

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017449.D
 Acq On : 21 Jul 2020 11:39
 Operator : JC/SP
 Sample : VSTD00162
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00162

Quant Time: Jul 22 05:36:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 05:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	323133	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	318432	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	152516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	26264	1.36	ug/L	0.00
7) Chloroethane-d5	1.69	69	18083	1.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	48914	1.20	ug/L	0.00
20) 2-Butanone-d5	4.54	46	42073	8.27	ug/L	0.00
24) Chloroform-d	5.13	84	42334	1.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	24960	1.11	ug/L	0.00
32) Benzene-d6	6.05	84	80128	1.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	21890	0.96	ug/L	0.00
41) Toluene-d8	8.70	98	74433	1.03	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	8647	0.93	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	27982	7.13	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	17544	1.05	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	24464	0.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	33044	1.214 ug/L	96
3) Chloromethane	1.31	50	33457	1.253 ug/L	90
5) Vinyl chloride	1.39	62	30358	1.175 ug/L	98
6) Bromomethane	1.64	94	16373	1.150 ug/L	94
8) Chloroethane	1.71	64	17419	0.985 ug/L	97
9) Trichlorofluoromethane	1.92	101	43768	1.214 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	23254	1.147 ug/L	97
12) 1,1-Dichloroethene	2.36	96	22886	1.202 ug/L	91
13) Acetone	2.42	43	34470	9.922 ug/L	99
14) Carbon disulfide	2.55	76	76333	1.203 ug/L	98
15) Methyl Acetate	2.75	43	10617	1.287 ug/L	93
16) Methylene chloride	2.84	84	30930	1.367 ug/L	96
17) Methyl tert-butyl Ether	3.17	73	49440	1.013 ug/L	95
18) trans-1,2-Dichloroethene	3.15	96	24954	1.204 ug/L	83
19) 1,1-Dichloroethane	3.67	63	43474	1.107 ug/L	99
21) 2-Butanone	4.64	43	50267	9.273 ug/L	93
22) cis-1,2-Dichloroethene	4.57	96	20786	0.948 ug/L #	91
23) Bromochloromethane	4.99	128	10590	1.120 ug/L	84
25) Chloroform	5.18	83	42015	0.982 ug/L	100
27) 1,2-Dichloroethane	6.16	62	25578	0.951 ug/L	96
29) 1,1,1-Trichloroethane	5.46	97	41330	1.121 ug/L	98
30) Cyclohexane	5.56	56	29185	0.812 ug/L	97
31) Carbon tetrachloride	5.76	117	34528	1.071 ug/L	100
33) Benzene	6.12	78	85134	1.020 ug/L	100
34) Trichloroethene	7.19	95	22146	0.948 ug/L	92
35) Methylcyclohexane	7.44	83	27530	0.786 ug/L	94
37) 1,2-Dichloropropane	7.49	63	21593	1.002 ug/L #	93
38) Bromodichloromethane	7.88	83	29181	1.088 ug/L #	95
39) cis-1,3-Dichloropropene	8.41	75	29274	0.978 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	110338	8.383 ug/L #	94

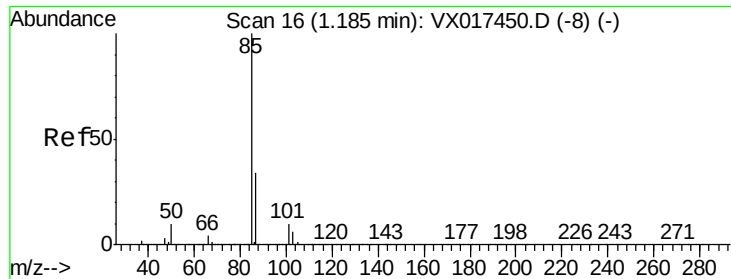
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 05:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	82840	0.949	ug/L	94
43) 1,3,5-Trimethylbenzene	11.49	105	67721	0.845	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	66590	0.841	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	24488	0.966	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	15490	1.092	ug/L	90
49) Tetrachloroethene	9.32	164	19991	1.188	ug/L	95
50) 2-Hexanone	9.48	43	78251	8.445	ug/L #	85
51) Dibromochloromethane	9.56	129	20214	1.227	ug/L	95
52) 1,2-Dibromoethane	9.66	107	14104	1.075	ug/L #	95
53) Chlorobenzene	10.12	112	59911	1.055	ug/L	92
54) Ethylbenzene	10.24	91	89348	0.902	ug/L	97
55) m,p-xylene	10.34	106	33518	0.903	ug/L	98
56) o-xylene	10.68	106	33424	0.944	ug/L	96
57) Styrene	10.69	104	52416	0.883	ug/L	99
58) Isopropylbenzene	11.00	105	83513	0.866	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.26	83	16650	1.052	ug/L #	92
62) Bromoform	10.84	173	11261	1.361	ug/L #	92
63) 1,3-Dichlorobenzene	12.01	146	45118	1.055	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	43264	1.007	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	41698	1.075	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.99	75	4468	1.652	ug/L	86
68) 1,3,5-Trichlorobenzene	13.15	180	35430	1.084	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	25048	0.926	ug/L	99
70) Naphthalene	13.82	128	42187	0.947	ug/L	97
71) 1,2,3-Trichlorobenzene	14.00	180	23455	0.967	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 1.214 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

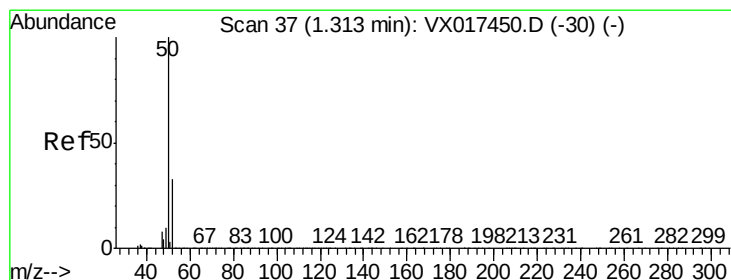
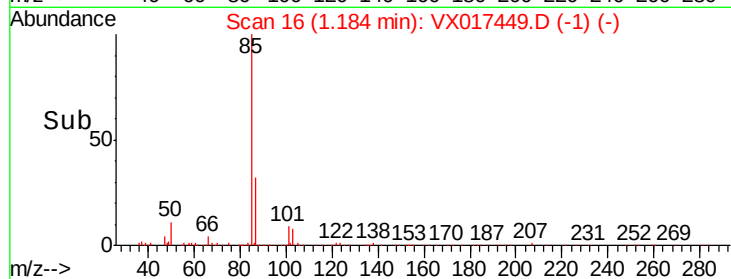
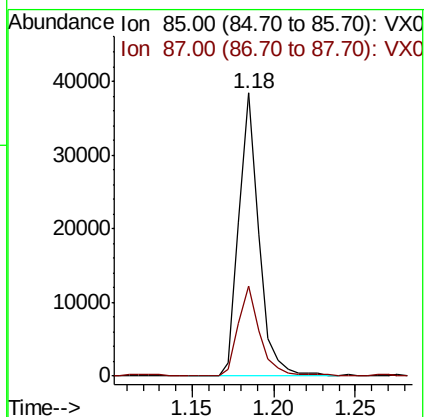
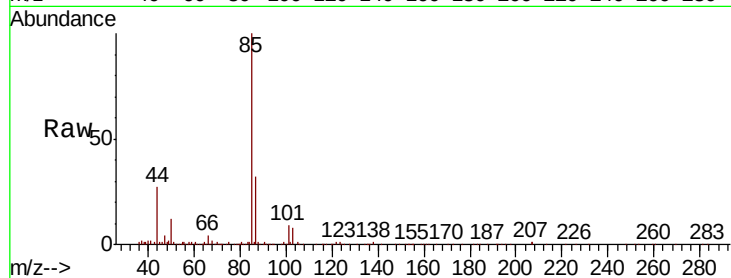
VSTD00162

Tot Ion: 85 Resp: 33044

Ion Ratio Lower Upper

85 100

87 35.0 26.1 39.1



#3

Chloromethane

Concen: 1.253 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017449.D

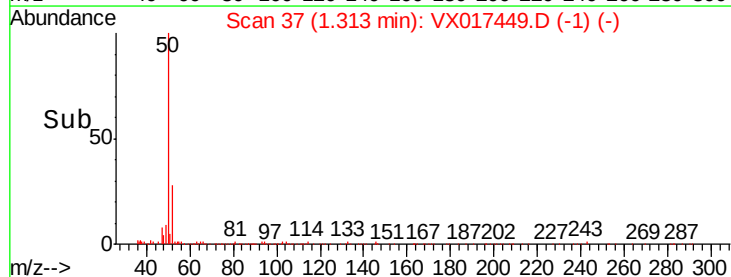
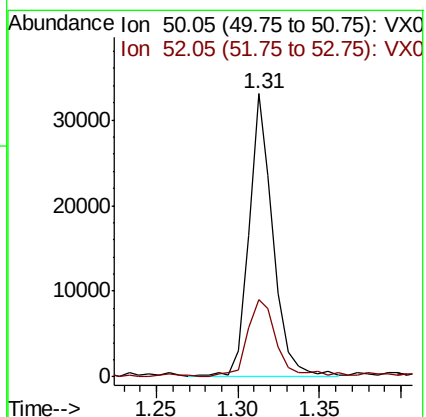
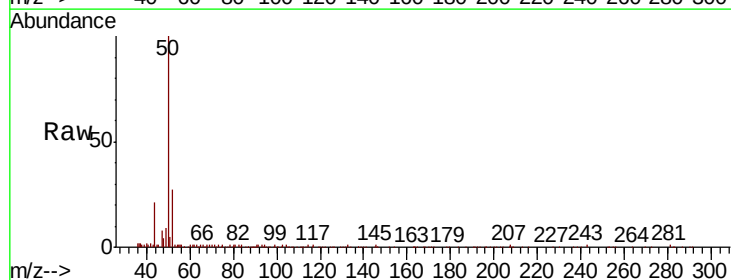
Acq: 21 Jul 2020 11:39

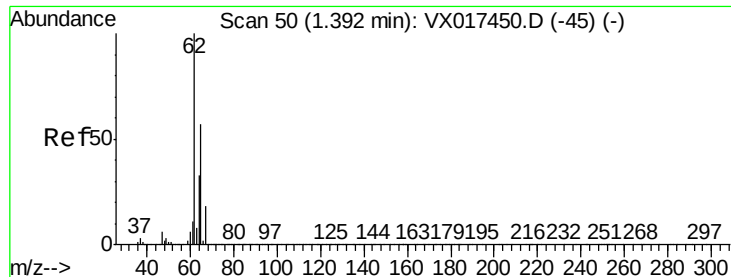
Tgt Ion: 50 Resp: 33457

Ion Ratio Lower Upper

50 100

52 27.4 23.2 43.2





#5

Vinyl chloride

Concen: 1.175 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

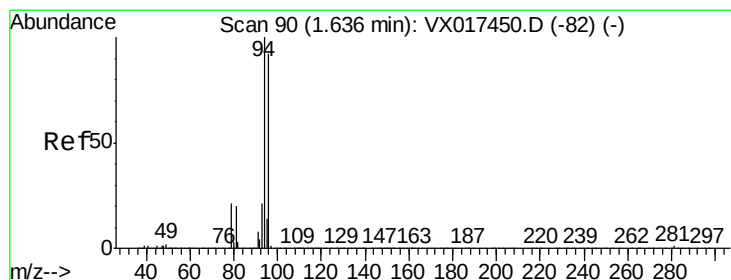
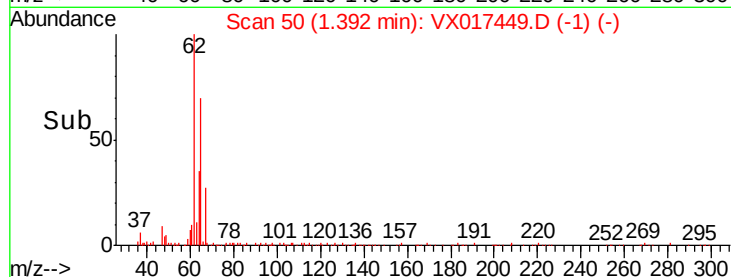
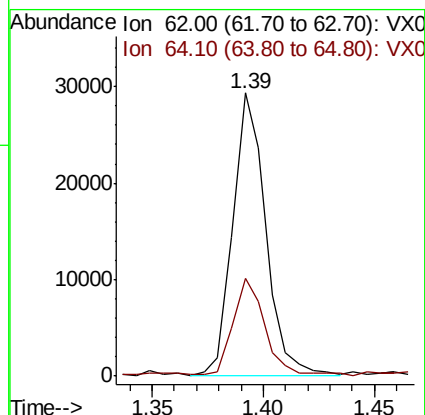
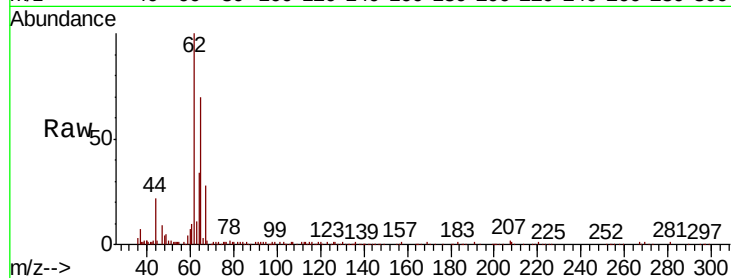
VSTD00162

Tot Ion: 62 Resp: 30358

Ion Ratio Lower Upper

62 100

64 34.3 23.2 43.2



#6

Bromomethane

Concen: 1.150 ug/L

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017449.D

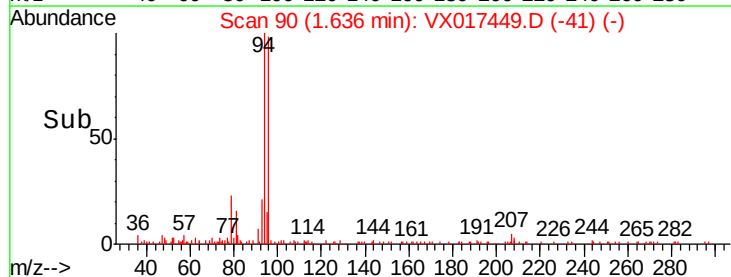
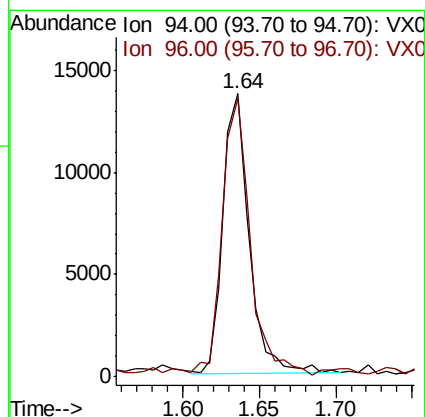
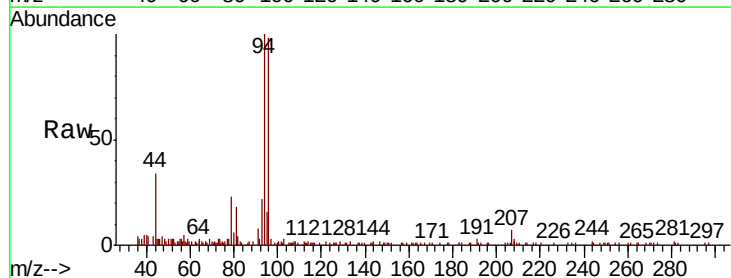
Acq: 21 Jul 2020 11:39

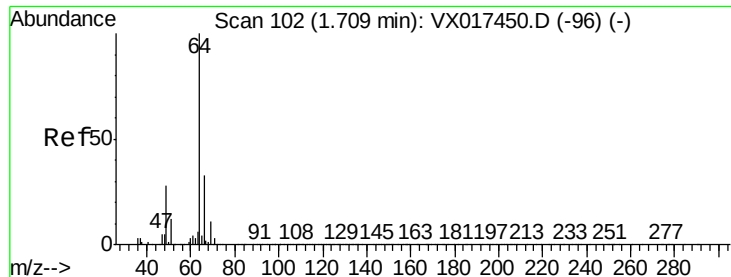
Tgt Ion: 94 Resp: 16373

Ion Ratio Lower Upper

94 100

96 98.2 64.8 120.4

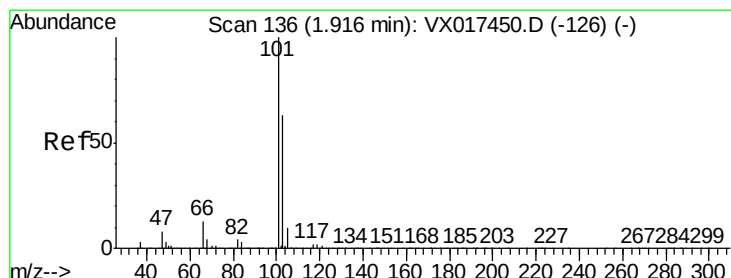
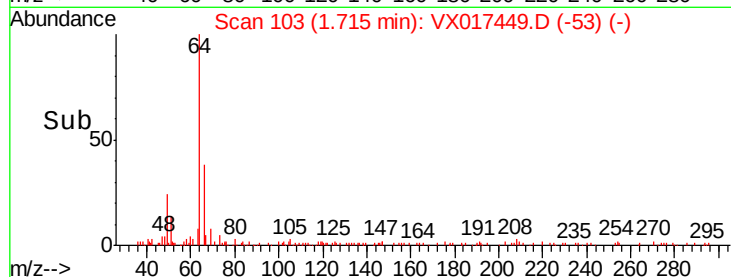
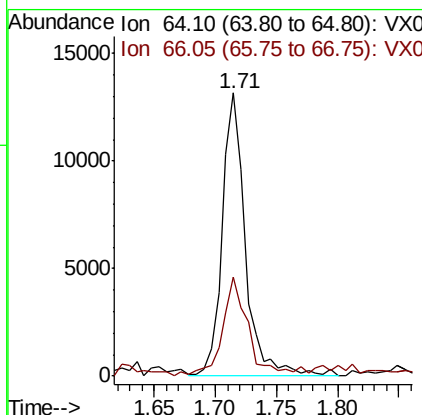
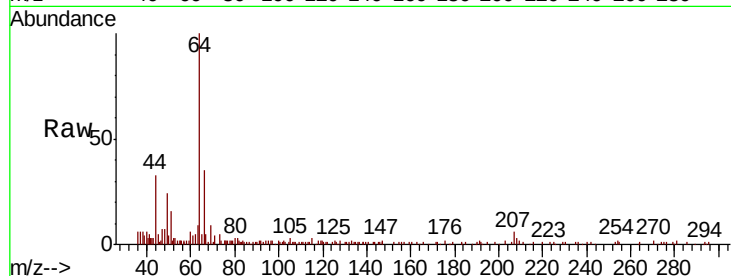




