

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091720\
 Data File : VX018458.D
 Acq On : 17 Sep 2020 10:21
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 17 11:54:02 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	5.62	168	580537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	921556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	865851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	459953	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	43965	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	5.46	113	33373	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
50) Toluene-d8	8.70	98	120710	5.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.42%	
62) 4-Bromofluorobenzene	11.12	95	47240	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	25483	3.758 ug/l	91
3) Chloromethane	1.31	50	30712	4.234 ug/l	99
4) Vinyl Chloride	1.39	62	33397	4.584 ug/l	100
5) Bromomethane	1.62	94	23459	6.331 ug/l	94
6) Chloroethane	1.71	64	19141	4.839 ug/l	98
7) Trichlorofluoromethane	1.92	101	53533	5.303 ug/l	91
8) Diethyl Ether	2.17	74	18940	5.518 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27273	4.974 ug/l	98
10) Methyl Iodide	2.49	142	16647	3.109 ug/l	94
11) Tert butyl alcohol	3.01	59	37997	24.677 ug/l	98
12) 1,1-Dichloroethene	2.36	96	27703	4.890 ug/l	93
13) Acrolein	2.28	56	22613	32.426 ug/l	97
14) Allyl chloride	2.71	41	54120	5.287 ug/l	98
15) Acrylonitrile	3.12	53	86568	24.430 ug/l	98
16) Acetone	2.42	43	76948	24.450 ug/l	98
17) Carbon Disulfide	2.55	76	82622	4.811 ug/l	97
18) Methyl Acetate	2.75	43	38860	5.111 ug/l	95
19) Methyl tert-butyl Ether	3.17	73	101533	5.209 ug/l	94
20) Methylene Chloride	2.84	84	36746	5.188 ug/l	89
21) trans-1,2-Dichloroethene	3.14	96	34120	5.409 ug/l	99
22) Diisopropyl ether	3.82	45	104146	5.176 ug/l	# 86
23) Vinyl Acetate	3.78	43	453616	25.346 ug/l	97
24) 1,1-Dichloroethane	3.67	63	59429	5.200 ug/l	97
25) 2-Butanone	4.63	43	122447	23.894 ug/l	96
26) 2,2-Dichloropropane	4.54	77	54572	5.734 ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	36697	5.054 ug/l	97
28) Bromochloromethane	4.97	49	28324	5.114 ug/l	96
29) Tetrahydrofuran	5.09	42	75665	23.258 ug/l	99
30) Chloroform	5.17	83	62047	5.240 ug/l	99
31) Cyclohexane	5.54	56	50152	5.184 ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	58604	5.365 ug/l	99
36) 1,1-Dichloropropene	5.76	75	44433	5.200 ug/l	95
37) Ethyl Acetate	4.79	43	46288	4.695 ug/l	# 90
38) Carbon Tetrachloride	5.75	117	52438	5.437 ug/l	94

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 Data File : VX018458.D
 Acq On : 17 Sep 2020 10:21
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 17 11:54:02 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	47715	5.086	ug/l	90
40) Benzene	6.11	78	133231	5.319	ug/l	98
41) Methacrylonitrile	5.01	41	25675	4.752	ug/l	95
42) 1,2-Dichloroethane	6.16	62	52900	5.495	ug/l	95
43) Isopropyl Acetate	6.41	43	79860	5.016	ug/l	98
44) Trichloroethene	7.19	130	39221	5.526	ug/l	92
45) 1,2-Dichloropropane	7.48	63	35451	5.269	ug/l	96
46) Dibromomethane	7.63	93	23622	4.969	ug/l	95
47) Bromodichloromethane	7.87	83	50505	5.335	ug/l	95
48) Methyl methacrylate	7.74	41	37646	4.753	ug/l	99
49) 1,4-Dioxane	7.71	88	13018	93.854	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	233613	23.904	ug/l	98
52) Toluene	8.76	92	84011	5.309	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	55598	5.287	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	57066	5.120	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	35589	5.284	ug/l	93
56) Ethyl methacrylate	9.16	69	46134	4.599	ug/l	94
57) 1,3-Dichloropropane	9.35	76	57752	5.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	134966	28.964	ug/l	98
59) 2-Hexanone	9.47	43	175422	23.631	ug/l	98
60) Dibromochloromethane	9.56	129	40085	5.065	ug/l	94
61) 1,2-Dibromoethane	9.65	107	34323	4.696	ug/l	90
64) Tetrachloroethene	9.32	164	37065	5.797	ug/l	95
65) Chlorobenzene	10.12	112	91859	5.301	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	36696	5.362	ug/l	96
67) Ethyl Benzene	10.23	91	158351	5.356	ug/l	98
68) m/p-Xylenes	10.34	106	117332	10.669	ug/l	98
69) o-Xylene	10.68	106	55855	5.228	ug/l	97
70) Styrene	10.70	104	94670	5.188	ug/l	98
71) Bromoform	10.84	173	29175	5.001	ug/l #	99
73) Isopropylbenzene	11.00	105	149923	4.960	ug/l	100
74) N-amyl acetate	10.88	43	62468	4.401	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	51217	4.814	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	62439	6.147	ug/l	83
77) Bromobenzene	11.24	156	42211	5.035	ug/l	99
78) n-propylbenzene	11.34	91	175227	5.069	ug/l	100
79) 2-Chlorotoluene	11.40	91	106678	5.018	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	130447	5.231	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	17737	4.689	ug/l	92
82) 4-Chlorotoluene	11.49	91	130570	5.160	ug/l	100
83) tert-Butylbenzene	11.76	119	122781	4.978	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	127687	5.003	ug/l	98
85) sec-Butylbenzene	11.93	105	146251	5.200	ug/l	100
86) p-Isopropyltoluene	12.05	119	132812	5.134	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	80053	5.407	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	77500	5.226	ug/l	92
89) n-Butylbenzene	12.37	91	122661	5.169	ug/l	99
90) Hexachloroethane	12.58	117	25644	5.045	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	73209	5.291	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11206	4.206	ug/l	96

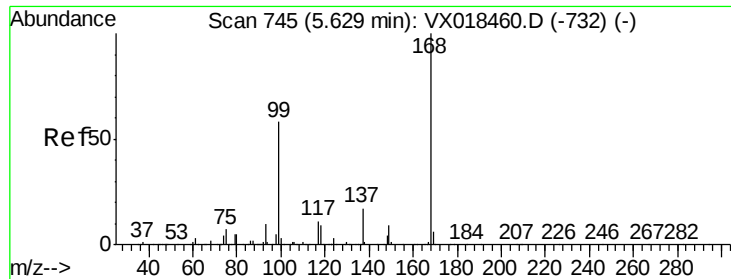
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091720\
Data File : VX018458.D
Acq On : 17 Sep 2020 10:21
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 17 11:54:02 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.63	180	48443	5.223	ug/l	96
94) Hexachlorobutadiene	13.77	225	20244	5.447	ug/l	95
95) Naphthalene	13.82	128	137225	4.524	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	47425	5.155	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

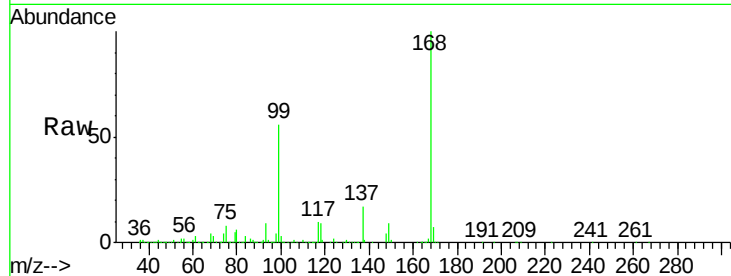
VSTDIC005

Tgt Ion:168 Resp: 580537

Ion Ratio Lower Upper

168 100

99 56.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

150000

100000

50000

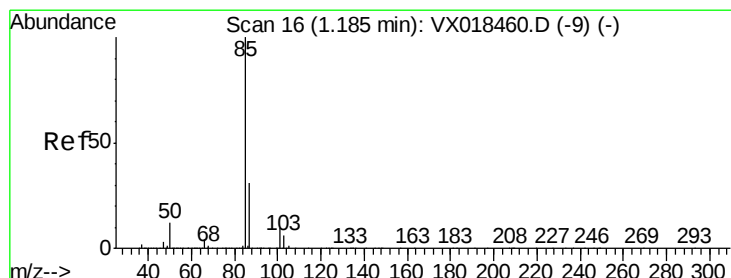
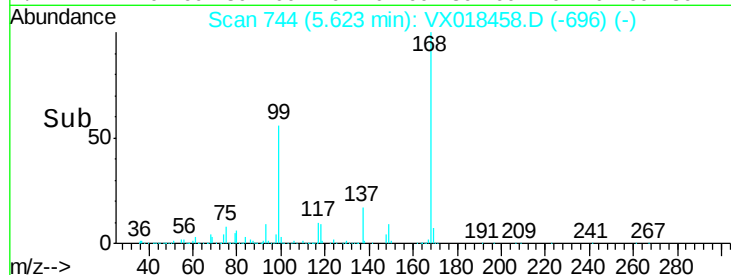
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 3.758 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018458.D

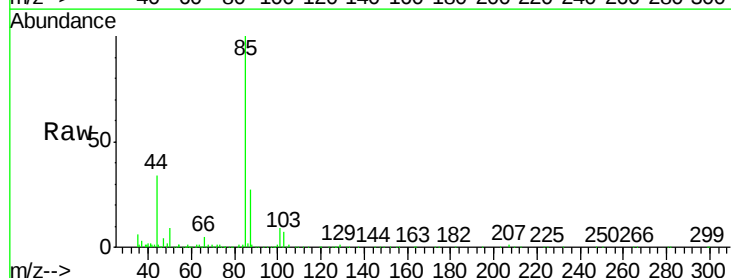
Acq: 17 Sep 2020 10:21

Tgt Ion: 85 Resp: 25483

Ion Ratio Lower Upper

85 100

87 26.4 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

30000

20000

10000

0

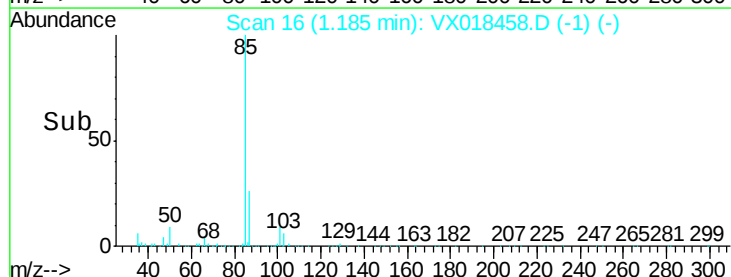
Time-->

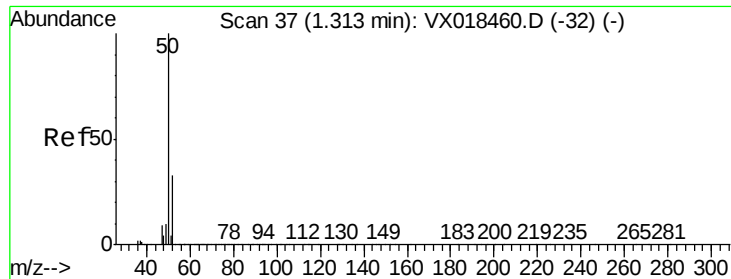
1.10

1.15

1.20

1.25

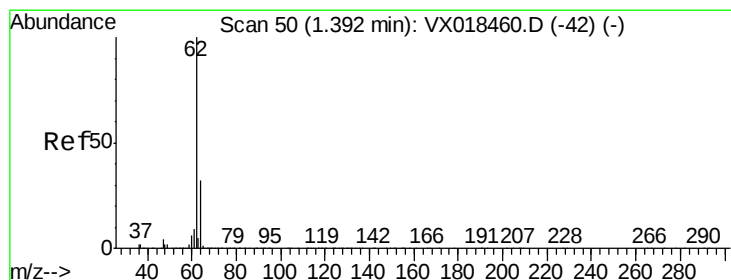
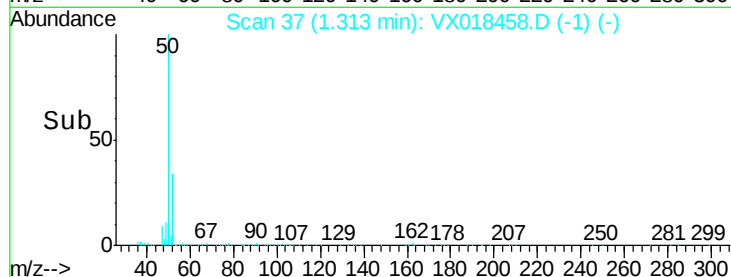
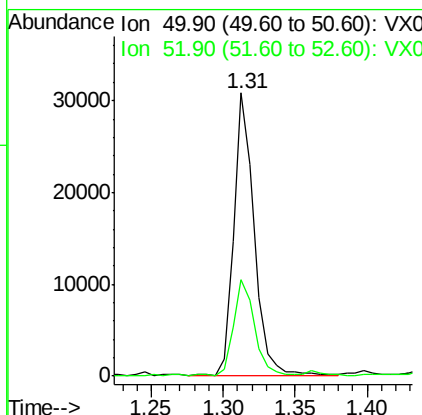
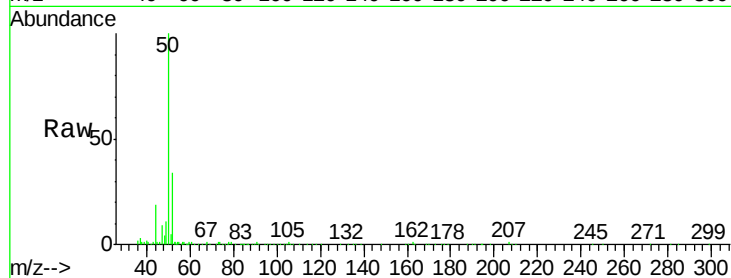




#3
Chloromethane
Concen: 4.234 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

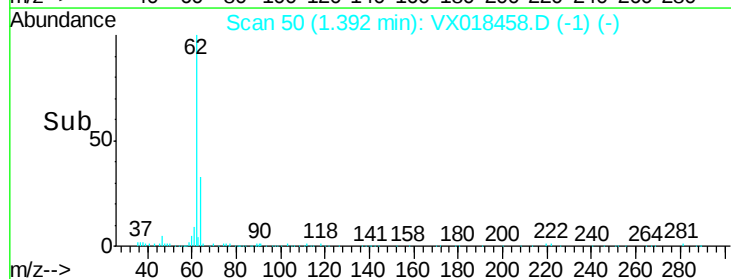
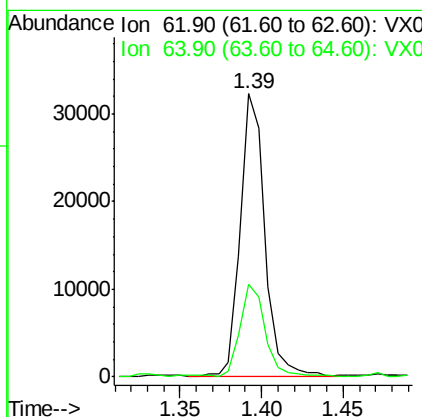
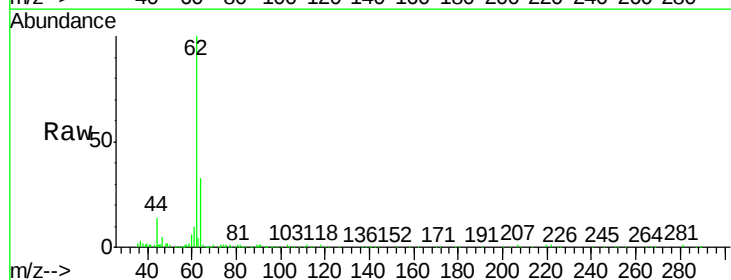
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

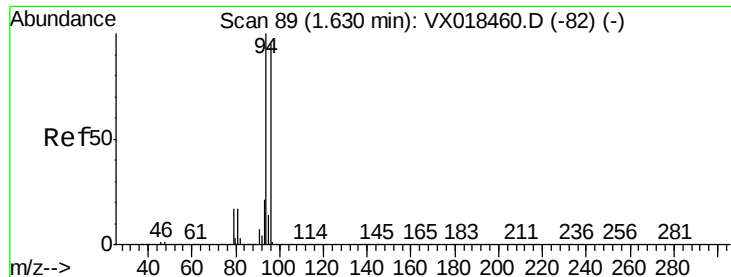
Tgt Ion: 50 Resp: 30712
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 4.584 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion: 62 Resp: 33397
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5





#5

Bromomethane

Concen: 6.331 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

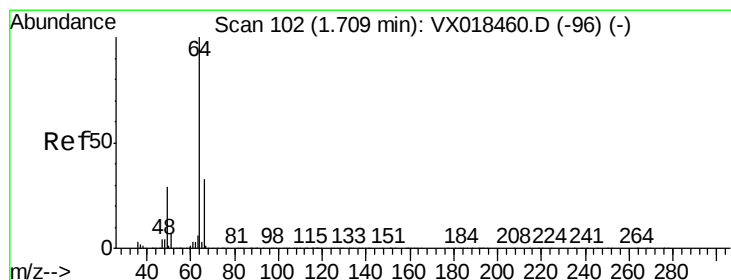
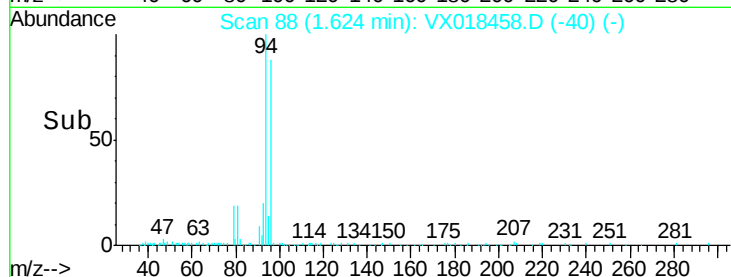
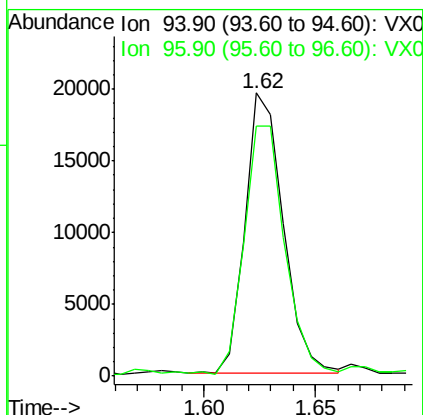
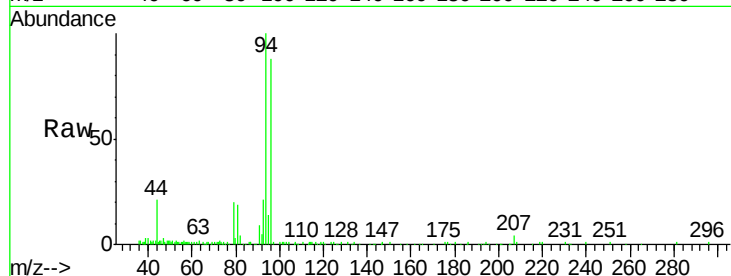
VSTDIC005

Tgt Ion: 94 Resp: 23459

Ion Ratio Lower Upper

94 100

96 88.3 75.5 113.3



#6

Chloroethane

Concen: 4.839 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018458.D

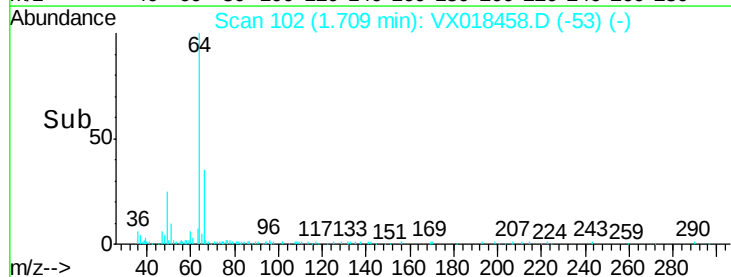
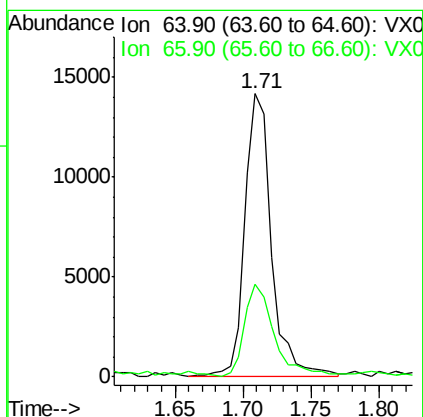
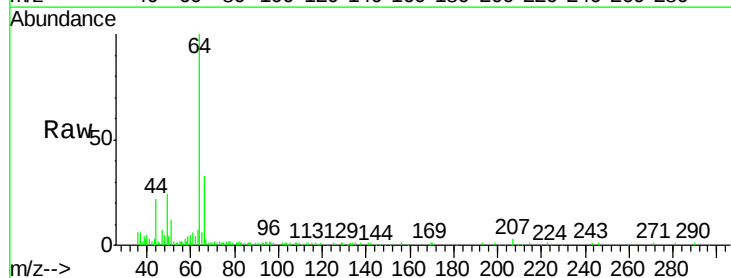
Acq: 17 Sep 2020 10:21

