

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091720\
 Data File : VX018457.D
 Acq On : 17 Sep 2020 09:48
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 17 11:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	643252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1012869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	938836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	471316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	12928	1.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.90%	
35) Dibromofluoromethane	5.46	113	8702	1.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.54%	
50) Toluene-d8	8.70	98	27820	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	
62) 4-Bromofluorobenzene	11.12	95	12098	1.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.42%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	5851	0.779	ug/l	98
3) Chloromethane	1.31	50	7587	0.944	ug/l	90
4) Vinyl Chloride	1.39	62	8253	1.022	ug/l	98
5) Bromomethane	1.64	94	6889	1.678	ug/l	86
6) Chloroethane	1.71	64	4487	1.024	ug/l #	88
7) Trichlorofluoromethane	1.92	101	12496	1.117	ug/l	99
8) Diethyl Ether	2.17	74	4730	1.244	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7008	1.154	ug/l	96
10) Methyl Iodide	2.50	142	3748	0.632	ug/l #	94
11) Tert butyl alcohol	3.01	59	9203	5.394	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	7066	1.126	ug/l	93
13) Acrolein	2.27	56	4408	5.705	ug/l	83
14) Allyl chloride	2.71	41	13469	1.188	ug/l	98
15) Acrylonitrile	3.11	53	18178	4.630	ug/l	84
16) Acetone	2.42	43	21051	6.037	ug/l	100
17) Carbon Disulfide	2.55	76	21145	1.111	ug/l	98
18) Methyl Acetate	2.75	43	9176	1.089	ug/l	91
19) Methyl tert-butyl Ether	3.16	73	20963	0.971	ug/l	100
20) Methylene Chloride	2.84	84	9730	1.240	ug/l #	82
21) trans-1,2-Dichloroethene	3.14	96	8205	1.174	ug/l #	77
22) Diisopropyl ether	3.82	45	22700	1.018	ug/l #	85
23) Vinyl Acetate	3.78	43	96459	4.864	ug/l	98
24) 1,1-Dichloroethane	3.67	63	14711	1.162	ug/l #	96
25) 2-Butanone	4.64	43	26426	4.654	ug/l #	87
26) 2,2-Dichloropropane	4.55	77	14567	1.381	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	9204	1.144	ug/l	95
28) Bromochloromethane	4.97	49	6022	0.981	ug/l	98
29) Tetrahydrofuran	5.10	42	15972	4.431	ug/l	92
30) Chloroform	5.17	83	14012	1.068	ug/l	91
31) Cyclohexane	5.56	56	11391	1.063	ug/l	85
32) 1,1,1-Trichloroethane	5.47	97	13197	1.090	ug/l #	49
36) 1,1-Dichloropropene	5.77	75	10900	1.161	ug/l	94
37) Ethyl Acetate	4.79	43	10808	0.998	ug/l #	84
38) Carbon Tetrachloride	5.75	117	10678	1.007	ug/l #	94

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Quant Time: Sep 17 11:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	12133	1.177	ug/l	96
40) Benzene	6.10	78	30459	1.106	ug/l	98
41) Methacrylonitrile	5.01	41	6467	1.089	ug/l #	84
42) 1,2-Dichloroethane	6.16	62	11714	1.107	ug/l	84
43) Isopropyl Acetate	6.42	43	17789	1.017	ug/l #	91
44) Trichloroethene	7.19	130	9167	1.175	ug/l	84
45) 1,2-Dichloropropane	7.48	63	9001	1.217	ug/l	100
46) Dibromomethane	7.65	93	6225	1.191	ug/l	97
47) Bromodichloromethane	7.87	83	11130	1.070	ug/l	99
48) Methyl methacrylate	7.74	41	8068	0.927	ug/l	100
49) 1,4-Dioxane	7.73	88	3234	21.214	ug/l #	84
51) 4-Methyl-2-Pentanone	8.62	43	48948	4.557	ug/l	98
52) Toluene	8.77	92	18899	1.087	ug/l	90
53) t-1,3-Dichloropropene	9.02	75	12851	1.112	ug/l	89
54) cis-1,3-Dichloropropene	8.42	75	12681	1.035	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	7647	1.033	ug/l	95
56) Ethyl methacrylate	9.16	69	10179	0.923	ug/l #	90
57) 1,3-Dichloropropane	9.35	76	13092	1.071	ug/l #	84
58) 2-Chloroethyl Vinyl ether	8.29	63	27076	5.287	ug/l	98
59) 2-Hexanone	9.47	43	36796	4.510	ug/l	94
60) Dibromochloromethane	9.56	129	9101	1.046	ug/l	97
61) 1,2-Dibromoethane	9.65	107	8104	1.009	ug/l	90
64) Tetrachloroethene	9.32	164	8938	1.289	ug/l	94
65) Chlorobenzene	10.12	112	20587	1.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	8576	1.156	ug/l #	65
67) Ethyl Benzene	10.23	91	33501	1.045	ug/l	95
68) m/p-Xylenes	10.34	106	26109	2.189	ug/l	91
69) o-Xylene	10.68	106	11970	1.033	ug/l	95
70) Styrene	10.70	104	19469	0.984	ug/l	97
71) Bromoform	10.84	173	6945	1.098	ug/l #	88
73) Isopropylbenzene	11.00	105	30856	0.996	ug/l	100
74) N-amyl acetate	10.88	43	13951	0.959	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	10979	1.007	ug/l	90
76) 1,2,3-Trichloropropane	11.28	75	13485	1.295	ug/l	94
77) Bromobenzene	11.24	156	9444	1.099	ug/l	97
78) n-propylbenzene	11.34	91	35657	1.007	ug/l	99
79) 2-Chlorotoluene	11.40	91	22708	1.042	ug/l	91
80) 1,3,5-Trimethylbenzene	11.49	105	24663	0.965	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.05	75	3831	0.988	ug/l #	86
82) 4-Chlorotoluene	11.49	91	25408	0.980	ug/l	91
83) tert-Butylbenzene	11.76	119	25072	0.992	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	25176	0.963	ug/l	99
85) sec-Butylbenzene	11.93	105	28911	1.003	ug/l	99
86) p-Isopropyltoluene	12.05	119	25789	0.973	ug/l	87
87) 1,3-Dichlorobenzene	12.01	146	16273	1.073	ug/l	97
88) 1,4-Dichlorobenzene	12.01	146	16273	1.071	ug/l	99
89) n-Butylbenzene	12.37	91	26589	1.093	ug/l	97
90) Hexachloroethane	12.59	117	6209	1.192	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	15810	1.115	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2554	0.935	ug/l	86

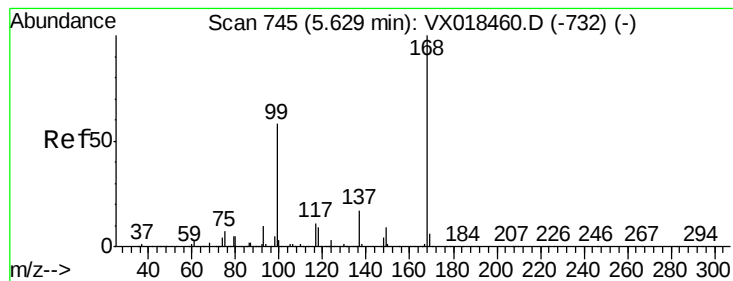
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091720\
Data File : VX018457.D
Acq On : 17 Sep 2020 09:48
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Quant Title : SW846 8260
QLast Update : Thu Sep 17 11:50:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	10660	1.122	ug/l	91
94) Hexachlorobutadiene	13.77	225	4507	1.183	ug/l	87
95) Naphthalene	13.82	128	27168	0.874	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	10101	1.072	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

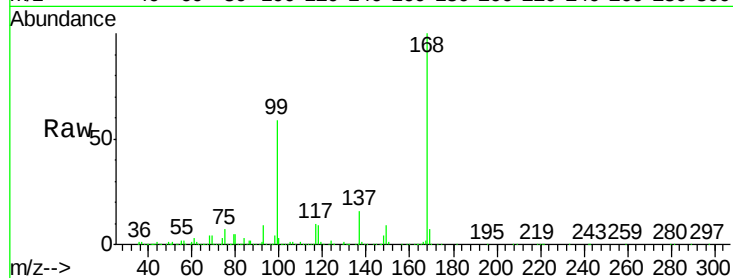
VSTDIC001

Tgt Ion:168 Resp: 643252

Ion Ratio Lower Upper

168 100

99 59.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

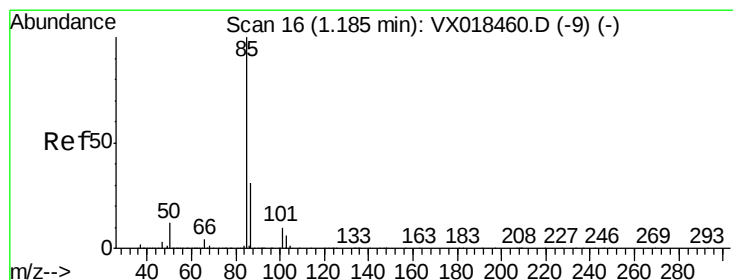
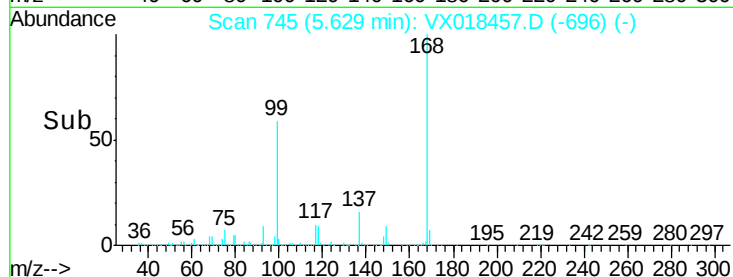
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.779 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018457.D

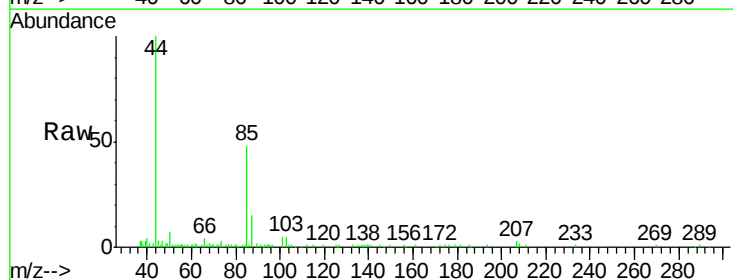
Acq: 17 Sep 2020 09:48

Tgt Ion: 85 Resp: 5851

Ion Ratio Lower Upper

85 100

87 30.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

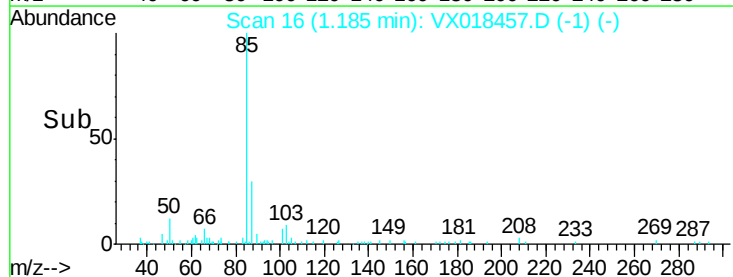
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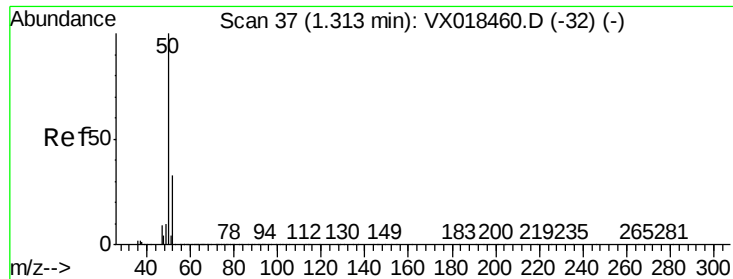
4000

2000

0

Time-->

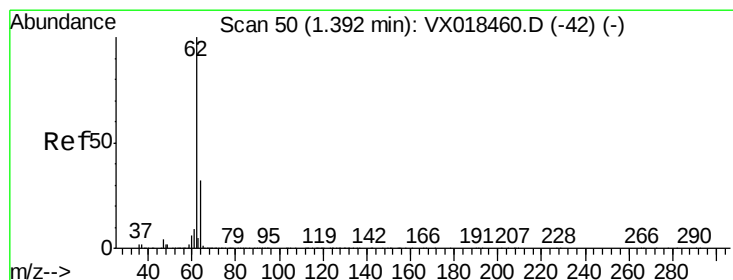
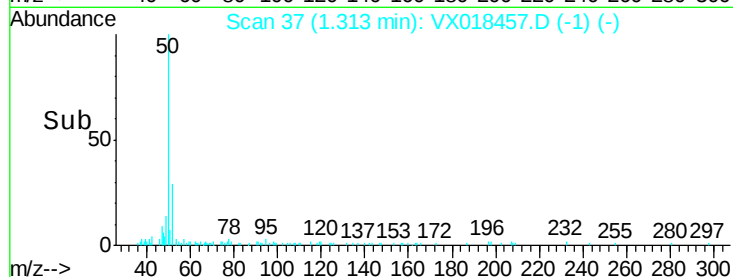
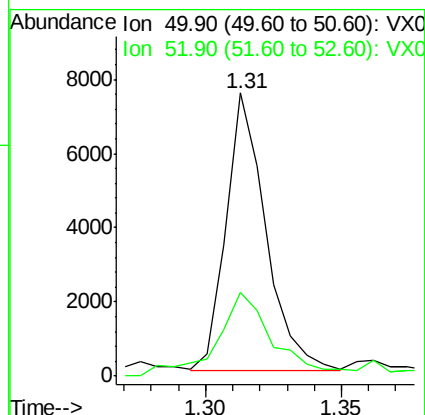
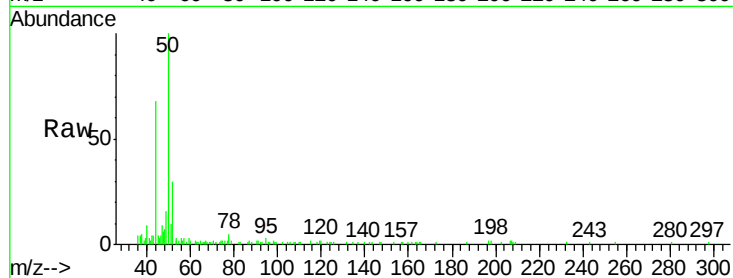




#3
Chloromethane
Concen: 0.944 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

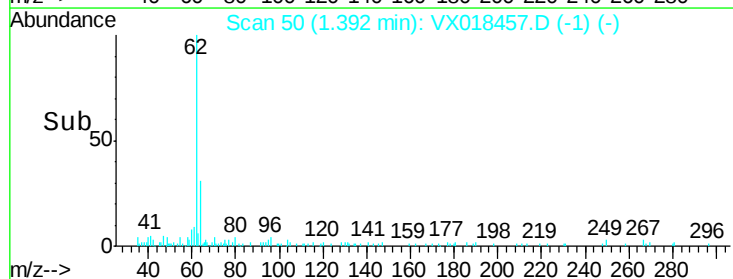
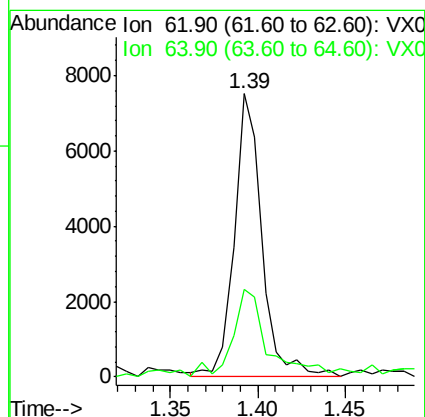
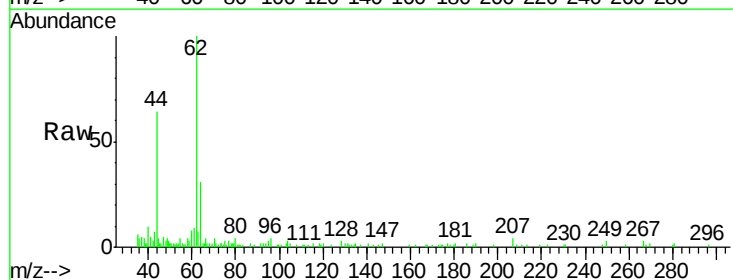
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

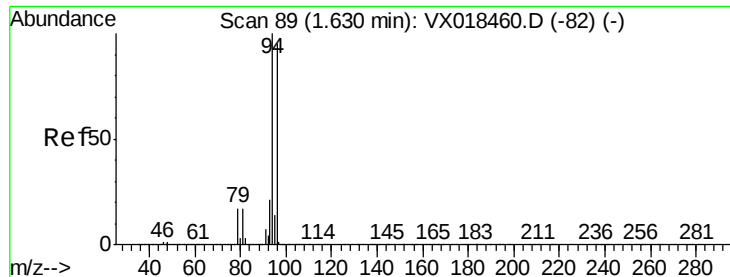
Tgt Ion: 50 Resp: 7587
Ion Ratio Lower Upper
50 100
52 27.7 26.6 40.0



#4
Vinyl Chloride
Concen: 1.022 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 62 Resp: 8253
Ion Ratio Lower Upper
62 100
64 31.0 25.7 38.5





#5

Bromomethane

Concen: 1.678 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

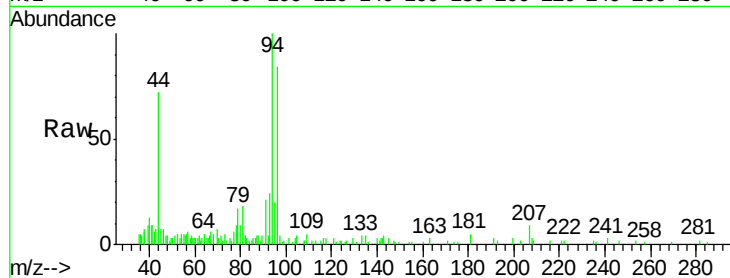
VSTDIC001

Tgt Ion: 94 Resp: 6889

Ion Ratio Lower Upper

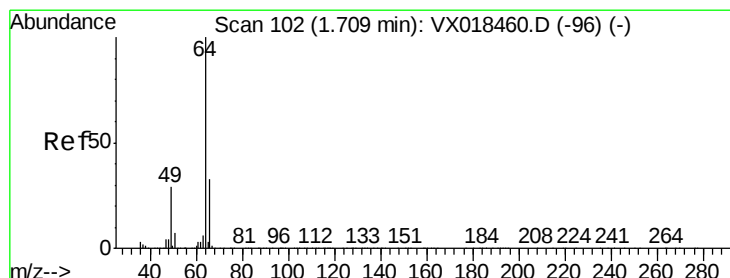
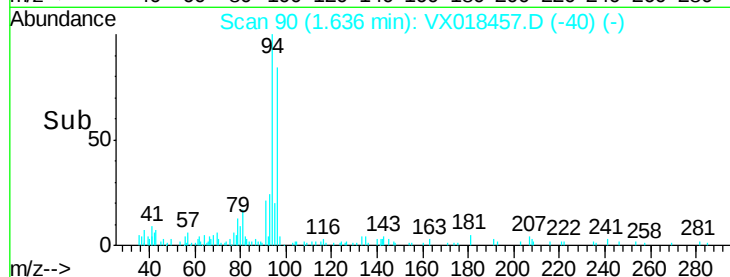
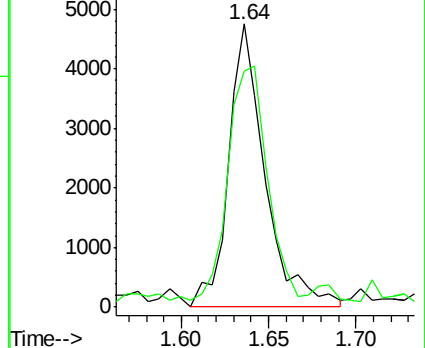
94 100

96 81.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.024 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018457.D

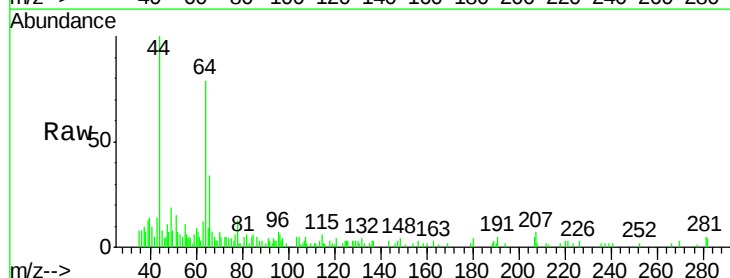
Acq: 17 Sep 2020 09:48

Tgt Ion: 64 Resp: 4487

Ion Ratio Lower Upper

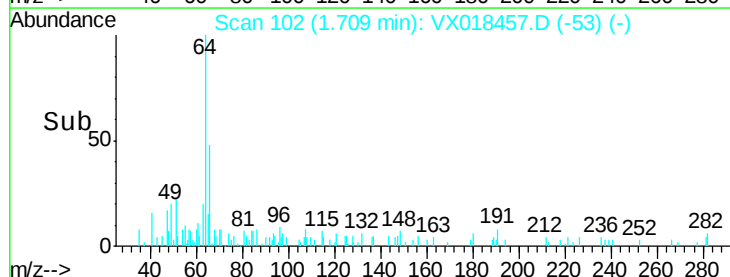
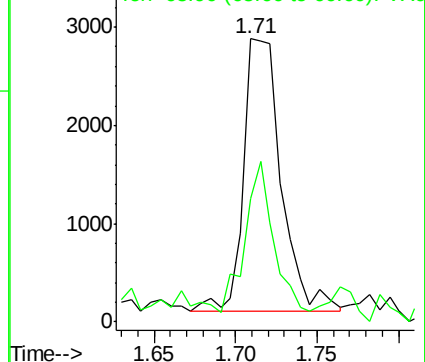
64 100

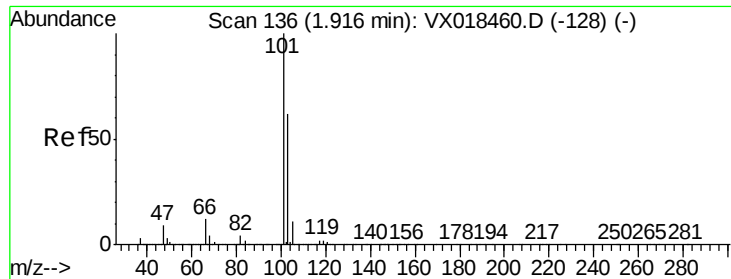
66 39.5 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



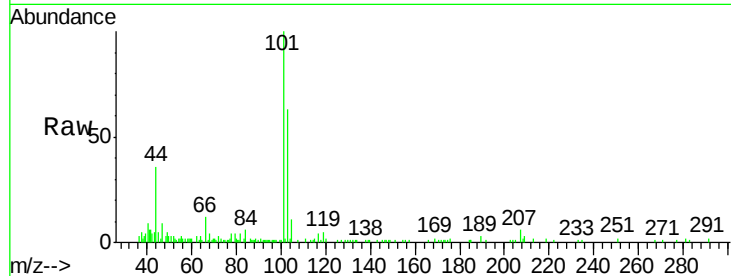


#7

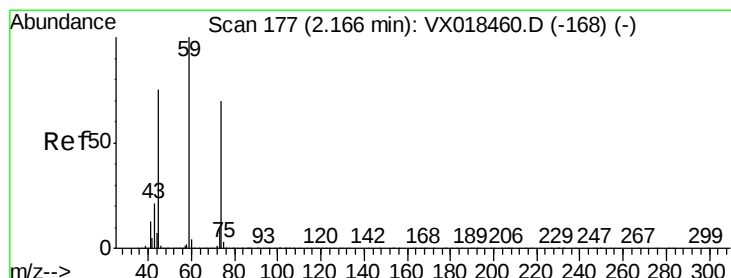
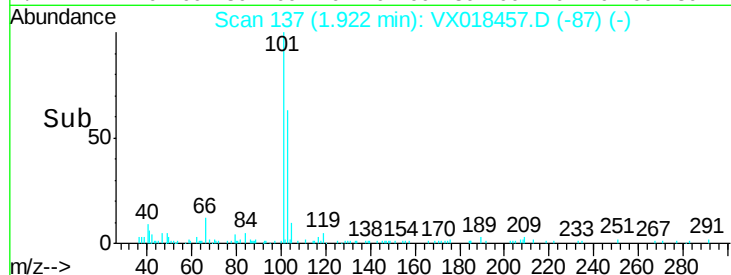
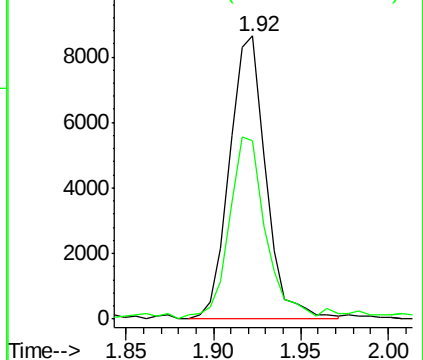
Trichlorofluoromethane
Concen: 1.117 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 101 Resp: 12496
Ion Ratio Lower Upper
101 100
103 61.4 49.6 74.4



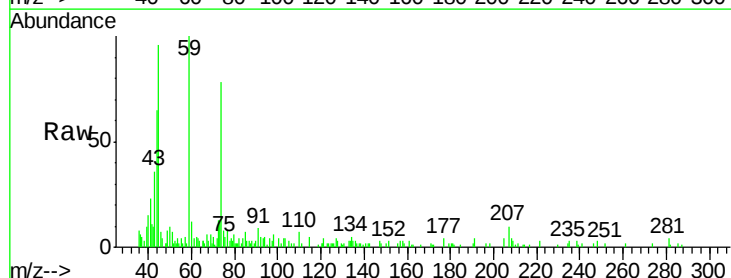
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



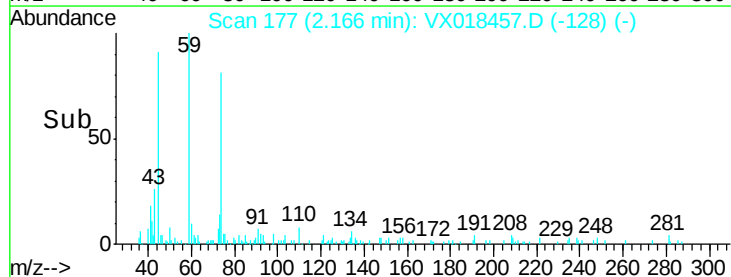
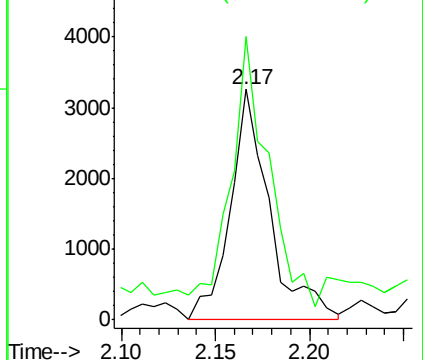
#8

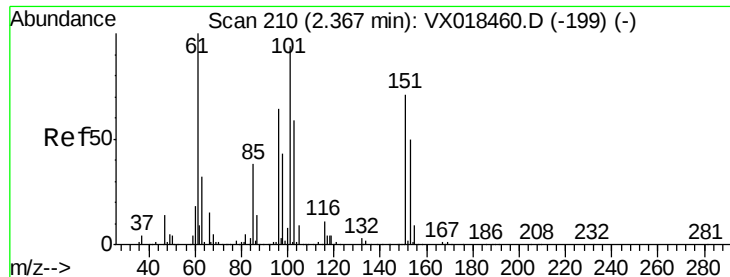
Diethyl Ether
Concen: 1.244 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 74 Resp: 4730
Ion Ratio Lower Upper
74 100
45 113.0 50.7 152.1



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.154 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

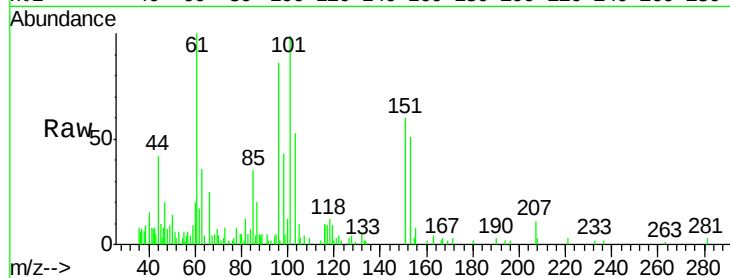
Tgt Ion:101 Resp: 7008

Ion Ratio Lower Upper

101 100

85 48.1 34.7 52.1

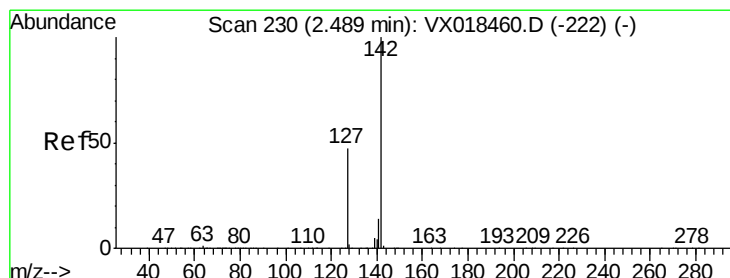
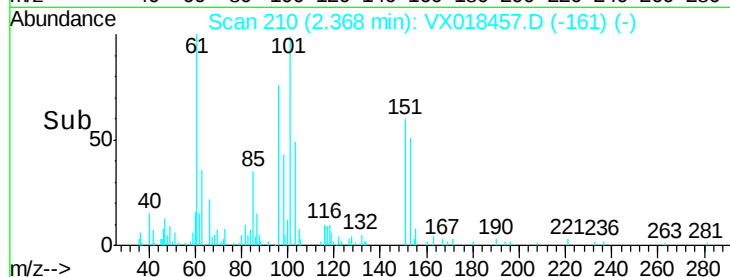
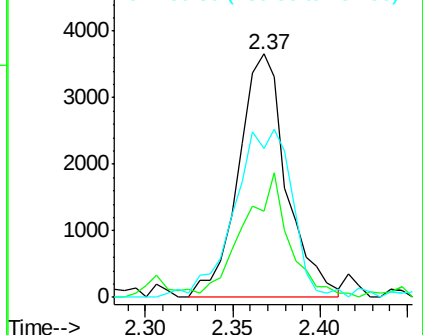
151 82.8 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.632 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

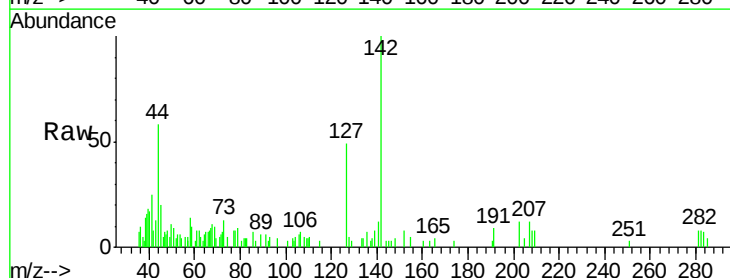
Tgt Ion:142 Resp: 3748

Ion Ratio Lower Upper

142 100

127 47.4 36.0 54.0

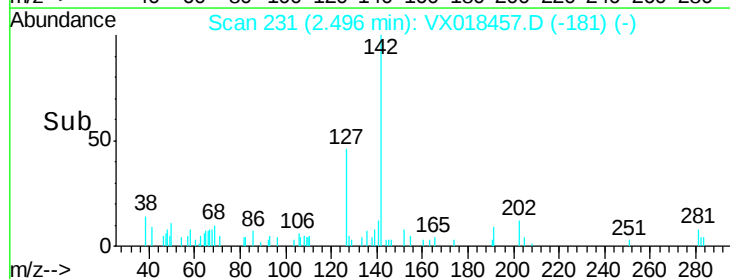
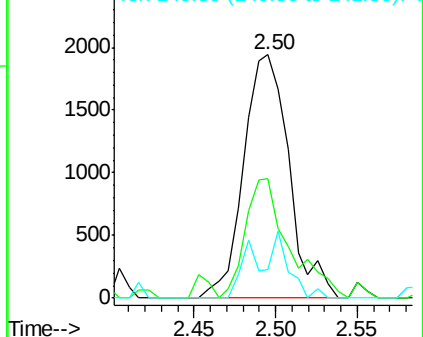
141 9.6 11.9 17.9#