#8
Chloroethane
Concen: 0.985 ug/L
RT: 1.71 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

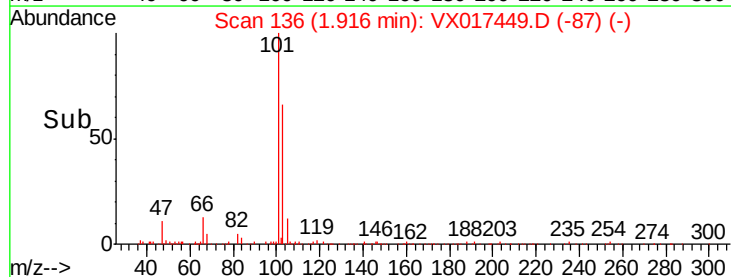
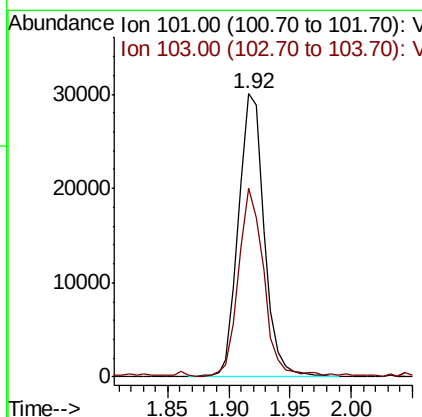
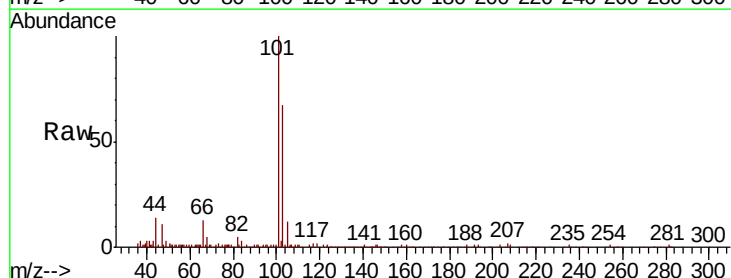
Instrument :
MSVOA_X
ClientSampleId :
VSTD00162

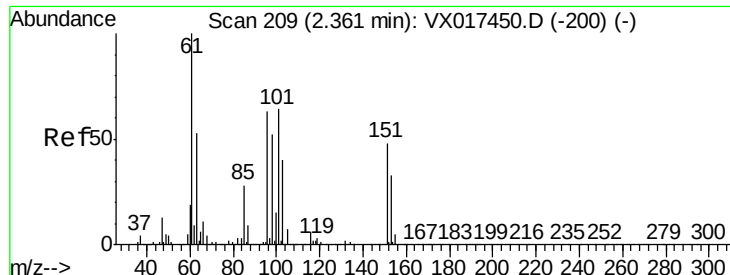
Tot Ion: 64 Resp: 17419
Ion Ratio Lower Upper
64 100
66 34.8 23.1 42.9



#9
Trichlorofluoromethane
Concen: 1.214 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

Tgt Ion: 101 Resp: 43768
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2





#10

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

Concen: 1.147 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD00162

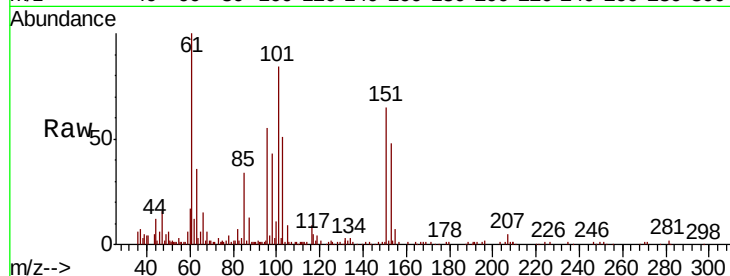
Tot Ion:101 Resp: 23254

Ion Ratio Lower Upper

101 100

85 47.3 35.3 52.9

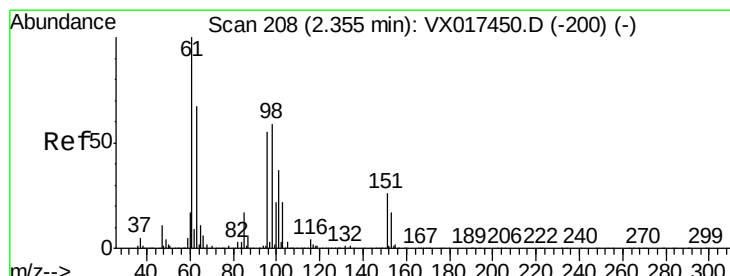
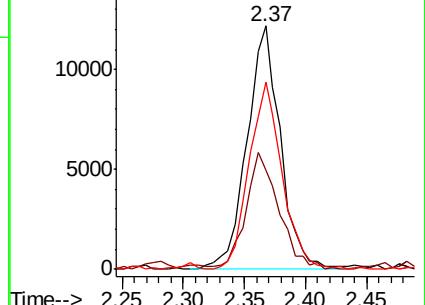
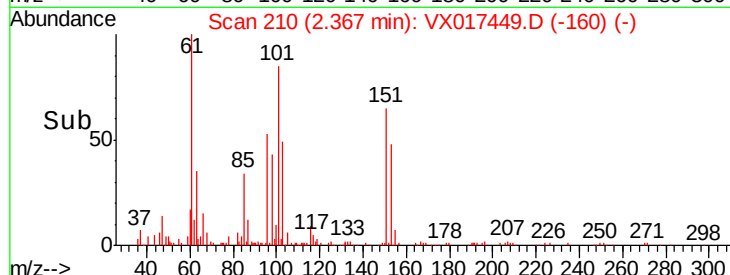
151 75.6 62.3 93.5



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: 1.202 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

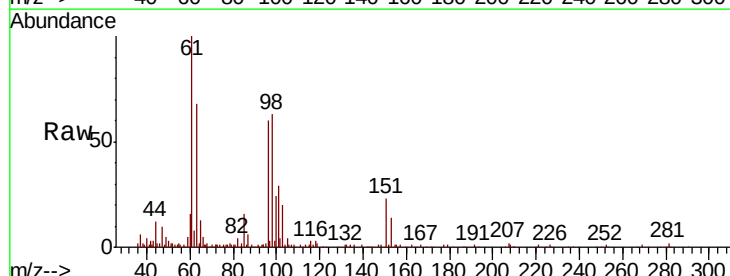
Tgt Ion: 96 Resp: 22886

Ion Ratio Lower Upper

96 100

61 167.4 126.5 234.9

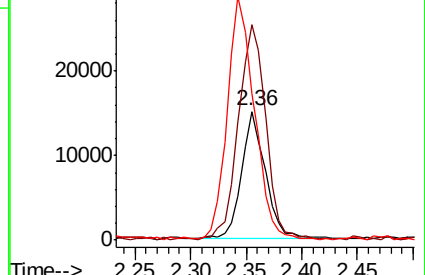
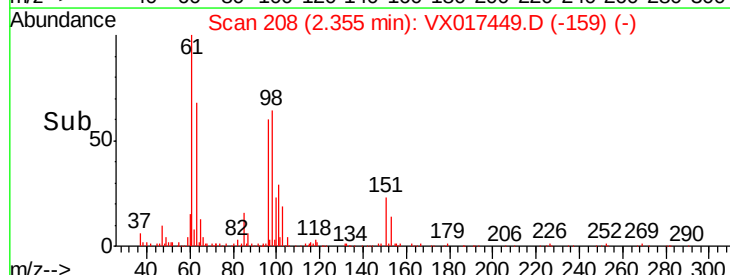
63 113.9 85.6 159.0

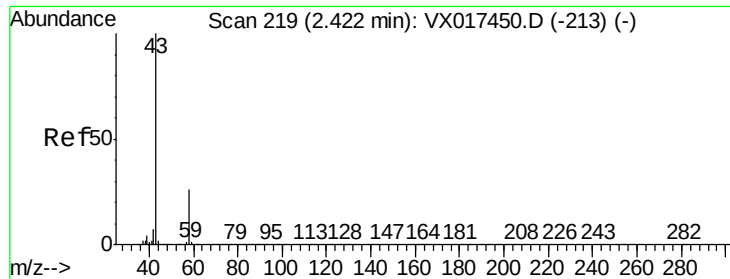


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 9.922 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

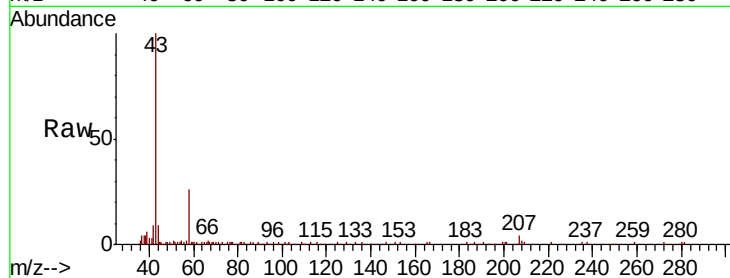
VSTD00162

Tot Ion: 43 Resp: 34470

Ion Ratio Lower Upper

43 100

58 29.9 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

25000

20000

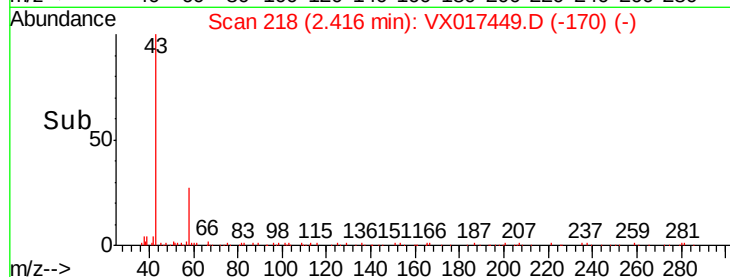
15000

10000

5000

0

Time-->

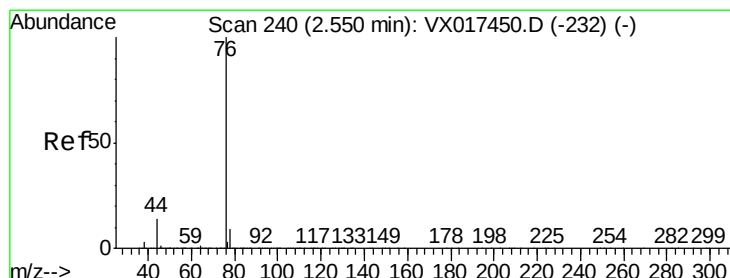


2.42

2.40

2.45

2.50



#14

Carbon disulfide

Concen: 1.203 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017449.D

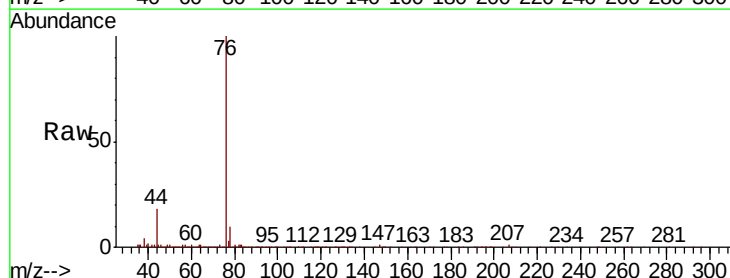
Acq: 21 Jul 2020 11:39

Tgt Ion: 76 Resp: 76333

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

50000

40000

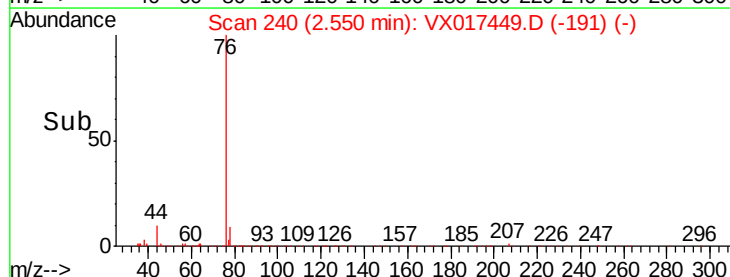
30000

20000

10000

0

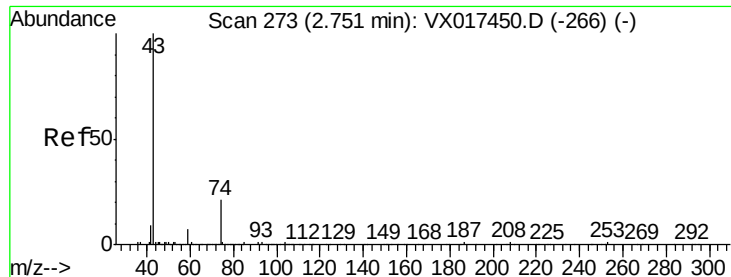
Time-->



2.55

2.50

2.60



#15

Methyl Acetate

Concen: 1.287 ug/L

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

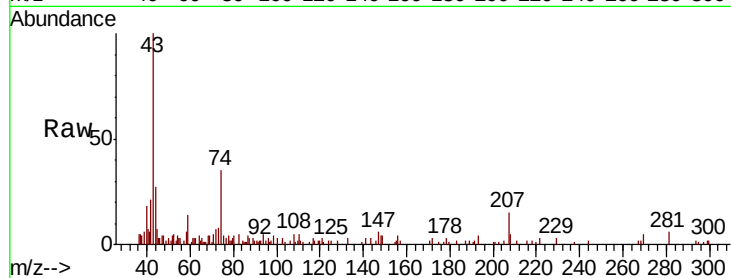
VSTD00162

Tot Ion: 43 Resp: 10617

Ion Ratio Lower Upper

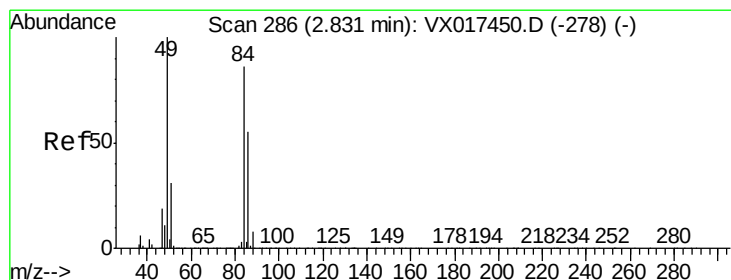
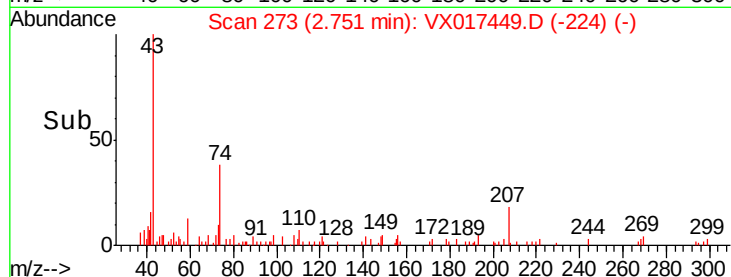
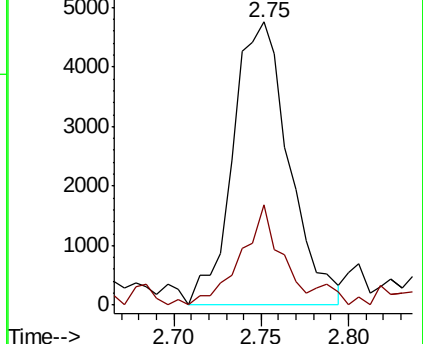
43 100

74 25.3 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: 1.367 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

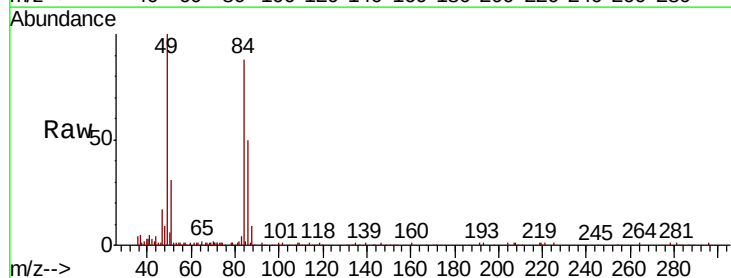
Tgt Ion: 84 Resp: 30930

Ion Ratio Lower Upper

84 100

86 56.9 44.8 83.2

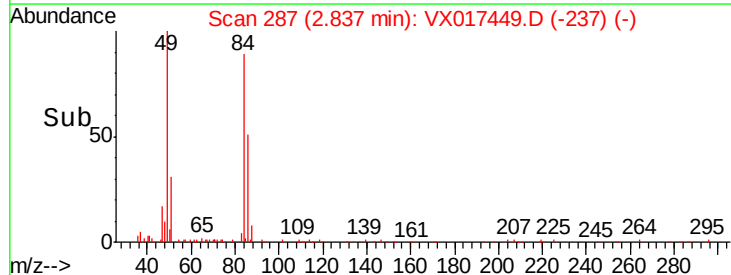
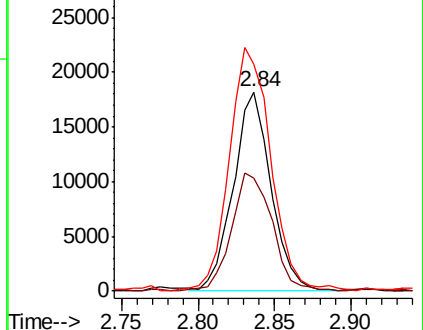
49 113.8 81.0 150.4

