

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017453.D
 Acq On : 21 Jul 2020 13:34
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV66

Quant Time: Jul 22 06:15:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 05:48:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	371742	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	347622	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	170289	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	144486	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.69	69	102443	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.34	63	276207	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.53	46	261020	48.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	5.14	84	237273	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	6.03	65	123879	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	6.04	84	437251	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	7.37	67	127354	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	8.70	98	419702	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
45) trans-1,3-Dichloropropene-	8.99	79	60011	5.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.00%
48) 2-Hexanone-d5	9.43	63	202126	51.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.60%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	89675	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	149817	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	233351	5.710	ug/L 99
3) Chloromethane	1.31	50	188949	4.970	ug/L 98
5) Vinyl chloride	1.39	62	189231	5.219	ug/L 97
6) Bromomethane	1.64	94	94700	4.809	ug/L 100
8) Chloroethane	1.71	64	102916	5.172	ug/L 96
9) Trichlorofluoromethane	1.92	101	280912	5.395	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	147211	5.209	ug/L 100
12) 1,1-Dichloroethene	2.36	96	129698	4.931	ug/L 95
13) Acetone	2.42	43	205898	47.243	ug/L 100
14) Carbon disulfide	2.55	76	457097	5.122	ug/L 100
15) Methyl Acetate	2.75	43	55704	4.391	ug/L 97
16) Methylene chloride	2.83	84	148377	4.106	ug/L 94
17) Methyl tert-butyl Ether	3.17	73	302688	4.832	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	137884	4.924	ug/L 97
19) 1,1-Dichloroethane	3.67	63	246776	5.004	ug/L 92
21) 2-Butanone	4.64	43	329472	47.457	ug/L 99
22) cis-1,2-Dichloroethene	4.56	96	148055	5.350	ug/L # 97

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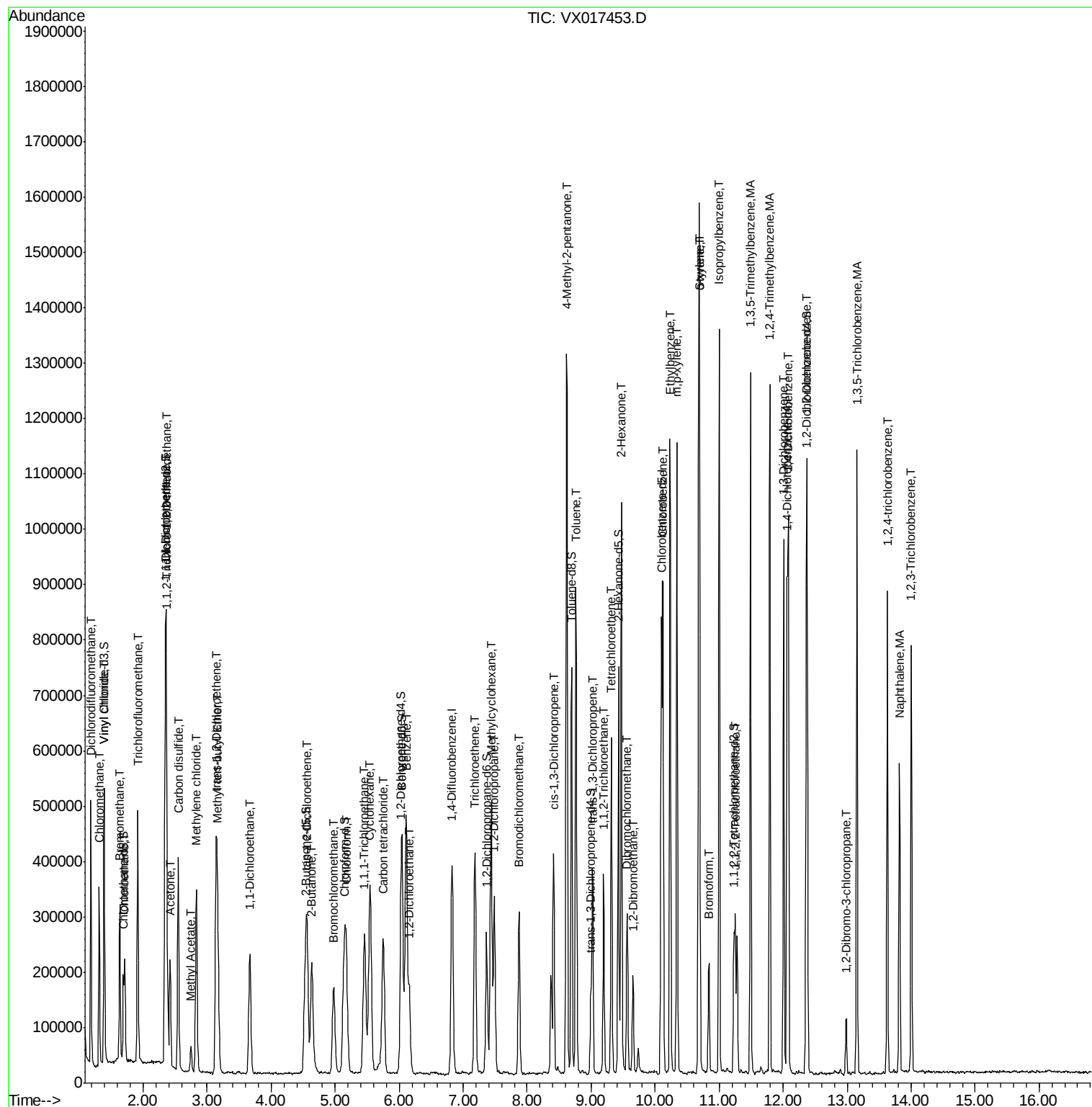
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	68158	5.108	ug/L	96
25) Chloroform	5.18	83	265434	5.126	ug/L	96
27) 1,2-Dichloroethane	6.16	62	166156	4.988	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	252085	5.398	ug/L	99
30) Cyclohexane	5.54	56	228051	6.043	ug/L	100
31) Carbon tetrachloride	5.74	117	229766	5.461	ug/L	96
33) Benzene	6.11	78	550507	5.377	ug/L	100
34) Trichloroethene	7.18	95	153491	5.557	ug/L	97
35) Methylcyclohexane	7.44	83	215543	5.767	ug/L	98
37) 1,2-Dichloropropane	7.49	63	125825	4.888	ug/L	99
38) Bromodichloromethane	7.87	83	185316	5.375	ug/L	96
39) cis-1,3-Dichloropropene	8.42	75	209427	5.633	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	772074	51.295	ug/L #	96
42) Toluene	8.76	91	554253	5.400	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	538912	5.635	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	513894	5.427	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	172819	5.397	ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	93728	5.322	ug/L	96
49) Tetrachloroethene	9.32	164	118350	5.274	ug/L	97
50) 2-Hexanone	9.47	43	540355	49.181	ug/L #	88
51) Dibromochloromethane	9.56	129	126675	5.232	ug/L	98
52) 1,2-Dibromoethane	9.65	107	90781	5.201	ug/L	100
53) Chlorobenzene	10.12	112	387937	5.554	ug/L	99
54) Ethylbenzene	10.23	91	618714	5.558	ug/L	99
55) m,p-xylene	10.34	106	253644	5.707	ug/L	97
56) o-xylene	10.68	106	238313	5.527	ug/L	98
57) Styrene	10.70	104	394529	5.494	ug/L	98
58) Isopropylbenzene	11.00	105	652234	5.853	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	105002	5.010	ug/L	98
62) Bromoform	10.84	173	74657	5.473	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	311498	5.683	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	297818	5.519	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	281873	5.552	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	19834	4.438	ug/L	95
68) 1,3,5-Trichlorobenzene	13.15	180	268752	5.821	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	203098	6.020	ug/L	99
70) Naphthalene	13.82	128	336879	5.690	ug/L	100
71) 1,2,3-Trichlorobenzene	14.01	180	188343	6.038	ug/L	99

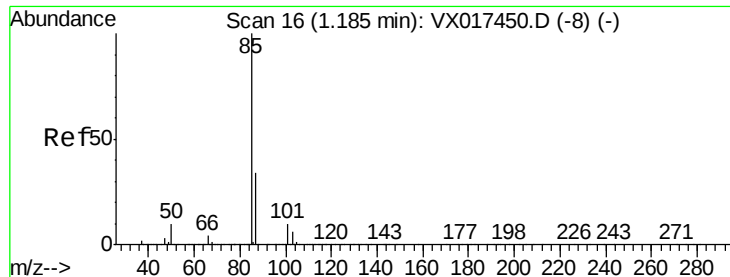
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.710 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampled :

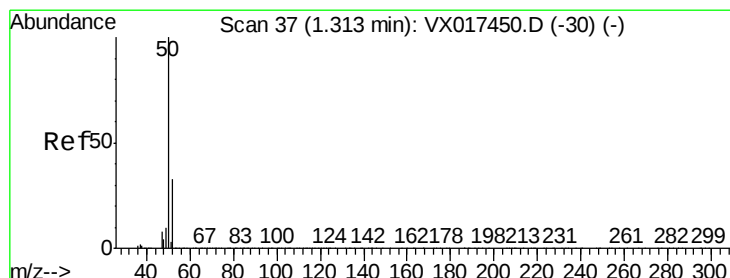
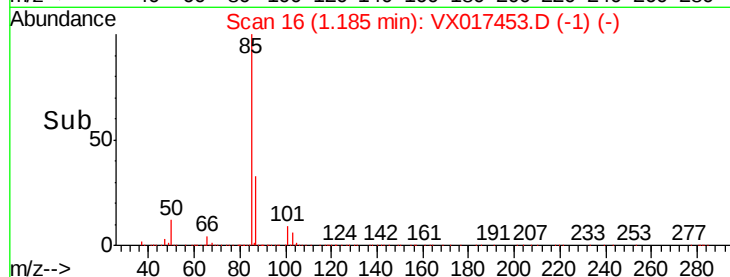
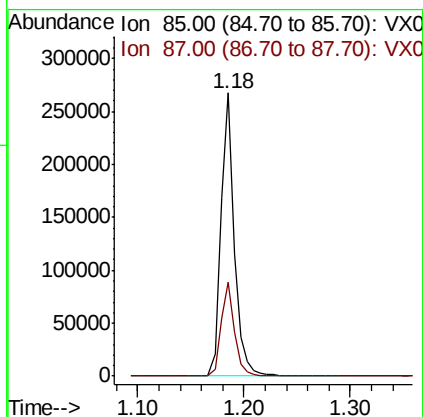
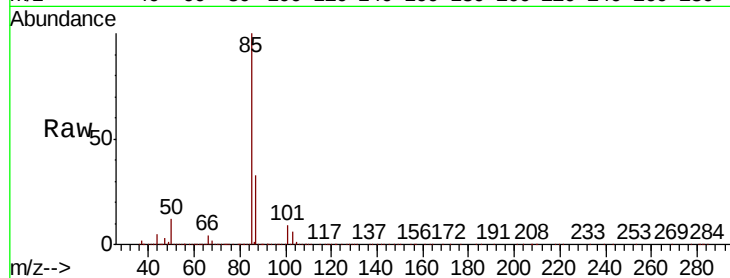
VICV66

Tot Ion: 85 Resp: 233351

Ion Ratio Lower Upper

85 100

87 33.3 26.1 39.1



#3

Chloromethane

Concen: 4.970 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017453.D

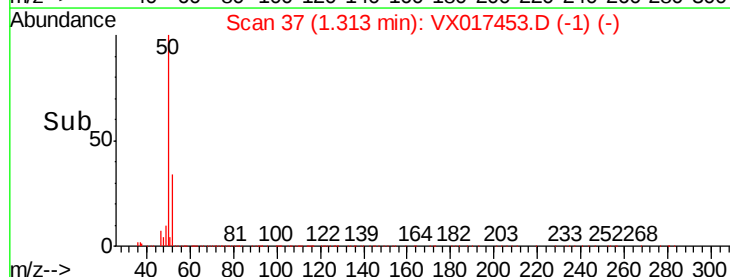
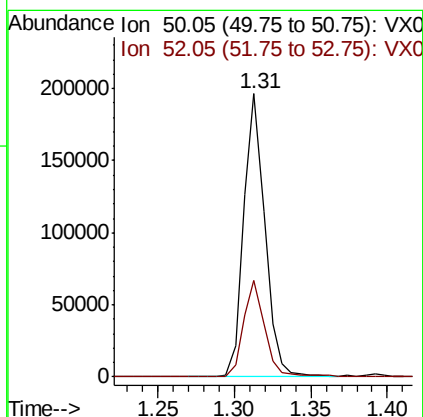
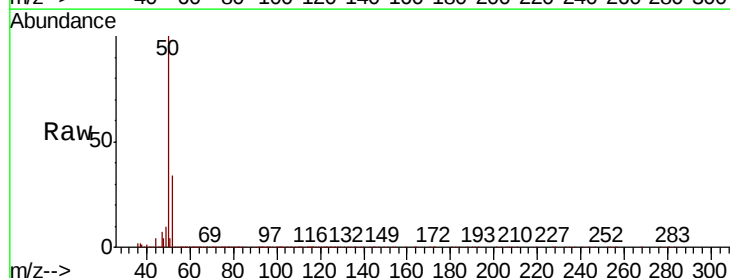
Acq: 21 Jul 2020 13:34

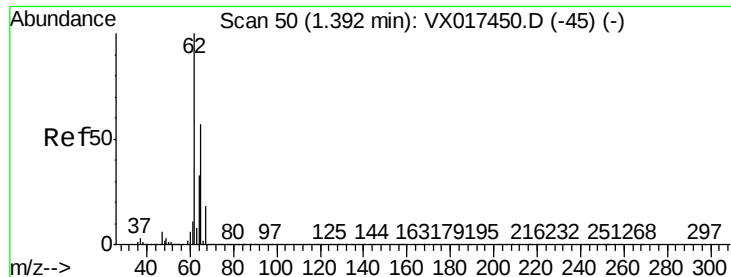
Tgt Ion: 50 Resp: 188949

Ion Ratio Lower Upper

50 100

52 34.3 23.2 43.2





#5

Vinyl chloride

Concen: 5.219 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

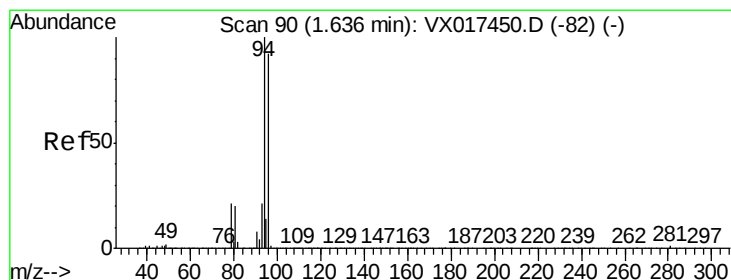
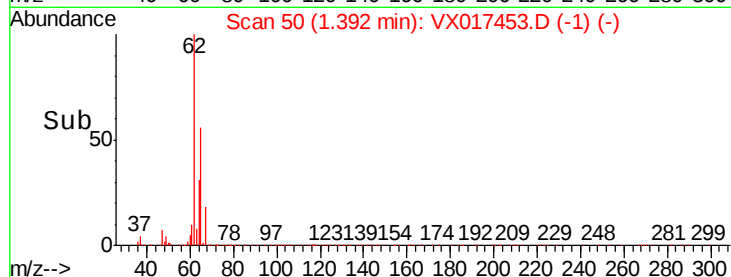
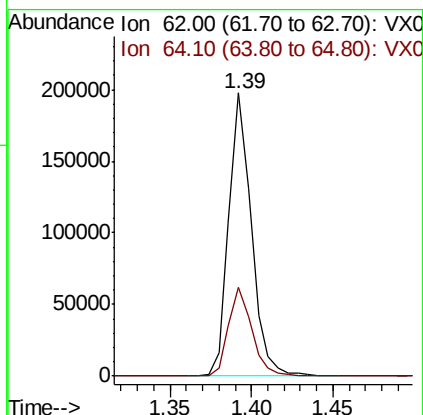
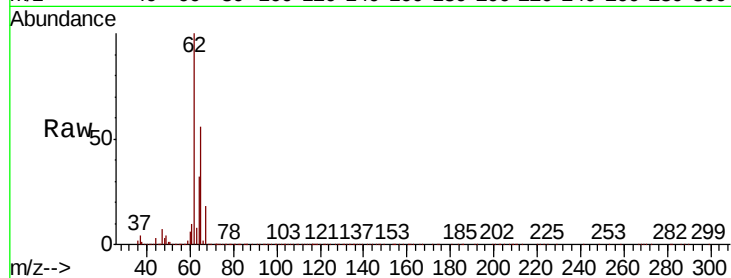
VICV66

Tot Ion: 62 Resp: 189231

Ion Ratio Lower Upper

62 100

64 31.5 23.2 43.2



#6

Bromomethane

Concen: 4.809 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX017453.D

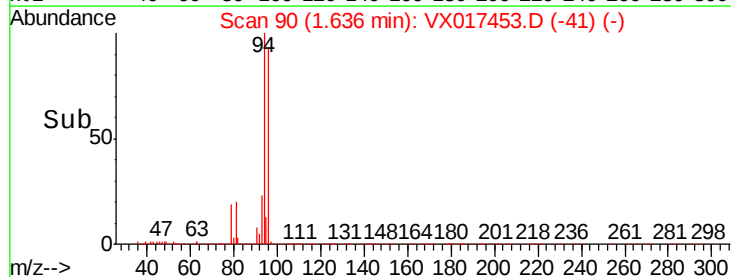
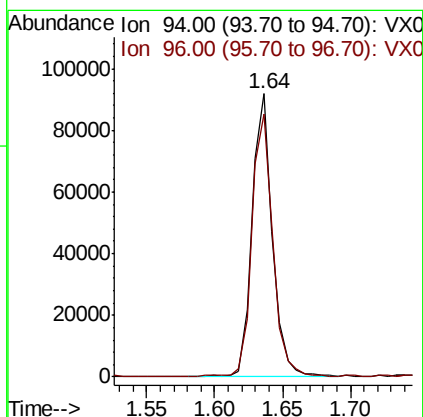
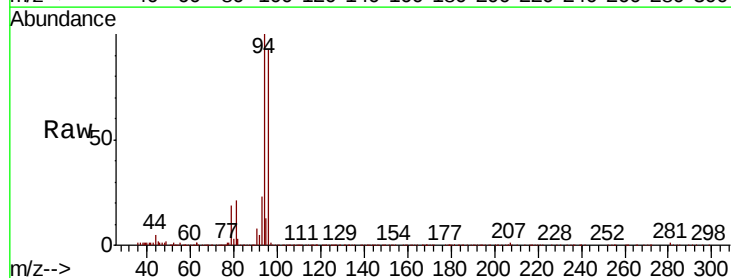
Acq: 21 Jul 2020 13:34