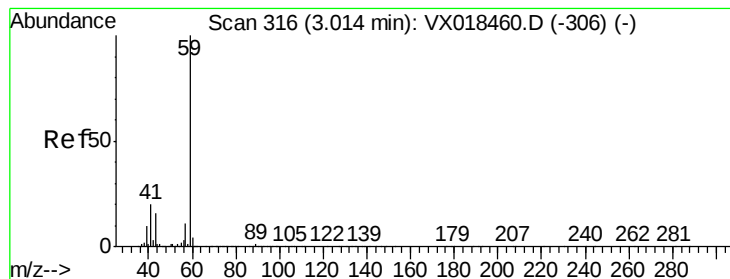


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



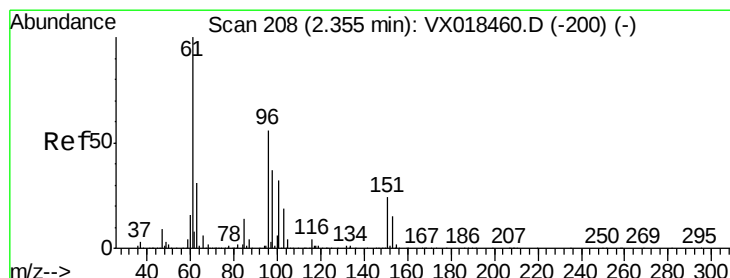
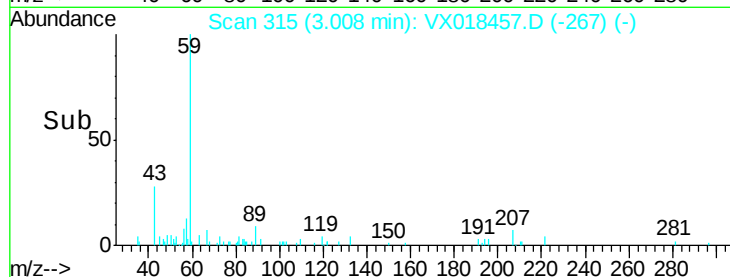
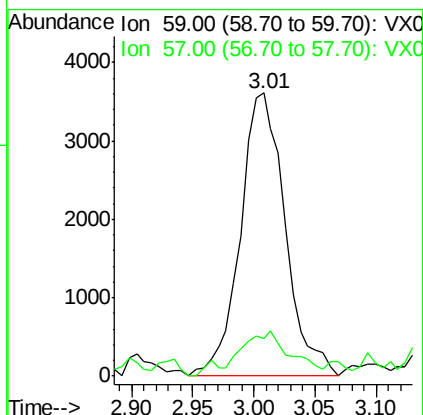
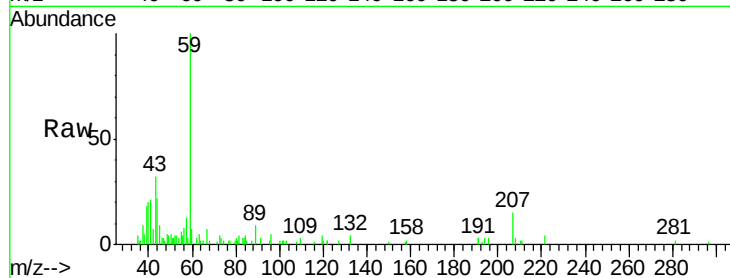


#11

Tert butyl alcohol
Concen: 5.394 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

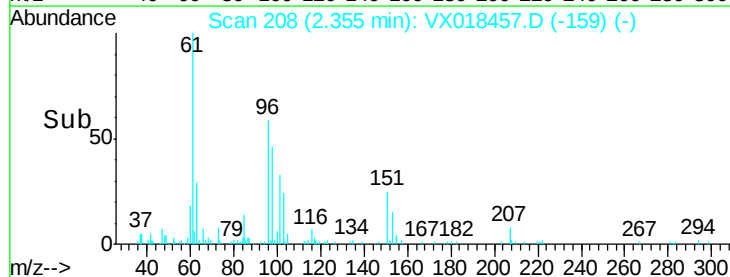
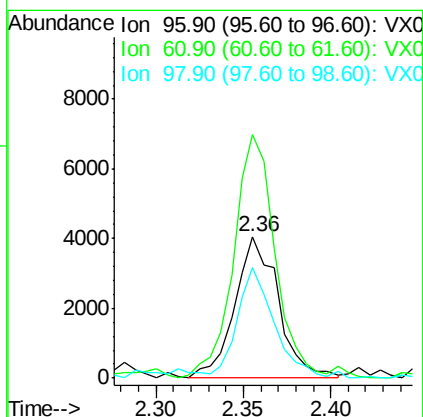
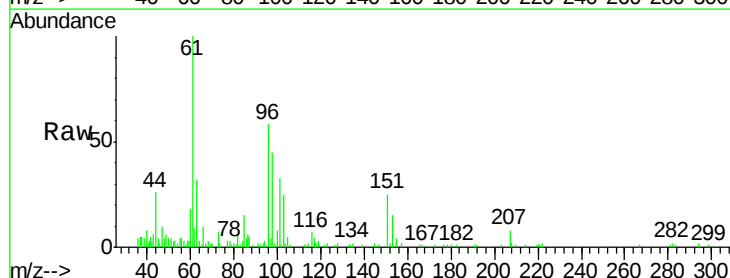
Tgt Ion: 59 Resp: 9203
Ion Ratio Lower Upper
59 100
57 12.8 8.2 12.4#

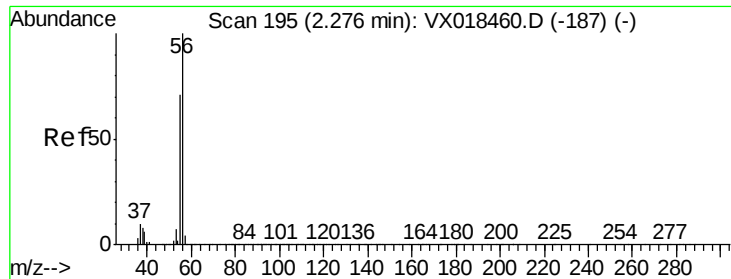


#12

1,1-Dichloroethene
Concen: 1.126 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 96 Resp: 7066
Ion Ratio Lower Upper
96 100
61 169.5 142.2 213.4
98 74.1 52.4 78.6





#13

Acrolein

Concen: 5.705 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

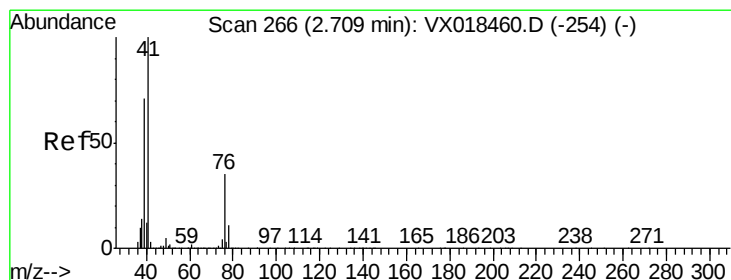
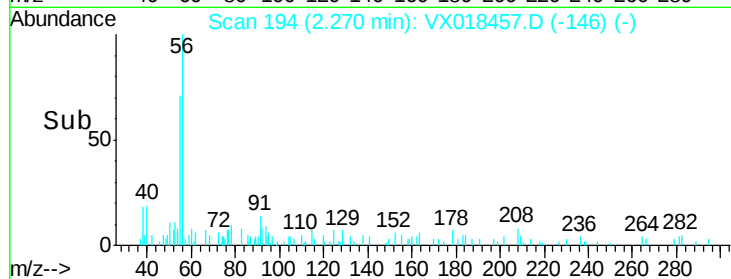
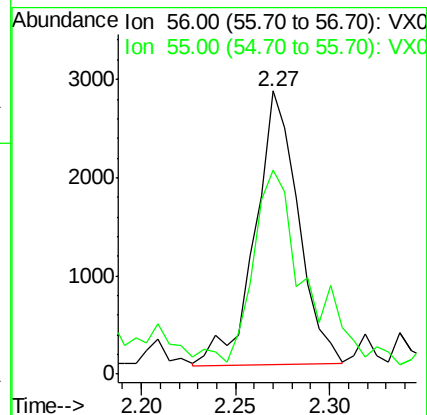
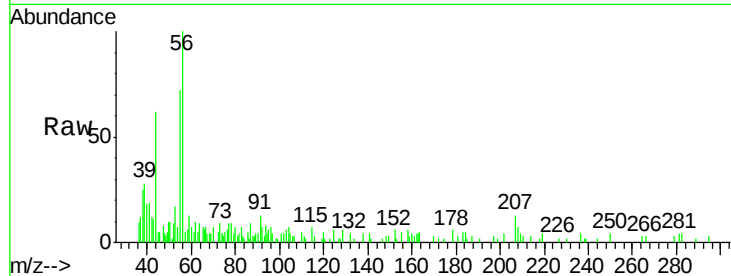
VSTDIC001

Tgt Ion: 56 Resp: 4408

Ion Ratio Lower Upper

56 100

55 86.8 58.2 87.4



#14

Allyl chloride

Concen: 1.188 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

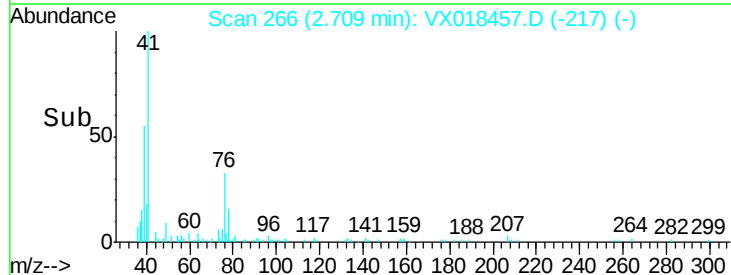
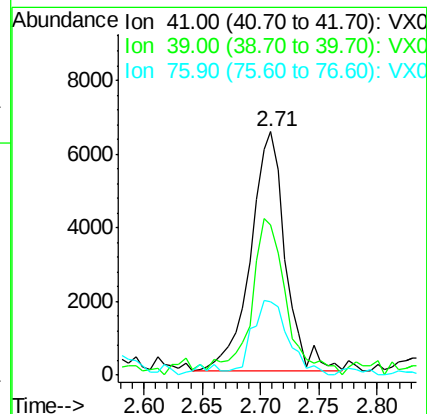
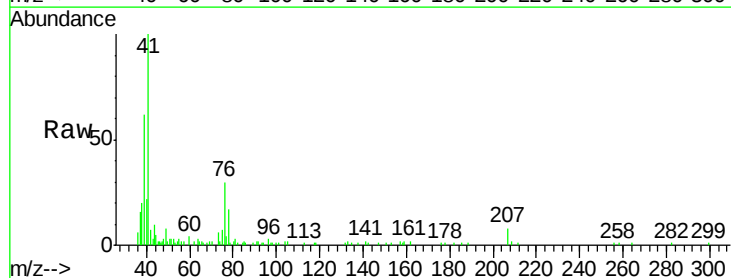
Tgt Ion: 41 Resp: 13469

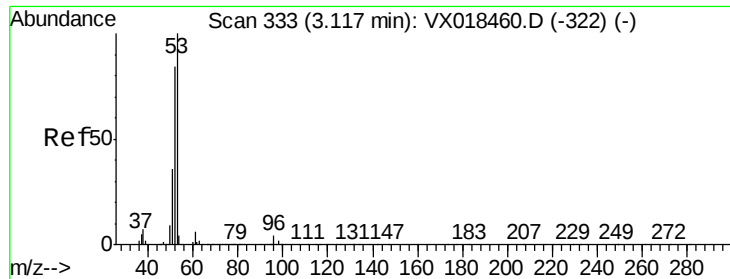
Ion Ratio Lower Upper

41 100

39 66.6 51.1 76.7

76 32.6 26.0 39.0





#15

Acrylonitrile

Concen: 4.630 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

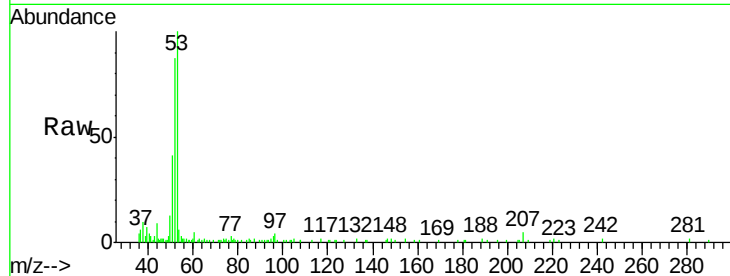
Tgt Ion: 53 Resp: 18178

Ion Ratio Lower Upper

53 100

52 98.7 65.8 98.8

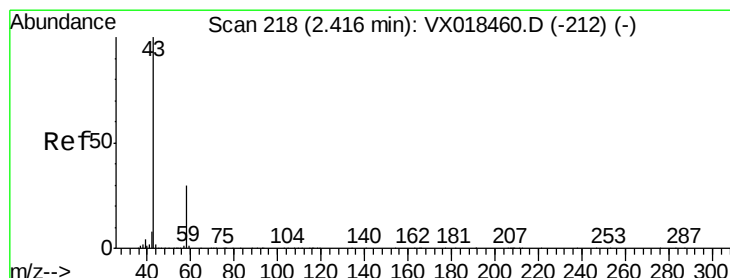
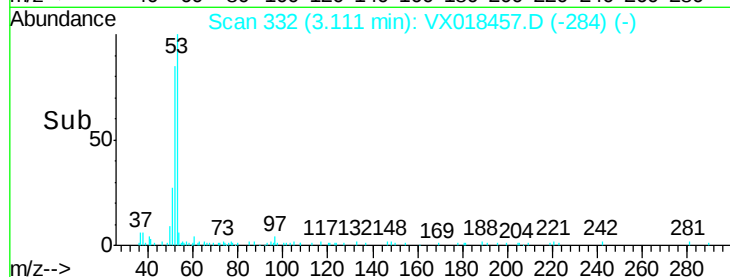
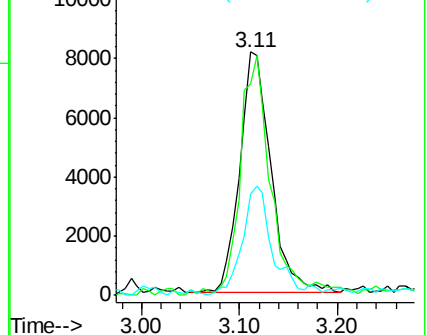
51 42.6 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 6.037 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018457.D

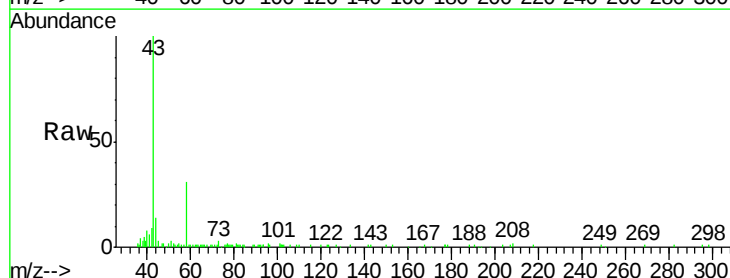
Acq: 17 Sep 2020 09:48

Tgt Ion: 43 Resp: 21051

Ion Ratio Lower Upper

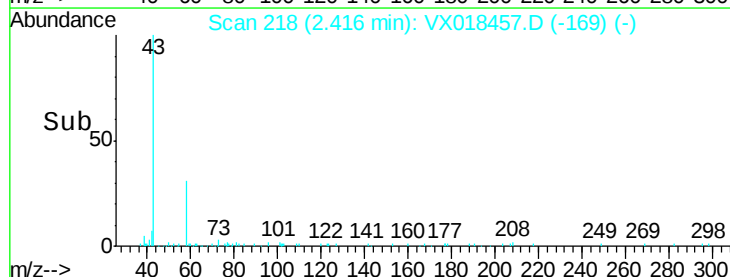
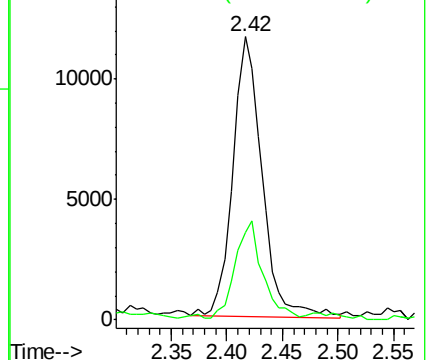
43 100

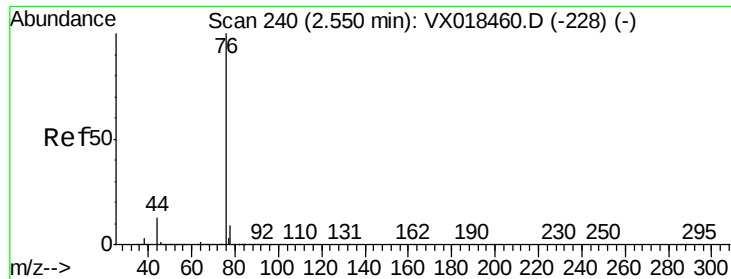
58 30.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

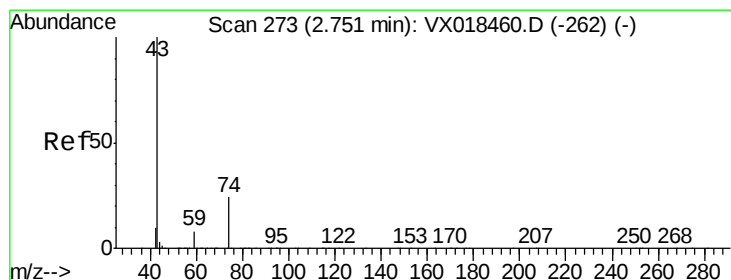
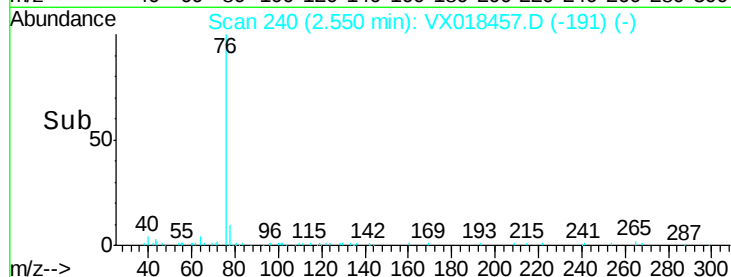
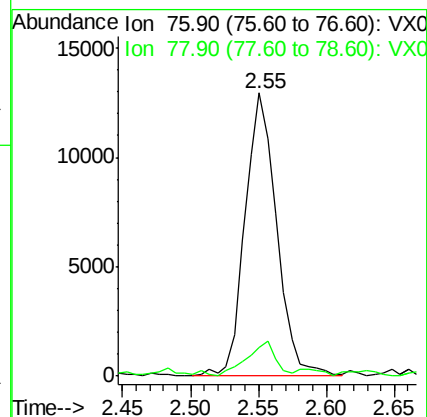
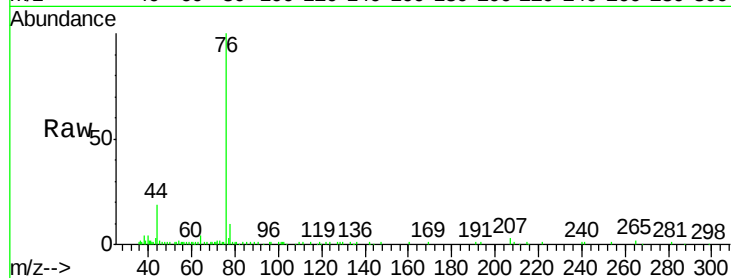




#17
Carbon Disulfide
Concen: 1.111 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

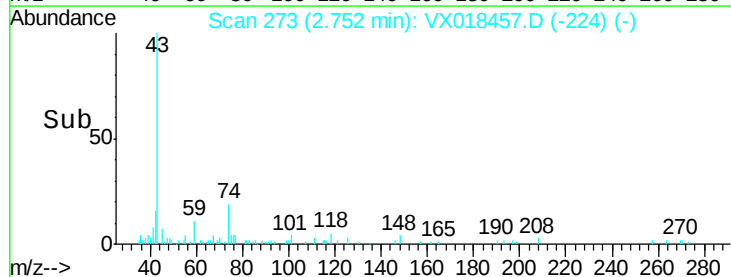
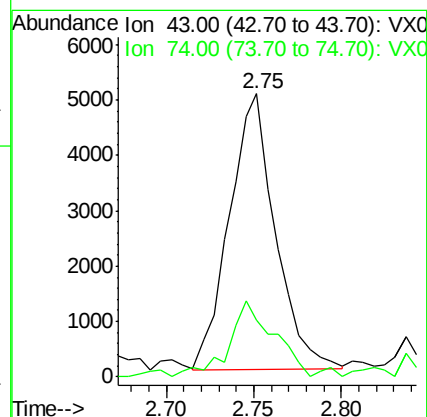
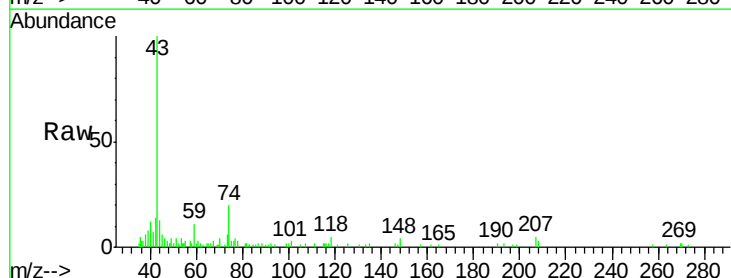
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

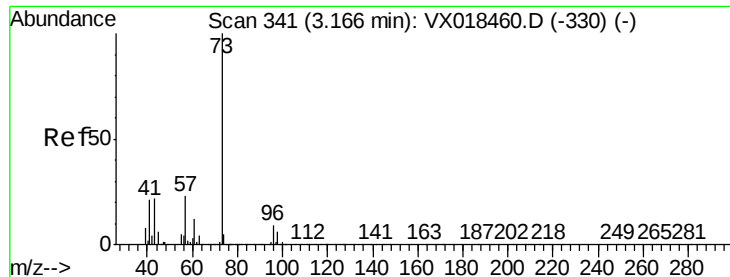
Tgt Ion: 76 Resp: 21145
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 1.089 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 43 Resp: 9176
Ion Ratio Lower Upper
43 100
74 27.2 18.3 27.5



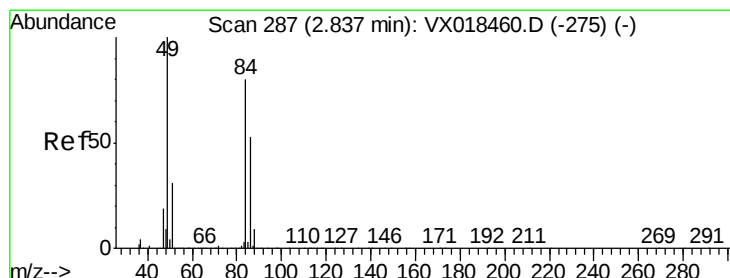
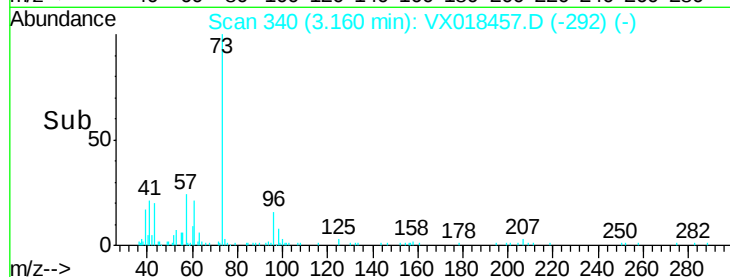
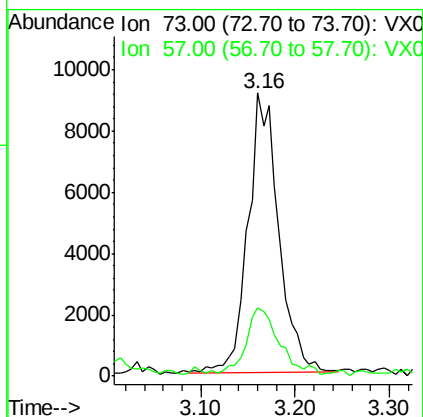
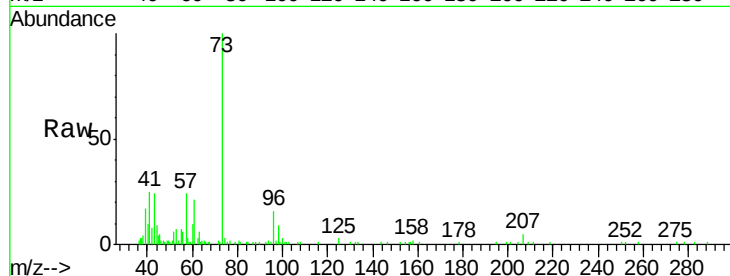


#19

Methyl tert-butyl Ether
 Concen: 0.971 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

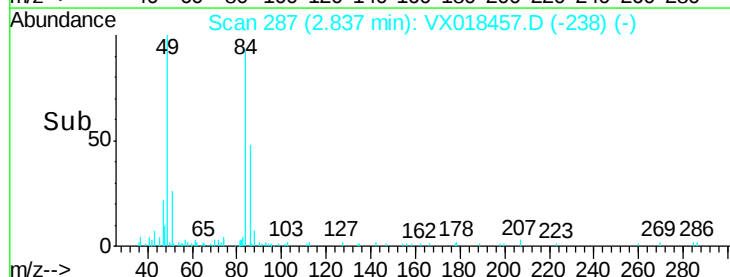
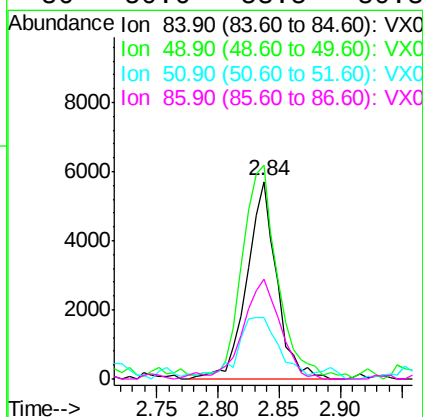
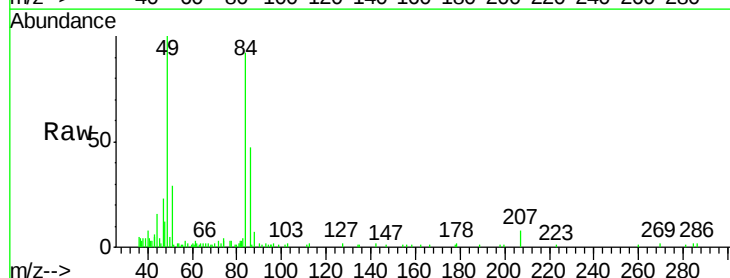
Tgt Ion: 73 Resp: 20963
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.0 27.0

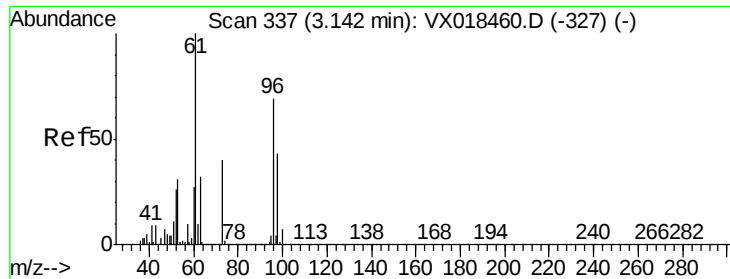


#20

Methylene Chloride
 Concen: 1.240 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

Tgt Ion: 84 Resp: 9730
 Ion Ratio Lower Upper
 84 100
 49 105.9 100.6 151.0
 51 28.8 30.9 46.3#
 86 50.6 53.5 80.3#





#21

trans-1,2-Dichloroethene

Concen: 1.174 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

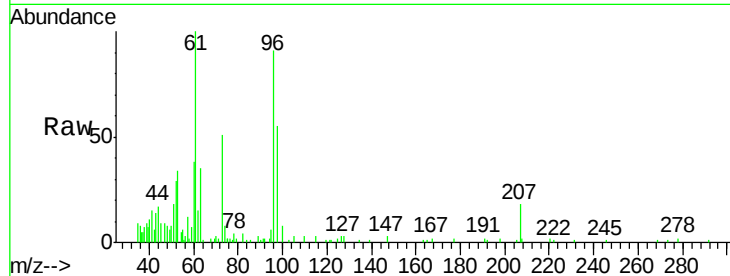
Tgt Ion: 96 Resp: 8205

Ion Ratio Lower Upper

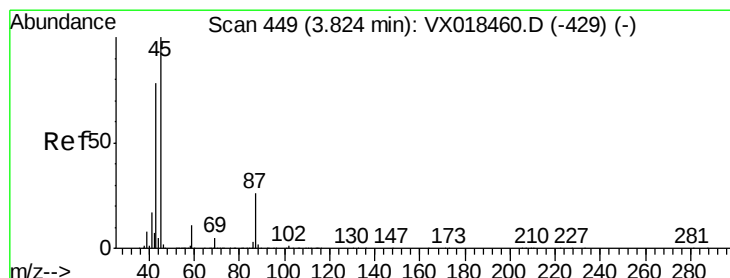
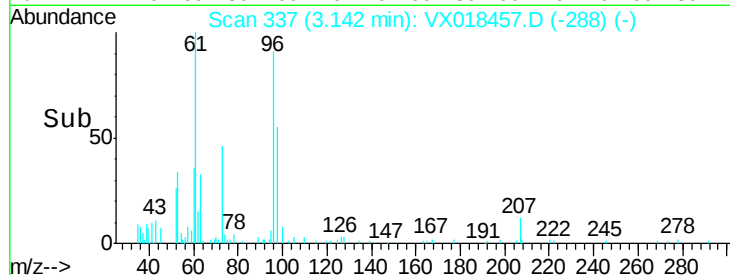
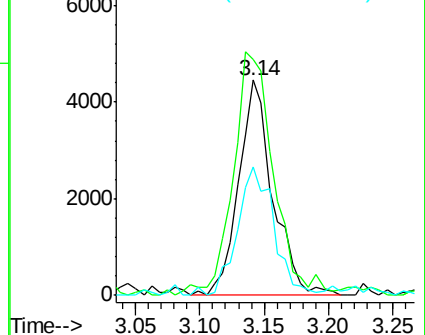
96 100

61 107.3 115.6 173.4#

98 57.9 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.018 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Tgt Ion: 45 Resp: 22700

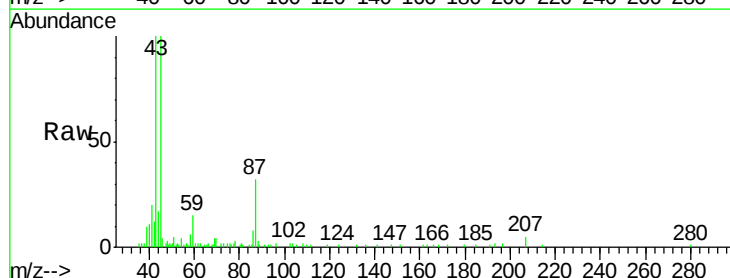
Ion Ratio Lower Upper

45 100

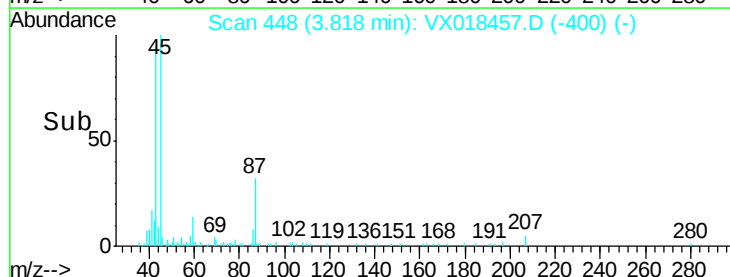
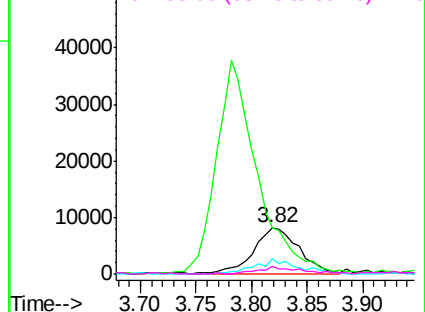
43 93.9 62.4 93.6#