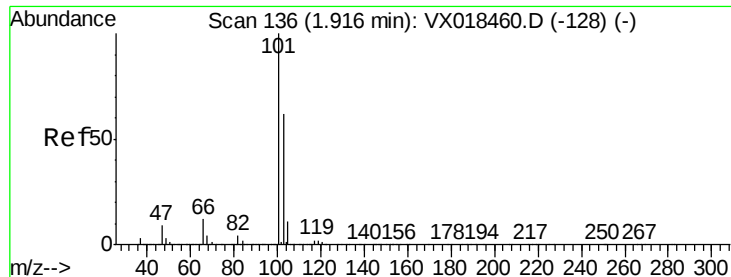
Tgt Ion: 64 Resp: 19141

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.4



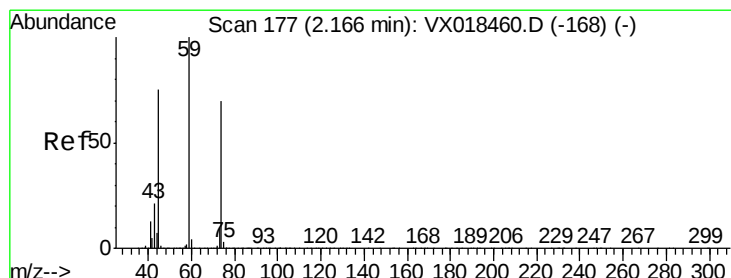
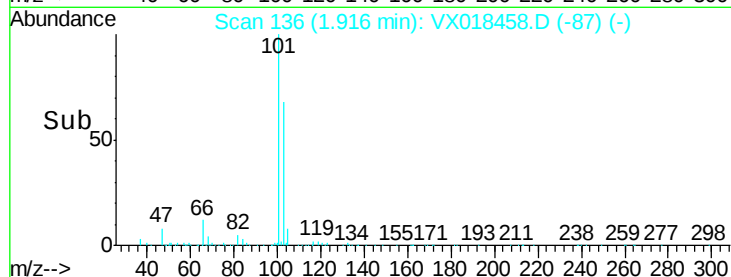
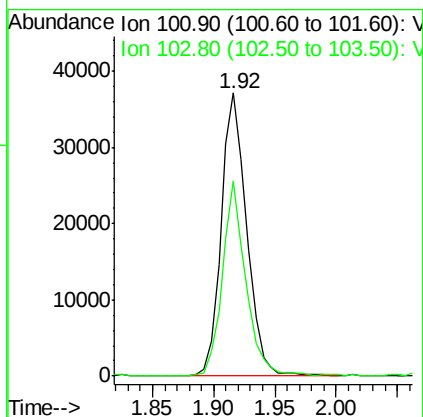
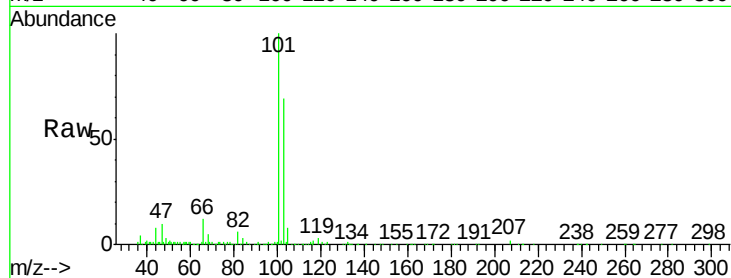


#7

Trichlorofluoromethane
Concen: 5.303 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

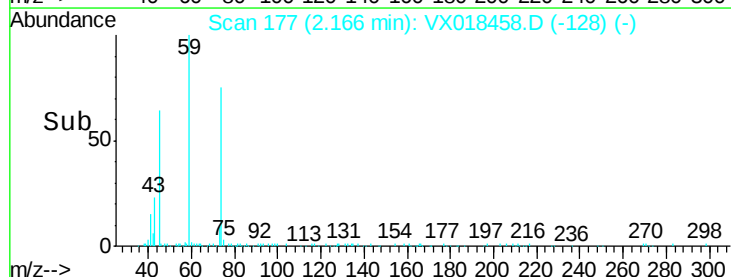
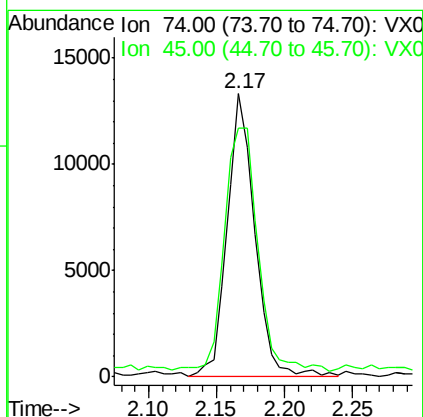
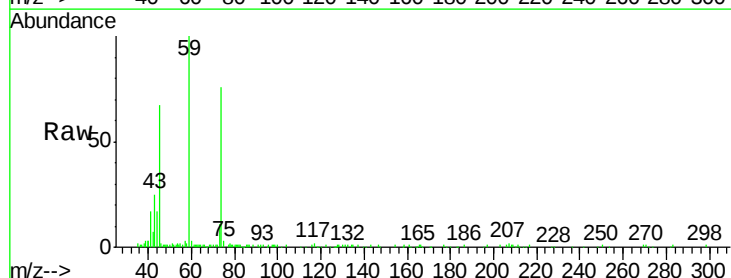
Tgt Ion:101 Resp: 53533
Ion Ratio Lower Upper
101 100
103 68.7 49.6 74.4

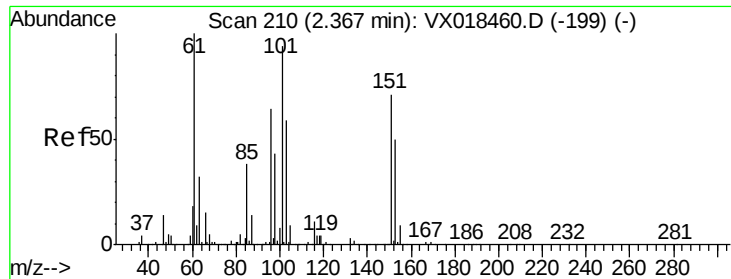


#8

Diethyl Ether
Concen: 5.518 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion: 74 Resp: 18940
Ion Ratio Lower Upper
74 100
45 102.5 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.974 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

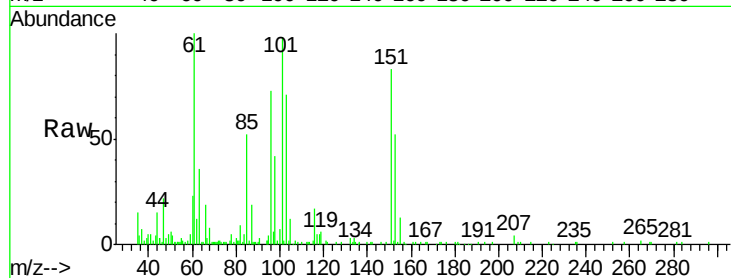
Tgt Ion:101 Resp: 27273

Ion Ratio Lower Upper

101 100

85 44.3 34.7 52.1

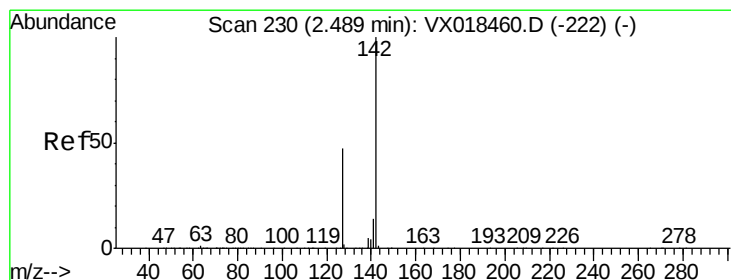
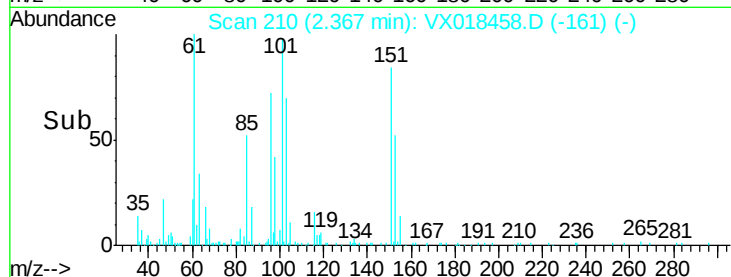
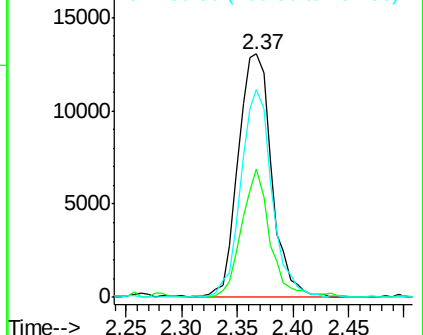
151 79.5 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.109 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

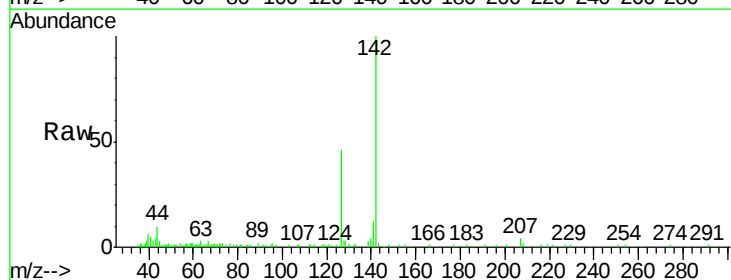
Tgt Ion:142 Resp: 16647

Ion Ratio Lower Upper

142 100

127 49.1 36.0 54.0

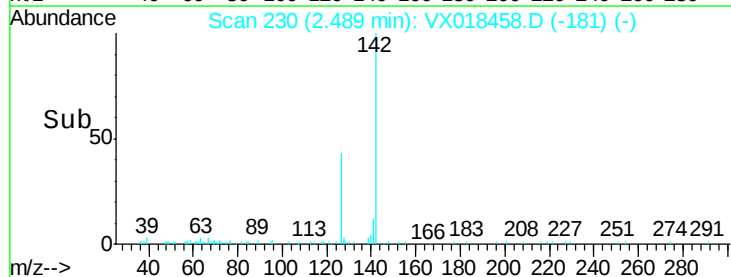
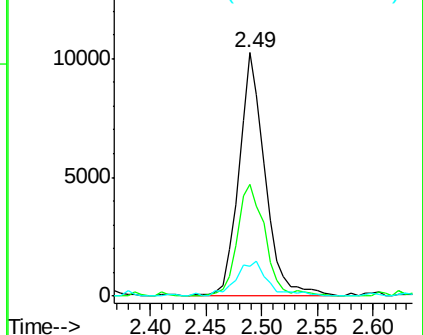
141 17.2 11.9 17.9

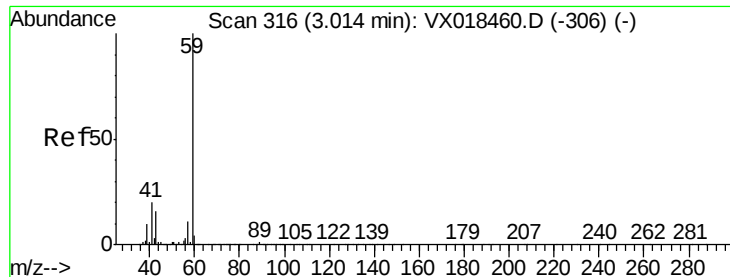


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



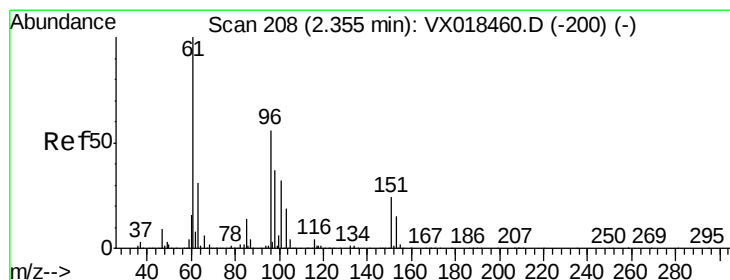
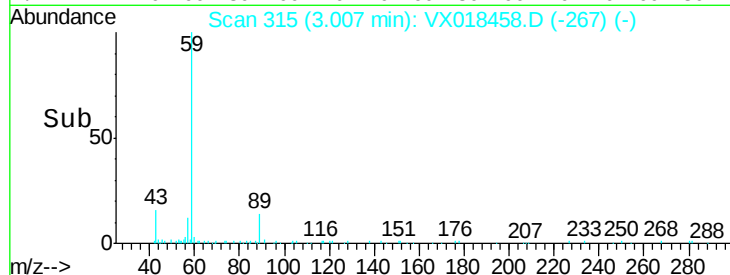
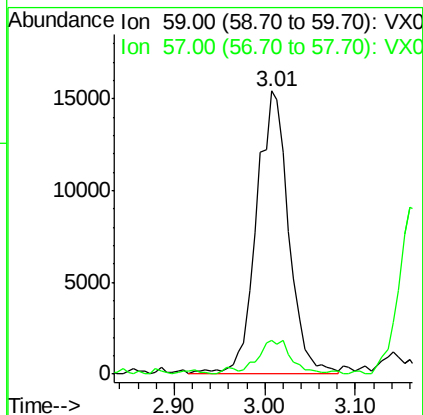
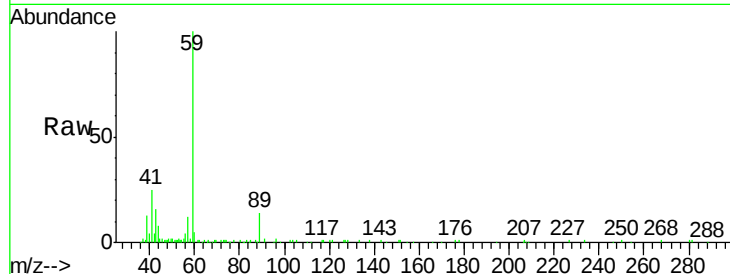


#11

Tert butyl alcohol
 Concen: 24.677 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

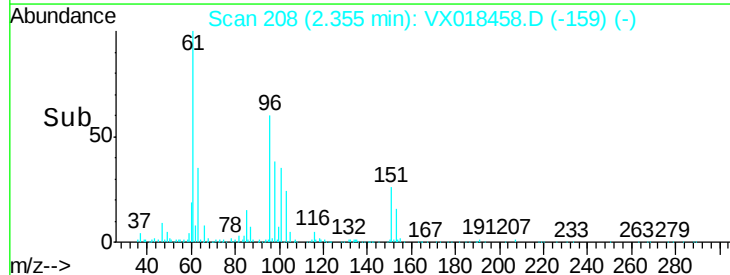
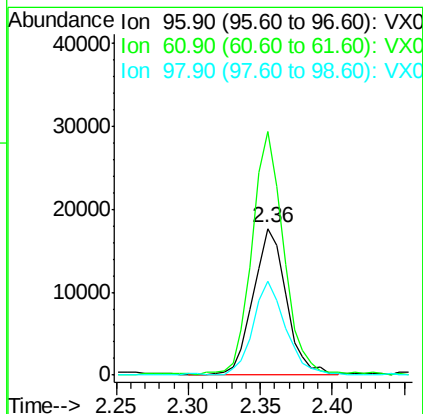
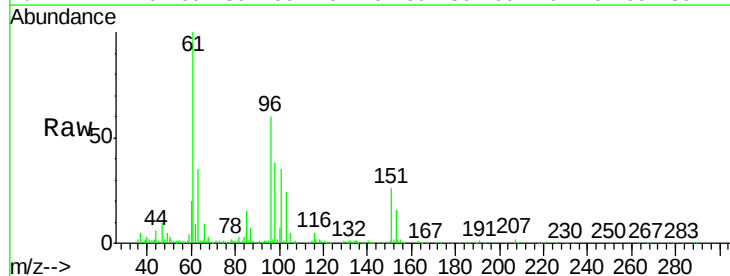
Tgt Ion: 59 Resp: 37997
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.2 12.4

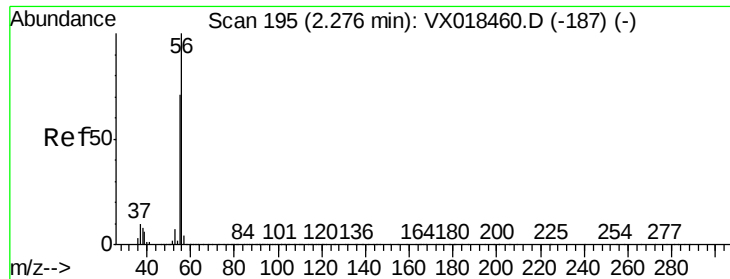


#12

1,1-Dichloroethene
 Concen: 4.890 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion: 96 Resp: 27703
 Ion Ratio Lower Upper
 96 100
 61 165.5 142.2 213.4
 98 63.0 52.4 78.6





#13

Acrolein

Concen: 32.426 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

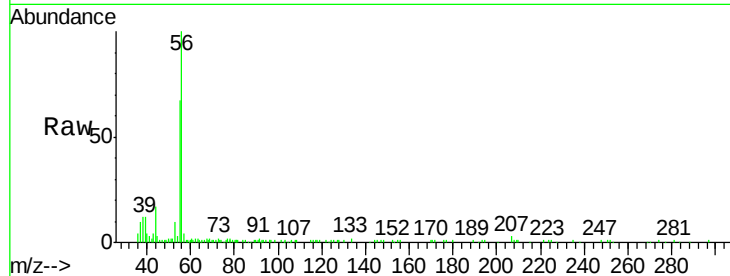
VSTDIC005

Tgt Ion: 56 Resp: 22613

Ion Ratio Lower Upper

56 100

55 75.1 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

15000

10000

5000

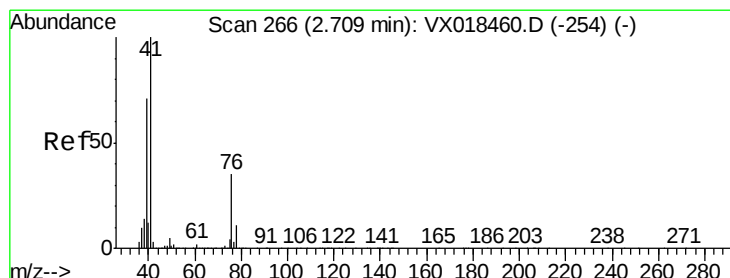
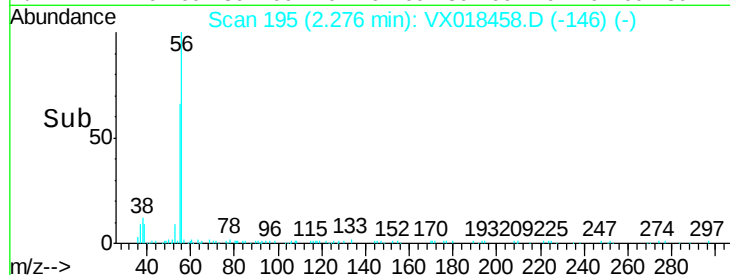
0

