

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092820\
 Data File : VX018618.D
 Acq On : 28 Sep 2020 15:39
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV62

Quant Time: Sep 29 01:02:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 00:54:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	260498	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	254740	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	127786	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56902	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.70	69	50044	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.34	63	134689	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	4.56	46	160443	46.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.32%
24) Chloroform-d	5.14	84	141469	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	6.03	65	75648	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	6.04	84	251476	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	7.37	67	75071	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	8.70	98	244758	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
45) trans-1,3-Dichloropropene-	8.99	79	35187	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
48) 2-Hexanone-d5	9.43	63	133116	46.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	60675	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	91061	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	80581	5.111	ug/L 100
3) Chloromethane	1.31	50	67757	5.032	ug/L 95
5) Vinyl chloride	1.39	62	69784	4.948	ug/L 97
6) Bromomethane	1.64	94	42749	5.070	ug/L 99
8) Chloroethane	1.72	64	39563	5.101	ug/L # 82
9) Trichlorofluoromethane	1.92	101	120242	4.922	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	69554	5.187	ug/L 99
12) 1,1-Dichloroethene	2.36	96	62410	4.907	ug/L 88
13) Acetone	2.45	43	110159	57.257	ug/L 98
14) Carbon disulfide	2.55	76	197409	5.105	ug/L 99
15) Methyl Acetate	2.76	43	28356	5.325	ug/L 100
16) Methylene chloride	2.84	84	71275	4.102	ug/L 94
17) Methyl tert-butyl Ether	3.17	73	157381	5.560	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	66693	5.247	ug/L 98
19) 1,1-Dichloroethane	3.67	63	123032	5.397	ug/L 100
21) 2-Butanone	4.66	43	169916	55.641	ug/L # 63
22) cis-1,2-Dichloroethene	4.56	96	68507	5.165	ug/L # 85

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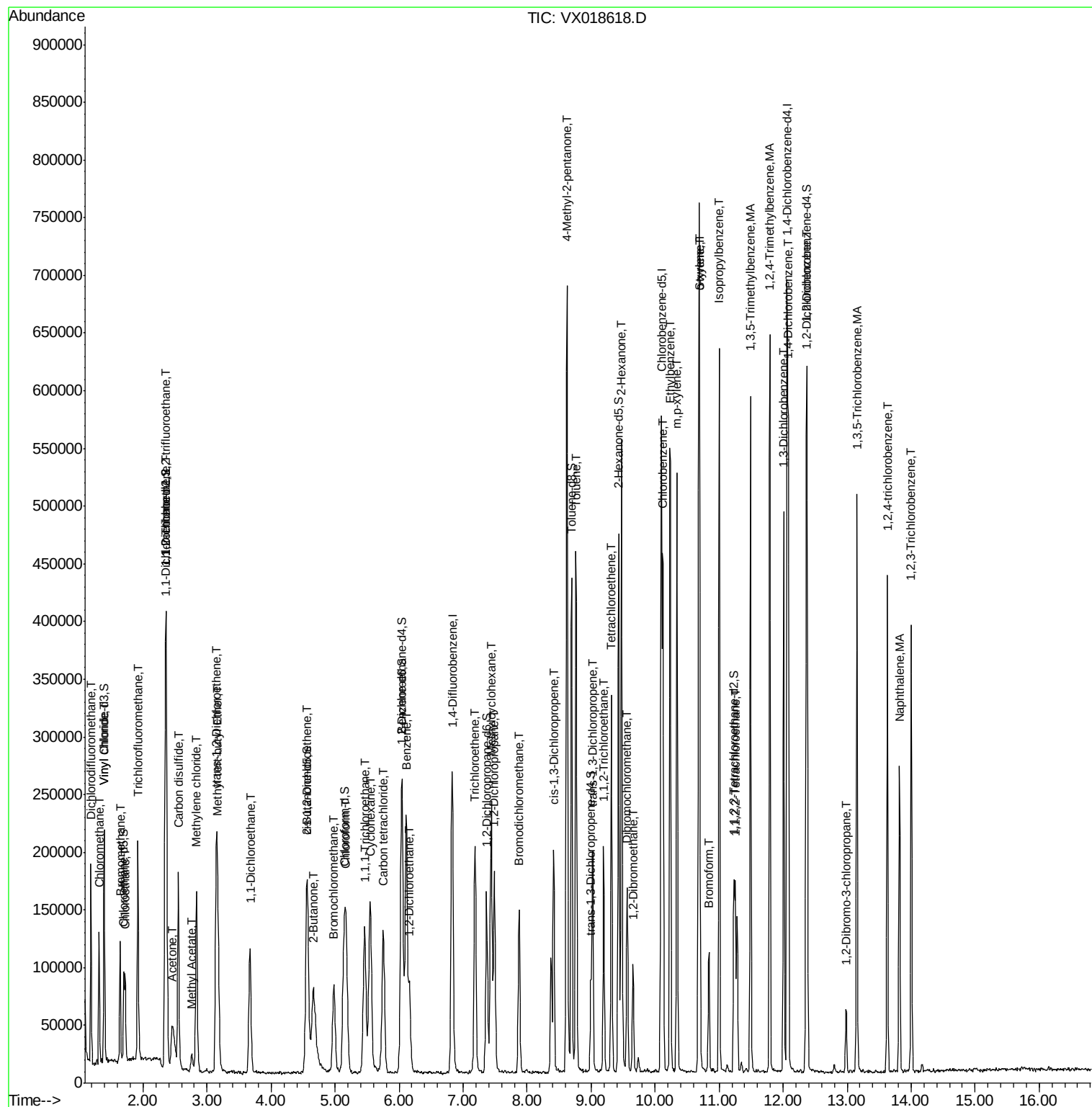
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	34976	5.500	ug/L	90
25) Chloroform	5.17	83	131022	5.259	ug/L	99
27) 1,2-Dichloroethane	6.16	62	88043	5.586	ug/L	96
29) 1,1,1-Trichloroethane	5.46	97	124511	5.132	ug/L	98
30) Cyclohexane	5.54	56	96023	4.975	ug/L	96
31) Carbon tetrachloride	5.75	117	113102	5.055	ug/L	99
33) Benzene	6.11	78	260612	5.306	ug/L	100
34) Trichloroethene	7.18	95	73509	5.173	ug/L	90
35) Methylcyclohexane	7.44	83	101073	5.113	ug/L	95
37) 1,2-Dichloropropane	7.49	63	67422	5.144	ug/L	100
38) Bromodichloromethane	7.87	83	91939	5.197	ug/L	93
39) cis-1,3-Dichloropropene	8.42	75	101108	5.440	ug/L	95
40) 4-Methyl-2-pentanone	8.62	43	406369	55.945	ug/L	99
42) Toluene	8.76	91	286656	5.403	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	256064	5.521	ug/L	96
44) 1,2,4-Trimethylbenzene	11.79	105	259666	5.596	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	90758	5.354	ug/L	97
47) 1,1,2-Trichloroethane	9.20	97	50265	5.345	ug/L	90
49) Tetrachloroethene	9.32	164	60492	5.406	ug/L	94
50) 2-Hexanone	9.48	43	307940	59.894	ug/L	98
51) Dibromochloromethane	9.56	129	68388	5.557	ug/L	99
52) 1,2-Dibromoethane	9.65	107	48426	5.528	ug/L #	99
53) Chlorobenzene	10.12	112	189588	5.410	ug/L	95
54) Ethylbenzene	10.23	91	309826	5.361	ug/L	98
55) m,p-xylene	10.34	106	121618	5.504	ug/L	99
56) o-xylene	10.68	106	113613	5.442	ug/L	89
57) Styrene	10.70	104	195957	5.685	ug/L	97
58) Isopropylbenzene	11.00	105	308176	5.505	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	58666	5.523	ug/L	100
62) Bromoform	10.84	173	36722	5.398	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	154288	5.554	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	159369	5.679	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	143182	5.532	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	11345	5.155	ug/L #	80
68) 1,3,5-Trichlorobenzene	13.15	180	114133	5.472	ug/L	93
69) 1,2,4-trichlorobenzene	13.63	180	95077	5.561	ug/L	99
70) Naphthalene	13.82	128	160217	5.544	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	91908	5.949	ug/L	96

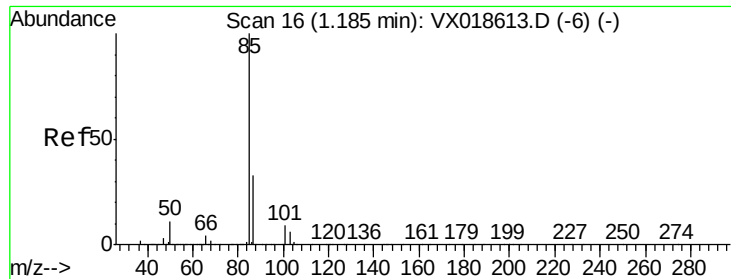
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.111 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampled :

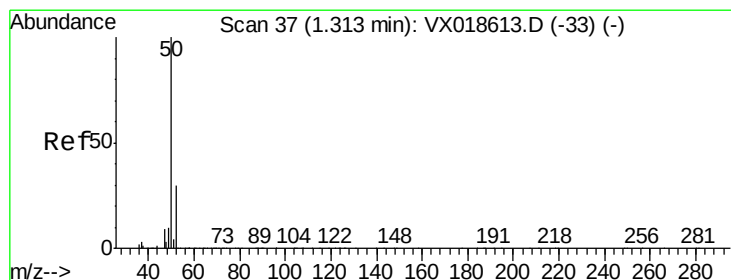
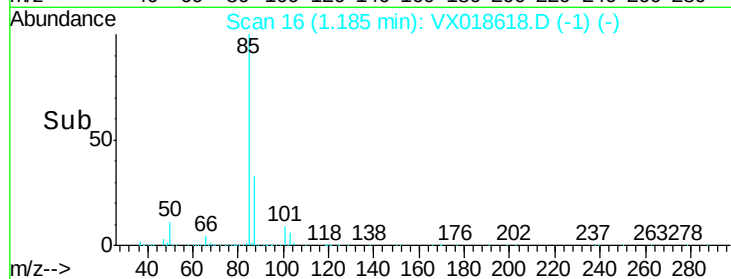
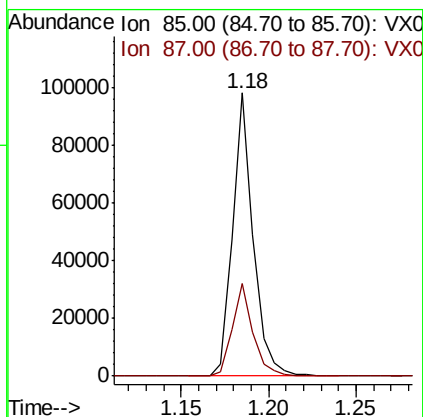
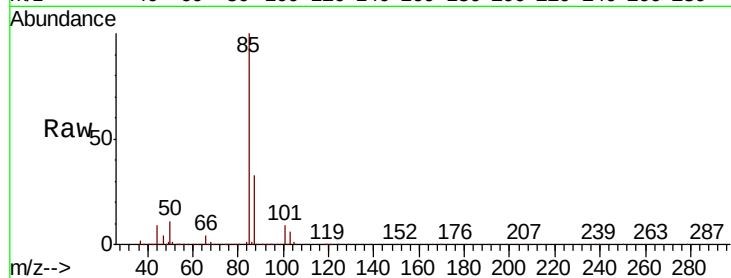
VICV62

Tot Ion: 85 Resp: 80581

Ion Ratio Lower Upper

85 100

87 32.9 26.1 39.1



#3

Chloromethane

Concen: 5.032 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018618.D

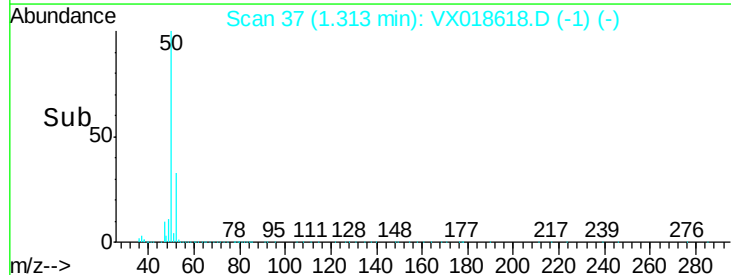
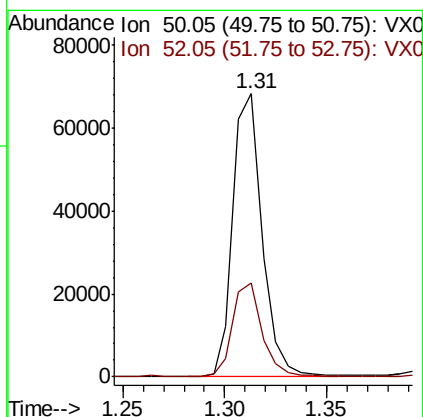
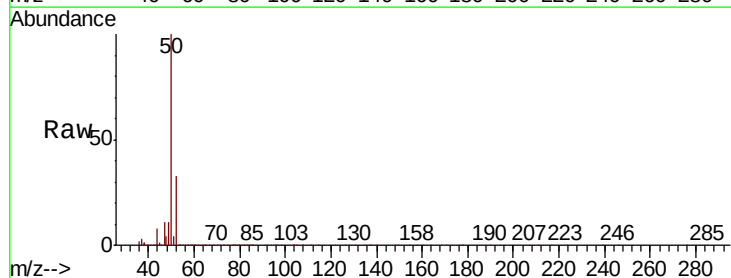
Acq: 28 Sep 2020 15:39

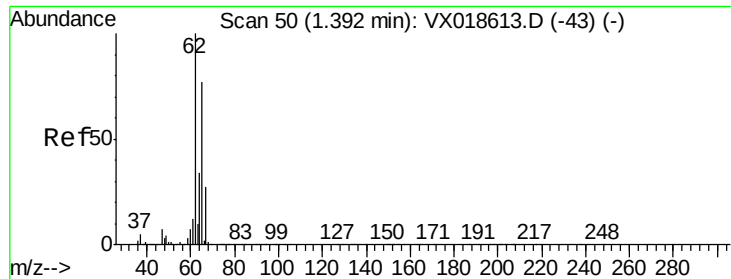
Tgt Ion: 50 Resp: 67757

Ion Ratio Lower Upper

50 100

52 33.3 21.2 39.4





#5

Vinyl chloride

Concen: 4.948 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

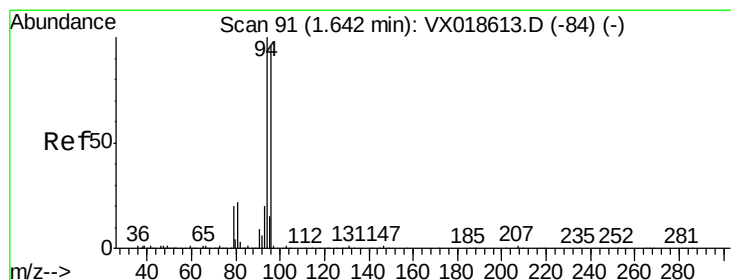
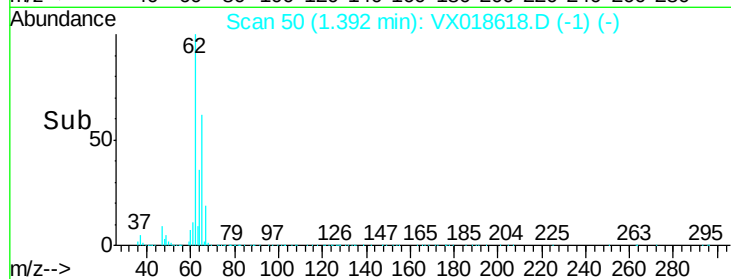
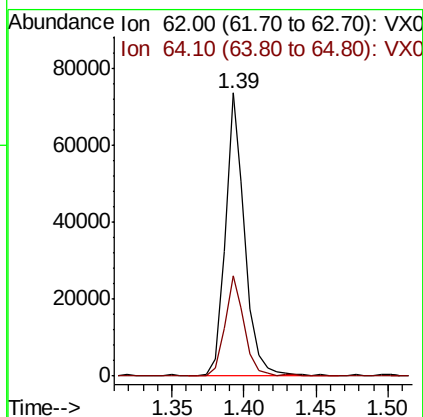
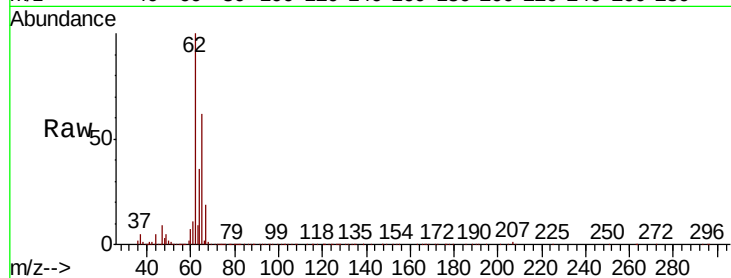
VICV62

Tot Ion: 62 Resp: 69784

Ion Ratio Lower Upper

62 100

64 35.6 23.6 43.8



#6

Bromomethane

Concen: 5.070 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018618.D

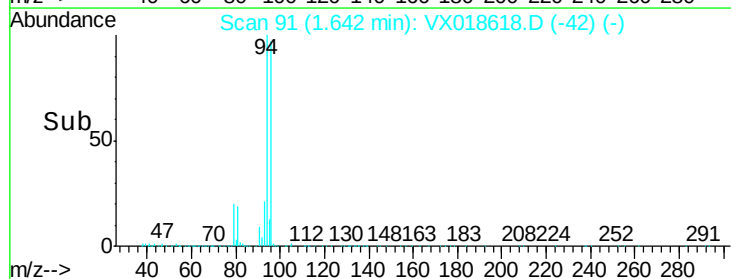
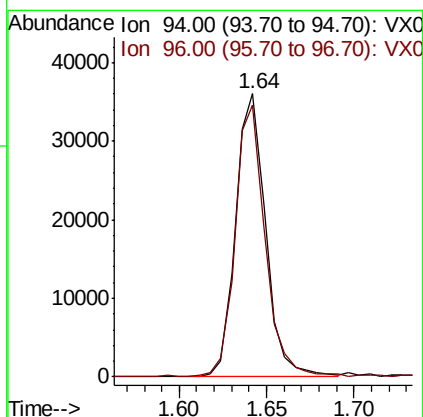
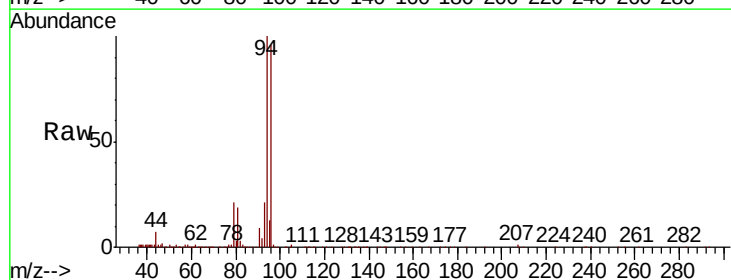
Acq: 28 Sep 2020 15:39

