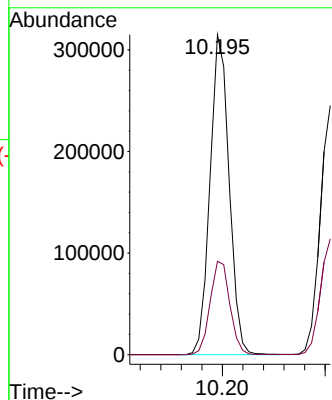
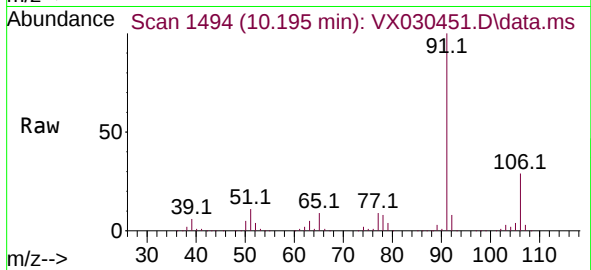




#52
Ethylbenzene
Concen: 49.751 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

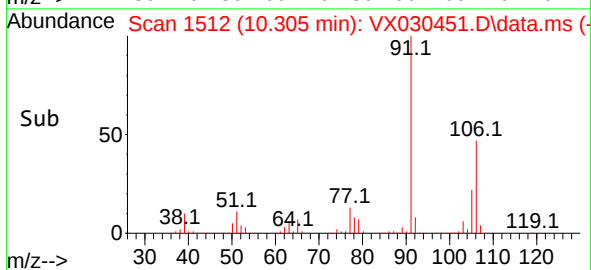
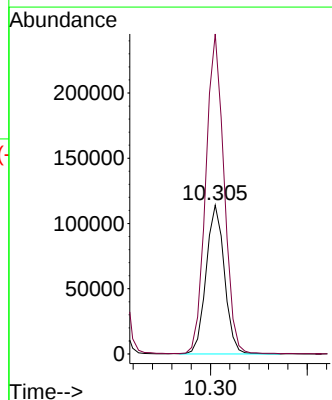
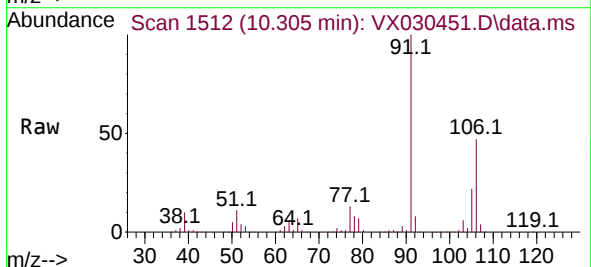
Instrument :
MSVOA_X
ClientSampleId :

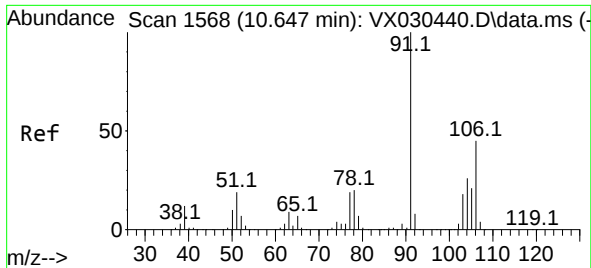
Tgt Ion: 91 Resp: 407590
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.5



#53
m,p-Xylene
Concen: 49.283 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion: 106 Resp: 150490
Ion Ratio Lower Upper
106 100
91 215.0 147.8 274.6

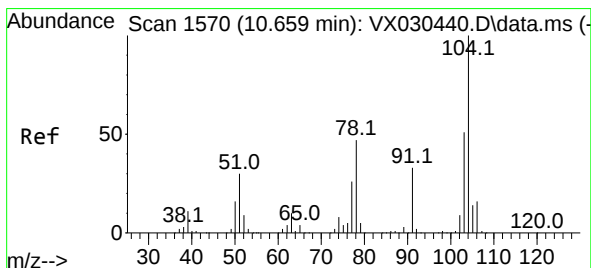
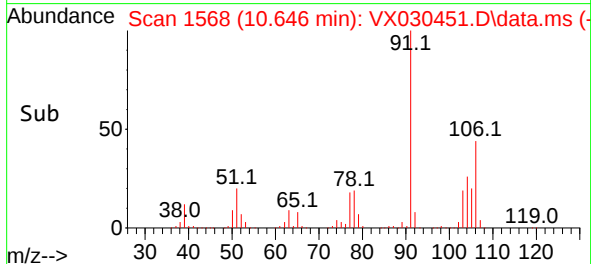
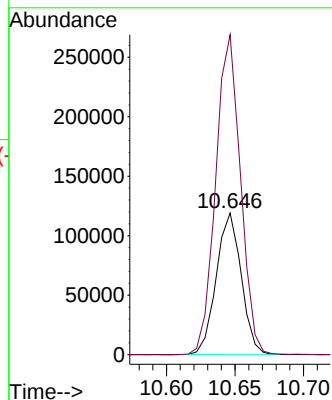
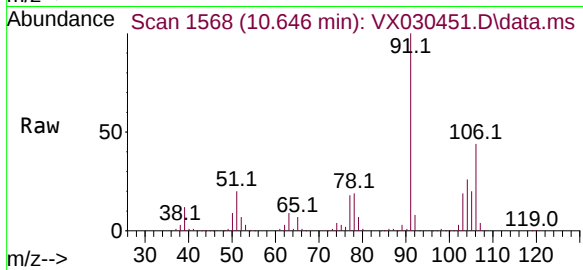