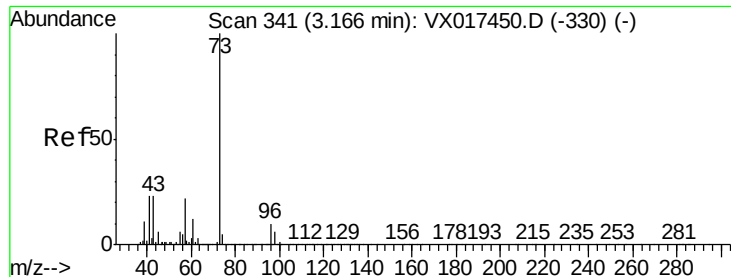


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

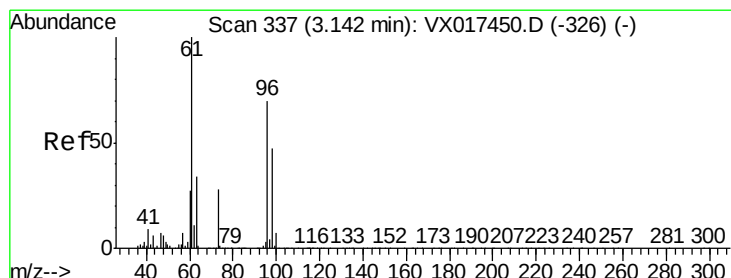
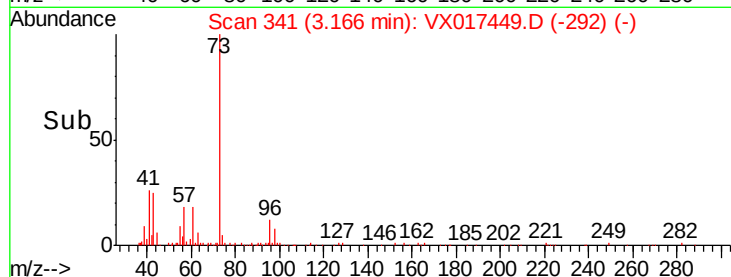
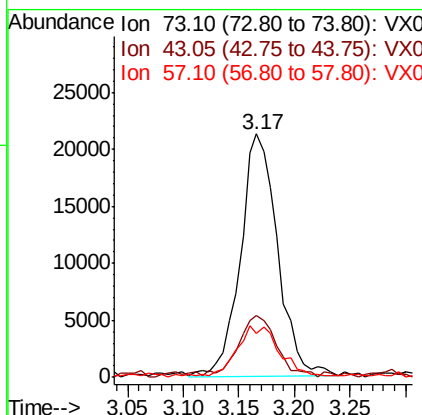
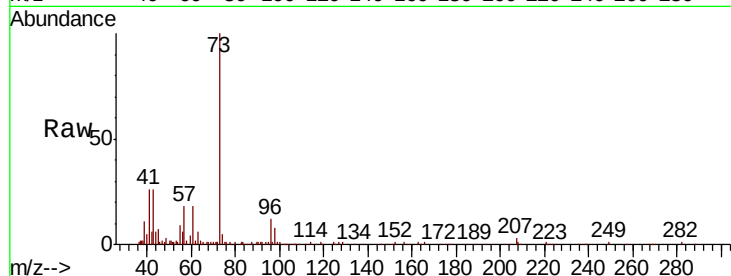




#17
Methyl tert-butyl Ether
Concen: 1.013 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

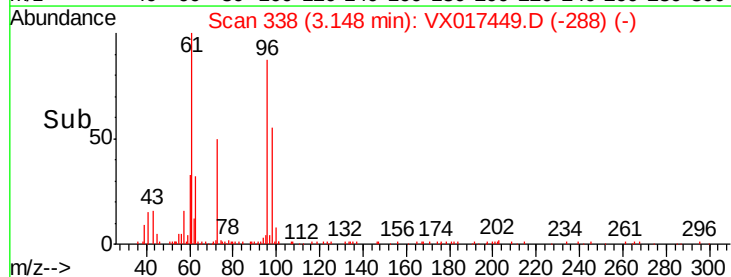
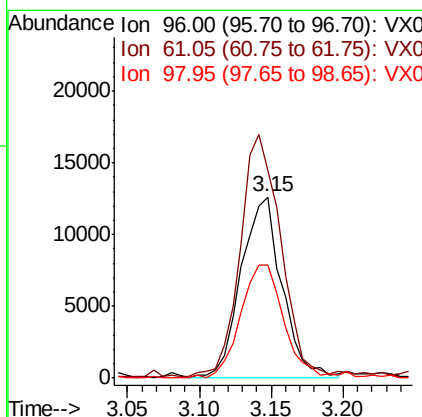
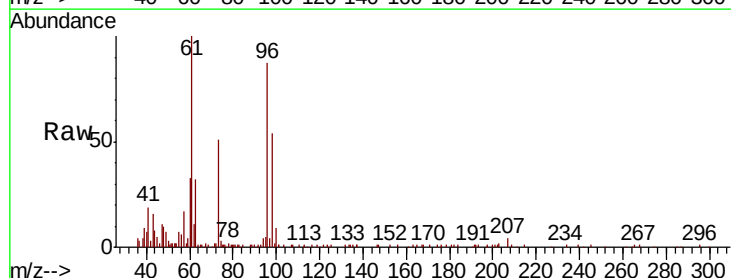
Instrument :
MSVOA_X
ClientSampled :
VSTD00162

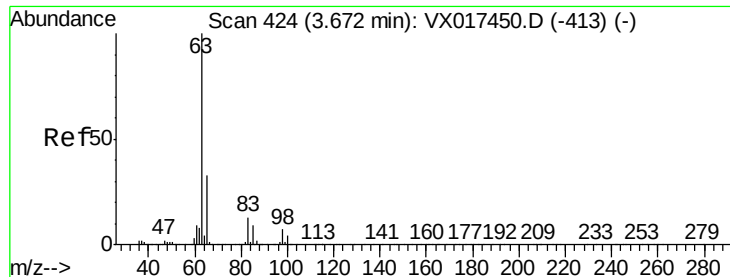
Tot Ion	Ratio	Lower	Upper
73	100		
43	26.4	17.8	26.6
57	23.4	17.8	26.8



#18
trans-1,2-Dichloroethene
Concen: 1.204 ug/L
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	114.5	99.8	185.4
98	62.3	46.4	86.2

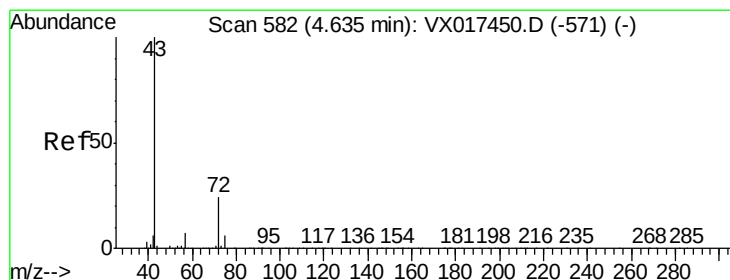
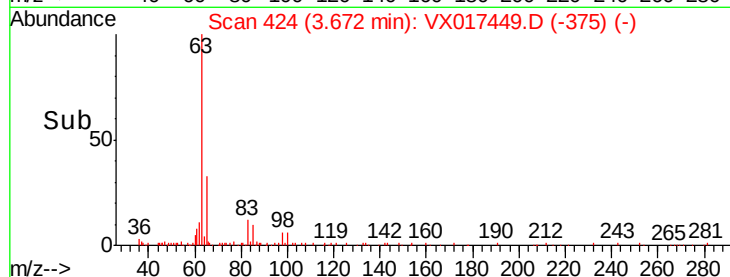
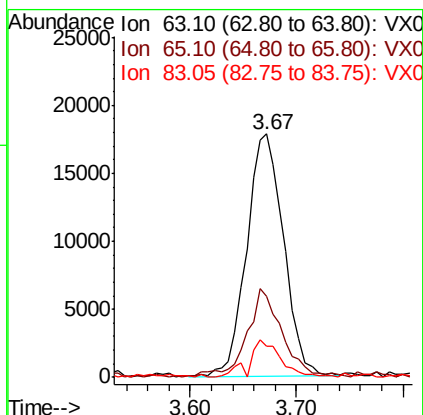
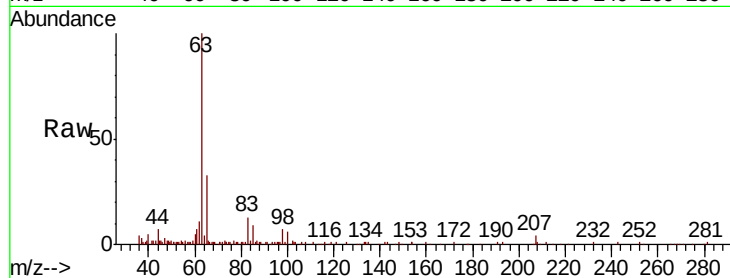




#19
 1,1-Dichloroethane
 Concen: 1.107 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017449.D
 Acq: 21 Jul 2020 11:39

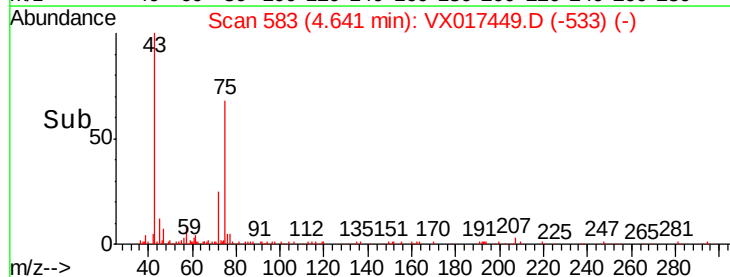
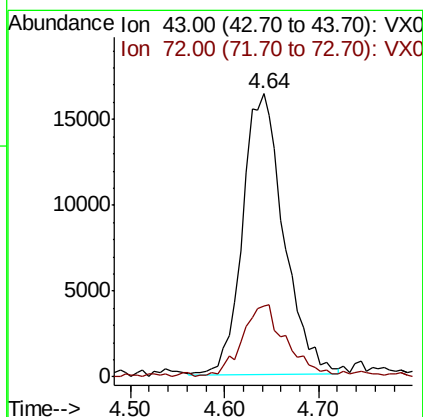
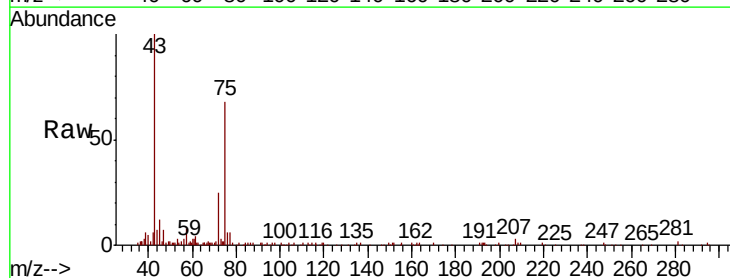
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00162

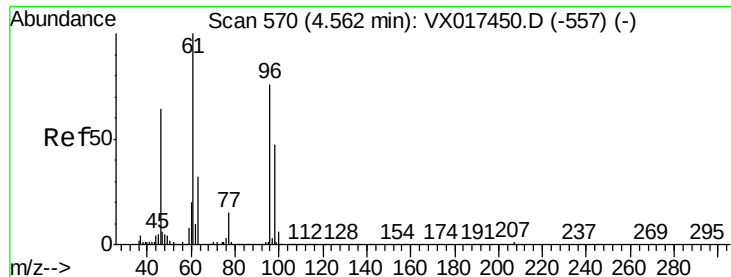
Tot Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.2	43.2
83	12.9	9.4	17.4



#21
 2-Butanone
 Concen: 9.273 ug/L
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX017449.D
 Acq: 21 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
72	27.6	12.1	36.3



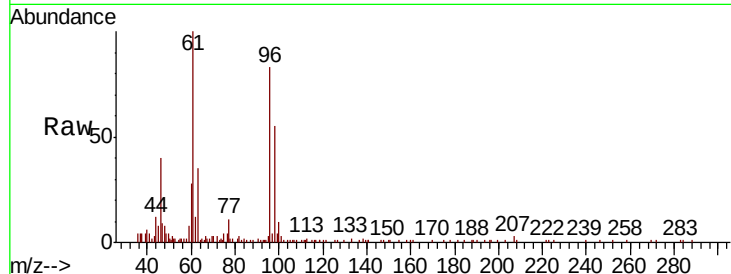


#22

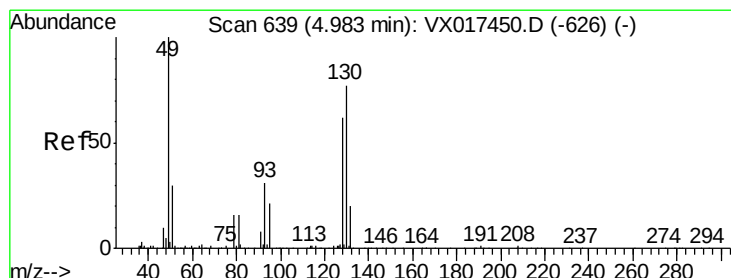
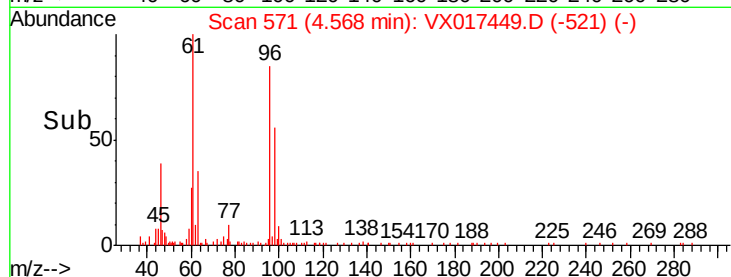
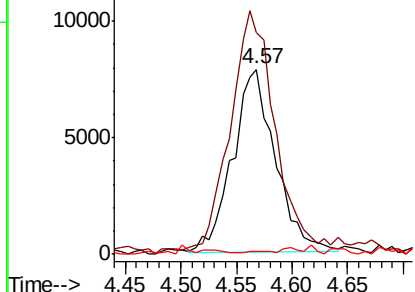
cis-1,2-Dichloroethene
 Concen: 0.948 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017449.D
 Acq: 21 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00162

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.2	91.6	170.2
68	1.8	0.0	0.0#



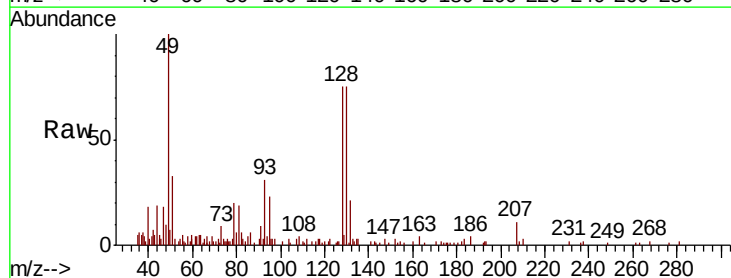
Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.05 (60.75 to 61.75): VX0
 Ion 68.15 (67.85 to 68.85): VX0



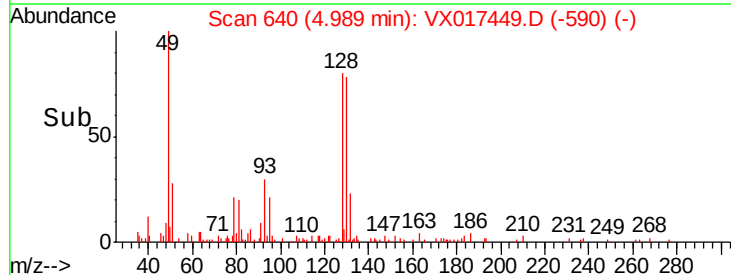
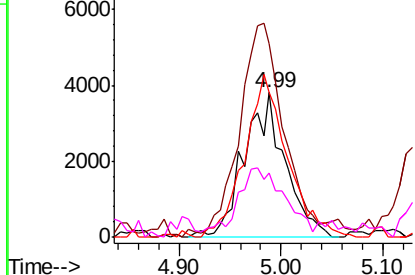
#23

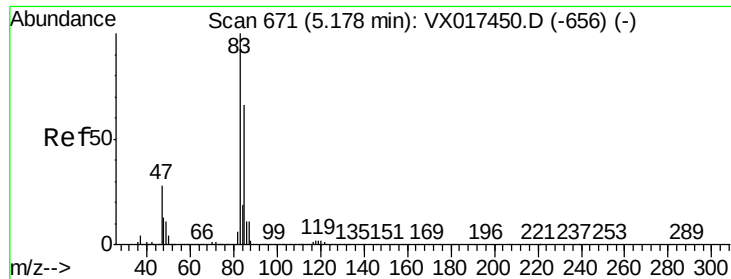
Bromochloromethane
 Concen: 1.120 ug/L
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX017449.D
 Acq: 21 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
128	100		
49	142.9	113.3	210.3
130	100.0	87.3	162.1
51	44.7	39.0	58.6



Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VX0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VX0

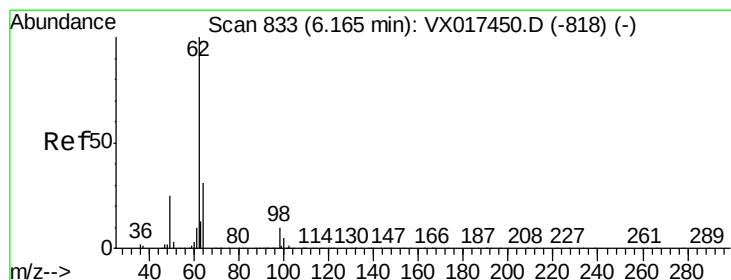
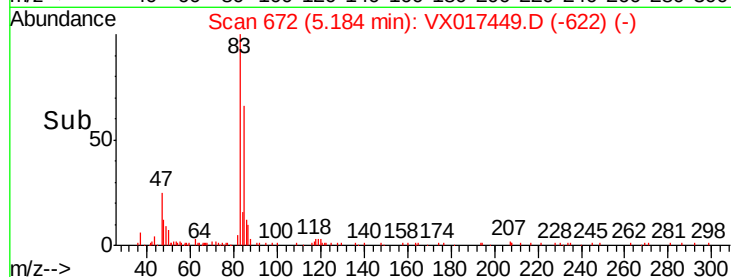
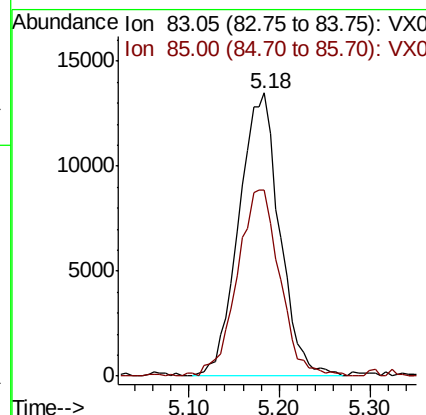
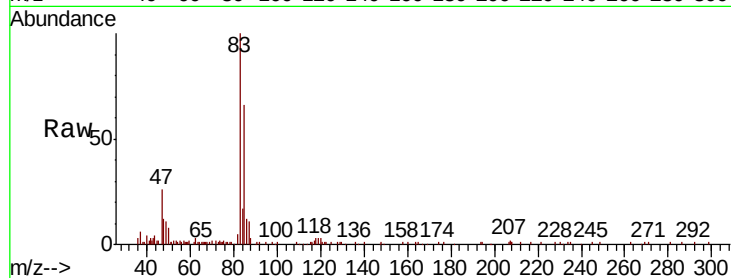




#25
Chloroform
Concen: 0.982 ug/L
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