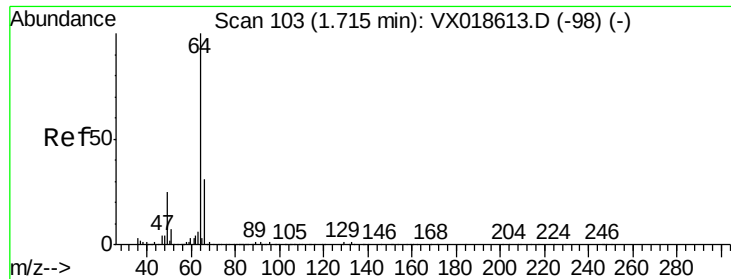
Tgt Ion: 94 Resp: 42749

Ion Ratio Lower Upper

94 100

96 96.3 67.8 125.8





#8

Chloroethane

Concen: 5.101 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampled :

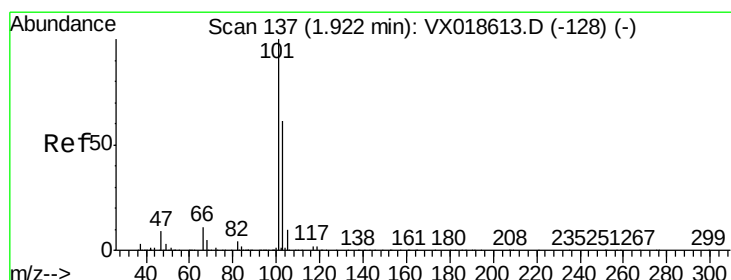
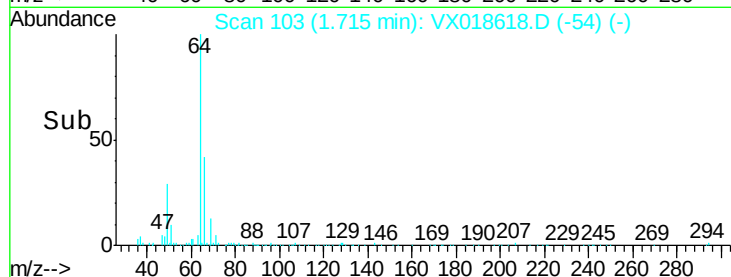
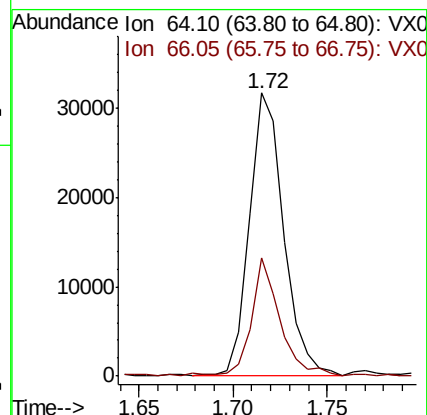
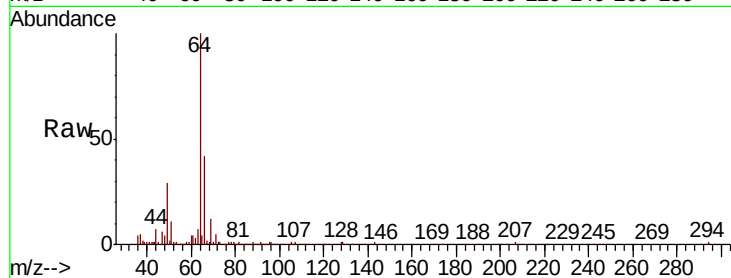
VICV62

Tot Ion: 64 Resp: 39563

Ion Ratio Lower Upper

64 100

66 41.6 22.3 41.3#



#9

Trichlorofluoromethane

Concen: 4.922 ug/L

RT: 1.92 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX018618.D

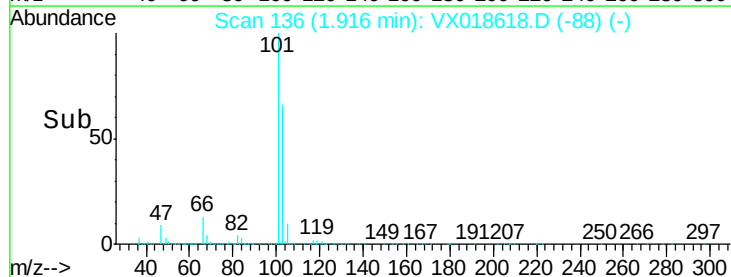
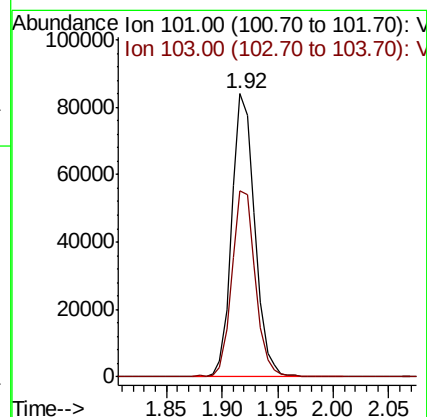
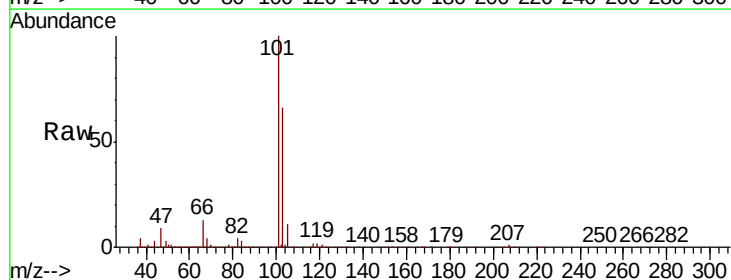
Acq: 28 Sep 2020 15:39

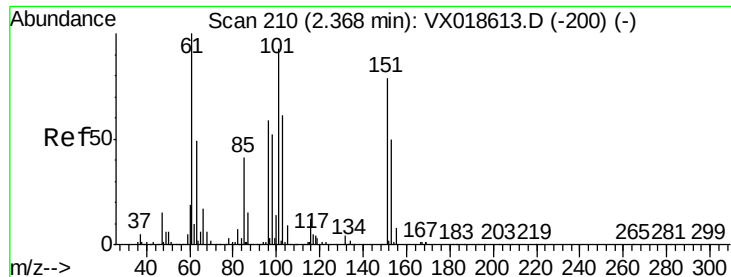
Tgt Ion: 101 Resp: 120242

Ion Ratio Lower Upper

101 100

103 67.2 49.8 74.6





#10

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

Concen: 5.187 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

VICV62

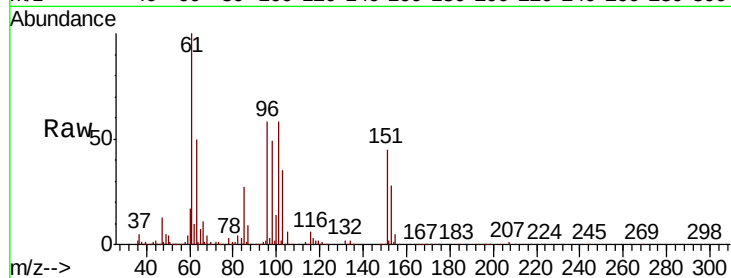
Tot Ion:101 Resp: 69554

Ion Ratio Lower Upper

101 100

85 44.0 36.1 54.1

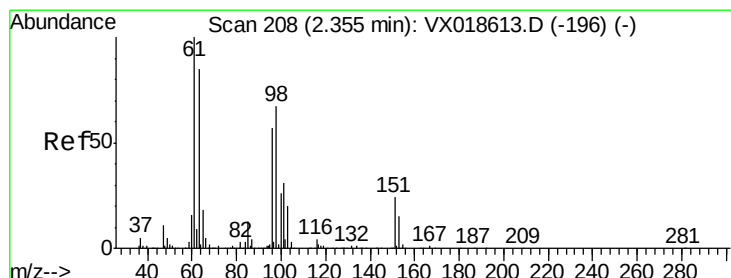
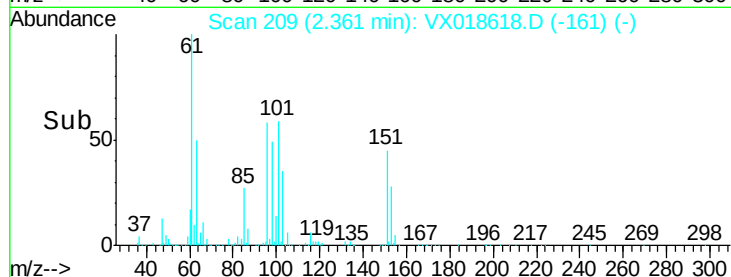
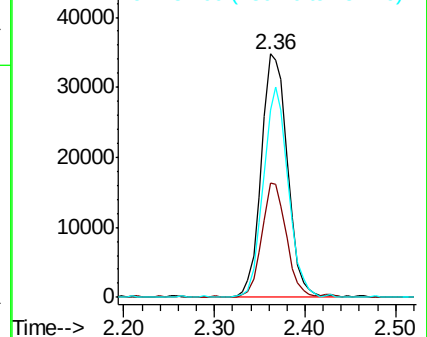
151 81.7 65.5 98.3



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: 4.907 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

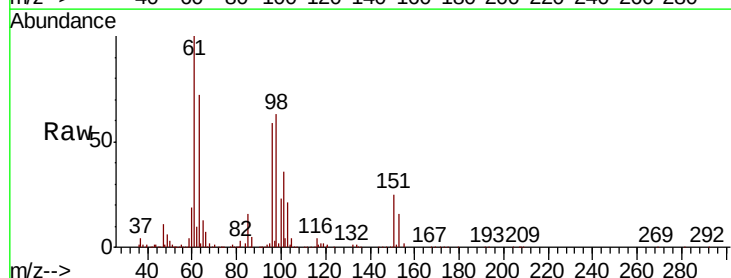
Tgt Ion: 96 Resp: 62410

Ion Ratio Lower Upper

96 100

61 170.2 123.8 229.8

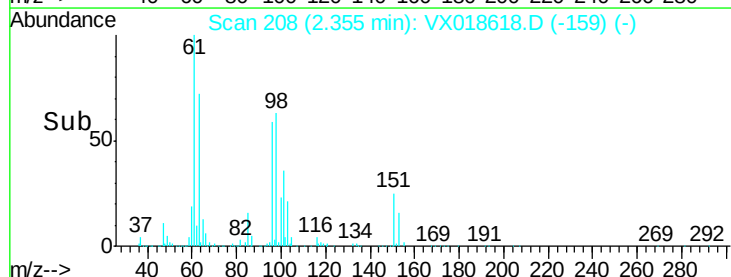
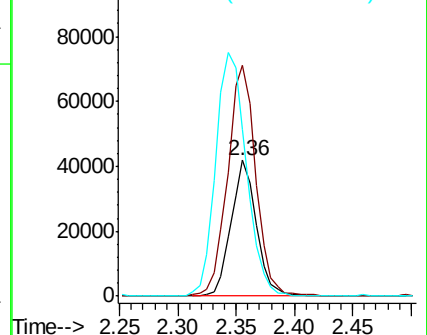
63 122.6 104.7 194.4

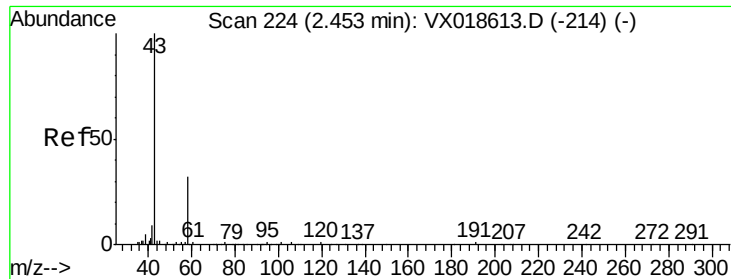


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 57.257 ug/L

RT: 2.45 min Scan# 224

Delta R.T. 0.00 min

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ClientSampled :

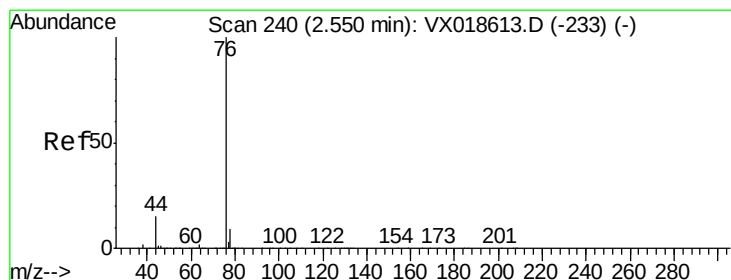
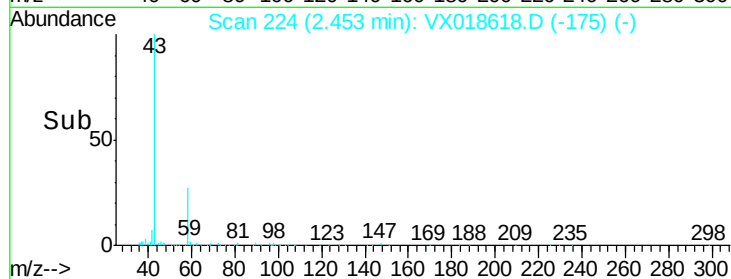
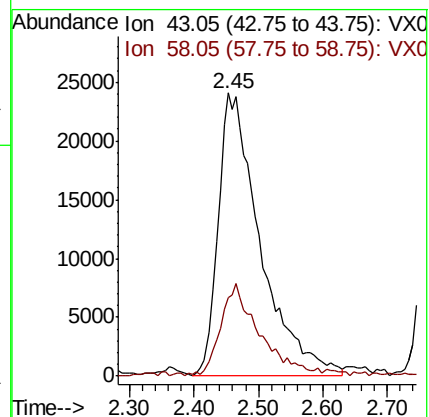
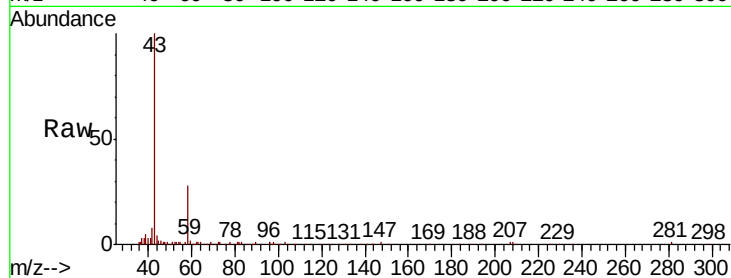
VICV62

Tot Ion: 43 Resp: 110159

Ion Ratio Lower Upper

43 100

58 29.9 0.0 61.6



#14

Carbon disulfide

Concen: 5.105 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018618.D

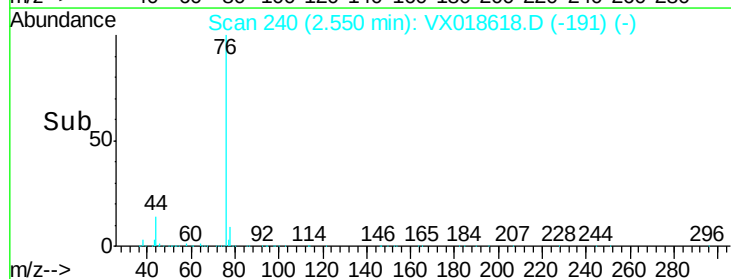
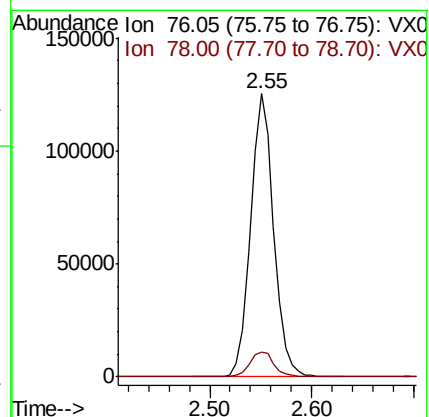
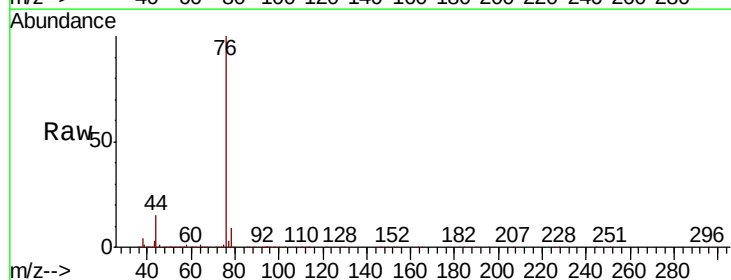
Acq: 28 Sep 2020 15:39

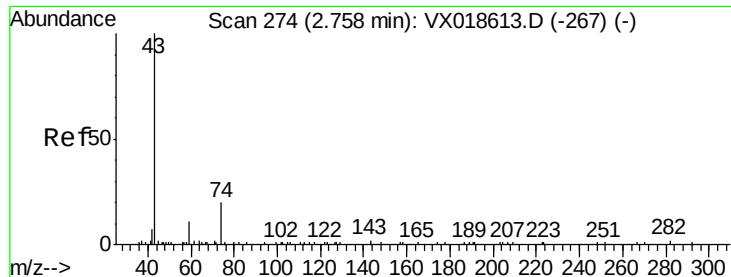
Tgt Ion: 76 Resp: 197409

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

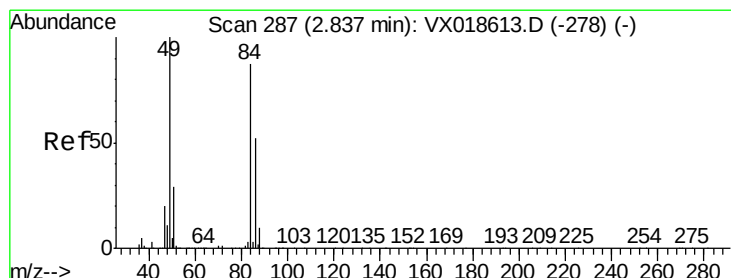
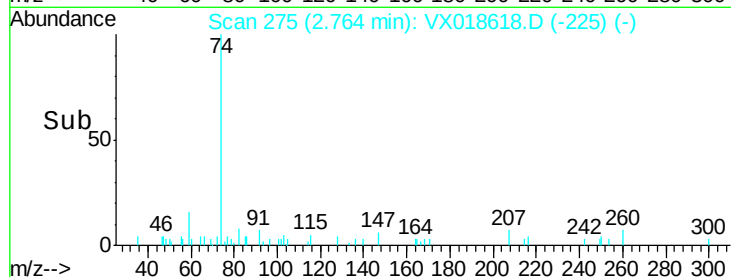
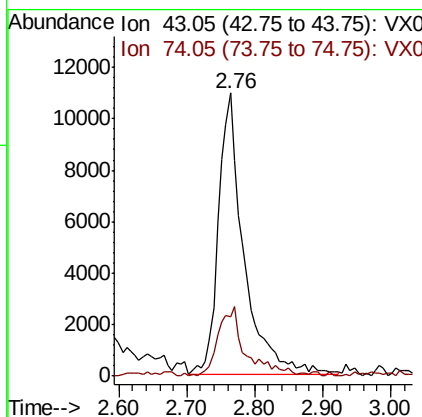
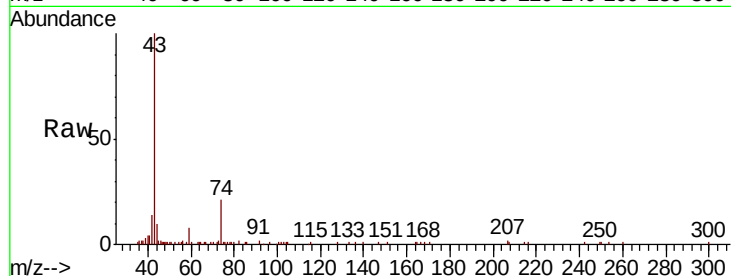