2.20

2.25

2.30

Time-->



#14

Allyl chloride

Concen: 5.287 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

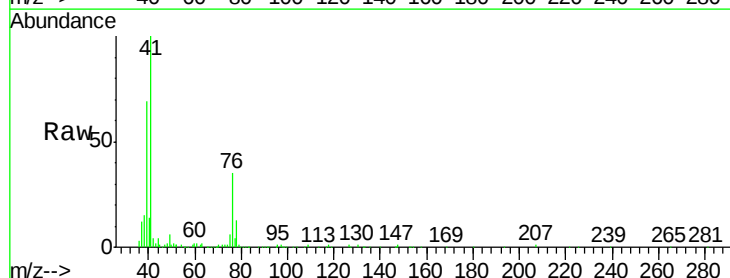
Tgt Ion: 41 Resp: 54120

Ion Ratio Lower Upper

41 100

39 66.1 51.1 76.7

76 32.2 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

20000

10000

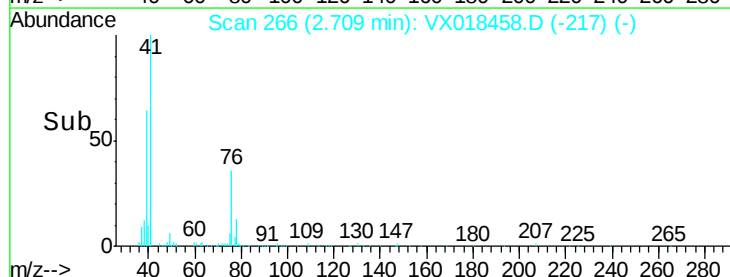
0

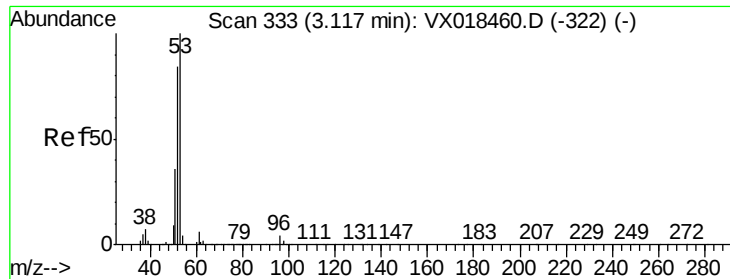
2.60

2.70

2.80

Time-->

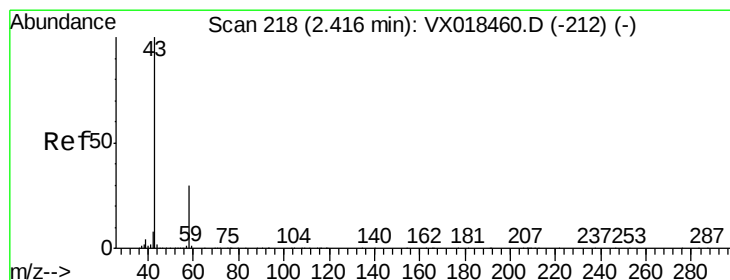
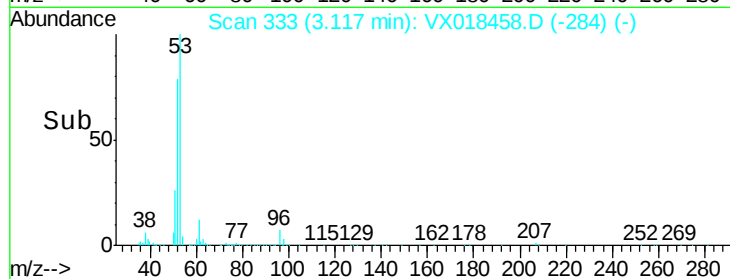
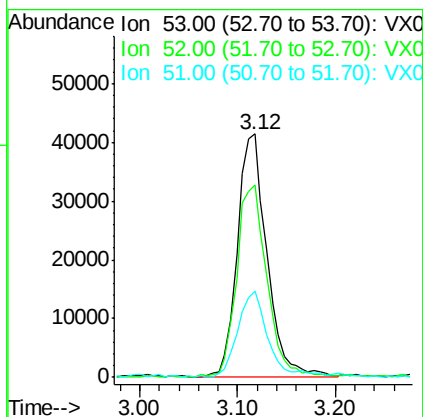
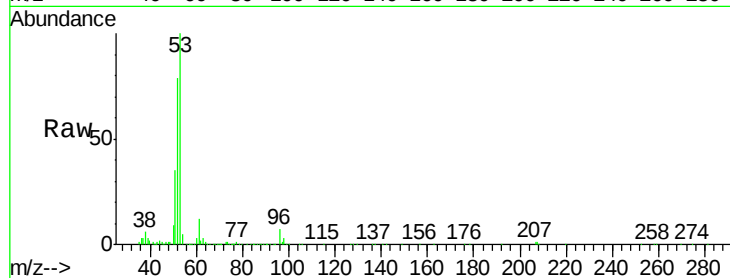




#15
Acrylonitrile
Concen: 24.430 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

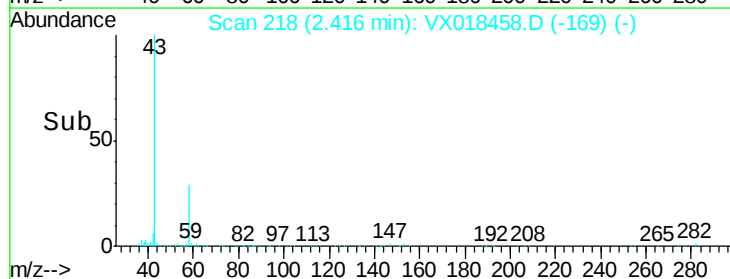
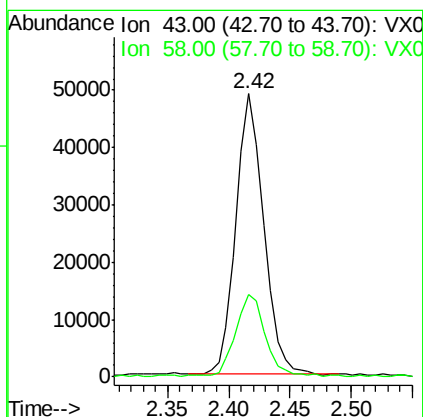
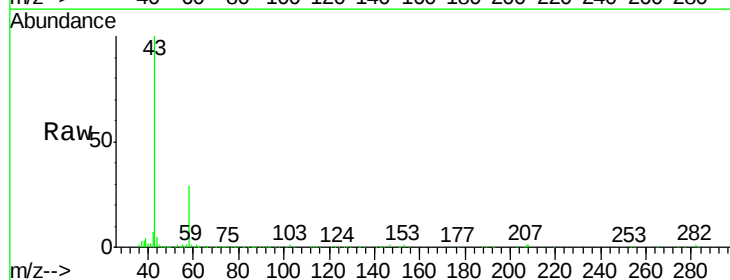
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

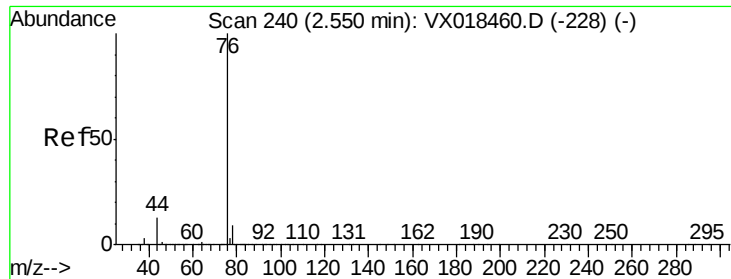
Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.8	98.8
51	35.7	29.2	43.8



#16
Acetone
Concen: 24.450 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.0	36.0

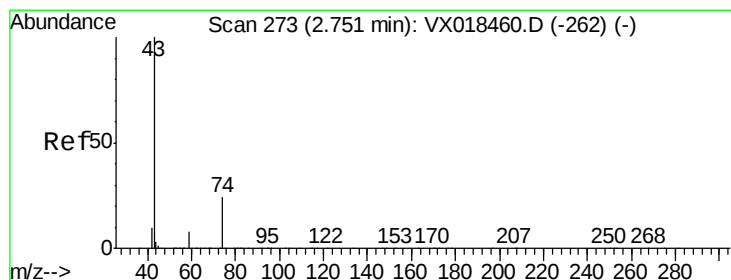
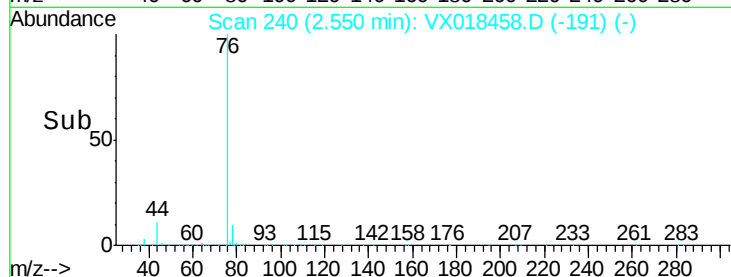
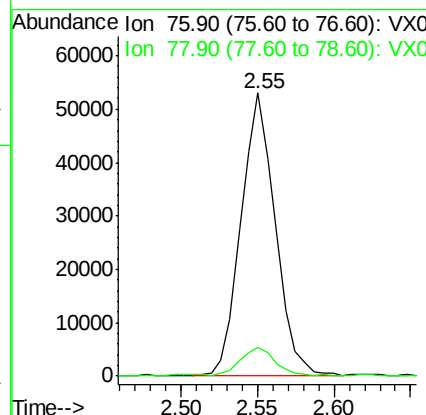
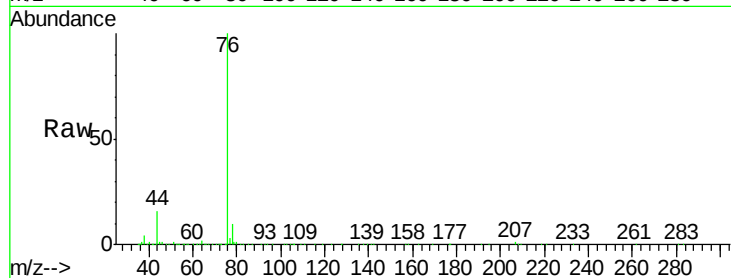




#17
Carbon Disulfide
Concen: 4.811 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

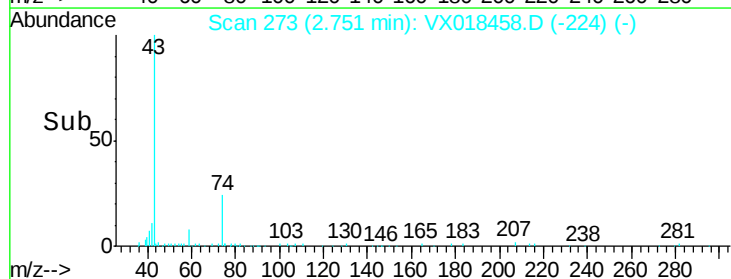
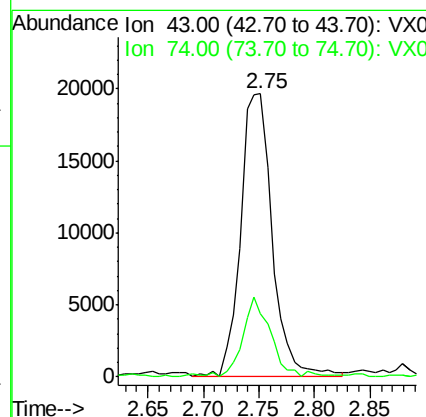
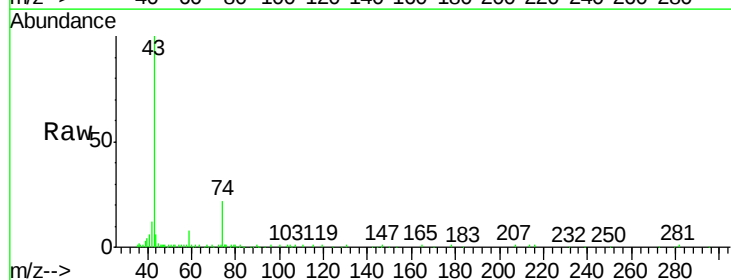
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

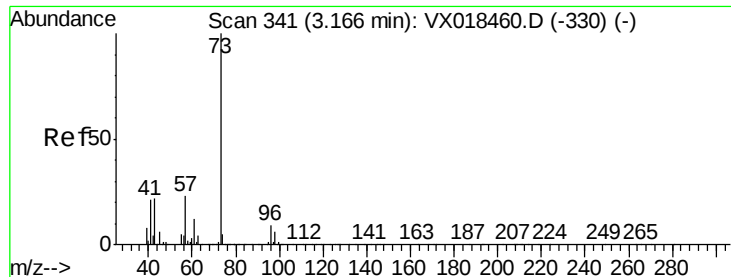
Tgt Ion: 76 Resp: 82622
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 5.111 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion: 43 Resp: 38860
Ion Ratio Lower Upper
43 100
74 25.5 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 5.209 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

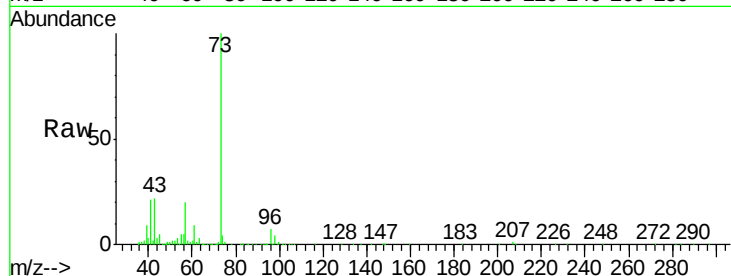
VSTDIC005

Tgt Ion: 73 Resp: 101533

Ion Ratio Lower Upper

73 100

57 19.8 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.17

40000

30000

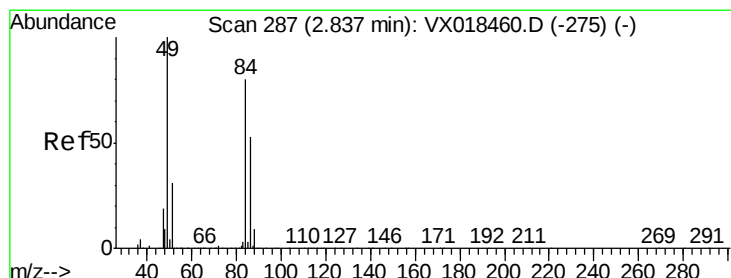
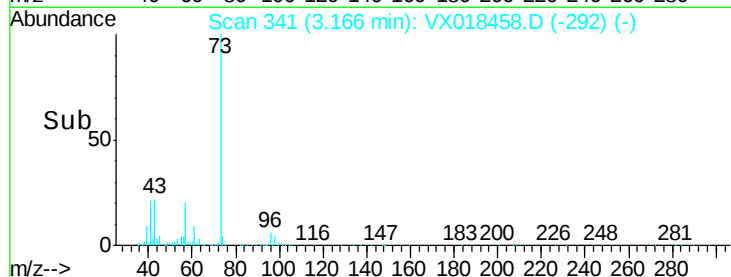
20000

10000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 5.188 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion: 84 Resp: 36746

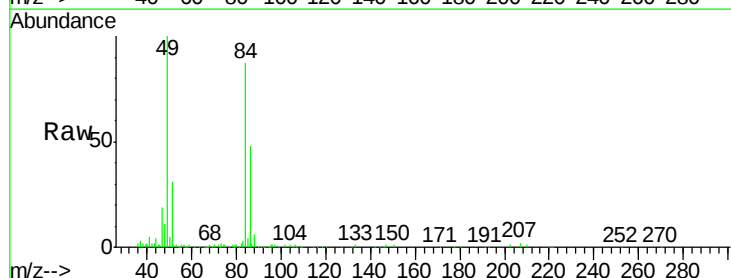
Ion Ratio Lower Upper

84 100

49 114.2 100.6 151.0

51 34.6 30.9 46.3

86 55.1 53.5 80.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.84

30000

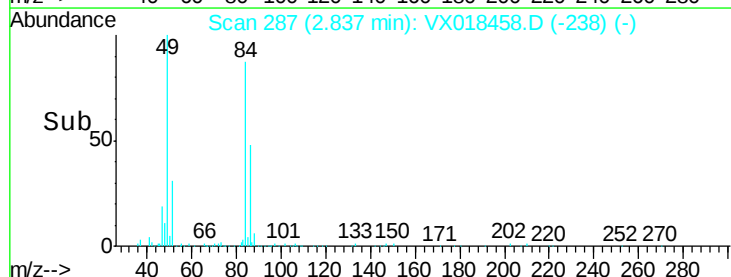
20000

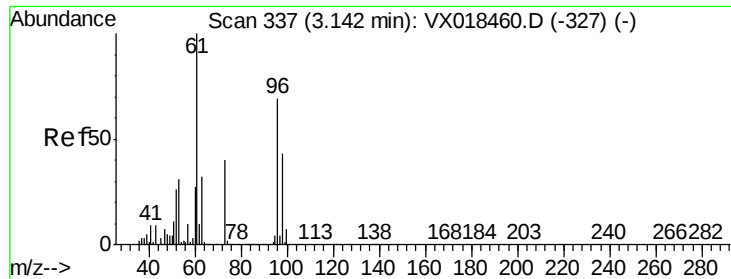
10000

0

Time-->

2.75 2.80 2.85 2.90





#21

trans-1,2-Dichloroethene

Concen: 5.409 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

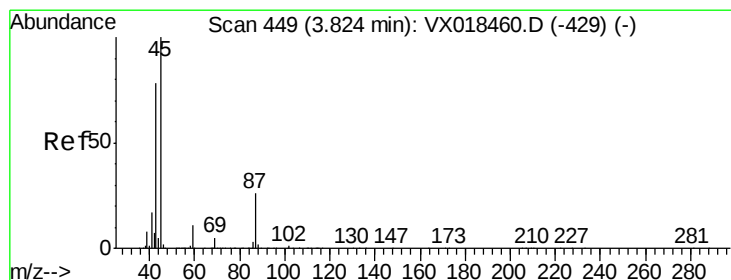
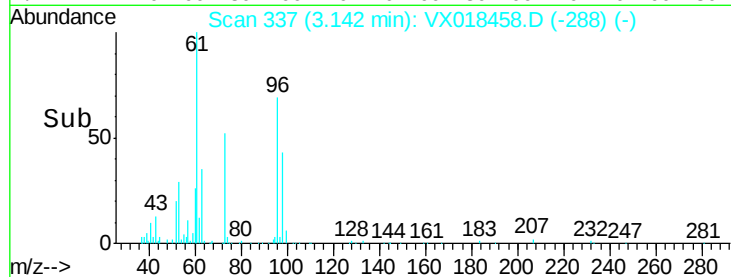
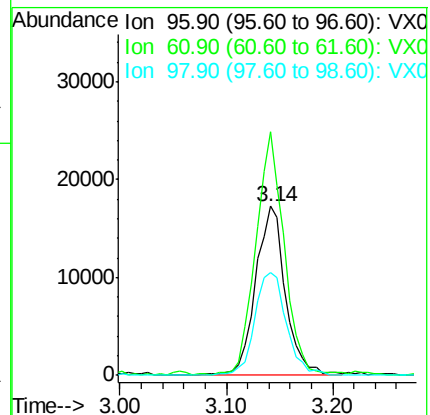
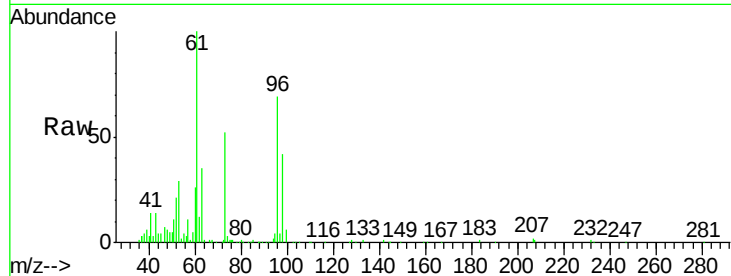
Tgt Ion: 96 Resp: 34120

Ion Ratio Lower Upper

96 100

61 143.5 115.6 173.4

98 60.9 50.2 75.4



#22

Diisopropyl ether

Concen: 5.176 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion: 45 Resp: 104146