#54
o-Xylene
Concen: 49.482 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

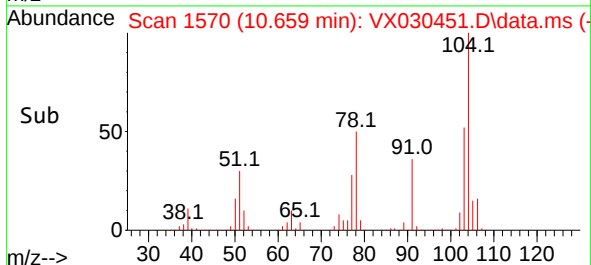
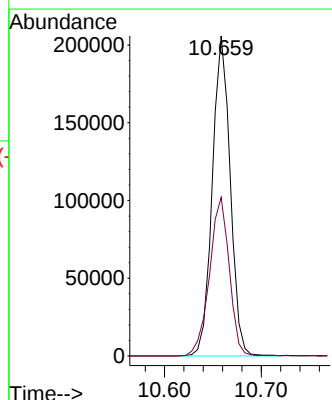
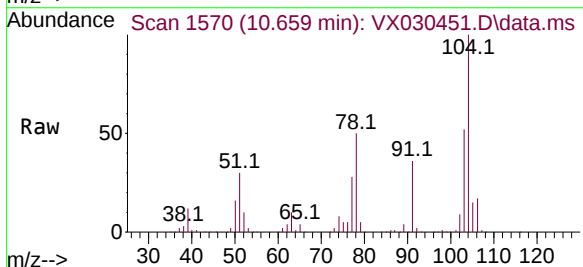
Instrument :
MSVOA_X
ClientSampleId :

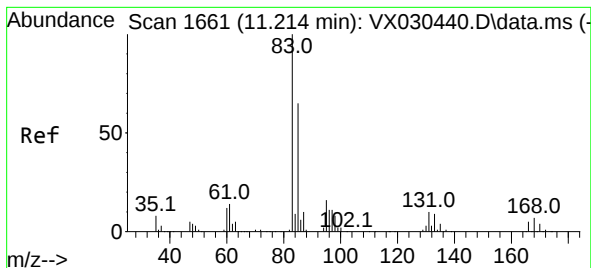
Tgt Ion:106 Resp: 150566
Ion Ratio Lower Upper
106 100
91 226.0 157.8 293.0



#55
Styrene
Concen: 51.689 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion:104 Resp: 264824
Ion Ratio Lower Upper
104 100
78 49.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 55.011 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

Instrument :

MSVOA_X

ClientSampleId :

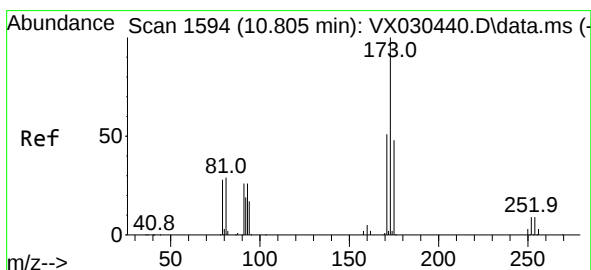
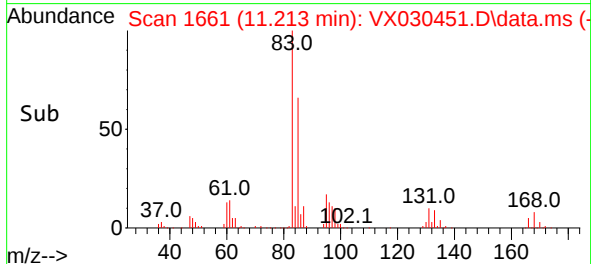
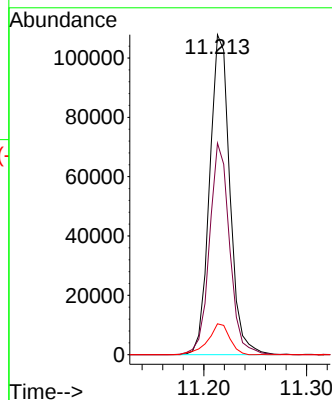
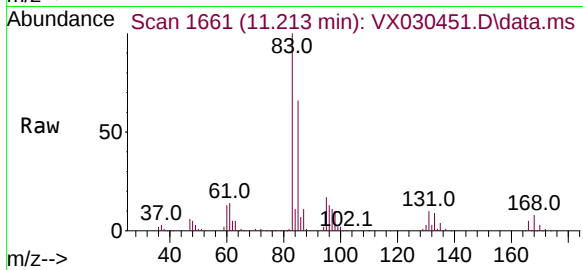
Tgt Ion: 83 Resp: 147189