#15
Methyl Acetate
Concen: 5.325 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

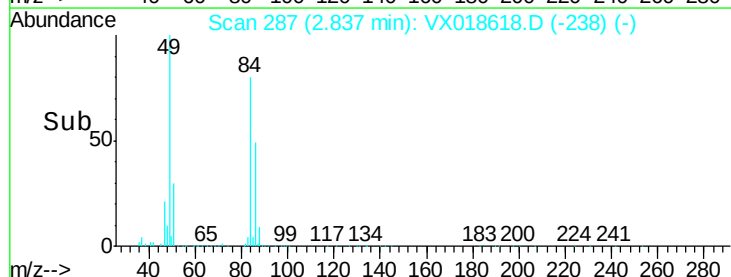
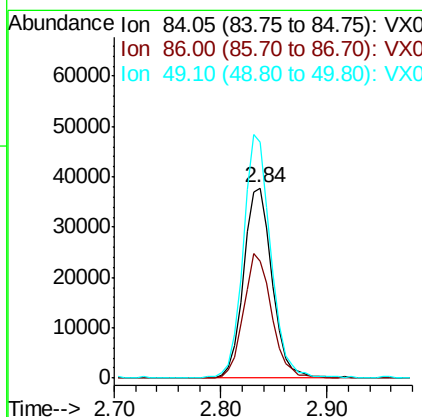
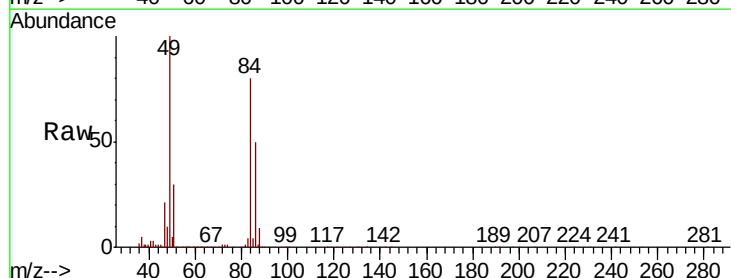
Instrument :
MSVOA_X
ClientSampled :
VICV62

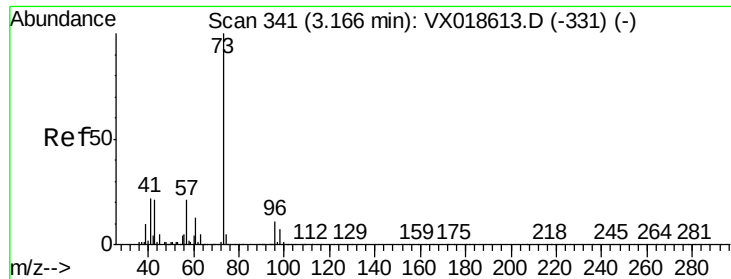
Tot Ion: 43 Resp: 28356
Ion Ratio Lower Upper
43 100
74 26.6 21.2 31.8



#16
Methylene chloride
Concen: 4.102 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

Tgt Ion: 84 Resp: 71275
Ion Ratio Lower Upper
84 100
86 61.6 41.9 77.7
49 124.2 80.8 150.2

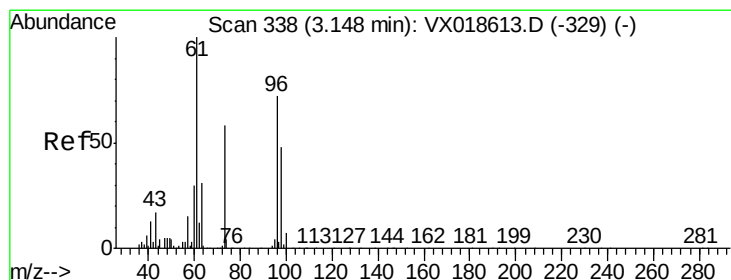
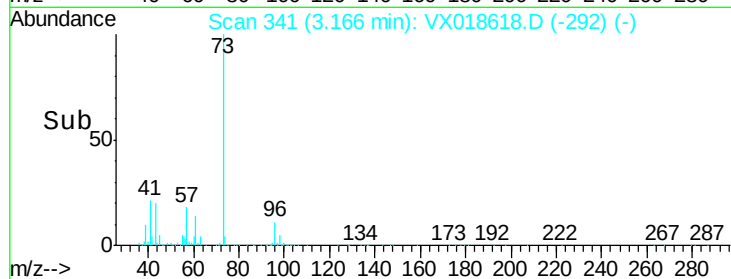
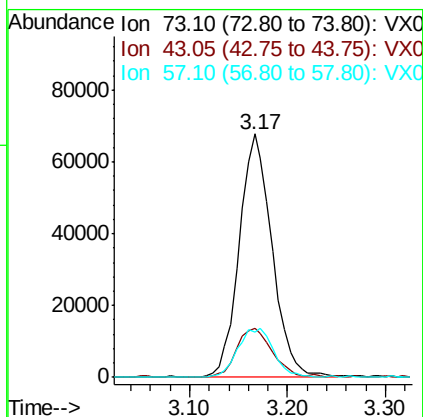
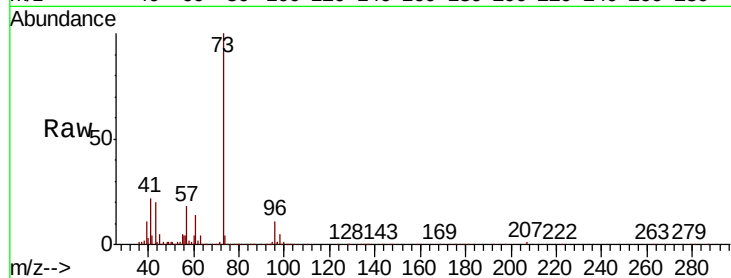




#17
Methyl tert-butyl Ether
Concen: 5.560 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

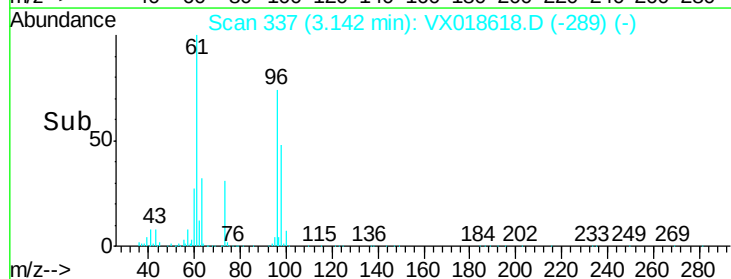
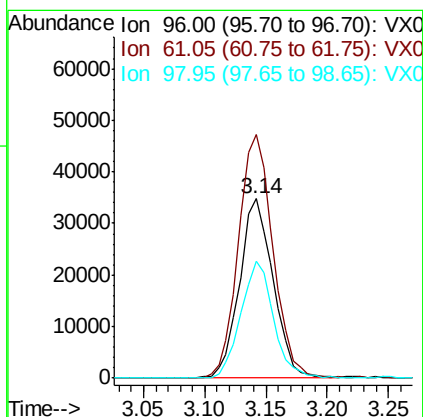
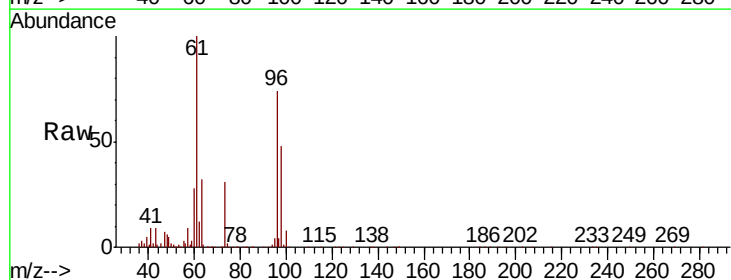
Instrument :
MSVOA_X
ClientSampleId :
VICV62

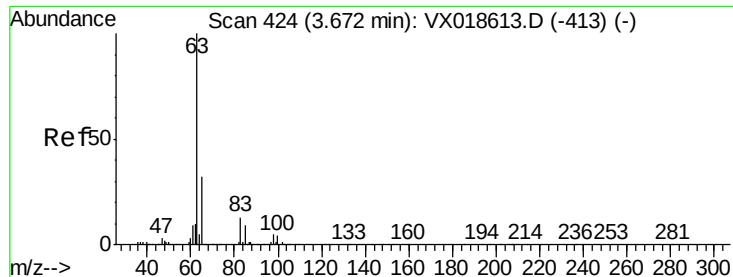
Tot Ion:	73	Resp:	157381
Ion	Ratio	Lower	Upper
73	100		
43	22.0	18.6	27.8
57	22.2	17.3	25.9



#18
trans-1,2-Dichloroethene
Concen: 5.247 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

Tgt Ion:	96	Resp:	66693
Ion	Ratio	Lower	Upper
96	100		
61	135.7	97.3	180.7
98	65.5	46.6	86.6

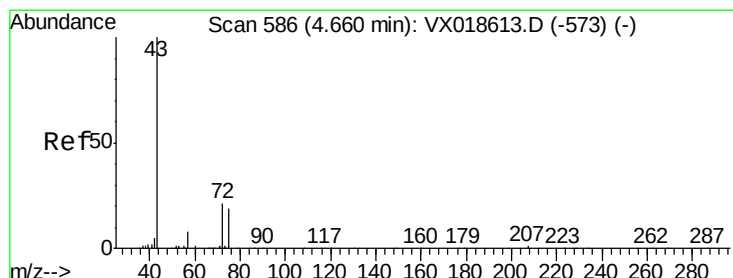
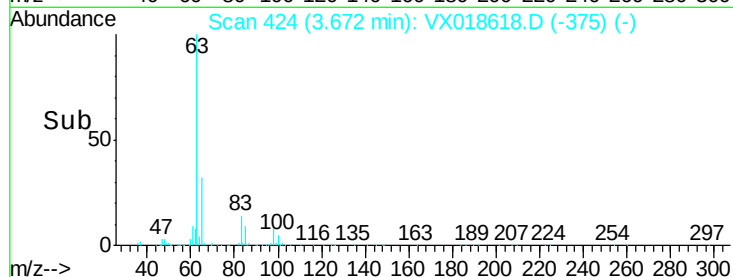
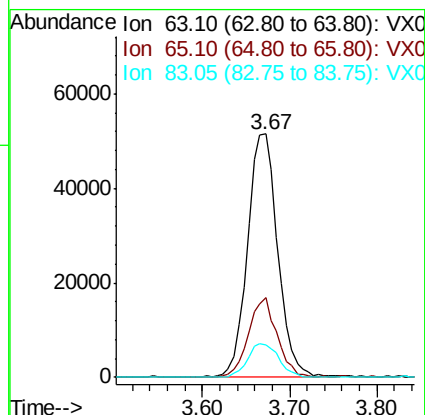
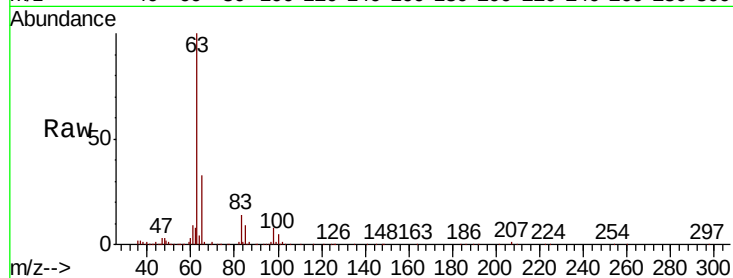




#19
 1,1-Dichloroethane
 Concen: 5.397 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018618.D
 Acq: 28 Sep 2020 15:39

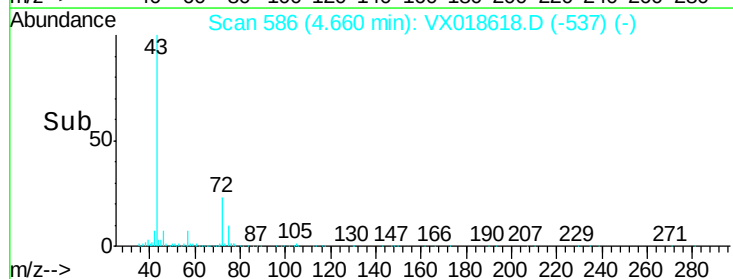
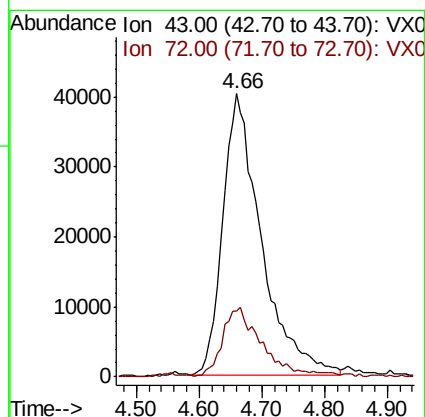
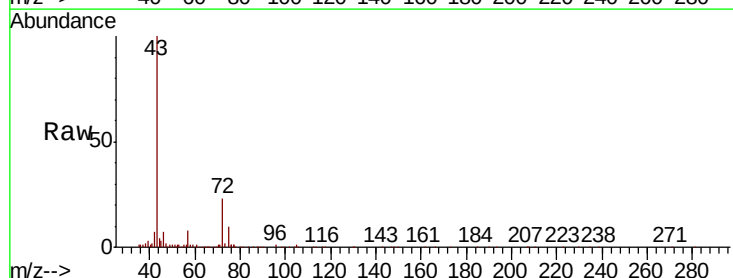
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV62

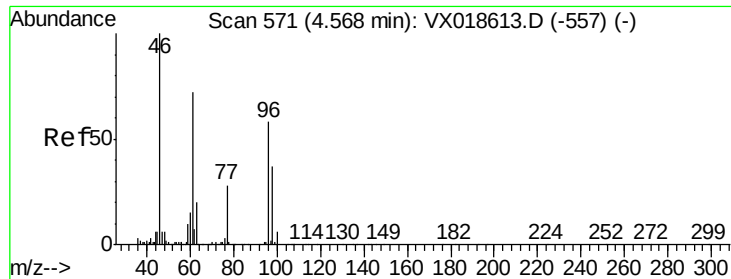
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.7	42.1
83	13.6	9.3	17.3



#21
 2-Butanone
 Concen: 55.641 ug/L
 RT: 4.66 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: VX018618.D
 Acq: 28 Sep 2020 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.4	5.2	15.6#





#22

cis-1,2-Dichloroethene

Concen: 5.165 ug/L

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

VICV62

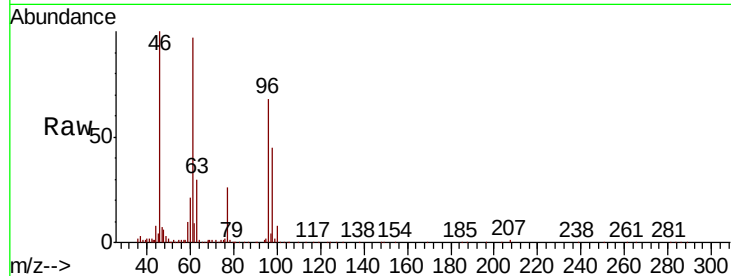
Tot Ion: 96 Resp: 68507

Ion Ratio Lower Upper

96 100

61 142.2 87.7 162.9

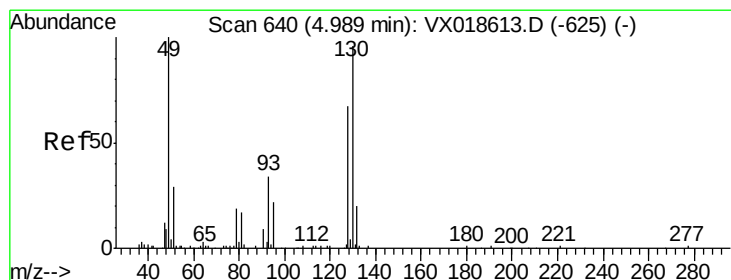
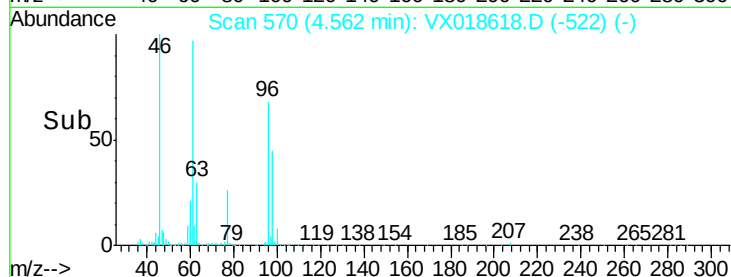
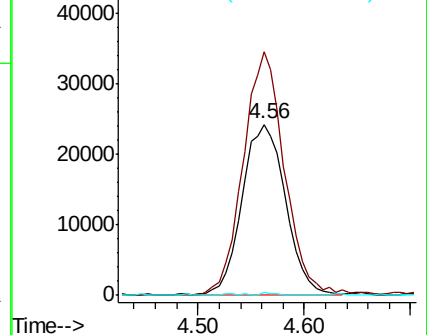
68 1.6 0.3 0.7#



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: 5.500 ug/L

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Tgt Ion: 128 Resp: 34976

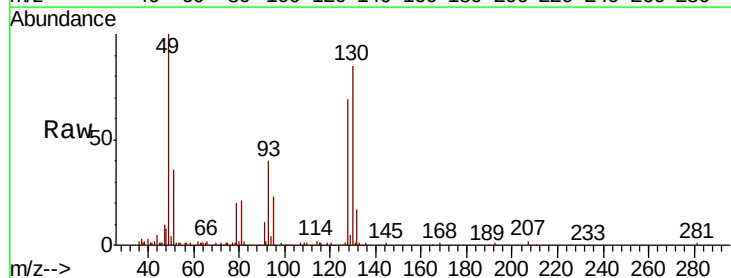
Ion Ratio Lower Upper

128 100

49 145.4 105.2 195.4

130 123.3 100.6 186.8

51 52.3 35.8 53.8

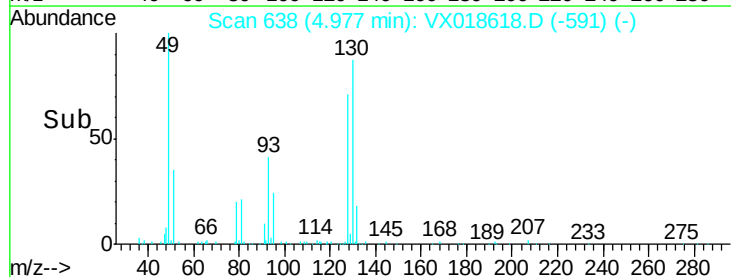
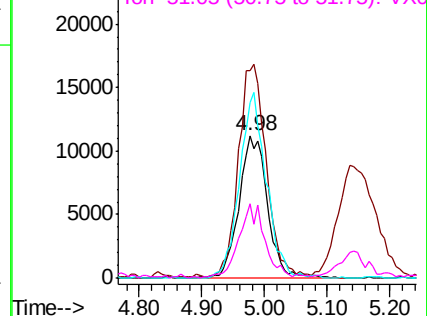