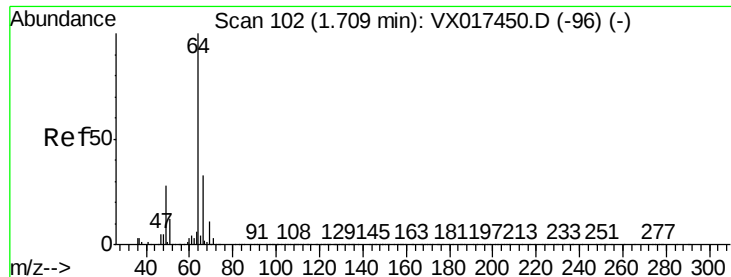
Tgt Ion: 94 Resp: 94700

Ion Ratio Lower Upper

94 100

96 92.9 64.8 120.4

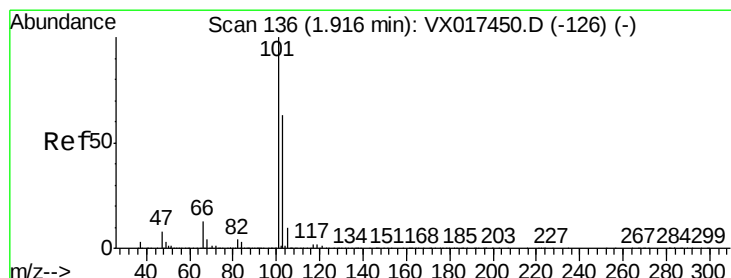
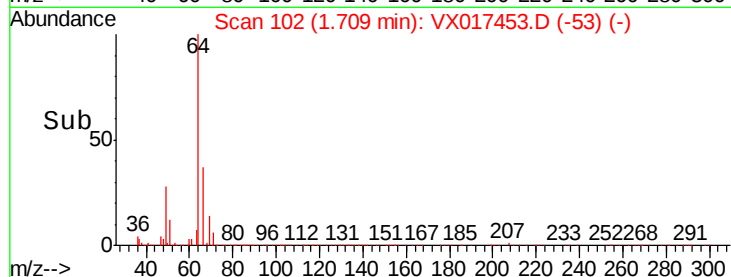
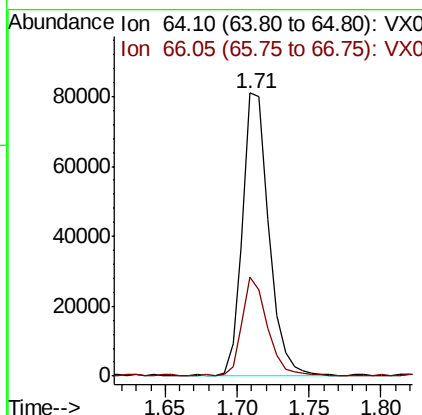
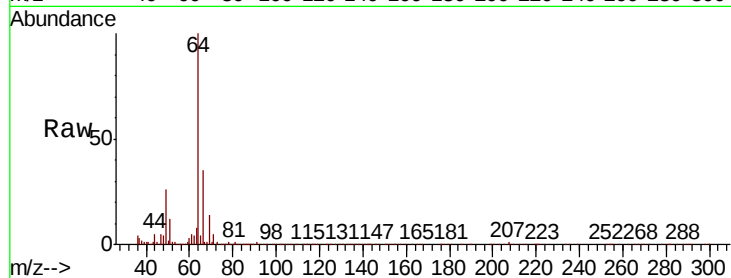




#8
Chloroethane
Concen: 5.172 ug/L
RT: 1.71 min Scan# 102
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

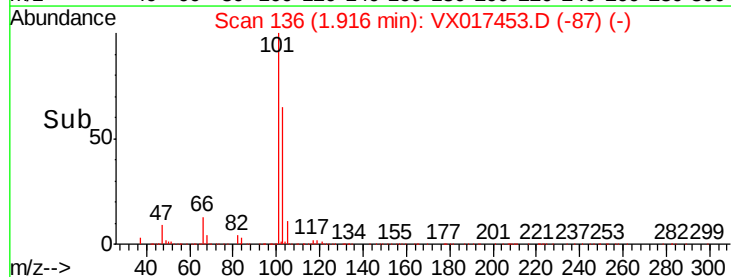
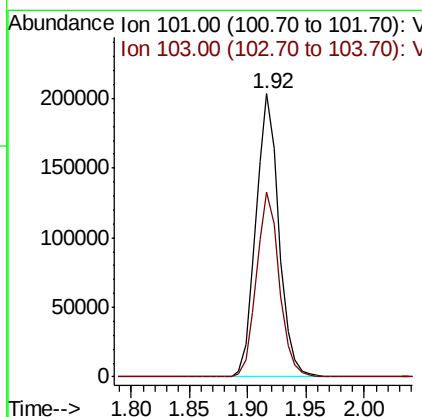
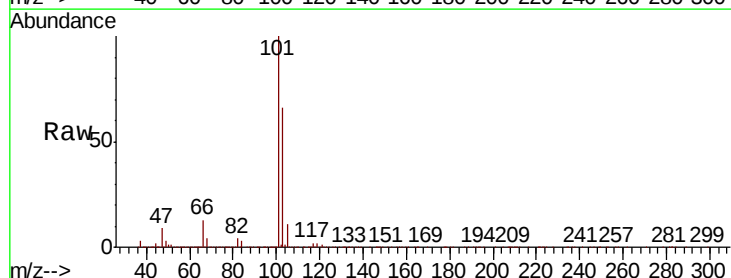
Instrument :
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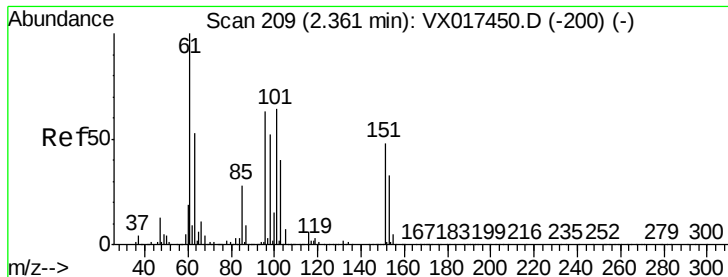
Tot Ion: 64 Resp: 102916
Ion Ratio Lower Upper
64 100
66 35.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.395 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 101 Resp: 280912
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2





#10

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

Concen: 5.209 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

VICV66

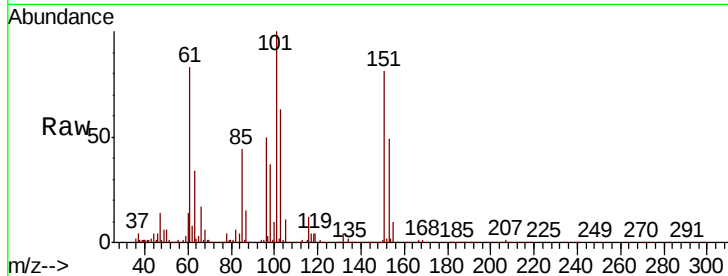
Tot Ion:101 Resp: 147211

Ion Ratio Lower Upper

101 100

85 43.6 35.3 52.9

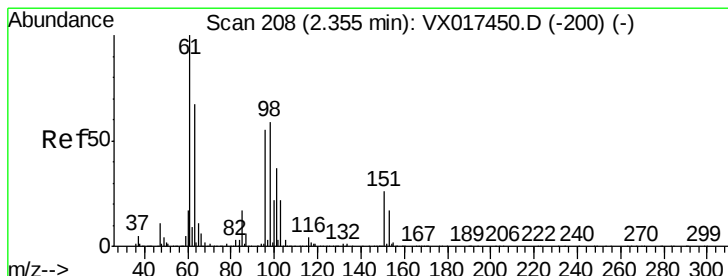
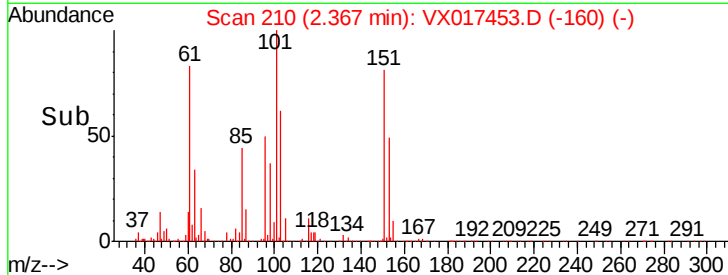
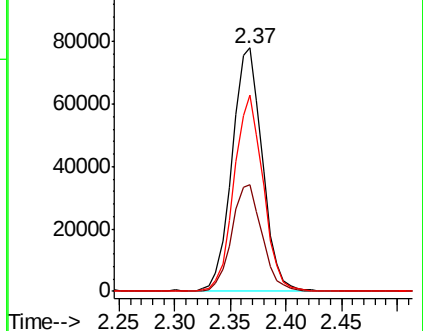
151 77.7 62.3 93.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.931 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

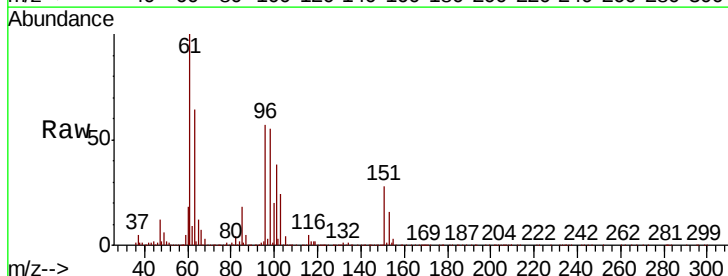
Tgt Ion: 96 Resp: 129698

Ion Ratio Lower Upper

96 100

61 176.7 126.5 234.9

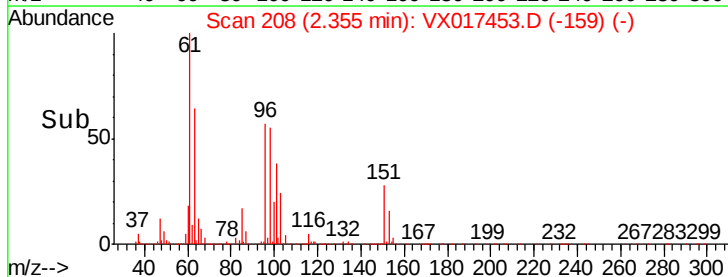
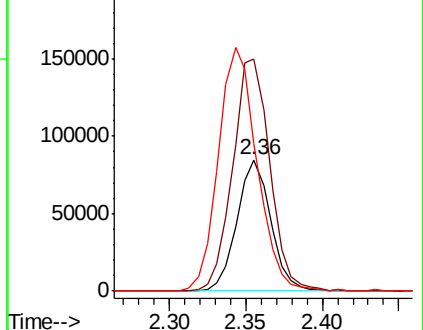
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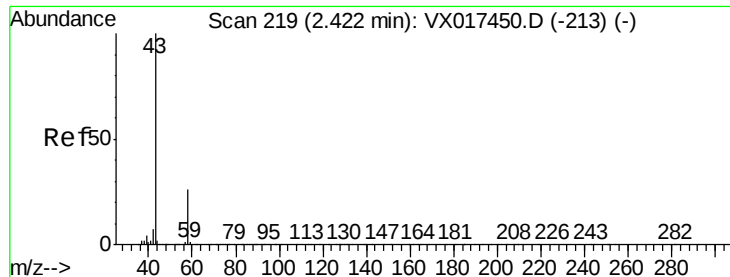


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 47.243 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

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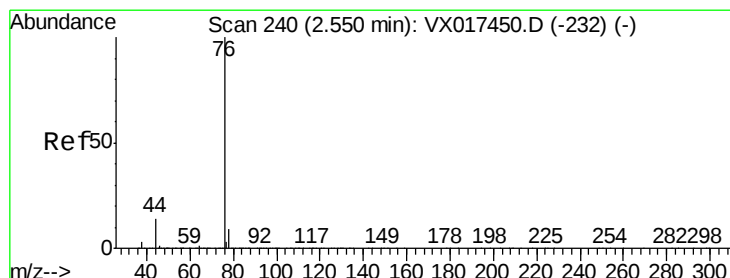
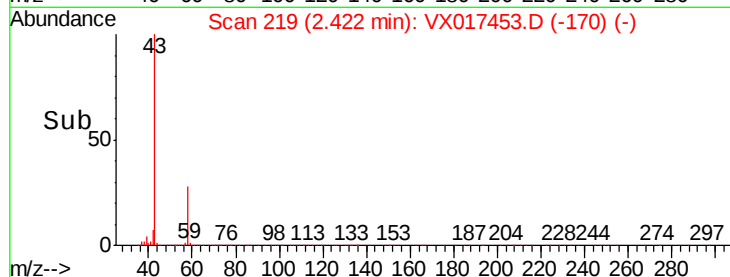
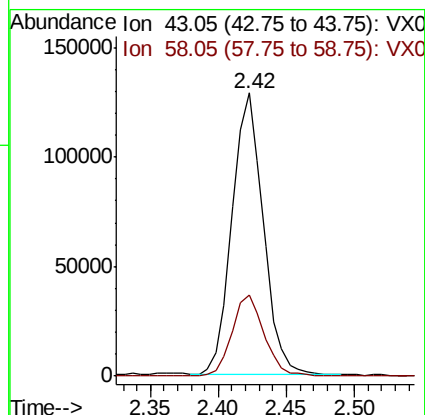
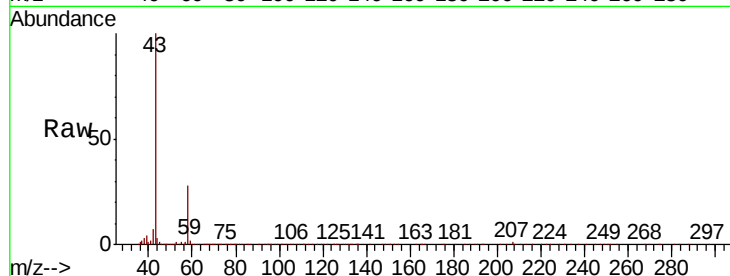
VICV66

Tot Ion: 43 Resp: 205898

Ion Ratio Lower Upper

43 100

58 29.0 0.0 58.6



#14

Carbon disulfide

Concen: 5.122 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017453.D

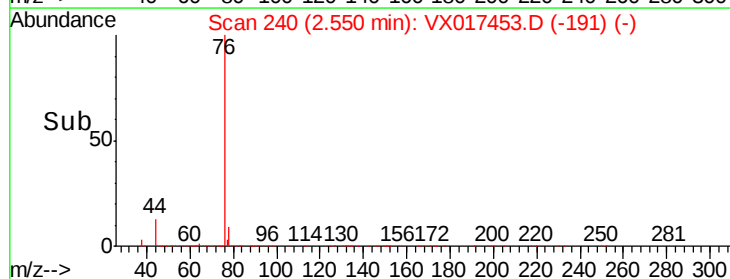
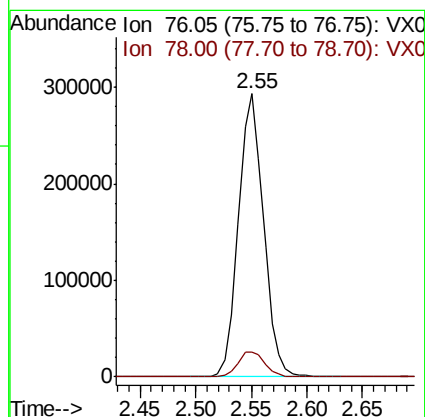
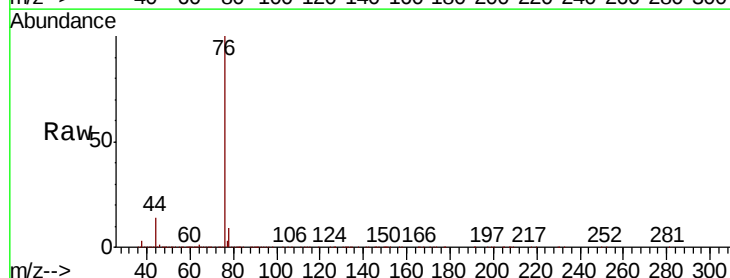
Acq: 21 Jul 2020 13:34

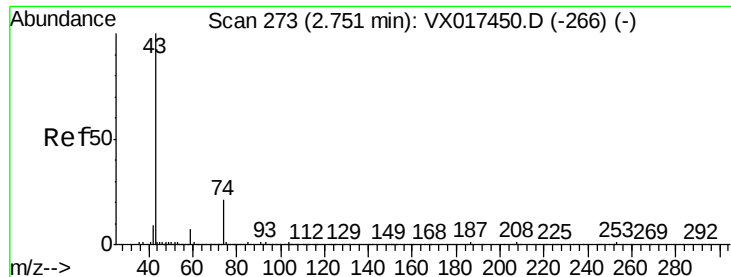
Tgt Ion: 76 Resp: 457097

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 4.391 ug/L

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

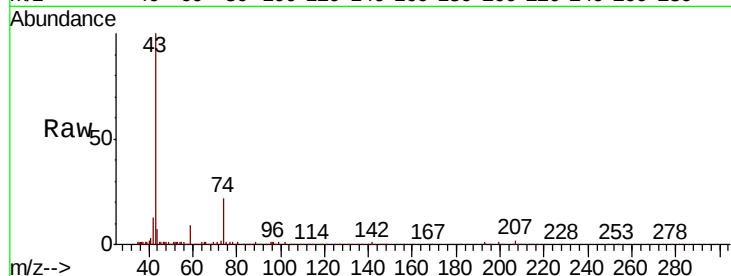
VICV66

Tot Ion: 43 Resp: 55704

Ion Ratio Lower Upper

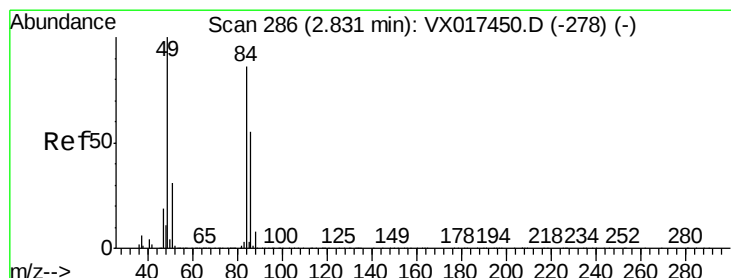
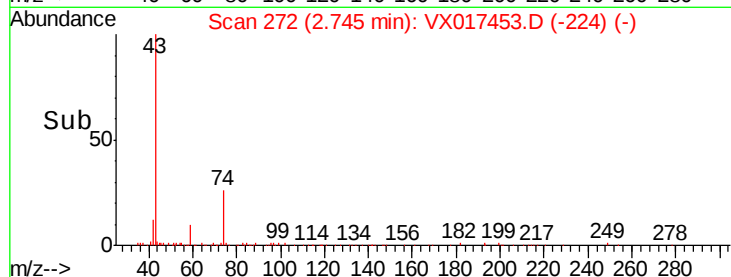
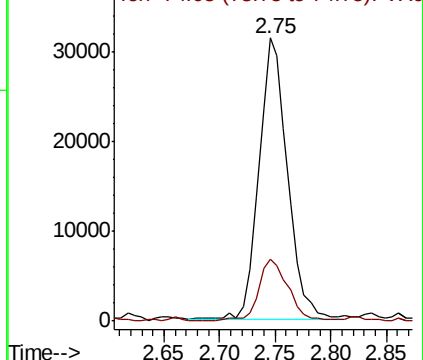
43 100