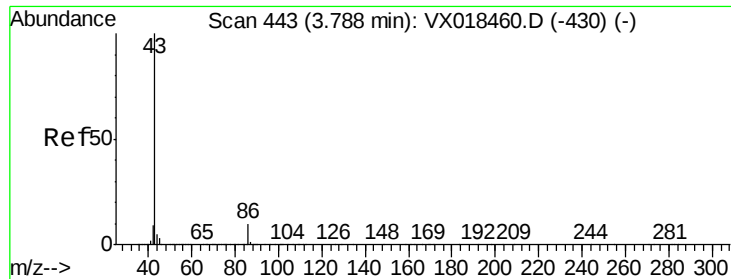
87 31.7 21.2 31.8

59 14.2 8.9 13.3#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.864 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

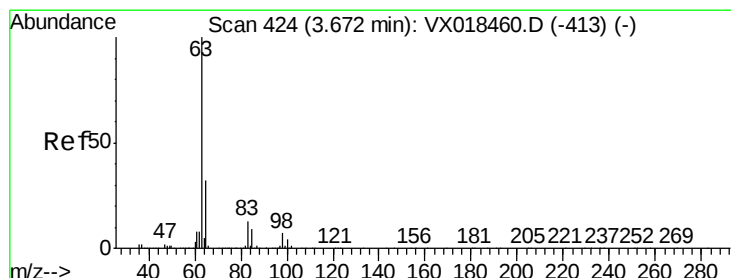
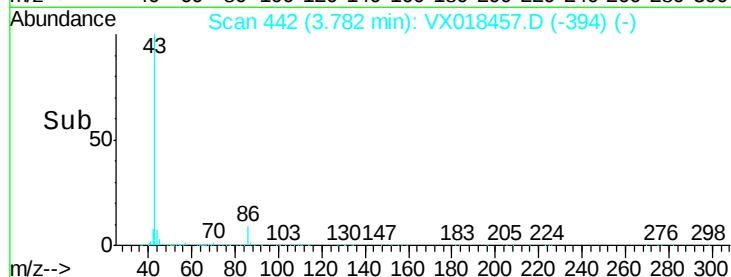
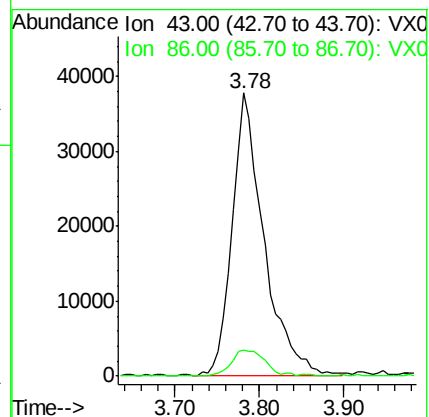
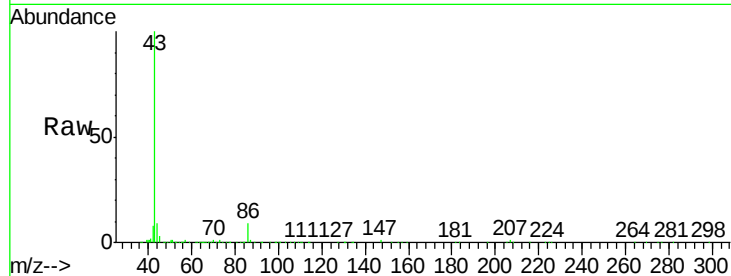
VSTDIC001

Tgt Ion: 43 Resp: 96459

Ion Ratio Lower Upper

43 100

86 9.4 8.1 12.1



#24

1,1-Dichloroethane

Concen: 1.162 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

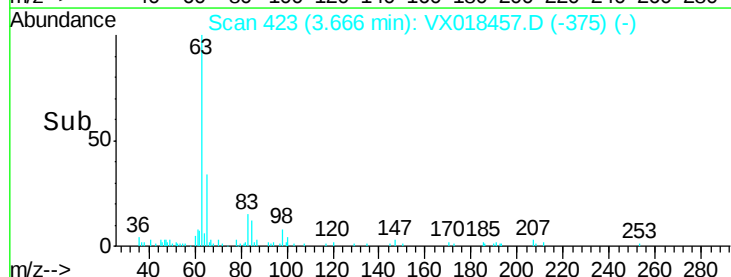
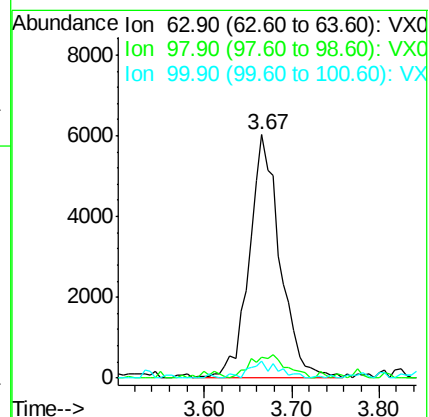
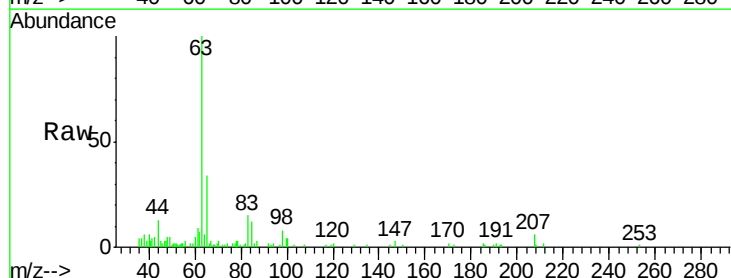
Tgt Ion: 63 Resp: 14711

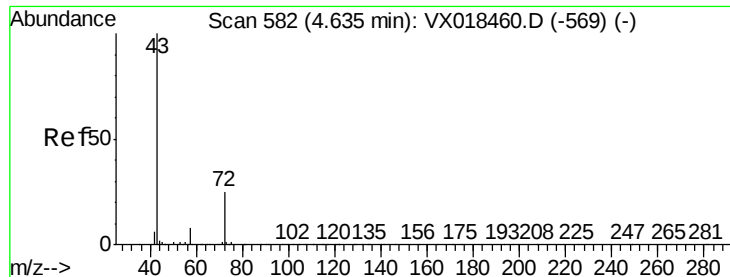
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

100 7.2 1.9 5.7#





#25

2-Butanone

Concen: 4.654 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

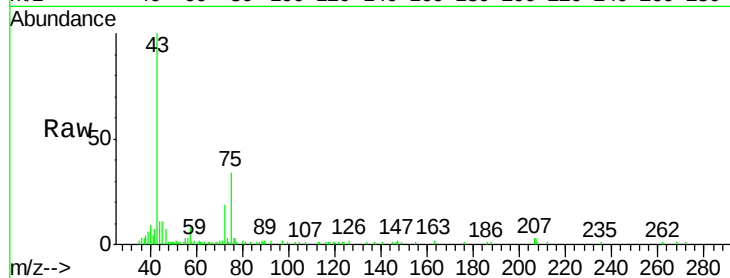
VSTDIC001

Tgt Ion: 43 Resp: 26426

Ion Ratio Lower Upper

43 100

72 18.9 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

10000

8000

6000

4000

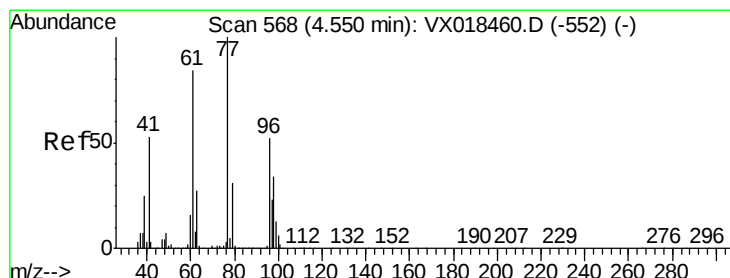
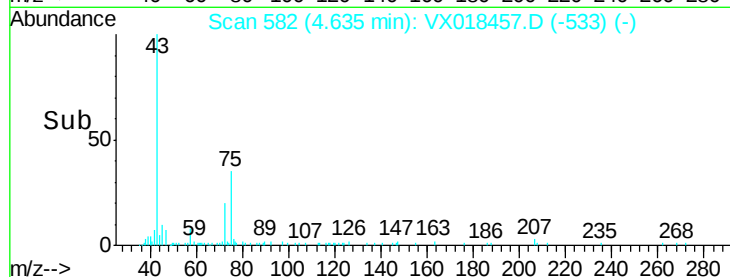
2000

0

4.64

4.50 4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 1.381 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018457.D

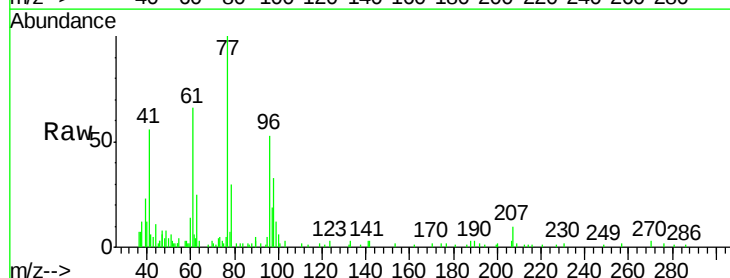
Acq: 17 Sep 2020 09:48

Tgt Ion: 77 Resp: 14567

Ion Ratio Lower Upper

77 100

97 20.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

5000

4000

3000

2000

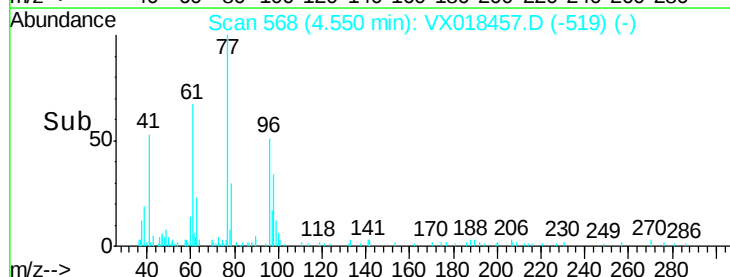
1000

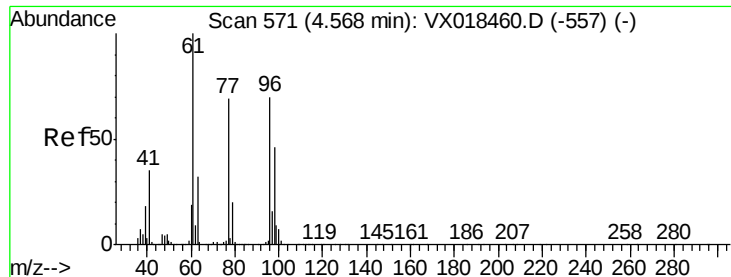
0

4.55

4.40 4.50 4.60

Time-->



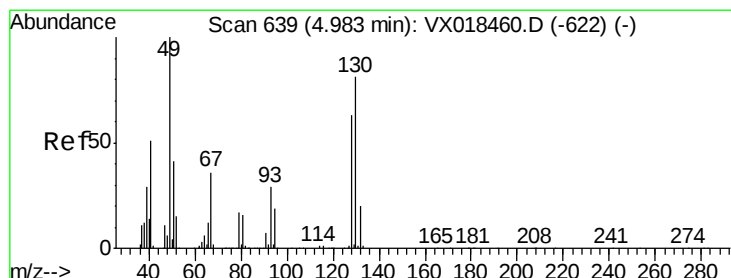
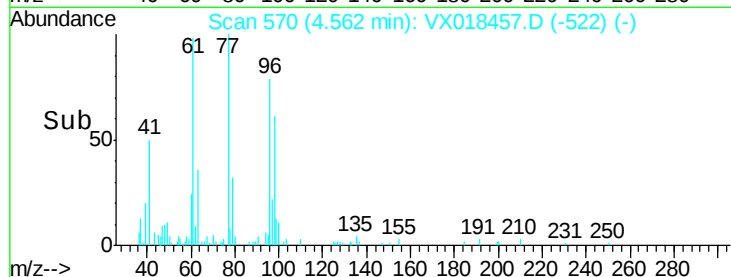
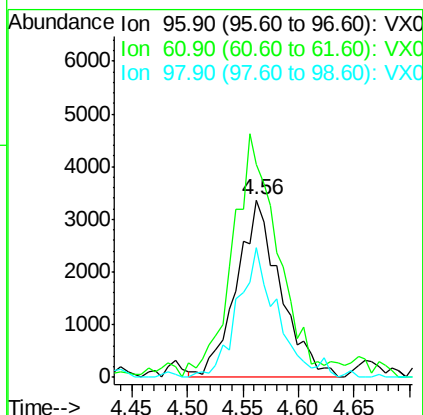
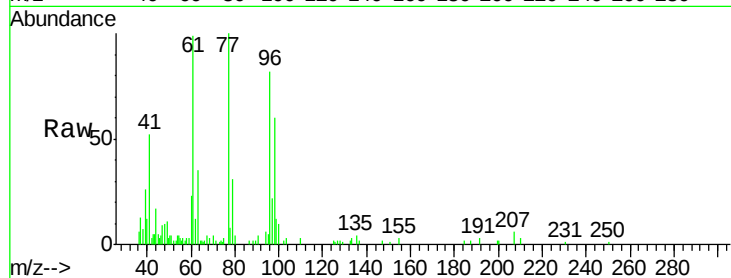


#27

cis-1,2-Dichloroethene
Concen: 1.144 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

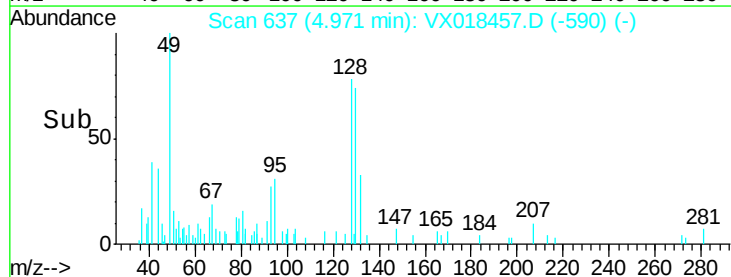
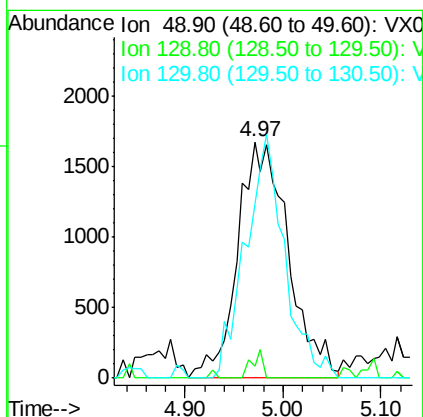
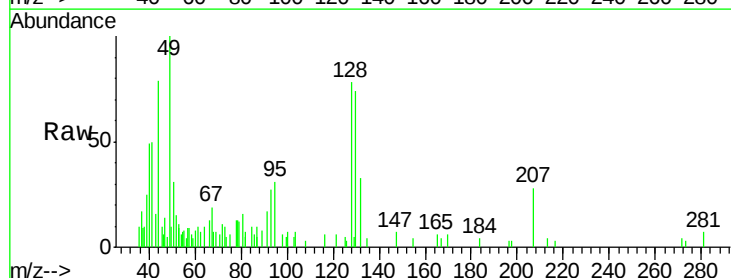
Tgt Ion: 96 Resp: 9204
Ion Ratio Lower Upper
96 100
61 141.5 0.0 300.0
98 63.5 0.0 130.4

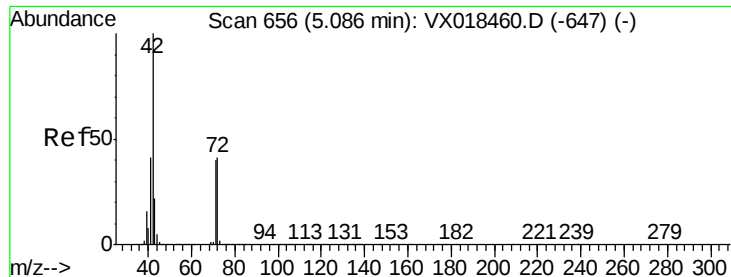


#28

Bromochloromethane
Concen: 0.981 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 49 Resp: 6022
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 79.4 65.0 97.4





#29

Tetrahydrofuran

Concen: 4.431 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

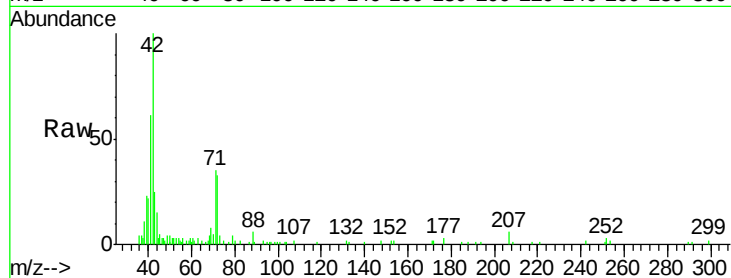
Tgt Ion: 42 Resp: 15972

Ion Ratio Lower Upper

42 100

72 48.9 34.3 51.5

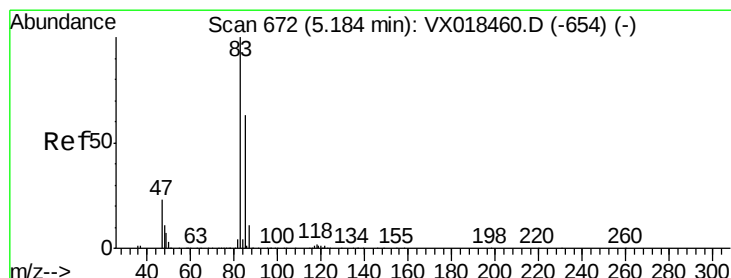
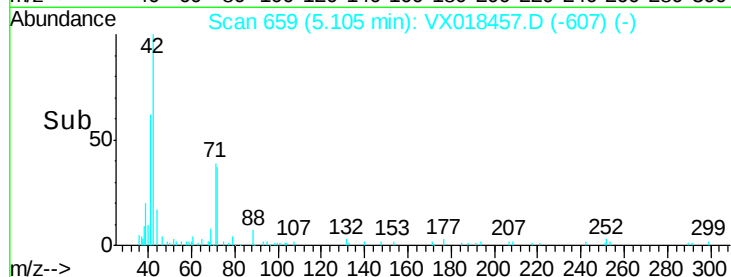
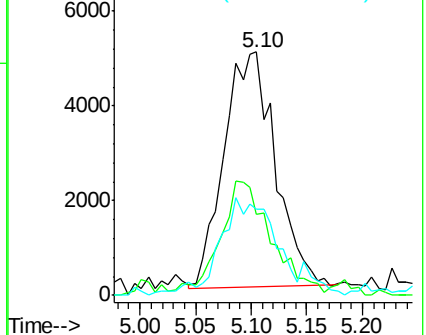
71 43.5 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.068 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018457.D

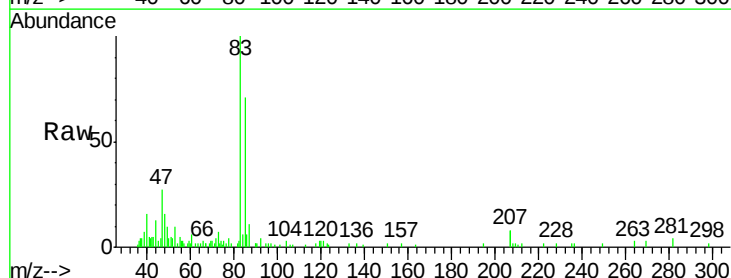
Acq: 17 Sep 2020 09:48

Tgt Ion: 83 Resp: 14012

Ion Ratio Lower Upper

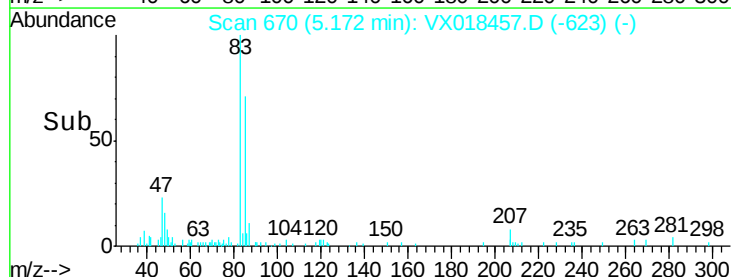
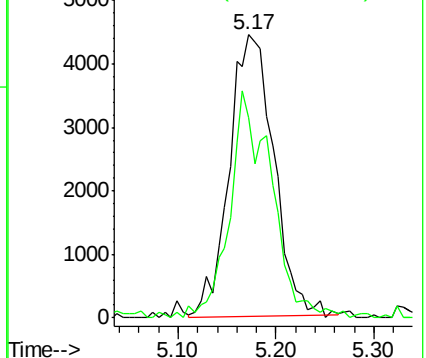
83 100

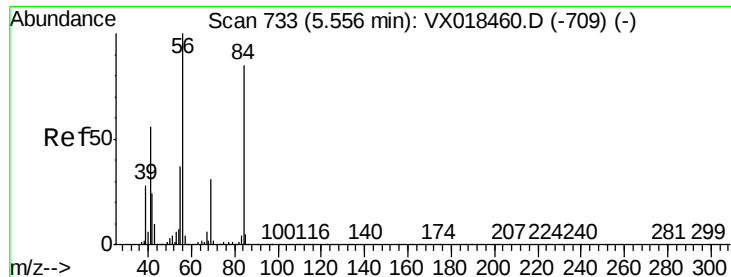
85 70.3 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

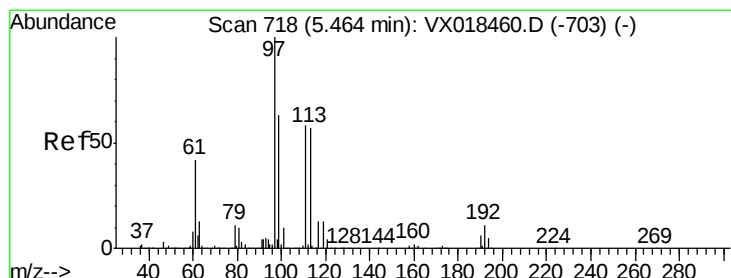
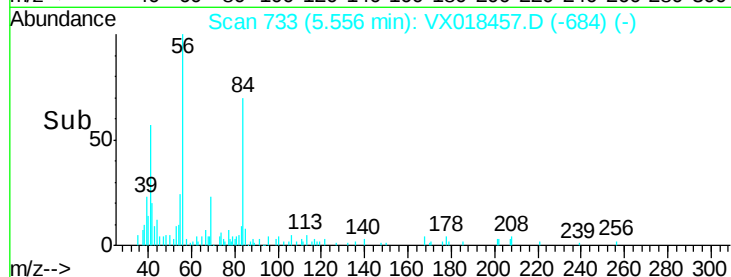
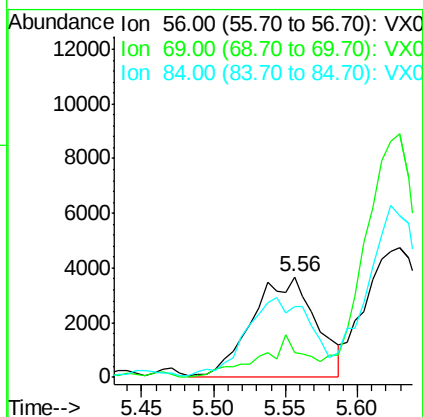
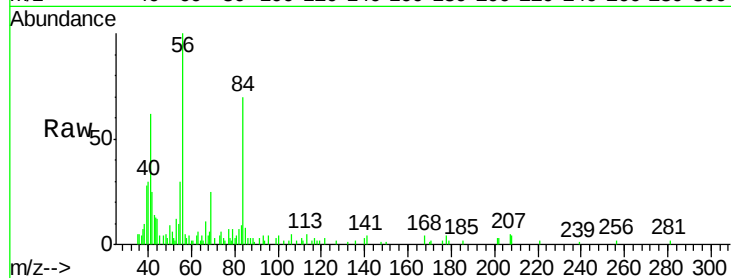




#31
Cyclohexane
Concen: 1.063 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

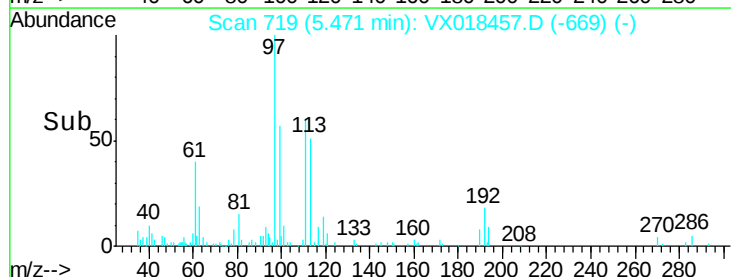
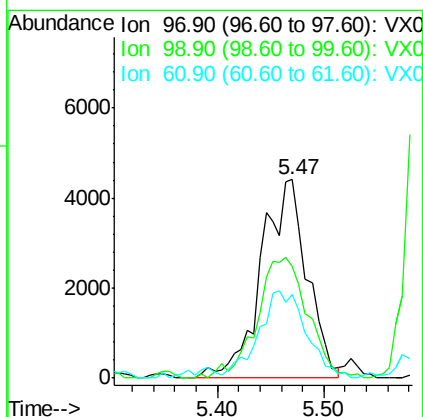
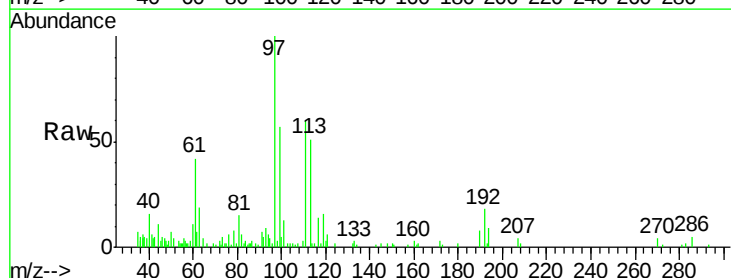
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

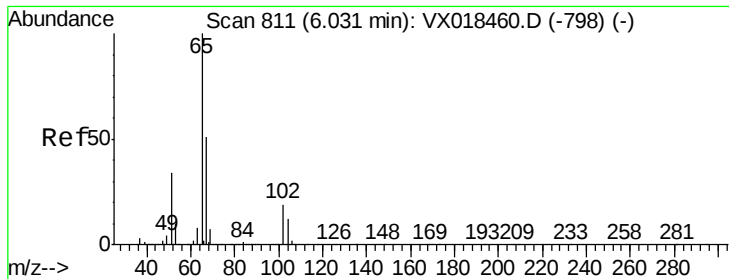
Tgt Ion: 56 Resp: 11391
Ion Ratio Lower Upper
56 100
69 25.5 24.8 37.2
84 68.9 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 1.090 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 97 Resp: 13197
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 45.8 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 1.454 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

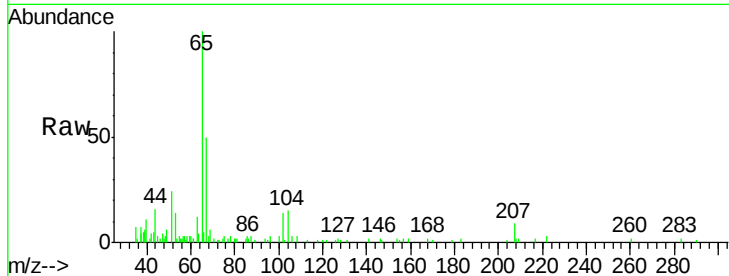
VSTDIC001

Tgt Ion: 65 Resp: 12928

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

5000

4000

3000

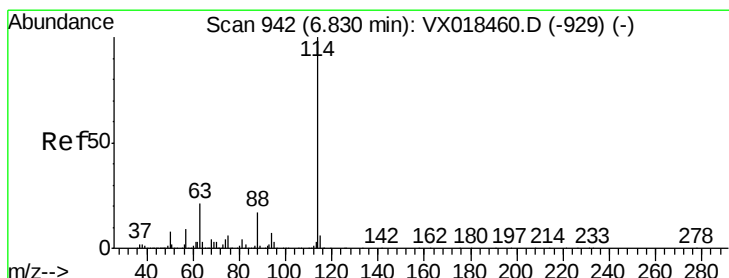
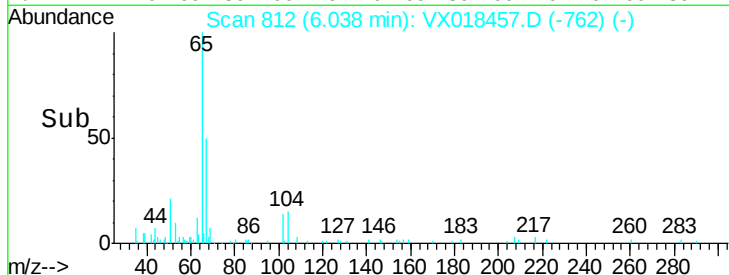
2000

1000

0

Time-->

5.95 6.00 6.05 6.10 6.15



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

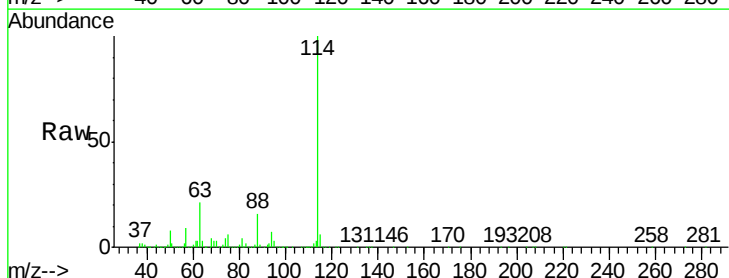
Tgt Ion: 114 Resp: 1012869

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.3 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

500000

400000

300000

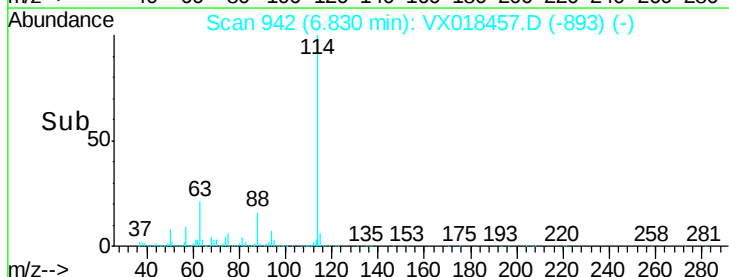
200000

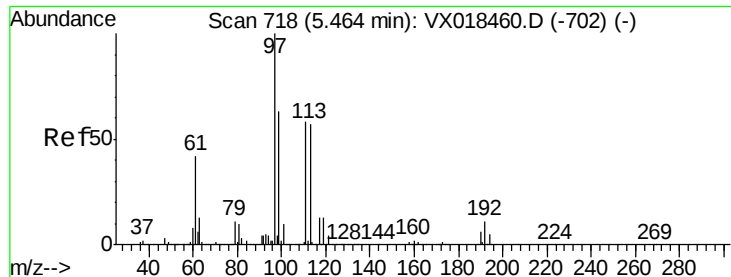
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 1.270 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

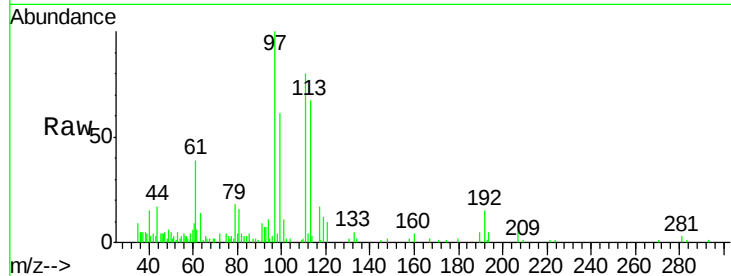
Tgt Ion:113 Resp: 8702

Ion Ratio Lower Upper

113 100

111 108.1 81.4 122.2

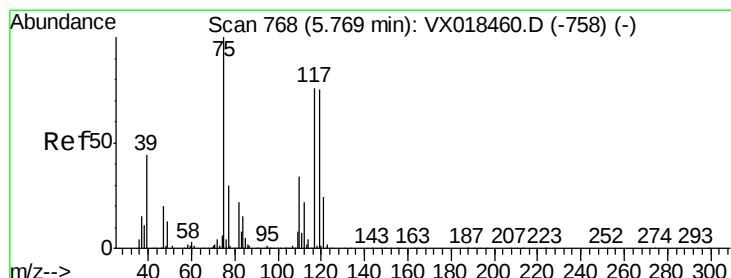
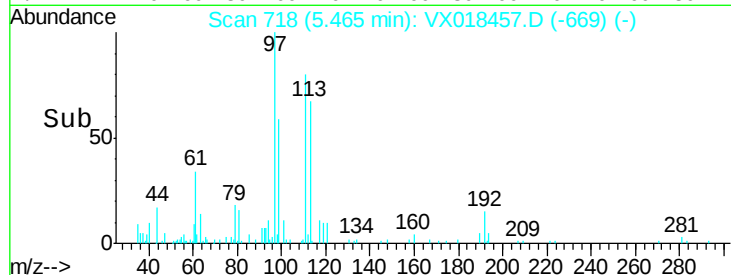
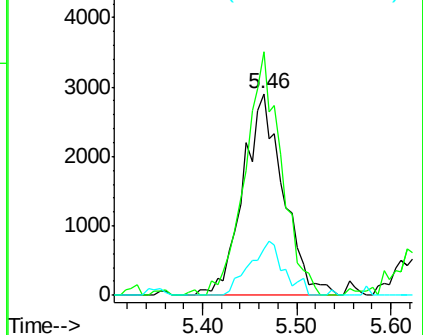
192 22.8 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.161 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