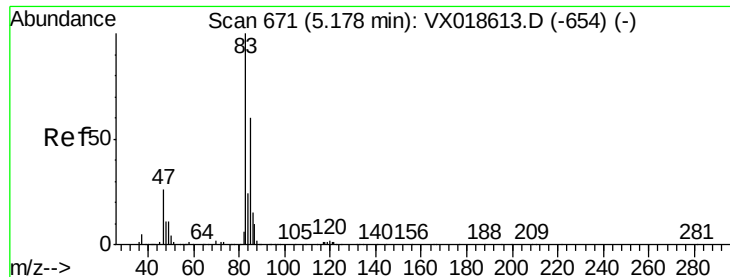
Abundance Ion 127.90 (127.60 to 128.60): V

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: 5.259 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampled :

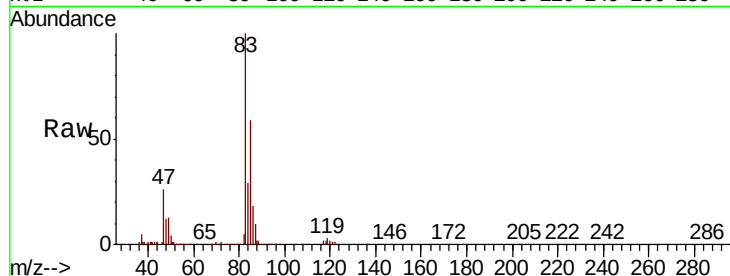
VICV62

Tot Ion: 83 Resp: 131022

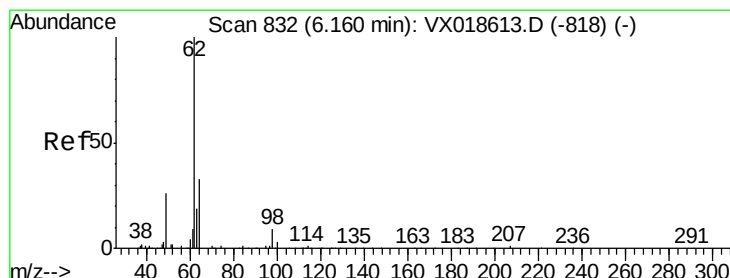
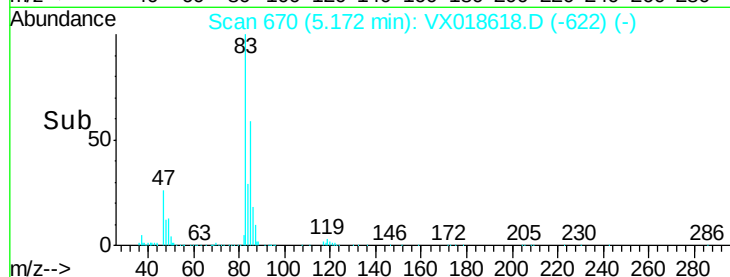
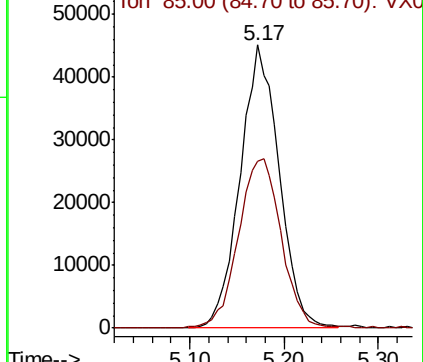
Ion Ratio Lower Upper

83 100

85 59.1 41.8 77.6



Abundance Ion 83.05 (82.75 to 83.75): VX0



#27

1,2-Dichloroethane

Concen: 5.586 ug/L

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018618.D

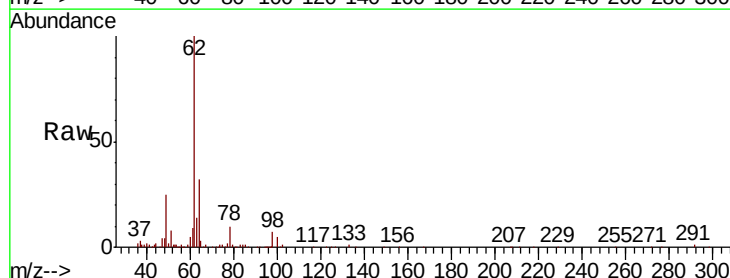
Acq: 28 Sep 2020 15:39

Tgt Ion: 62 Resp: 88043

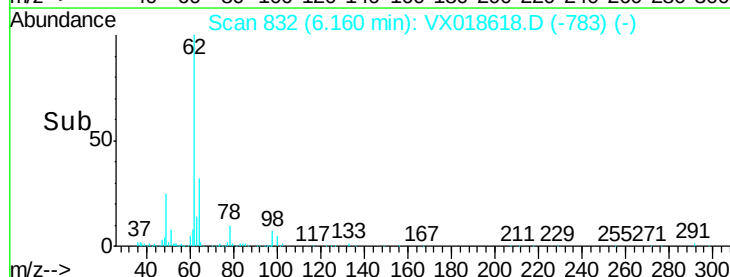
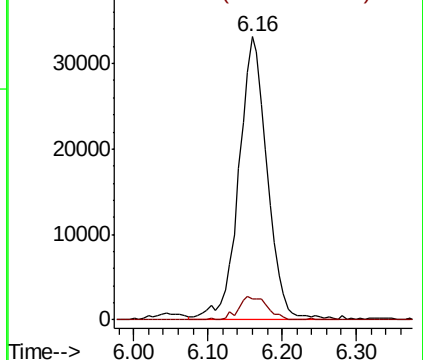
Ion Ratio Lower Upper

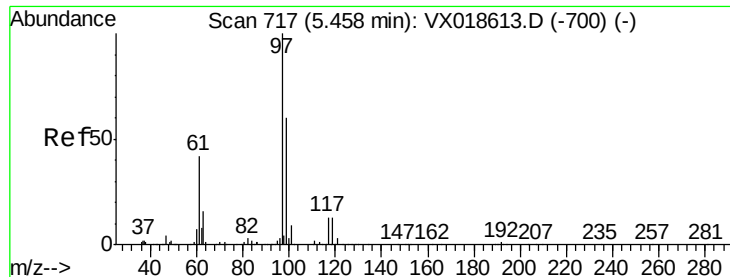
62 100

98 7.4 7.0 10.4



Abundance Ion 62.00 (61.70 to 62.70): VX0

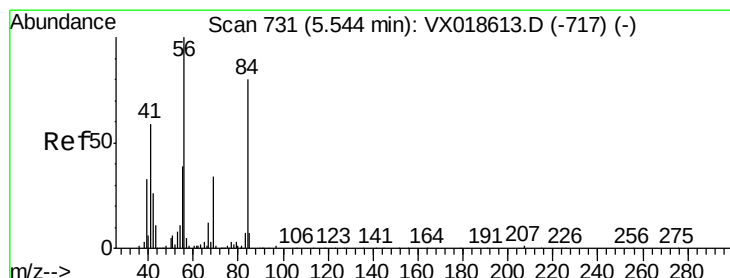
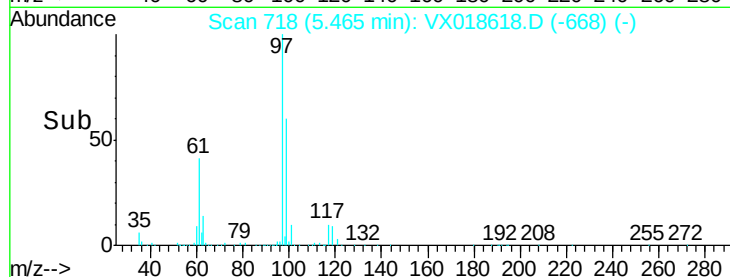
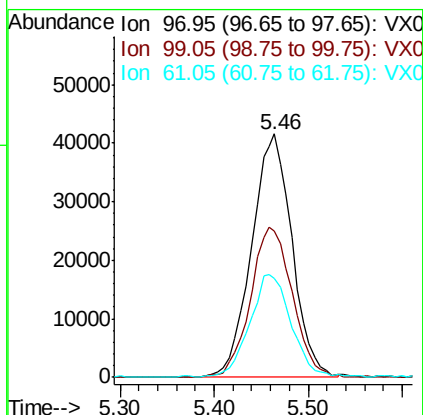
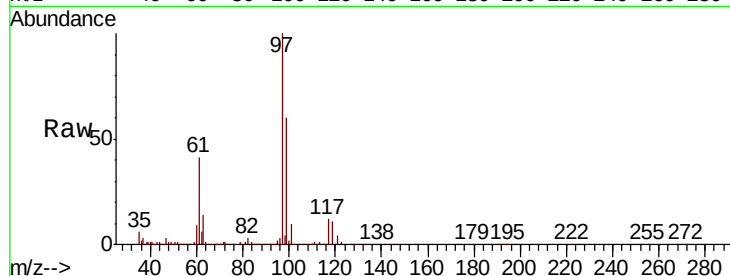




#29
 1,1,1-Trichloroethane
 Concen: 5.132 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018618.D
 Acq: 28 Sep 2020 15:39

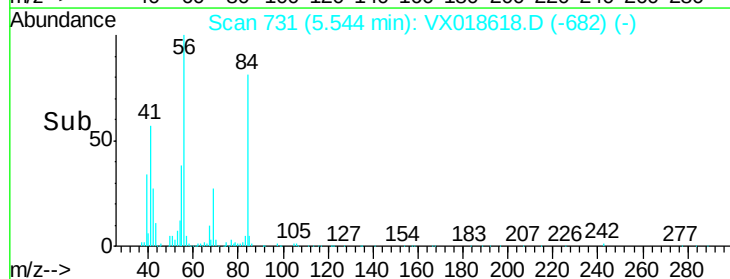
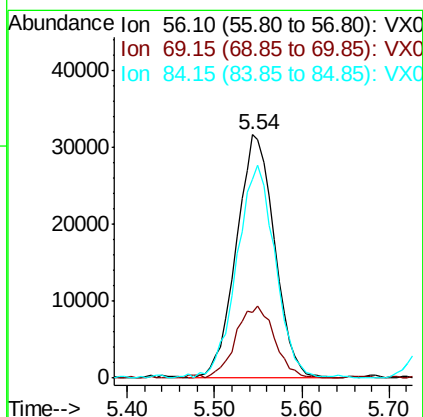
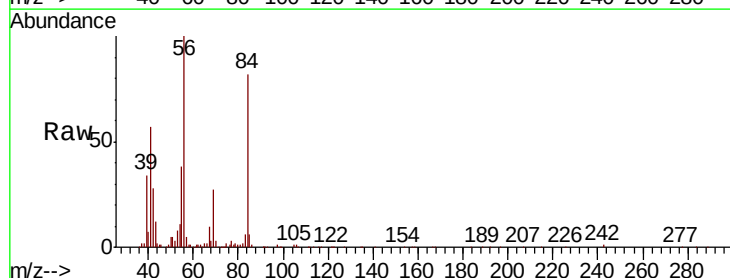
Instrument :
 MSVOA_X
 ClientSampled :
 VICV62

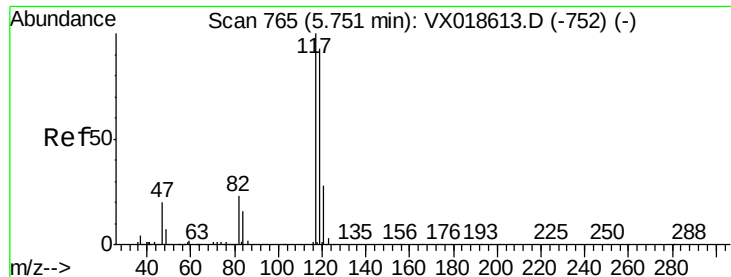
Tot Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.0	75.0
61	43.3	33.9	50.9



#30
 Cyclohexane
 Concen: 4.975 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VX018618.D
 Acq: 28 Sep 2020 15:39

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.0	26.4	39.6
84	88.1	72.7	109.1





#31

Carbon tetrachloride

Concen: 5.055 ug/L

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

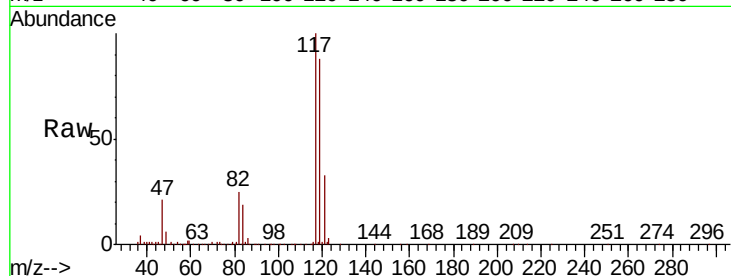
VICV62

Tot Ion:117 Resp: 113102

Ion Ratio Lower Upper

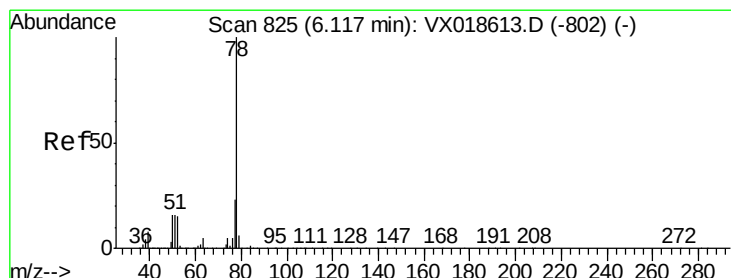
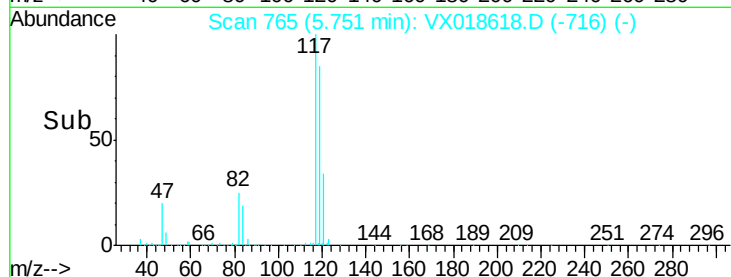
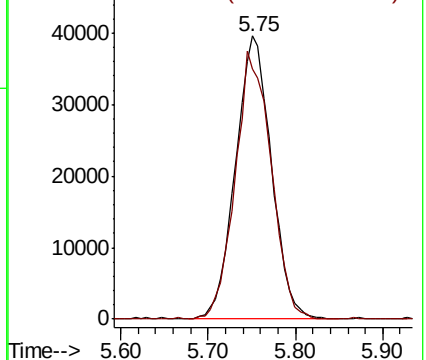
117 100

119 94.6 76.3 114.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.306 ug/L

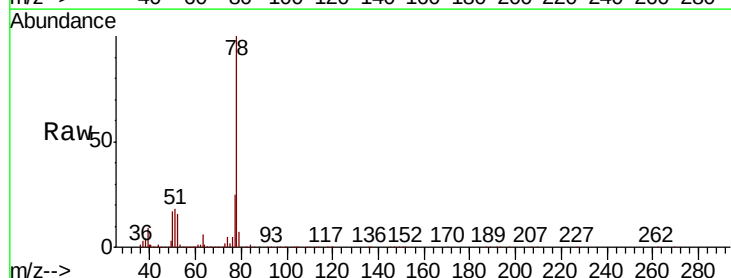
RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

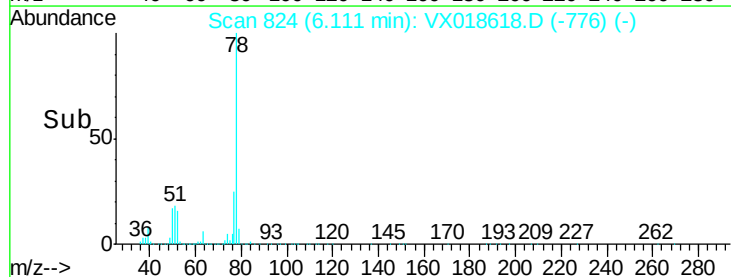
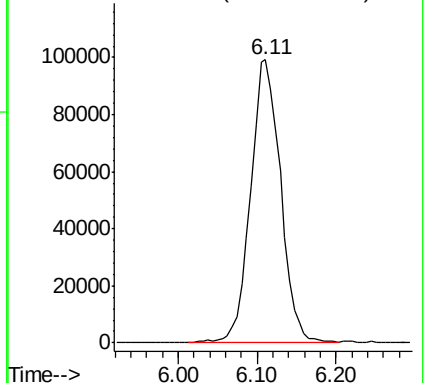
Lab File: VX018618.D

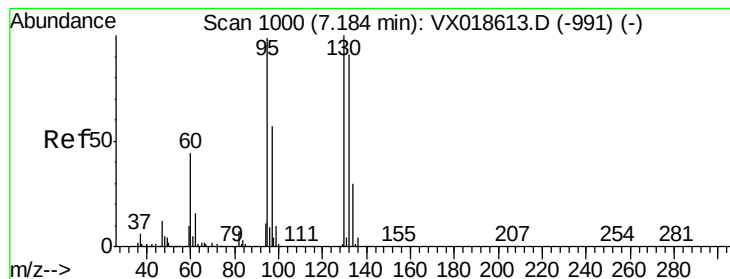
Acq: 28 Sep 2020 15:39

Tgt Ion: 78 Resp: 260612



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 5.173 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampled :

VICV62

Tot Ion: 95 Resp: 73509

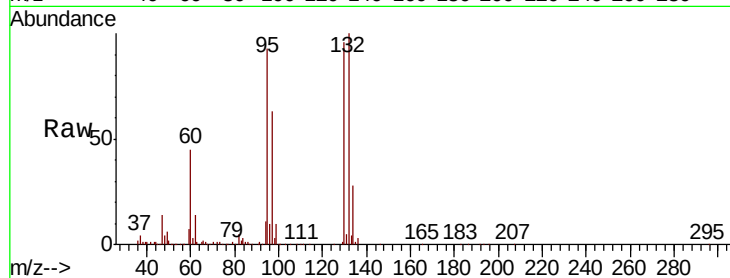
Ion Ratio Lower Upper

95 100

97 67.4 40.6 75.4

132 107.6 64.3 119.5

130 102.8 70.6 131.0

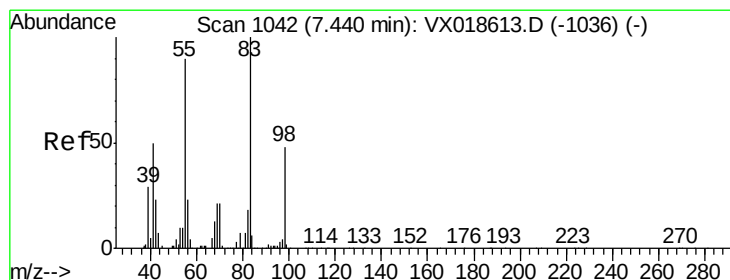
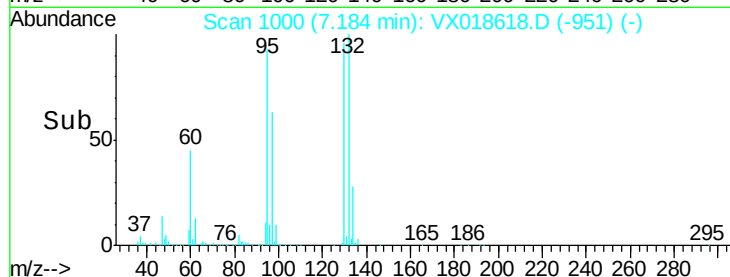
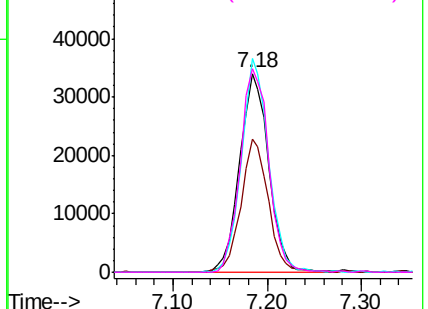