74 23.4 17.6 26.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0



#16

Methylene chloride

Concen: 4.106 ug/L

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

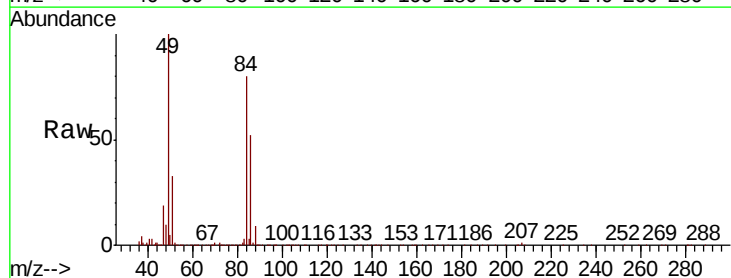
Tgt Ion: 84 Resp: 148377

Ion Ratio Lower Upper

84 100

86 64.9 44.8 83.2

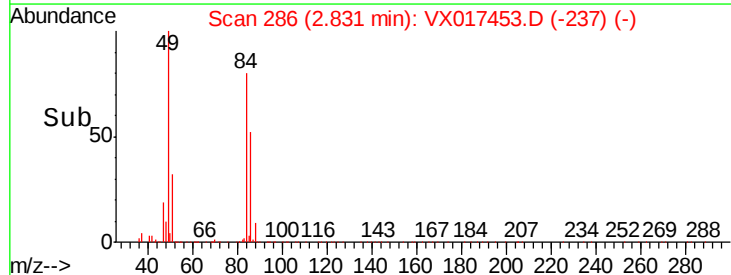
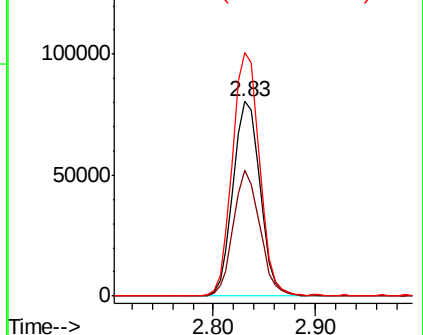
49 125.0 81.0 150.4

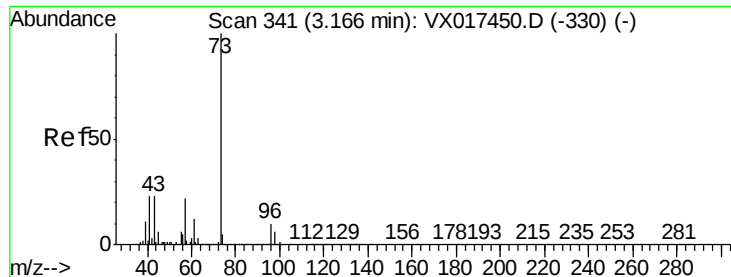


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

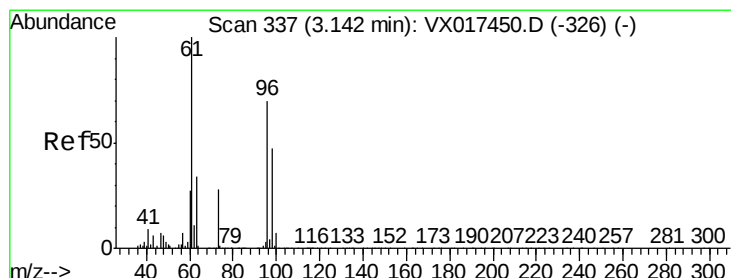
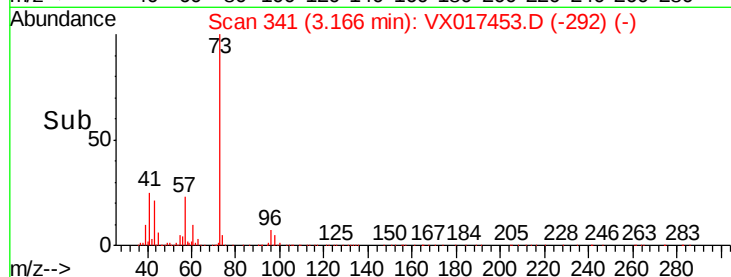
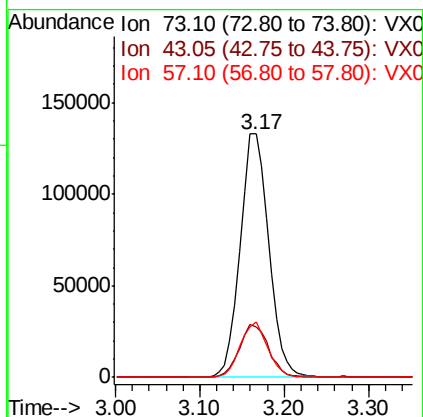
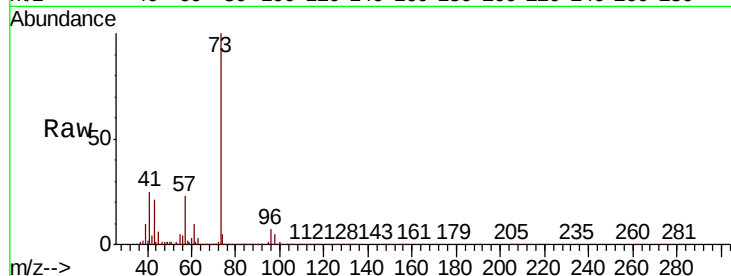




#17
Methvl tert-butvl Ether
Concen: 4.832 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

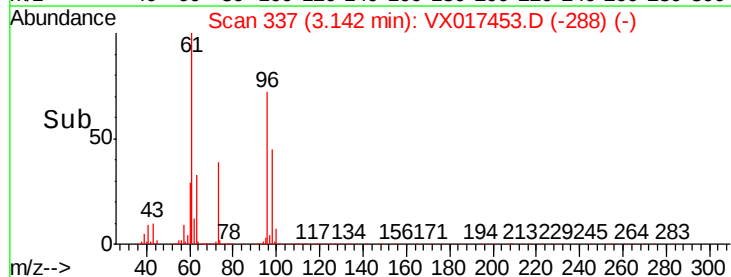
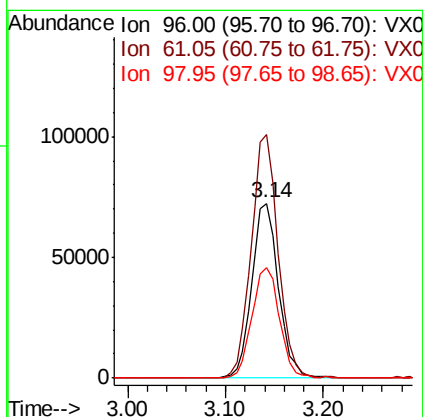
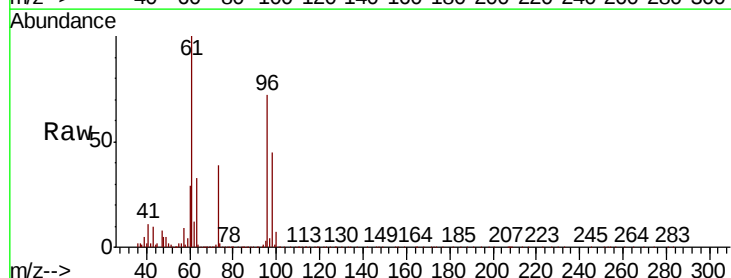
Instrument :
MSVOA_X
ClientSampleId :
VICV66

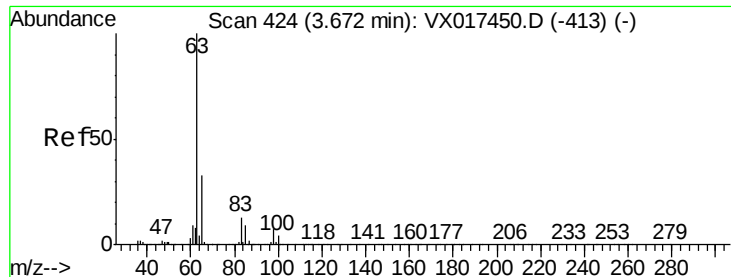
Tot Ion: 73 Resp: 302688
Ion Ratio Lower Upper
73 100
43 22.6 17.8 26.6
57 21.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.924 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 96 Resp: 137884
Ion Ratio Lower Upper
96 100
61 139.1 99.8 185.4
98 62.9 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.004 ug/L

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

VICV66

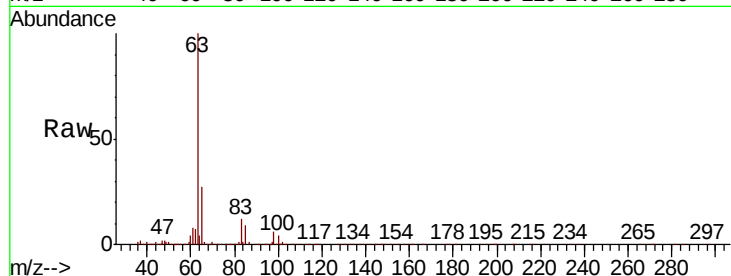
Tot Ion: 63 Resp: 246776

Ion Ratio Lower Upper

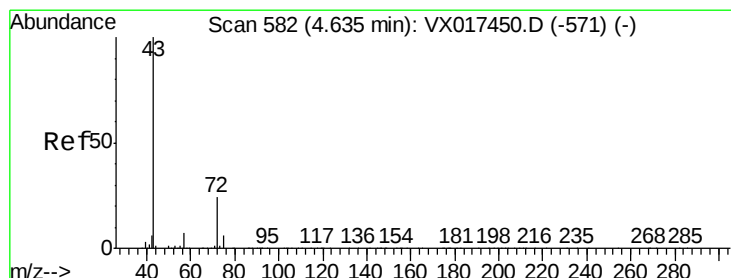
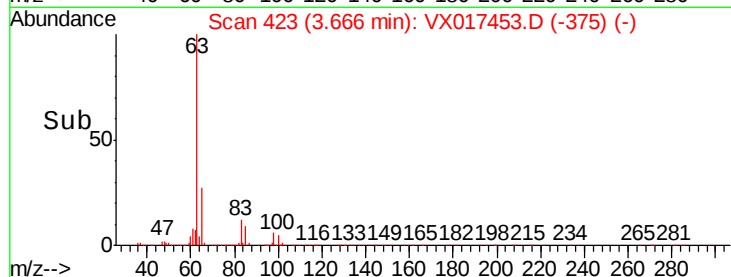
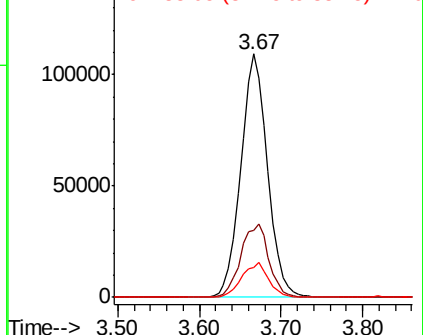
63 100

65 27.3 23.2 43.2

83 12.1 9.4 17.4



Abundance Ion 63.10 (62.80 to 63.80): VX0
Ion 65.10 (64.80 to 65.80): VX0
Ion 83.05 (82.75 to 83.75): VX0



#21

2-Butanone

Concen: 47.457 ug/L

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017453.D

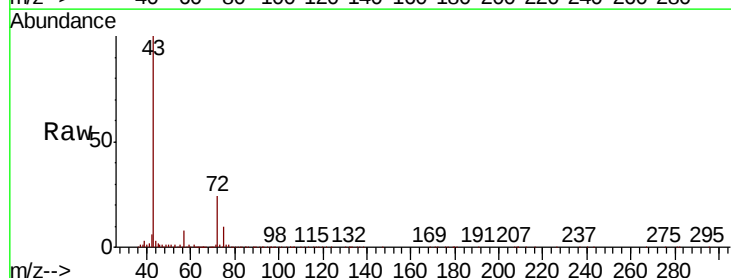
Acq: 21 Jul 2020 13:34

Tgt Ion: 43 Resp: 329472

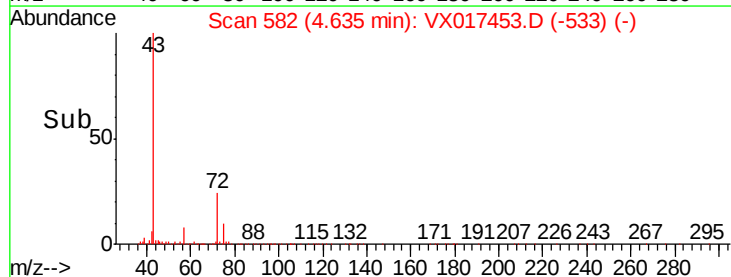
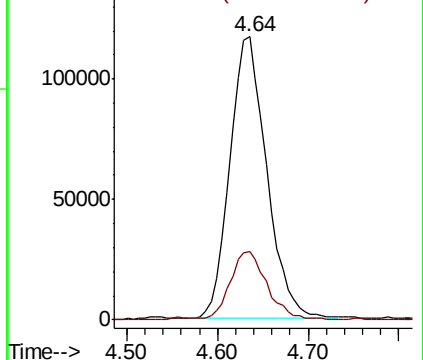
Ion Ratio Lower Upper

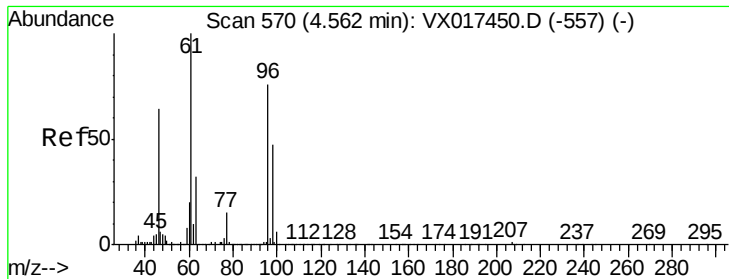
43 100

72 23.9 12.1 36.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



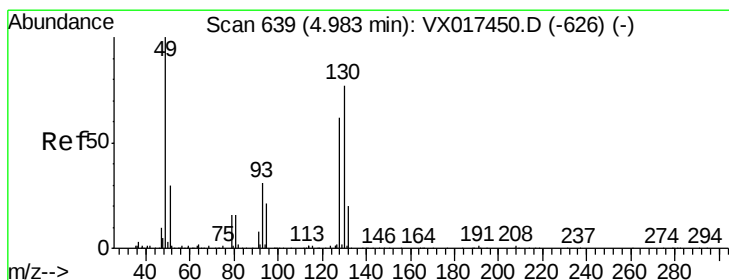
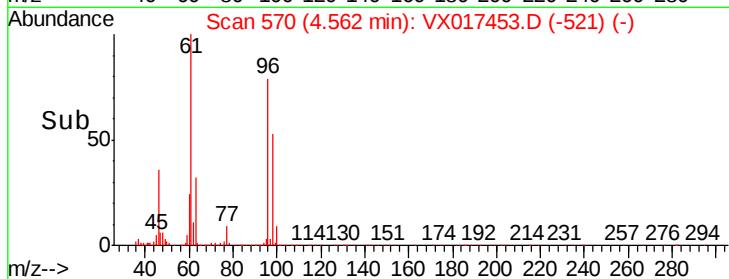
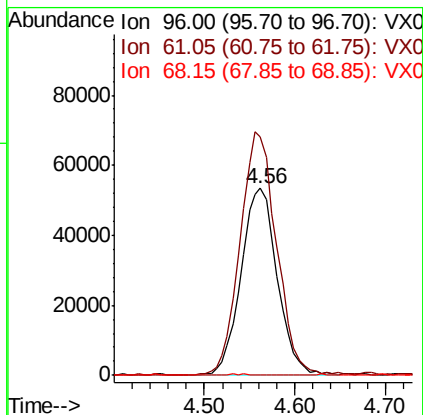


#22

cis-1,2-Dichloroethene
 Concen: 5.350 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX017453.D
 Acq: 21 Jul 2020 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV66

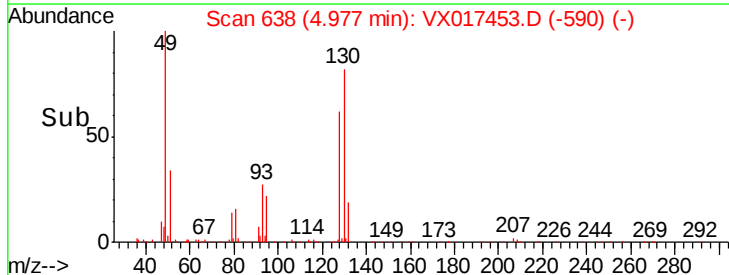
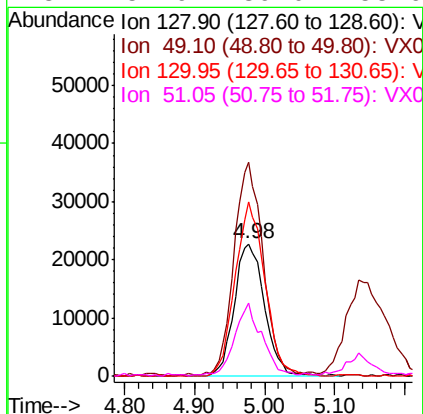
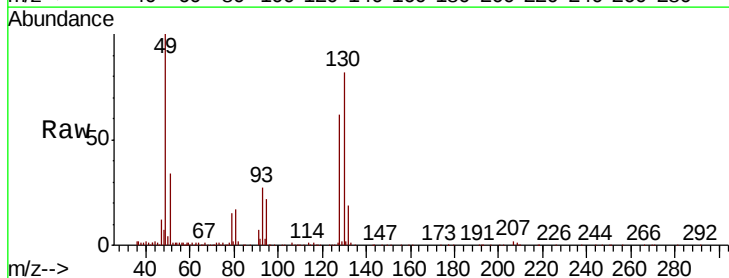
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.3	91.6	170.2
68	0.4	0.0	0.0#

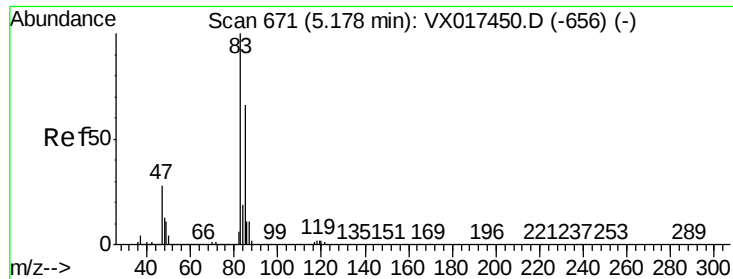


#23

Bromochloromethane
 Concen: 5.108 ug/L
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017453.D
 Acq: 21 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
128	100		
49	161.9	113.3	210.3
130	132.4	87.3	162.1
51	54.9	39.0	58.6





#25

Chloroform

Concen: 5.126 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

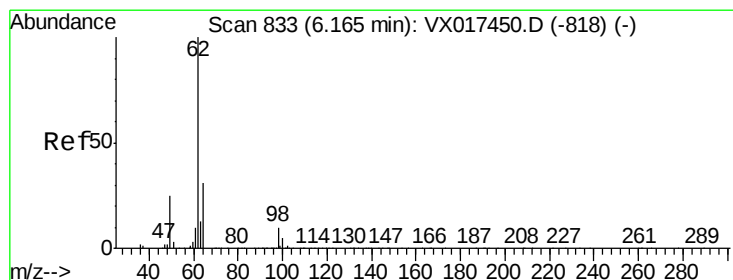
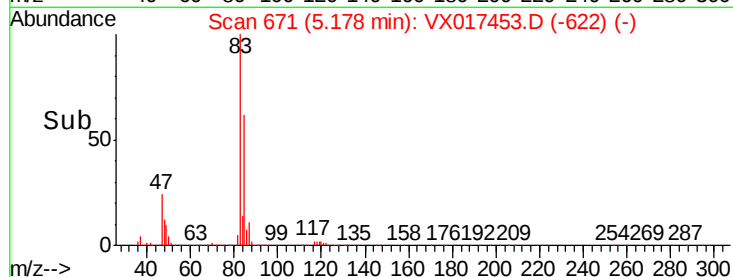
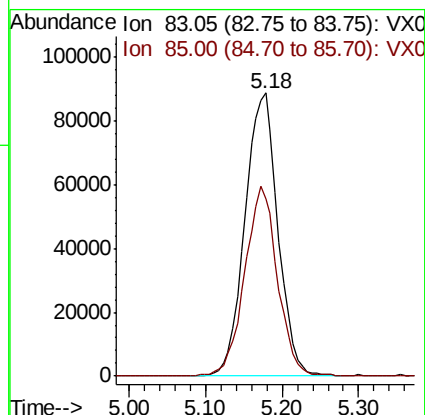
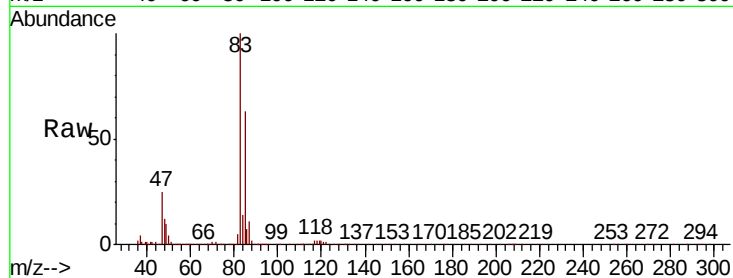
VICV66