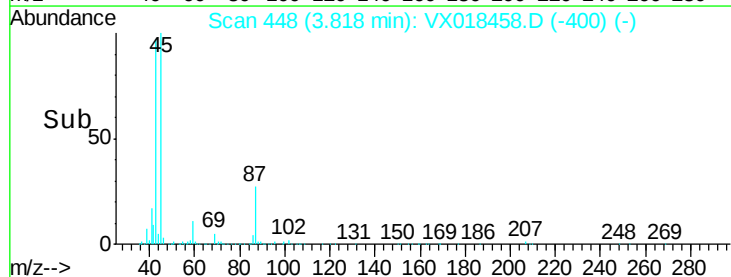
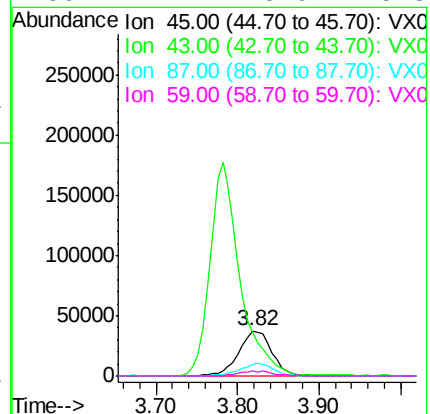
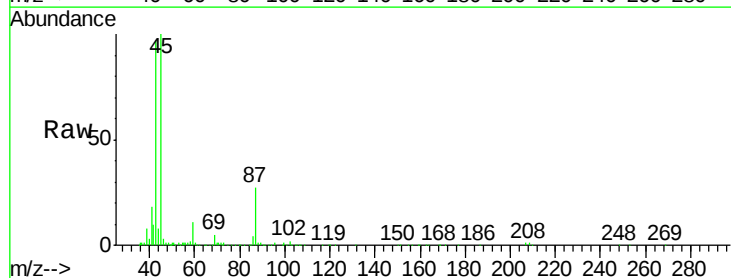
Ion Ratio Lower Upper

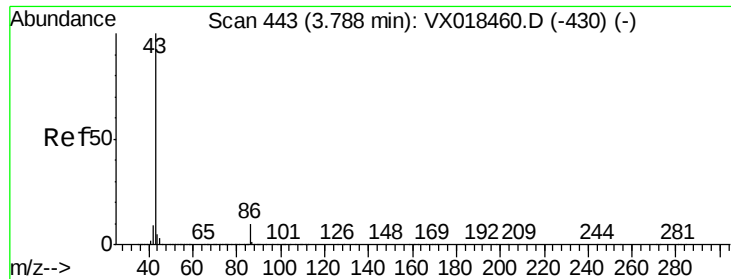
45 100

43 96.0 62.4 93.6#

87 27.0 21.2 31.8

59 11.2 8.9 13.3





#23

Vinyl Acetate

Concen: 25.346 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

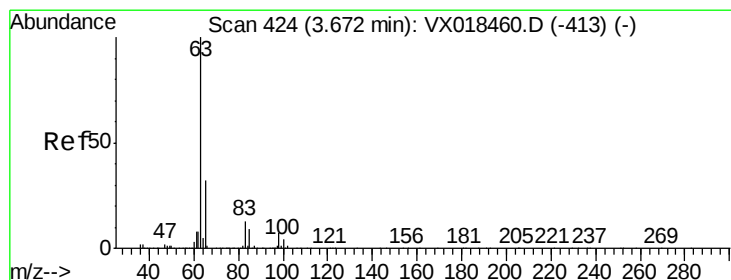
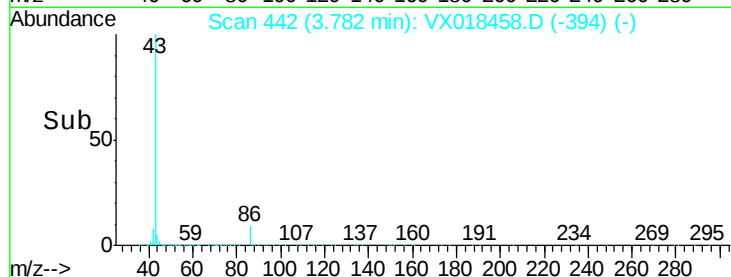
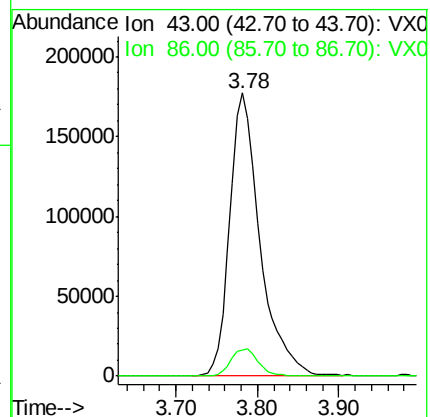
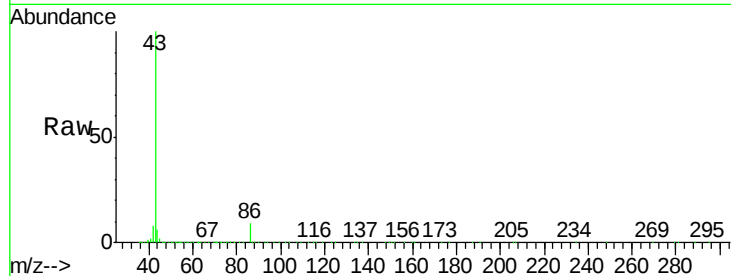
VSTDIC005

Tgt Ion: 43 Resp: 453616

Ion Ratio Lower Upper

43 100

86 9.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 5.200 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

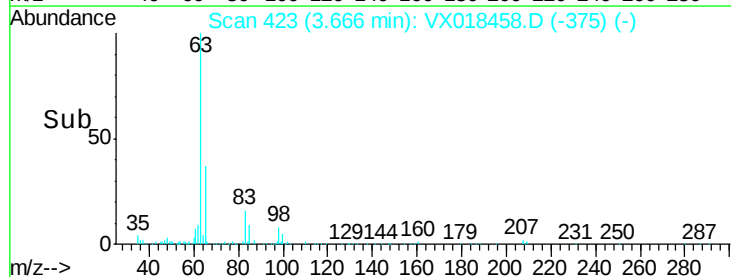
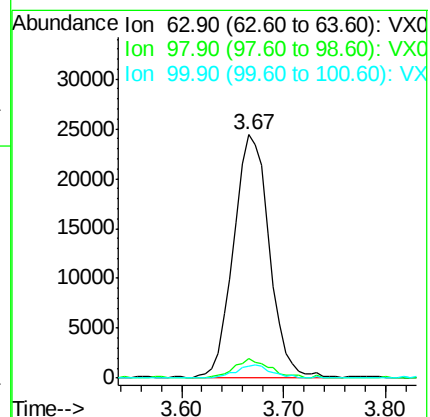
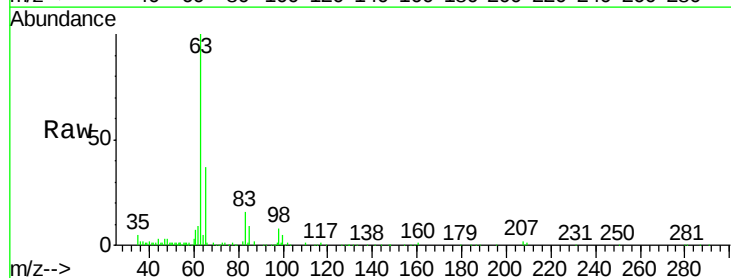
Tgt Ion: 63 Resp: 59429

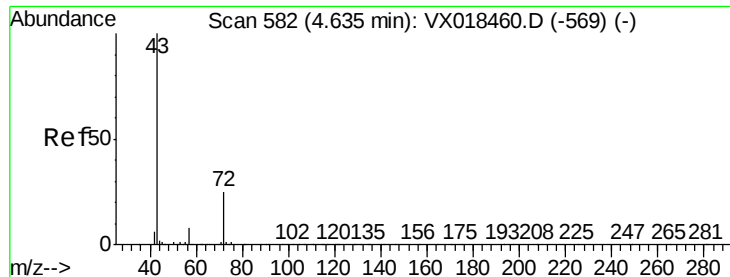
Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.6

100 4.9 1.9 5.7





#25

2-Butanone

Concen: 23.894 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

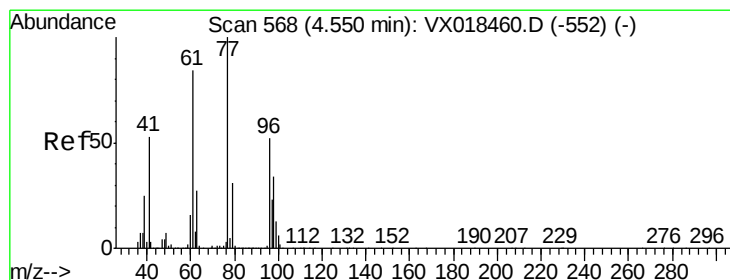
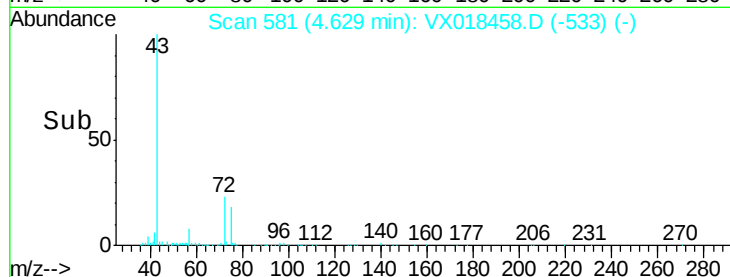
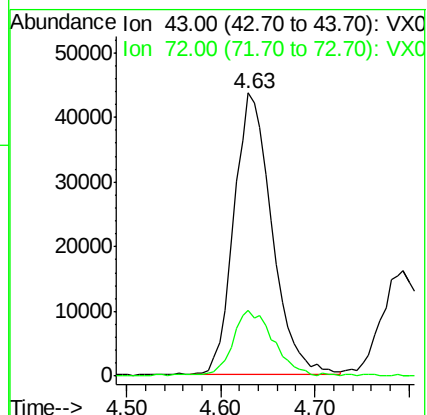
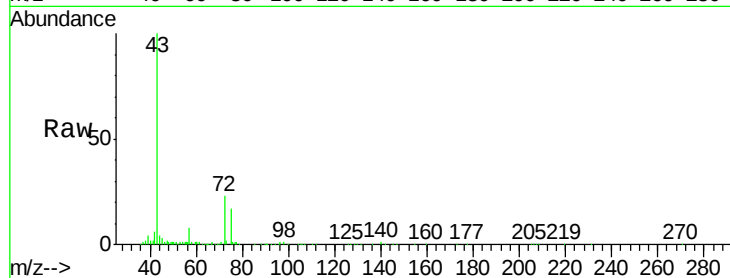
VSTDIC005

Tgt Ion: 43 Resp: 122447

Ion Ratio Lower Upper

43 100

72 23.1 20.2 30.4



#26

2,2-Dichloropropane

Concen: 5.734 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018458.D

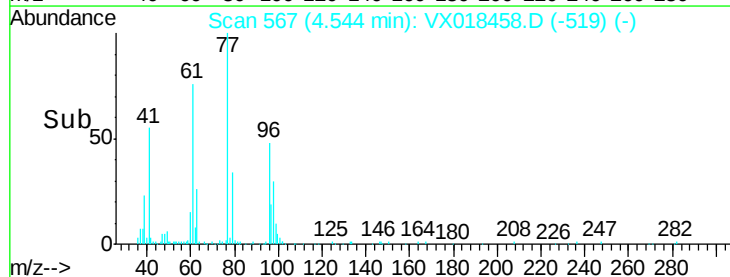
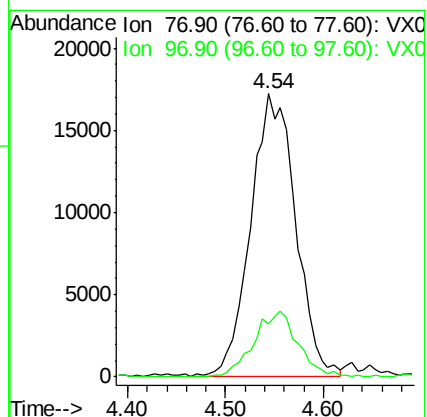
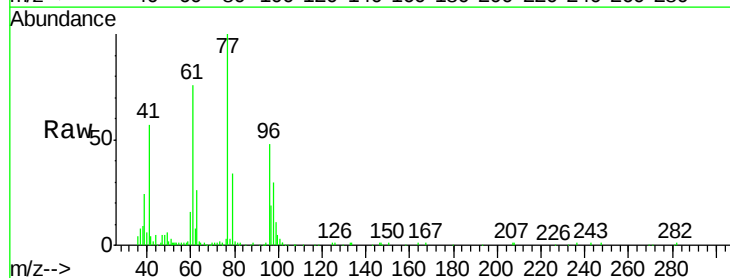
Acq: 17 Sep 2020 10:21

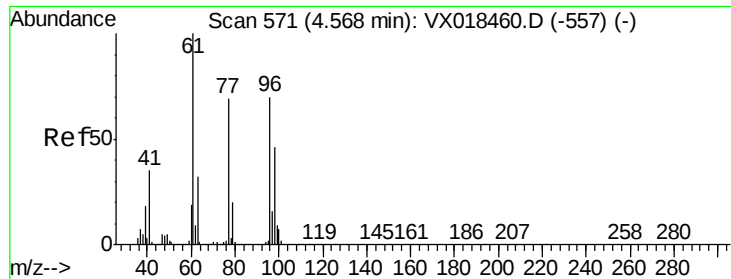
Tgt Ion: 77 Resp: 54572

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 5.054 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

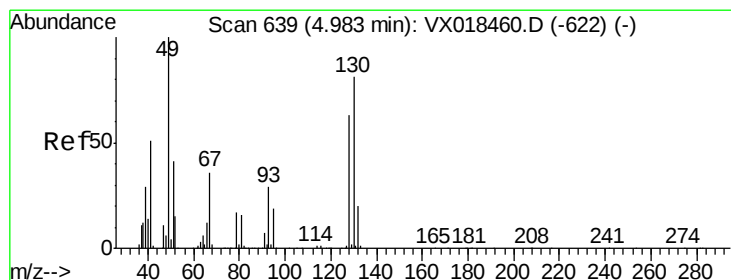
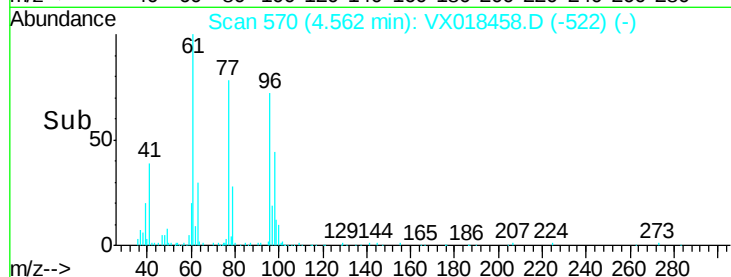
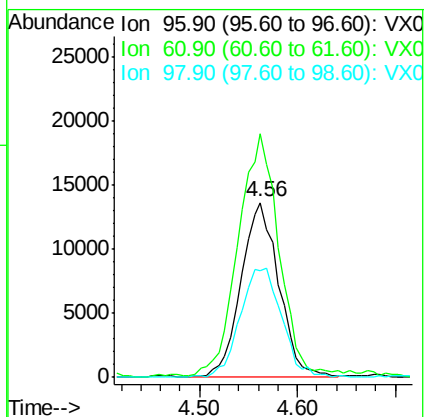
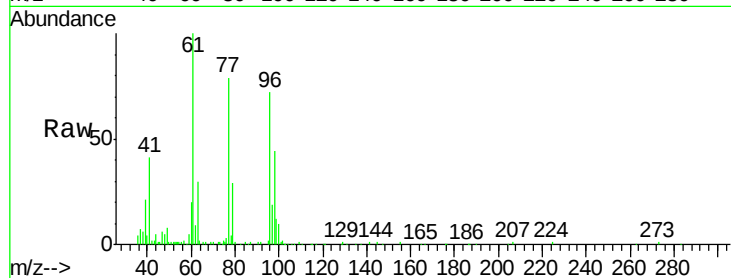
Tgt Ion: 96 Resp: 36697

Ion Ratio Lower Upper

96 100

61 147.1 0.0 300.0

98 68.3 0.0 130.4



#28

Bromochloromethane

Concen: 5.114 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

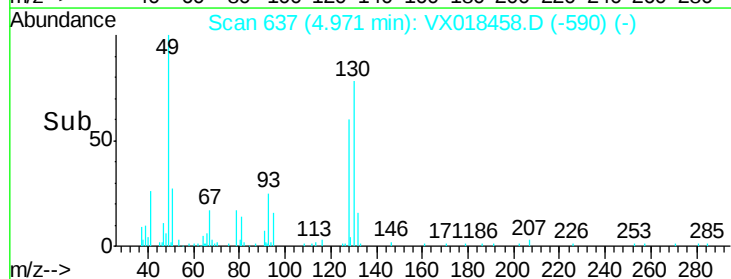
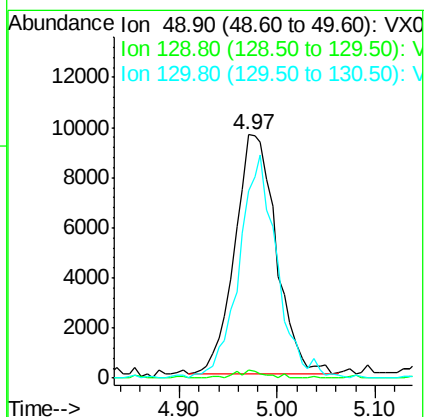
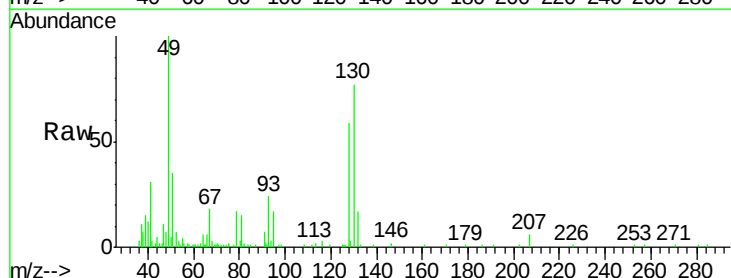
Tgt Ion: 49 Resp: 28324

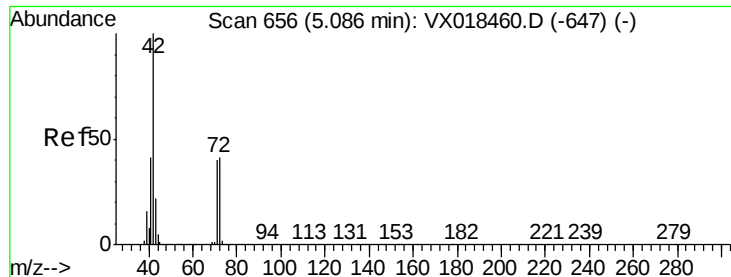
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 84.6 65.0 97.4





#29

Tetrahydrofuran

Concen: 23.258 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

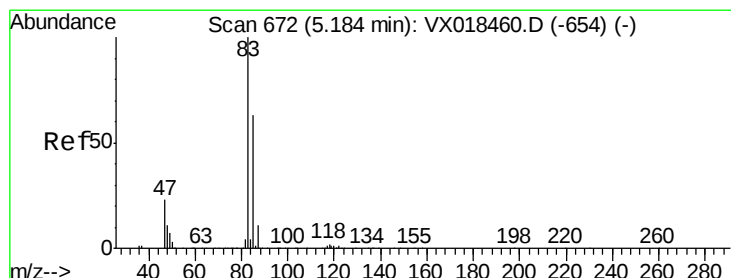
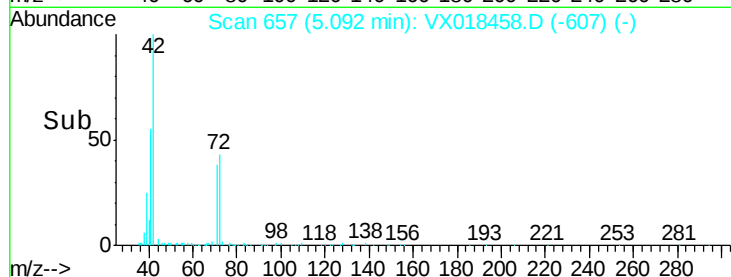
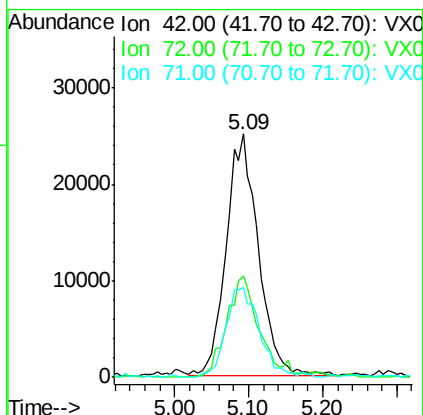
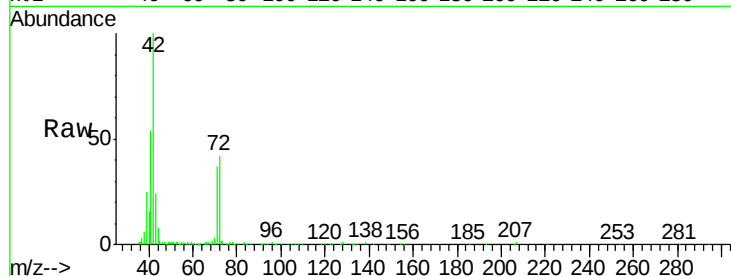
Tgt Ion: 42 Resp: 75665