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.113 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

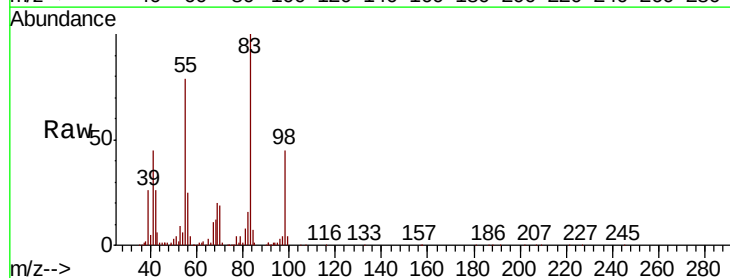
Tgt Ion: 83 Resp: 101073

Ion Ratio Lower Upper

83 100

55 81.0 67.4 101.0

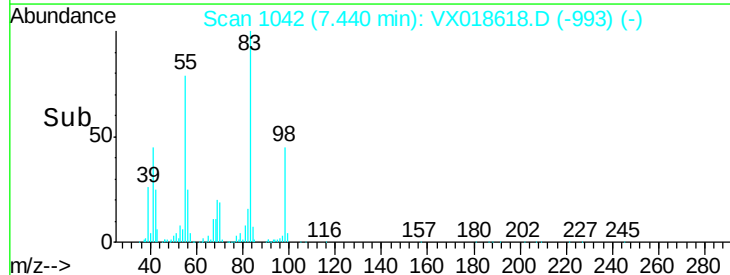
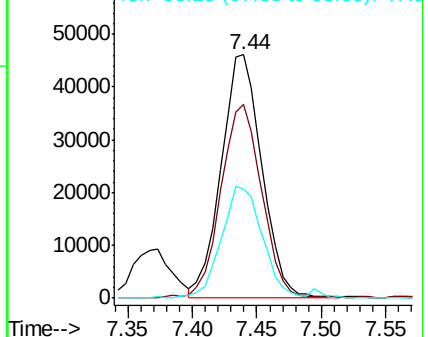
98 46.5 41.1 61.7

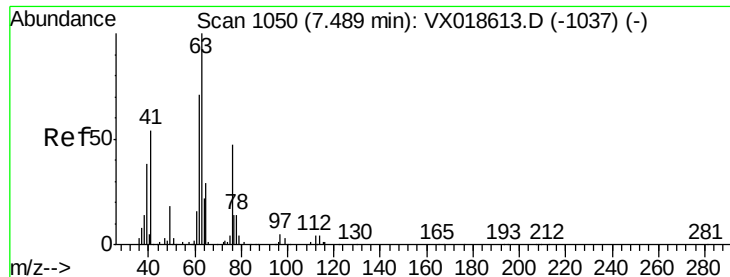


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

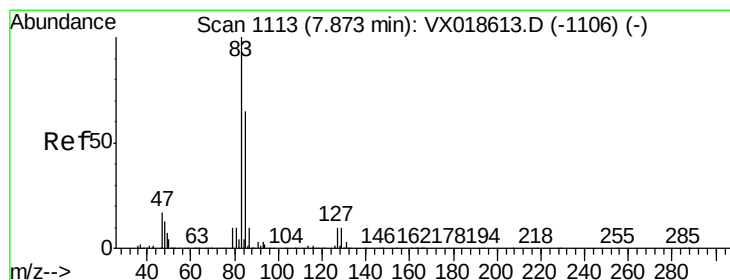
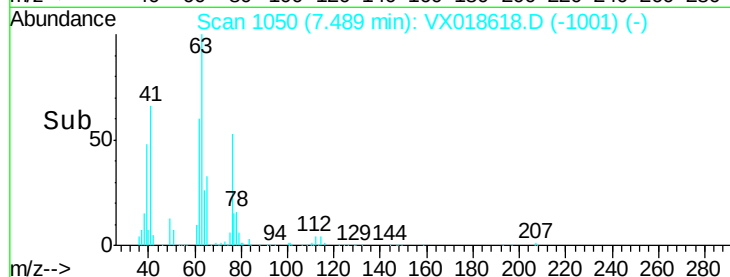
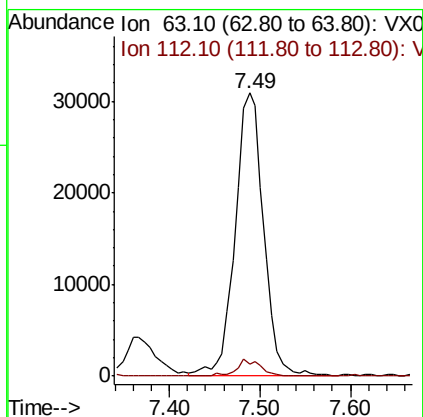
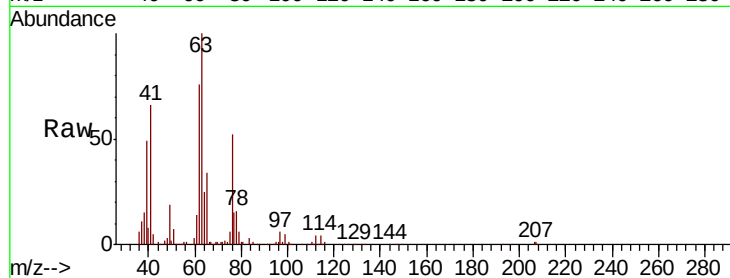




#37
 1,2-Dichloropropane
 Concen: 5.144 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018618.D
 Acq: 28 Sep 2020 15:39

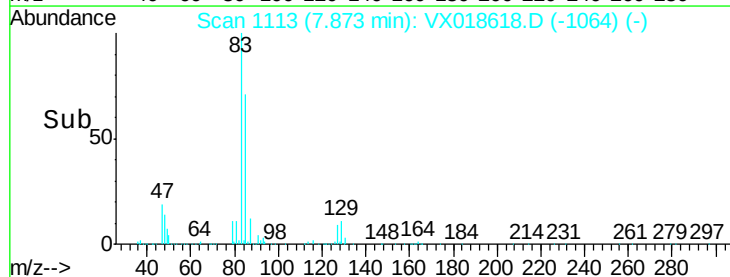
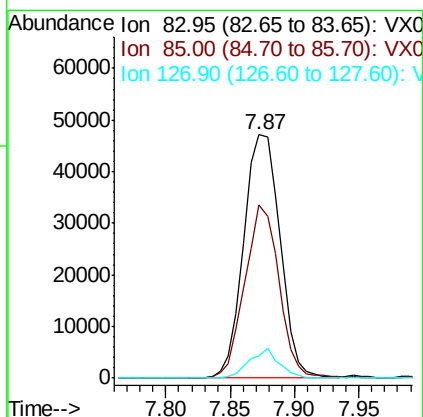
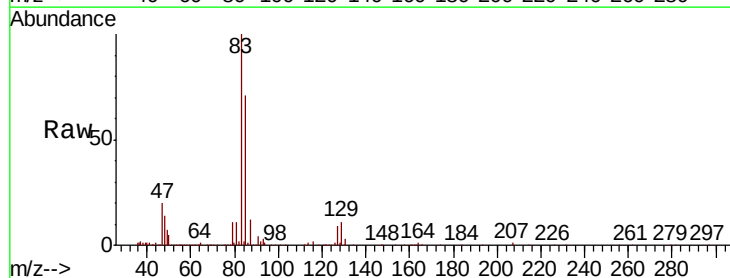
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV62

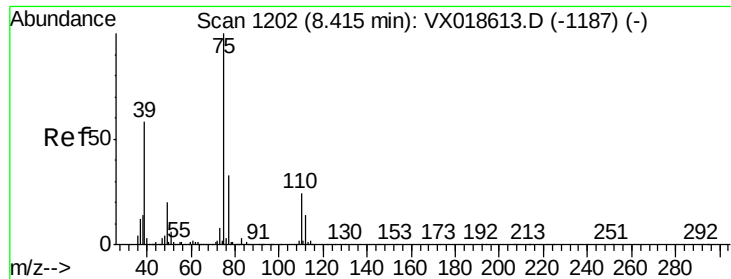
Tot Ion: 63 Resp: 67422
 Ion Ratio Lower Upper
 63 100
 112 5.0 4.1 6.1



#38
 Bromodichloromethane
 Concen: 5.197 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX018618.D
 Acq: 28 Sep 2020 15:39

Tgt Ion: 83 Resp: 91939
 Ion Ratio Lower Upper
 83 100
 85 71.0 45.2 84.0
 127 9.1 8.2 12.2





#39

cis-1,3-Dichloropropene

Concen: 5.440 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

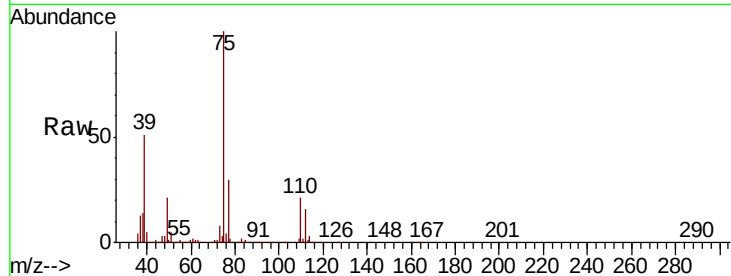
VICV62

Tot Ion: 75 Resp: 101108

Ion Ratio Lower Upper

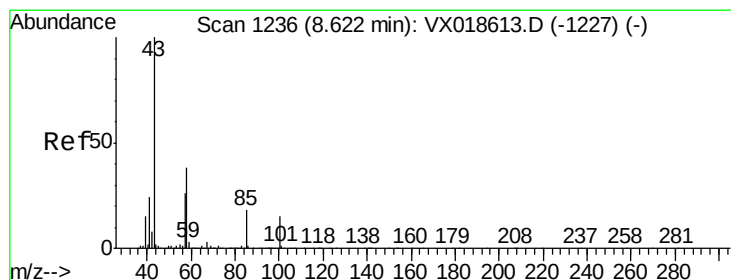
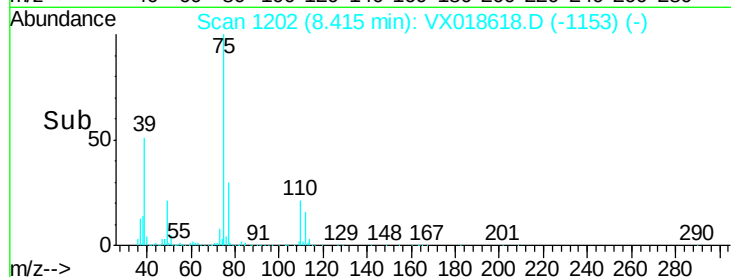
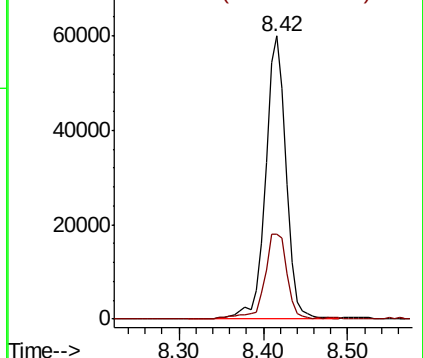
75 100

77 30.2 23.0 42.8



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: 55.945 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

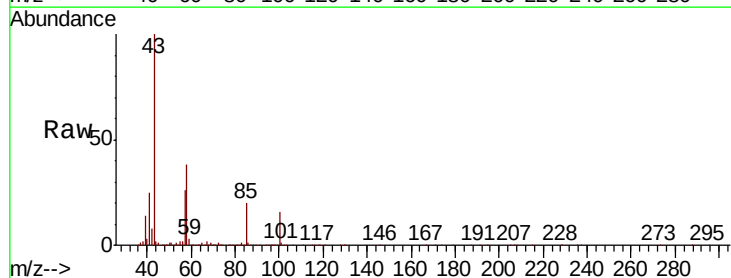
Tgt Ion: 43 Resp: 406369

Ion Ratio Lower Upper

43 100

58 36.9 30.2 45.4

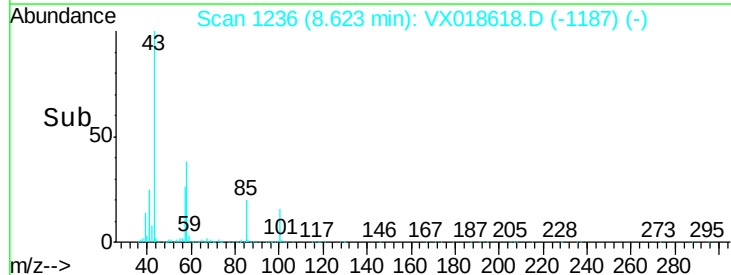
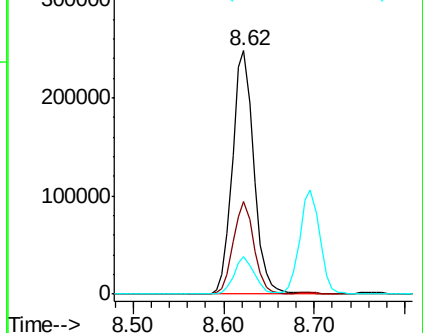
100 14.7 11.8 17.8

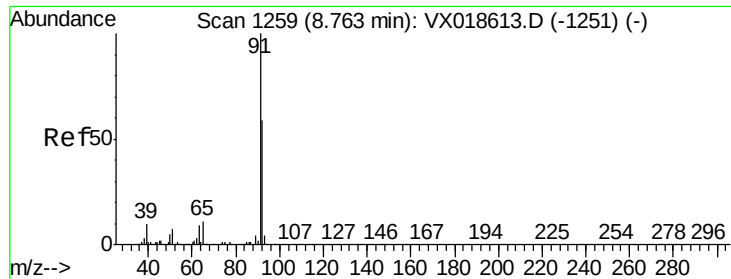


Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 100.15 (99.85 to 100.85): VX0





#42

Toluene

Concen: 5.403 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

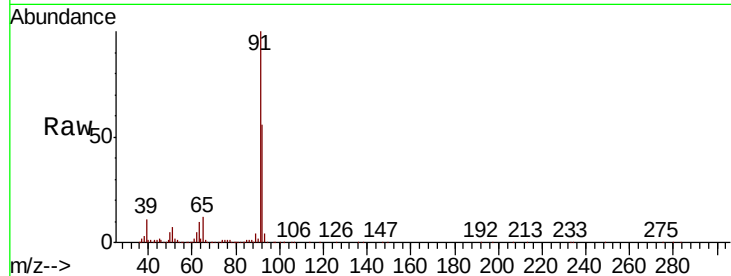
VICV62

Tot Ion: 91 Resp: 286656

Ion Ratio Lower Upper

91 100

92 56.2 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.76

200000

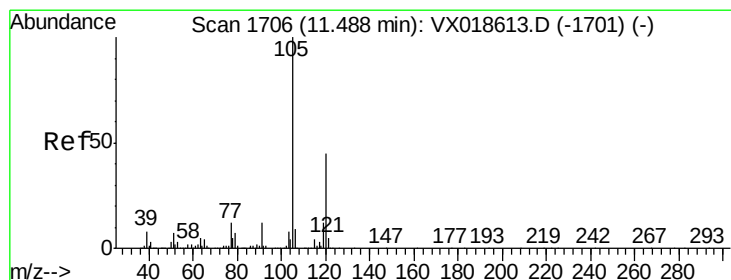
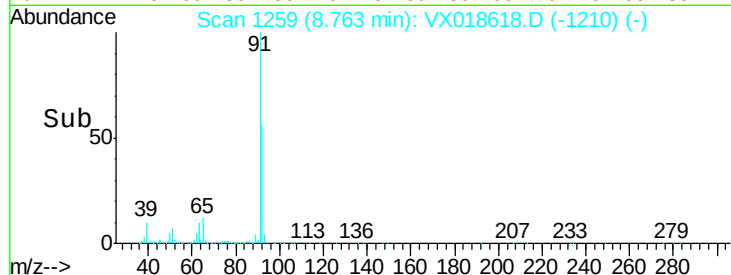
150000

100000

50000

0

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 5.521 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018618.D

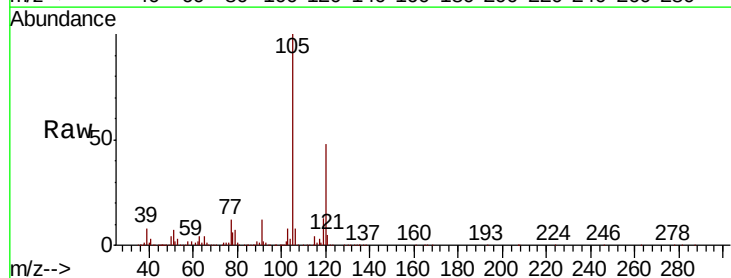
Acq: 28 Sep 2020 15:39

Tgt Ion:105 Resp: 256064

Ion Ratio Lower Upper

105 100

120 49.4 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

200000

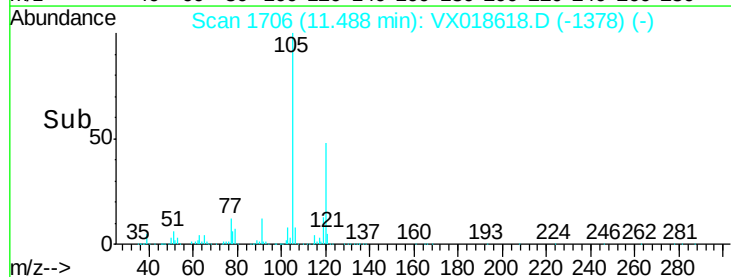
150000

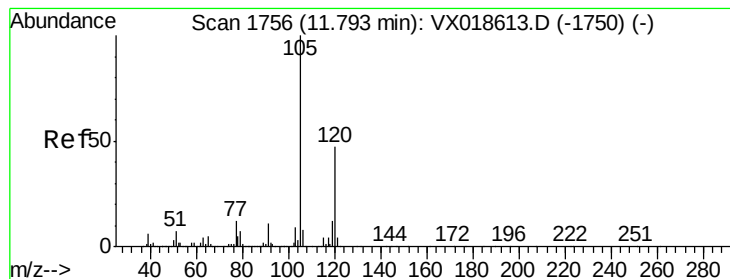
100000

50000

0

Time-->





#44

1,2,4-Trimethylbenzene

Concen: 5.596 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampled :

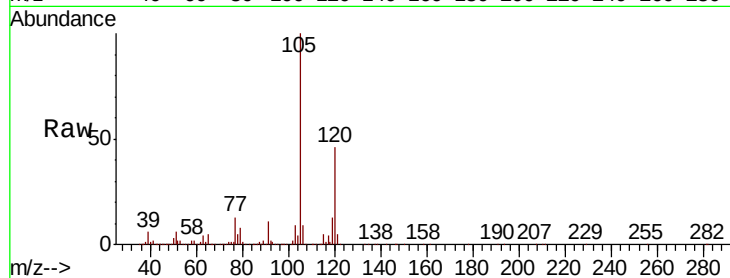
VICV62

Tot Ion:105 Resp: 259666

Ion Ratio Lower Upper

105 100

120 46.3 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

0

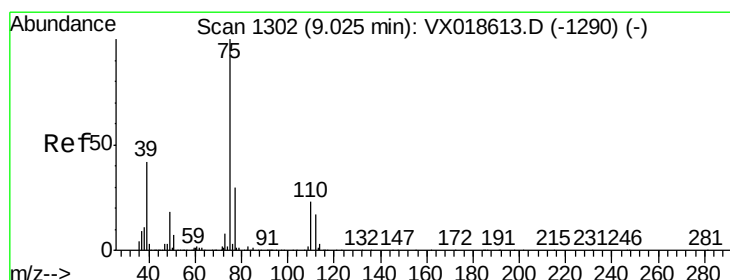
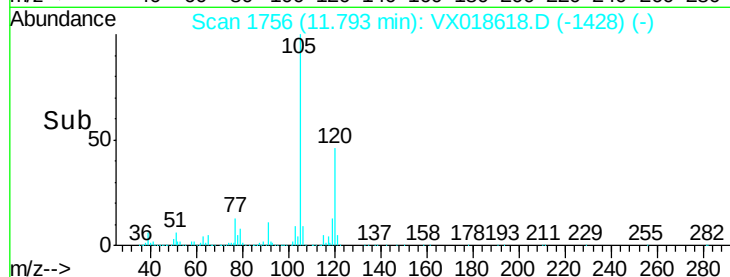
11.79

11.75

11.80

11.85

Time-->



#46

trans-1,3-Dichloropropene

Concen: 5.354 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018618.D

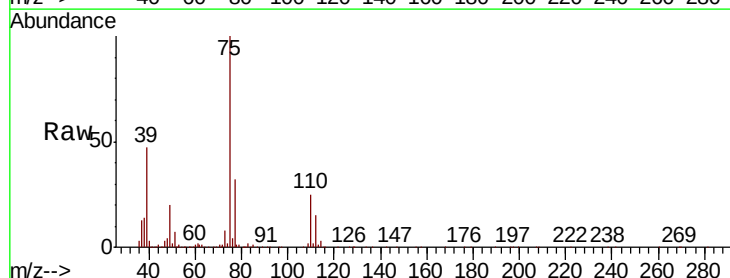
Acq: 28 Sep 2020 15:39

Tgt Ion: 75 Resp: 90758

Ion Ratio Lower Upper

75 100

77 32.0 21.2 39.4



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

60000

40000

20000

0

9.02

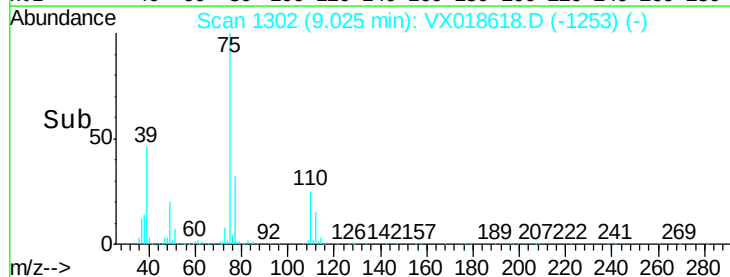
8.95

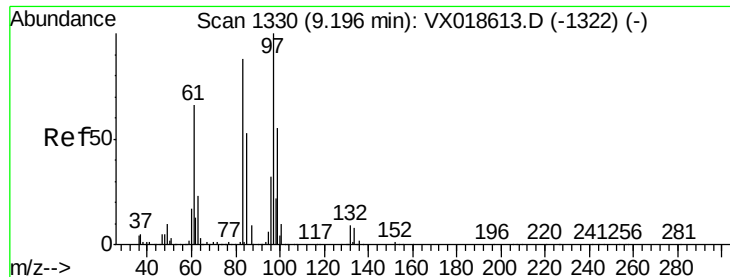
9.00

9.05

9.10

Time-->

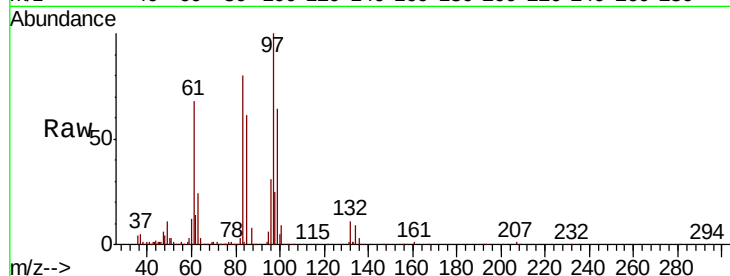




#47
 1,1,2-Trichloroethane
 Concen: 5.345 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018618.D
 Acq: 28 Sep 2020 15:39

Instrument :
 MSVOA_X
 ClientSampled :
 VICV62

Tot Ion:	97	Resp:	50265
Ion	Ratio	Lower	Upper
97	100		
99	63.9	38.9	72.2
83	80.3	61.9	114.9
85	61.0	37.2	69.2



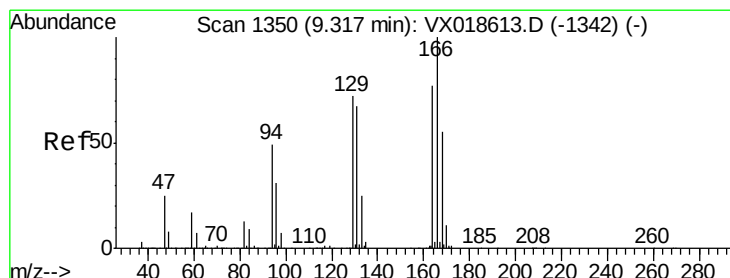
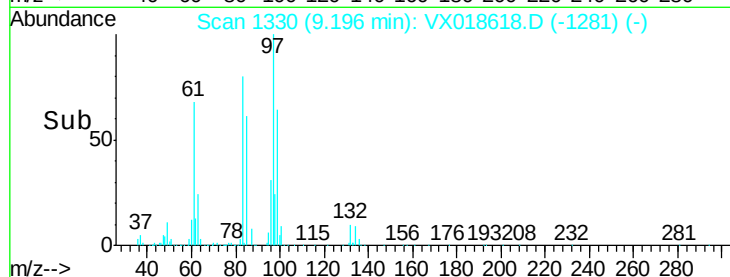
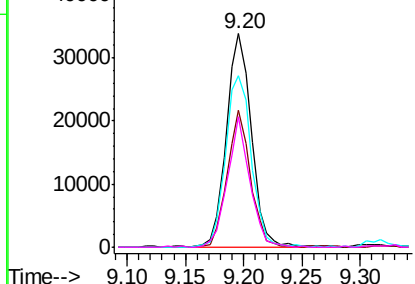
Abundance

Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

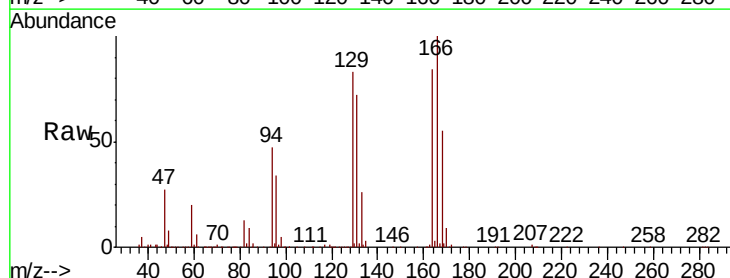
Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#49
 Tetrachloroethene
 Concen: 5.406 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX018618.D
 Acq: 28 Sep 2020 15:39

Tgt Ion:	164	Resp:	60492
Ion	Ratio	Lower	Upper
164	100		
129	98.2	65.9	122.3
131	85.4	61.4	114.0
166	118.7	91.0	169.0



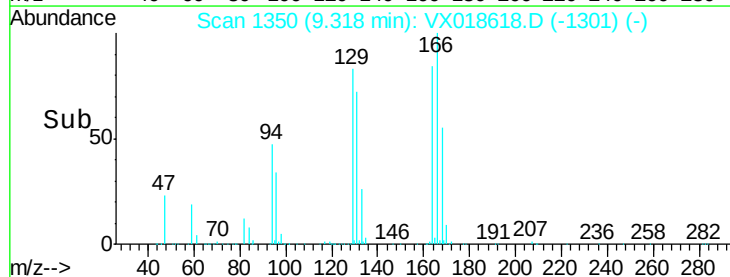
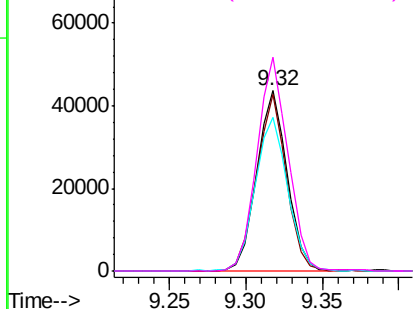
Abundance

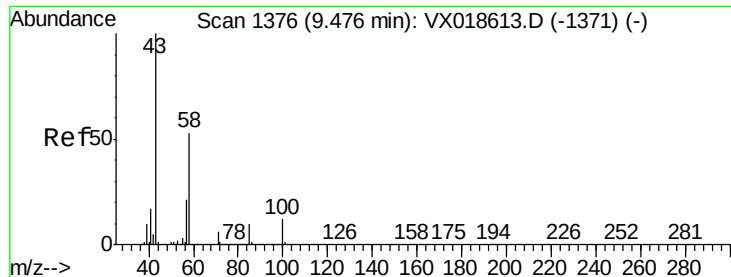
Ion 163.90 (163.60 to 164.60): V

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

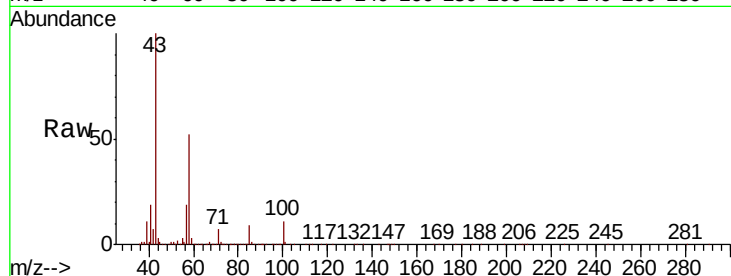




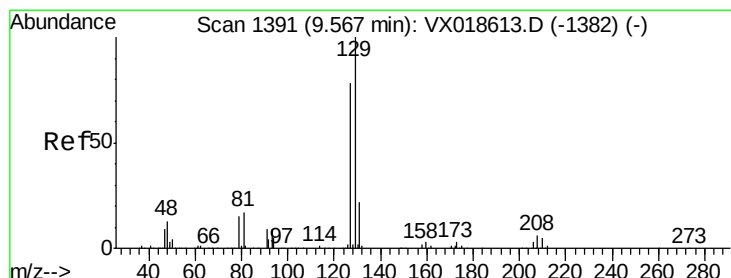
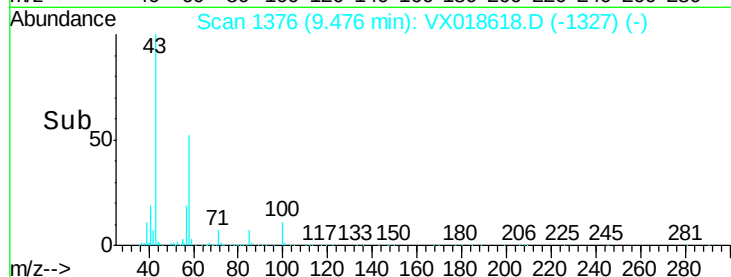
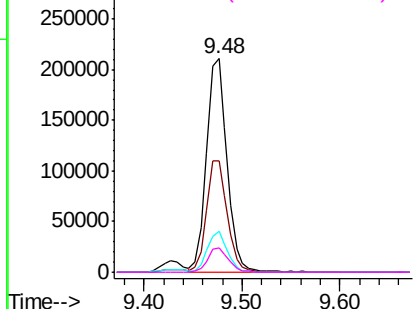
#50
2-Hexanone
Concen: 59.894 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

Instrument :
MSVOA_X
ClientSampleId :
VICV62

Tot Ion: 43 Resp: 307940
Ion Ratio Lower Upper
43 100
58 51.7 42.5 63.7
57 18.6 15.9 23.9
100 11.6 9.4 14.0

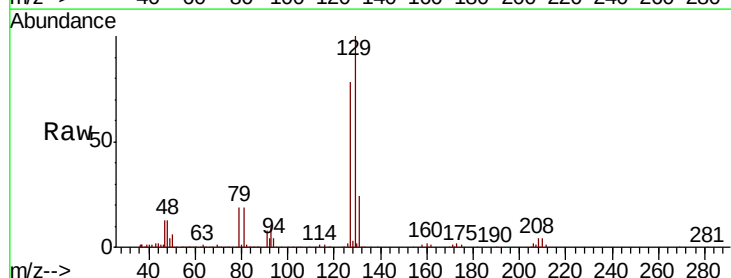


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

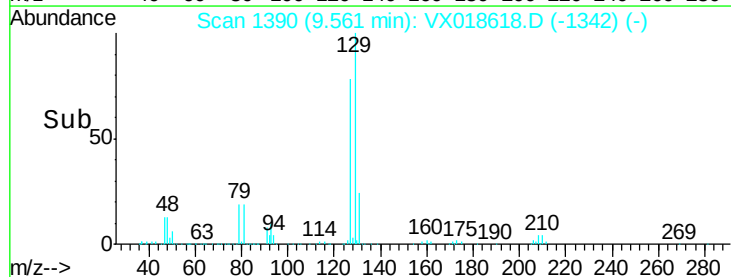
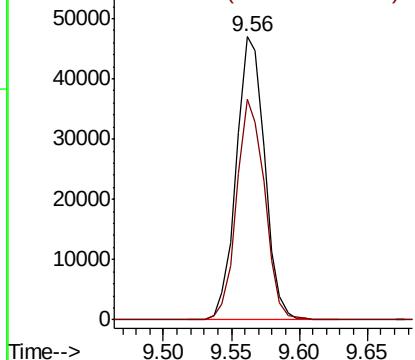


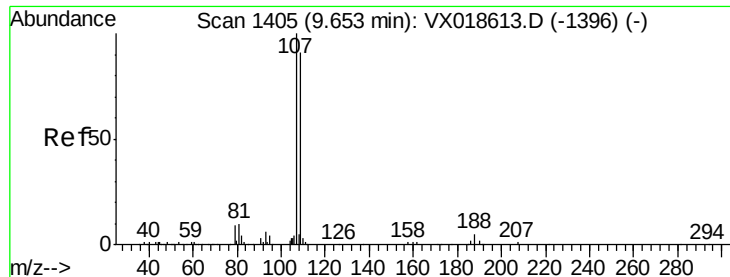
#51
Dibromochloromethane
Concen: 5.557 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

Tgt Ion: 129 Resp: 68388
Ion Ratio Lower Upper
129 100
127 77.8 55.0 102.2



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#52

1,2-Dibromoethane

Concen: 5.528 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

VICV62

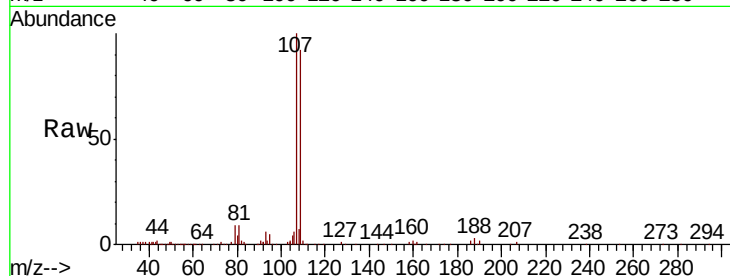
Tot Ion:107 Resp: 48426

Ion Ratio Lower Upper

107 100

109 91.5 63.4 117.8

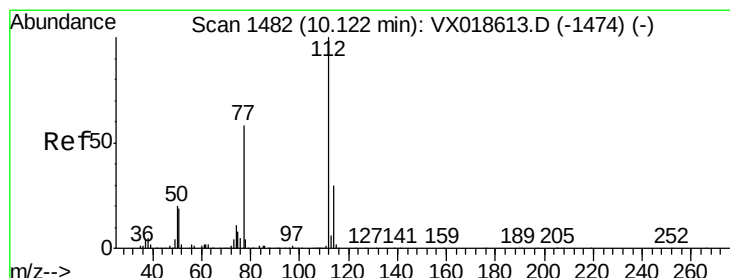
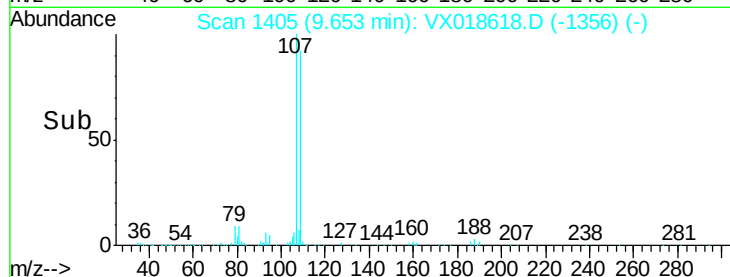
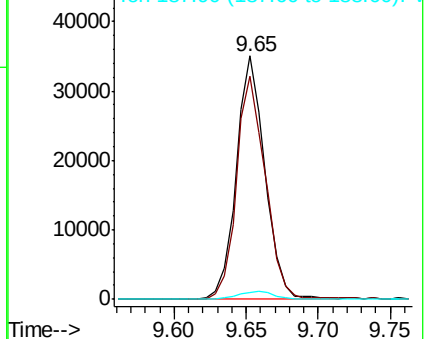
188 2.9 4.1 6.1#



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: 5.410 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

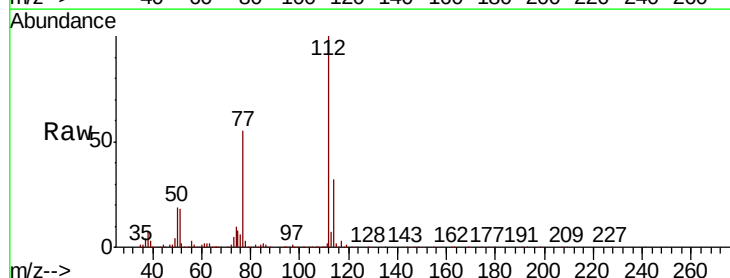
Tgt Ion:112 Resp: 189588

Ion Ratio Lower Upper

112 100

114 32.3 20.6 38.4

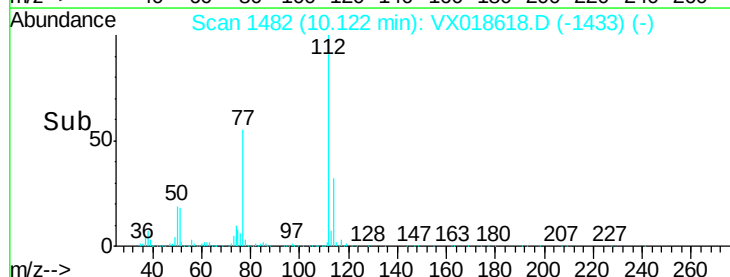
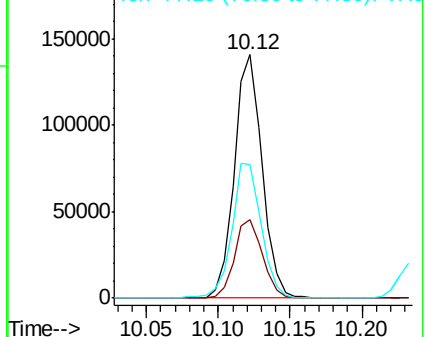
77 55.1 46.6 69.8