Tot Ion: 83 Resp: 265434

Ion Ratio Lower Upper

83 100

85 62.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 4.988 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017453.D

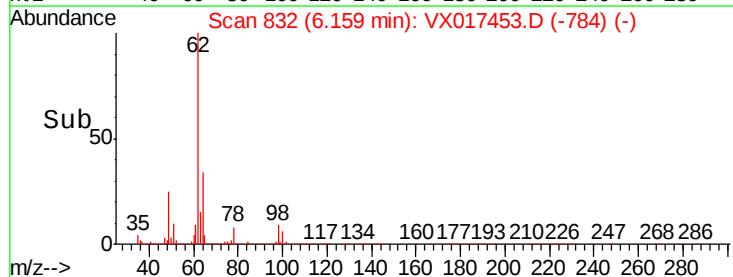
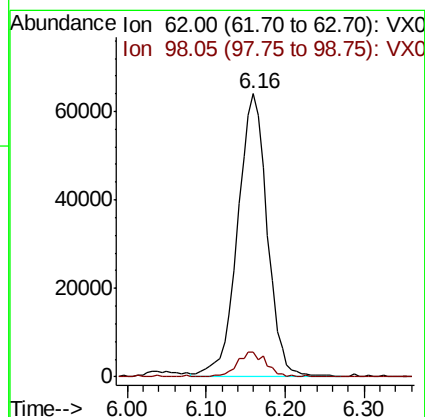
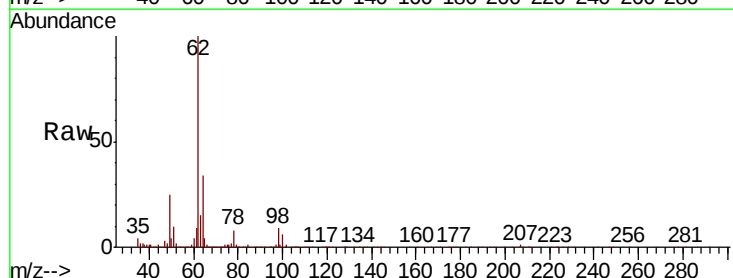
Acq: 21 Jul 2020 13:34

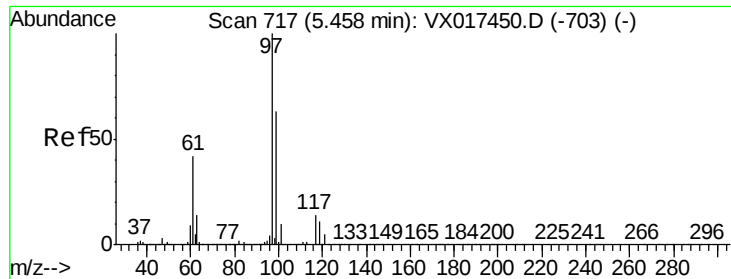
Tgt Ion: 62 Resp: 166156

Ion Ratio Lower Upper

62 100

98 8.6 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.398 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampled :

VICV66

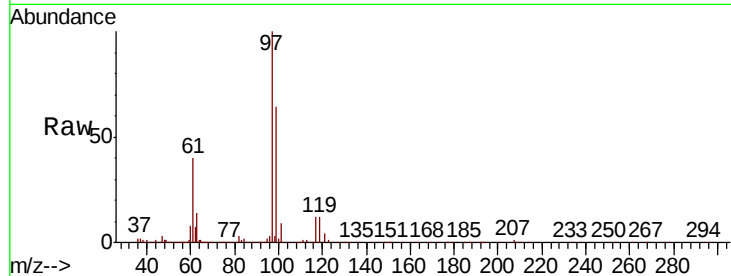
Tot Ion: 97 Resp: 252085

Ion Ratio Lower Upper

97 100

99 65.1 53.0 79.4

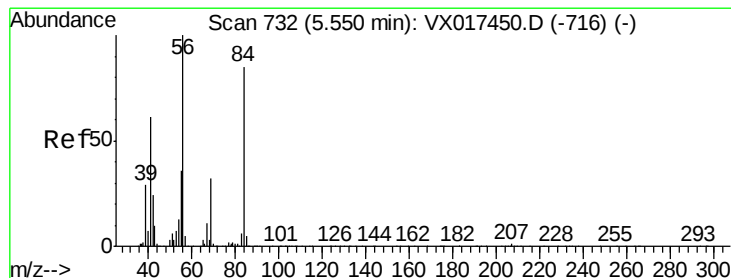
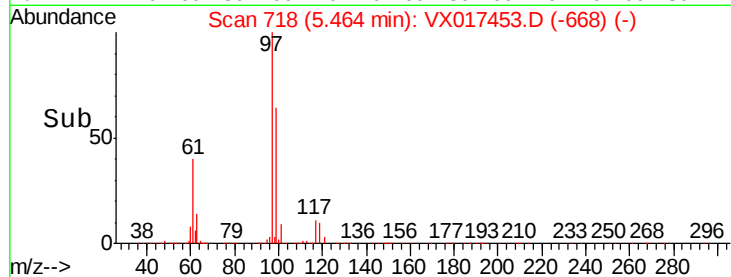
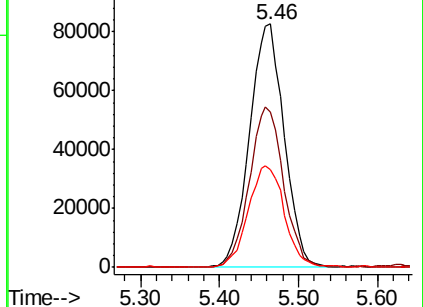
61 43.1 35.2 52.8



Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 61.05 (60.75 to 61.75): VX0



#30

Cyclohexane

Concen: 6.043 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

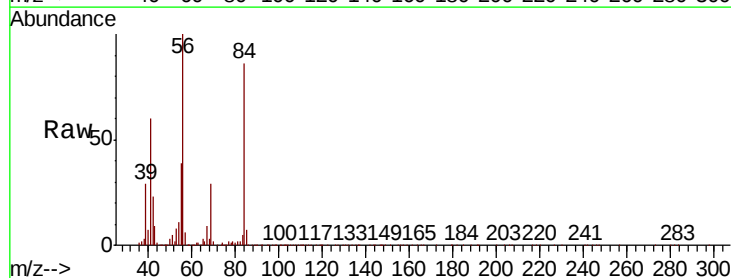
Tgt Ion: 56 Resp: 228051

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

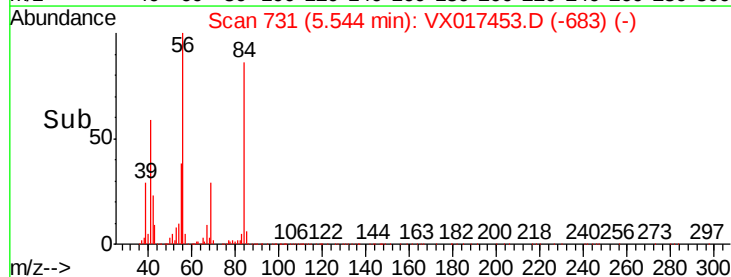
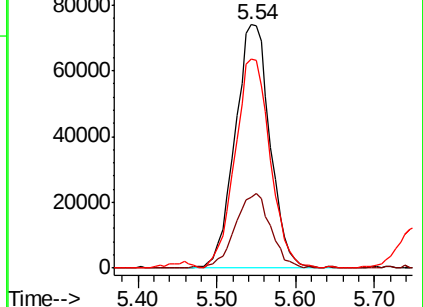
84 86.4 69.3 103.9

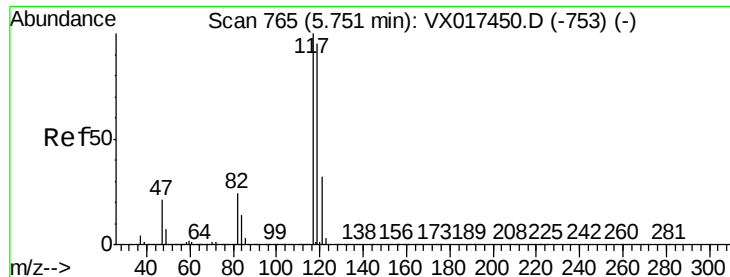


Abundance Ion 56.10 (55.80 to 56.80): VX0

Ion 69.15 (68.85 to 69.85): VX0

Ion 84.15 (83.85 to 84.85): VX0





#31

Carbon tetrachloride

Concen: 5.461 ug/L

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

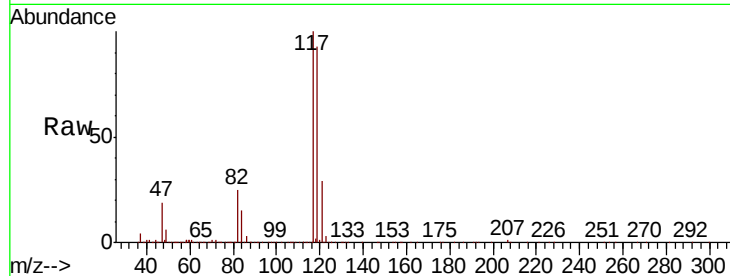
VICV66

Tot Ion:117 Resp: 229766

Ion Ratio Lower Upper

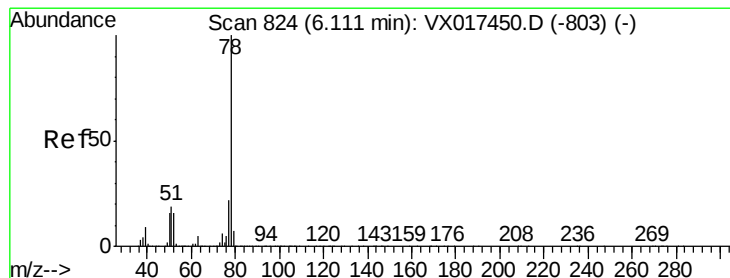
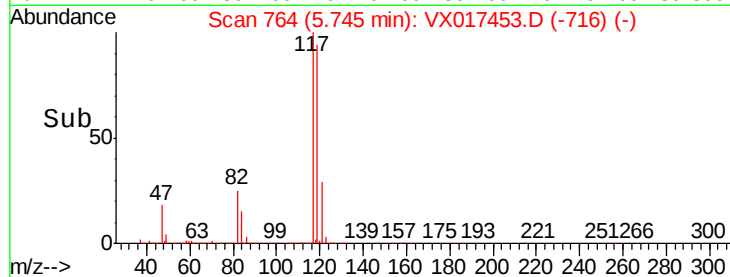
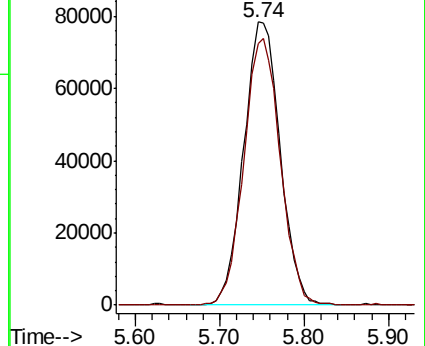
117 100

119 94.2 78.5 117.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.377 ug/L

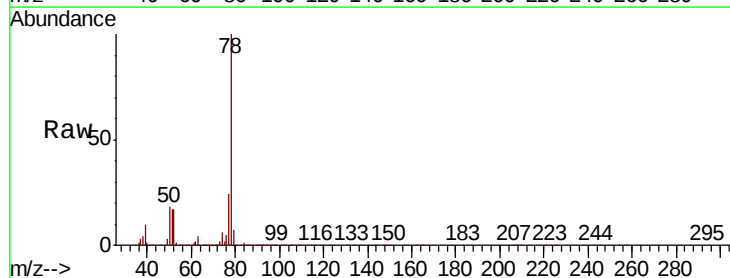
RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

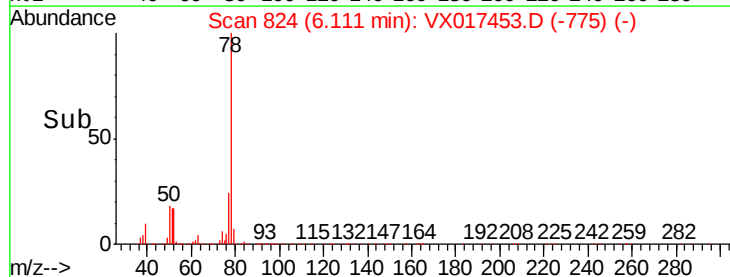
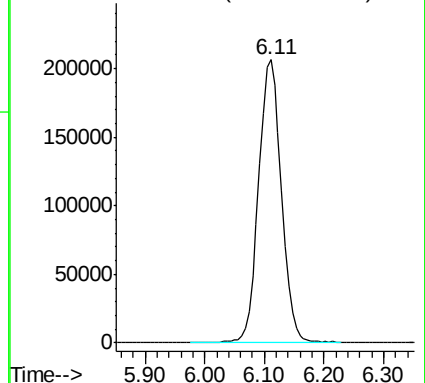
Lab File: VX017453.D

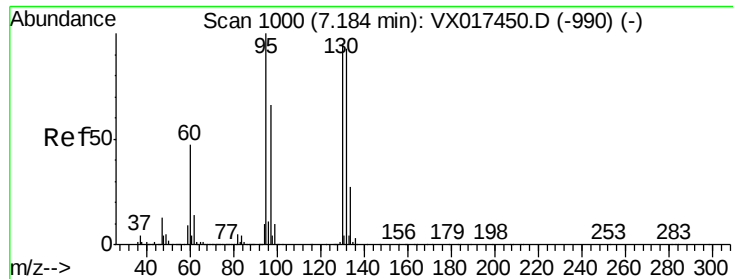
Acq: 21 Jul 2020 13:34

Tgt Ion: 78 Resp: 550507



Abundance Ion 78.10 (77.80 to 78.80): VX0

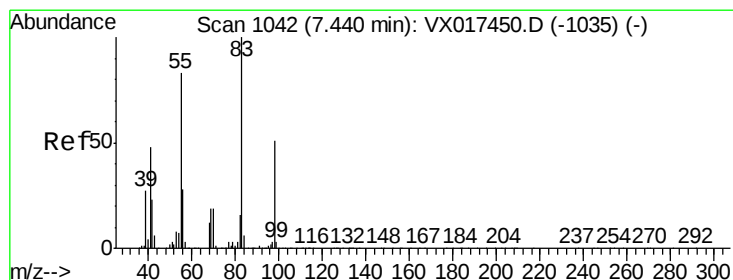
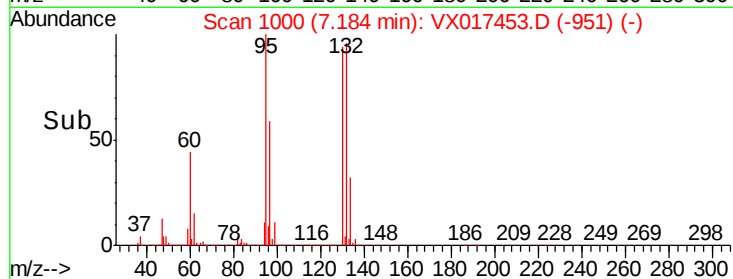
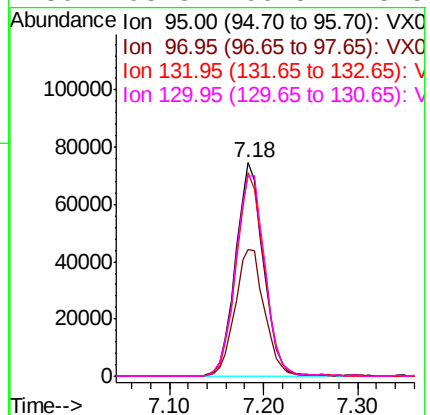
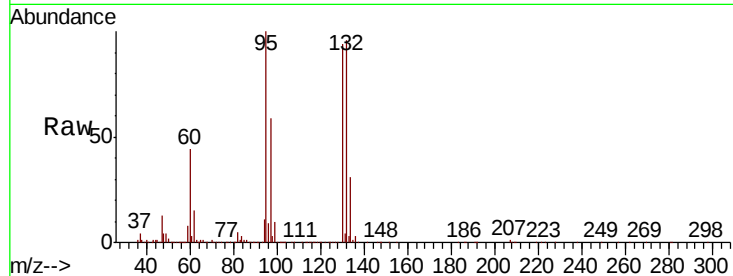




#34
 Trichloroethene
 Concen: 5.557 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX017453.D
 Acq: 21 Jul 2020 13:34

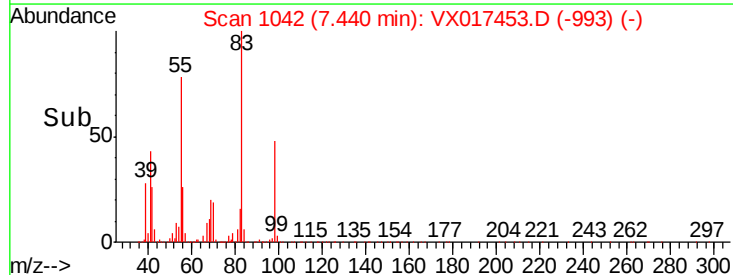
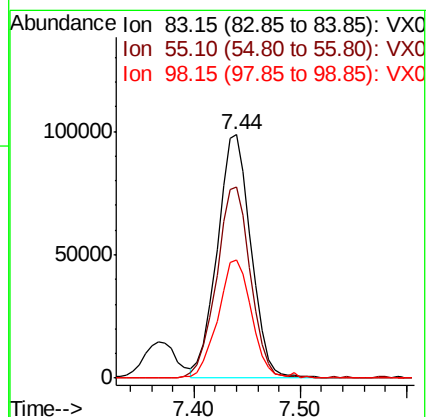
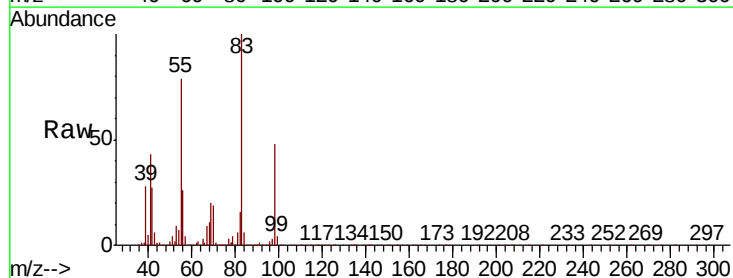
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV66