Ion Ratio Lower Upper

83 100

85 66.1 44.4 82.4

131 9.7 7.5 11.3



#59

Bromoform

Concen: 52.577 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

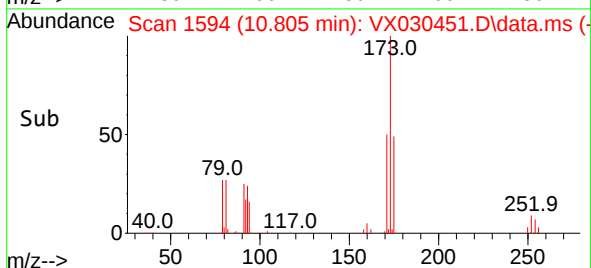
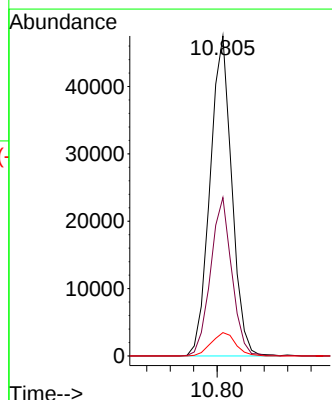
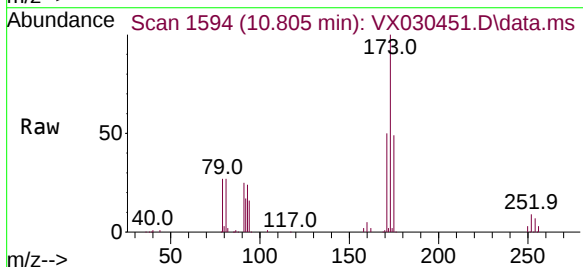
Tgt Ion:173 Resp: 61080

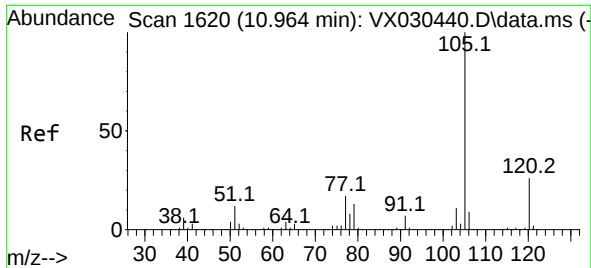
Ion Ratio Lower Upper

173 100

175 48.4 38.9 58.3

254 8.2 7.0 10.4

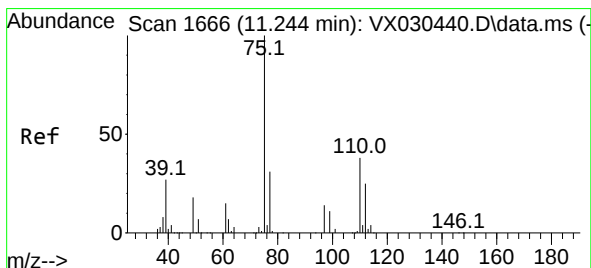
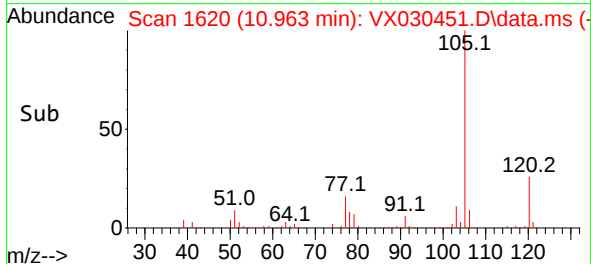
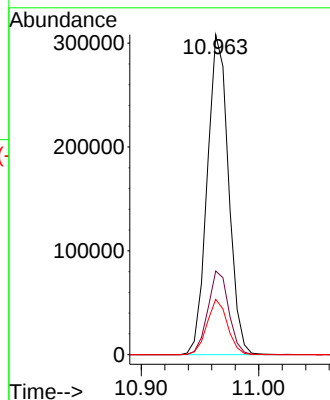
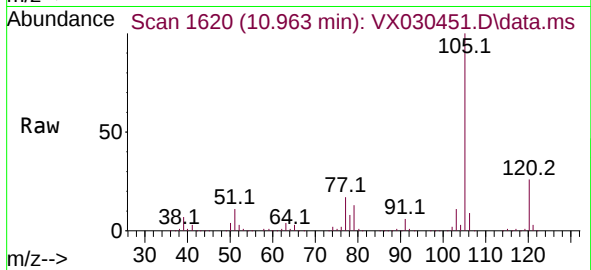