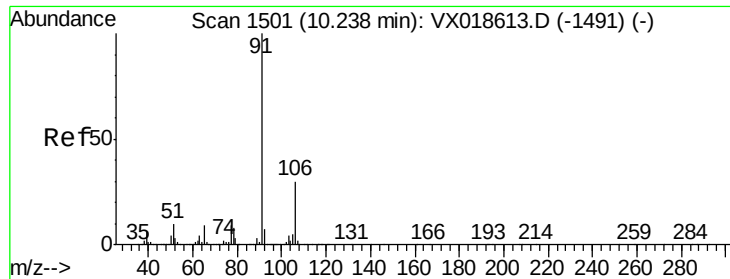


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 5.361 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

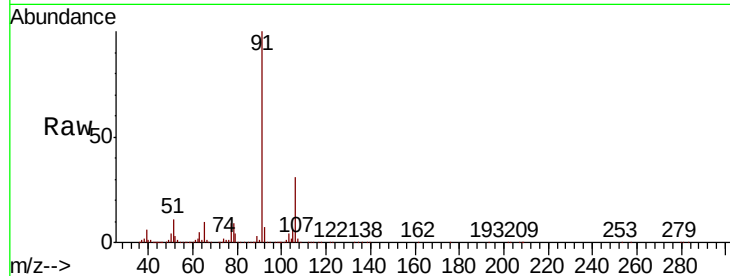
VICV62

Tot Ion: 91 Resp: 309826

Ion Ratio Lower Upper

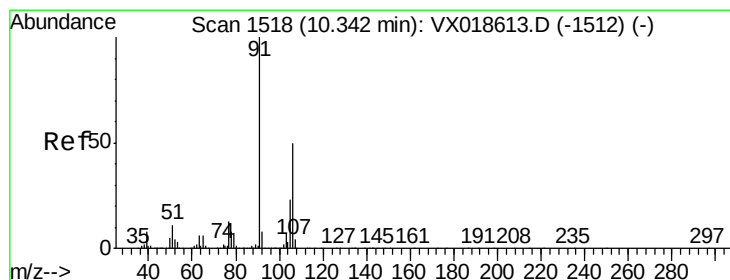
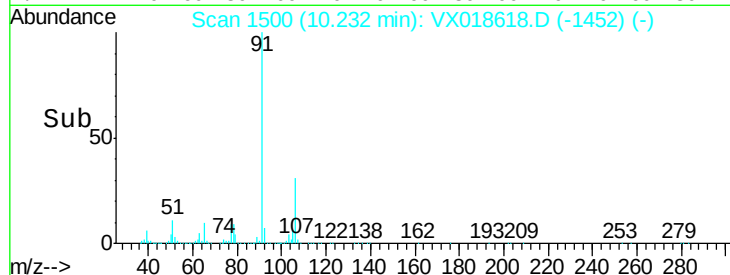
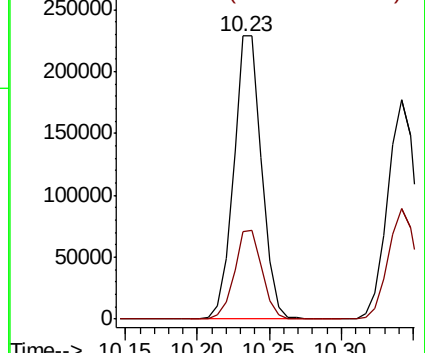
91 100

106 31.0 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 5.504 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018618.D

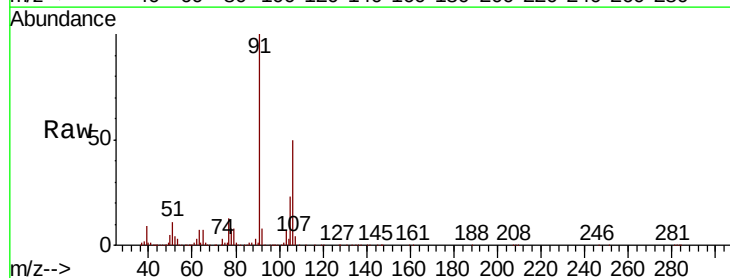
Acq: 28 Sep 2020 15:39

Tgt Ion: 106 Resp: 121618

Ion Ratio Lower Upper

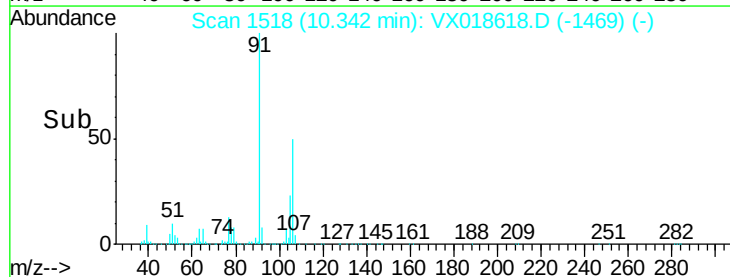
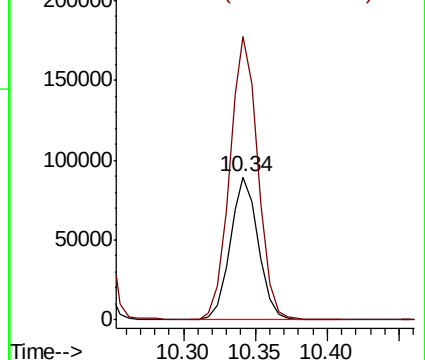
106 100

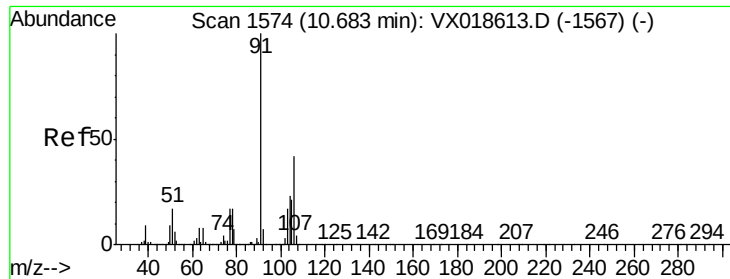
91 198.5 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

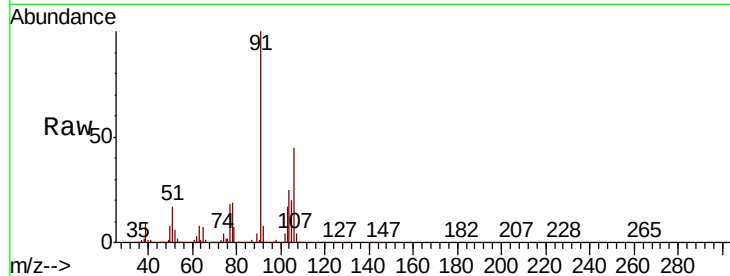




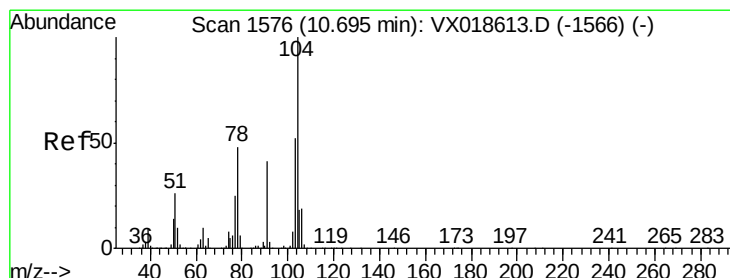
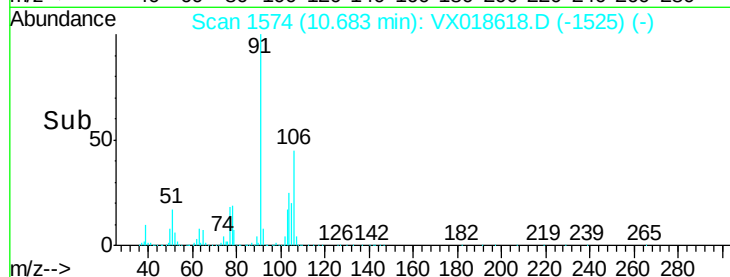
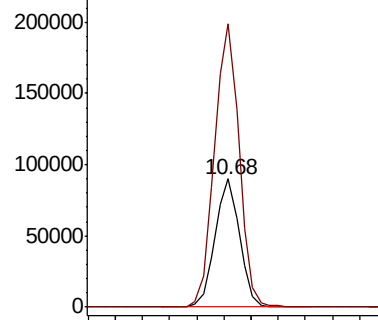
#56
o-xylene
Concen: 5.442 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

Instrument :
MSVOA_X
ClientSampleId :
VICV62

Tot Ion:106 Resp: 113613
Ion Ratio Lower Upper
106 100
91 220.5 167.5 311.1

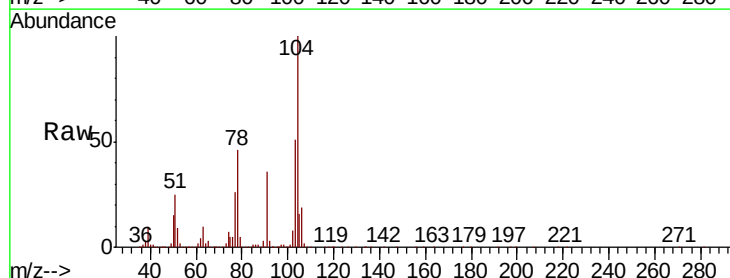


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0

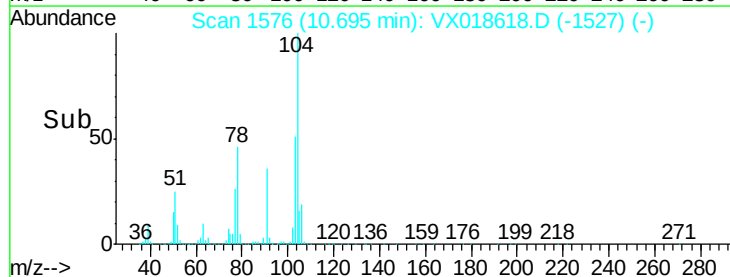
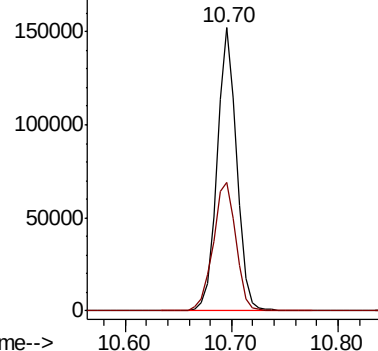


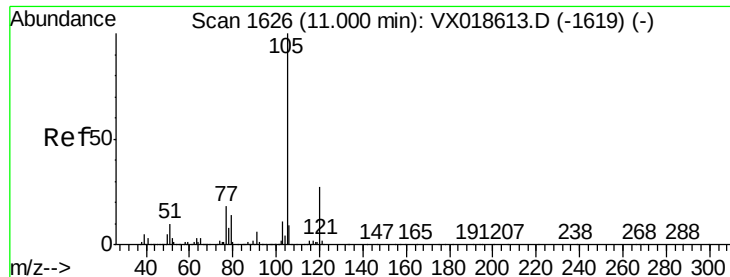
#57
Styrene
Concen: 5.685 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

Tgt Ion:104 Resp: 195957
Ion Ratio Lower Upper
104 100
78 45.6 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 5.505 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

VICV62

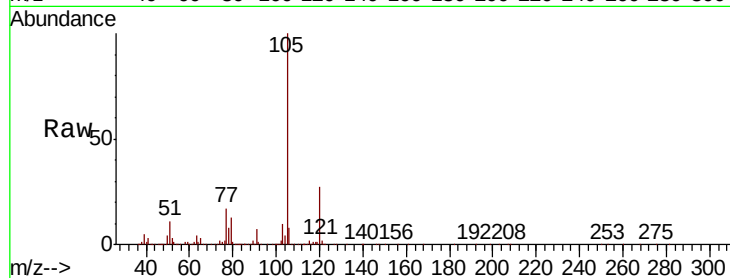
Tot Ion:105 Resp: 308176

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

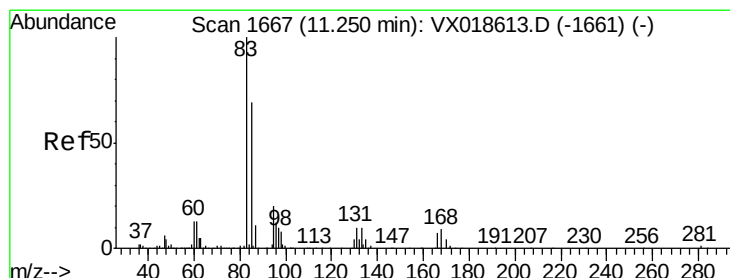
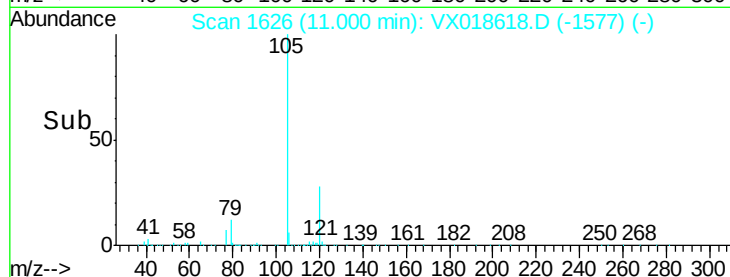
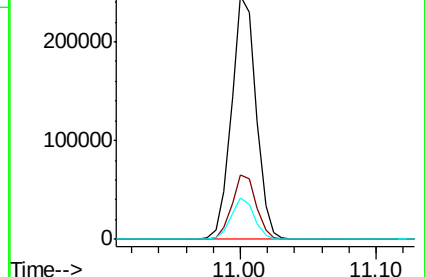
77 16.3 13.3 19.9



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: 5.523 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

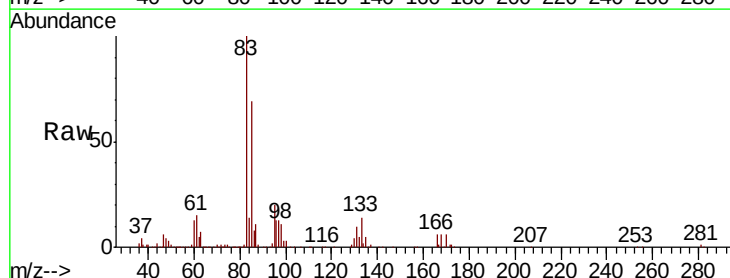
Tgt Ion: 83 Resp: 58666

Ion Ratio Lower Upper

83 100

85 69.1 48.5 90.1

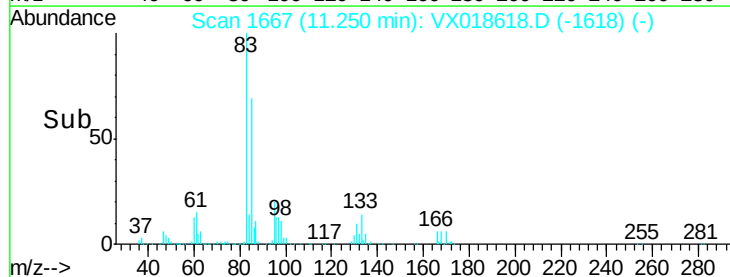
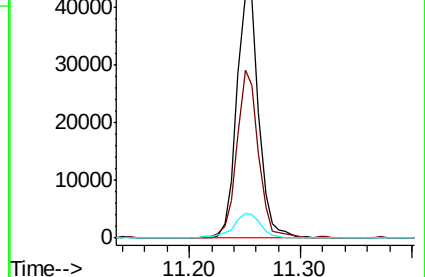
131 10.0 7.8 11.6

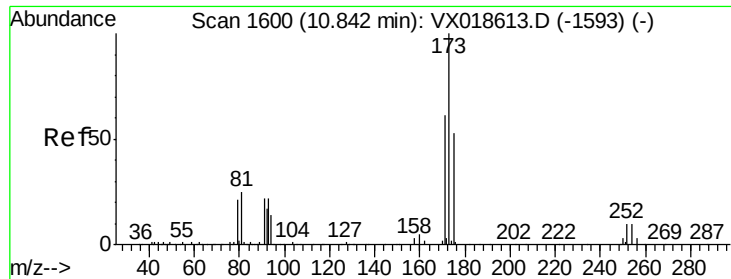


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 5.398 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

VICV62

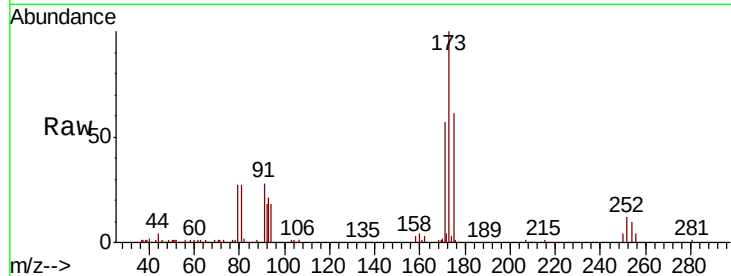
Tot Ion:173 Resp: 36722

Ion Ratio Lower Upper

173 100

175 54.5 41.6 62.4

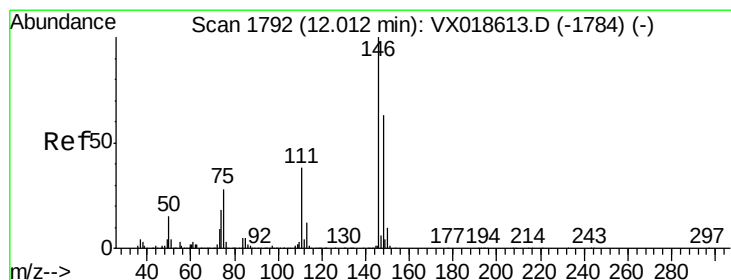
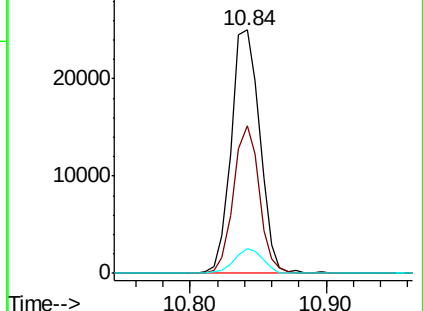
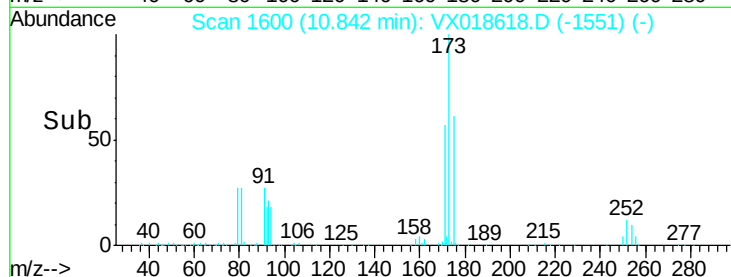
254 10.1 7.7 11.5