Ion Ratio Lower Upper

42 100

72 42.5 34.3 51.5

71 38.7 32.1 48.1



#30

Chloroform

Concen: 5.240 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018458.D

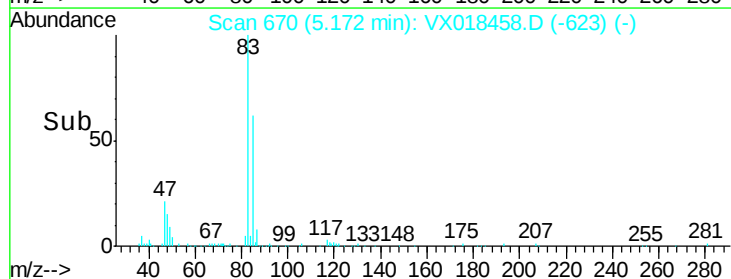
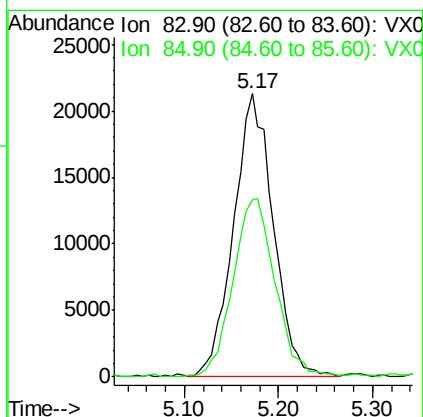
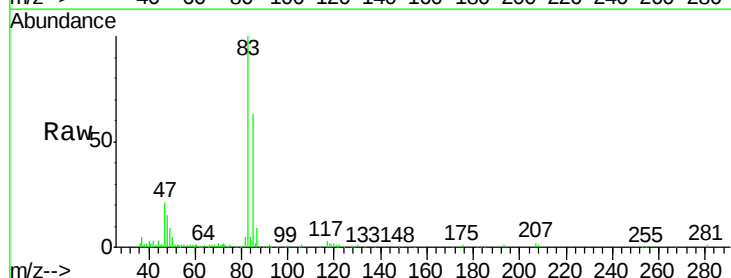
Acq: 17 Sep 2020 10:21

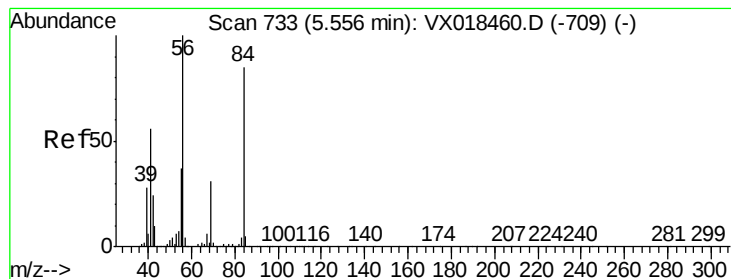
Tgt Ion: 83 Resp: 62047

Ion Ratio Lower Upper

83 100

85 62.4 50.6 76.0





#31

Cyclohexane

Concen: 5.184 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

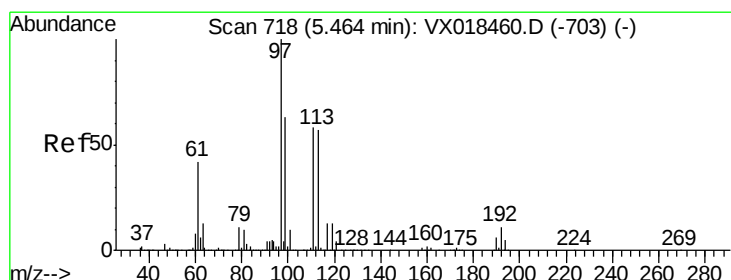
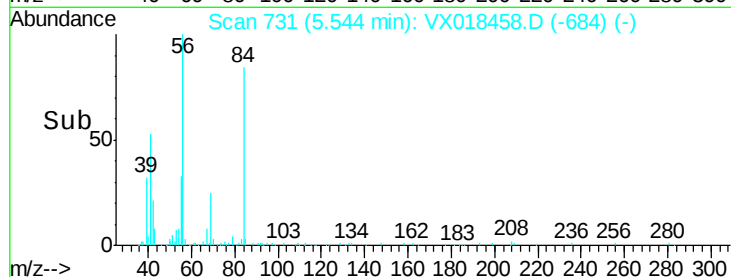
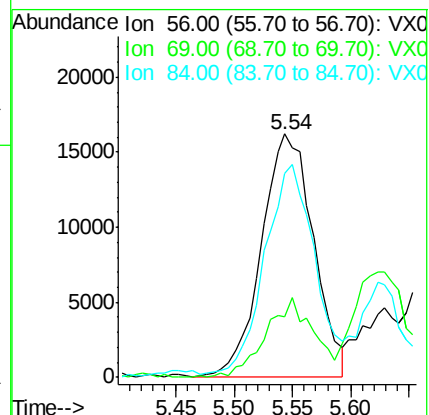
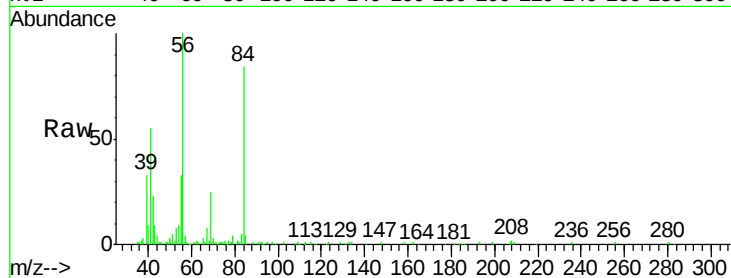
Tgt Ion: 56 Resp: 50152

Ion Ratio Lower Upper

56 100

69 25.1 24.8 37.2

84 80.3 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 5.365 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

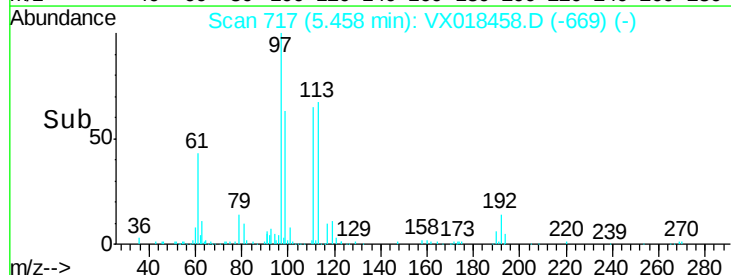
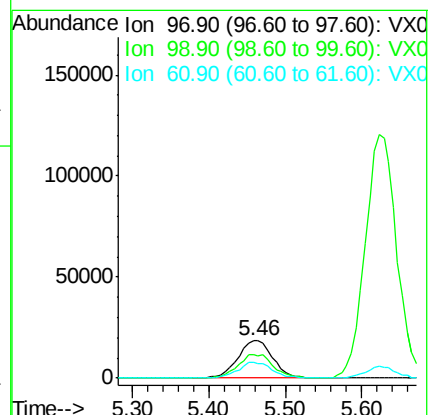
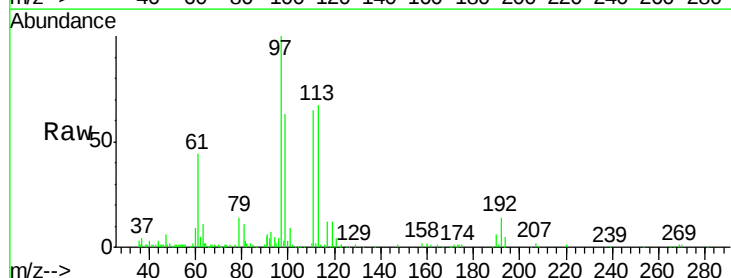
Tgt Ion: 97 Resp: 58604

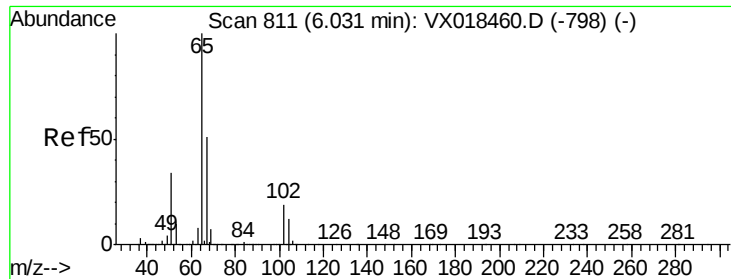
Ion Ratio Lower Upper

97 100

99 64.0 50.5 75.7

61 41.5 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 5.479 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

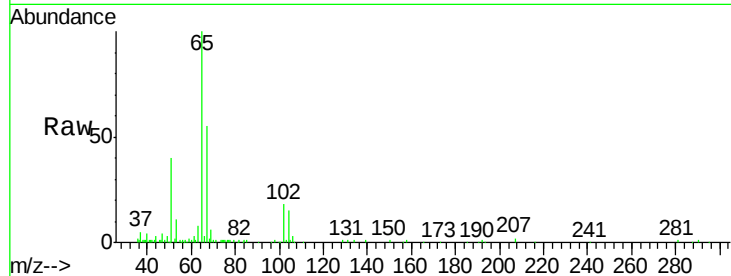
VSTDIC005

Tgt Ion: 65 Resp: 43965

Ion Ratio Lower Upper

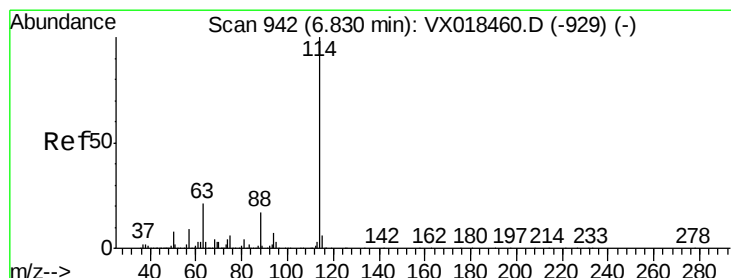
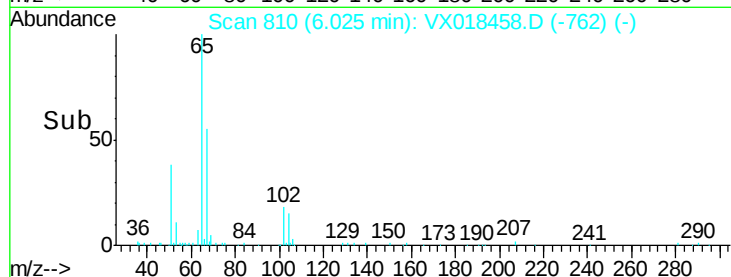
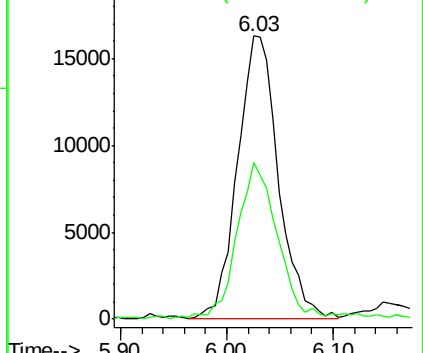
65 100

67 54.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

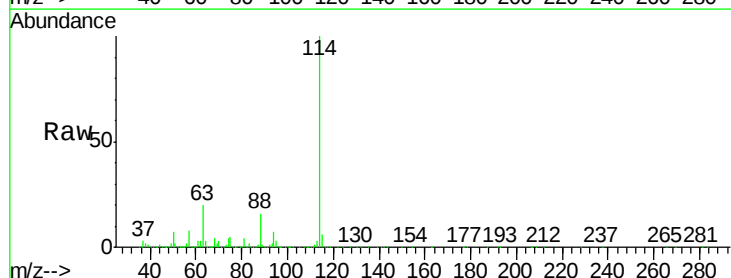
Tgt Ion: 114 Resp: 921556

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

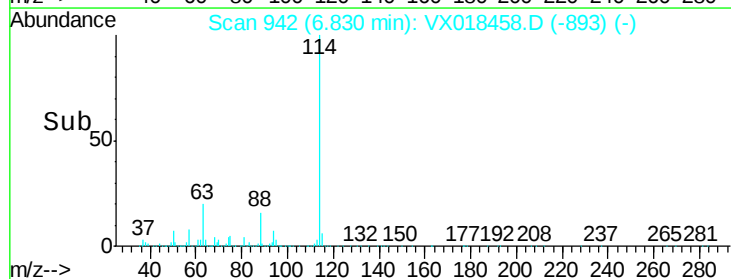
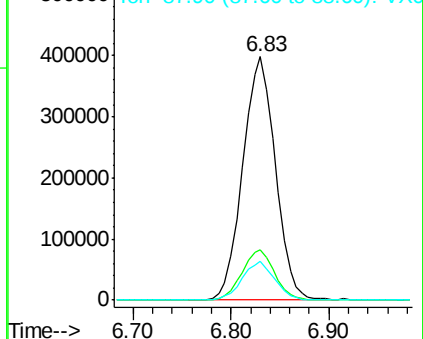
88 15.9 0.0 33.6

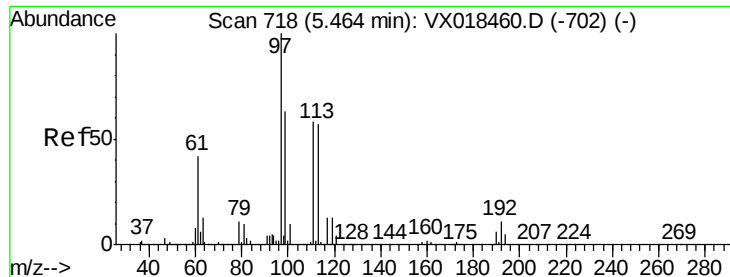


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

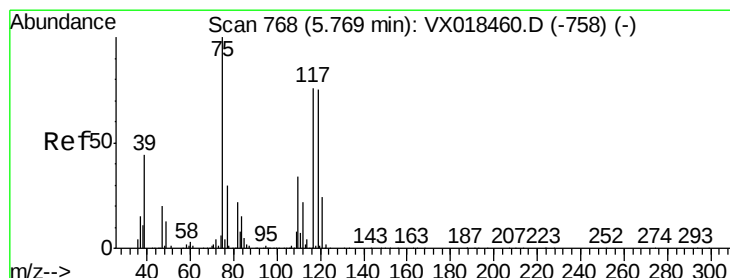
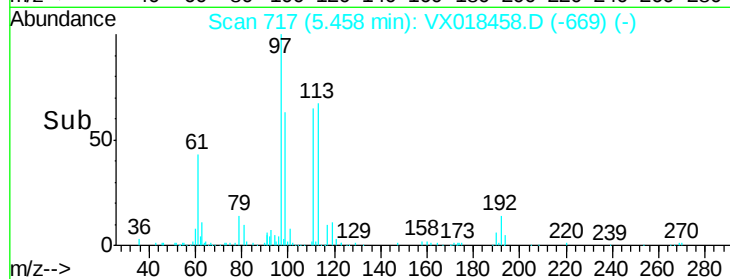
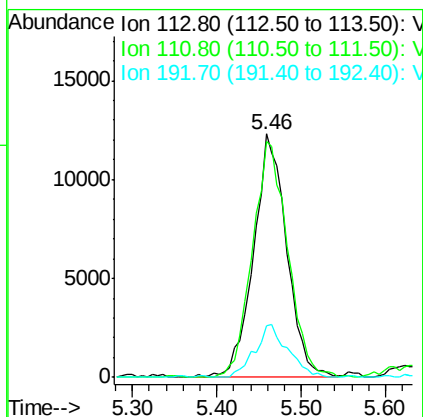
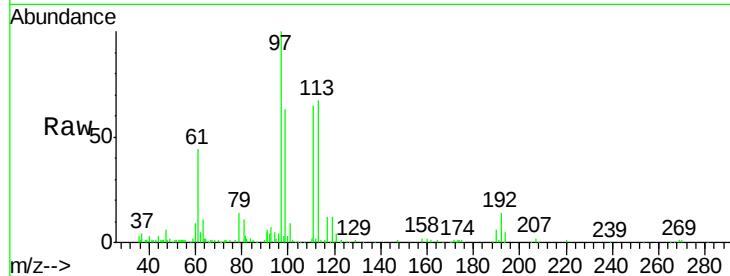




#35
 Dibromofluoromethane
 Concen: 5.353 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

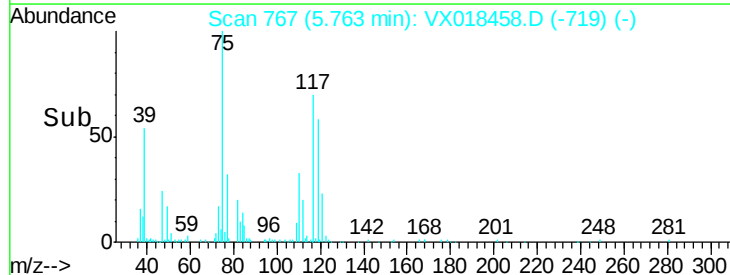
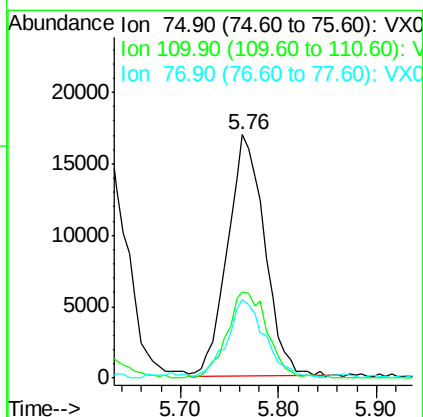
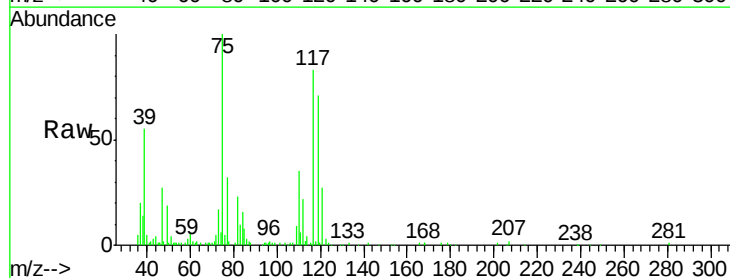
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

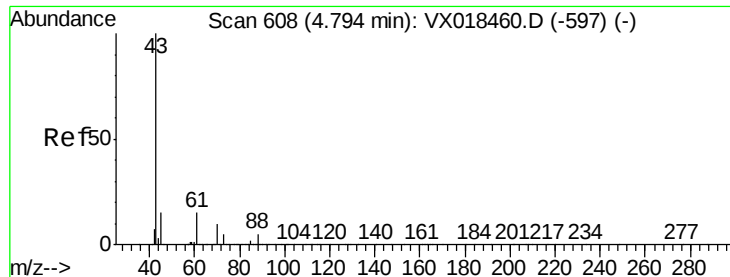
Tgt Ion: 113 Resp: 33373
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.2
 192 21.4 16.6 24.8