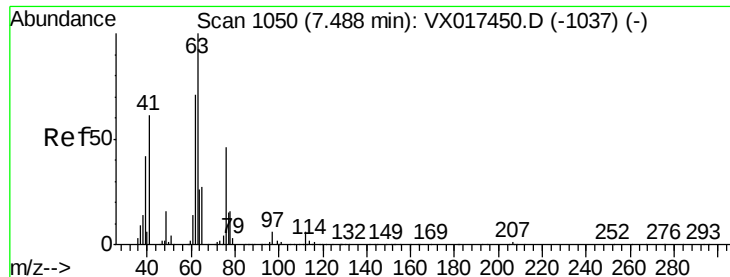
Tot Ion: 95 Resp: 153491
 Ion Ratio Lower Upper
 95 100
 97 59.1 45.9 85.3
 132 95.5 65.5 121.7
 130 93.8 66.5 123.5



#35
 Methylcyclohexane
 Concen: 5.767 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX017453.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 83 Resp: 215543
 Ion Ratio Lower Upper
 83 100
 55 79.7 65.4 98.2
 98 48.0 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.888 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

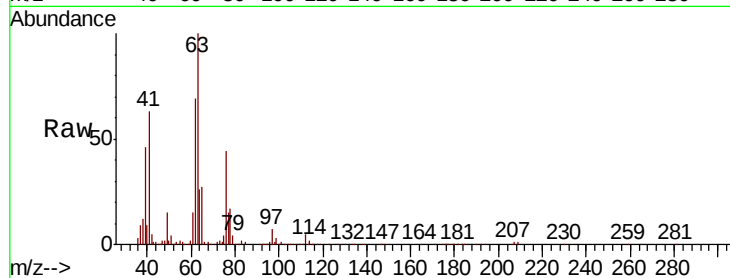
VICV66

Tot Ion: 63 Resp: 125825

Ion Ratio Lower Upper

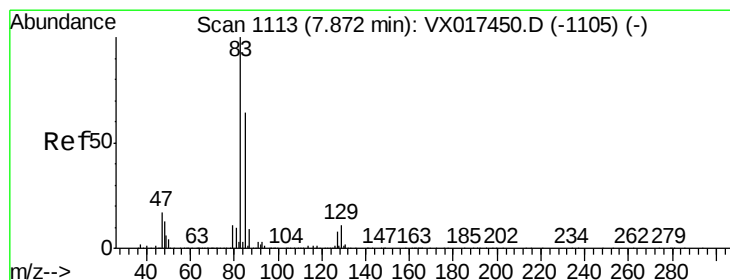
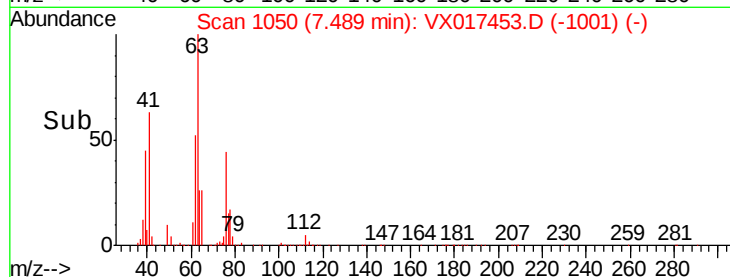
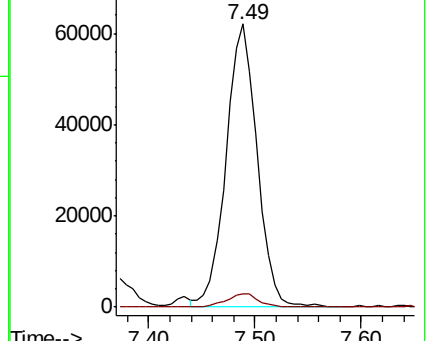
63 100

112 5.1 3.8 5.8



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V



#38

Bromodichloromethane

Concen: 5.375 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

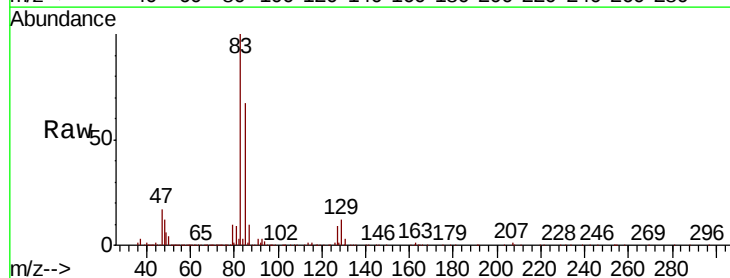
Tgt Ion: 83 Resp: 185316

Ion Ratio Lower Upper

83 100

85 66.9 44.7 83.1

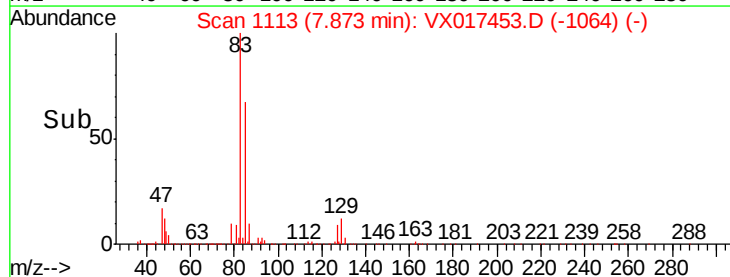
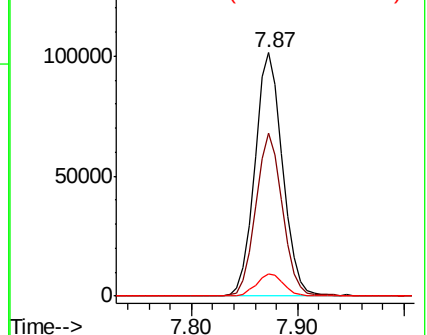
127 9.0 6.3 9.5

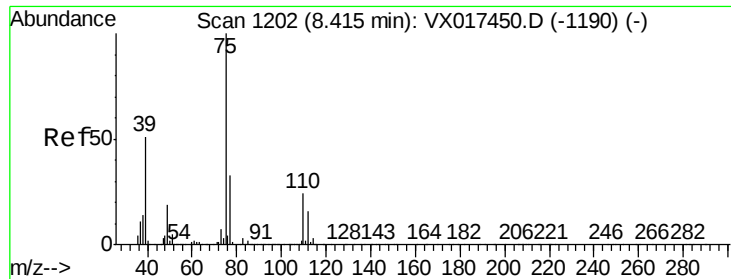


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V





#39

cis-1,3-Dichloropropene

Concen: 5.633 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampled :

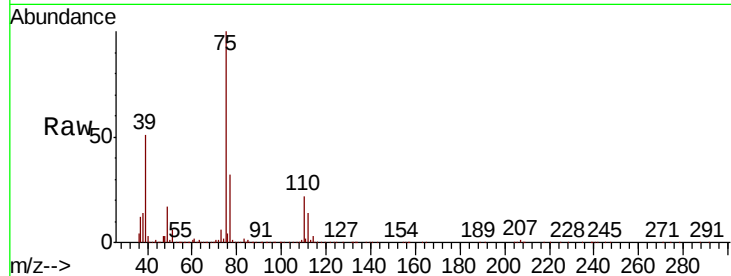
VICV66

Tot Ion: 75 Resp: 209427

Ion Ratio Lower Upper

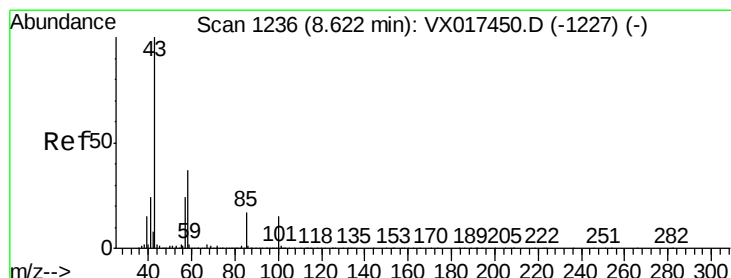
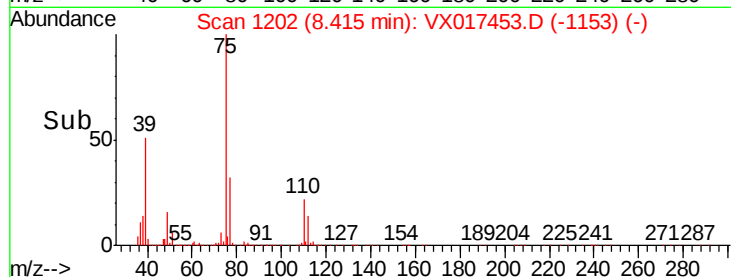
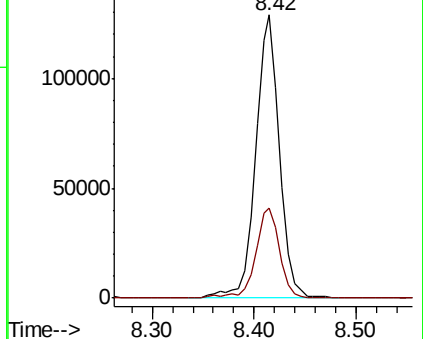
75 100

77 31.7 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#40

4-Methyl-2-pentanone

Concen: 51.295 ug/L

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

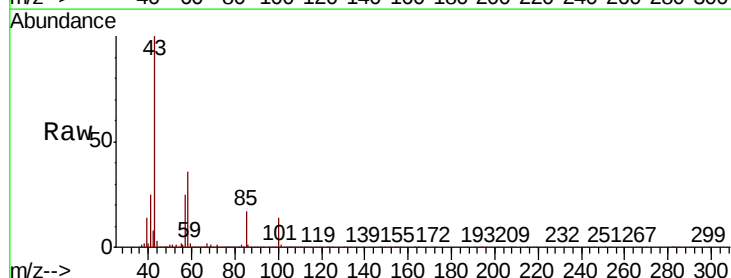
Tgt Ion: 43 Resp: 772074

Ion Ratio Lower Upper

43 100

58 37.3 30.1 45.1

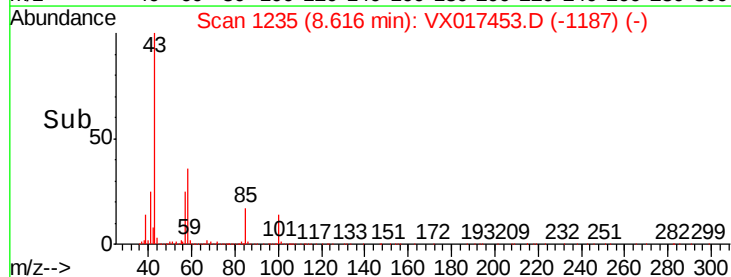
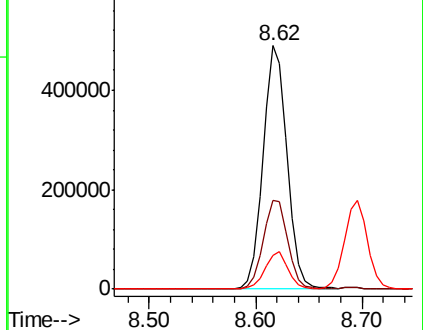
100 14.7 6.5 9.7#

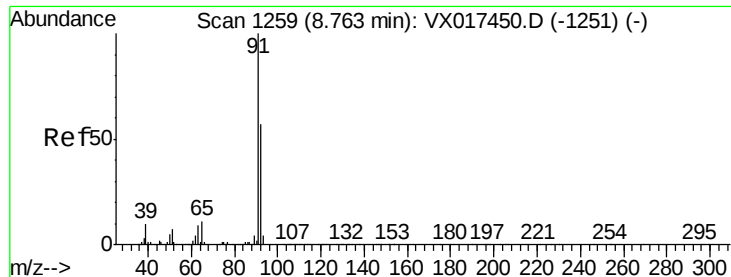


Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 100.15 (99.85 to 100.85): V





#42

Toluene

Concen: 5.400 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

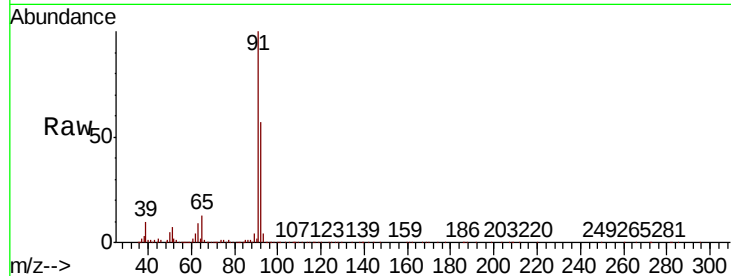
VICV66

Tot Ion: 91 Resp: 554253

Ion Ratio Lower Upper

91 100

92 56.9 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.76

400000

300000

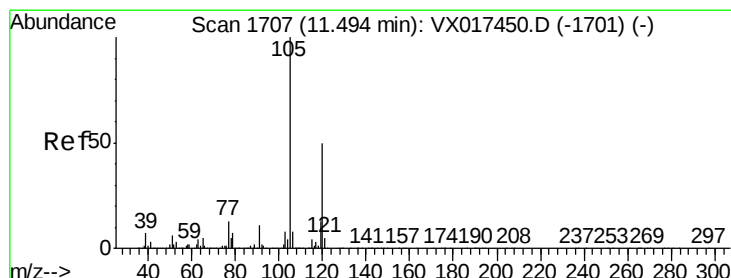
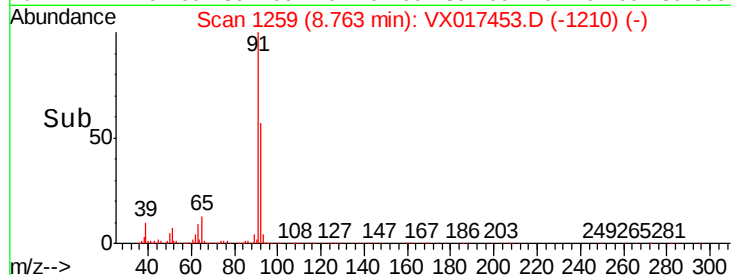
200000

100000

0

8.70 8.80 8.90

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 5.635 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017453.D

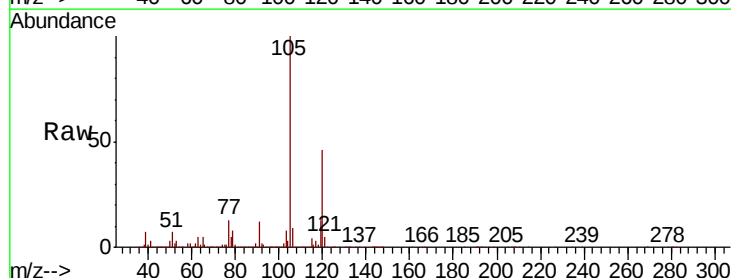
Acq: 21 Jul 2020 13:34

Tgt Ion: 105 Resp: 538912

Ion Ratio Lower Upper

105 100

120 48.5 38.2 57.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

500000

400000

300000

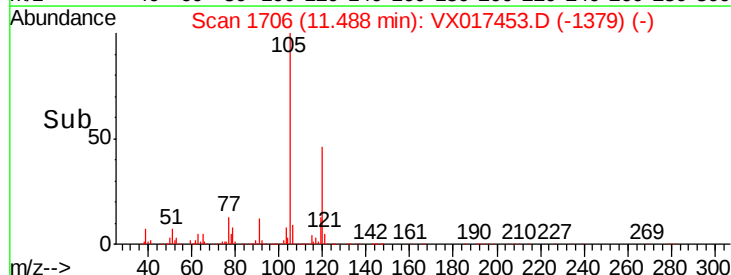
200000

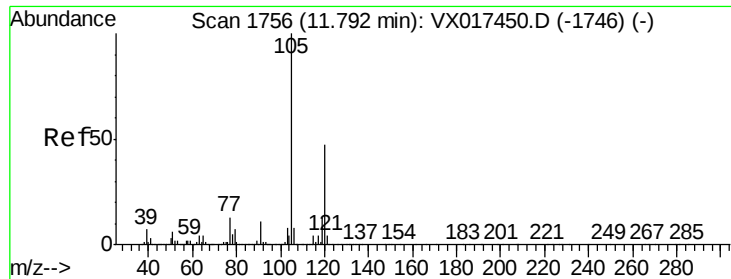
100000

0

11.40 11.45 11.50 11.55

Time-->





#44

1,2,4-Trimethylbenzene

Concen: 5.427 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

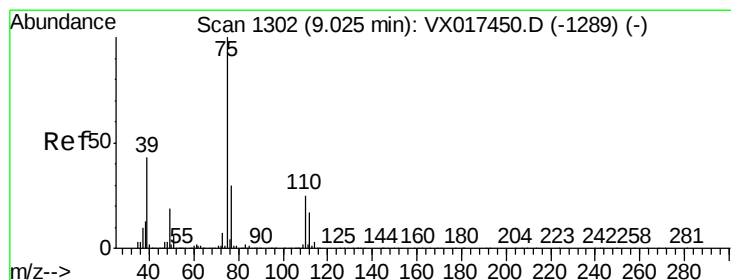
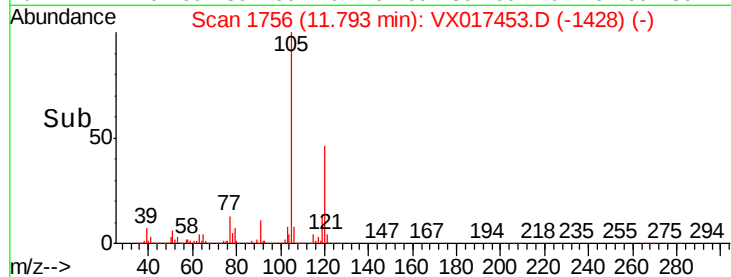
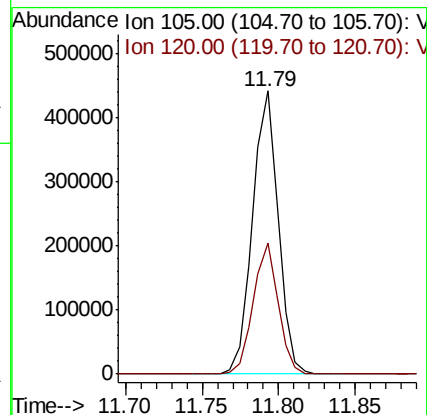
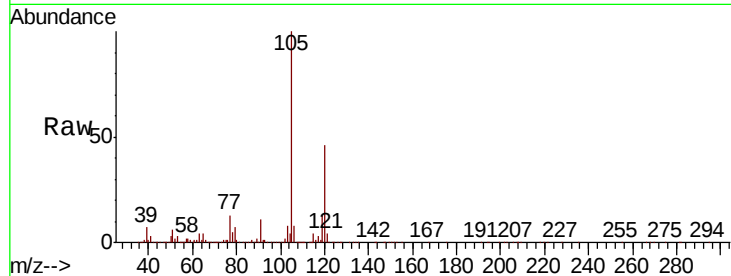
VICV66