#60
Isopropylbenzene
Concen: 51.199 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

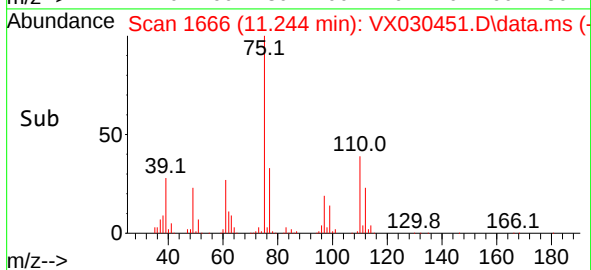
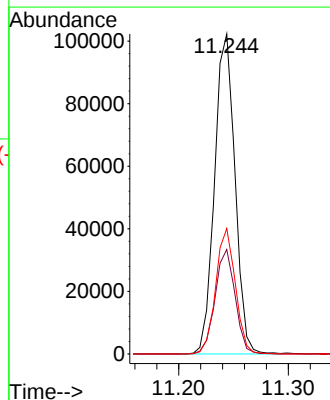
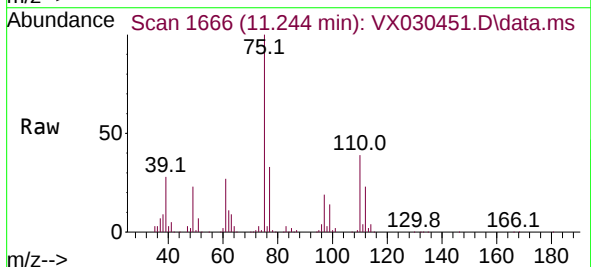
Instrument :
MSVOA_X
ClientSampleId :

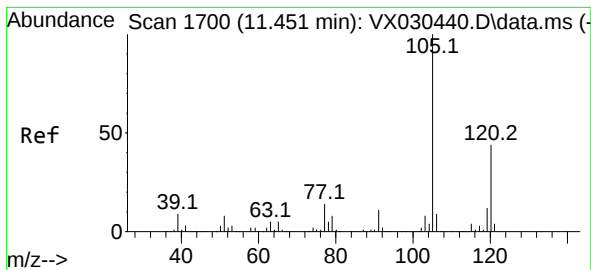
Tgt Ion:105 Resp: 387160
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.6 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 57.768 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion: 75 Resp: 132348
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
110 37.7 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 51.989 ug/L

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030451.D

Acq: 06 Aug 2022 00:23

Instrument :

MSVOA_X

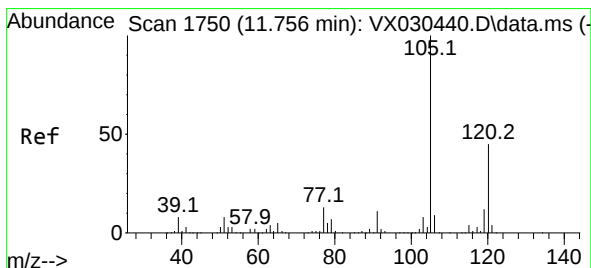
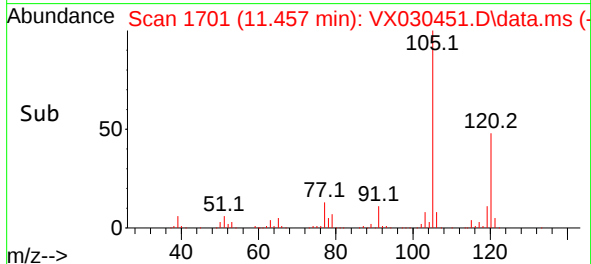
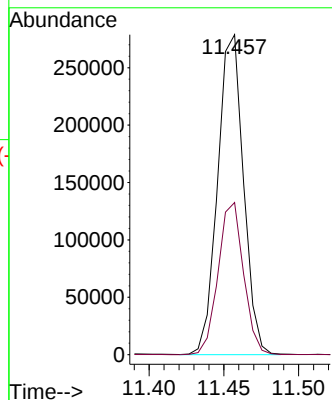
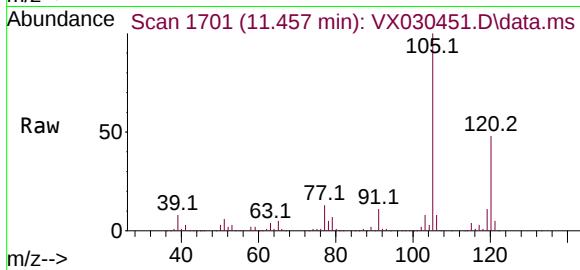
ClientSampleId :