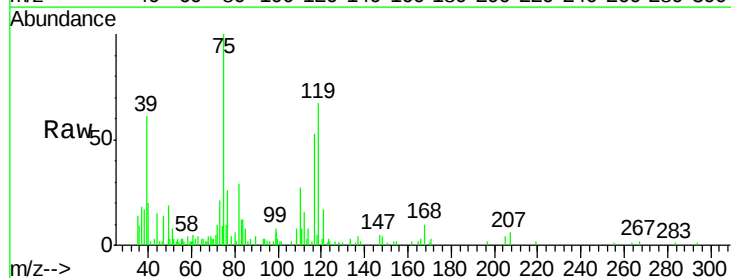
Tgt Ion: 75 Resp: 10900

Ion Ratio Lower Upper

75 100

110 41.0 17.6 52.8

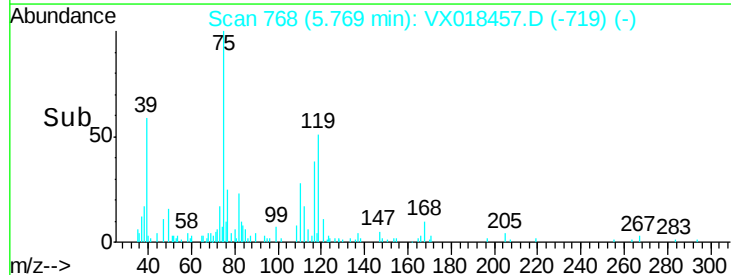
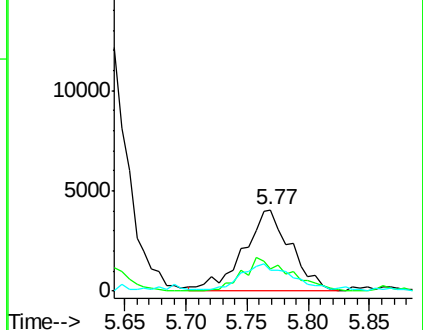
77 31.8 25.0 37.6

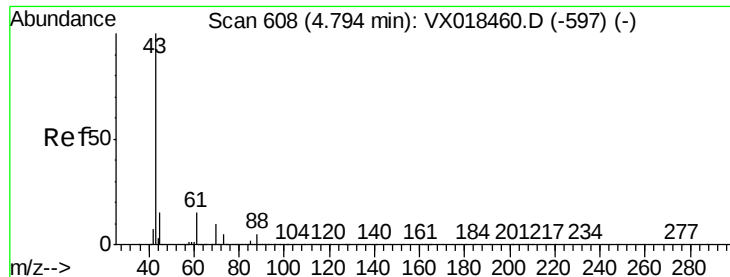


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

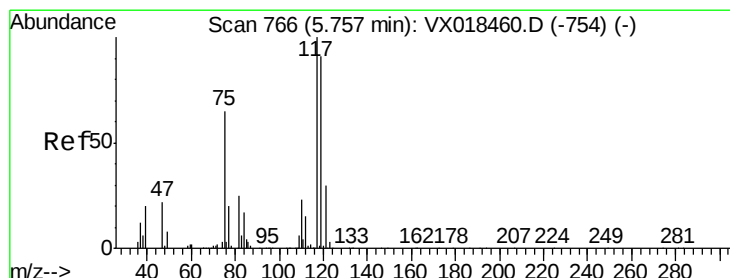
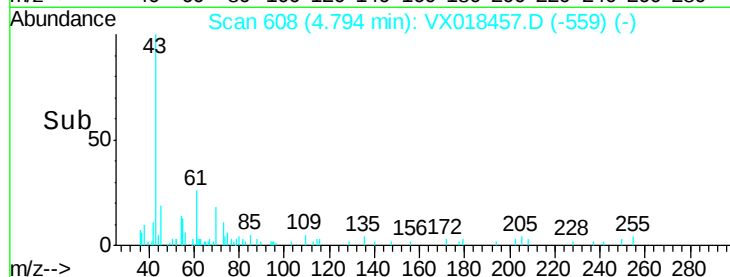
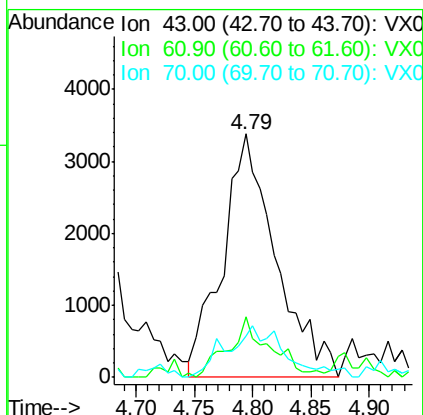
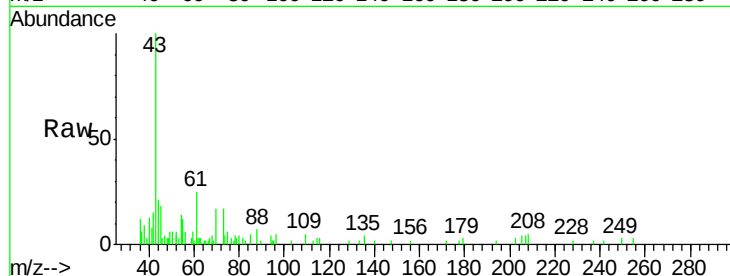




#37
 Ethyl Acetate
 Concen: 0.998 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

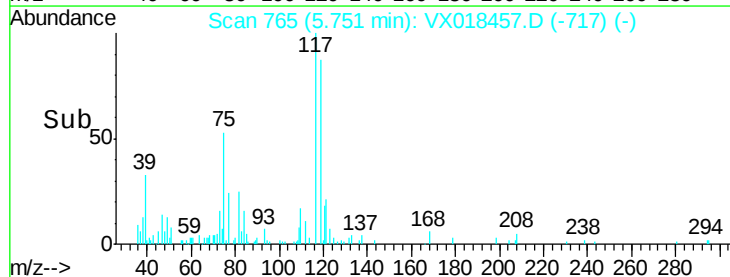
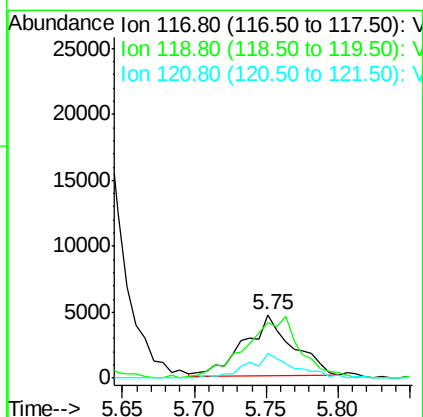
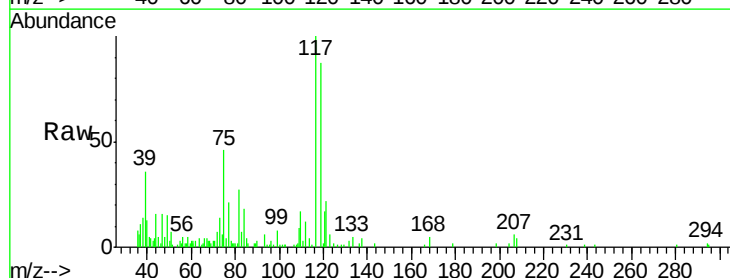
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

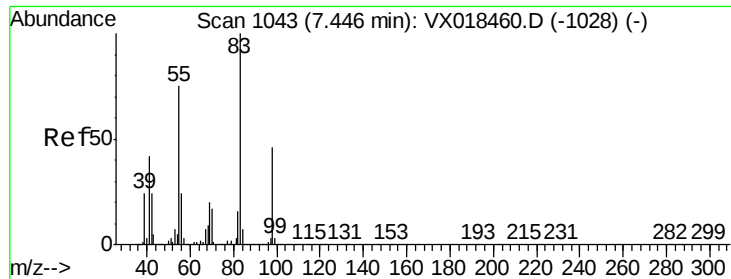
Tgt Ion: 43 Resp: 10808
 Ion Ratio Lower Upper
 43 100
 61 19.0 10.9 16.3#
 70 17.6 8.3 12.5#



#38
 Carbon Tetrachloride
 Concen: 1.007 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

Tgt Ion: 117 Resp: 10678
 Ion Ratio Lower Upper
 117 100
 119 89.1 72.3 108.5
 121 40.8 23.8 35.8#

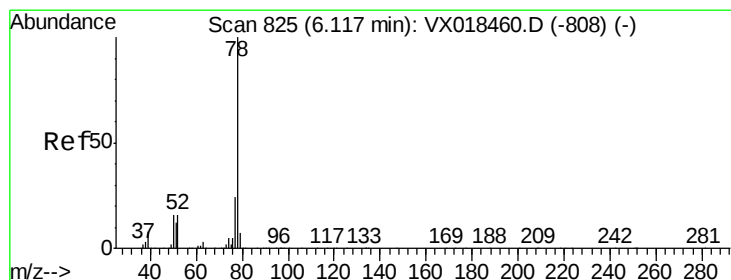
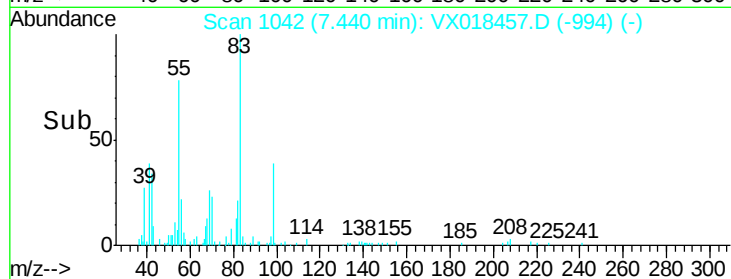
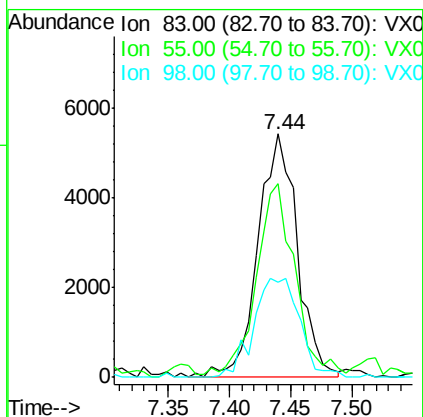
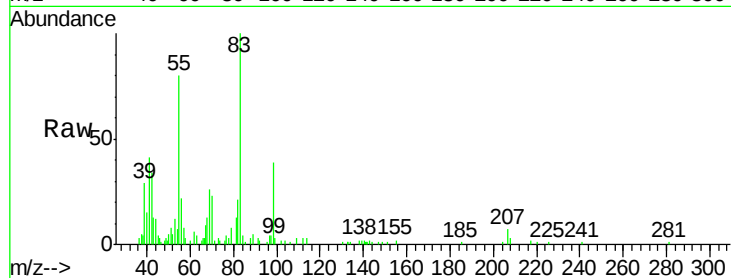




#39
Methylcyclohexane
Concen: 1.177 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

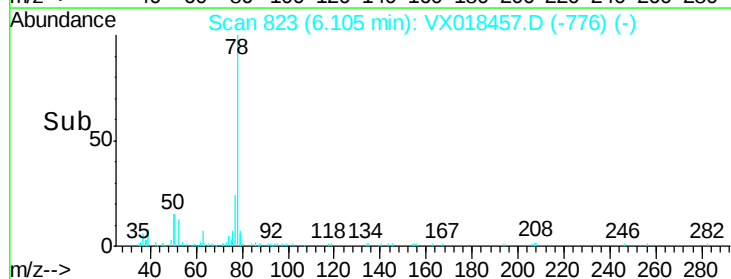
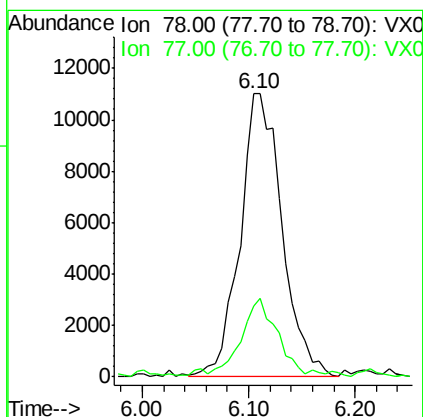
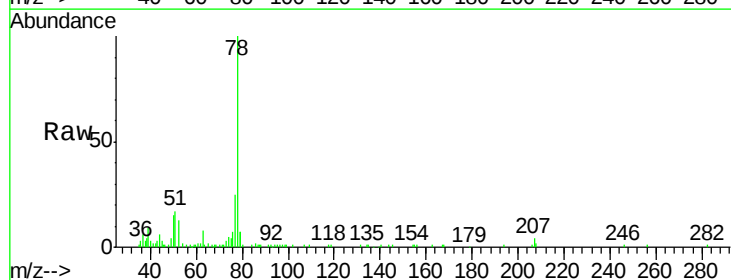
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

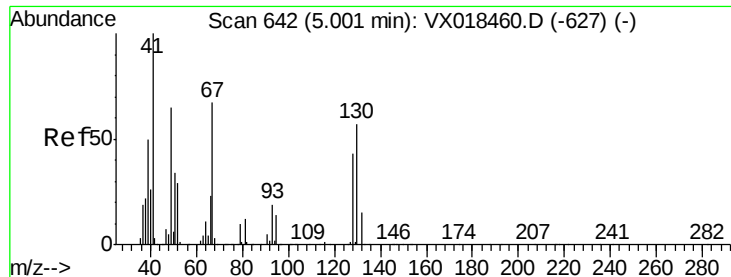
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.2	90.4
98	38.9	36.4	54.6



#40
Benzene
Concen: 1.106 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





#41

Methacrylonitrile

Concen: 1.089 ug/l

RT: 5.01 min Scan# 644

Delta R.T. 0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 6467

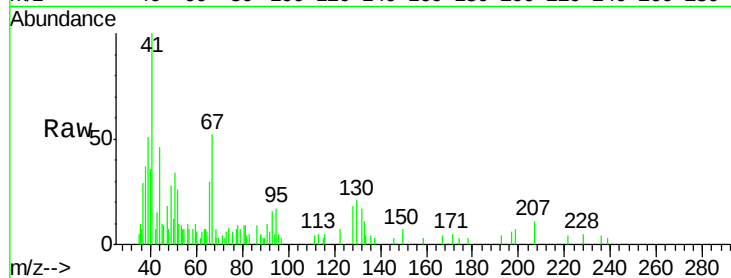
Ion Ratio Lower Upper

41 100

39 42.6 45.3 67.9#

67 57.9 56.7 85.1

52 35.4 23.4 35.0#

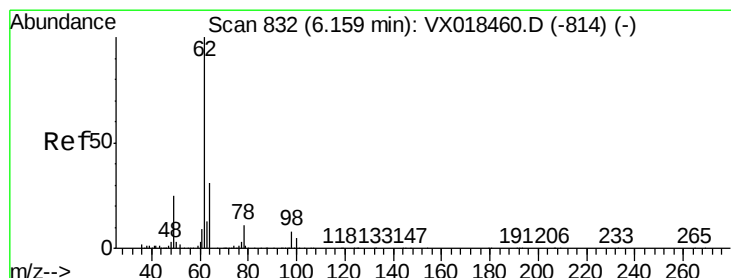
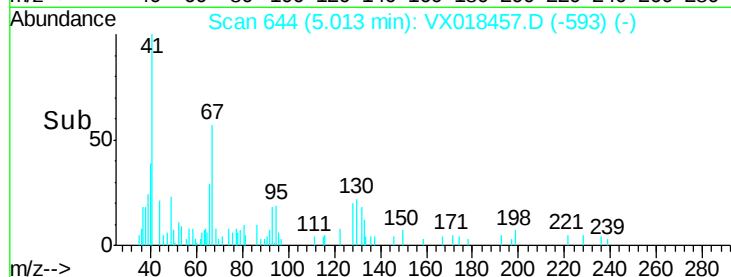
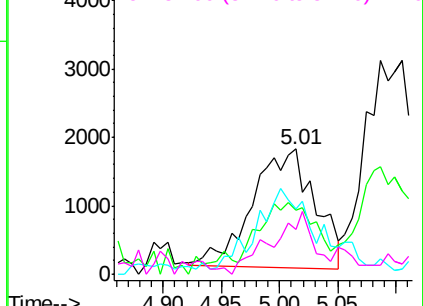


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.107 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018457.D

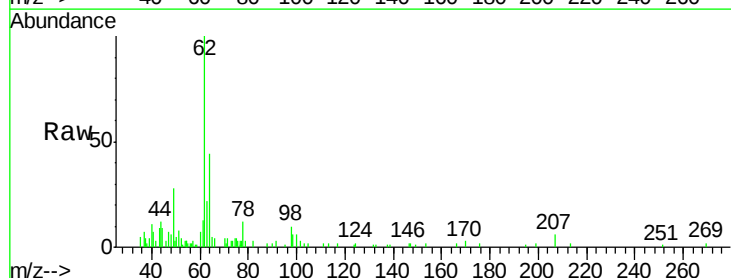
Acq: 17 Sep 2020 09:48

Tgt Ion: 62 Resp: 11714

Ion Ratio Lower Upper

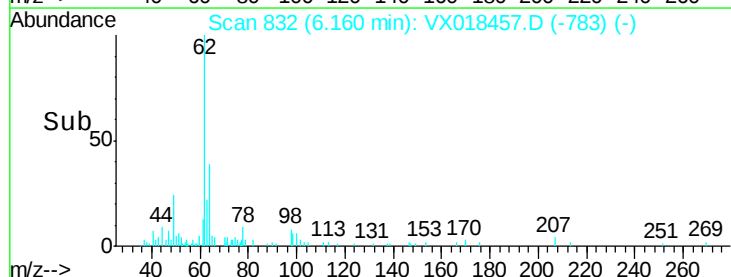
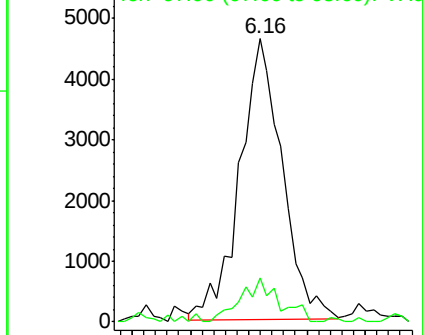
62 100

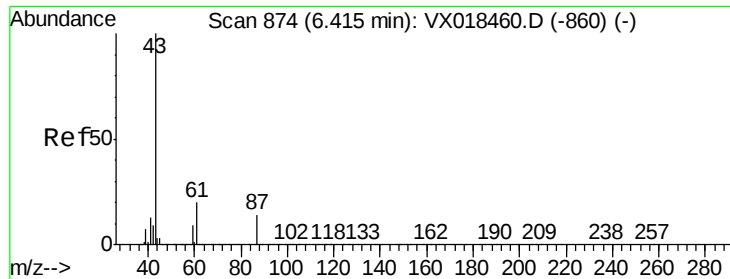
98 14.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.017 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

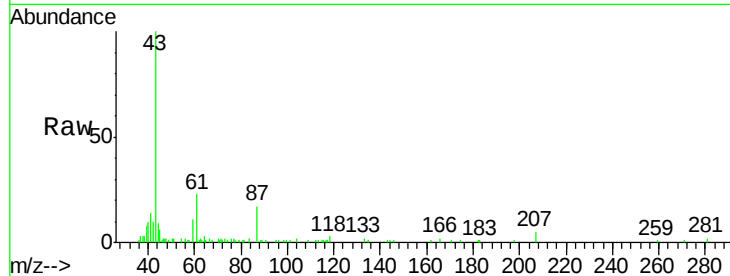
Tgt Ion: 43 Resp: 17789

Ion Ratio Lower Upper

43 100

61 21.9 15.7 23.5

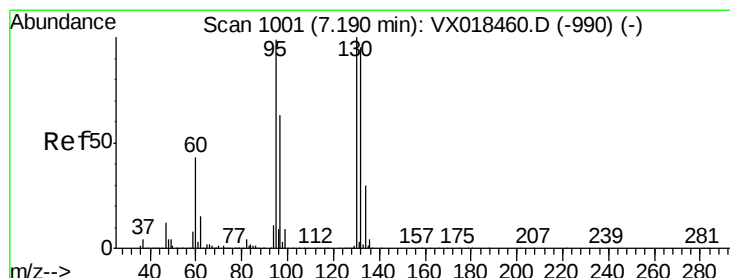
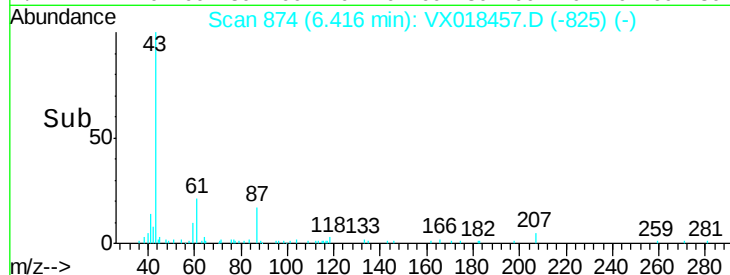
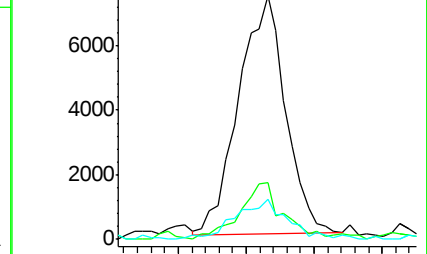
87 18.6 10.4 15.6#



Abundance Ion 43.00 (42.70 to 43.70): VX018460.D (-860) (-)

Ion 61.00 (60.70 to 61.70): VX018460.D (-860) (-)

Ion 87.00 (86.70 to 87.70): VX018460.D (-860) (-)



#44

Trichloroethene

Concen: 1.175 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018457.D

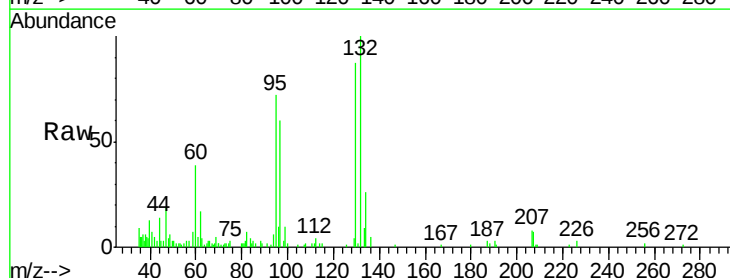
Acq: 17 Sep 2020 09:48

Tgt Ion: 130 Resp: 9167

Ion Ratio Lower Upper

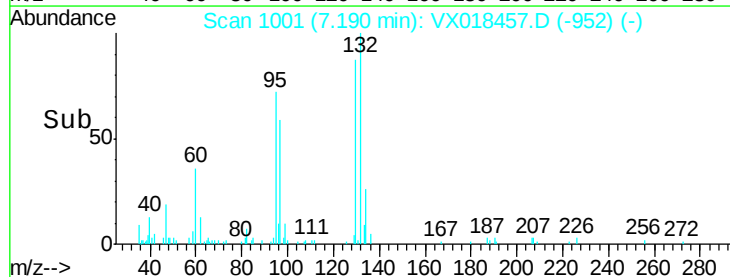
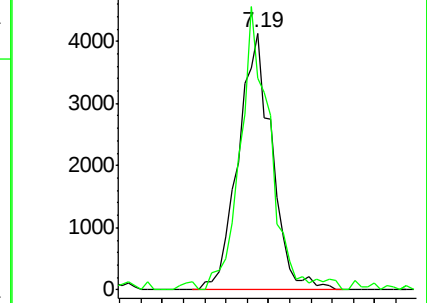
130 100

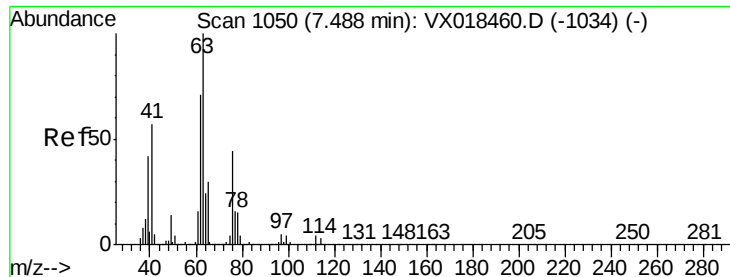
95 82.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): VX018460.D (-990) (-)

Ion 94.90 (94.60 to 95.60): VX018460.D (-990) (-)





#45

1,2-Dichloropropane

Concen: 1.217 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

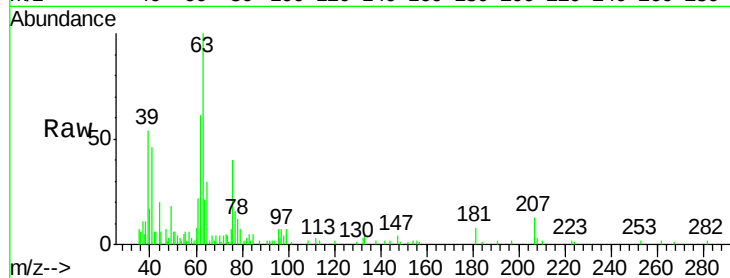
VSTDIC001

Tgt Ion: 63 Resp: 9001

Ion Ratio Lower Upper

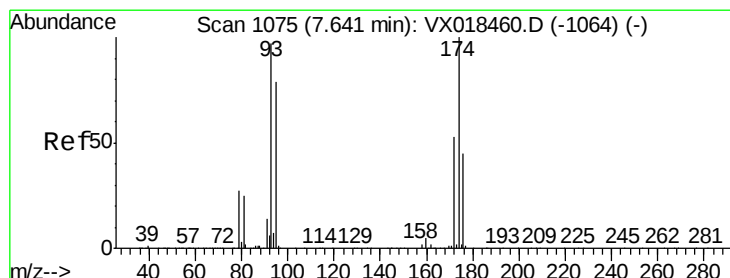
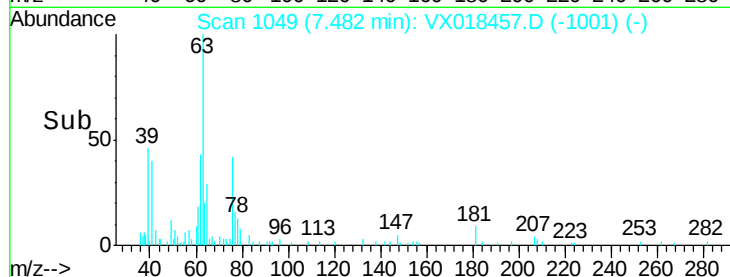
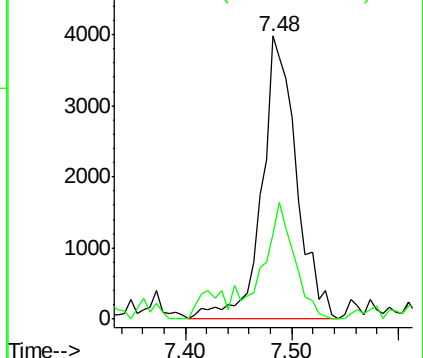
63 100

65 29.9 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.191 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

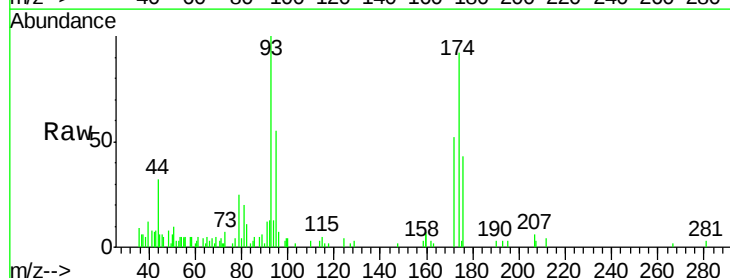
Tgt Ion: 93 Resp: 6225

Ion Ratio Lower Upper

93 100

95 78.3 65.0 97.4

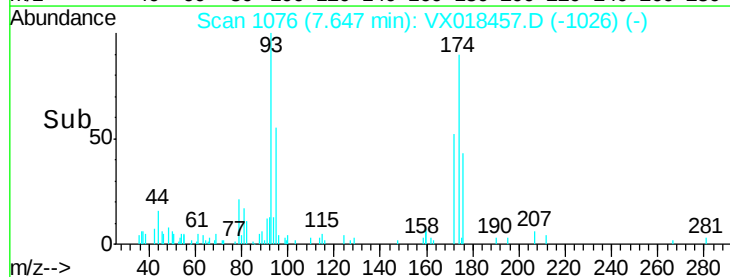
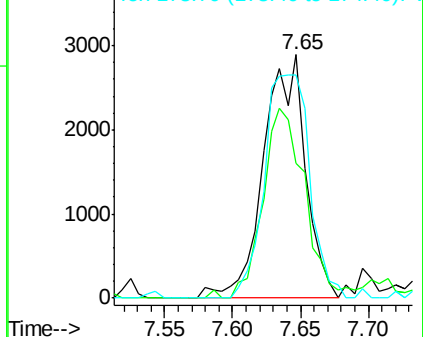
174 99.6 82.0 123.0

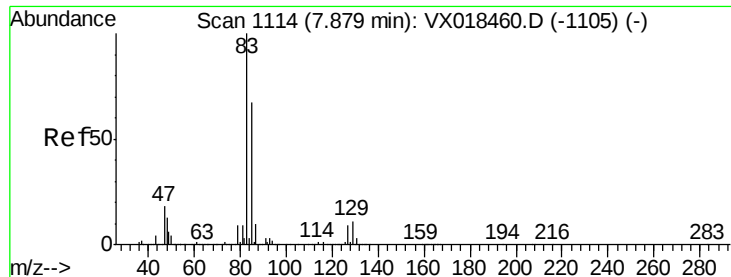


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.070 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

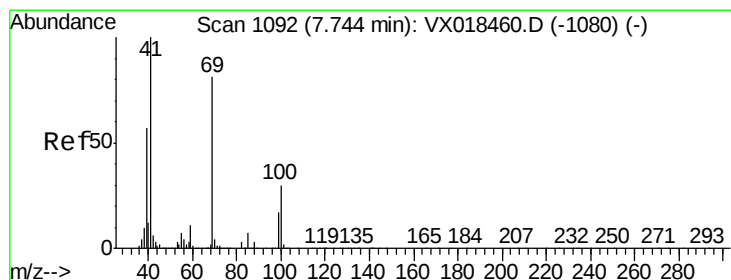
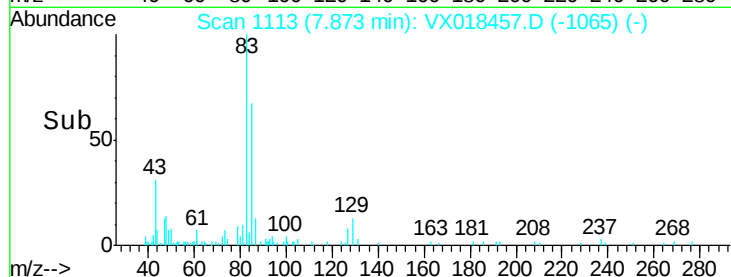
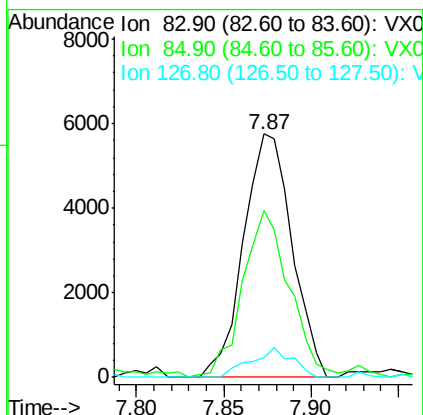
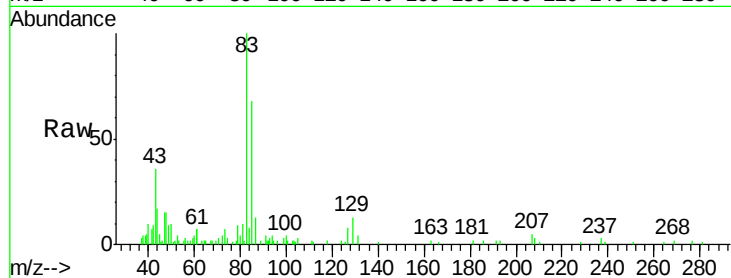
Tgt Ion: 83 Resp: 11130