Tot Ion:105 Resp: 513894

Ion Ratio Lower Upper

105 100

120 45.1 36.5 54.7



#46

trans-1,3-Dichloropropene

Concen: 5.397 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017453.D

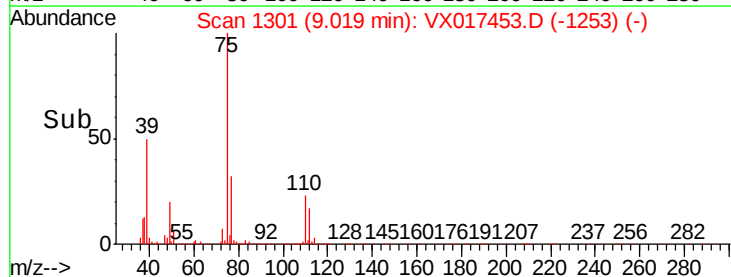
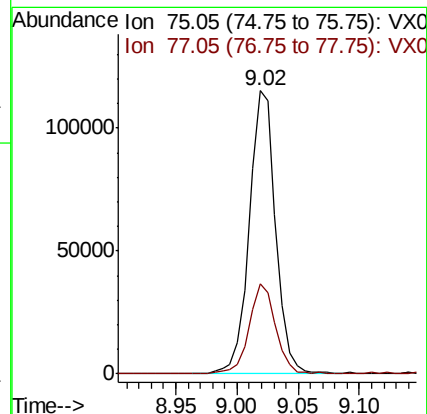
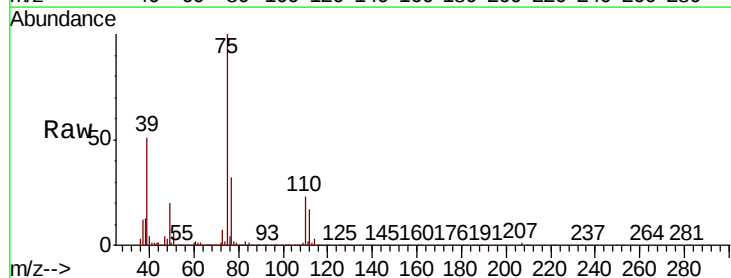
Acq: 21 Jul 2020 13:34

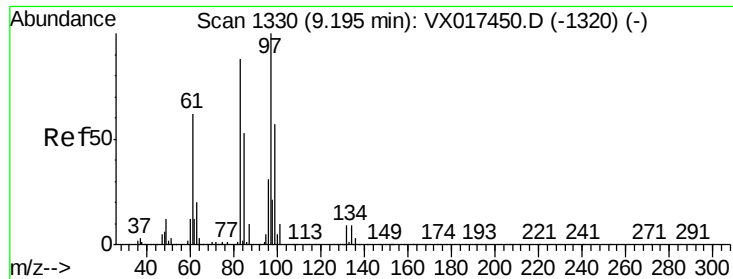
Tgt Ion: 75 Resp: 172819

Ion Ratio Lower Upper

75 100

77 31.9 21.4 39.8

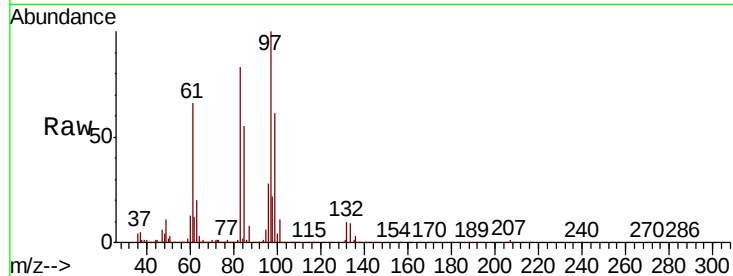




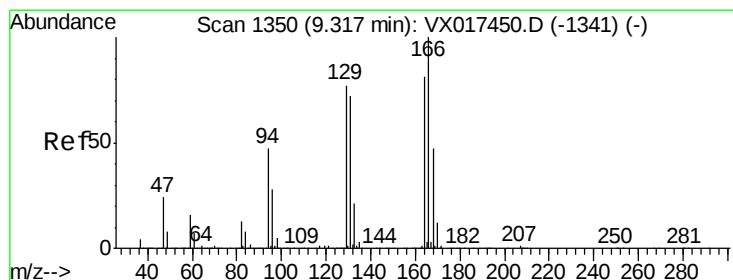
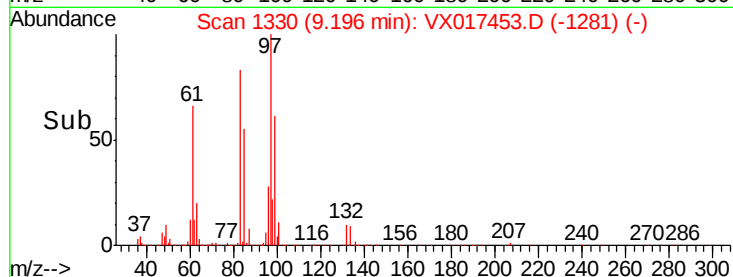
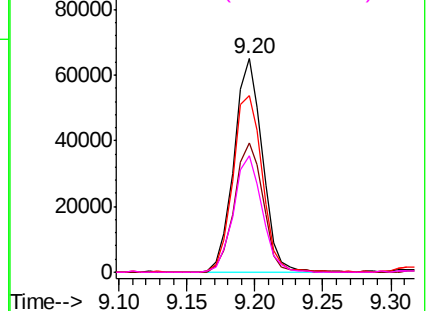
#47
1,1,2-Trichloroethane
Concen: 5.322 ug/L
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

Instrument :
MSVOA_X
ClientSampleId :
VICV66

Tot Ion:	97	Resp:	93728
Ion	Ratio	Lower	Upper
97	100		
99	60.8	40.2	74.6
83	82.6	61.6	114.4
85	54.8	37.5	69.6

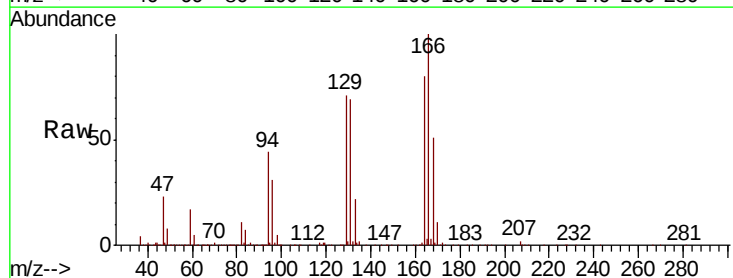


Abundance Ion 96.95 (96.65 to 97.65): VX0
Ion 99.05 (98.75 to 99.75): VX0
Ion 82.95 (82.65 to 83.65): VX0
Ion 85.00 (84.70 to 85.70): VX0

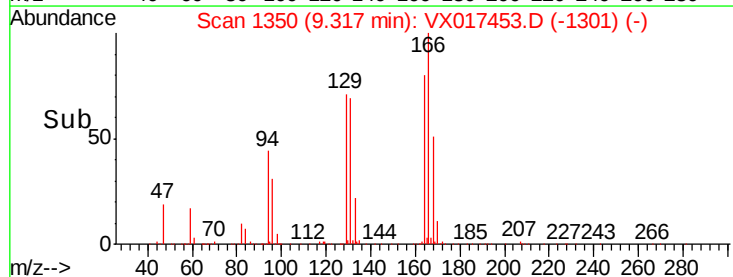
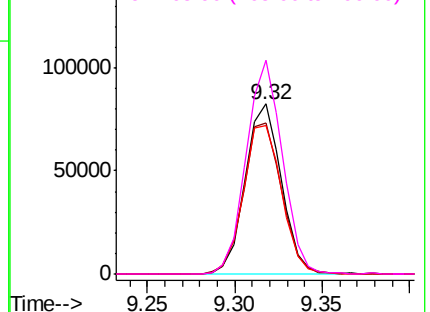


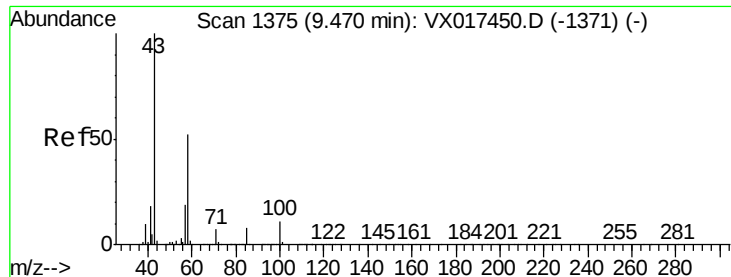
#49
Tetrachloroethene
Concen: 5.274 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

Tgt Ion:	164	Resp:	118350
Ion	Ratio	Lower	Upper
164	100		
129	89.3	66.6	123.8
131	87.1	62.6	116.2
166	125.7	86.9	161.5



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

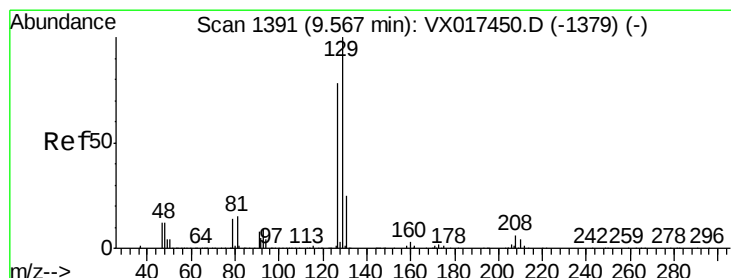
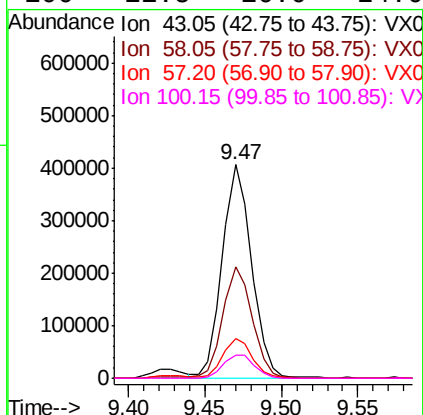
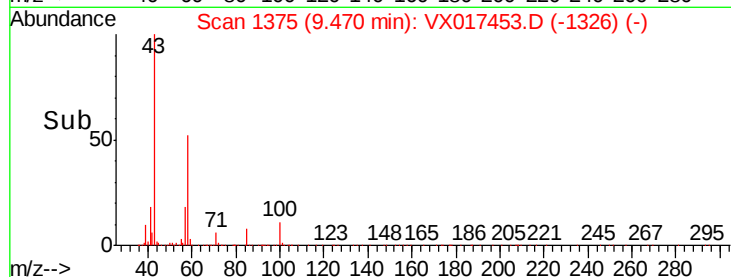
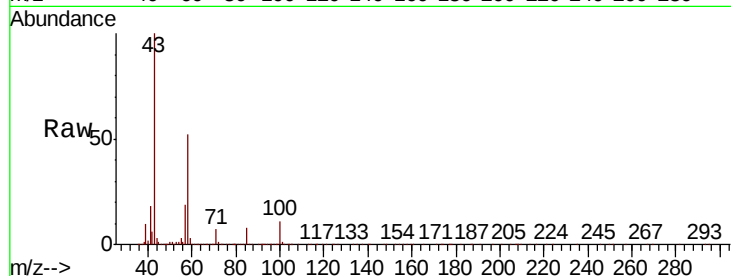




#50
2-Hexanone
Concen: 49.181 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

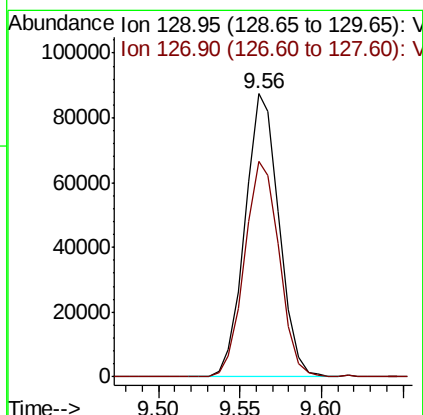
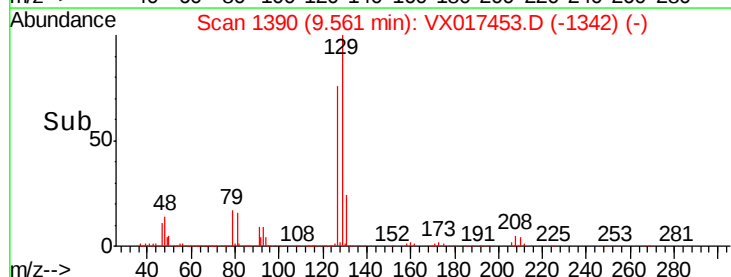
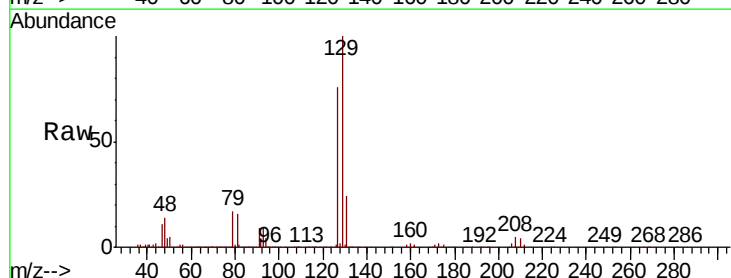
Instrument :
MSVOA_X
ClientSampleId :
VICV66

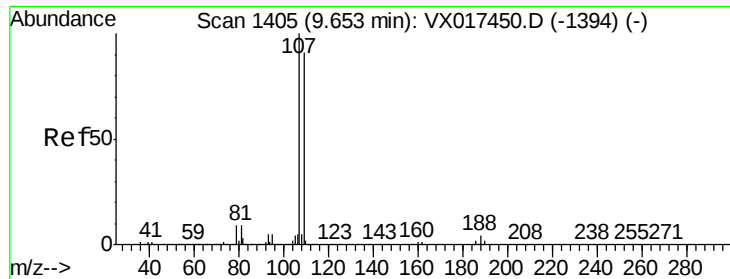
Tot Ion	Ratio	Lower	Upper
43	100		
58	52.2	41.4	62.0
57	18.4	26.9	40.3
100	11.5	16.0	24.0



#51
Dibromochloromethane
Concen: 5.232 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	54.7	101.5





#52

1,2-Dibromoethane

Concen: 5.201 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

VICV66

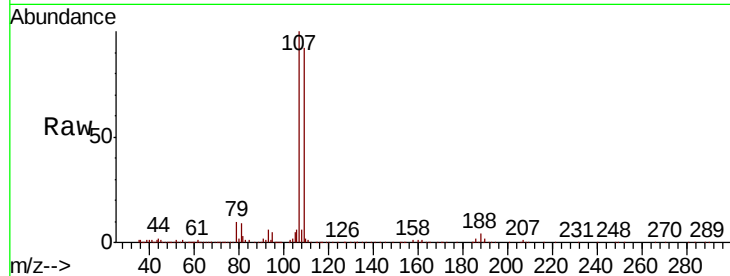
Tot Ion:107 Resp: 90781

Ion Ratio Lower Upper

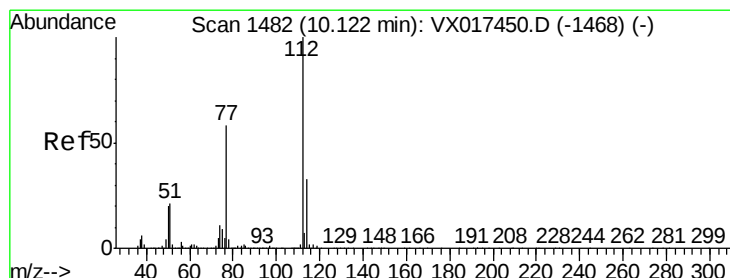
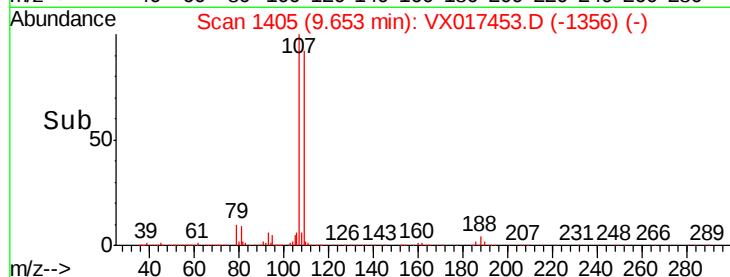
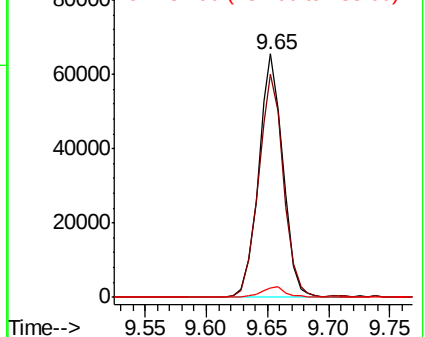
107 100

109 91.6 63.9 118.7

188 4.1 3.0 4.4



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 5.554 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

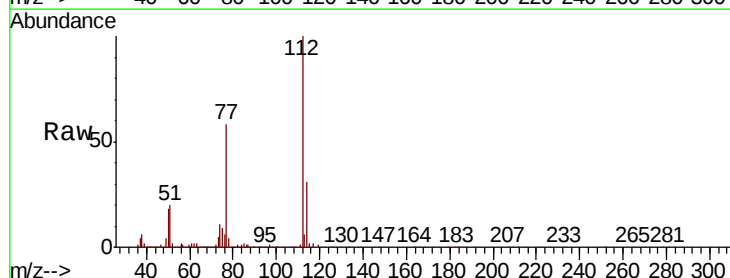
Tgt Ion:112 Resp: 387937

Ion Ratio Lower Upper

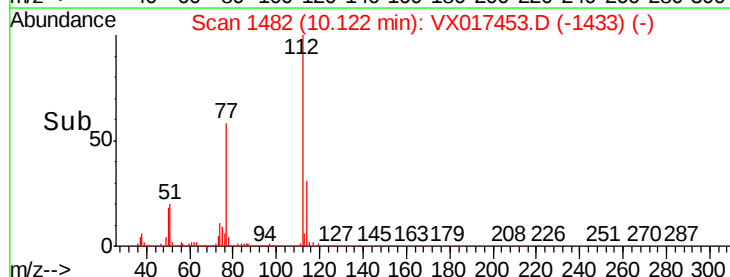
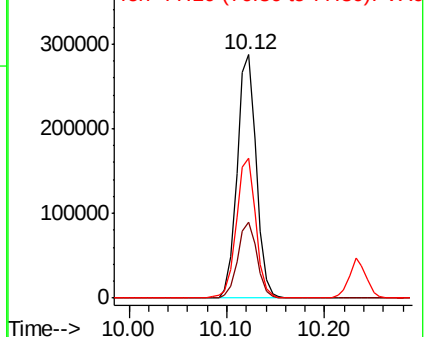
112 100

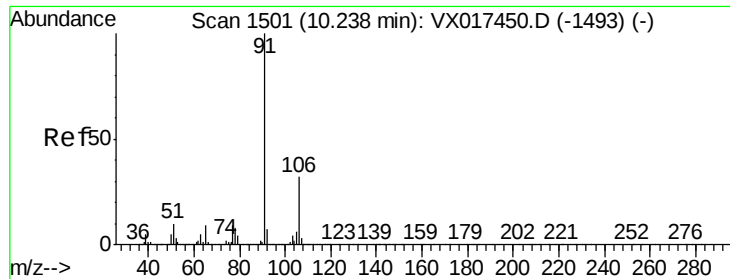
114 31.3 23.1 42.9

77 57.7 46.2 69.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 5.558 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampled :