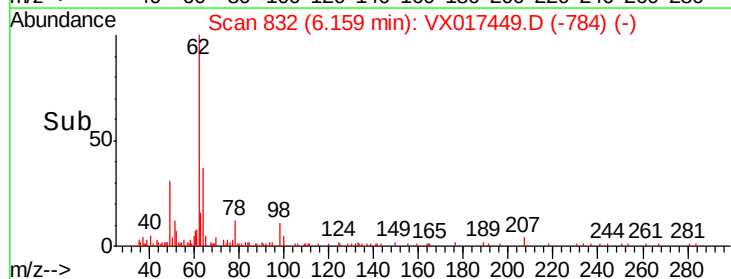
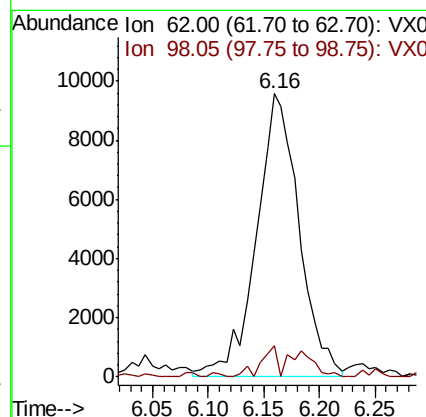
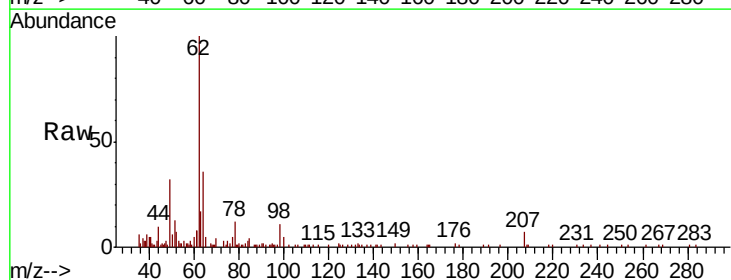
Instrument :
MSVOA_X
ClientSampleId :
VSTD00162

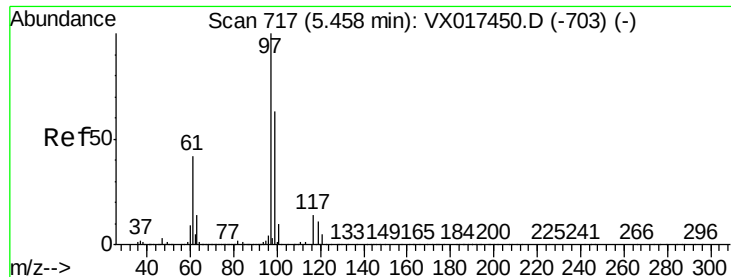
Tot Ion: 83 Resp: 42015
Ion Ratio Lower Upper
83 100
85 65.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 0.951 ug/L
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

Tgt Ion: 62 Resp: 25578
Ion Ratio Lower Upper
62 100
98 11.0 7.7 11.5

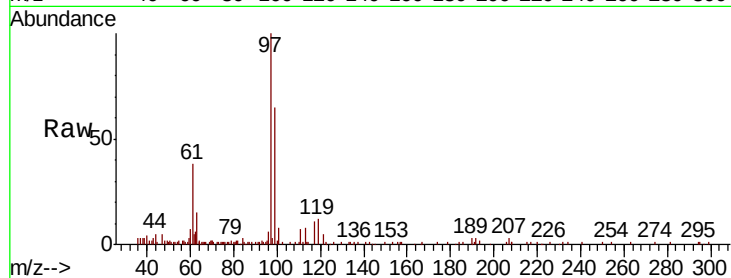




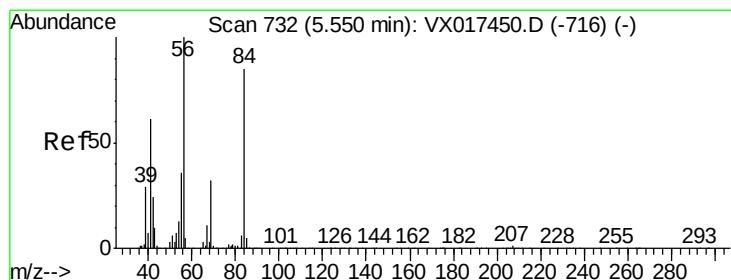
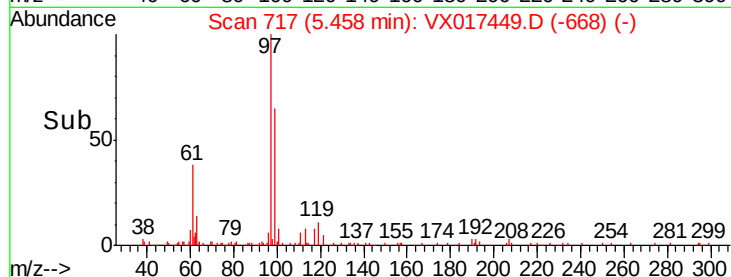
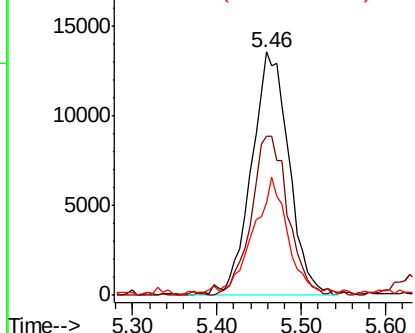
#29
1,1,1-Trichloroethane
Concen: 1.121 ug/L
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTD00162

Tot Ion: 97 Resp: 41330
Ion Ratio Lower Upper
97 100
99 63.8 53.0 79.4
61 43.7 35.2 52.8

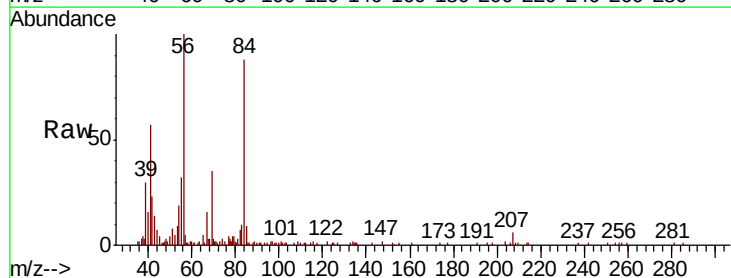


Abundance Ion 96.95 (96.65 to 97.65): VX0
Ion 99.05 (98.75 to 99.75): VX0
Ion 61.05 (60.75 to 61.75): VX0

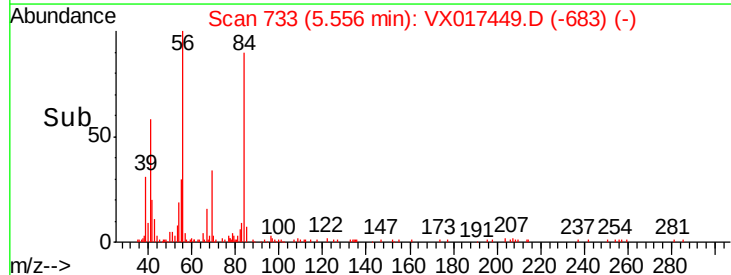
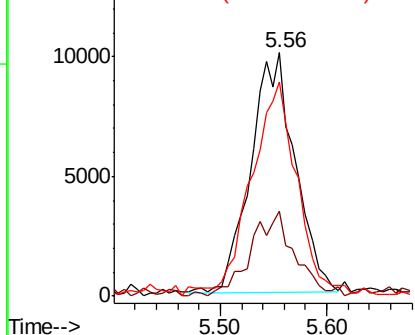


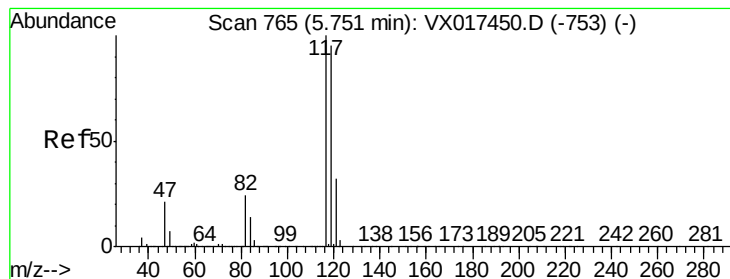
#30
Cyclohexane
Concen: 0.812 ug/L
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

Tgt Ion: 56 Resp: 29185
Ion Ratio Lower Upper
56 100
69 35.5 25.4 38.2
84 88.2 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: 1.071 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

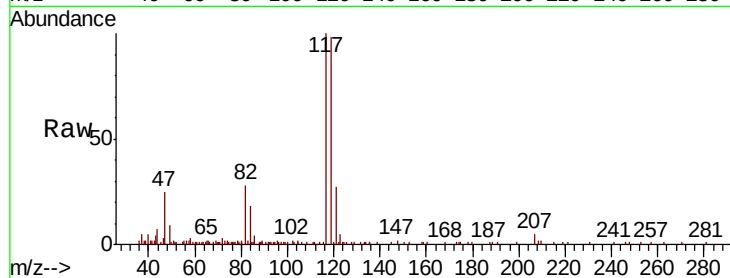
VSTD00162

Tot Ion:117 Resp: 34528

Ion Ratio Lower Upper

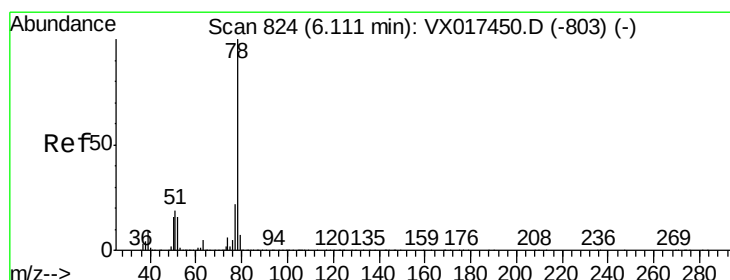
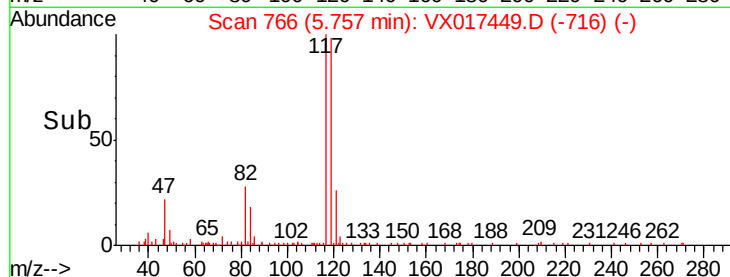
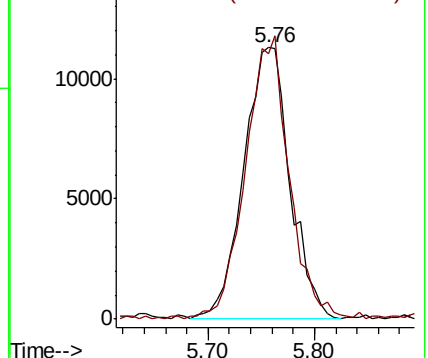
117 100

119 97.8 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: 1.020 ug/L

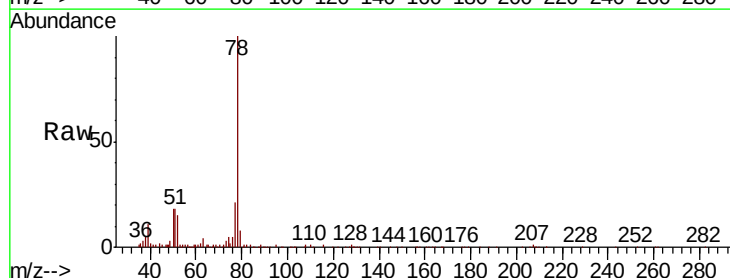
RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

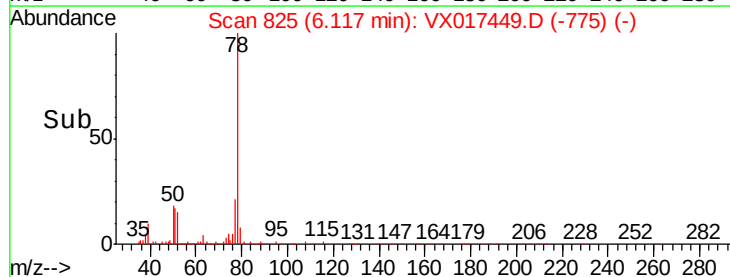
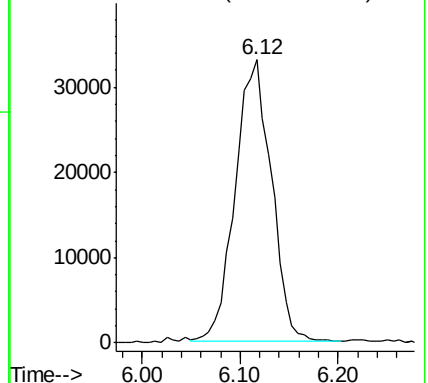
Lab File: VX017449.D

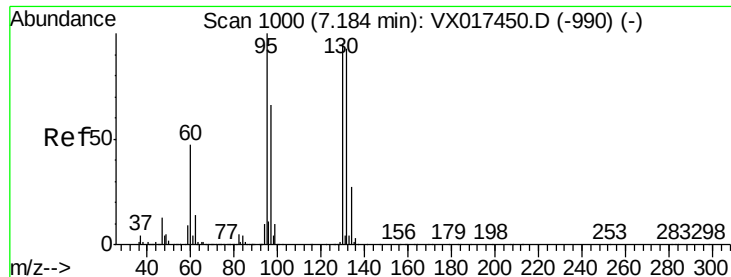
Acq: 21 Jul 2020 11:39

Tgt Ion: 78 Resp: 85134



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 0.948 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD00162

Tot Ion: 95 Resp: 22146

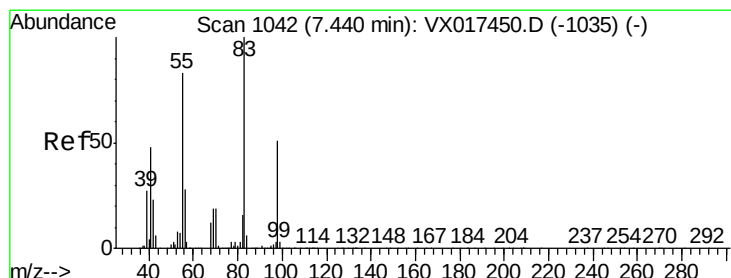
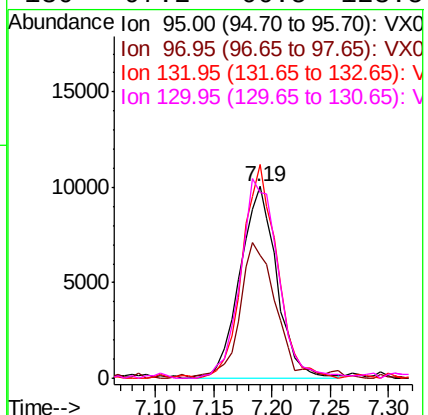
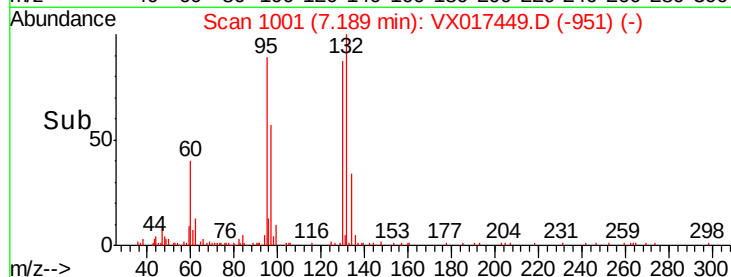
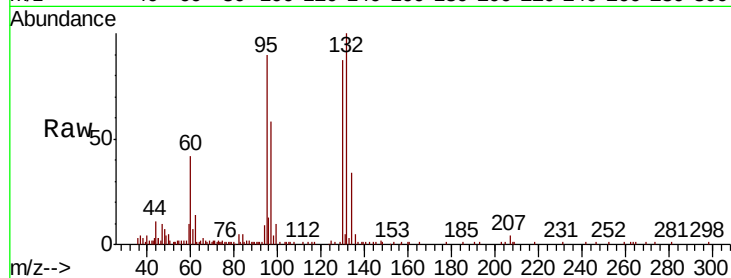
Ion Ratio Lower Upper

95 100

97 64.5 45.9 85.3

132 111.5 65.5 121.7

130 97.2 66.5 123.5



#35

Methylcyclohexane

Concen: 0.786 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

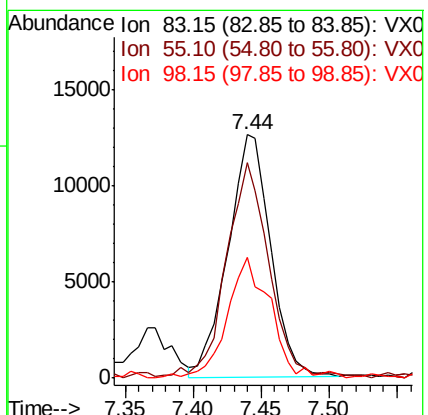
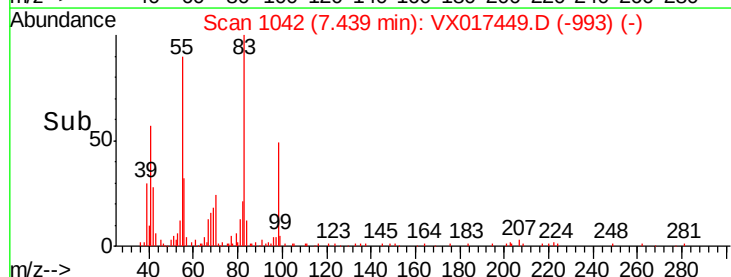
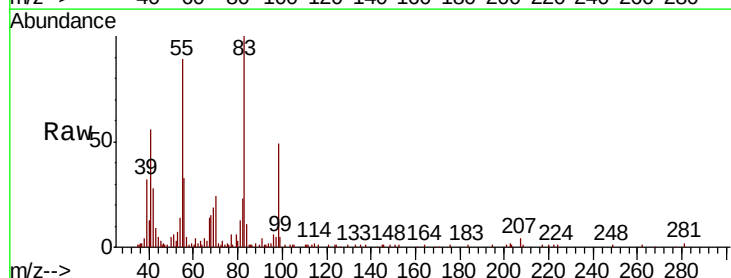
Tgt Ion: 83 Resp: 27530