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: 5.554 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

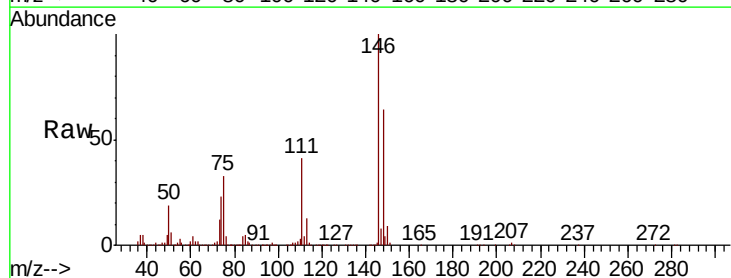
Tgt Ion:146 Resp: 154288

Ion Ratio Lower Upper

146 100

111 40.6 26.7 49.7

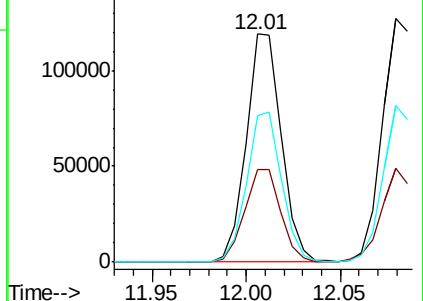
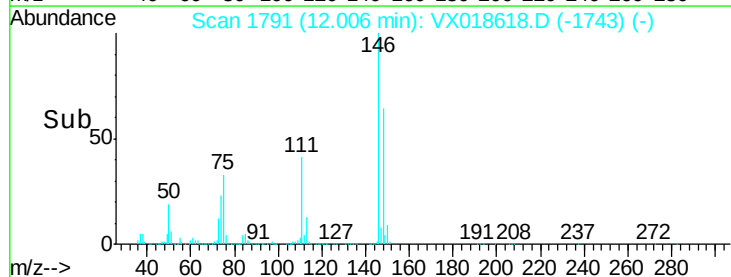
148 64.1 44.4 82.5

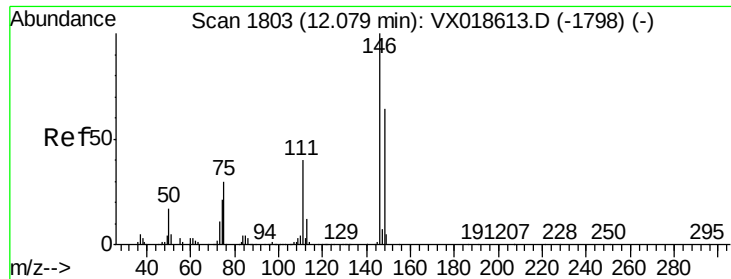


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

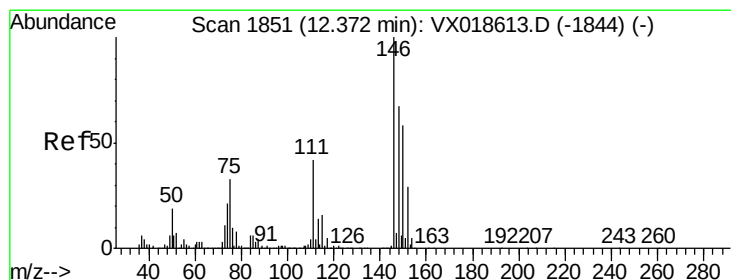
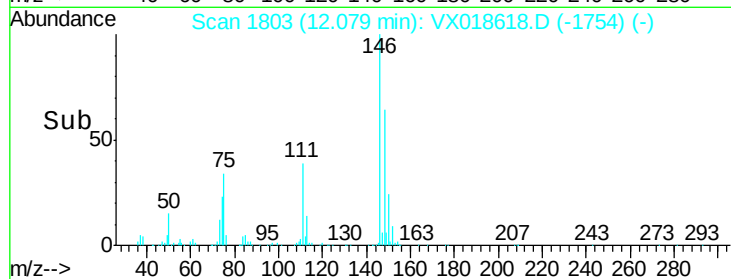
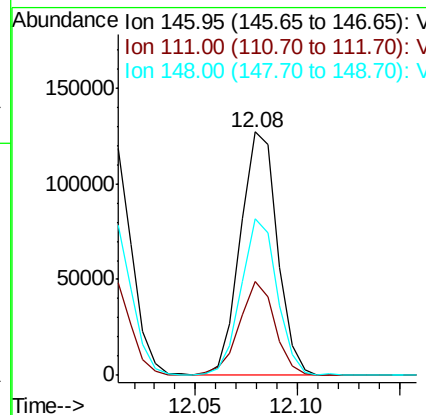
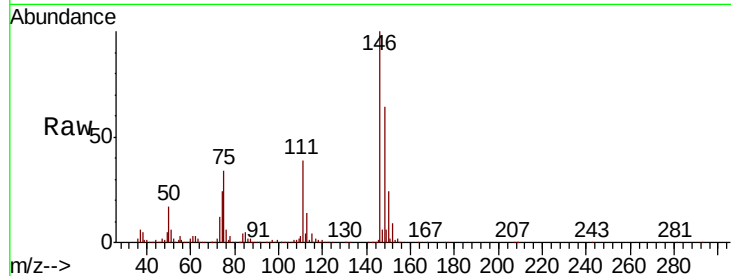




#64
1,4-Dichlorobenzene
Concen: 5.679 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

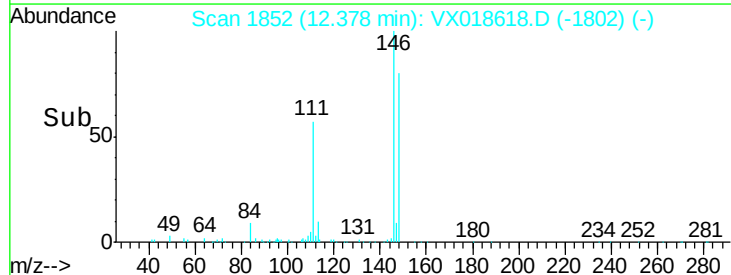
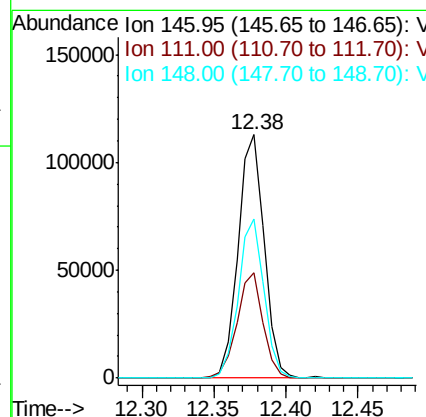
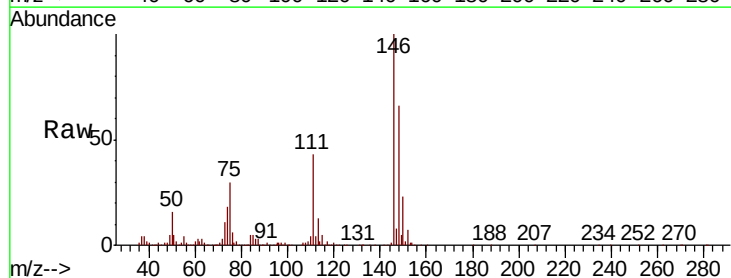
Instrument :
MSVOA_X
ClientSampled :
VICV62

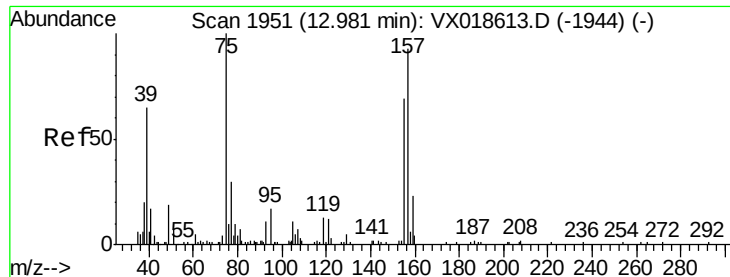
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	28.8	53.4
148	64.2	44.9	83.3



#66
1,2-Dichlorobenzene
Concen: 5.532 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	33.6	50.4
148	65.6	53.4	80.2





#67

1,2-Dibromo-3-chloropropane

Concen: 5.155 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Instrument :

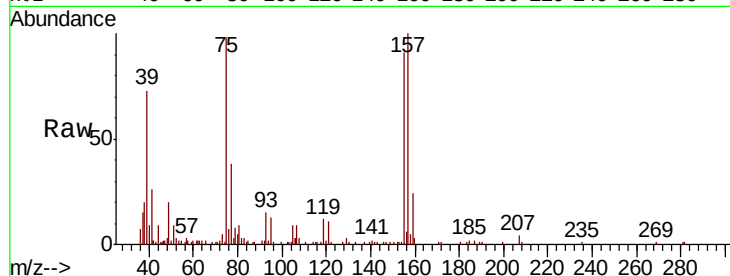
MSVOA_X

ClientSampleId :

VICV62

Tot Ion: 75 Resp: 11345

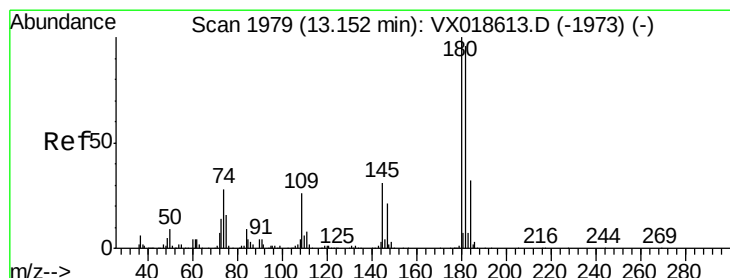
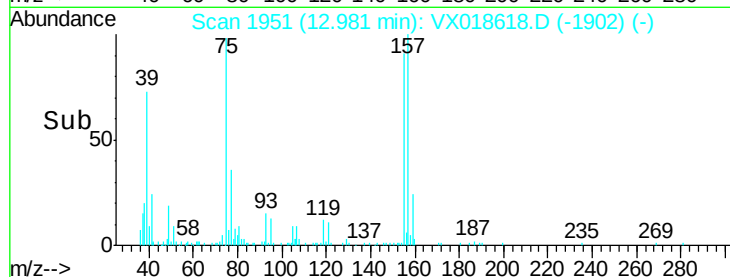
Ion	Ratio	Lower	Upper
75	100		
155	93.5	54.6	81.8#
157	102.3	73.5	110.3



Abundance Ion 75.05 (74.75 to 75.75): VX018618.D (-1902) (-)

Ion 154.95 (154.65 to 155.65): VX018618.D (-1902) (-)

Ion 156.90 (156.60 to 157.60): VX018618.D (-1902) (-)



#68

1,3,5-Trichlorobenzene

Concen: 5.472 ug/L

RT: 13.15 min Scan# 1979

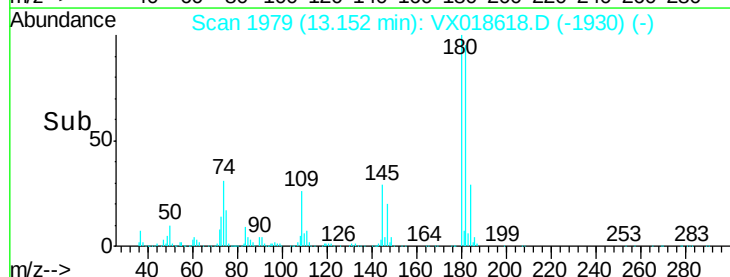
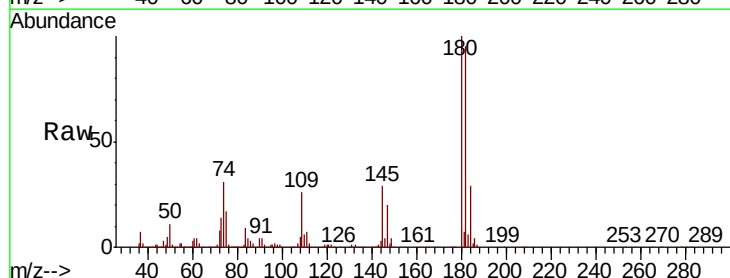
Delta R.T. 0.00 min

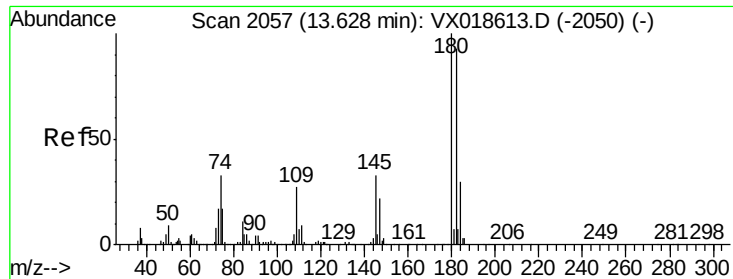
Lab File: VX018618.D

Acq: 28 Sep 2020 15:39

Tgt Ion: 180 Resp: 114133

Ion	Ratio	Lower	Upper
180	100		
182	98.8	72.4	108.6
184	29.9	25.3	37.9
145	29.5	25.6	38.4

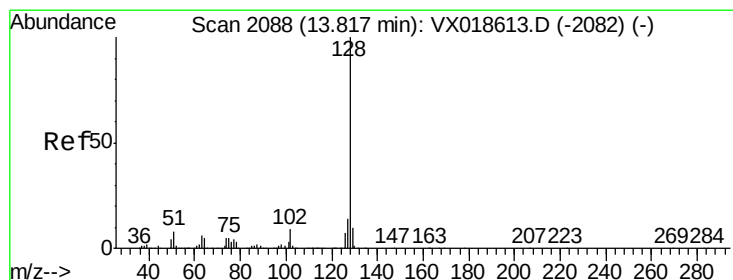
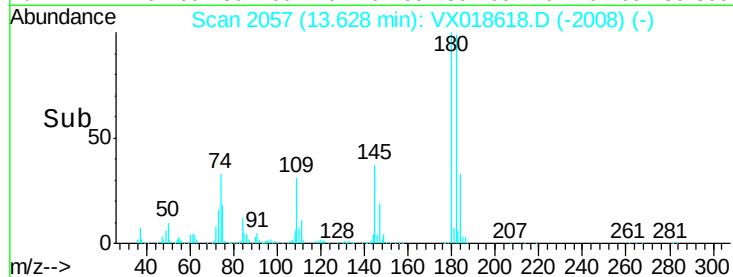
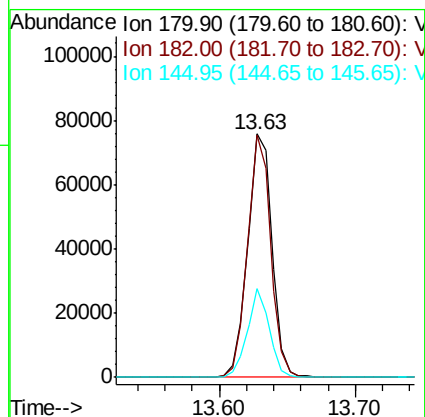
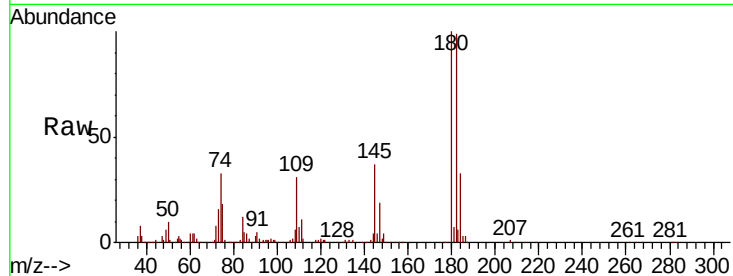




#69
1,2,4-trichlorobenzene
Concen: 5.561 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

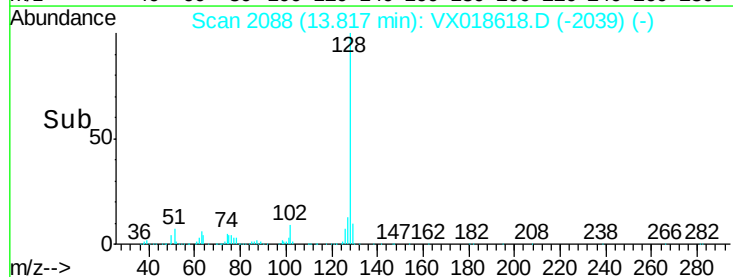
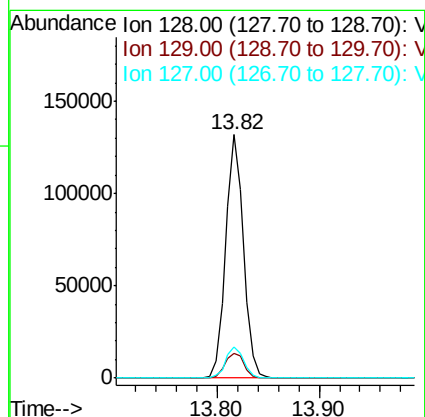
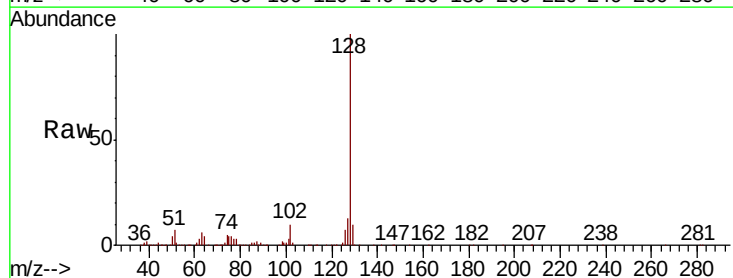
Instrument :
MSVOA_X
ClientSampleId :
VICV62

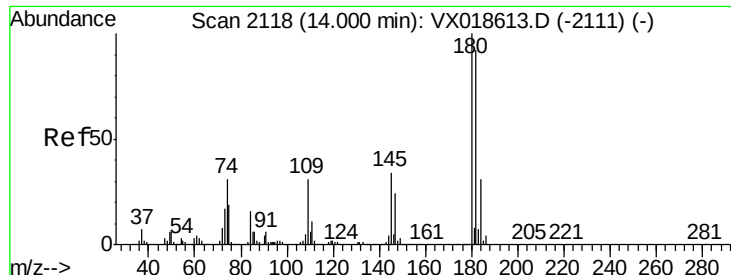
Tot Ion:180 Resp: 95077
Ion Ratio Lower Upper
180 100
182 94.1 74.6 112.0
145 32.6 25.0 37.6



#70
Naphthalene
Concen: 5.544 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018618.D
Acq: 28 Sep 2020 15:39

Tgt Ion:128 Resp: 160217
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.7 16.1





#71
 1,2,3-Trichlorobenzene
 Concen: 5.949 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX018618.D
 Acq: 28 Sep 2020 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV62

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.7	116.5
145	33.1	28.6	42.8