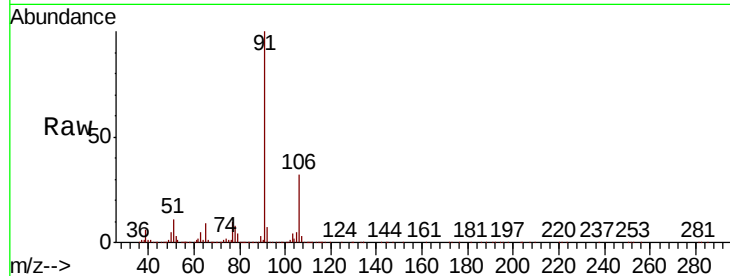
VICV66

Tot Ion: 91 Resp: 618714

Ion Ratio Lower Upper

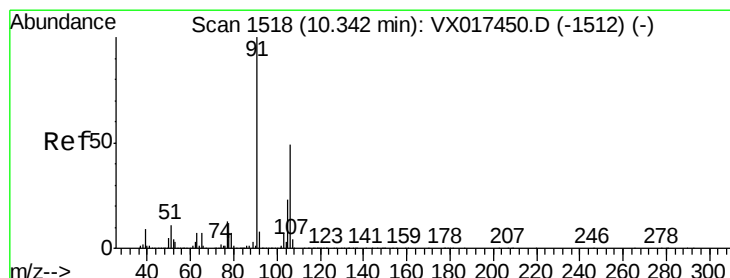
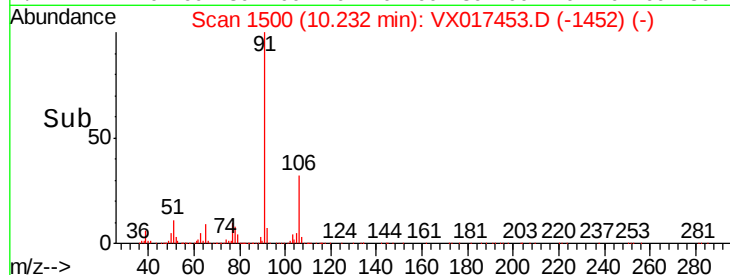
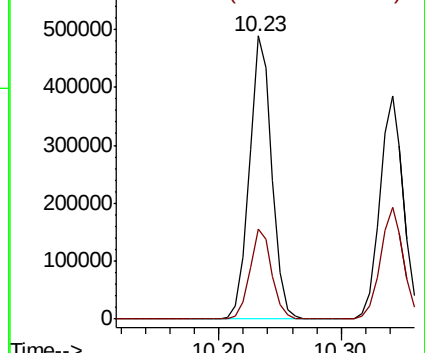
91 100

106 31.6 22.5 41.7



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 5.707 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017453.D

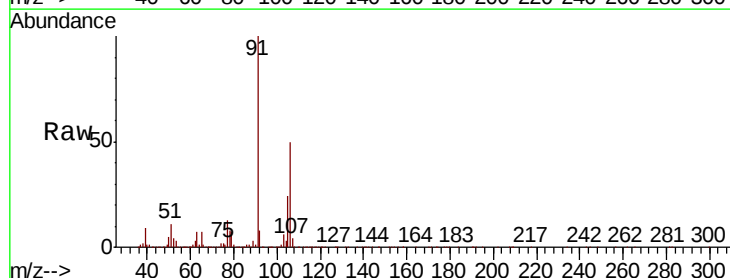
Acq: 21 Jul 2020 13:34

Tgt Ion: 106 Resp: 253644

Ion Ratio Lower Upper

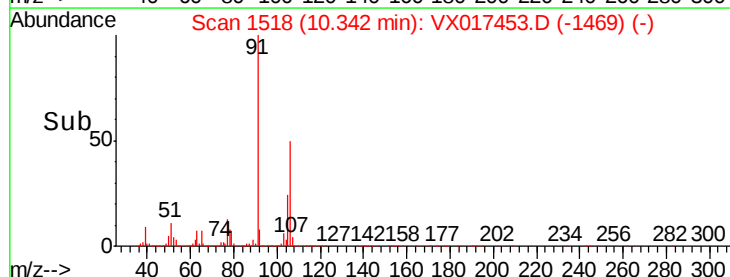
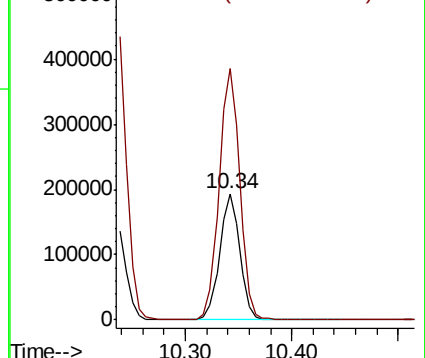
106 100

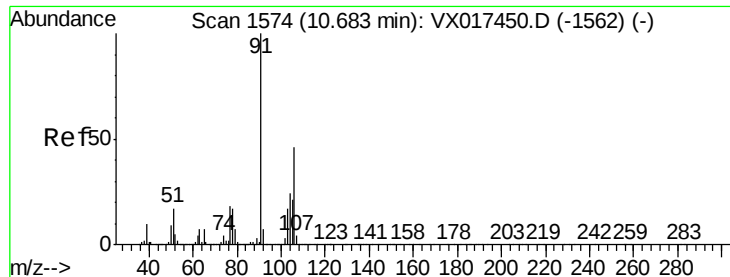
91 199.8 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

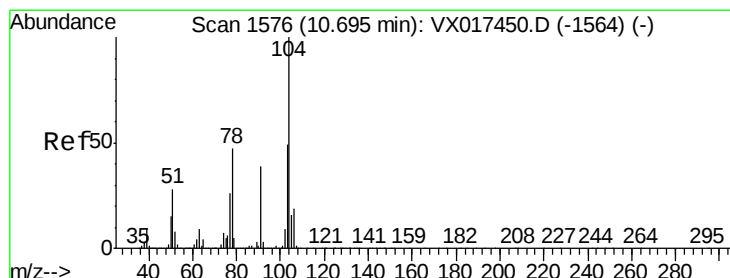
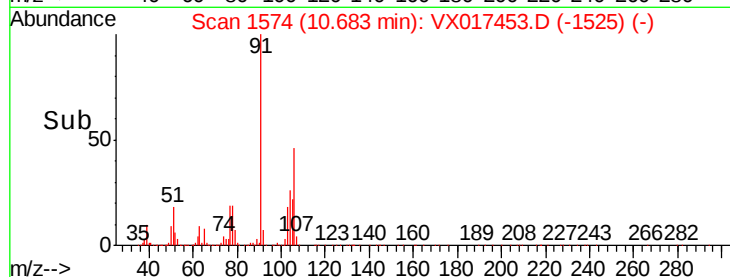
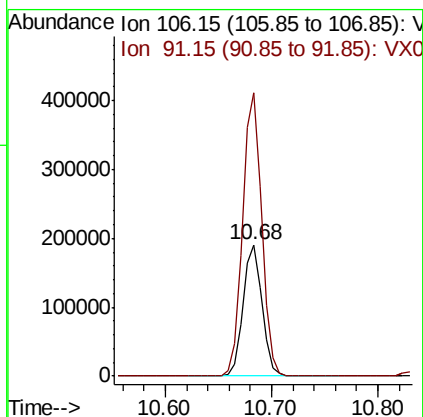
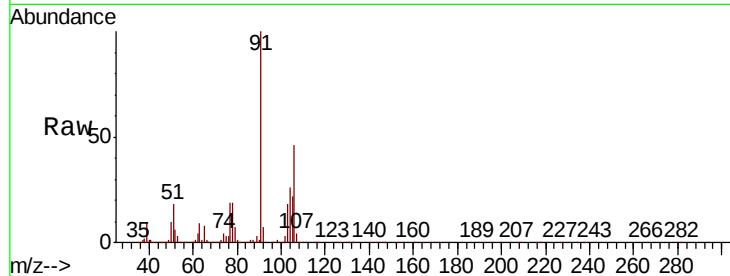




#56
o-xylene
Concen: 5.527 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

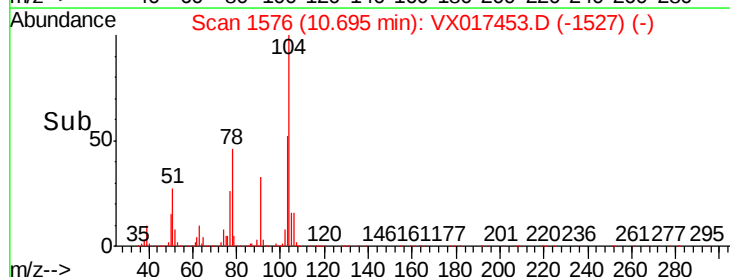
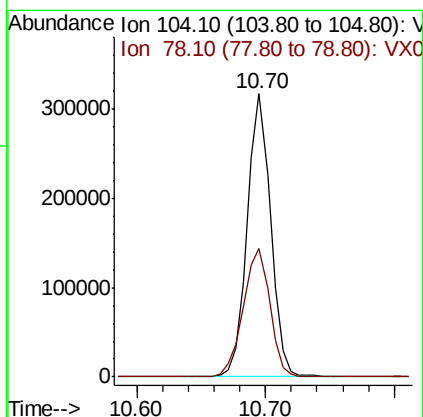
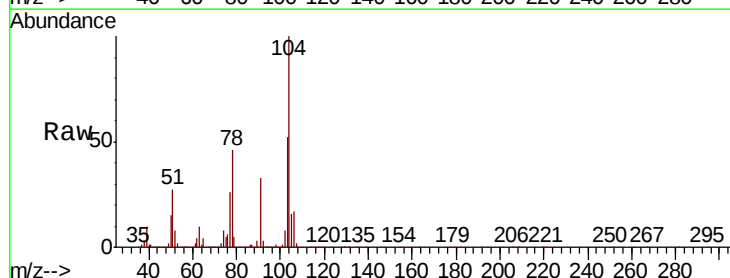
Instrument :
MSVOA_X
ClientSampled :
VICV66

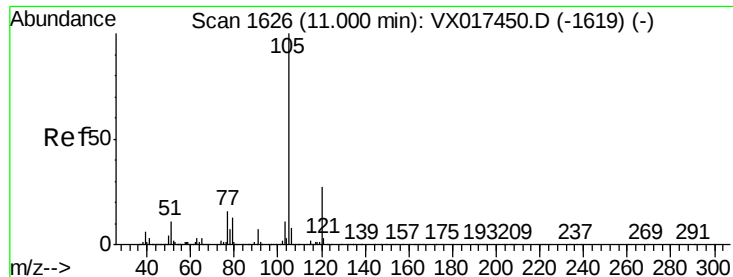
Tot Ion:106 Resp: 238313
Ion Ratio Lower Upper
106 100
91 215.9 153.4 284.8



#57
Styrene
Concen: 5.494 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

Tgt Ion:104 Resp: 394529
Ion Ratio Lower Upper
104 100
78 45.6 32.6 60.6





#58

Isopropylbenzene

Concen: 5.853 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

VICV66

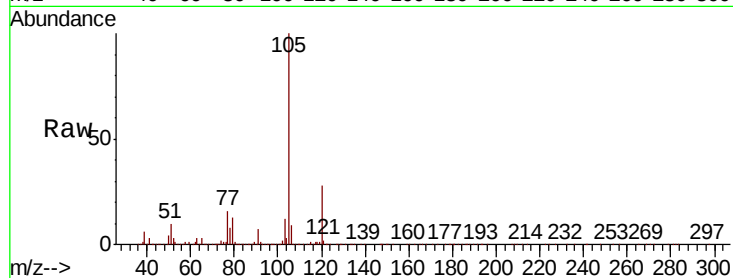
Tot Ion:105 Resp: 652234

Ion Ratio Lower Upper

105 100

120 27.0 21.4 32.2

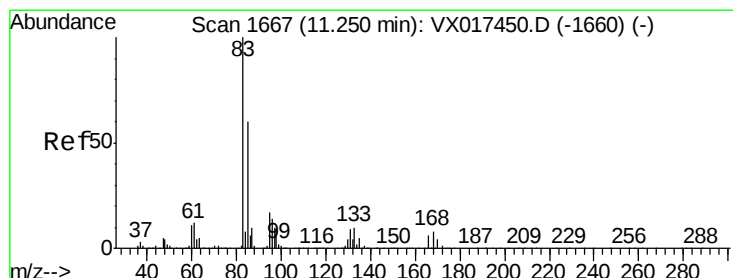
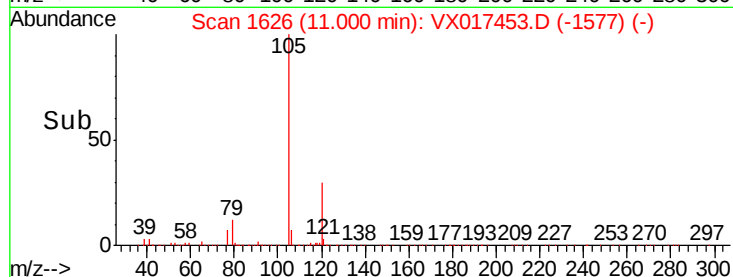
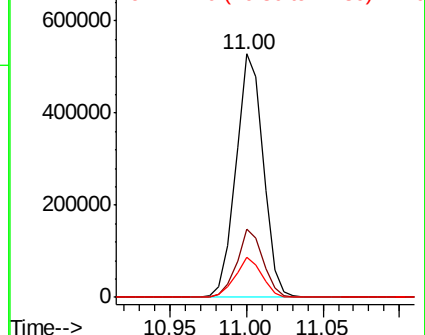
77 16.0 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 5.010 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

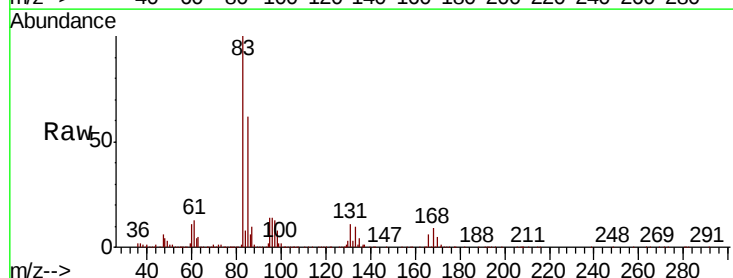
Tgt Ion: 83 Resp: 105002

Ion Ratio Lower Upper

83 100

85 61.9 42.1 78.1

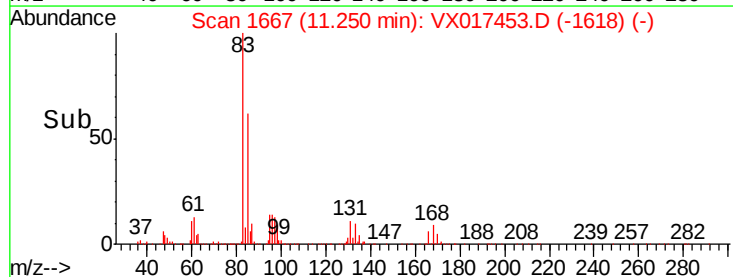
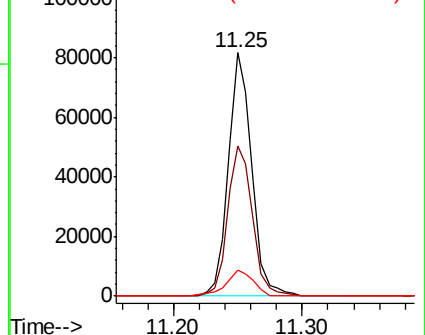
131 10.6 7.7 11.5

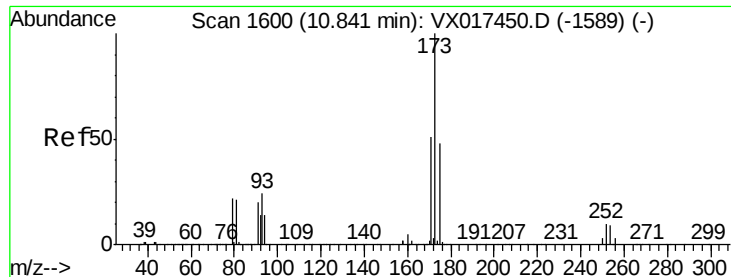


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V

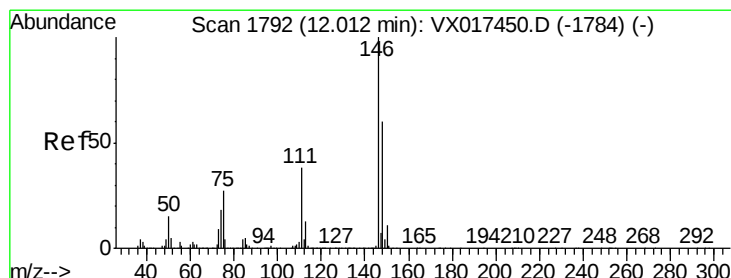
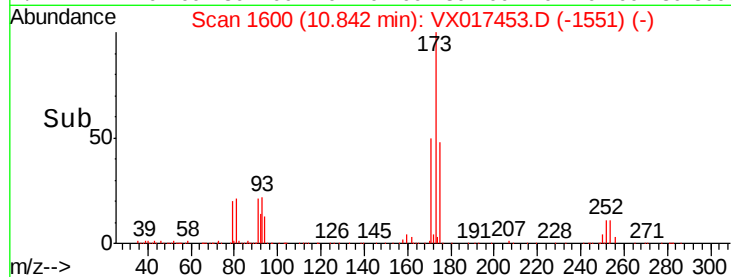
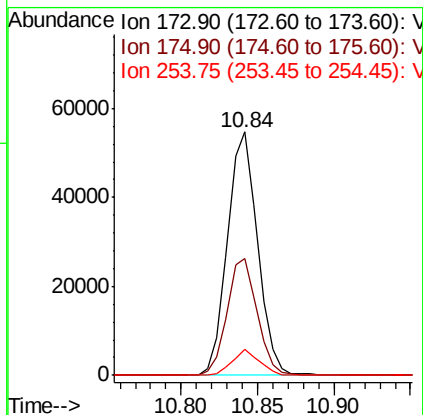
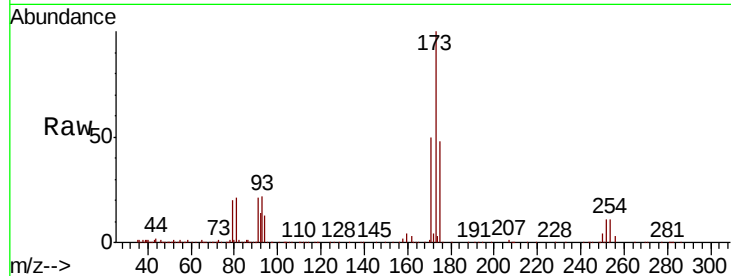




#62
Bromoform
Concen: 5.473 ug/L
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