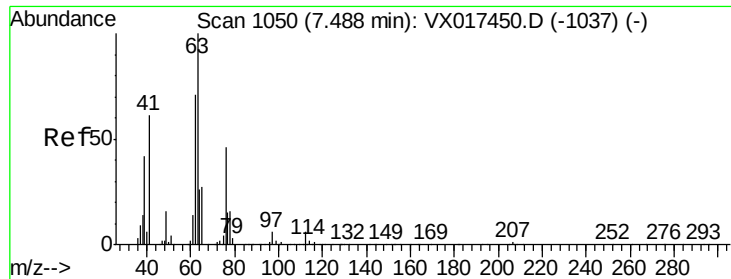
Ion Ratio Lower Upper

83 100

55 90.2 65.4 98.2

98 50.2 39.8 59.8

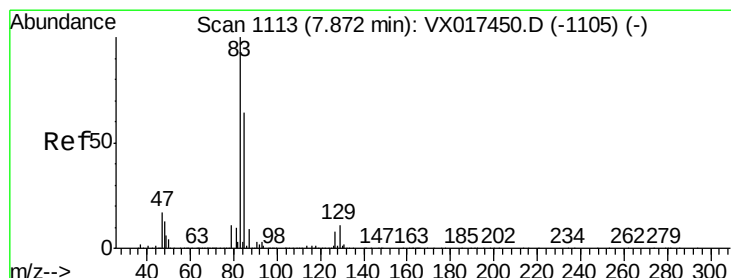
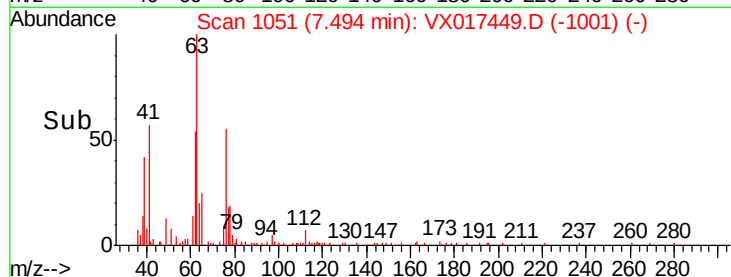
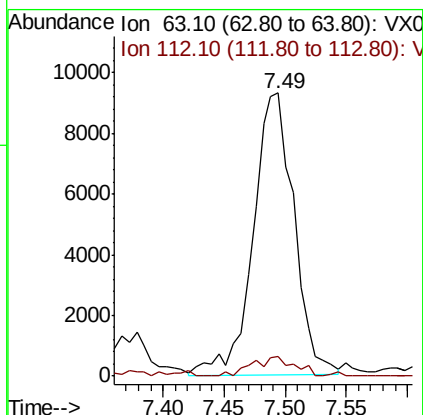
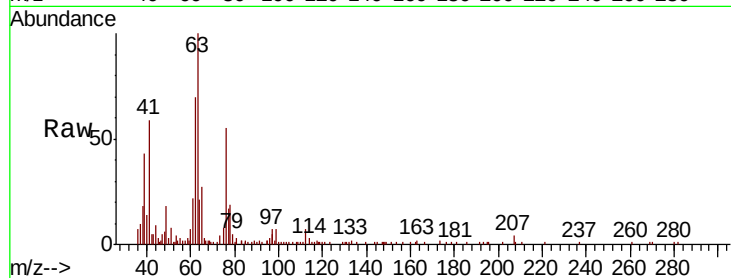




#37
 1,2-Dichloropropane
 Concen: 1.002 ug/L
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017449.D
 Acq: 21 Jul 2020 11:39

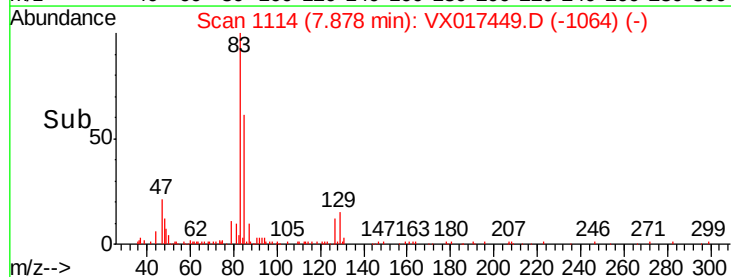
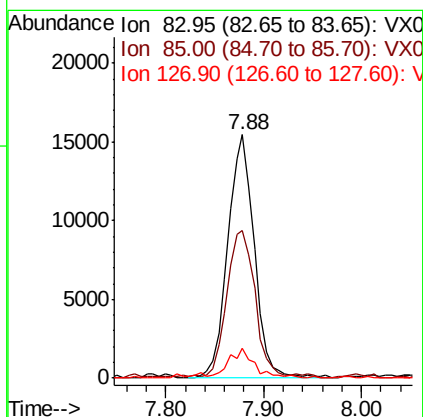
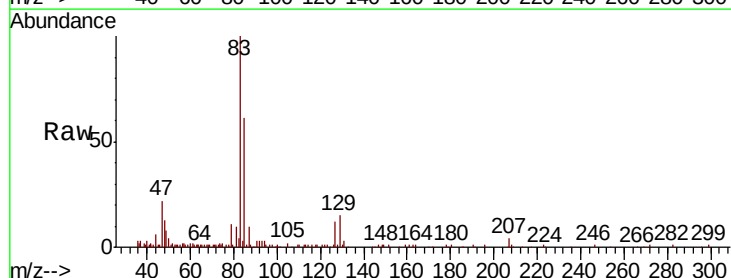
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTD00162

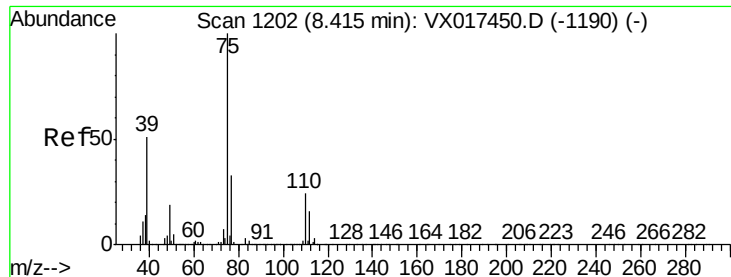
Tot Ion: 63 Resp: 21593
 Ion Ratio Lower Upper
 63 100
 112 7.1 3.8 5.8#



#38
 Bromodichloromethane
 Concen: 1.088 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VX017449.D
 Acq: 21 Jul 2020 11:39

Tgt Ion: 83 Resp: 29181
 Ion Ratio Lower Upper
 83 100
 85 60.7 44.7 83.1
 127 12.1 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.978 ug/L

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

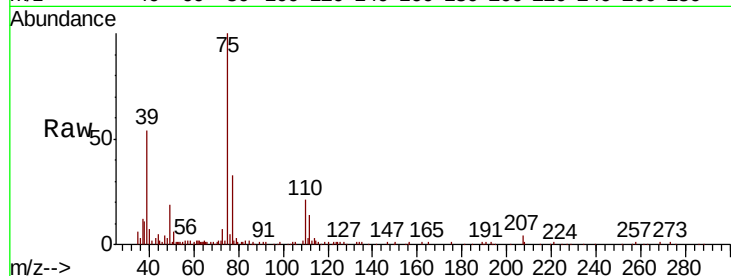
VSTD00162

Tot Ion: 75 Resp: 29274

Ion Ratio Lower Upper

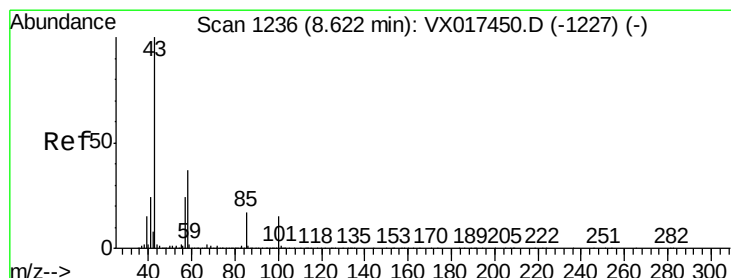
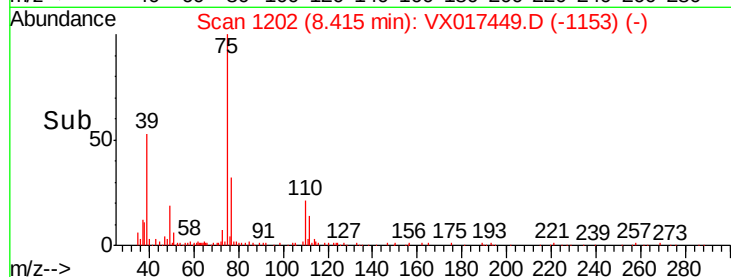
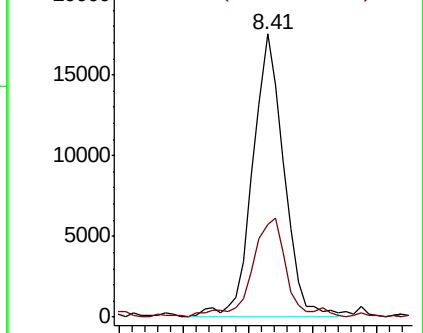
75 100

77 32.8 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: 8.383 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

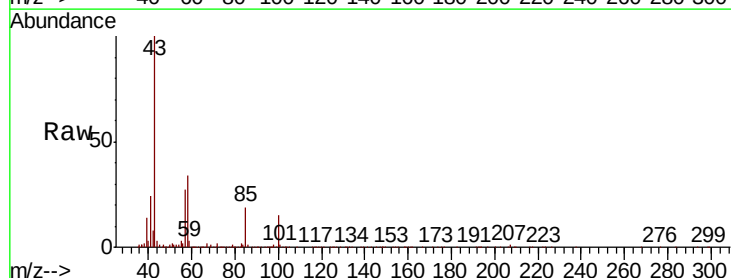
Tgt Ion: 43 Resp: 110338

Ion Ratio Lower Upper

43 100

58 35.7 30.1 45.1

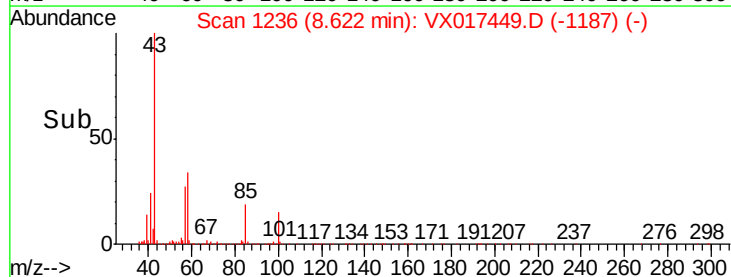
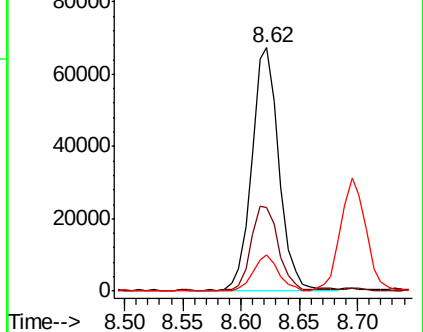
100 13.9 6.5 9.7#

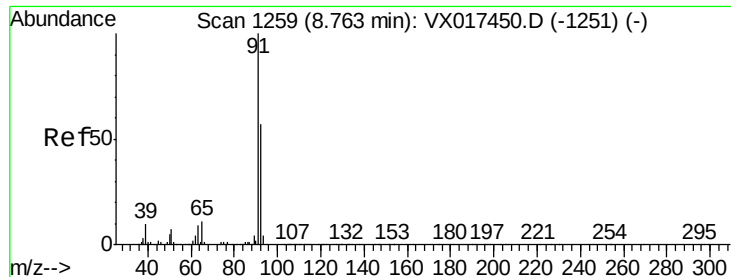


Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 100.15 (99.85 to 100.85): V





#42

Toluene

Concen: 0.949 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

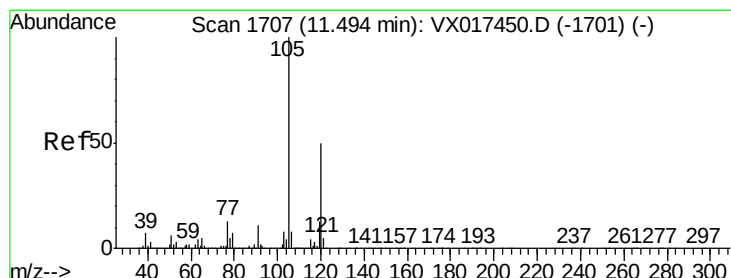
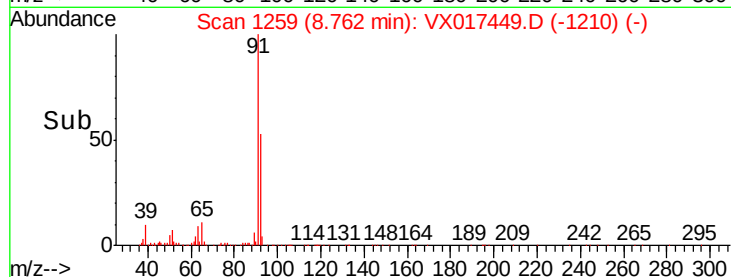
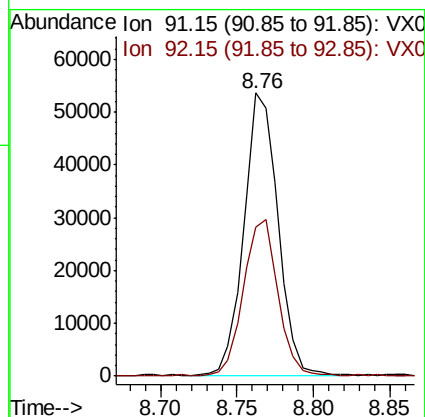
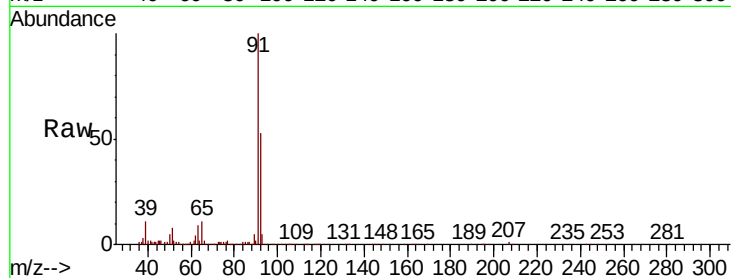
VSTD00162

Tot Ion: 91 Resp: 82840

Ion Ratio Lower Upper

91 100

92 52.6 39.9 74.1



#43

1,3,5-Trimethylbenzene

Concen: 0.845 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017449.D

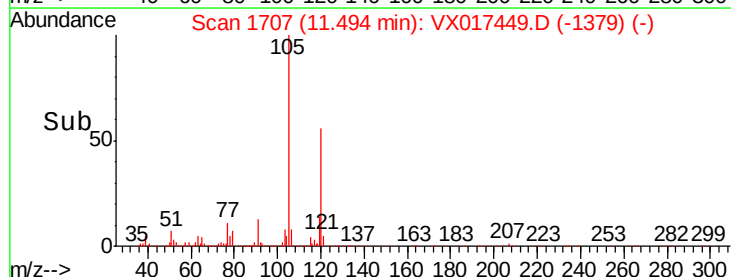
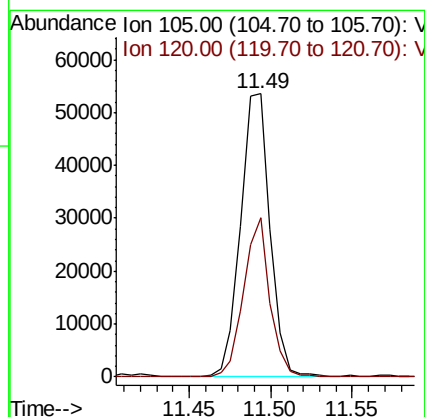
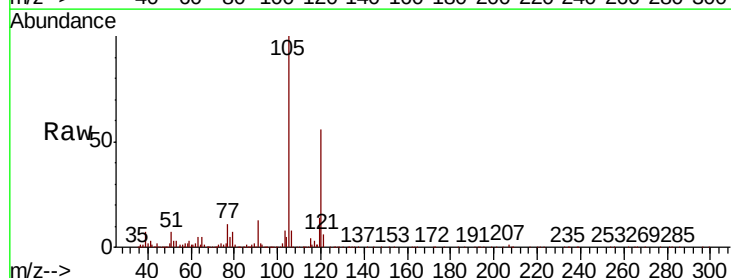
Acq: 21 Jul 2020 11:39

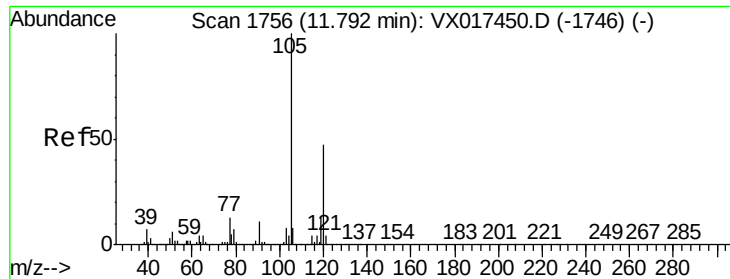
Tgt Ion: 105 Resp: 67721

Ion Ratio Lower Upper

105 100

120 49.8 38.2 57.2





#44

1,2,4-Trimethylbenzene

Concen: 0.841 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

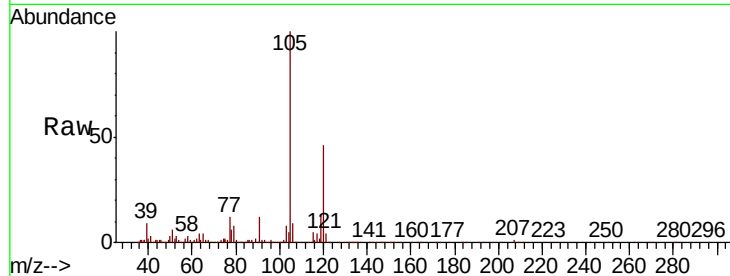
VSTD00162

Tot Ion:105 Resp: 66590

Ion Ratio Lower Upper

105 100

120 44.0 36.5 54.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

50000

40000

30000

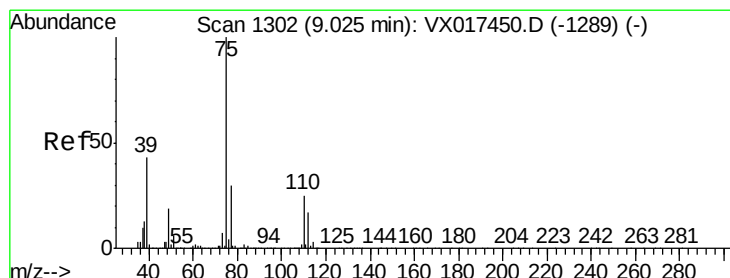
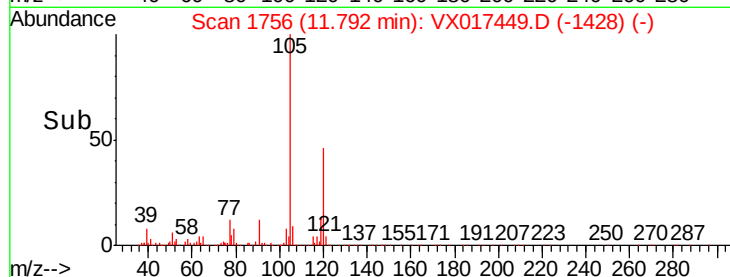
20000