Ion Ratio Lower Upper

83 100

85 66.7 53.3 79.9

127 7.9 7.4 11.2



#48

Methyl methacrylate

Concen: 0.927 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

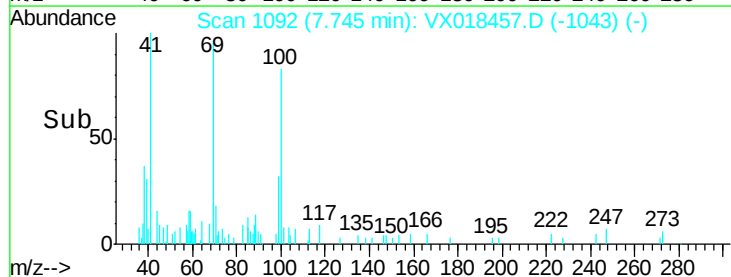
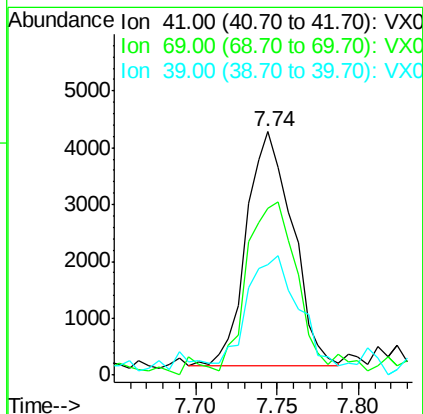
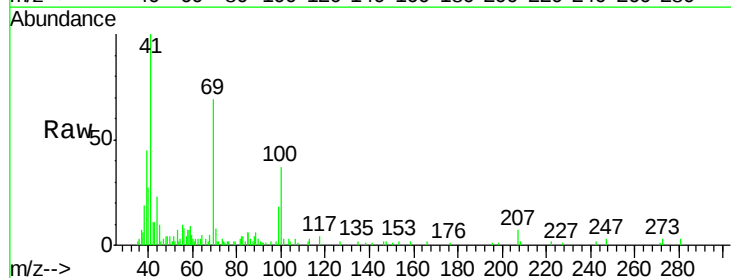
Tgt Ion: 41 Resp: 8068

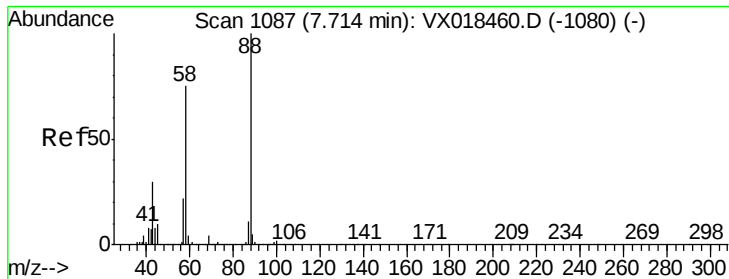
Ion Ratio Lower Upper

41 100

69 80.1 63.7 95.5

39 56.3 45.0 67.4

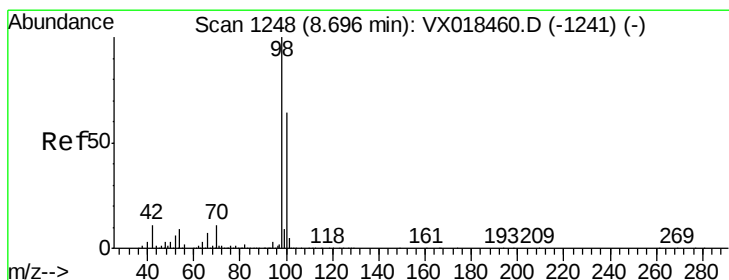
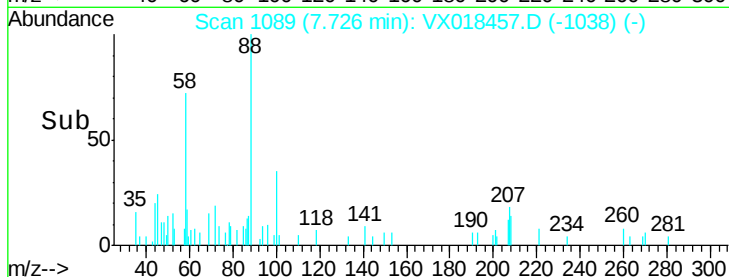
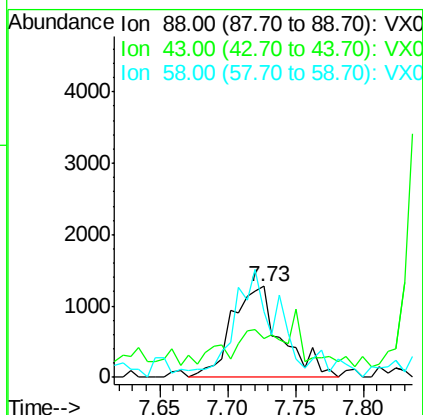
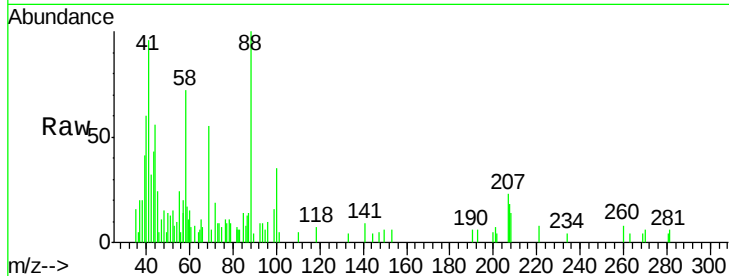




#49
1,4-Dioxane
Concen: 21.214 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

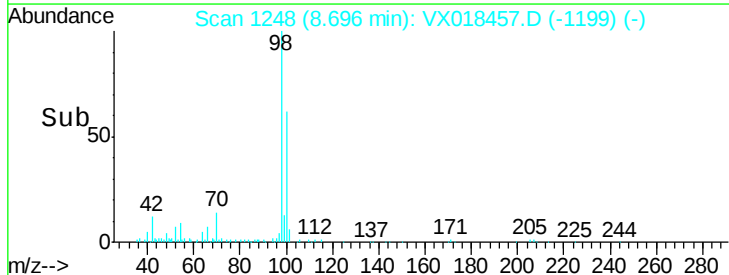
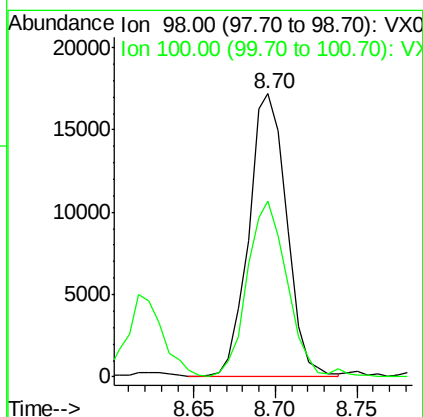
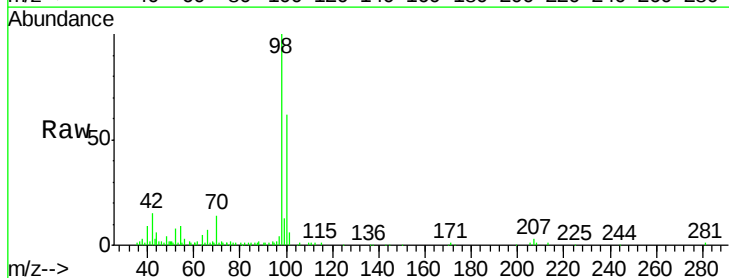
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

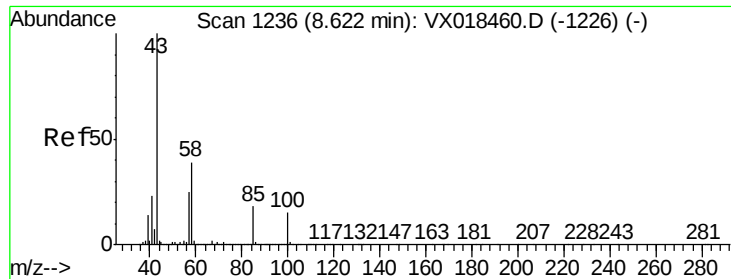
Tgt Ion: 88 Resp: 3234
Ion Ratio Lower Upper
88 100
43 21.6 29.9 44.9#
58 65.0 59.0 88.6



#50
Toluene-d8
Concen: 1.092 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 98 Resp: 27820
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5

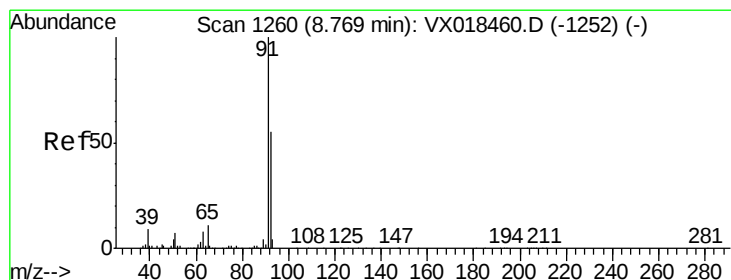
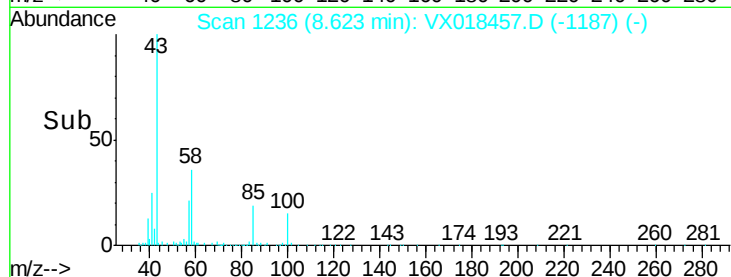
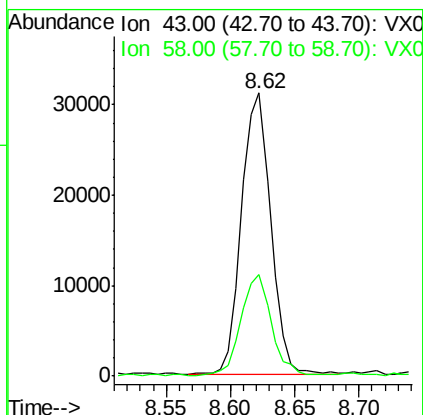
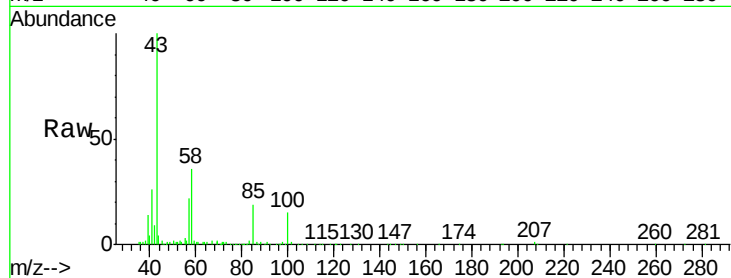




#51
 4-Methyl-2-Pentanone
 Concen: 4.557 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

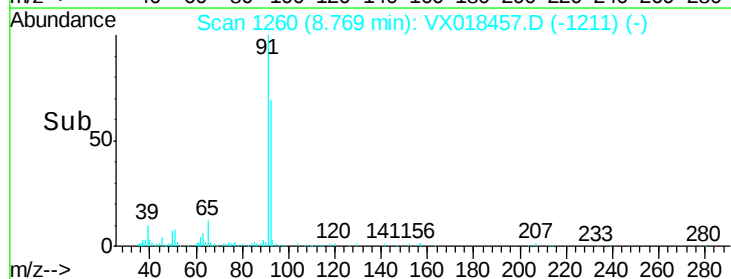
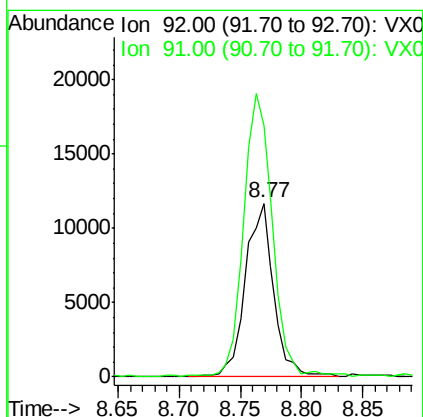
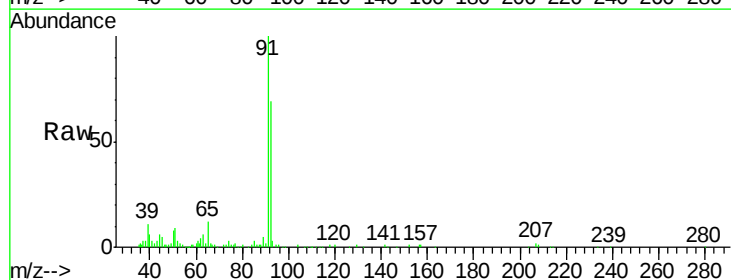
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

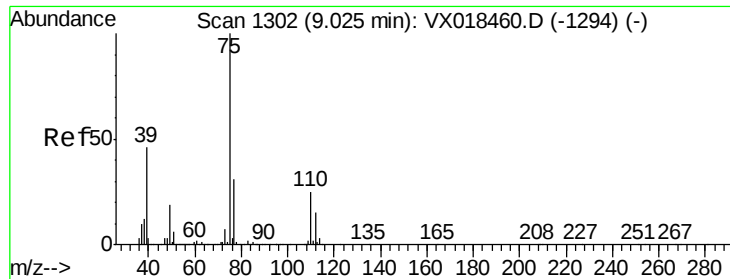
Tgt Ion: 43 Resp: 48948
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.9 46.3



#52
 Toluene
 Concen: 1.087 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

Tgt Ion: 92 Resp: 18899
 Ion Ratio Lower Upper
 92 100
 91 161.5 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 1.112 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

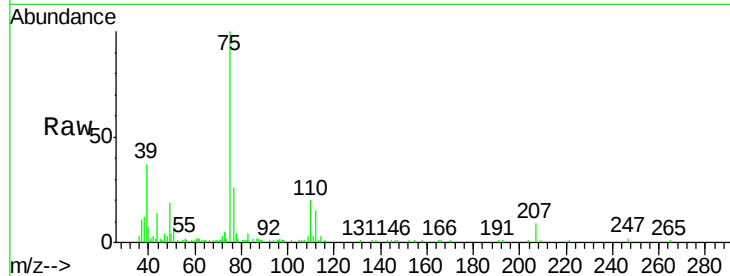
VSTDIC001

Tgt Ion: 75 Resp: 12851

Ion Ratio Lower Upper

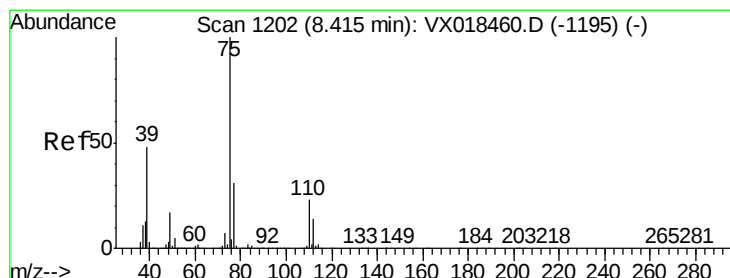
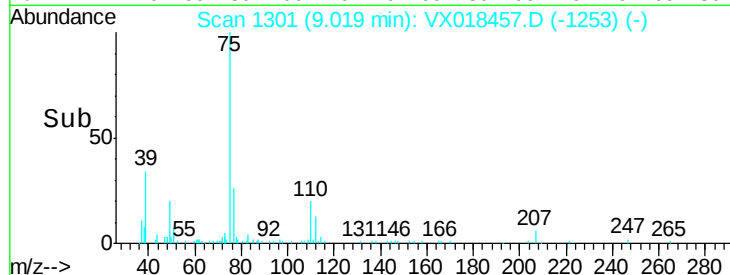
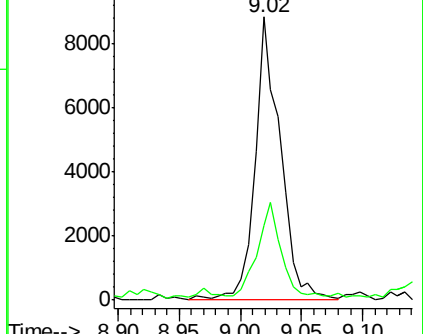
75 100

77 25.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 1.035 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

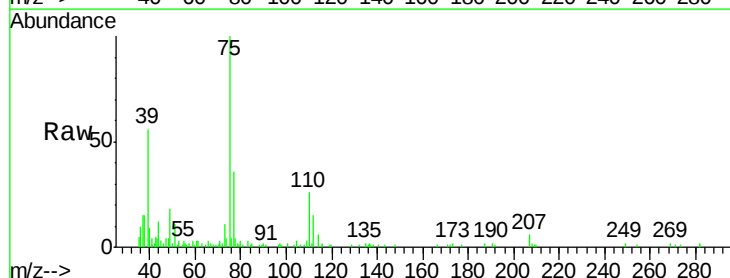
Tgt Ion: 75 Resp: 12681

Ion Ratio Lower Upper

75 100

77 33.6 24.8 37.2

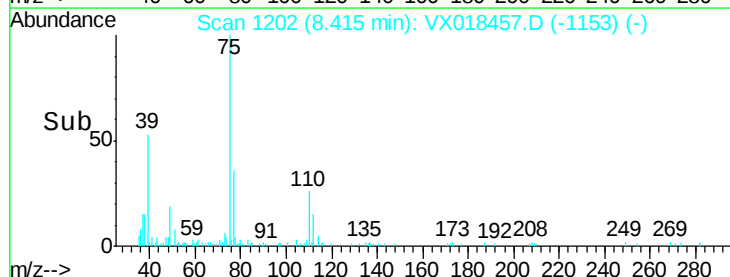
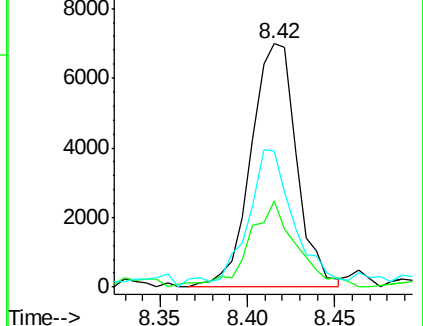
39 52.4 38.6 58.0

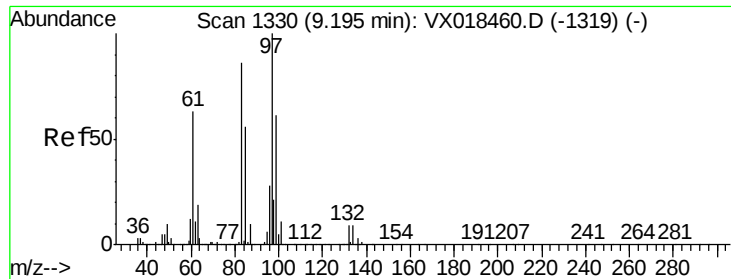


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 1.033 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 7647

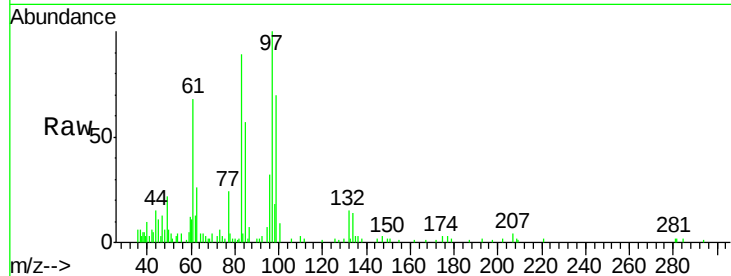
Ion Ratio Lower Upper

97 100

83 90.3 68.5 102.7

85 54.8 44.8 67.2

99 68.3 48.9 73.3

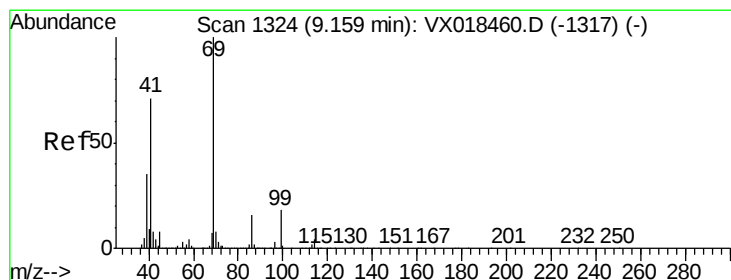
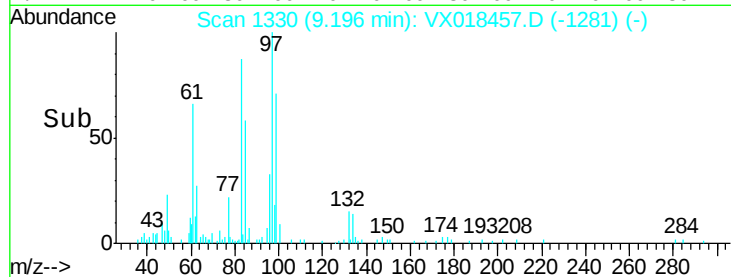
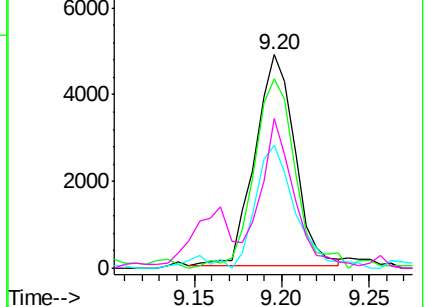


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.923 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

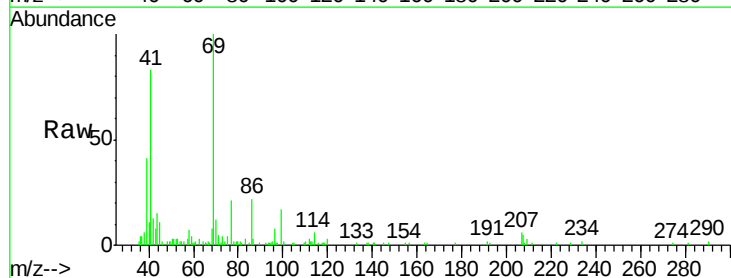
Tgt Ion: 69 Resp: 10179

Ion Ratio Lower Upper

69 100

41 74.3 54.6 81.8

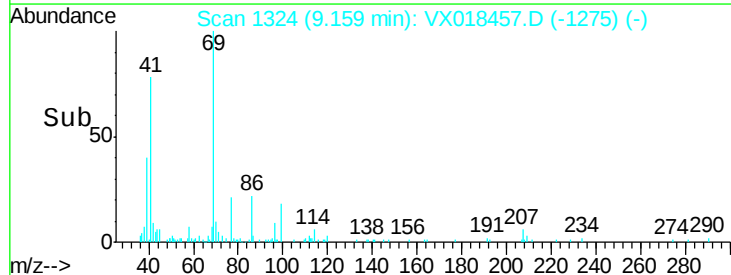
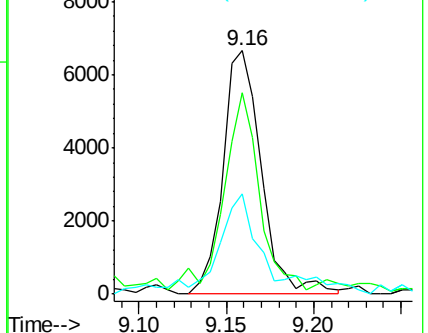
39 45.1 29.3 43.9#

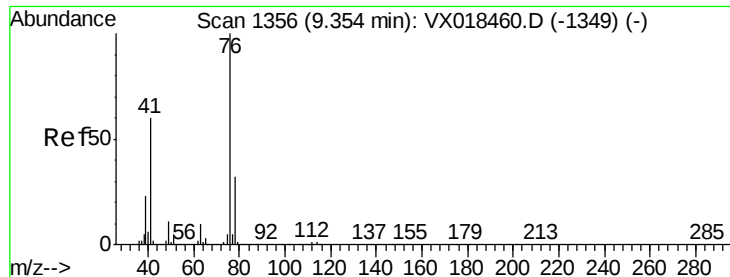


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.071 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

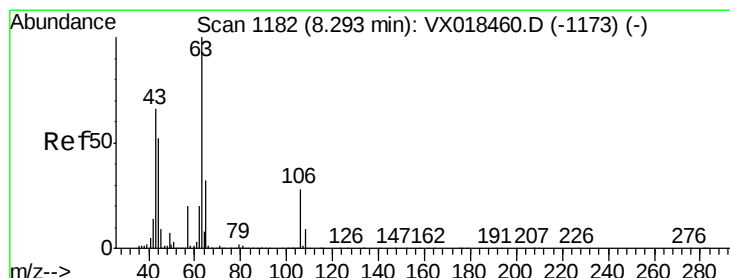
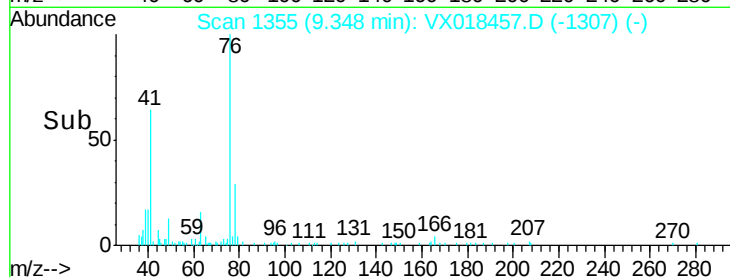
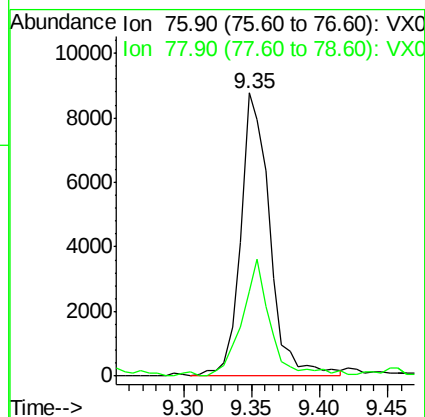
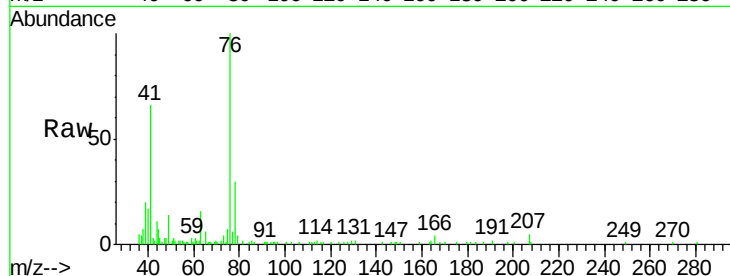
VSTDIC001

Tgt Ion: 76 Resp: 13092

Ion Ratio Lower Upper

76 100

78 40.6 25.6 38.4#



#58

2-Chloroethyl Vinyl ether

Concen: 5.287 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018457.D

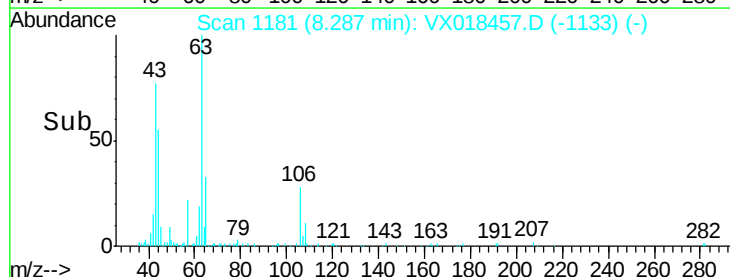
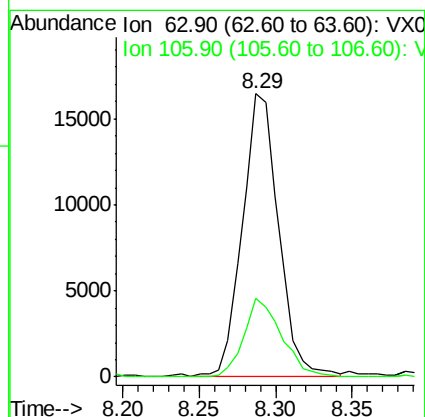
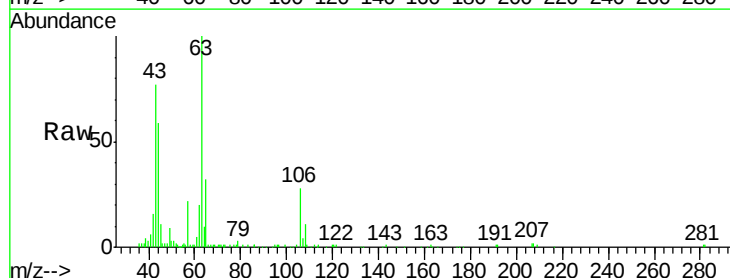
Acq: 17 Sep 2020 09:48

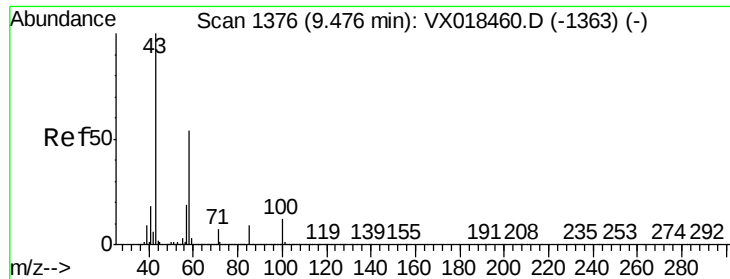
Tgt Ion: 63 Resp: 27076

Ion Ratio Lower Upper

63 100

106 28.9 22.2 33.2

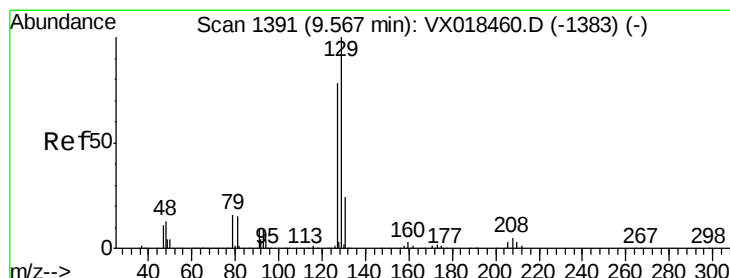
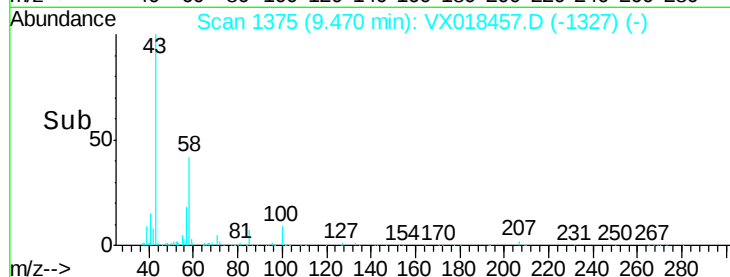
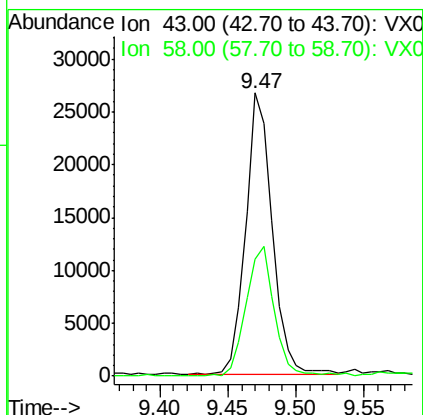
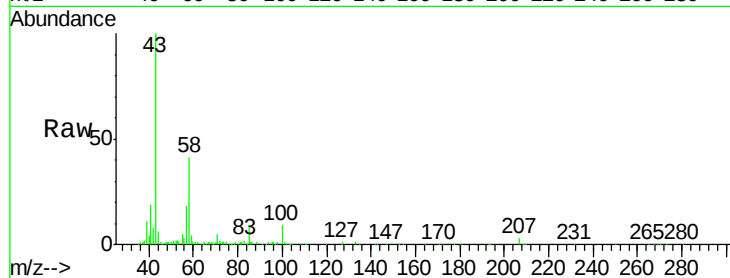