Tgt Ion:105 Resp: 335638

Ion Ratio Lower Upper

105 100

120 46.7 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 50.235 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030451.D

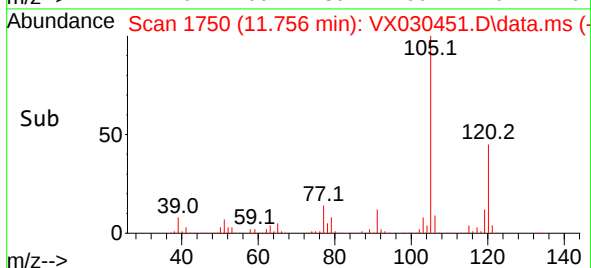
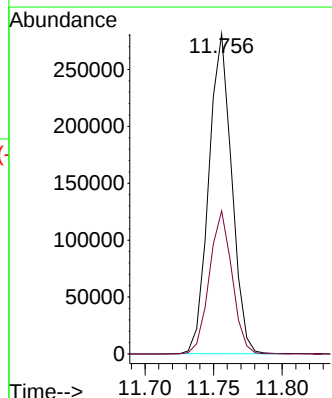
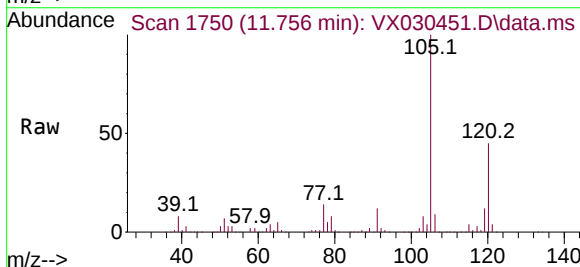
Acq: 06 Aug 2022 00:23

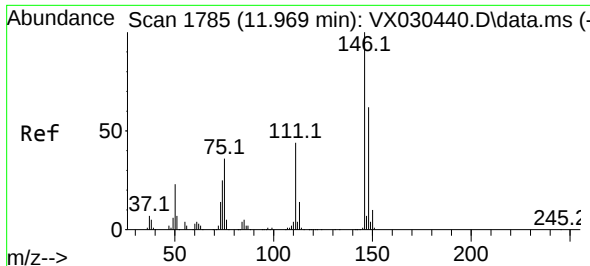
Tgt Ion:105 Resp: 327519

Ion Ratio Lower Upper

105 100

120 44.2 35.9 53.9

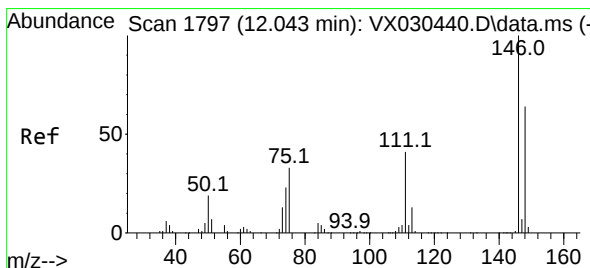
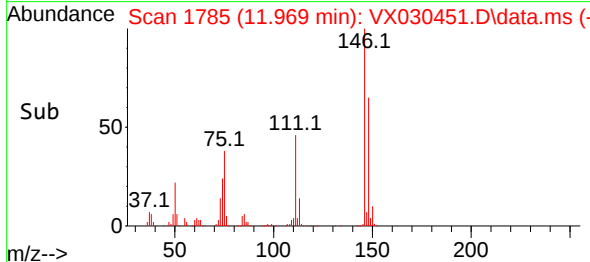
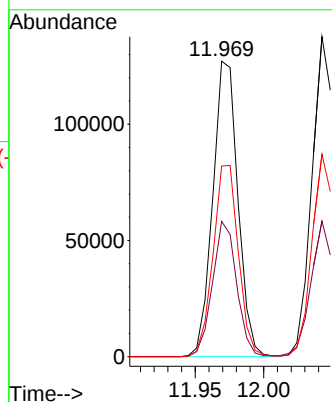
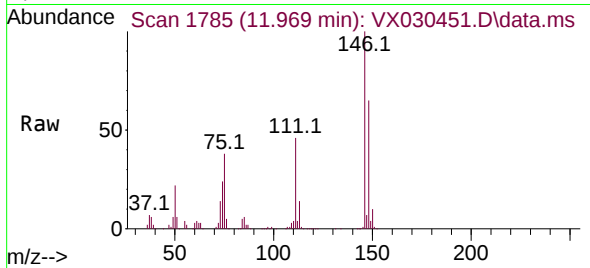




#64
1,3-Dichlorobenzene
Concen: 49.312 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