10000

0

11.75 11.80 11.85

Time-->



#46

trans-1,3-Dichloropropene

Concen: 0.966 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017449.D

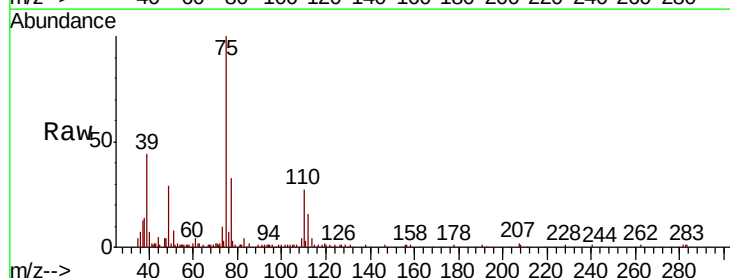
Acq: 21 Jul 2020 11:39

Tgt Ion: 75 Resp: 24488

Ion Ratio Lower Upper

75 100

77 32.7 21.4 39.8



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

15000

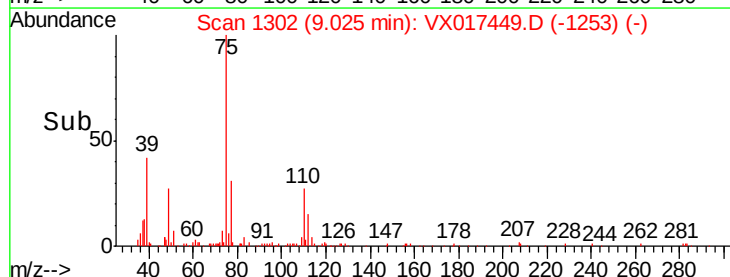
10000

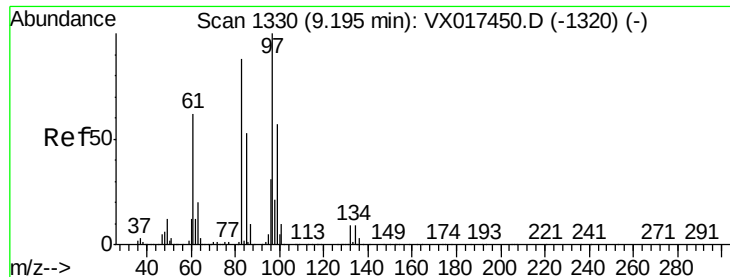
5000

0

8.95 9.00 9.05 9.10

Time-->





#47

1,1,2-Trichloroethane

Concen: 1.092 ug/L

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD00162

Tot Ion: 97 Resp: 15490

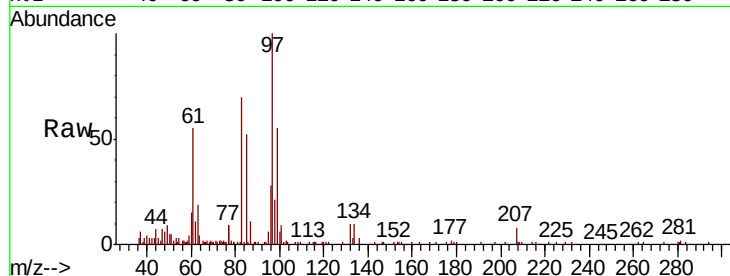
Ion Ratio Lower Upper

97 100

99 55.2 40.2 74.6

83 70.2 61.6 114.4

85 52.4 37.5 69.6

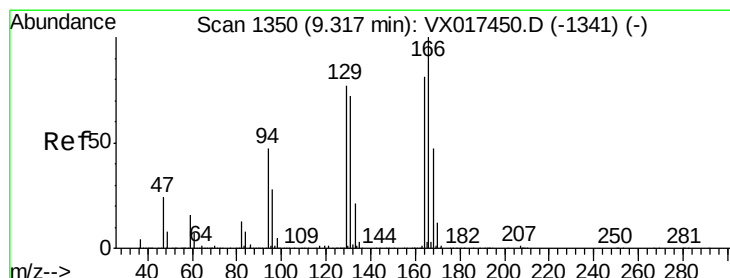
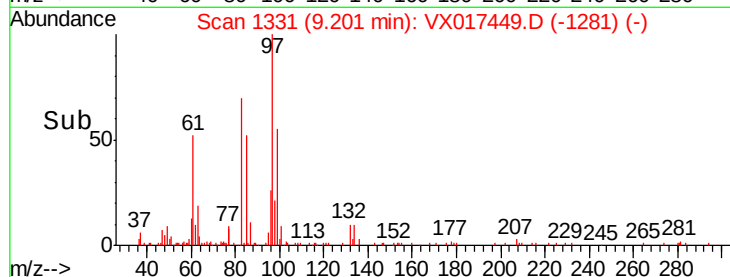
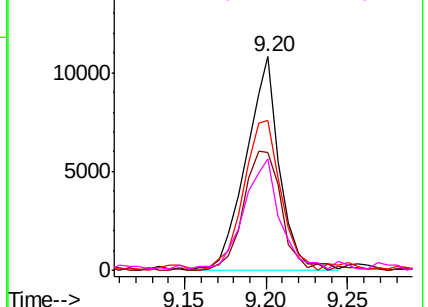


Abundance Ion 96.95 (96.65 to 97.65): VX0

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: 1.188 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Tgt Ion:164 Resp: 19991

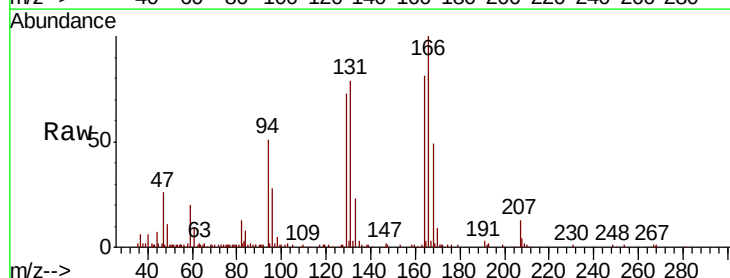
Ion Ratio Lower Upper

164 100

129 89.6 66.6 123.8

131 97.7 62.6 116.2

166 123.1 86.9 161.5

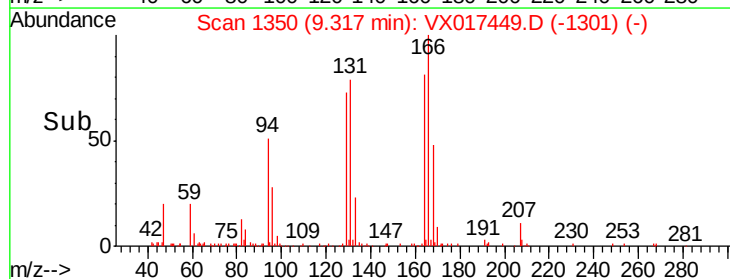
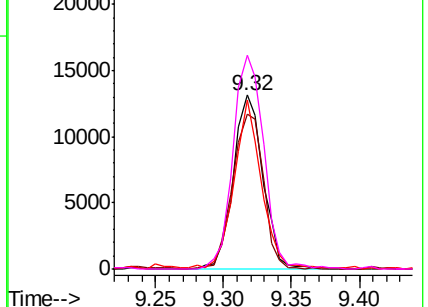


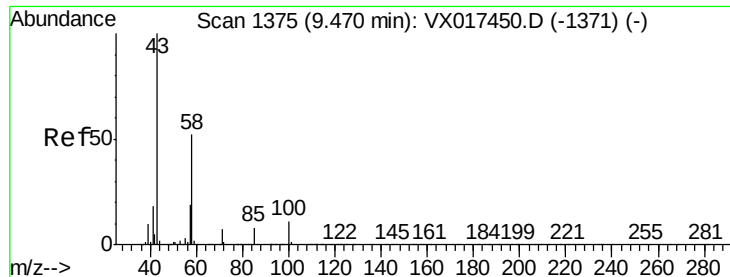
Abundance Ion 163.90 (163.60 to 164.60): V

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: 8.445 ug/L

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD00162

Tot Ion: 43 Resp: 78251

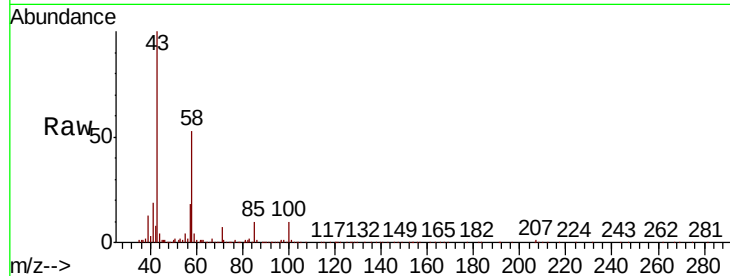
Ion Ratio Lower Upper

43 100

58 48.7 41.4 62.0

57 17.7 26.9 40.3#

100 10.9 16.0 24.0#



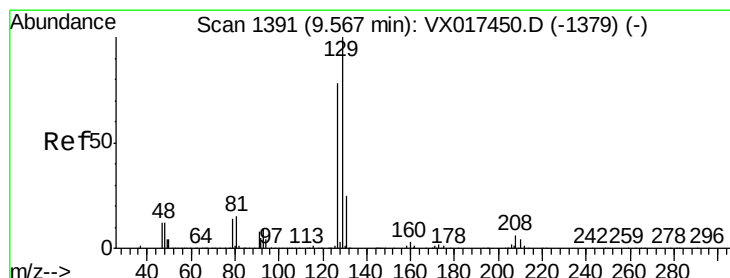
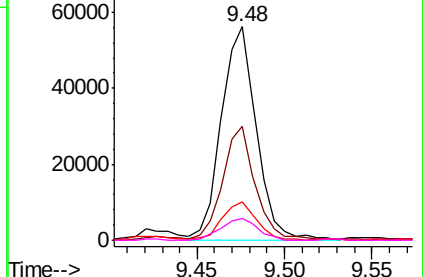
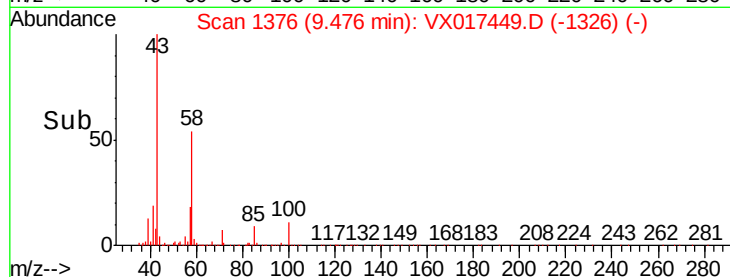
Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): V

Time-->



#51

Dibromochloromethane

Concen: 1.227 ug/L

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX017449.D

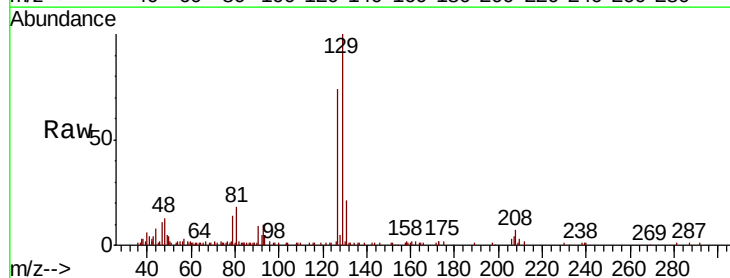
Acq: 21 Jul 2020 11:39

Tgt Ion:129 Resp: 20214

Ion Ratio Lower Upper

129 100

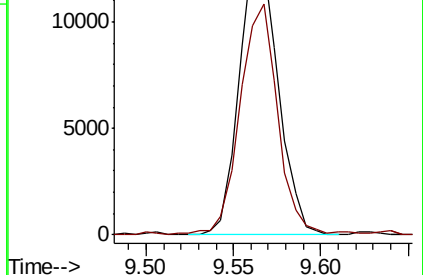
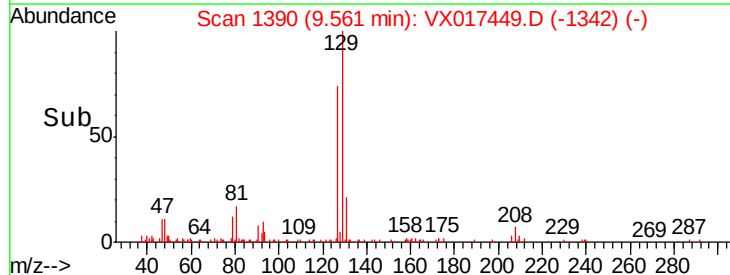
127 74.1 54.7 101.5

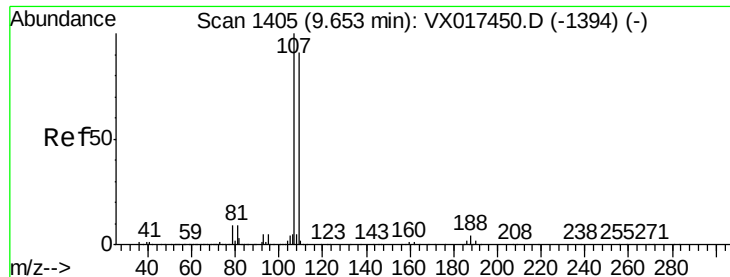


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

Time-->





#52

1,2-Dibromoethane

Concen: 1.075 ug/L

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD00162

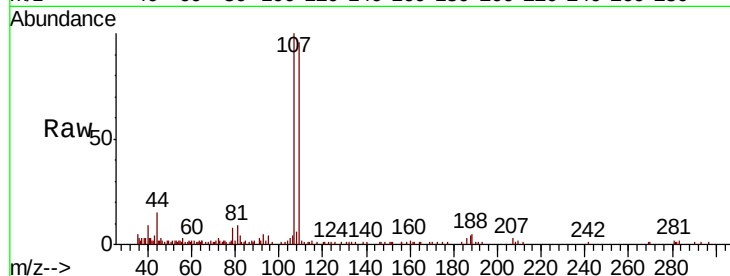
Tot Ion:107 Resp: 14104

Ion Ratio Lower Upper

107 100

109 95.5 63.9 118.7

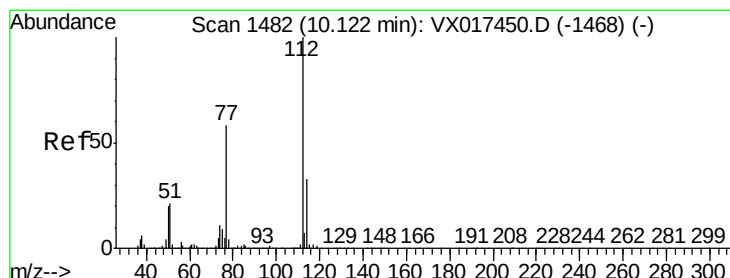
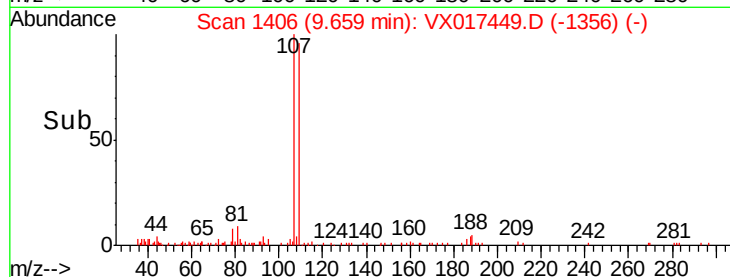
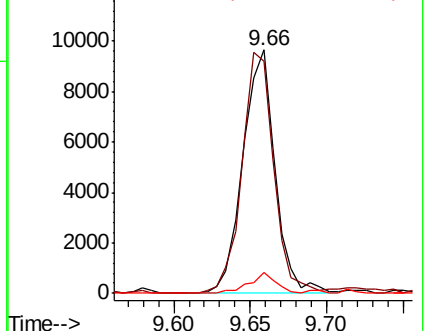
188 8.7 3.0 4.4#



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: 1.055 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

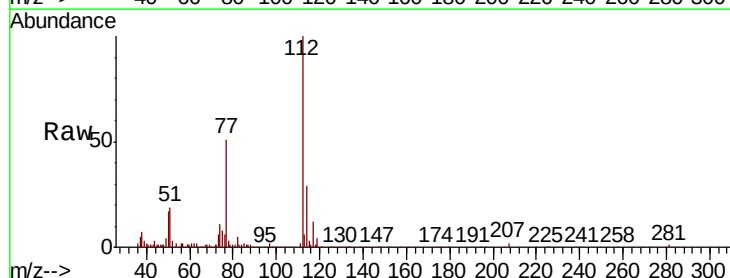
Tgt Ion:112 Resp: 59911

Ion Ratio Lower Upper

112 100

114 29.4 23.1 42.9

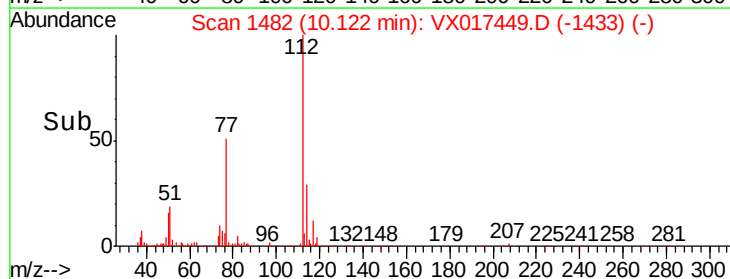
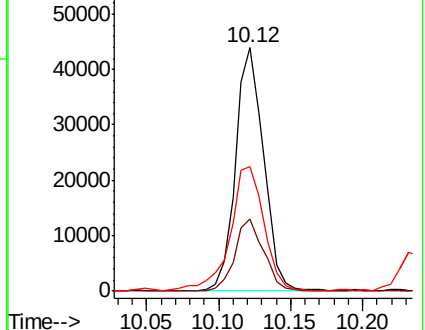
77 51.3 46.2 69.2

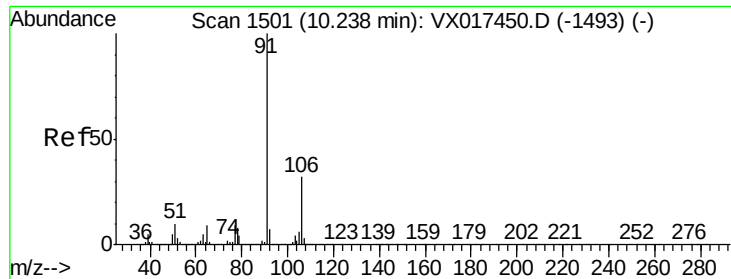


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 0.902 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