#59
2-Hexanone
Concen: 4.510 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

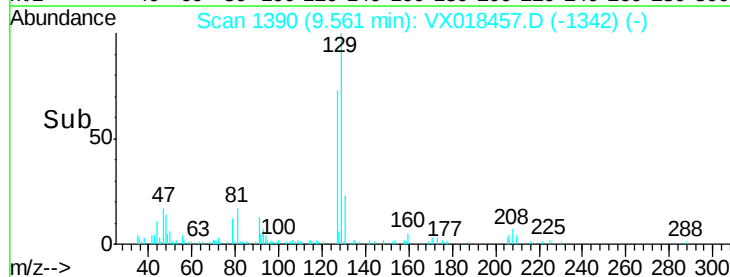
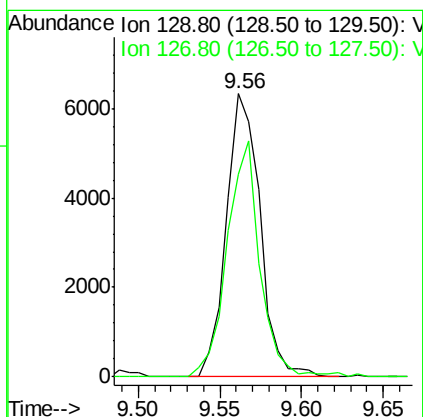
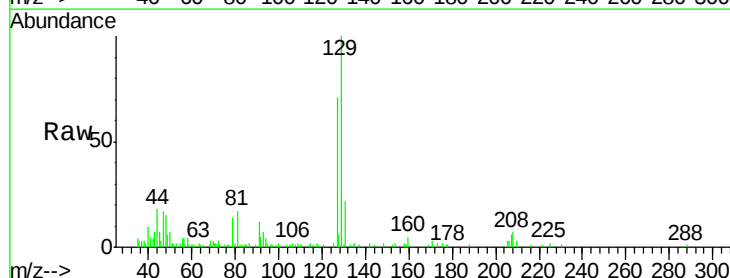
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

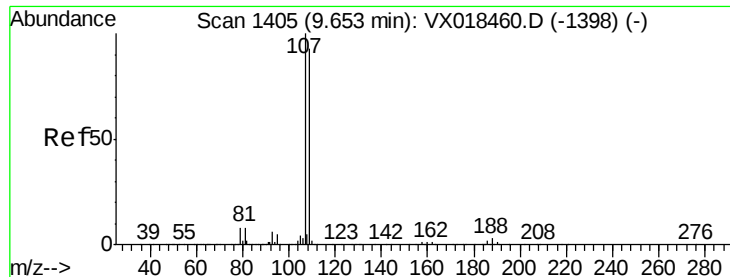
Tgt Ion: 43 Resp: 36796
Ion Ratio Lower Upper
43 100
58 48.5 26.5 79.4



#60
Dibromochloromethane
Concen: 1.046 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 129 Resp: 9101
Ion Ratio Lower Upper
129 100
127 80.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 1.009 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

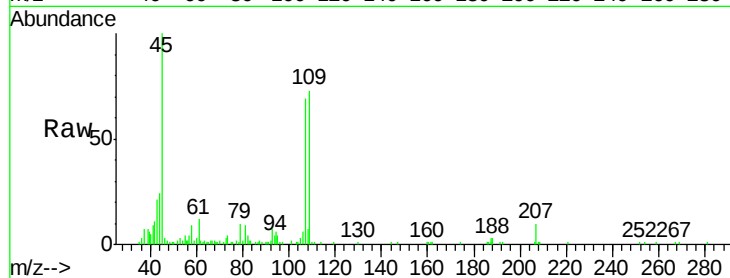
VSTDIC001

Tgt Ion: 107 Resp: 8104

Ion Ratio Lower Upper

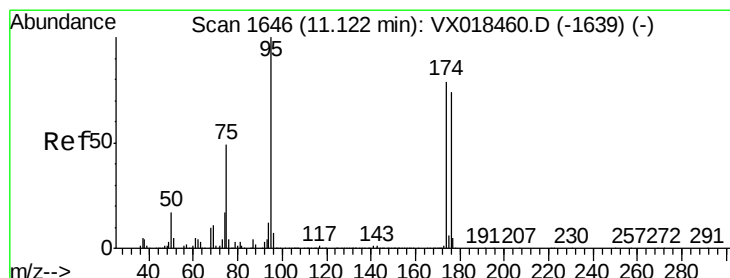
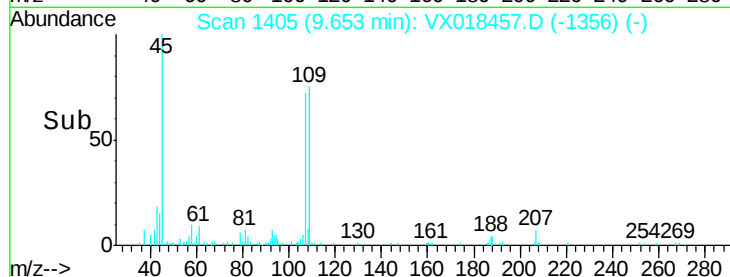
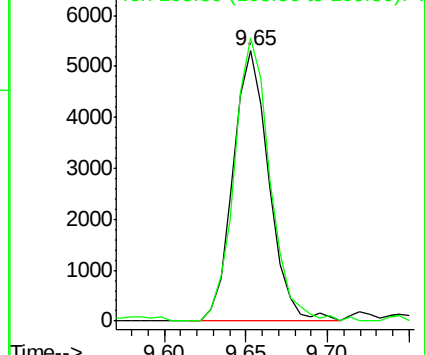
107 100

109 104.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.207 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

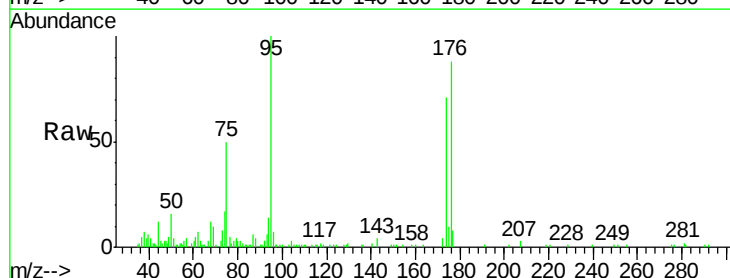
Tgt Ion: 95 Resp: 12098

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.4

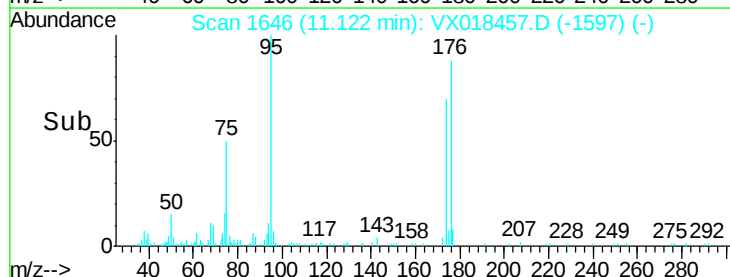
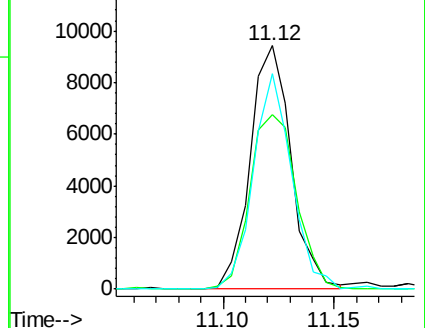
176 83.2 0.0 151.4

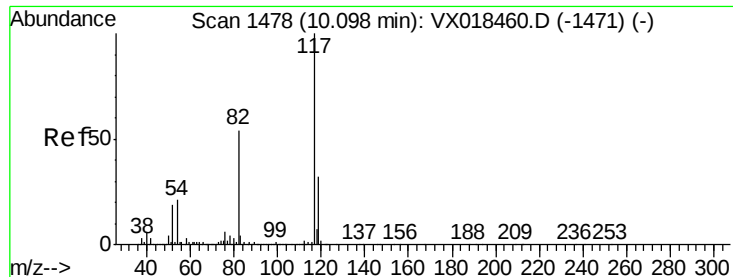


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

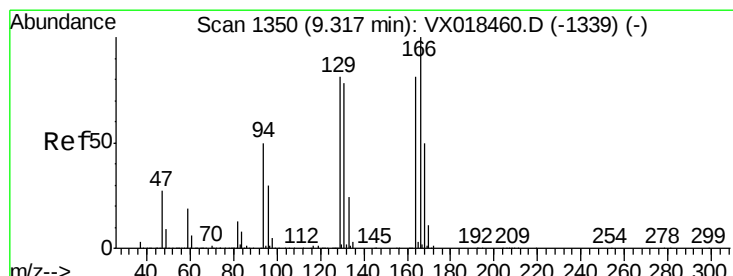
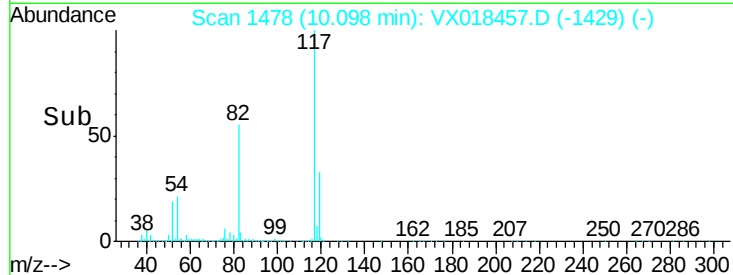
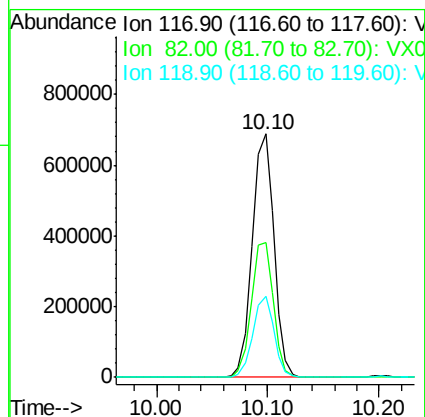
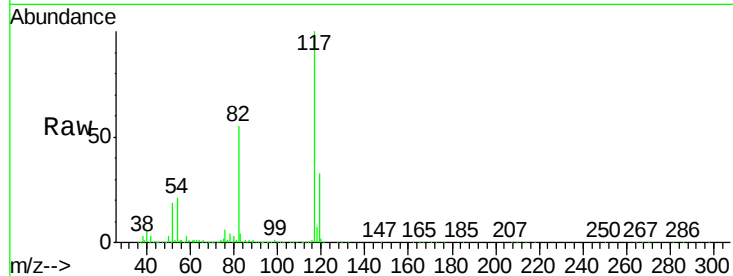




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

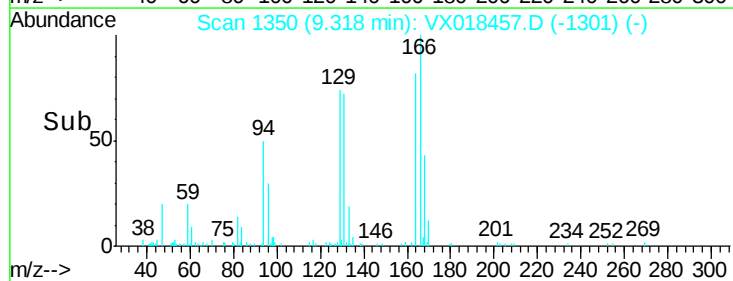
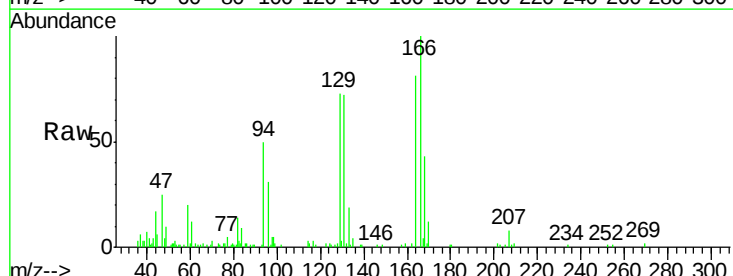
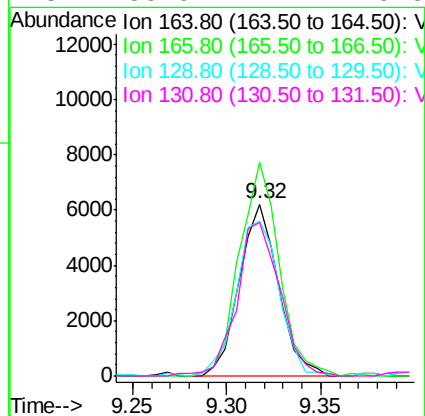
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

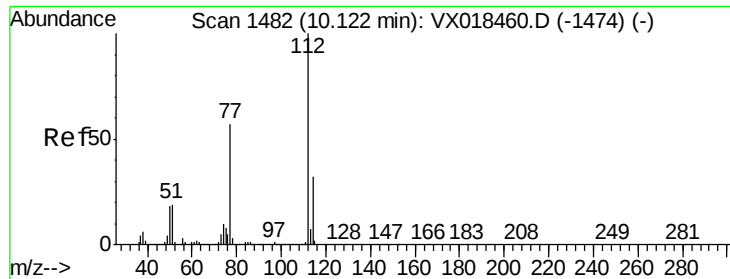
Tgt Ion:117 Resp: 938836
Ion Ratio Lower Upper
117 100
82 55.3 43.3 64.9
119 33.0 25.9 38.9



#64
Tetrachloroethene
Concen: 1.289 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion:164 Resp: 8938
Ion Ratio Lower Upper
164 100
166 124.1 99.3 148.9
129 90.3 80.7 121.1
131 88.9 77.2 115.8





#65

Chlorobenzene

Concen: 1.096 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

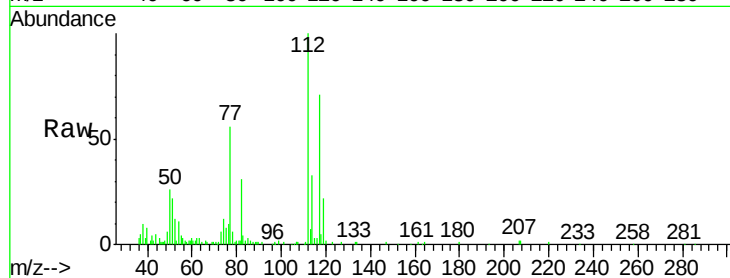
VSTDIC001

Tgt Ion:112 Resp: 20587

Ion Ratio Lower Upper

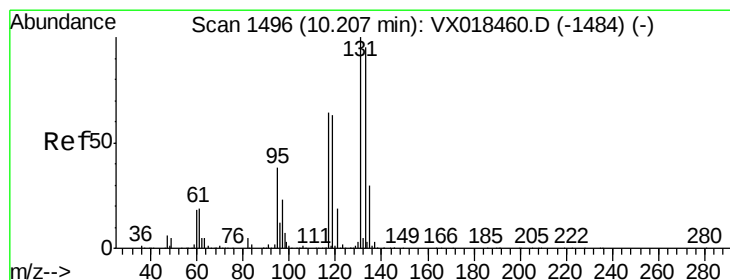
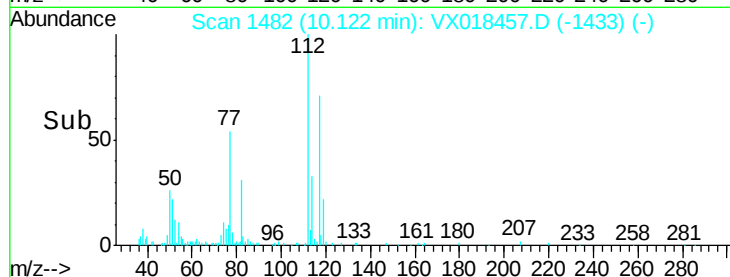
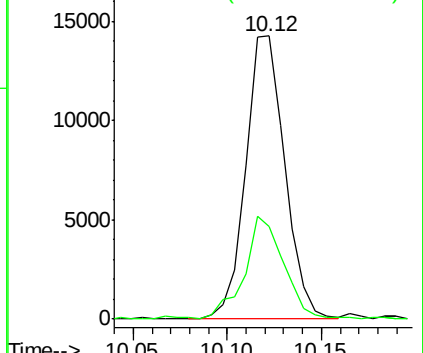
112 100

114 32.4 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.156 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

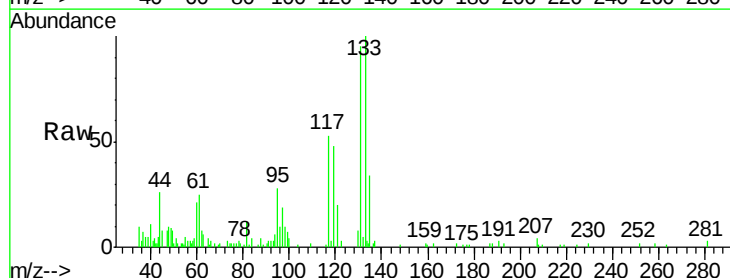
Tgt Ion:131 Resp: 8576

Ion Ratio Lower Upper

131 100

133 91.6 47.8 143.4

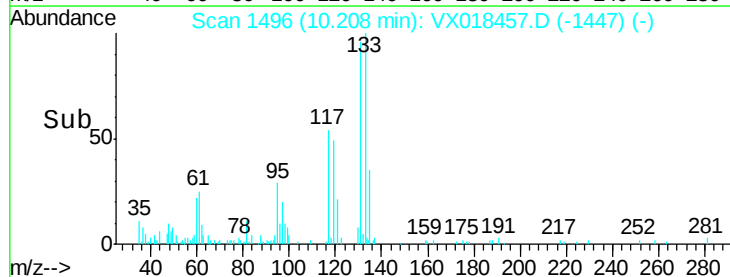
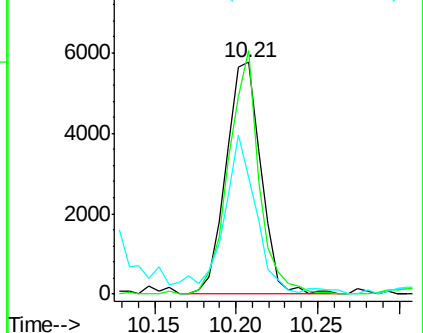
119 0.0 31.9 95.7#

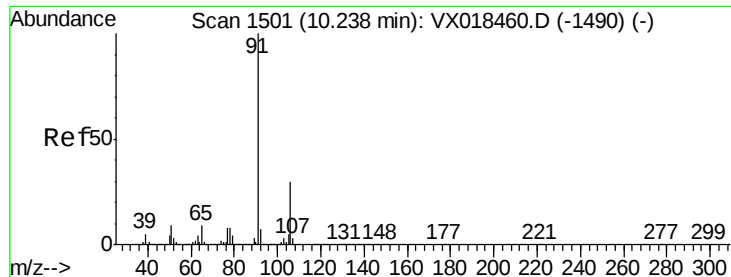


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.045 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

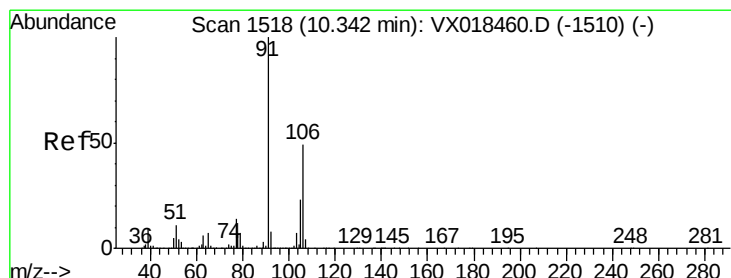
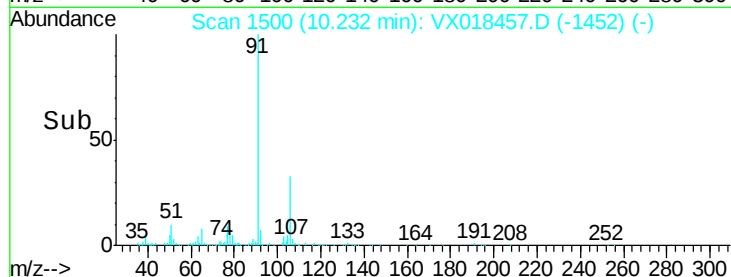
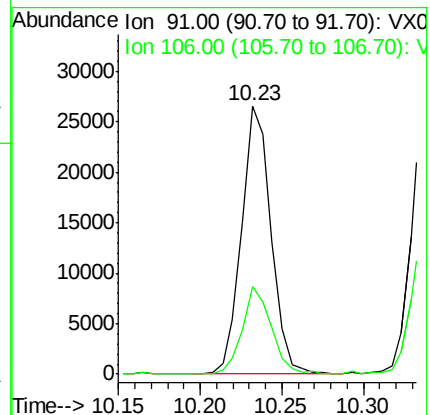
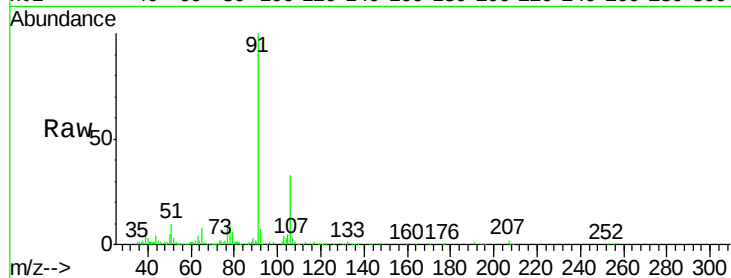
VSTDIC001

Tgt Ion: 91 Resp: 33501

Ion Ratio Lower Upper

91 100

106 32.6 24.1 36.1



#68

m/p-Xylenes

Concen: 2.189 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018457.D

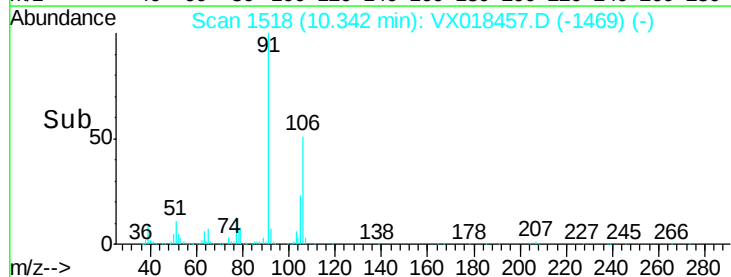
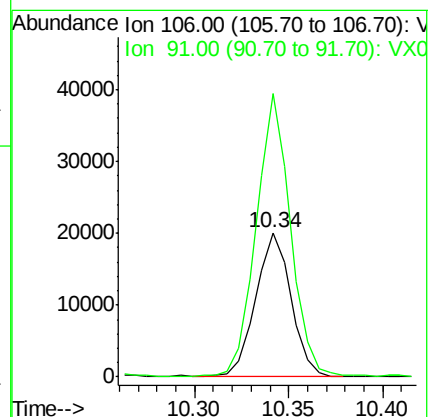
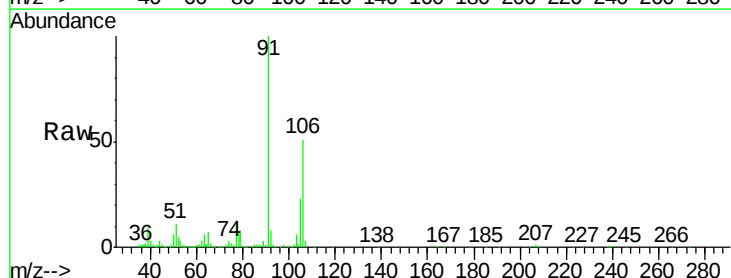
Acq: 17 Sep 2020 09:48

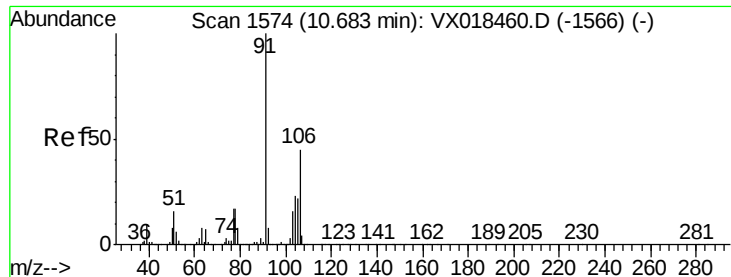
Tgt Ion: 106 Resp: 26109

Ion Ratio Lower Upper

106 100

91 190.1 163.8 245.6

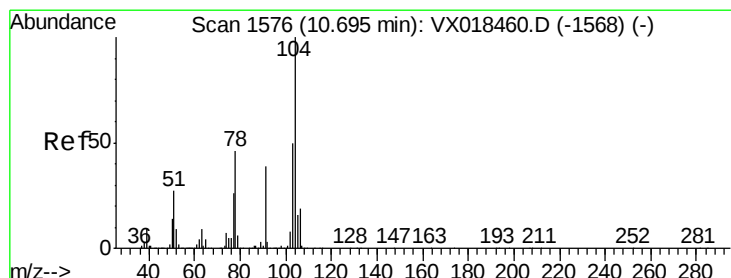
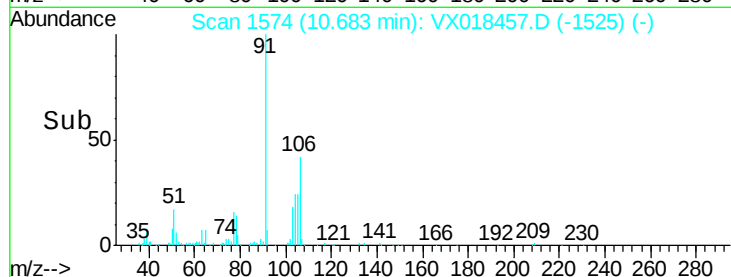
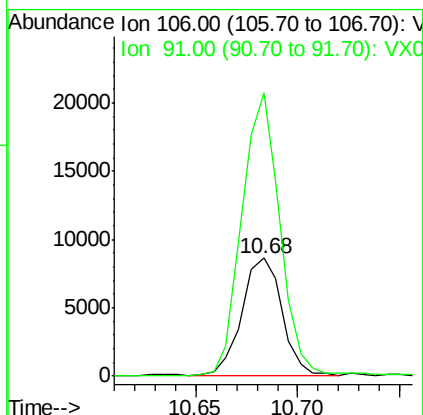
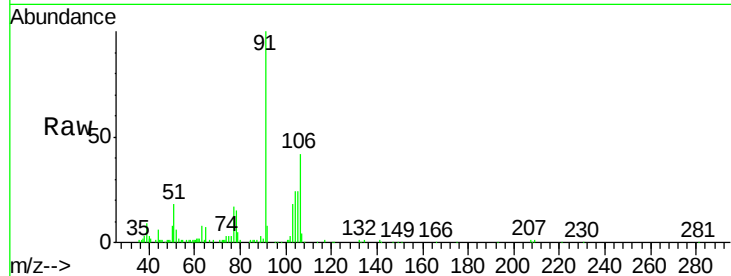




#69
o-Xylene
Concen: 1.033 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

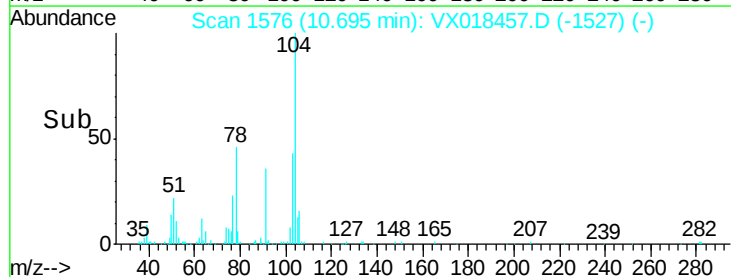
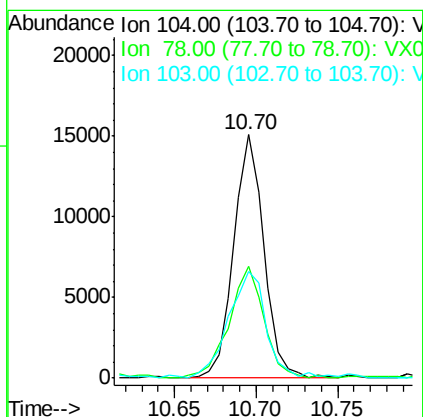
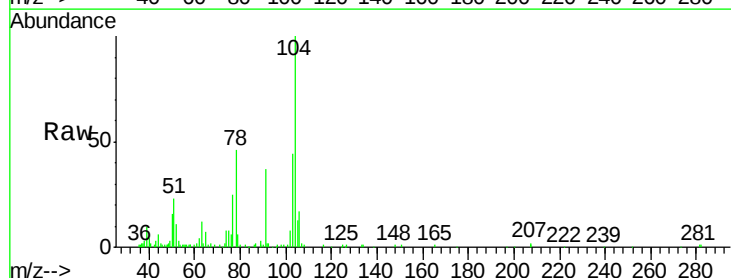
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

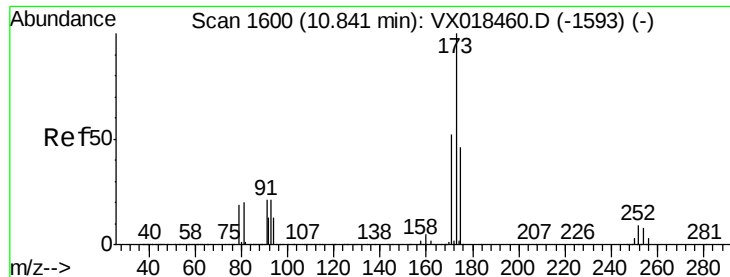
Tgt Ion:106 Resp: 11970
Ion Ratio Lower Upper
106 100
91 226.7 109.7 329.0



#70
Styrene
Concen: 0.984 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion:104 Resp: 19469
Ion Ratio Lower Upper
104 100
78 53.3 40.5 60.7
103 55.3 43.2 64.8





#71

Bromoform

Concen: 1.098 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

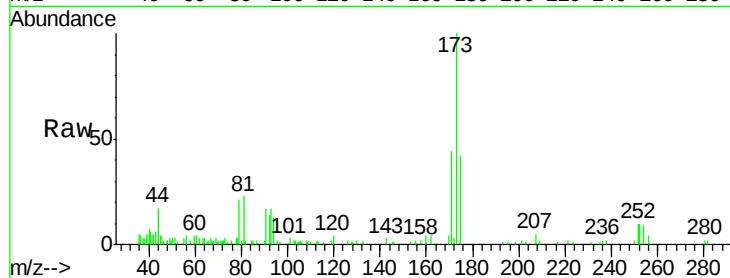
Tgt Ion:173 Resp: 6945

Ion Ratio Lower Upper

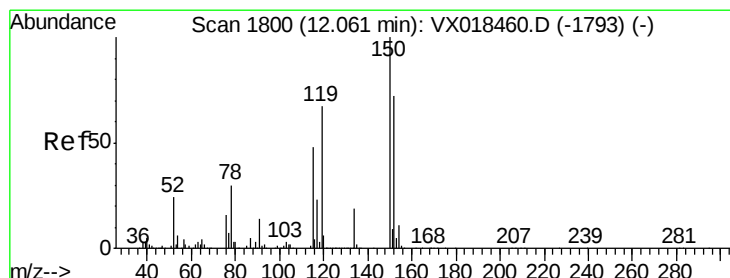
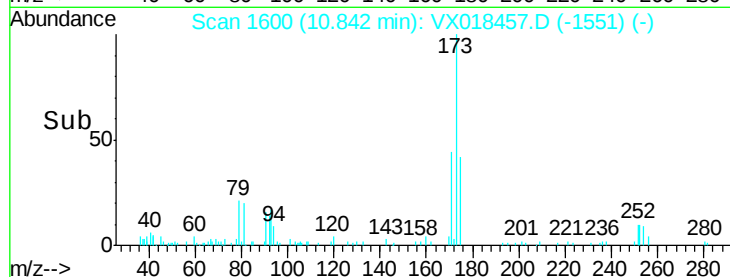
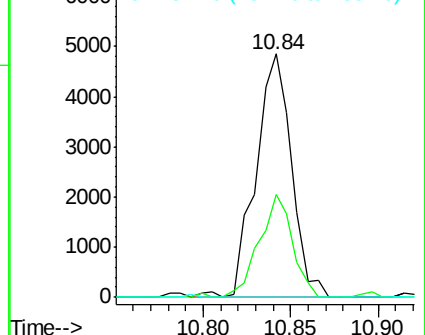
173 100