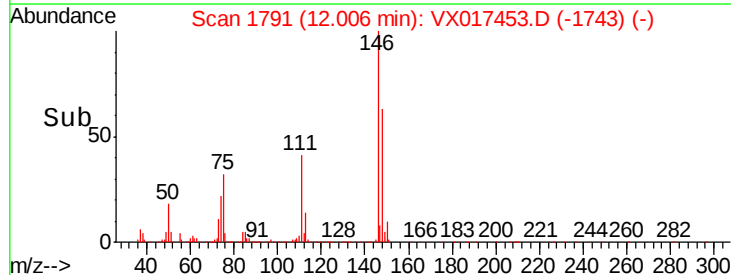
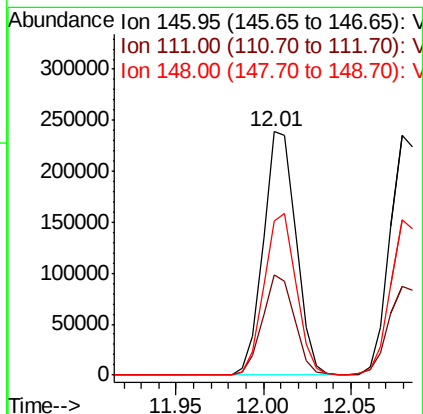
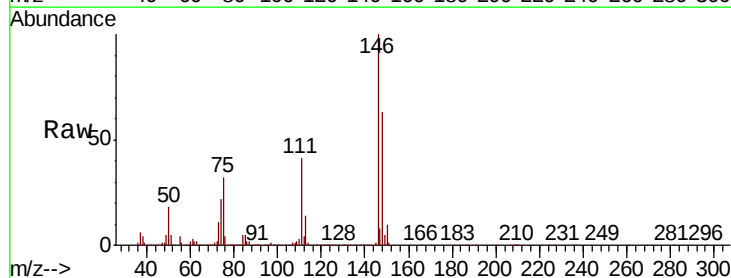
Instrument :
MSVOA_X
ClientSampleId :
VICV66

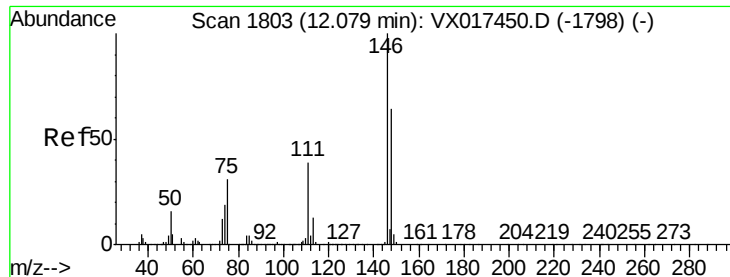
Tot Ion:173 Resp: 74657
Ion Ratio Lower Upper
173 100
175 48.2 38.4 57.6
254 9.9 7.4 11.2



#63
1,3-Dichlorobenzene
Concen: 5.683 ug/L
RT: 12.01 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

Tgt Ion:146 Resp: 311498
Ion Ratio Lower Upper
146 100
111 41.4 26.8 49.8
148 63.2 42.1 78.3

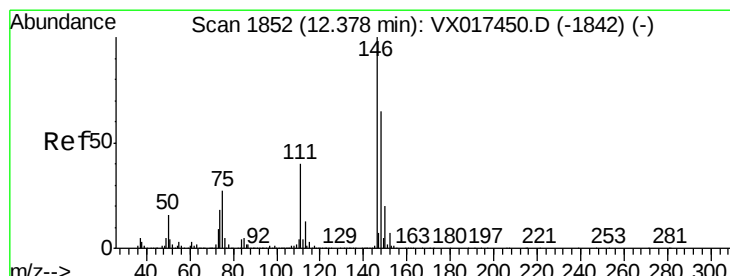
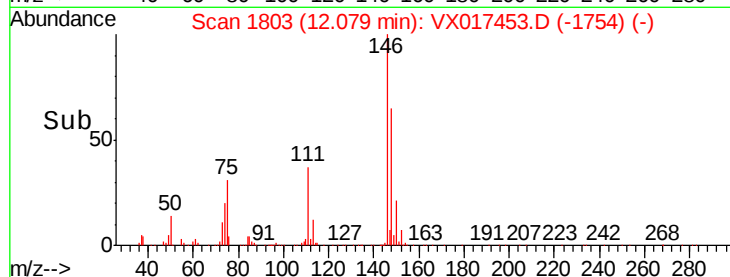
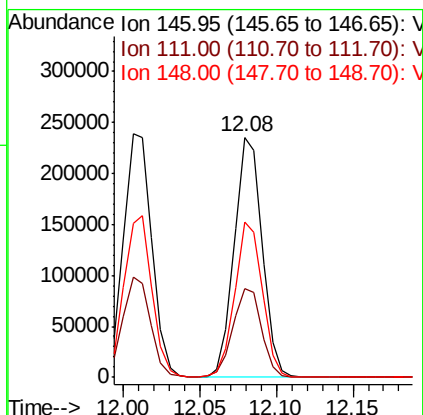
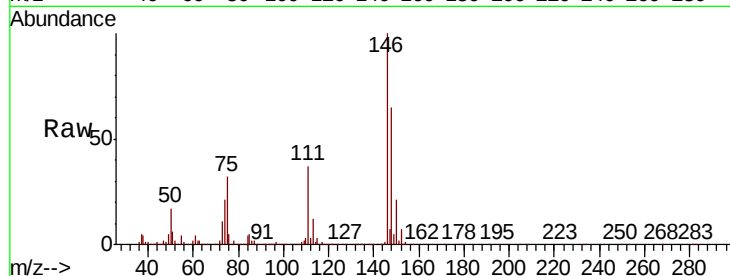




#64
1,4-Dichlorobenzene
Concen: 5.519 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

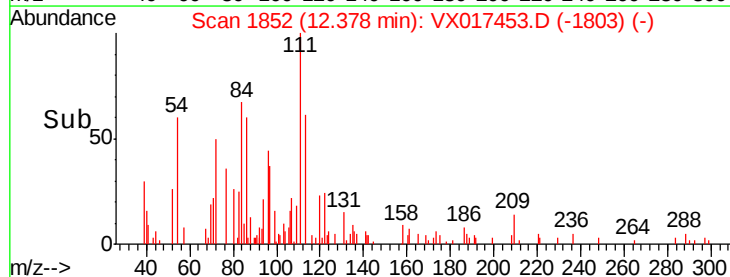
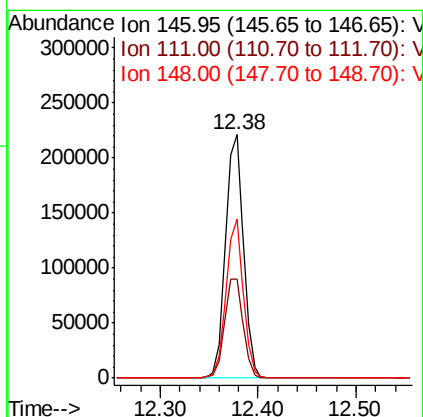
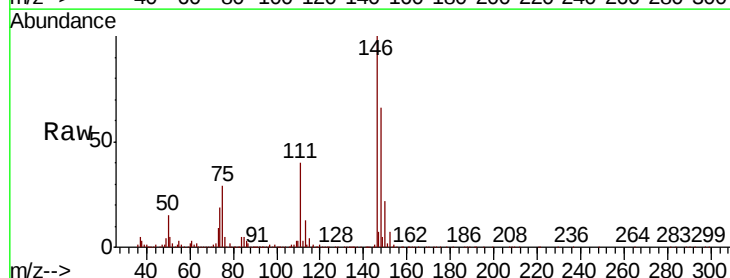
Instrument :
MSVOA_X
ClientSampleId :
VICV66

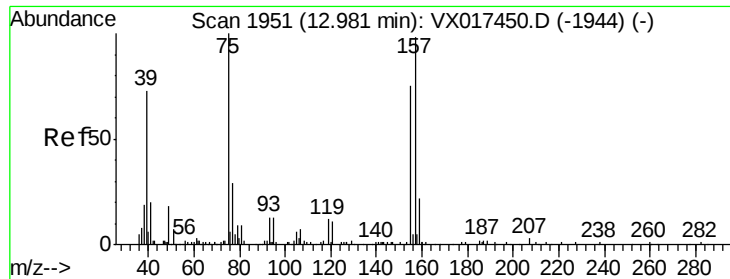
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	27.7	51.5
148	64.8	44.9	83.5



#66
1,2-Dichlorobenzene
Concen: 5.552 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	31.8	47.6
148	65.6	51.8	77.8





#67

1,2-Dibromo-3-chloropropane

Concen: 4.438 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

VICV66

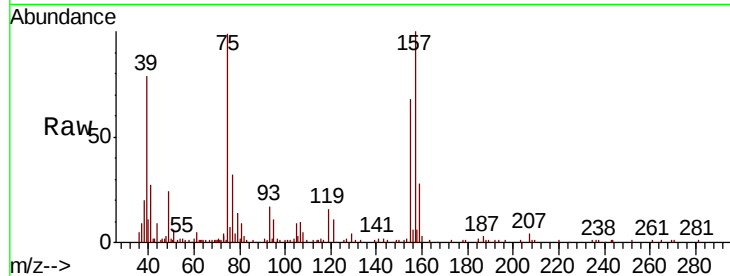
Tot Ion: 75 Resp: 19834

Ion Ratio Lower Upper

75 100

155 68.8 59.6 89.4

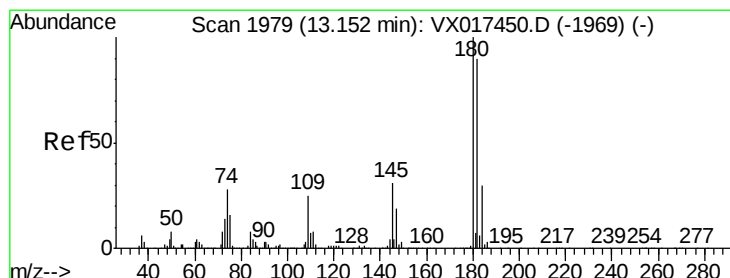
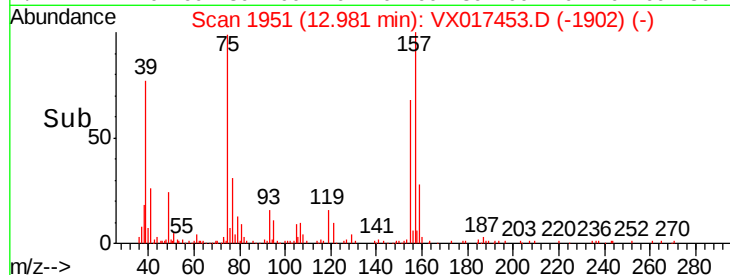
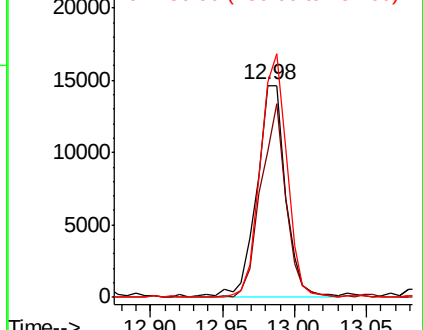
157 101.4 78.7 118.1



Abundance Ion 75.05 (74.75 to 75.75): VX017453.D (-1902) (-)

Ion 154.95 (154.65 to 155.65): VX017453.D (-1902) (-)

Ion 156.90 (156.60 to 157.60): VX017453.D (-1902) (-)



#68

1,3,5-Trichlorobenzene

Concen: 5.821 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX017453.D

Acq: 21 Jul 2020 13:34

Tgt Ion: 180 Resp: 268752

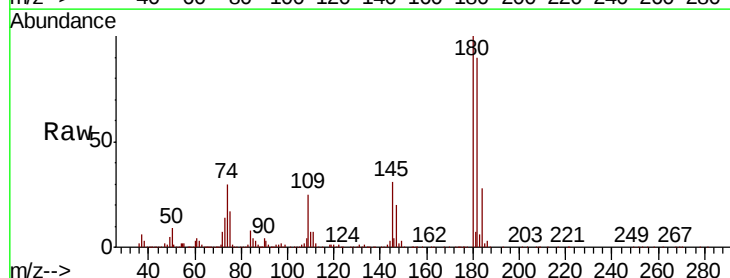
Ion Ratio Lower Upper

180 100

182 94.4 73.8 110.8

184 29.4 24.2 36.2

145 31.1 24.4 36.6

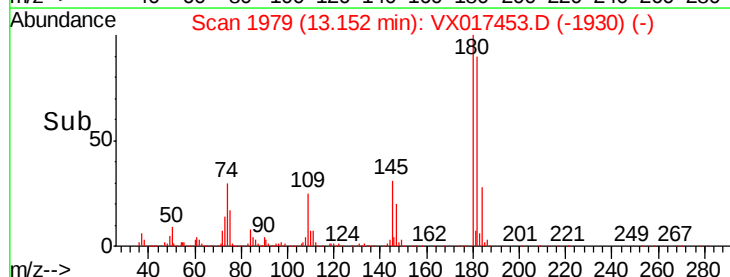
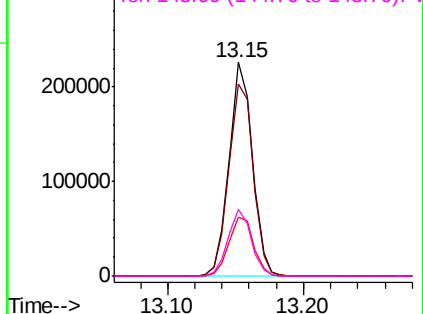


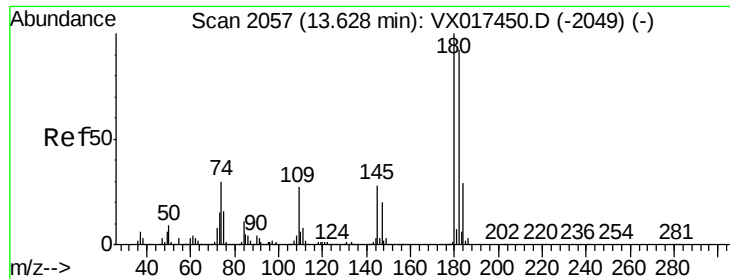
Abundance Ion 180.00 (179.70 to 180.70): VX017453.D (-1930) (-)

Ion 182.00 (181.70 to 182.70): VX017453.D (-1930) (-)

Ion 184.00 (183.70 to 184.70): VX017453.D (-1930) (-)

Ion 145.00 (144.70 to 145.70): VX017453.D (-1930) (-)

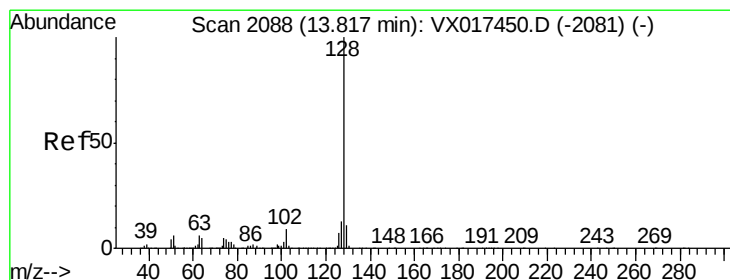
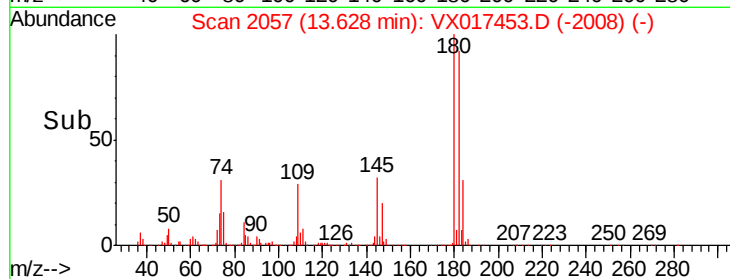
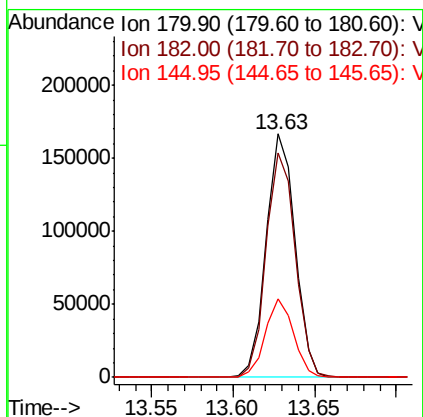
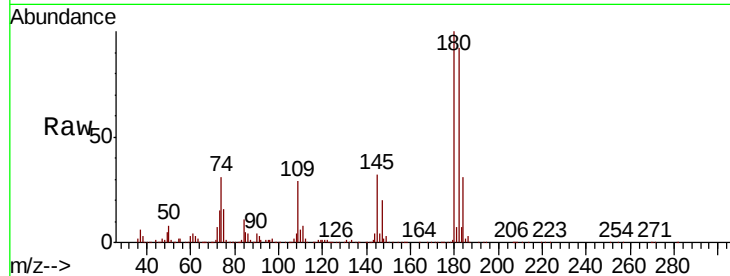




#69
1,2,4-trichlorobenzene
Concen: 6.020 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

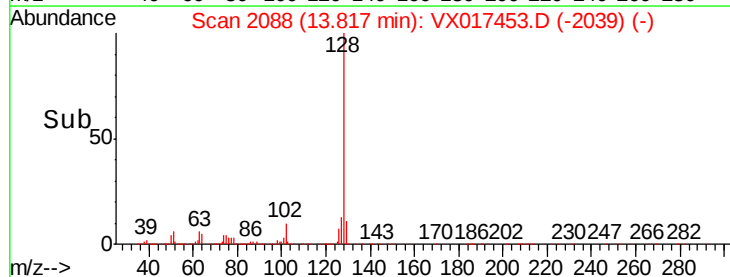
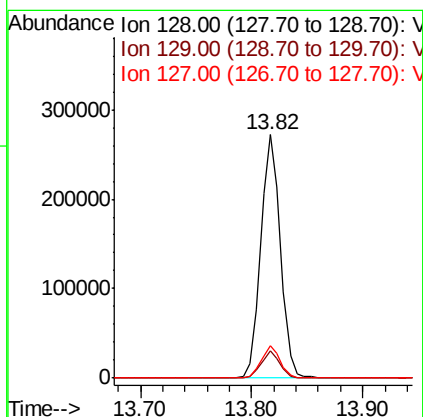
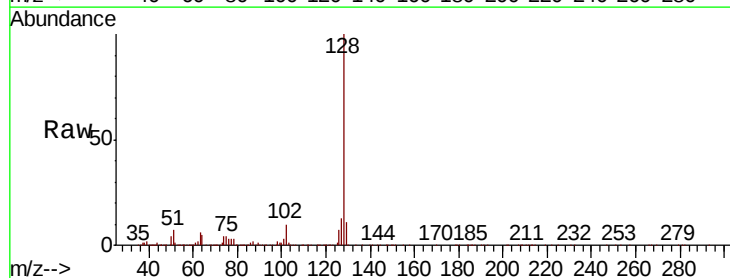
Instrument :
MSVOA_X
ClientSampled :
VICV66

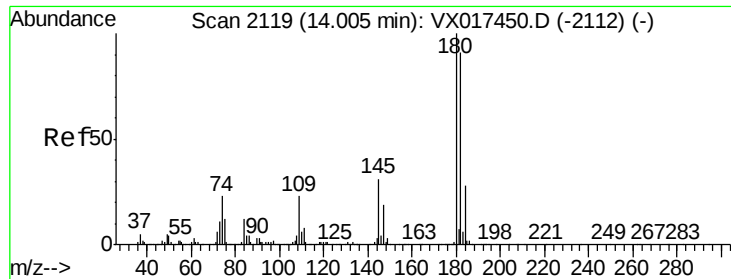
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.3	112.9
145	31.9	24.3	36.5



#70
Naphthalene
Concen: 5.690 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017453.D
Acq: 21 Jul 2020 13:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	12.8	10.2	15.4





#71
 1,2,3-Trichlorobenzene
 Concen: 6.038 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX017453.D
 Acq: 21 Jul 2020 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV66

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.3	112.9
145	33.2	26.9	40.3