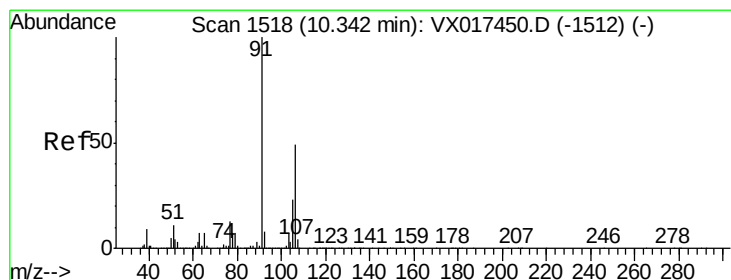
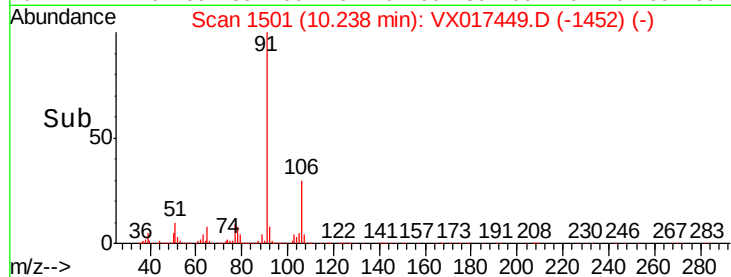
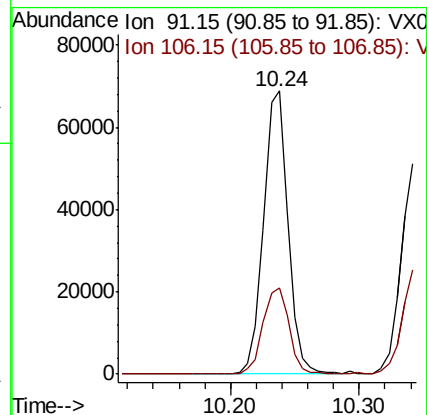
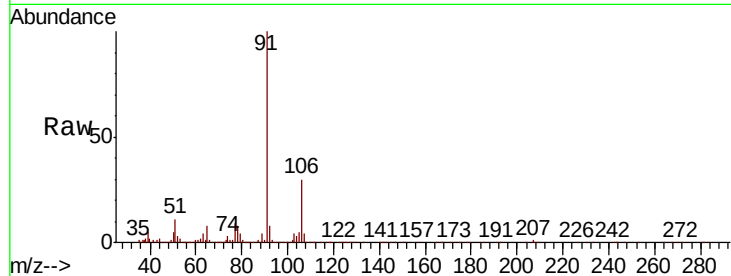
VSTD00162

Tot Ion: 91 Resp: 89348

Ion Ratio Lower Upper

91 100

106 30.3 22.5 41.7



#55

m,p-xylene

Concen: 0.903 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017449.D

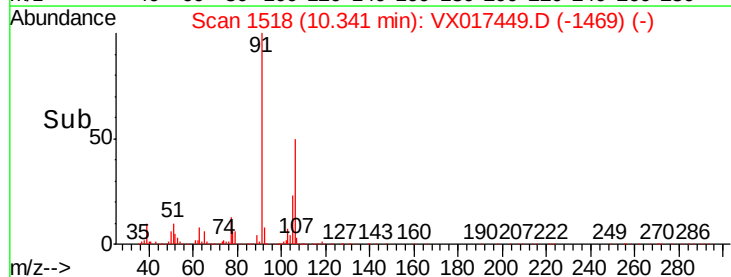
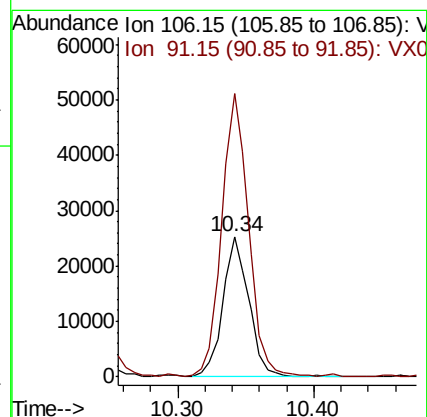
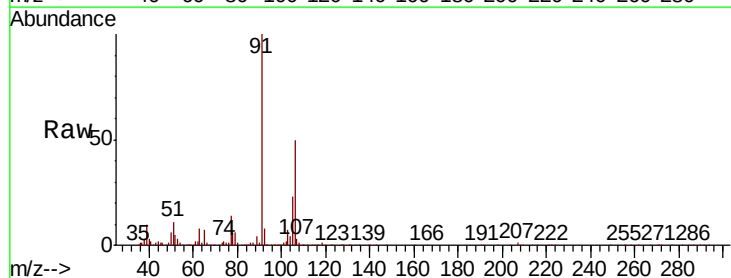
Acq: 21 Jul 2020 11:39

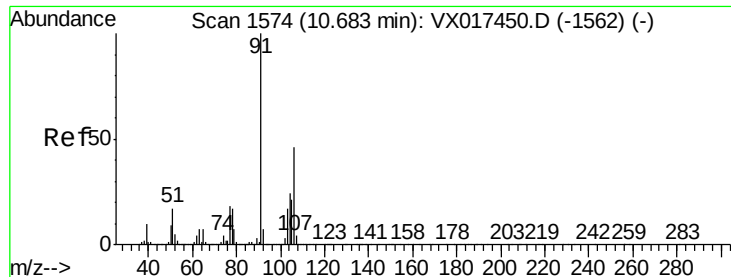
Tgt Ion: 106 Resp: 33518

Ion Ratio Lower Upper

106 100

91 201.2 142.7 264.9

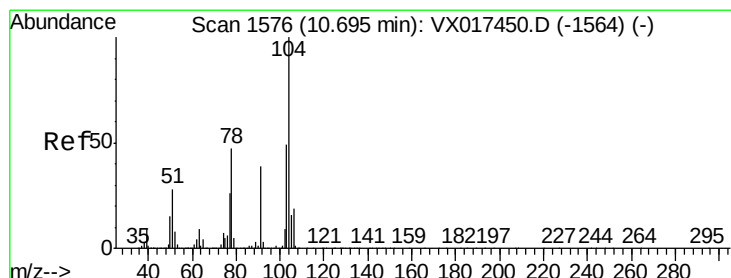
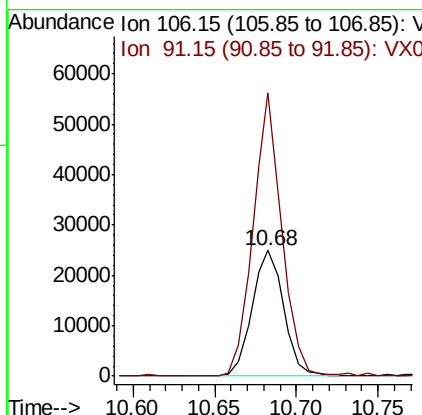
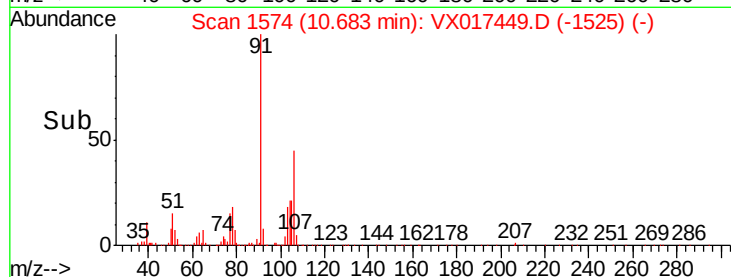
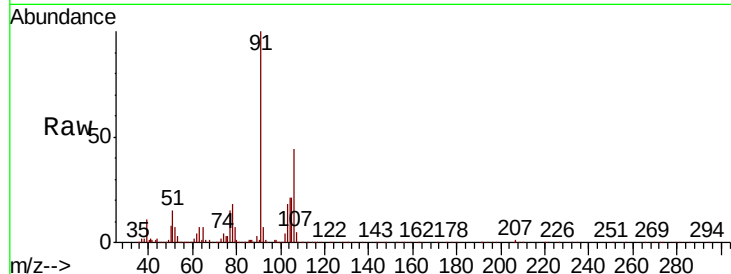




#56
o-xylene
Concen: 0.944 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

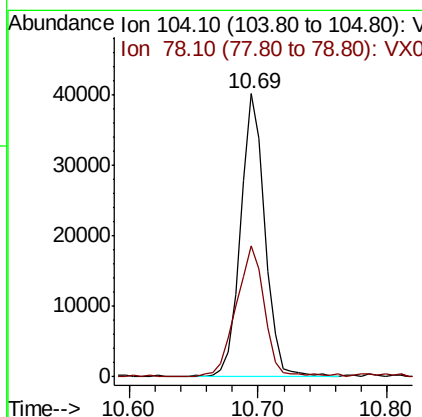
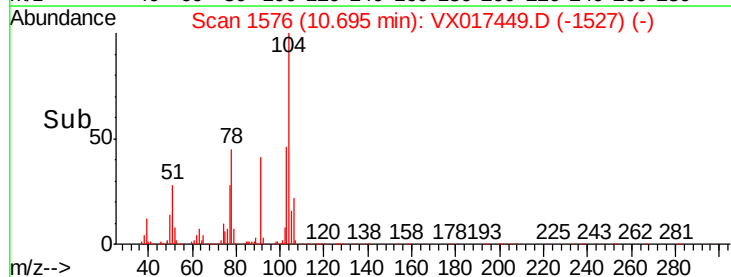
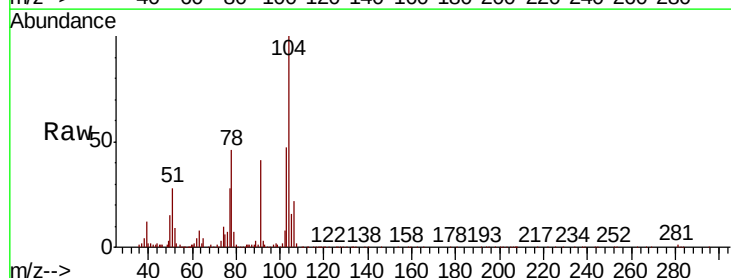
Instrument :
MSVOA_X
ClientSampleId :
VSTD00162

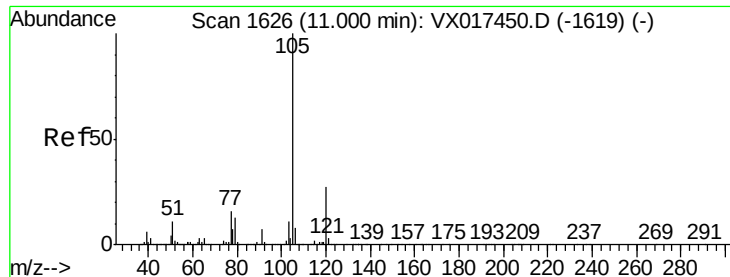
Tot Ion:106 Resp: 33424
Ion Ratio Lower Upper
106 100
91 225.3 153.4 284.8



#57
Styrene
Concen: 0.883 ug/L
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017449.D
Acq: 21 Jul 2020 11:39

Tgt Ion:104 Resp: 52416
Ion Ratio Lower Upper
104 100
78 46.1 32.6 60.6





#58

Isopropylbenzene

Concen: 0.866 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD00162

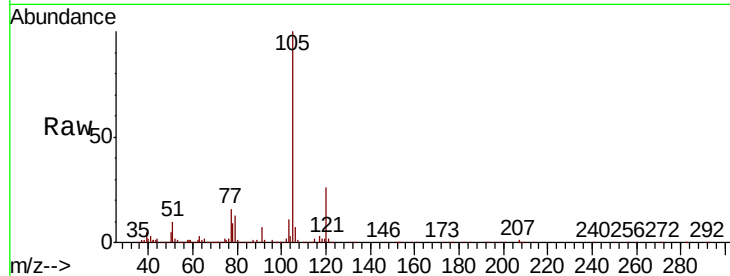
Tot Ion:105 Resp: 83513

Ion Ratio Lower Upper

105 100

120 27.3 21.4 32.2

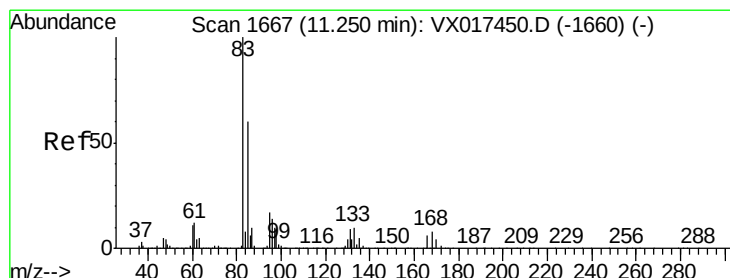
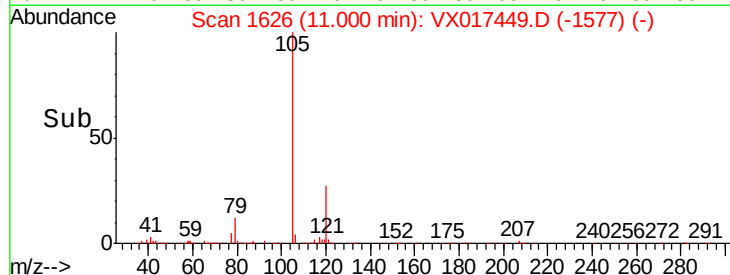
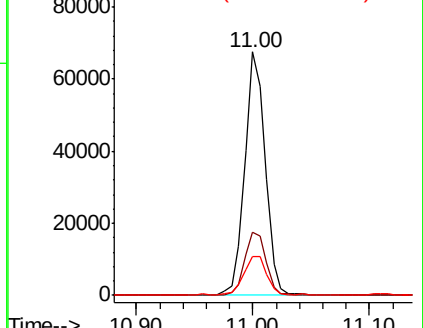
77 17.5 13.0 19.6



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: 1.052 ug/L

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

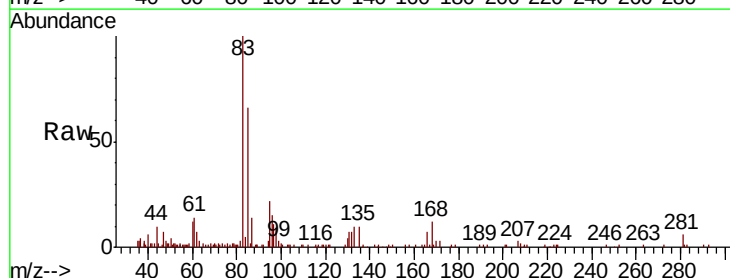
Tgt Ion: 83 Resp: 16650

Ion Ratio Lower Upper

83 100

85 66.1 42.1 78.1

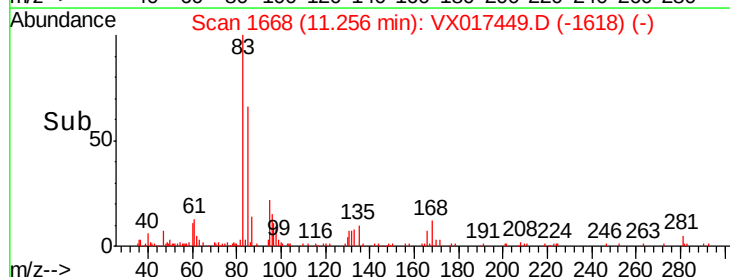
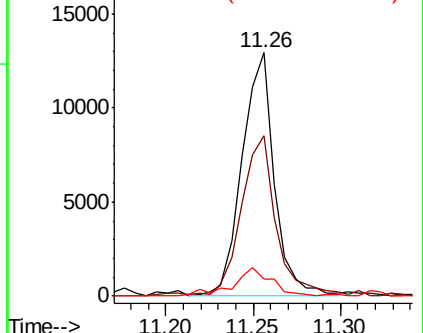
131 7.1 7.7 11.5#

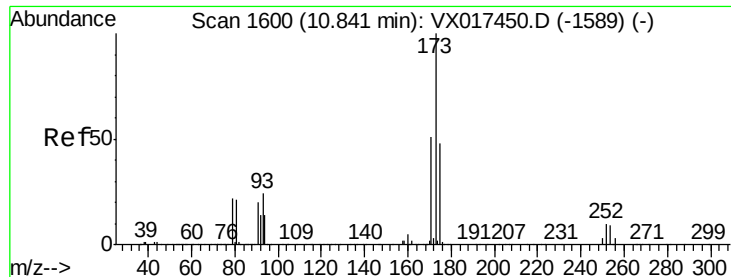


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 1.361 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD00162

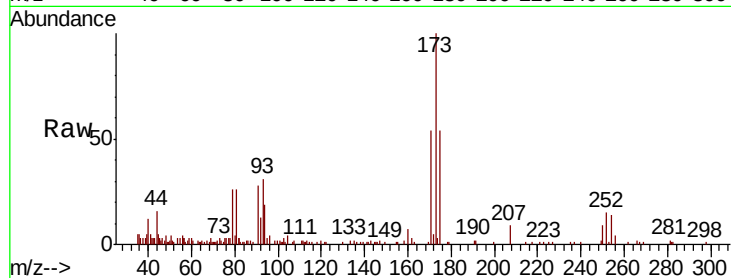
Tot Ion:173 Resp: 11261

Ion Ratio Lower Upper

173 100

175 53.5 38.4 57.6

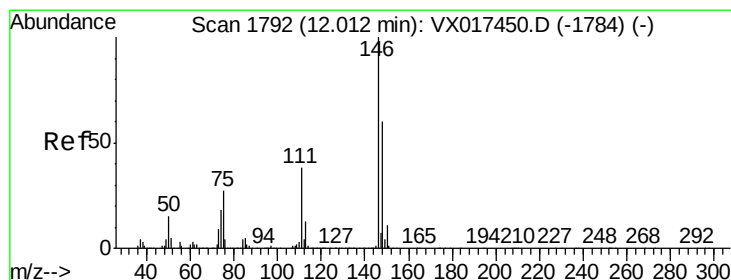
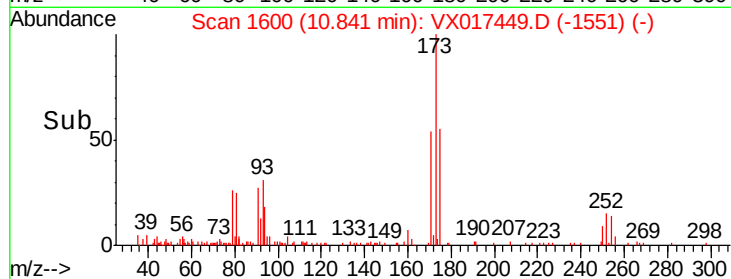
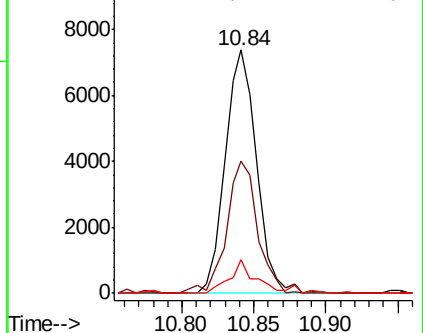
254 11.2 7.4 11.2#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 1.055 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