175 39.2 23.6 70.8

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

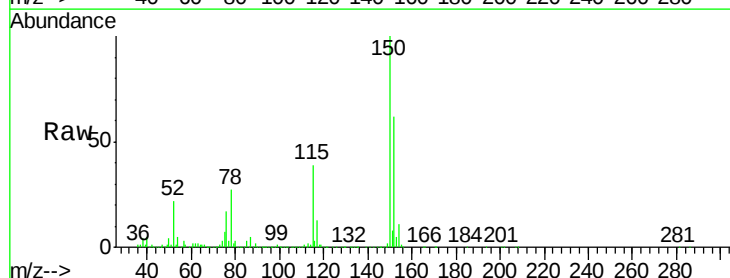
Tgt Ion:152 Resp: 471316

Ion Ratio Lower Upper

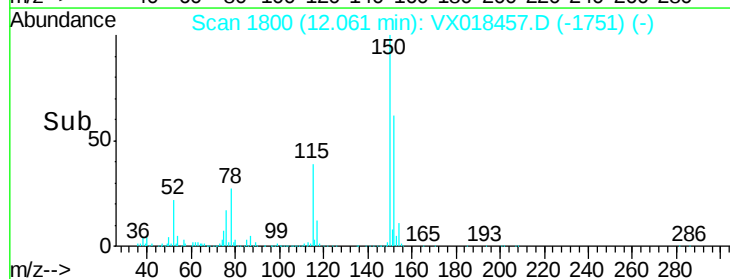
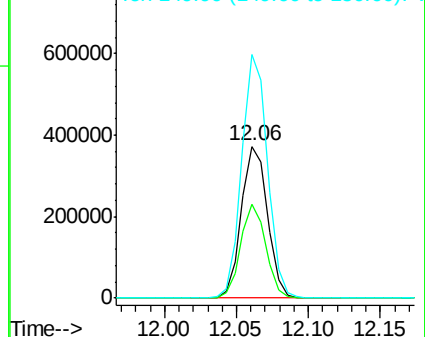
152 100

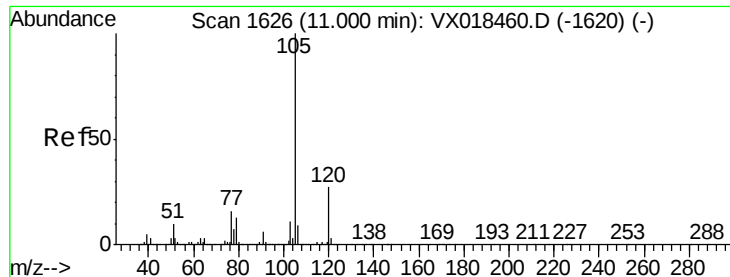
115 59.9 41.8 125.4

150 156.9 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.996 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

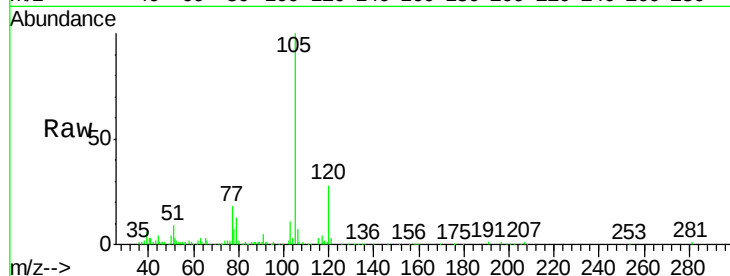
VSTDIC001

Tgt Ion: 105 Resp: 30856

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

25000

20000

15000

10000

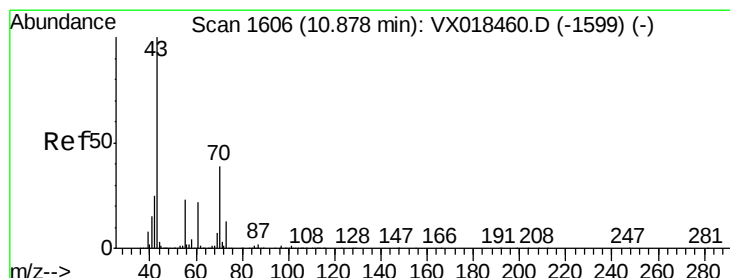
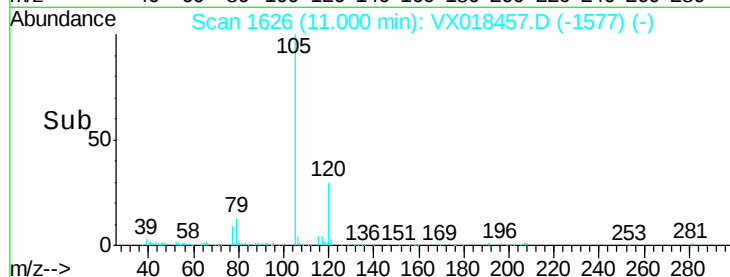
5000

0

Time-->

10.90

11.00



#74

N-ethyl acetate

Concen: 0.959 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Tgt Ion: 43 Resp: 13951

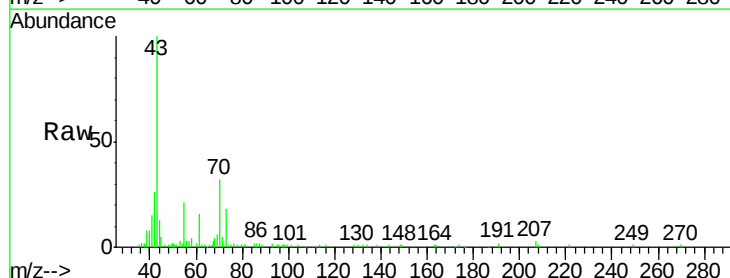
Ion Ratio Lower Upper

43 100

70 39.1 32.2 48.4

55 21.1 18.8 28.2

61 19.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

15000

10000

5000

0

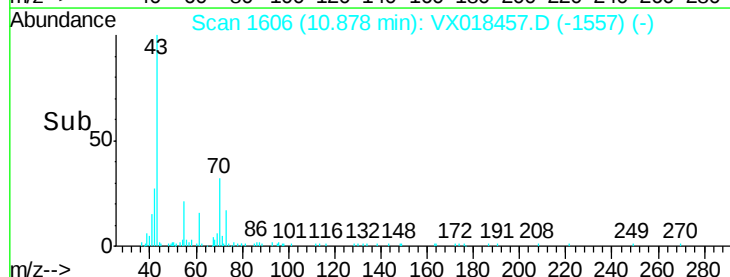
Time-->

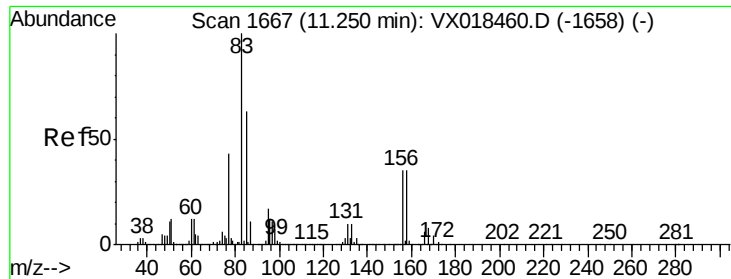
10.80

10.85

10.90

10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 1.007 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

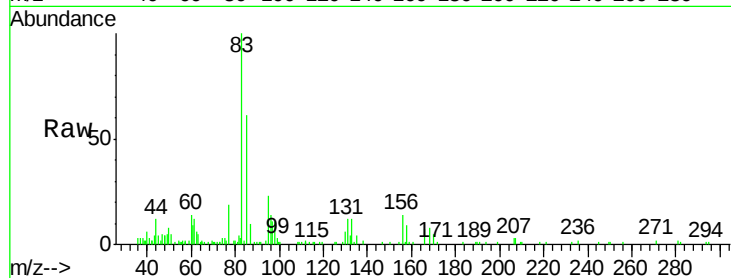
Tgt Ion: 83 Resp: 10979

Ion Ratio Lower Upper

83 100

131 13.2 5.1 15.4

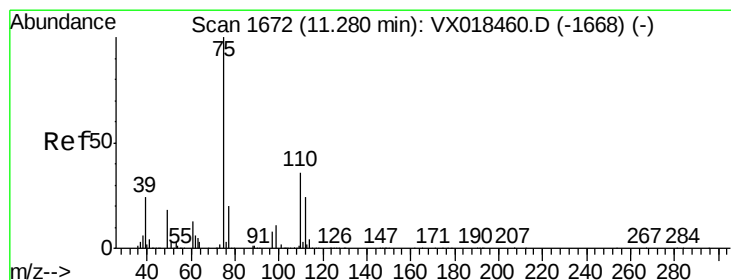
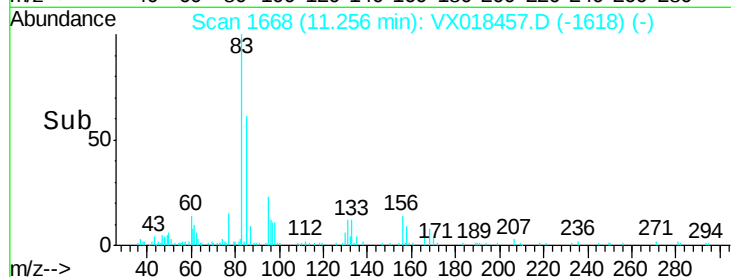
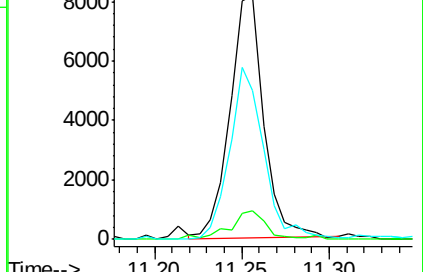
85 72.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.295 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018457.D

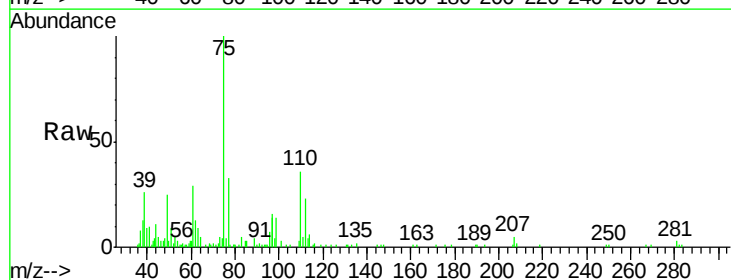
Acq: 17 Sep 2020 09:48

Tgt Ion: 75 Resp: 13485

Ion Ratio Lower Upper

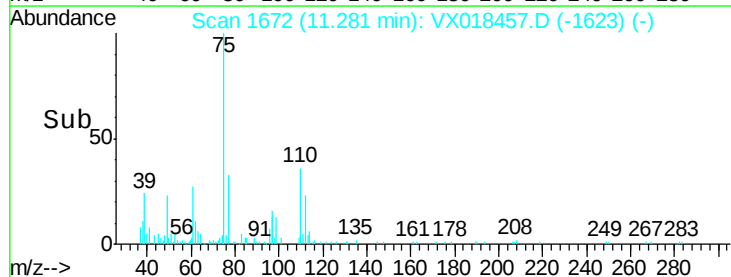
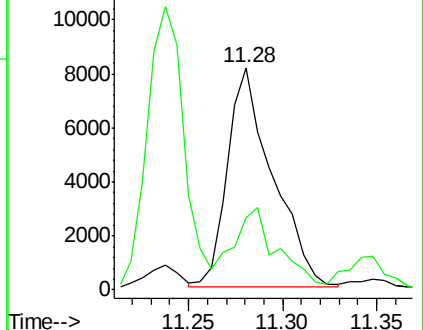
75 100

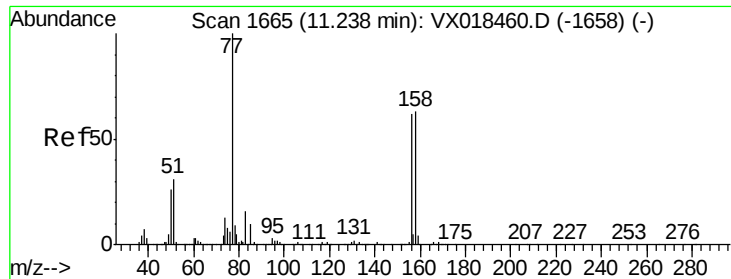
77 37.8 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.099 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

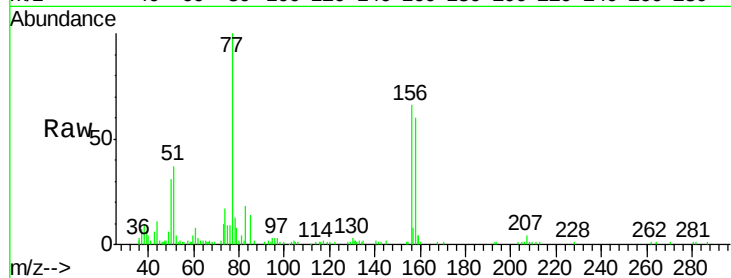
Tgt Ion:156 Resp: 9444

Ion Ratio Lower Upper

156 100

77 154.4 78.8 236.5

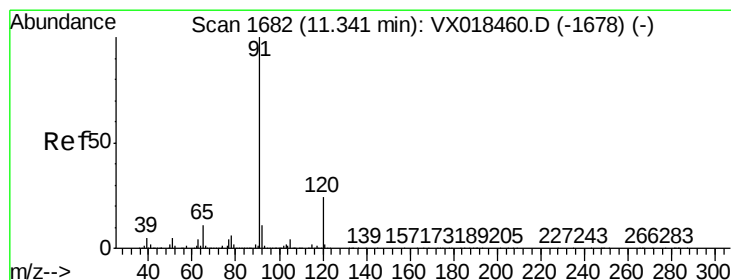
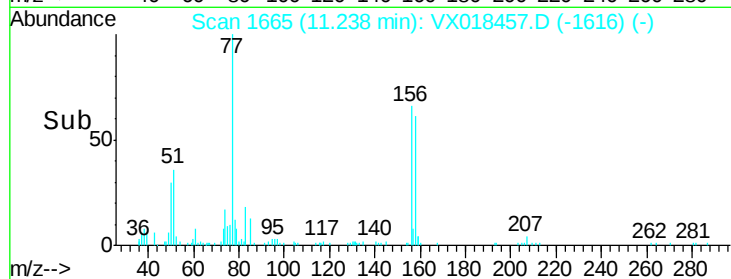
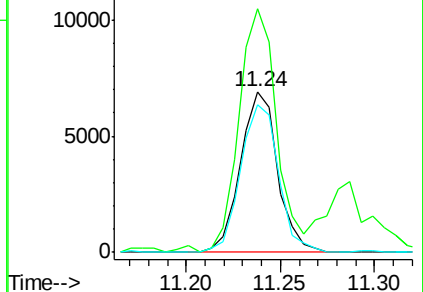
158 93.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.007 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018457.D

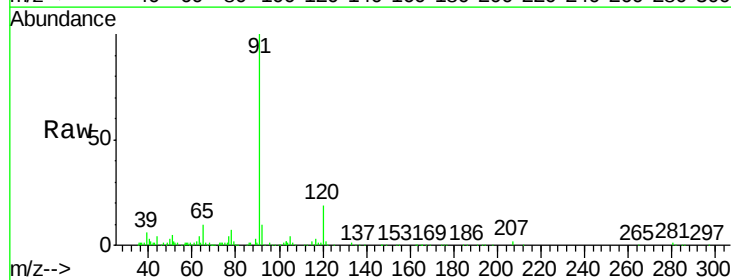
Acq: 17 Sep 2020 09:48

Tgt Ion: 91 Resp: 35657

Ion Ratio Lower Upper

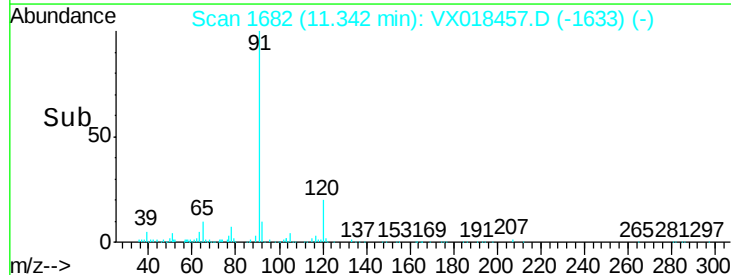
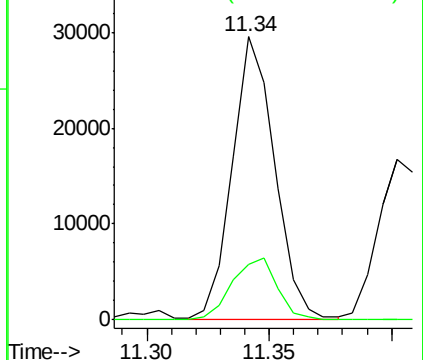
91 100

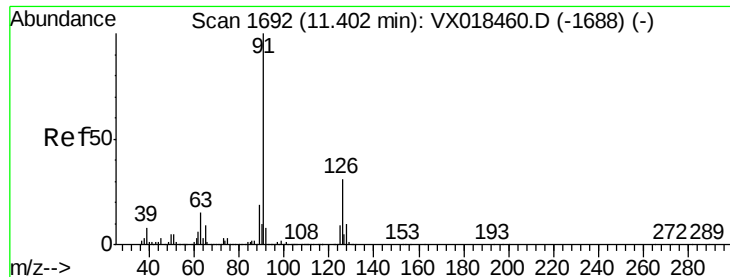
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

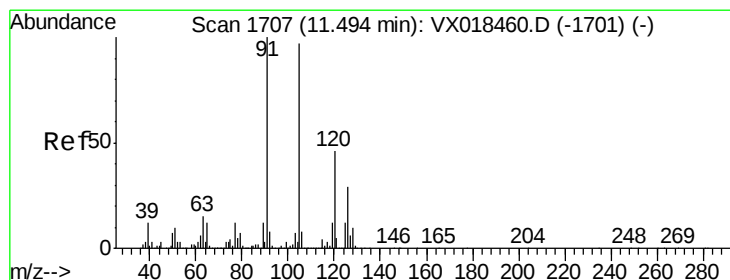
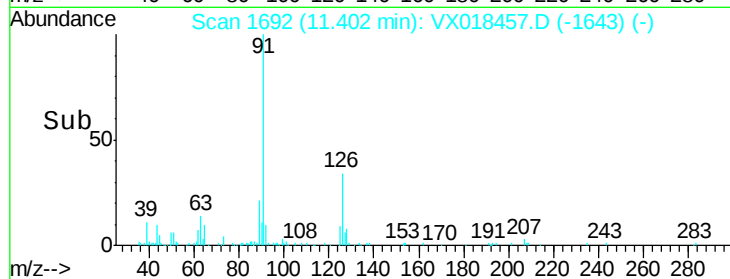
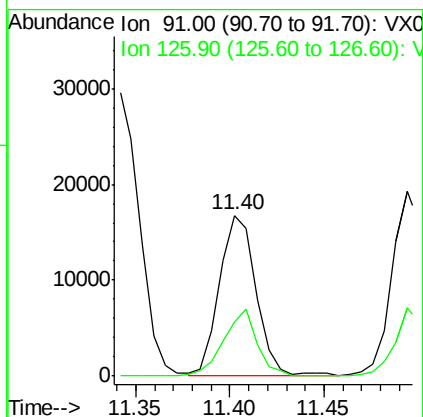
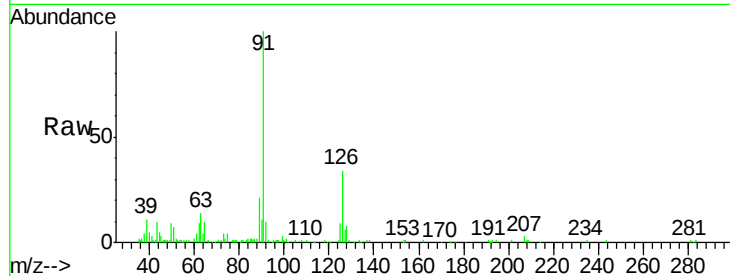




#79
2-Chlorotoluene
Concen: 1.042 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

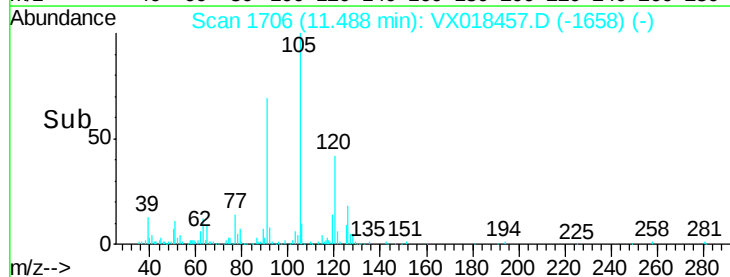
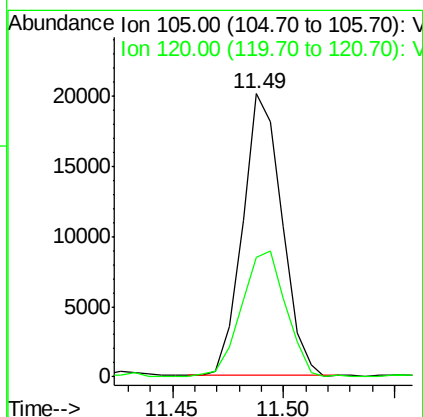
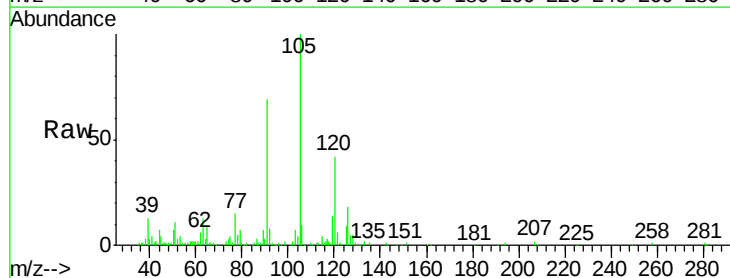
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

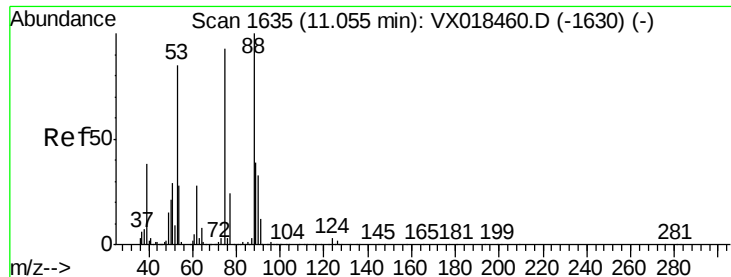
Tgt Ion: 91 Resp: 22708
Ion Ratio Lower Upper
91 100
126 38.3 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 0.965 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 105 Resp: 24663
Ion Ratio Lower Upper
105 100
120 51.0 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 0.988 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

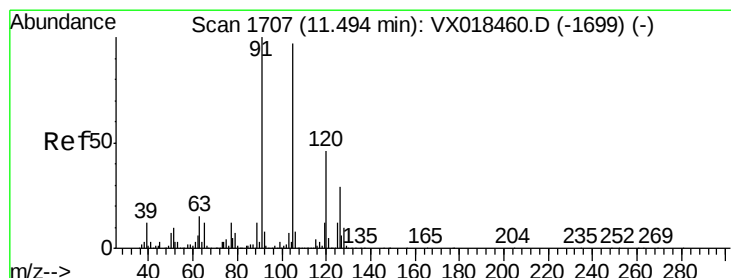
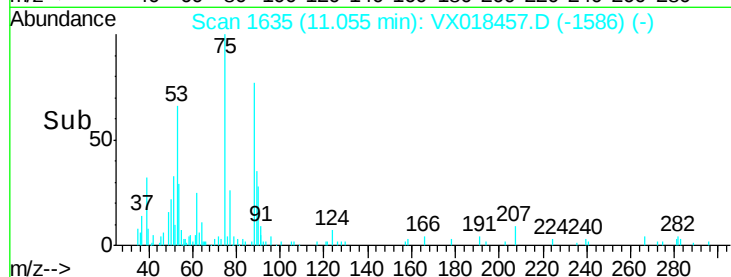
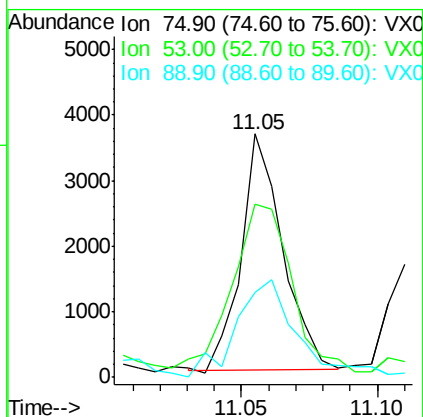
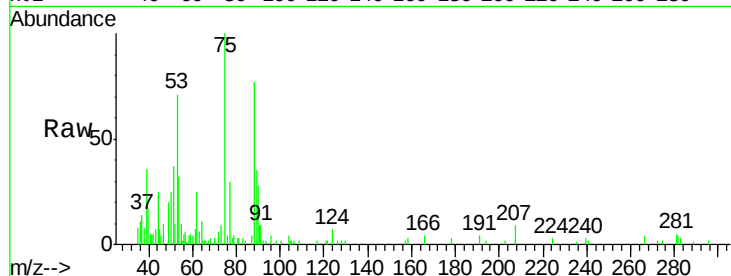
Tgt Ion: 75 Resp: 3831

Ion Ratio Lower Upper

75 100

53 101.7 74.6 111.8

89 61.7 36.2 54.4#



#82

4-Chlorotoluene

Concen: 0.980 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018457.D

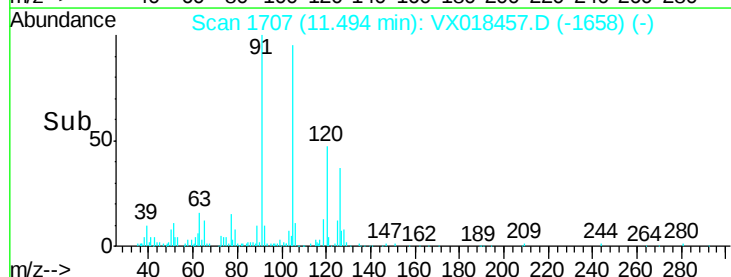
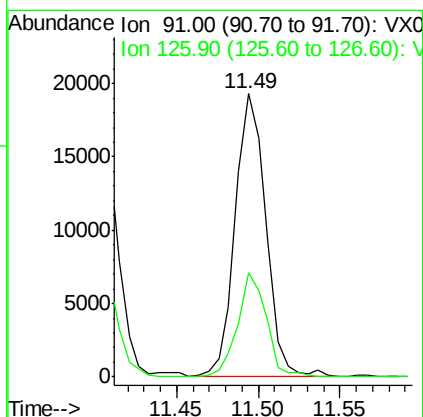
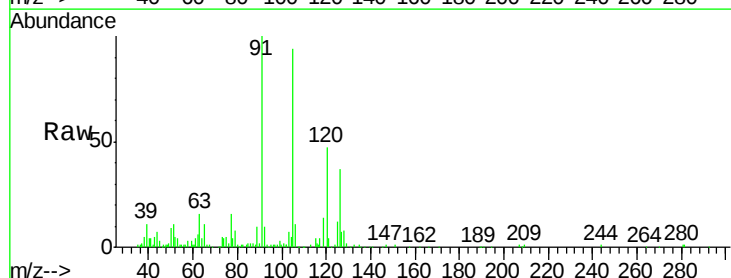
Acq: 17 Sep 2020 09:48

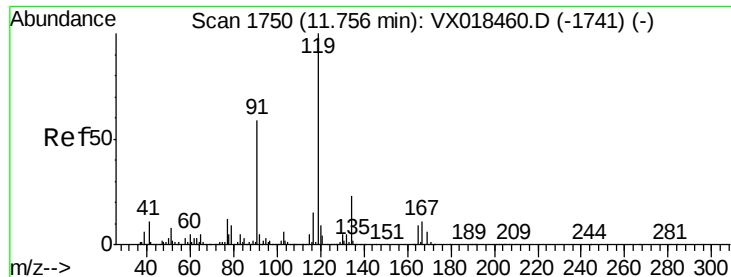
Tgt Ion: 91 Resp: 25408

Ion Ratio Lower Upper

91 100

126 34.7 15.0 45.0

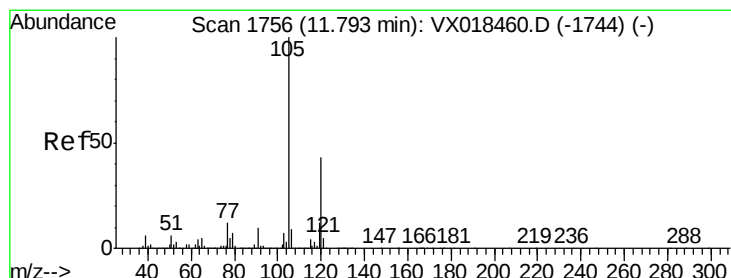
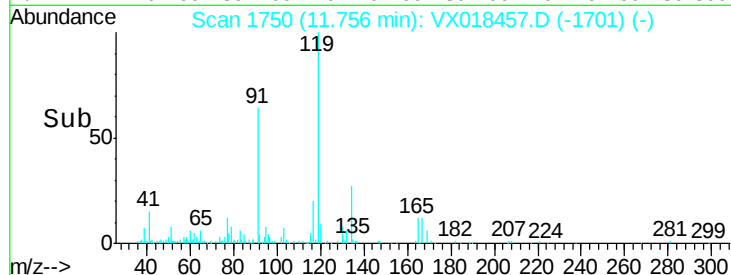
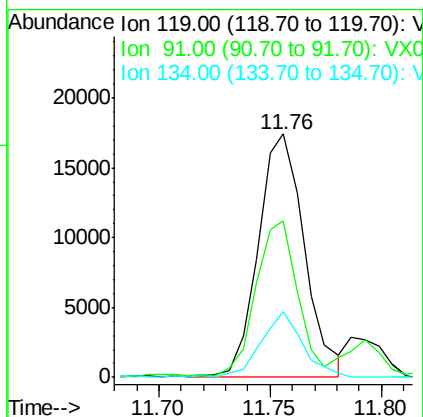
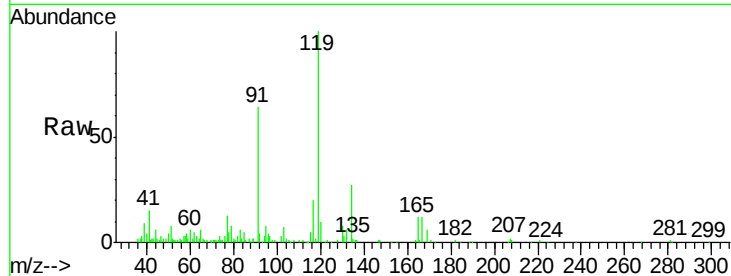




#83
 tert-Butylbenzene
 Concen: 0.992 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

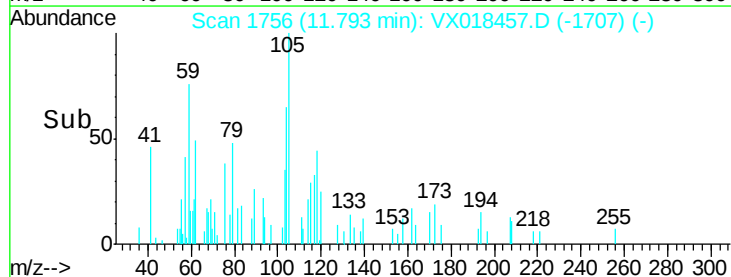
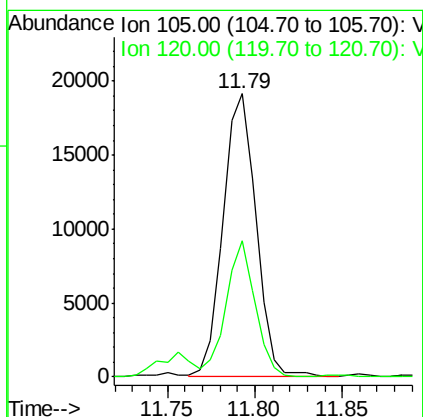
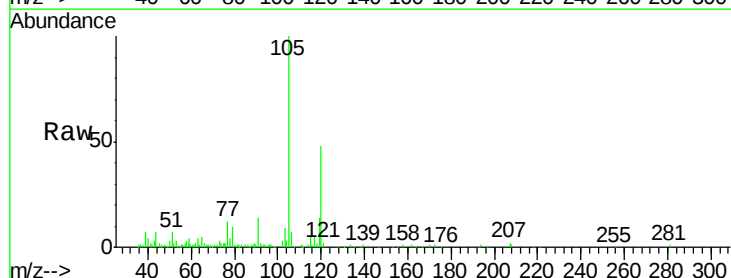
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