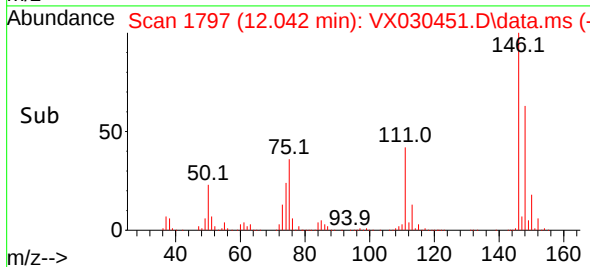
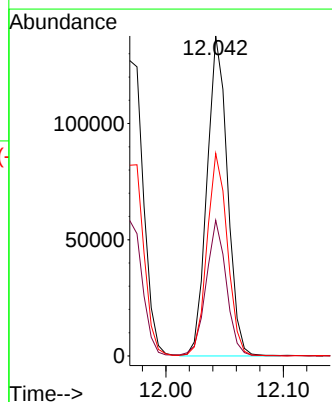
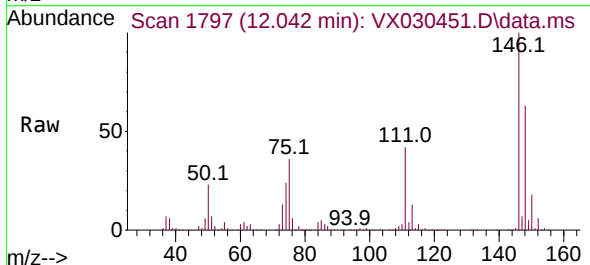
Instrument :
MSVOA_X
ClientSampleId :

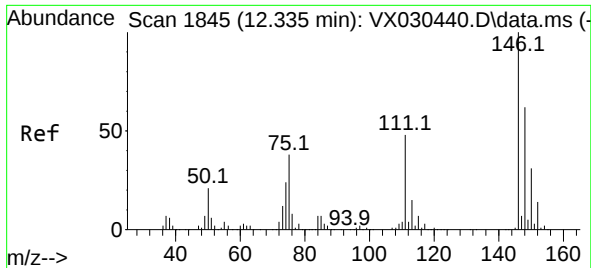
Tgt Ion:146 Resp: 162100
Ion Ratio Lower Upper
146 100
111 45.8 30.9 57.5
148 64.6 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 49.942 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion:146 Resp: 166890
Ion Ratio Lower Upper
146 100
111 42.4 32.6 60.6
148 63.3 48.3 89.7

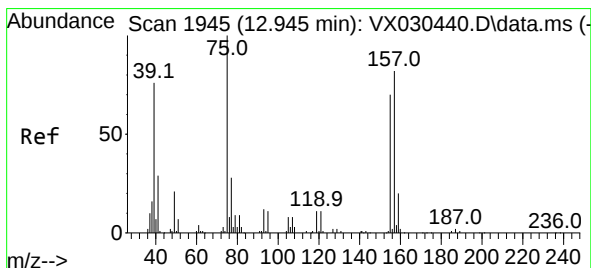
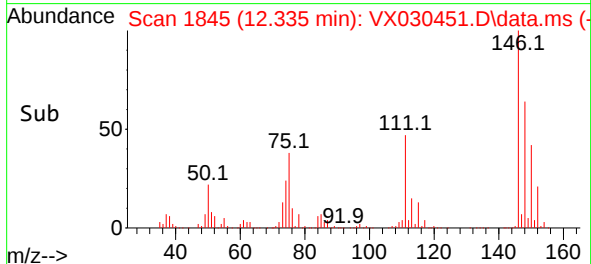
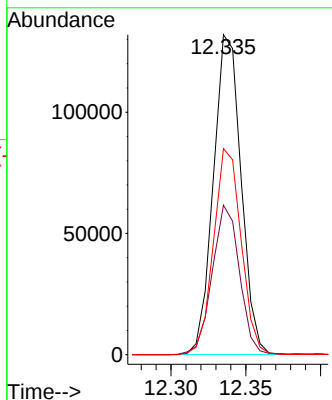
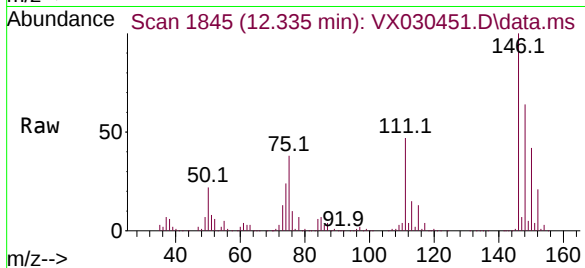




#67
1,2-Dichlorobenzene
Concen: 49.946 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