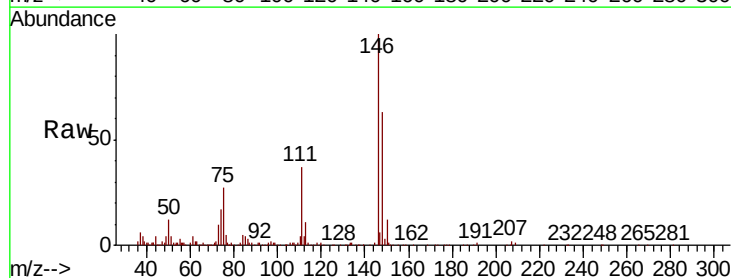
Tgt Ion:146 Resp: 45118

Ion Ratio Lower Upper

146 100

111 37.0 26.8 49.8

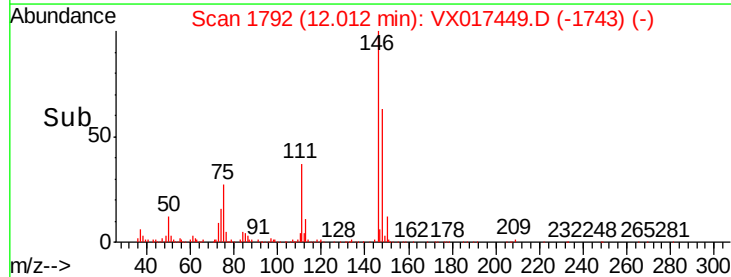
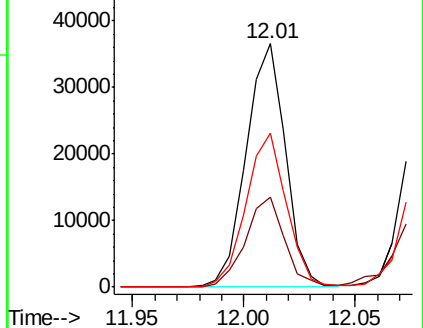
148 63.5 42.1 78.3

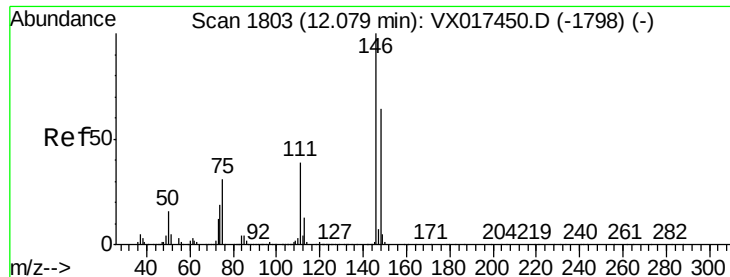


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#64

1,4-Dichlorobenzene

Concen: 1.007 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD00162

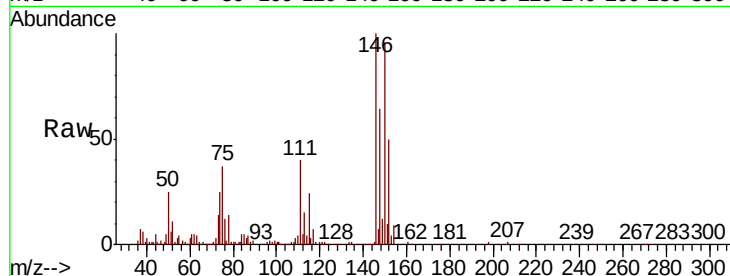
Tot Ion:146 Resp: 43264

Ion Ratio Lower Upper

146 100

111 40.1 27.7 51.5

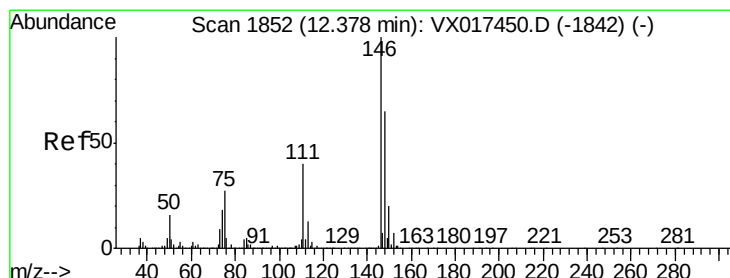
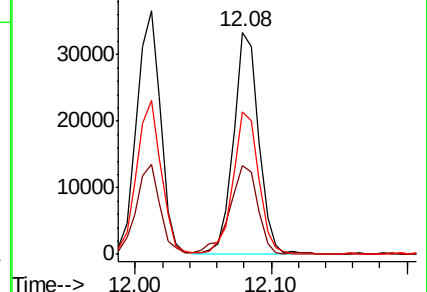
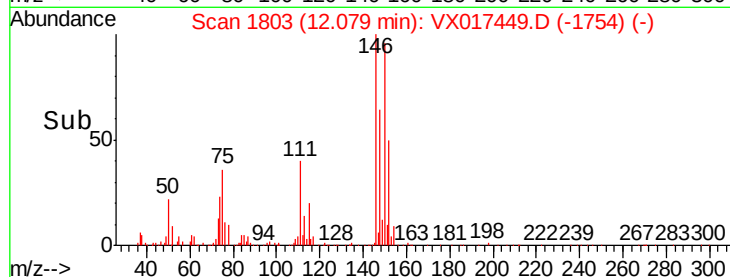
148 64.2 44.9 83.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dichlorobenzene

Concen: 1.075 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

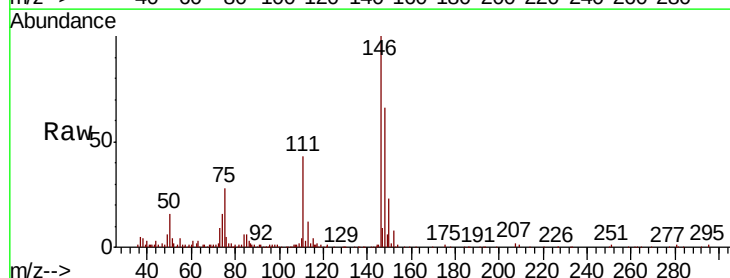
Tgt Ion:146 Resp: 41698

Ion Ratio Lower Upper

146 100

111 42.9 31.8 47.6

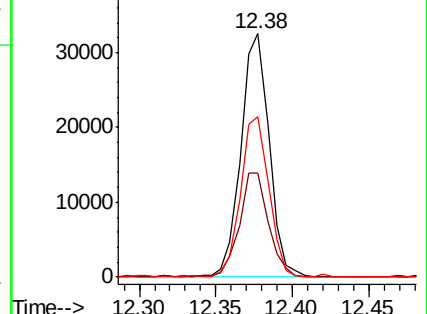
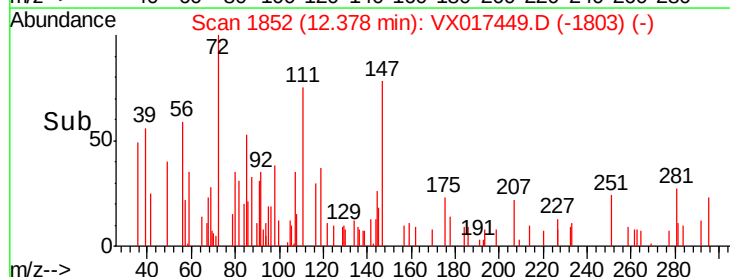
148 65.9 51.8 77.8

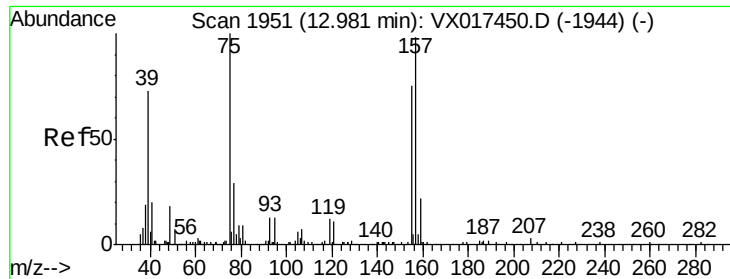


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#67

1,2-Dibromo-3-chloropropane

Concen: 1.652 ug/L

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD00162

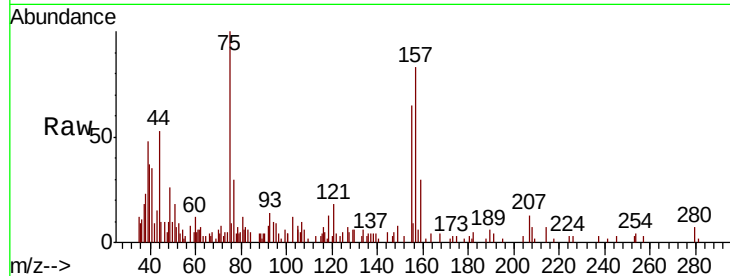
Tot Ion: 75 Resp: 4468

Ion Ratio Lower Upper

75 100

155 65.2 59.6 89.4

157 82.6 78.7 118.1

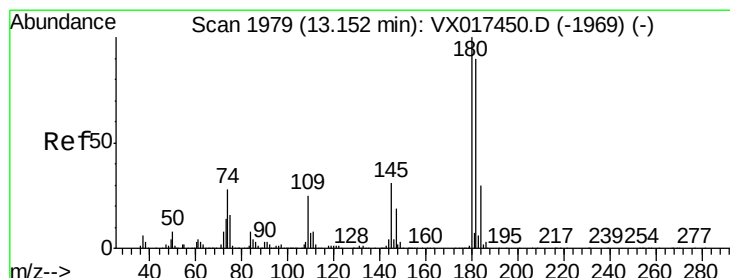
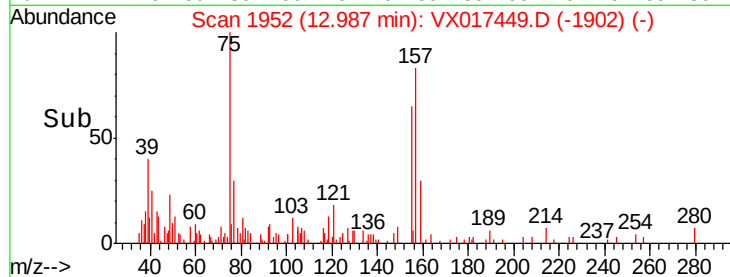
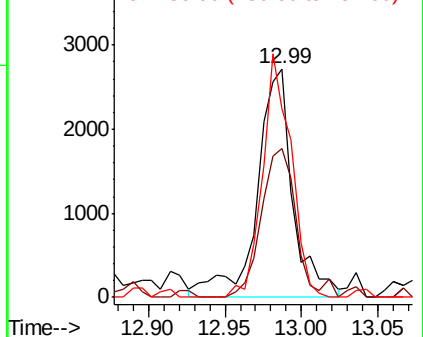


Abundance

Ion 75.05 (74.75 to 75.75): VX

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V



#68

1,3,5-Trichlorobenzene

Concen: 1.084 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VX017449.D

Acq: 21 Jul 2020 11:39

Tgt Ion:180 Resp: 35430

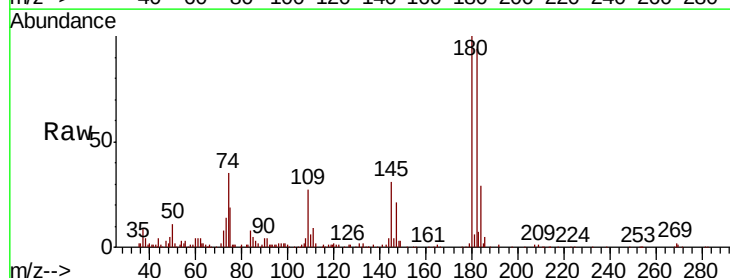
Ion Ratio Lower Upper

180 100

182 95.7 73.8 110.8

184 30.9 24.2 36.2

145 31.1 24.4 36.6



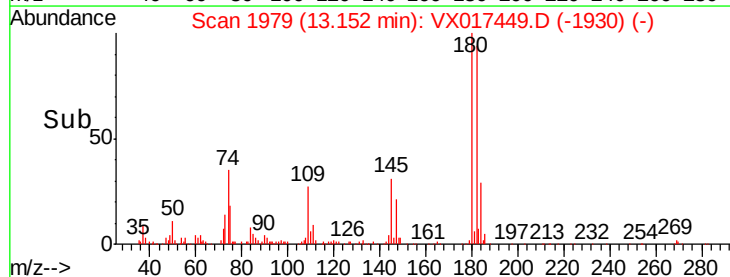
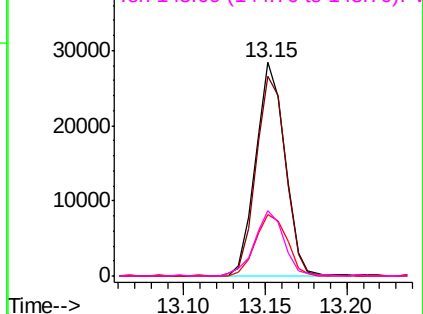
Abundance

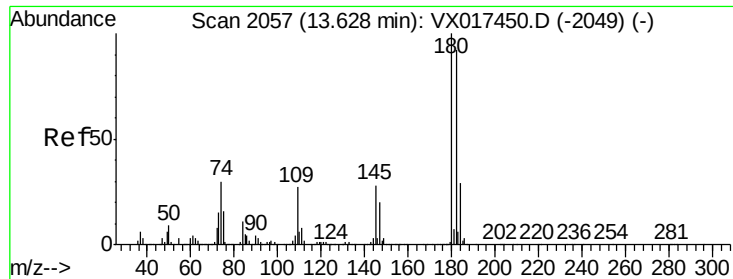
Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

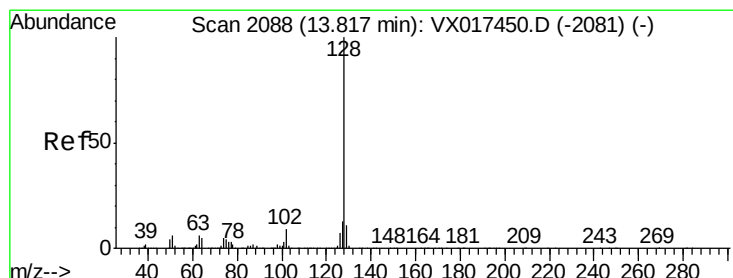
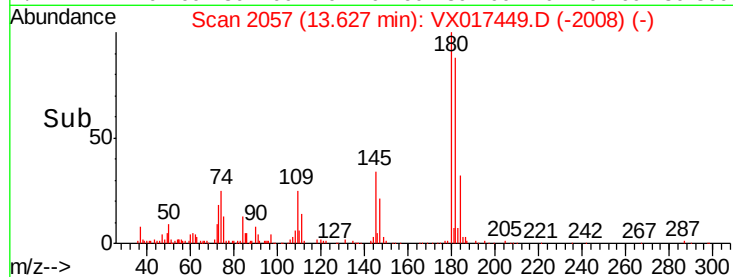
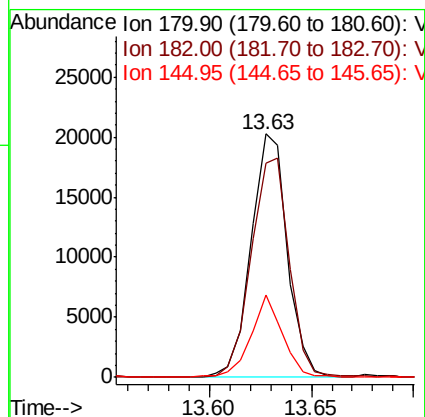
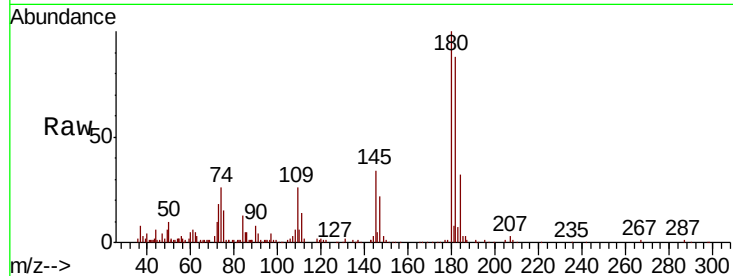




#69
 1,2,4-trichlorobenzene
 Concen: 0.926 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017449.D
 Acq: 21 Jul 2020 11:39

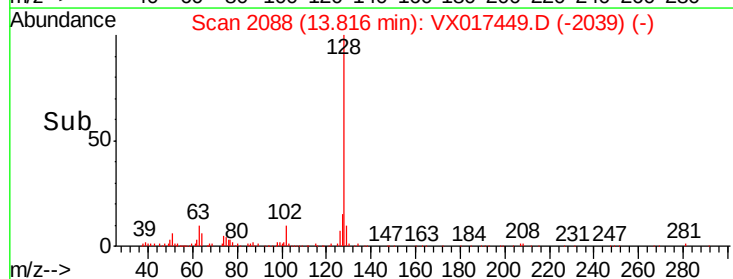
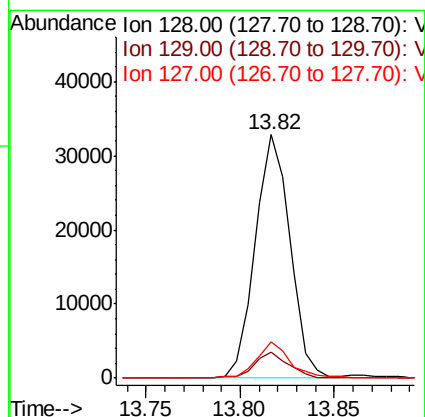
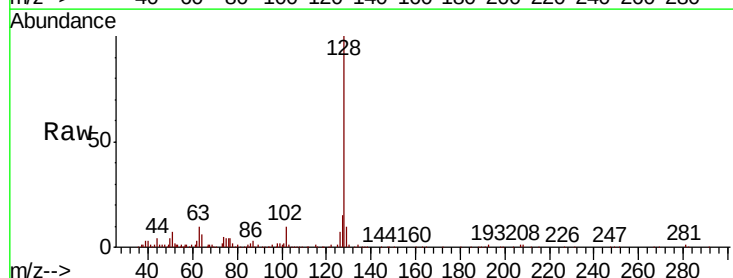
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00162

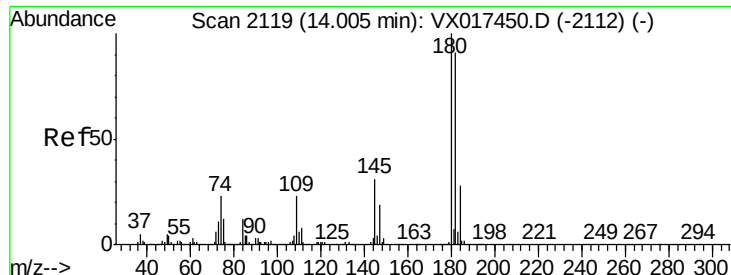
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.3	112.9
145	30.3	24.3	36.5



#70
 Naphthalene
 Concen: 0.947 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017449.D
 Acq: 21 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	14.4	10.2	15.4





#71
 1,2,3-Trichlorobenzene
 Concen: 0.967 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017449.D
 Acq: 21 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00162

Tot Ion:	180	Resp:	23455
Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.3	112.9
145	33.3	26.9	40.3