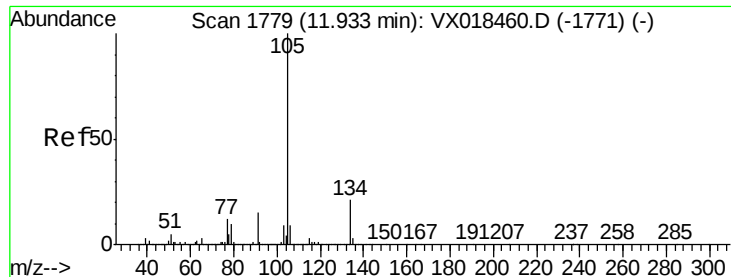
Tgt Ion:119 Resp: 25072
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.9 86.7
 134 24.4 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.963 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

Tgt Ion:105 Resp: 25176
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.6 65.0





#85

sec-Butylbenzene

Concen: 1.003 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

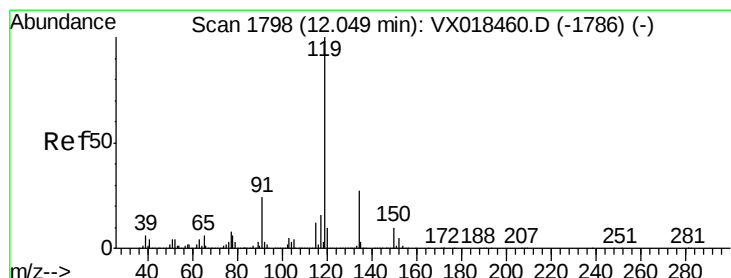
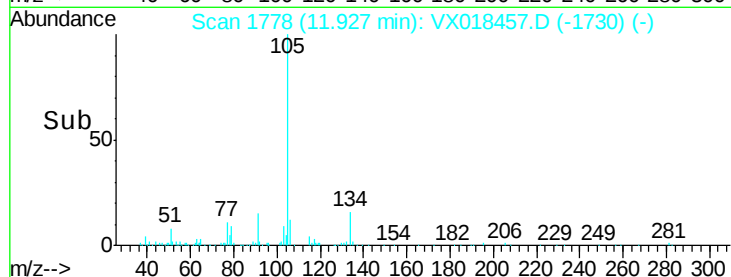
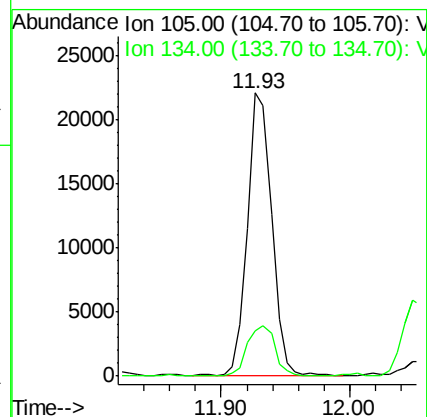
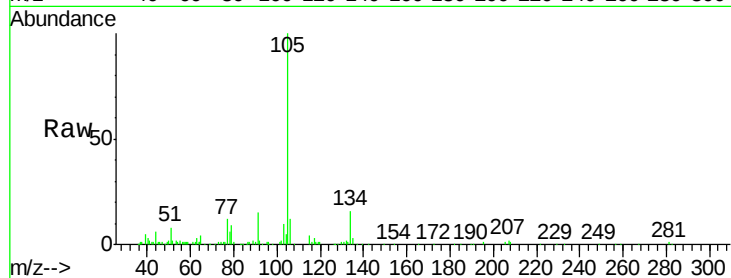
VSTDIC001

Tgt Ion:105 Resp: 28911

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 0.973 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

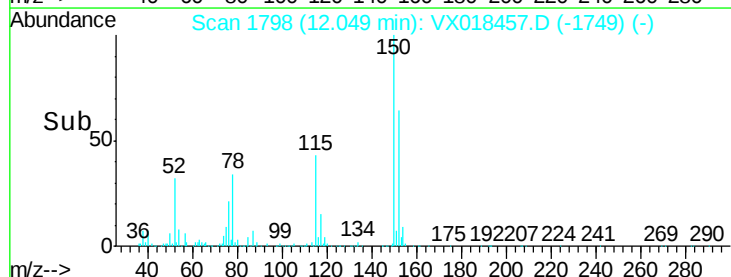
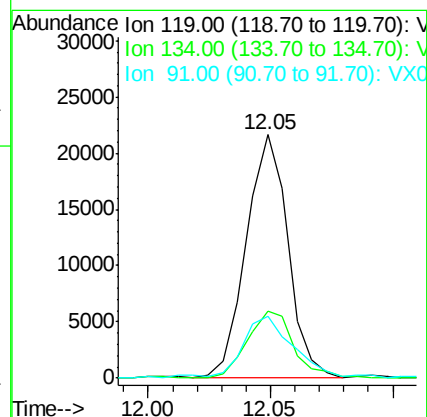
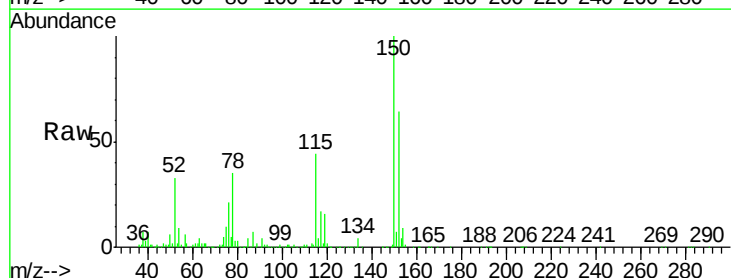
Tgt Ion:119 Resp: 25789

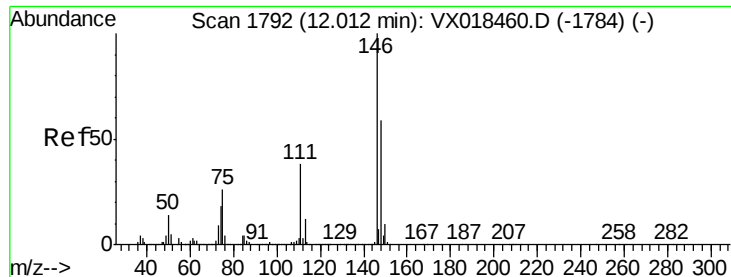
Ion Ratio Lower Upper

119 100

134 30.7 13.3 39.9

91 32.6 11.9 35.9

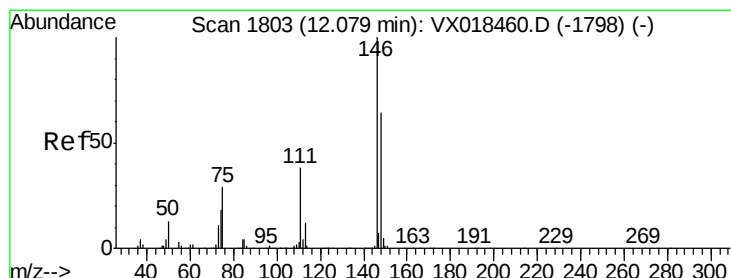
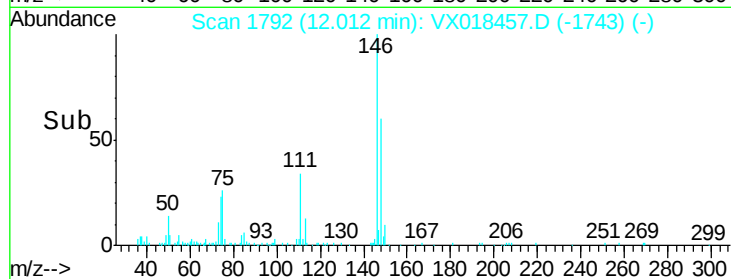
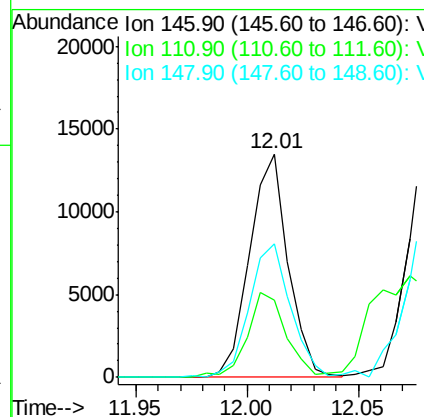
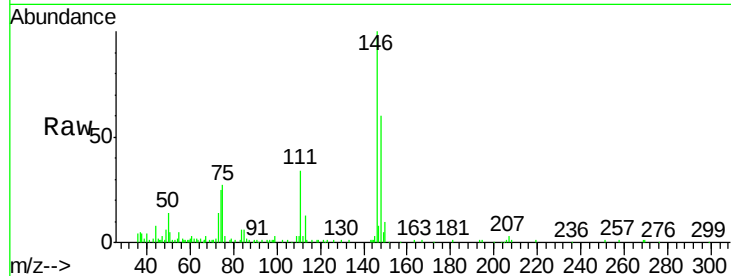




#87
 1,3-Dichlorobenzene
 Concen: 1.073 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

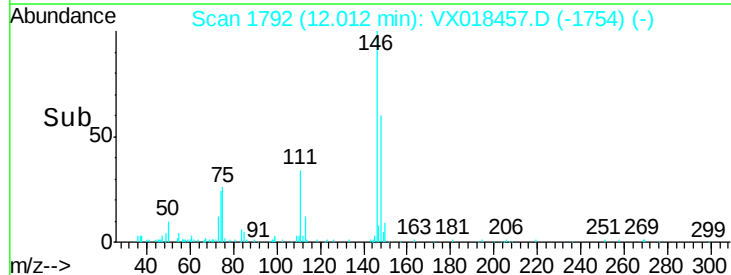
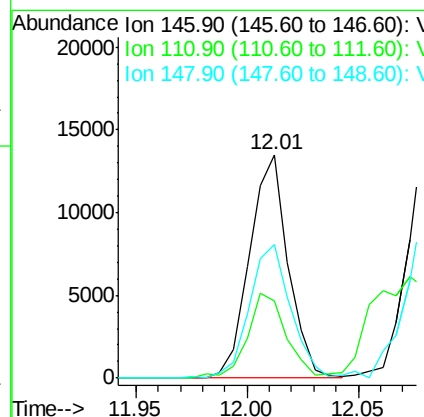
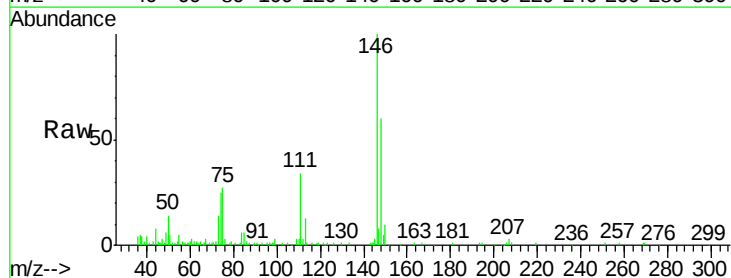
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

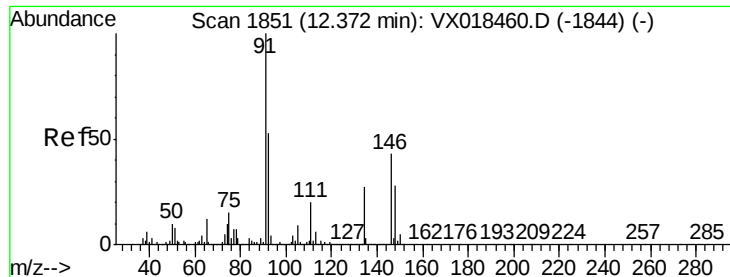
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.4	61.2
148	64.5	31.1	93.2



#88
 1,4-Dichlorobenzene
 Concen: 1.071 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.4
148	64.5	31.8	95.4

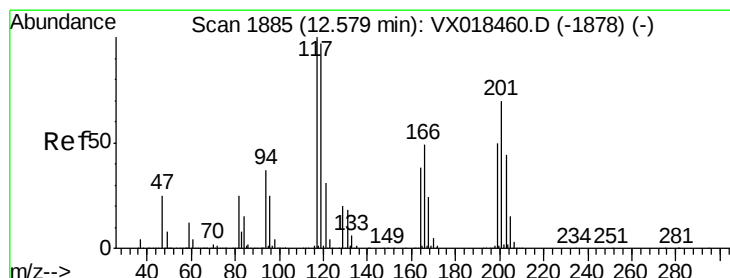
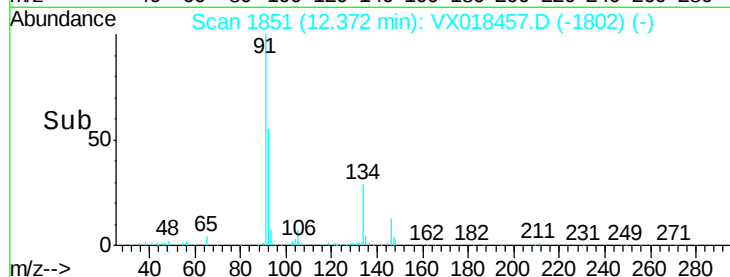
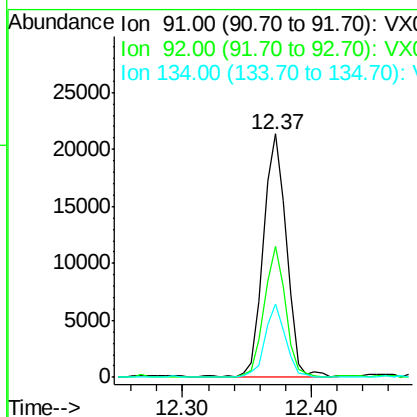
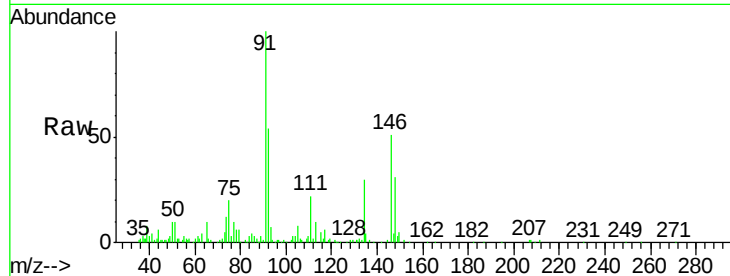




#89
n-Butylbenzene
Concen: 1.093 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

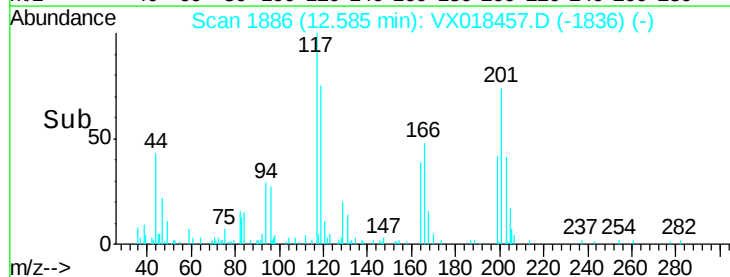
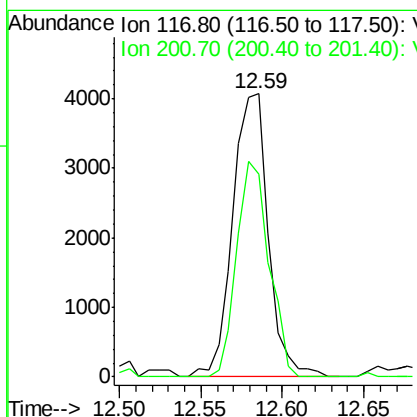
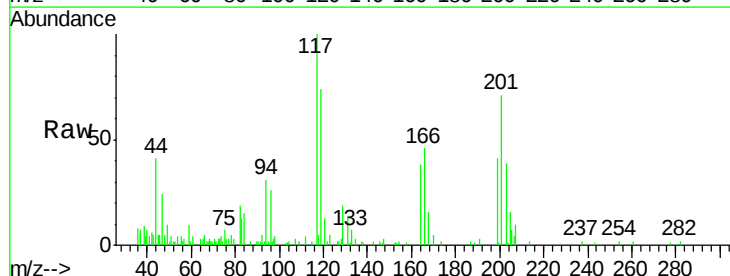
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

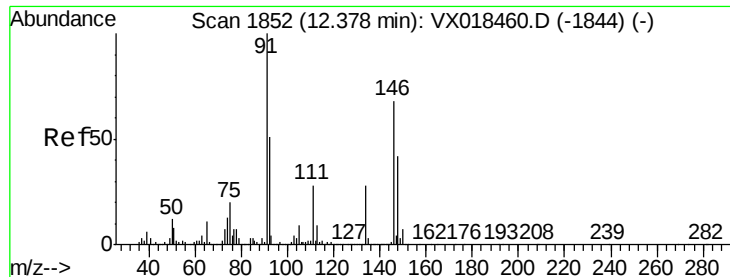
Tgt Ion: 91 Resp: 26589
Ion Ratio Lower Upper
91 100
92 49.7 26.1 78.2
134 26.9 13.3 39.8



#90
Hexachloroethane
Concen: 1.192 ug/l
RT: 12.59 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX018457.D
Acq: 17 Sep 2020 09:48

Tgt Ion: 117 Resp: 6209
Ion Ratio Lower Upper
117 100
201 69.2 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 1.115 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

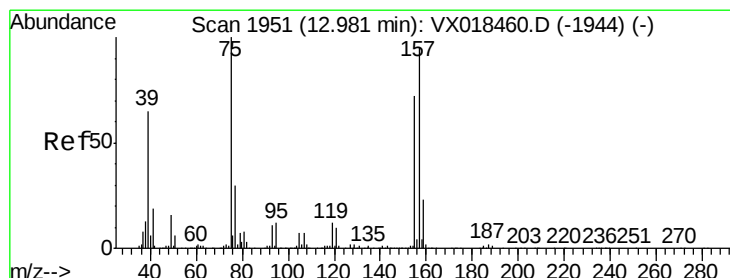
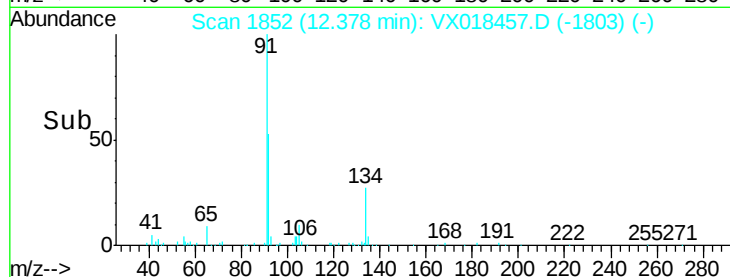
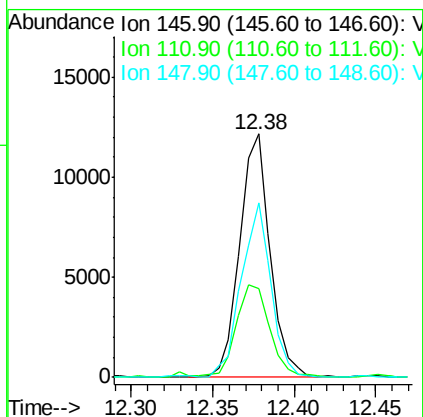
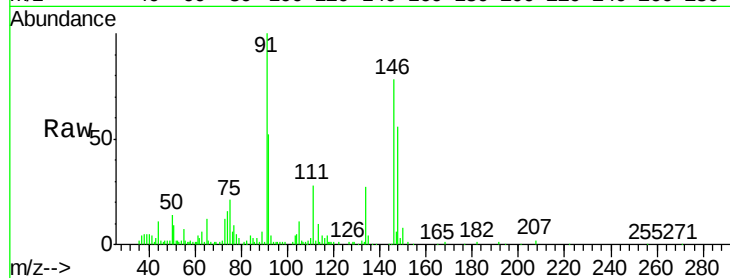
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	146	Resp:	15810
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.5	64.5
148	70.0	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.935 ug/l

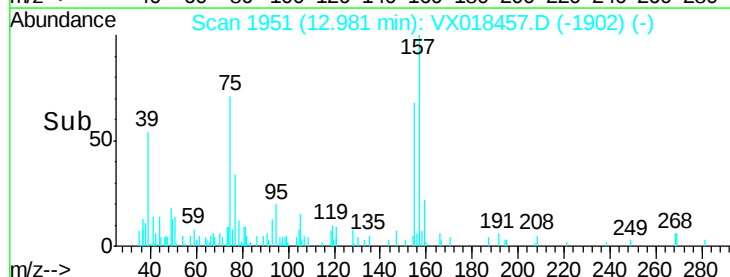
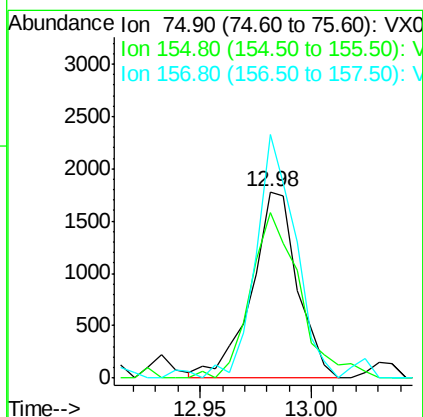
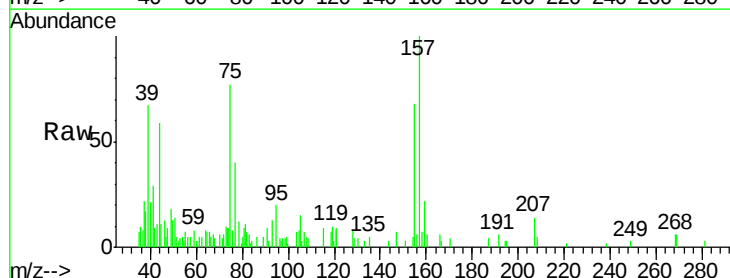
RT: 12.98 min Scan# 1951

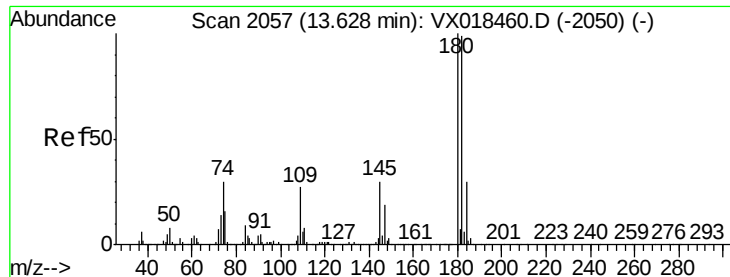
Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Tgt Ion:	75	Resp:	2554
Ion	Ratio	Lower	Upper
75	100		
155	95.3	38.8	116.4
157	112.1	51.1	153.3

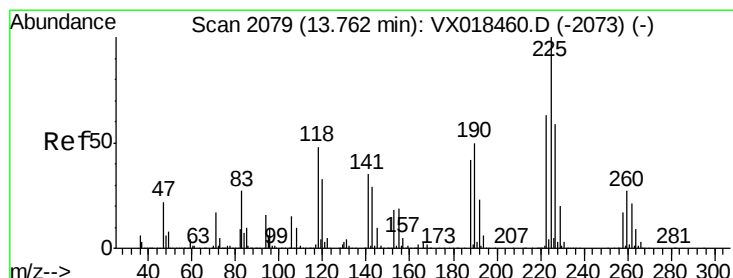
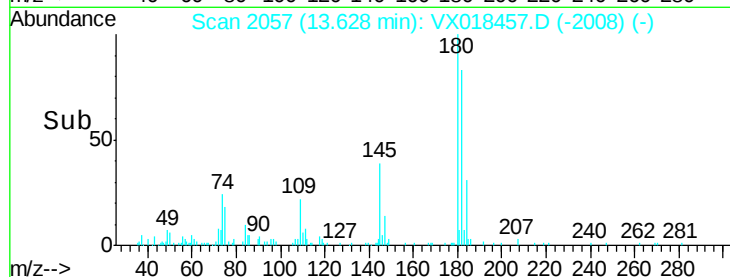
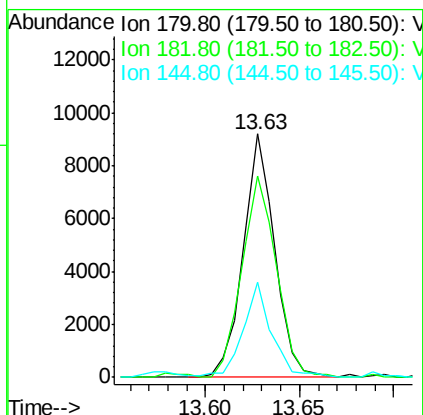
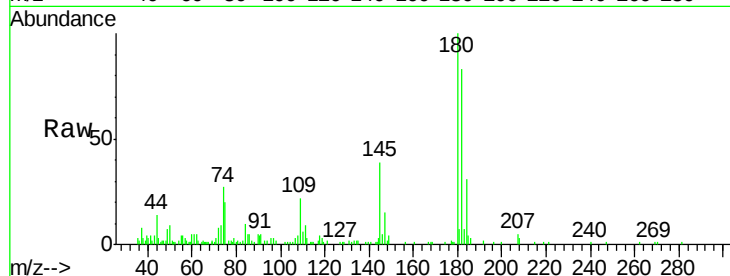




#93
 1,2,4-Trichlorobenzene
 Concen: 1.122 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

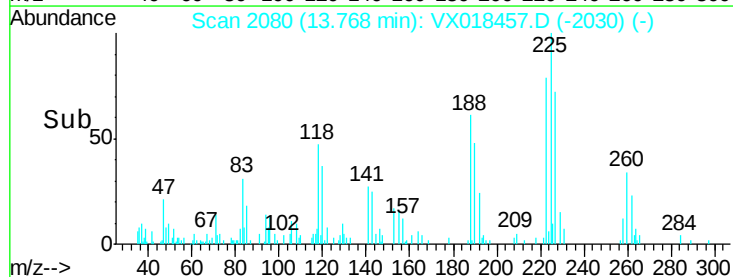
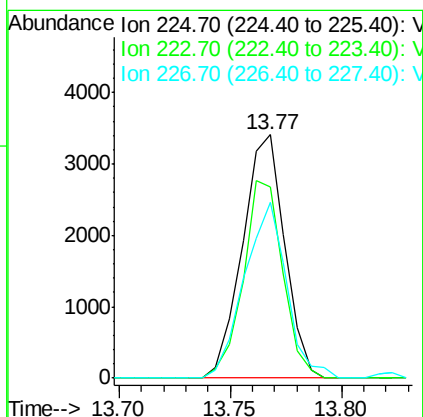
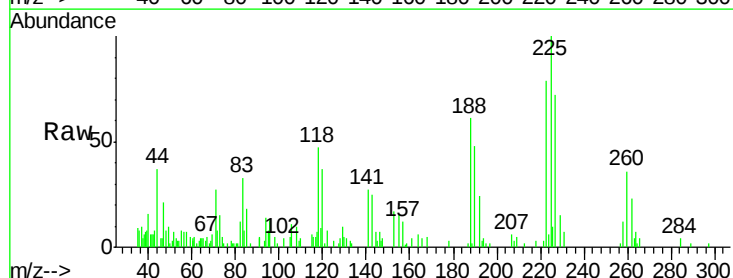
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

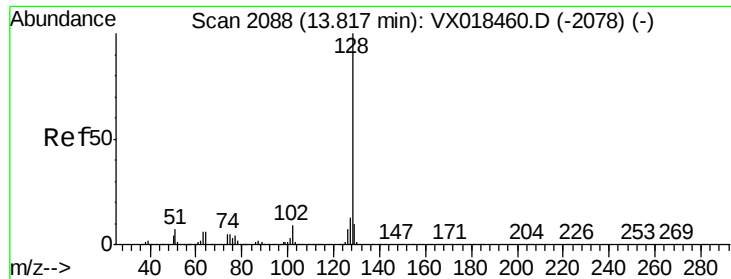
Tgt Ion:180 Resp: 10660
 Ion Ratio Lower Upper
 180 100
 182 90.7 50.2 150.6
 145 35.5 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 1.183 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018457.D
 Acq: 17 Sep 2020 09:48

Tgt Ion:225 Resp: 4507
 Ion Ratio Lower Upper
 225 100
 223 76.2 32.0 96.2
 227 72.2 31.7 95.1





#95

Naphthalene

Concen: 0.874 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

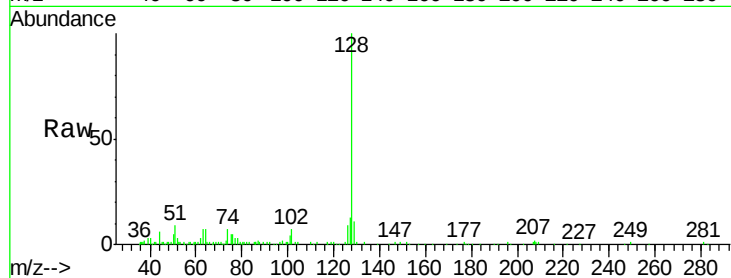
Tgt Ion:128 Resp: 27168

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

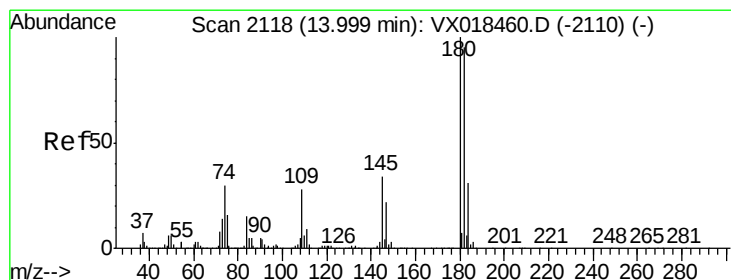
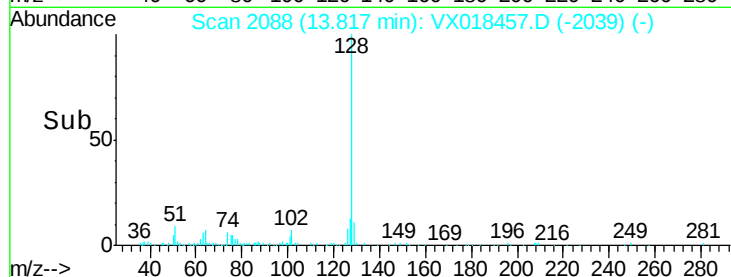
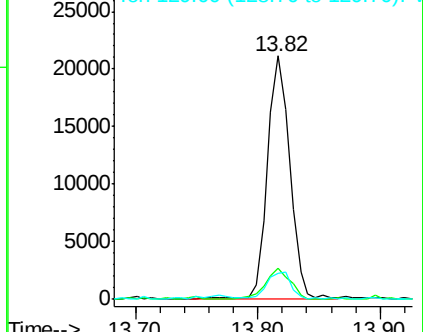
129 12.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.072 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018457.D

Acq: 17 Sep 2020 09:48

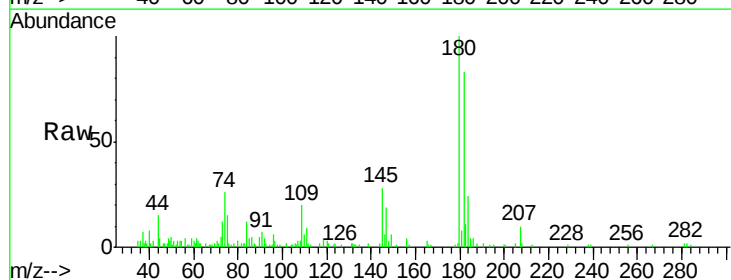
Tgt Ion:180 Resp: 10101

Ion Ratio Lower Upper

180 100

182 88.5 47.1 141.3

145 38.2 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