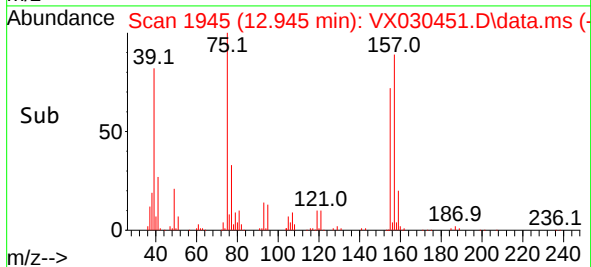
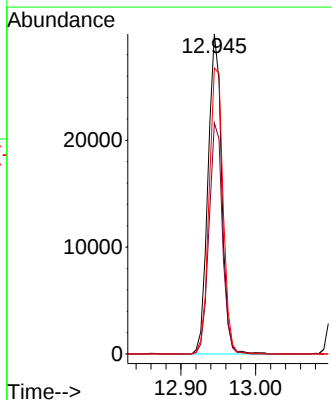
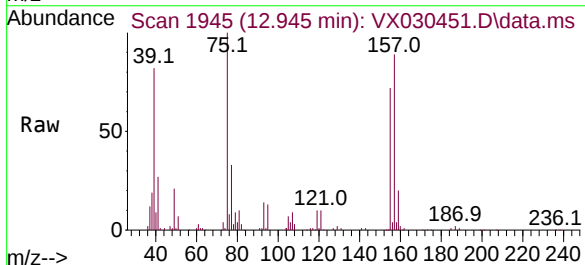
Instrument :
MSVOA_X
ClientSampleId :

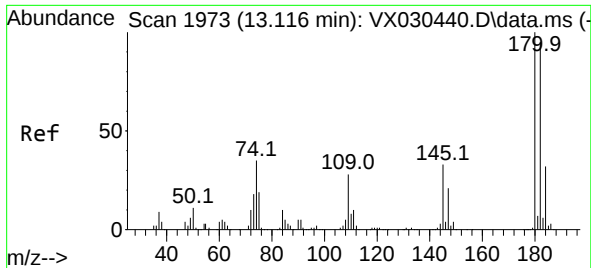
Tgt Ion:146 Resp: 169787
Ion Ratio Lower Upper
146 100
111 46.7 36.9 55.3
148 64.4 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 50.300 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

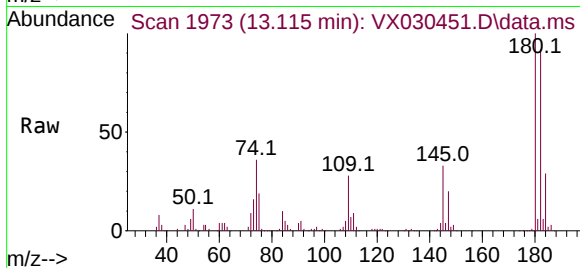
Tgt Ion: 75 Resp: 38014
Ion Ratio Lower Upper
75 100
155 72.2 57.1 85.7
157 89.3 73.1 109.7



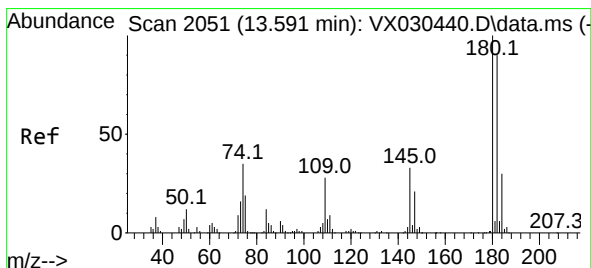
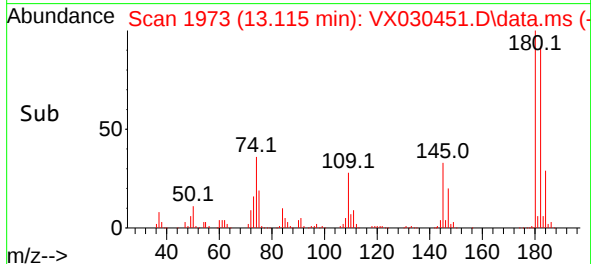
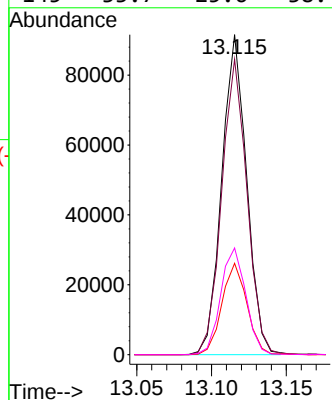


#69
 1,3,5-Trichlorobenzene
 Concen: 45.914 ug/L
 RT: 13.115 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VX030451.D
 Acq: 06 Aug 2022 00:23

Instrument :
 MSVOA_X
 ClientSampleId :