#36
 1,1-Dichloropropene
 Concen: 5.200 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion: 75 Resp: 44433
 Ion Ratio Lower Upper
 75 100
 110 38.9 17.6 52.8
 77 33.1 25.0 37.6

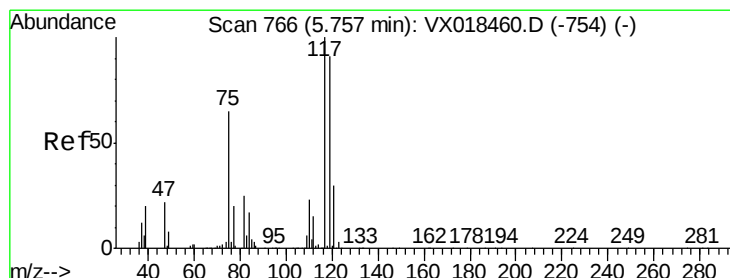
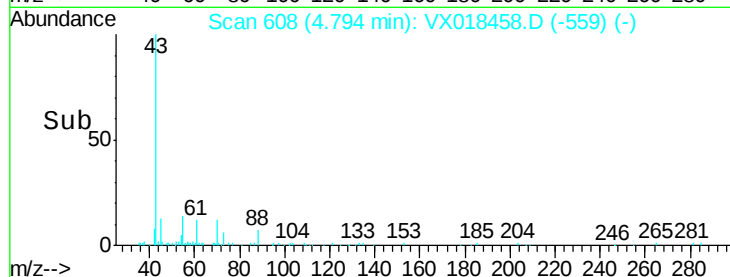
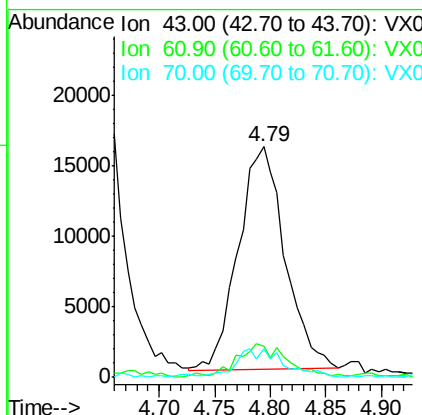
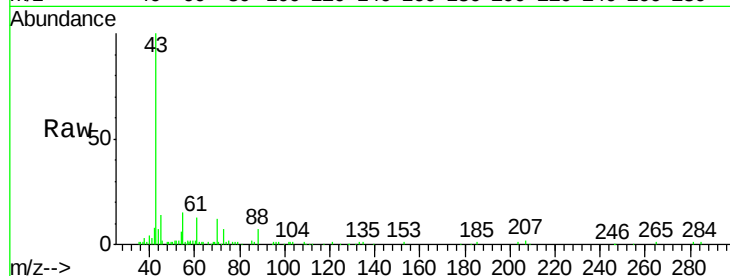




#37
Ethyl Acetate
Concen: 4.695 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

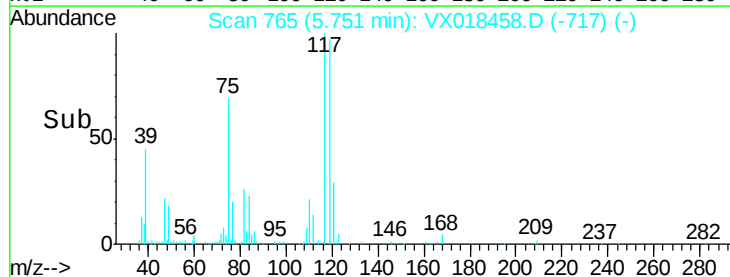
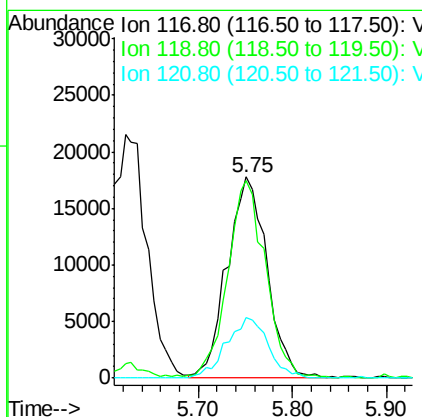
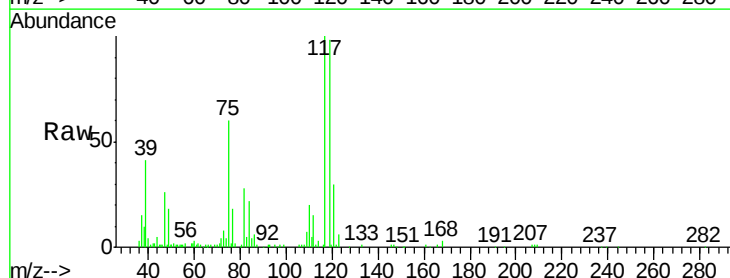
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

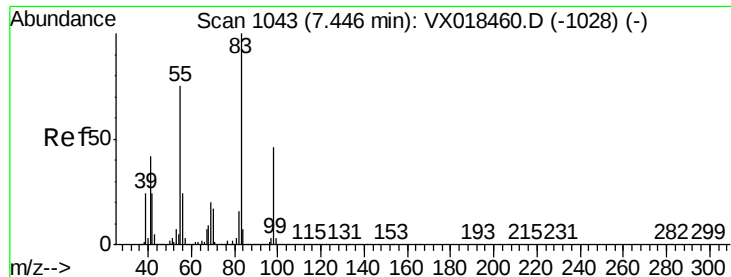
Tgt Ion: 43 Resp: 46288
Ion Ratio Lower Upper
43 100
61 16.3 10.9 16.3
70 5.2 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 5.437 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion: 117 Resp: 52438
Ion Ratio Lower Upper
117 100
119 98.4 72.3 108.5
121 30.0 23.8 35.8

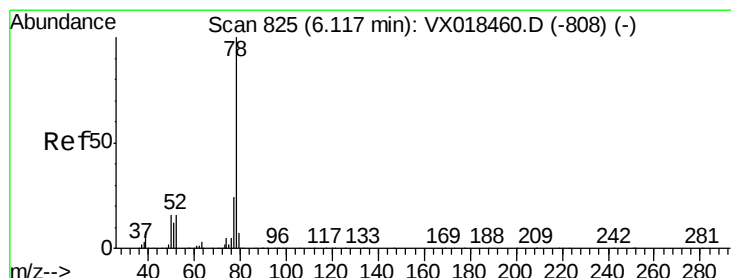
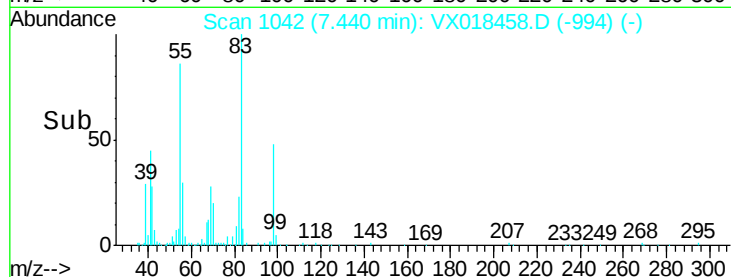
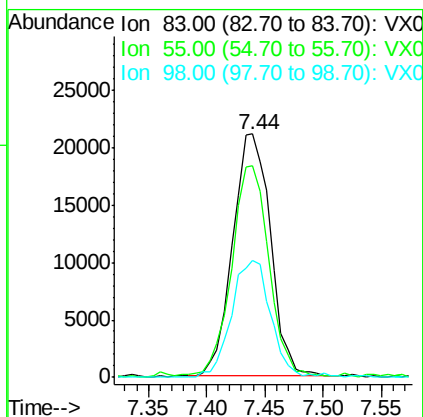
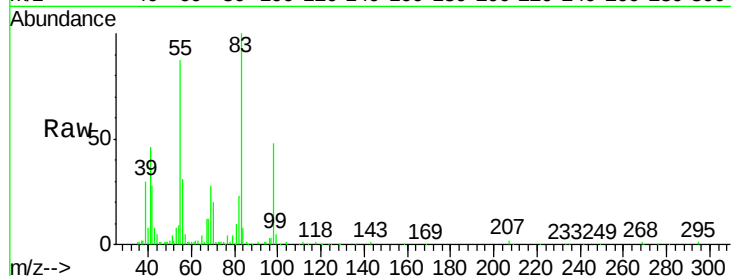




#39
Methylcyclohexane
Concen: 5.086 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

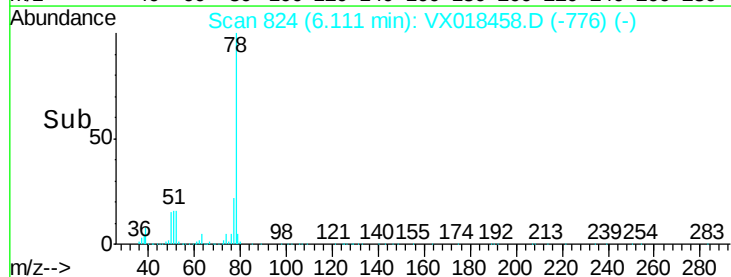
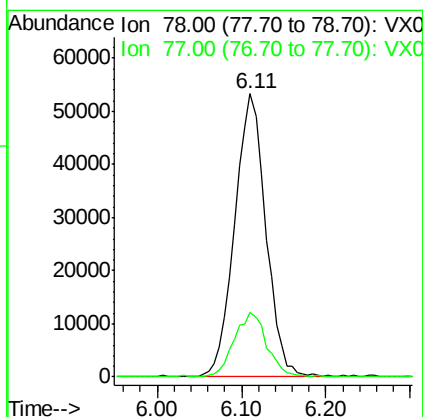
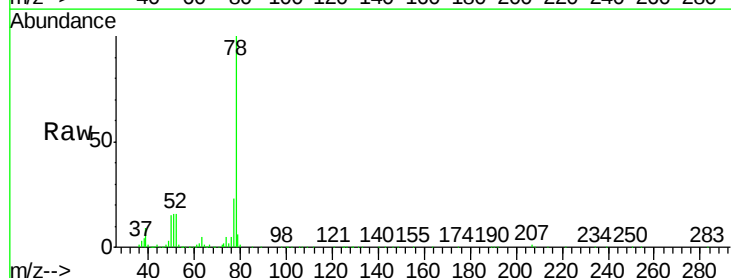
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

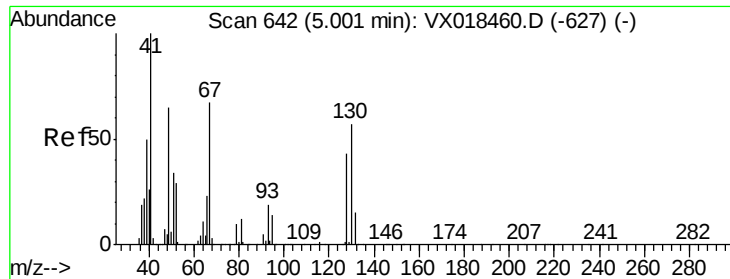
Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.6	60.2	90.4
98	48.4	36.4	54.6



#40
Benzene
Concen: 5.319 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4

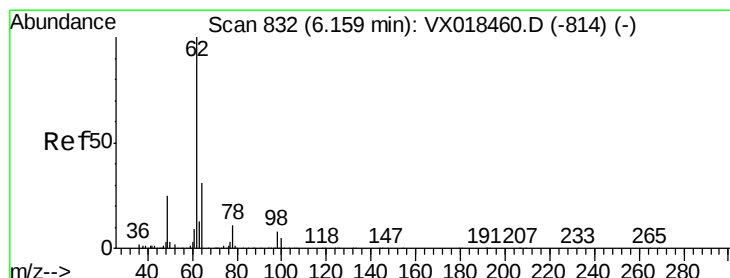
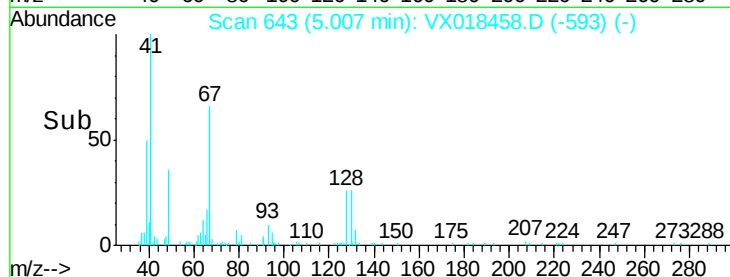
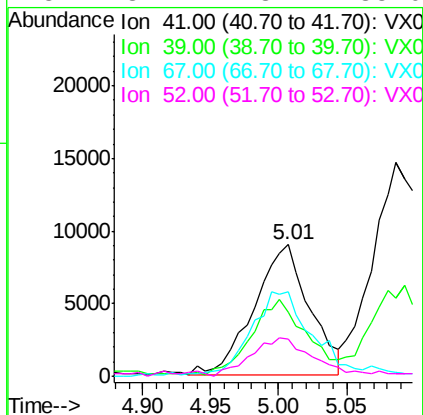
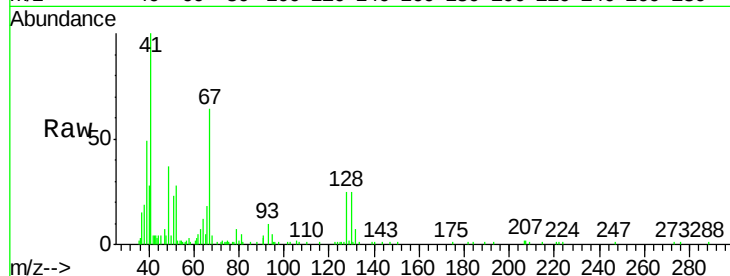




#41
Methacrylonitrile
Concen: 4.752 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

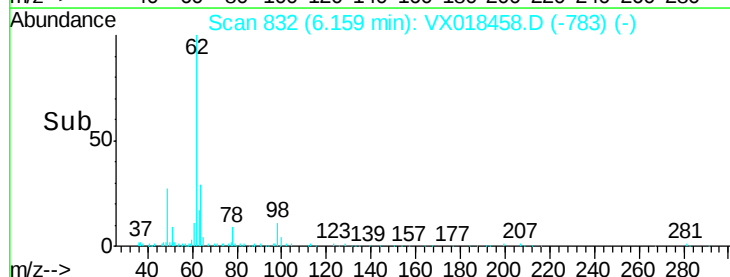
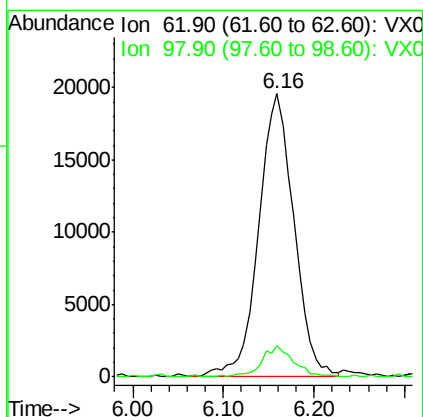
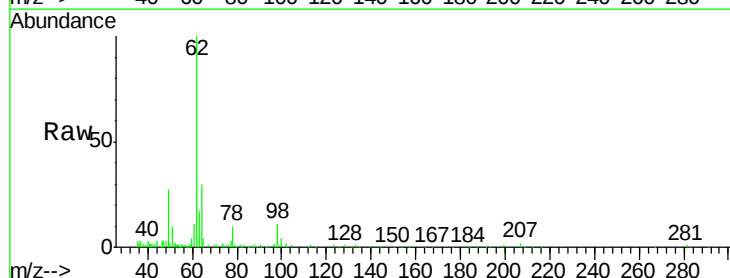
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

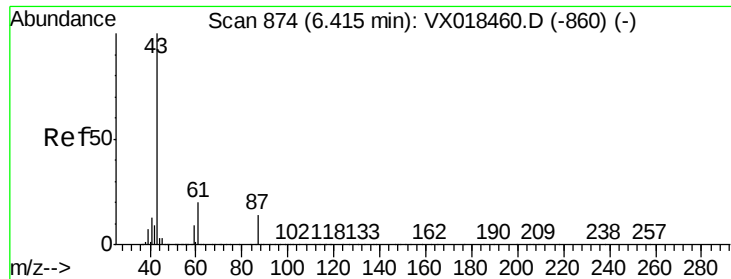
Tgt Ion:	41	Resp:	25675
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.3	67.9
67	65.7	56.7	85.1
52	32.7	23.4	35.0



#42
1,2-Dichloroethane
Concen: 5.495 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion:	62	Resp:	52900
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 5.016 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

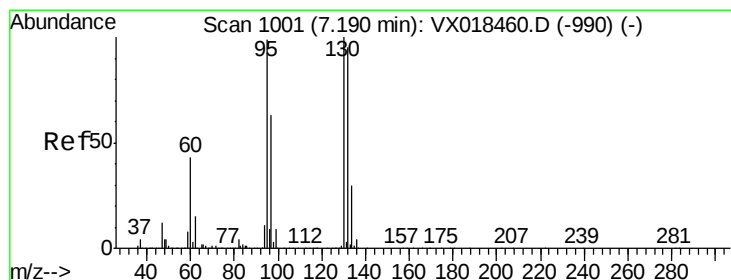
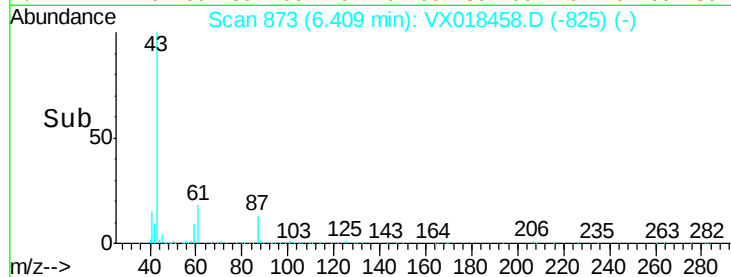
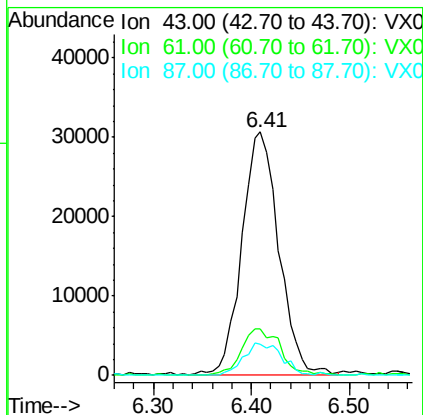
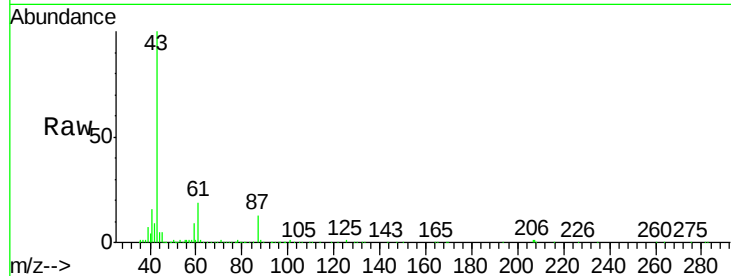
Tgt Ion: 43 Resp: 79860

Ion Ratio Lower Upper

43 100

61 20.7 15.7 23.5

87 13.8 10.4 15.6



#44

Trichloroethene

Concen: 5.526 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018458.D

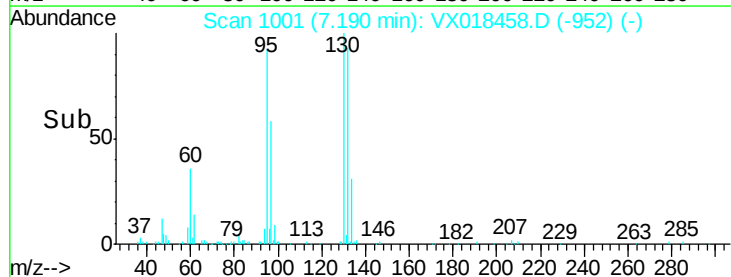
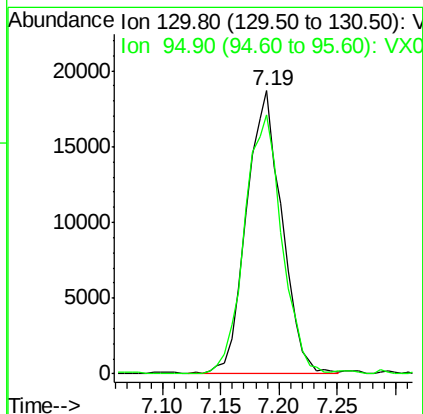
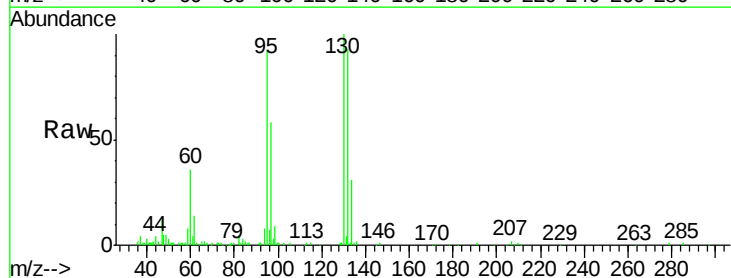
Acq: 17 Sep 2020 10:21