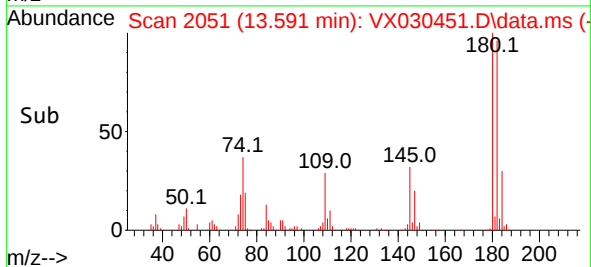
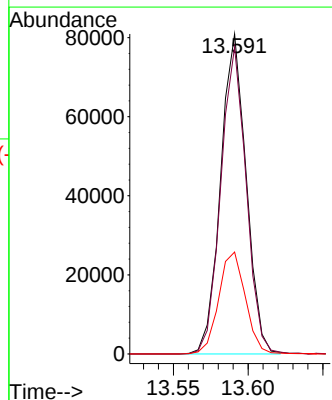
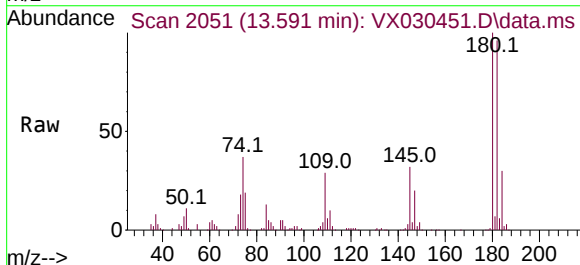


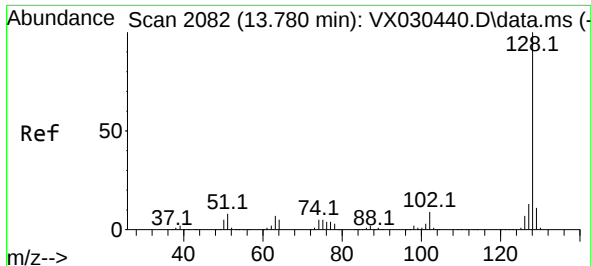
Tgt Ion:180 Resp: 105844
 Ion Ratio Lower Upper
 180 100
 182 93.9 73.7 110.5
 184 28.7 24.1 36.1
 145 33.7 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 47.569 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX030451.D
 Acq: 06 Aug 2022 00:23

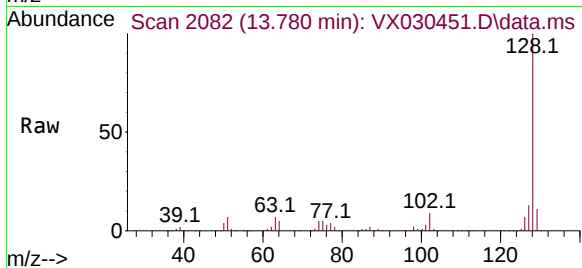
Tgt Ion:180 Resp: 96307
 Ion Ratio Lower Upper
 180 100
 182 94.9 72.7 109.1
 145 33.3 26.6 40.0



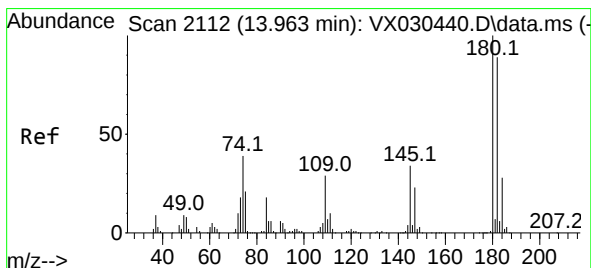
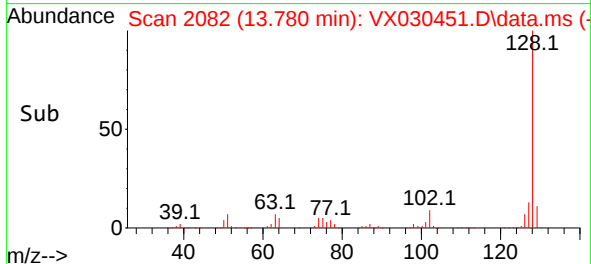
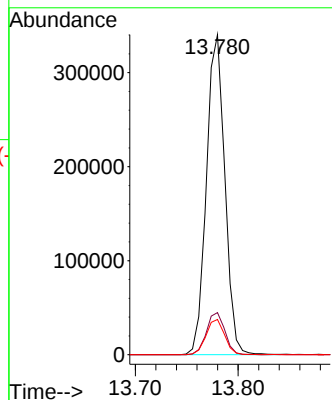


#71
Naphthalene
Concen: 50.682 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 424736
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: 47.866 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030451.D
Acq: 06 Aug 2022 00:23

Tgt Ion:180 Resp: 102365
Ion Ratio Lower Upper
180 100
182 95.6 74.6 112.0
145 34.9 28.4 42.6