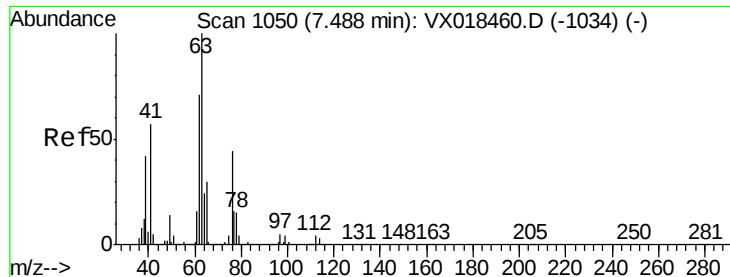
Tgt Ion: 130 Resp: 39221

Ion Ratio Lower Upper

130 100

95 90.9 0.0 197.4





#45

1,2-Dichloropropane

Concen: 5.269 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

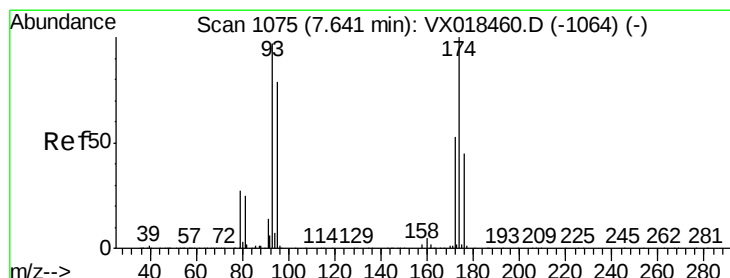
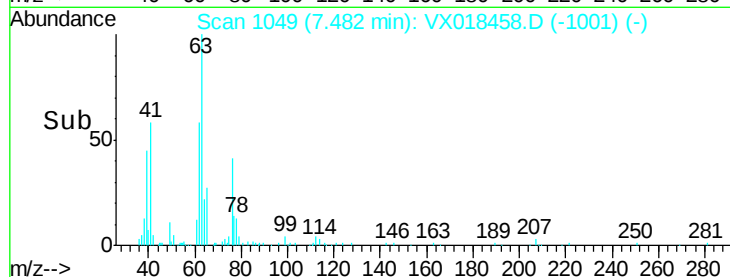
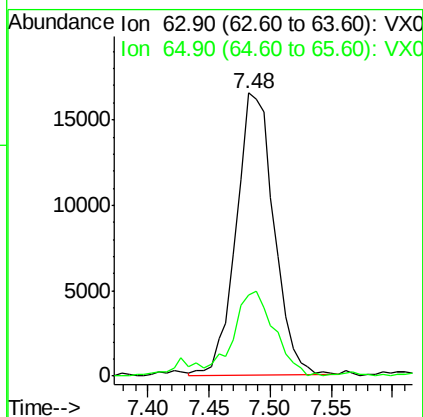
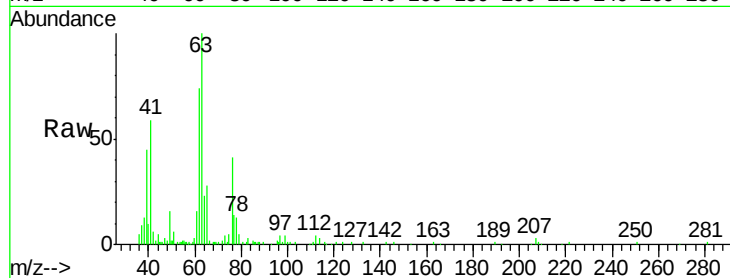
VSTDIC005

Tgt Ion: 63 Resp: 35451

Ion Ratio Lower Upper

63 100

65 28.0 24.1 36.1



#46

Dibromomethane

Concen: 4.969 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

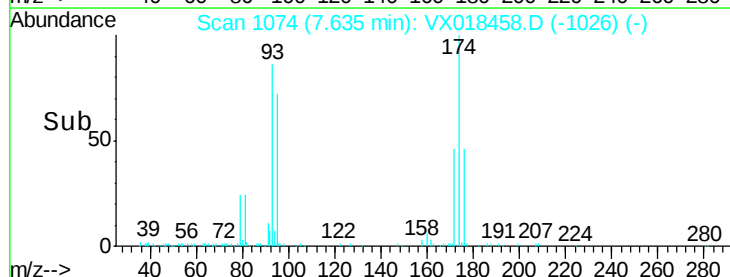
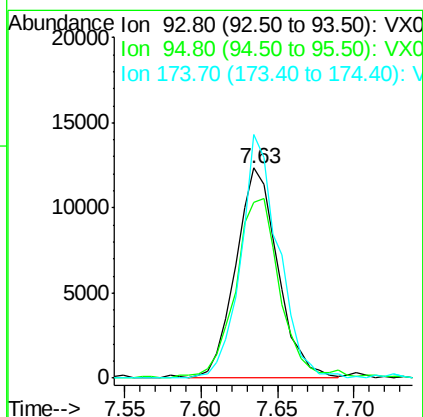
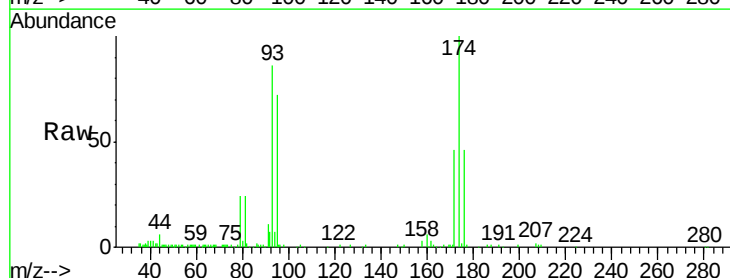
Tgt Ion: 93 Resp: 23622

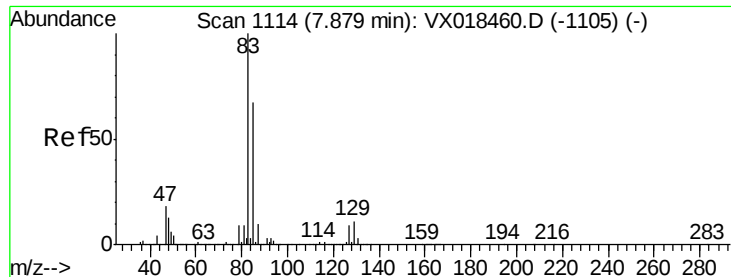
Ion Ratio Lower Upper

93 100

95 90.2 65.0 97.4

174 103.6 82.0 123.0





#47

Bromodichloromethane

Concen: 5.335 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

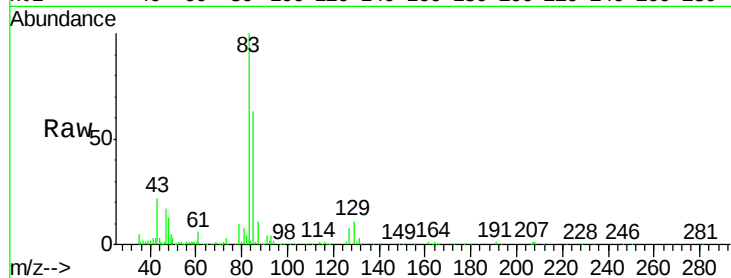
Tgt Ion: 83 Resp: 50505

Ion Ratio Lower Upper

83 100

85 62.7 53.3 79.9

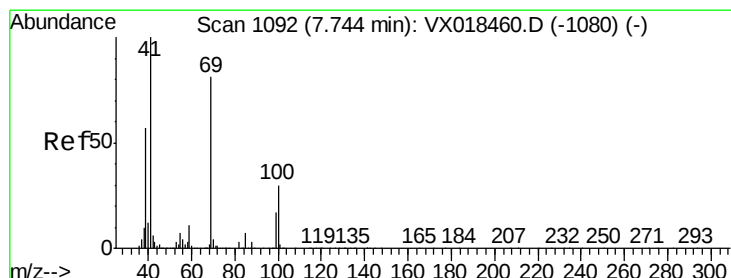
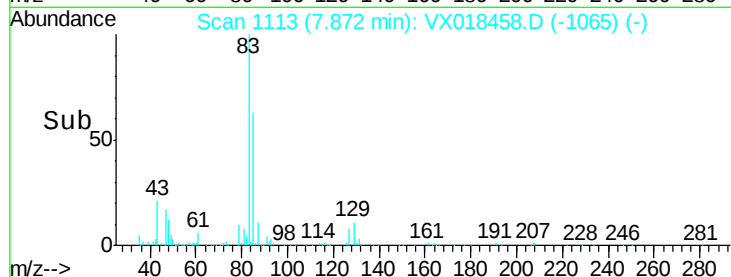
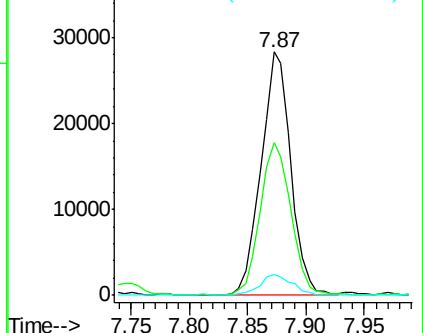
127 8.3 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.753 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

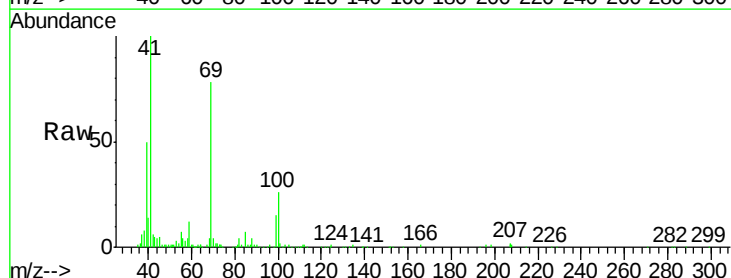
Tgt Ion: 41 Resp: 37646

Ion Ratio Lower Upper

41 100

69 80.8 63.7 95.5

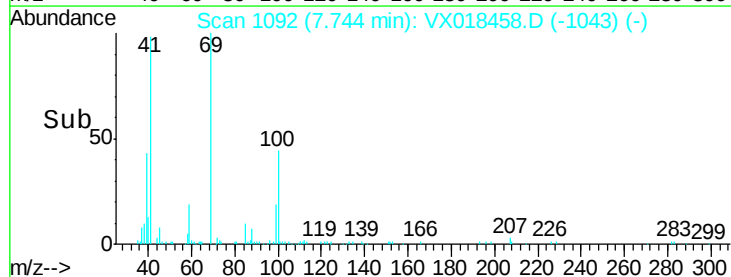
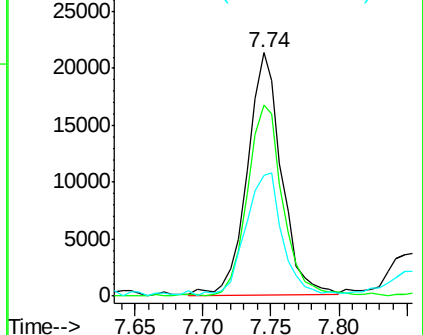
39 55.9 45.0 67.4

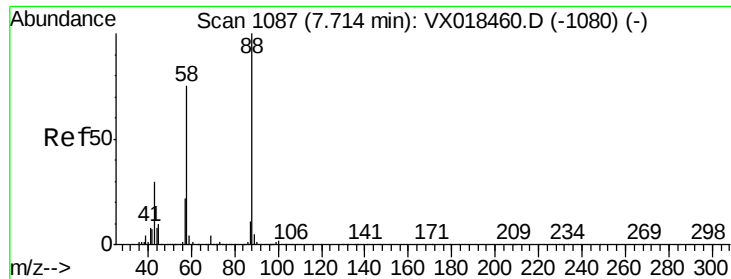


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

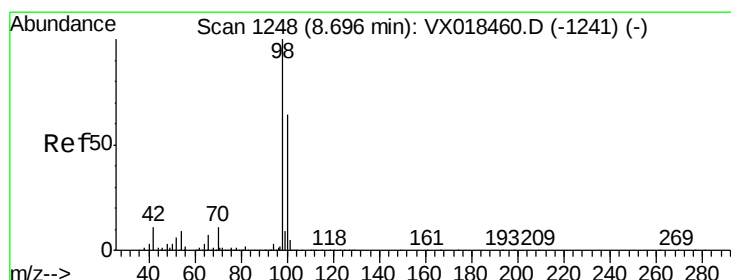
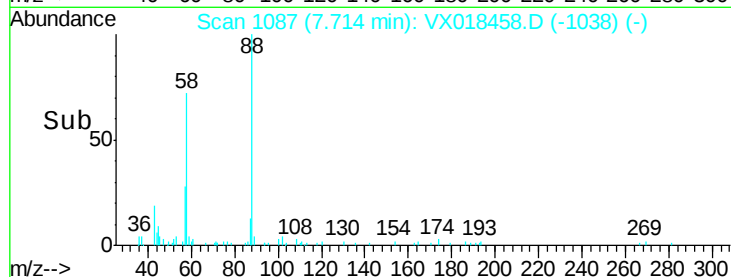
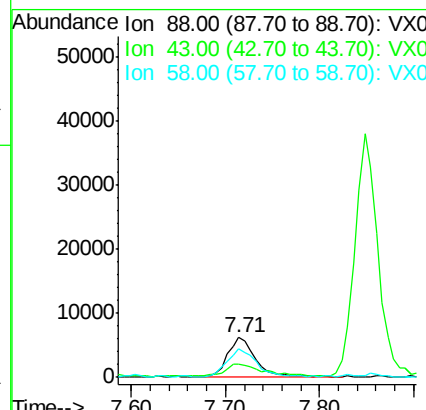
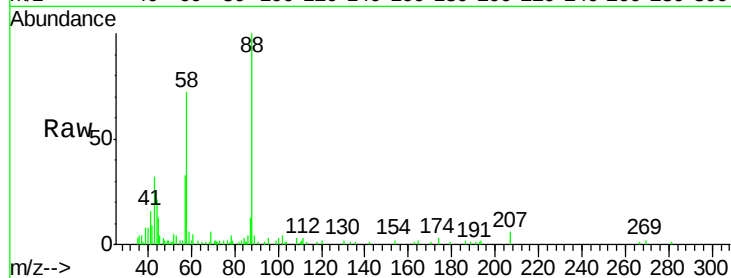




#49
1,4-Dioxane
Concen: 93.854 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

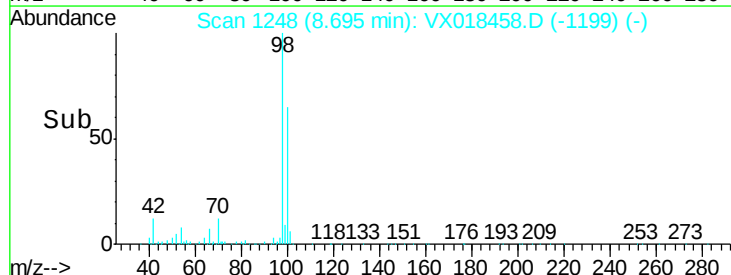
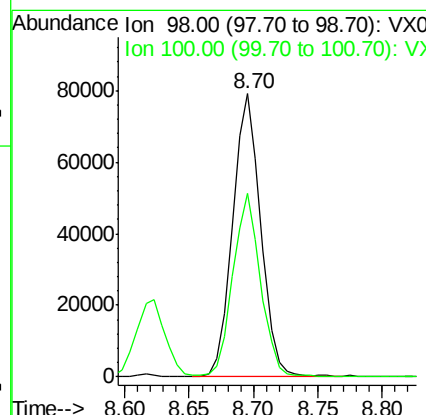
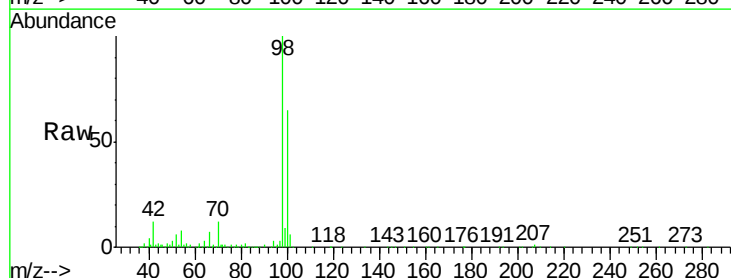
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

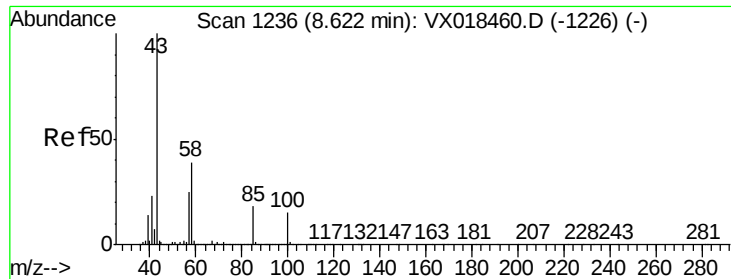
Tgt Ion: 88 Resp: 13018
Ion Ratio Lower Upper
88 100
43 34.2 29.9 44.9
58 76.2 59.0 88.6



#50
Toluene-d8
Concen: 5.210 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion: 98 Resp: 120710
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 23.904 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

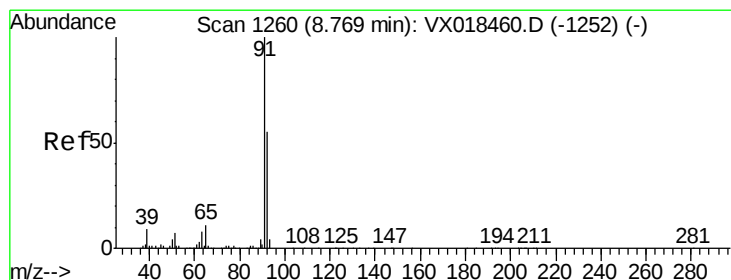
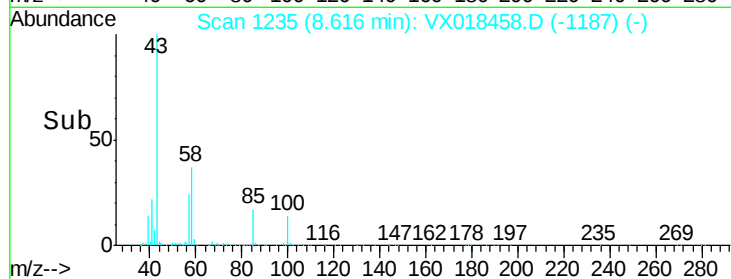
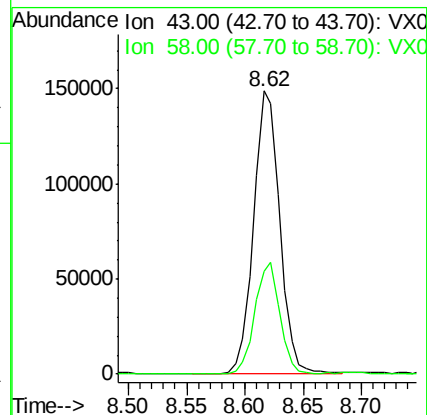
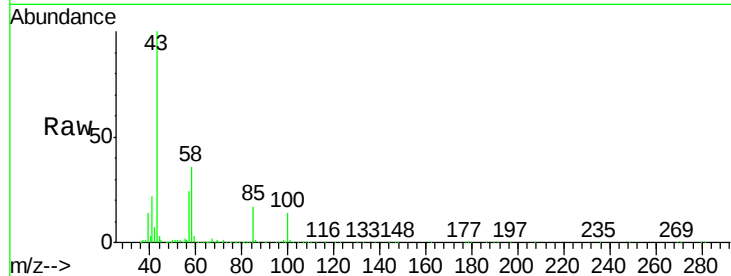
VSTDIC005

Tgt Ion: 43 Resp: 233613

Ion Ratio Lower Upper

43 100

58 37.3 30.9 46.3



#52

Toluene

Concen: 5.309 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018458.D

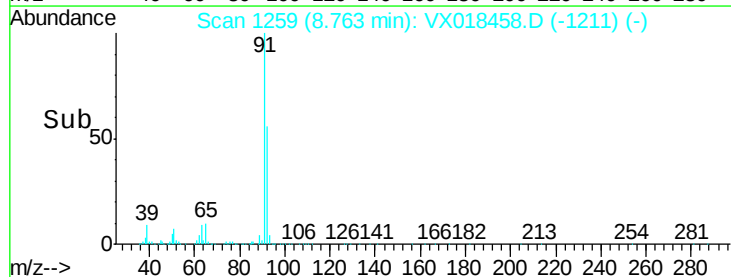
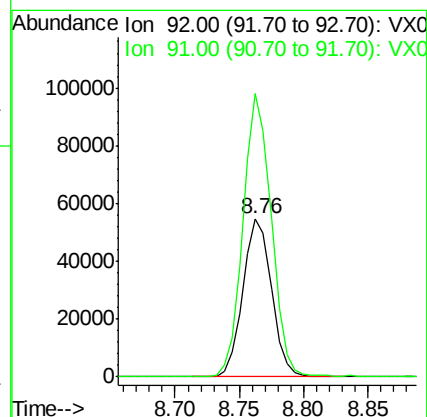
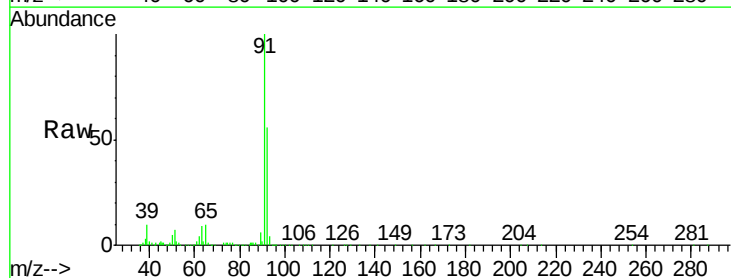
Acq: 17 Sep 2020 10:21

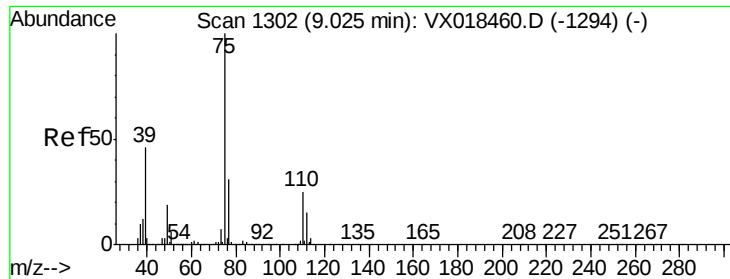
Tgt Ion: 92 Resp: 84011

Ion Ratio Lower Upper

92 100

91 177.1 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 5.287 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

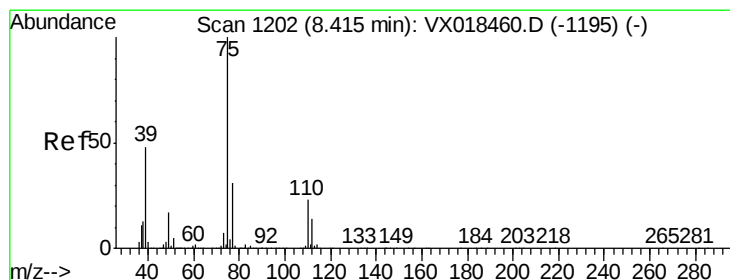
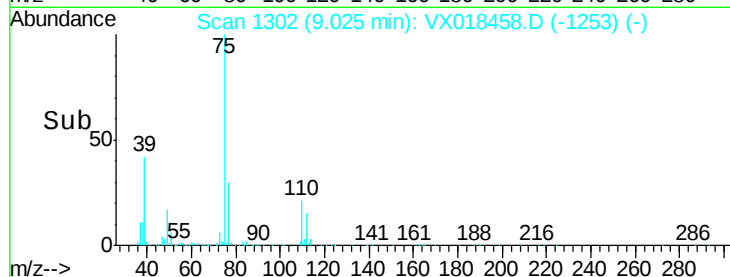
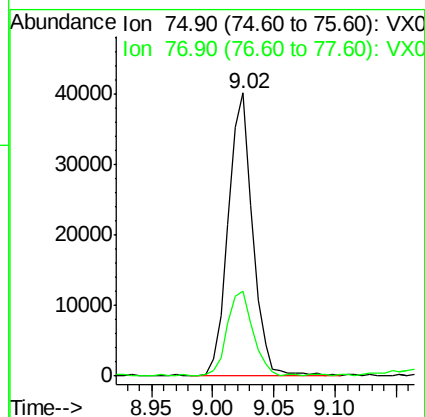
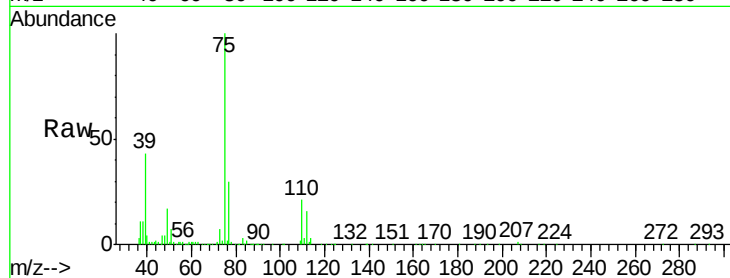
VSTDIC005

Tgt Ion: 75 Resp: 55598

Ion Ratio Lower Upper

75 100

77 29.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 5.120 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

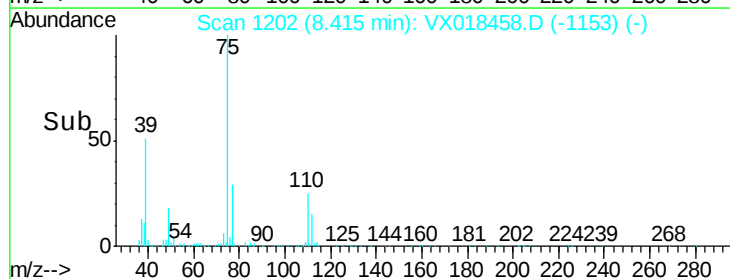
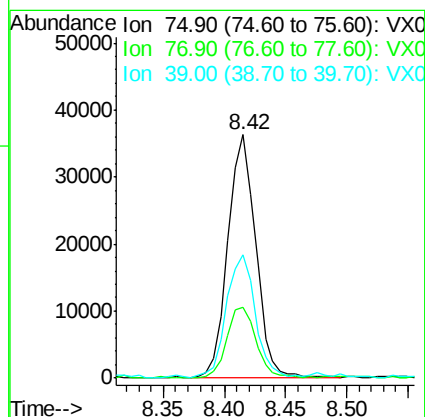
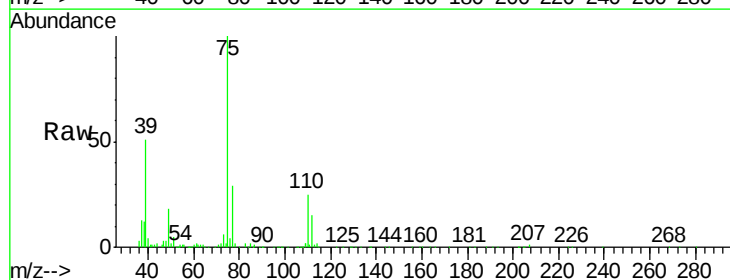
Tgt Ion: 75 Resp: 57066

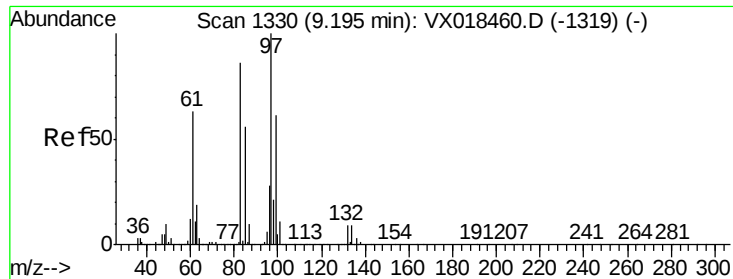
Ion Ratio Lower Upper

75 100

77 28.9 24.8 37.2

39 50.4 38.6 58.0

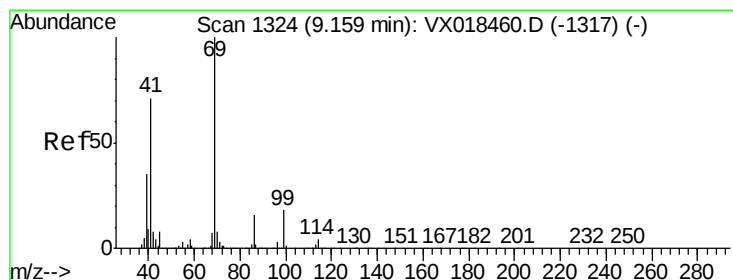
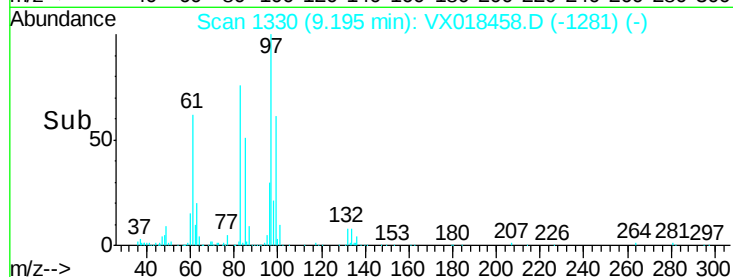
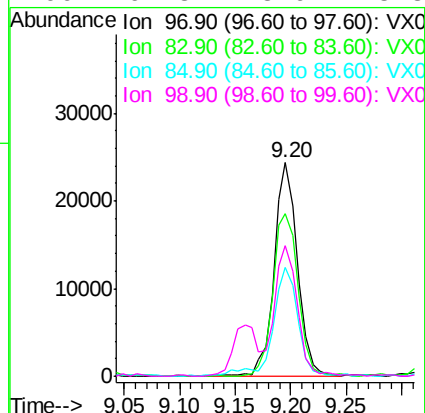
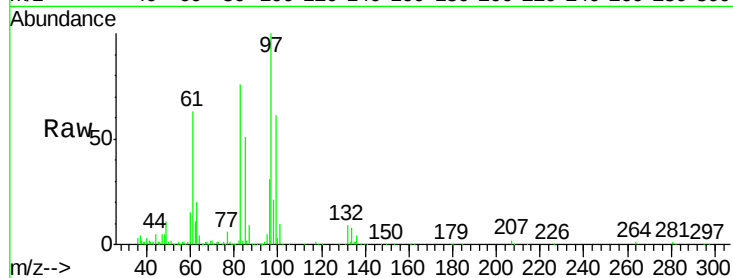




#55
 1,1,2-Trichloroethane
 Concen: 5.284 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

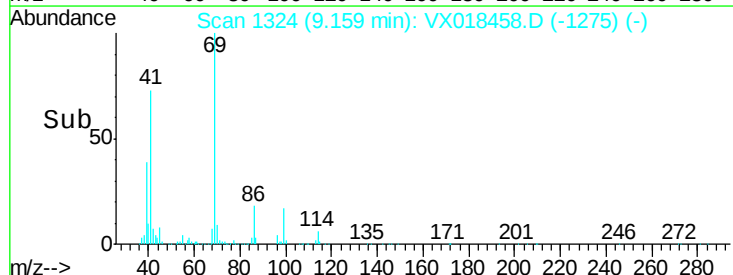
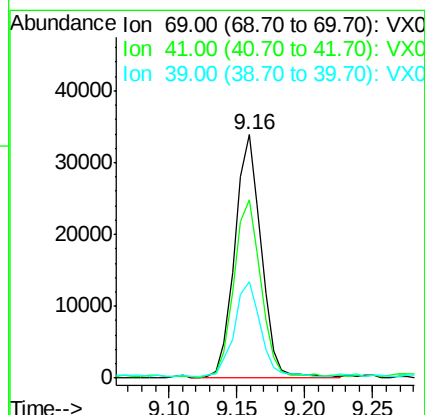
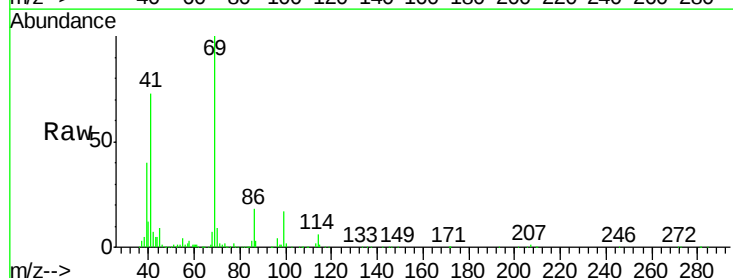
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

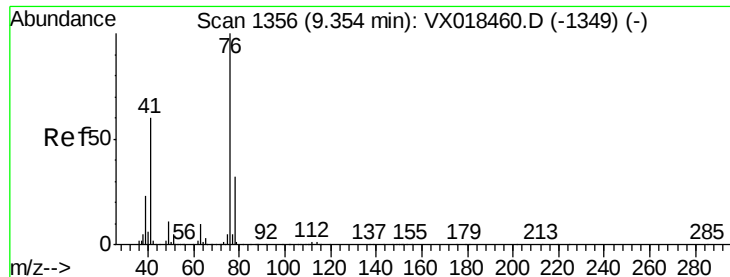
Tgt Ion:	97	Resp:	35589
Ion	Ratio	Lower	Upper
97	100		
83	76.0	68.5	102.7
85	50.7	44.8	67.2
99	61.3	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 4.599 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion:	69	Resp:	46134
Ion	Ratio	Lower	Upper
69	100		
41	74.2	54.6	81.8
39	39.4	29.3	43.9





#57

1,3-Dichloropropane

Concen: 5.191 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

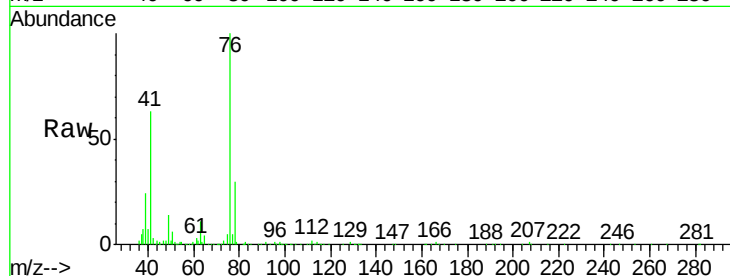
VSTDIC005

Tgt Ion: 76 Resp: 57752

Ion Ratio Lower Upper

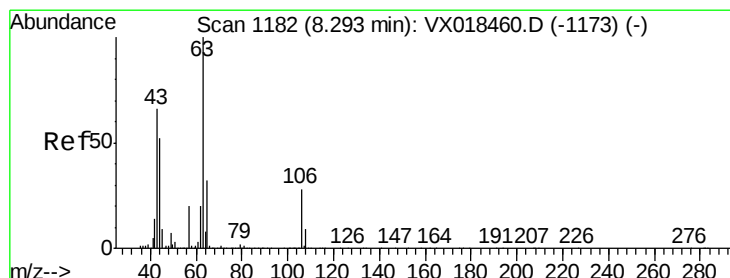
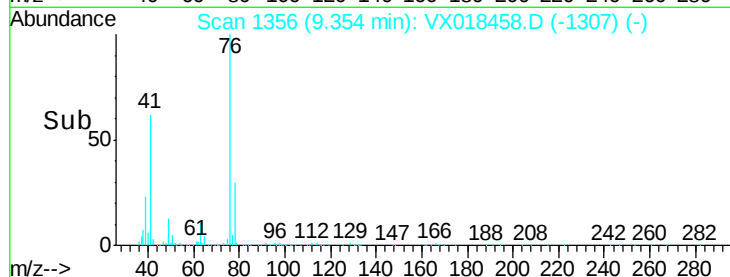
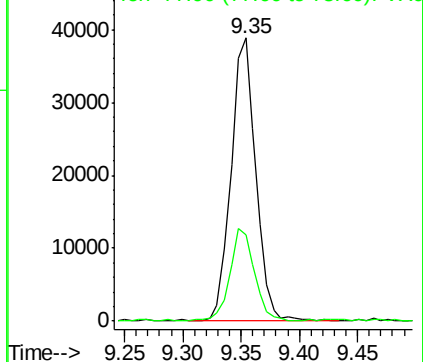
76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 28.964 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018458.D

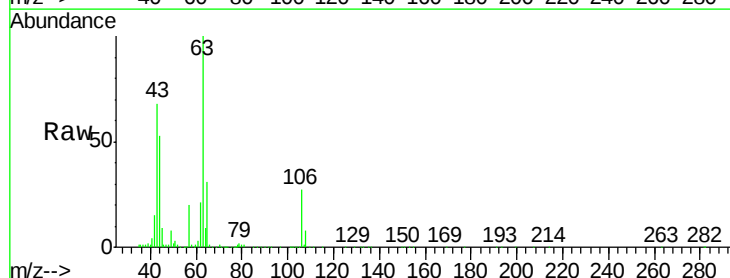
Acq: 17 Sep 2020 10:21

Tgt Ion: 63 Resp: 134966

Ion Ratio Lower Upper

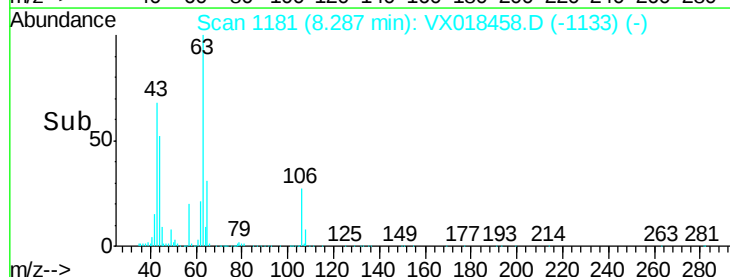
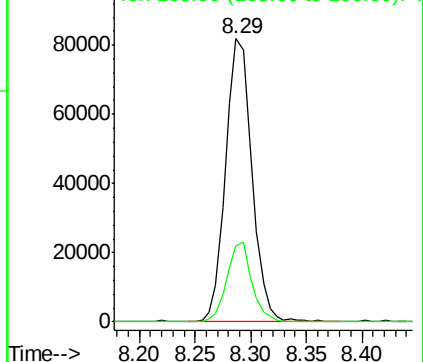
63 100

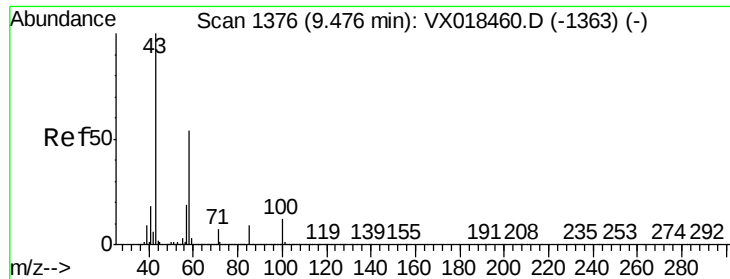
106 26.7 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

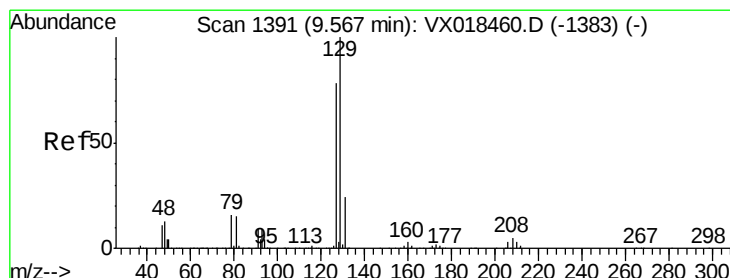
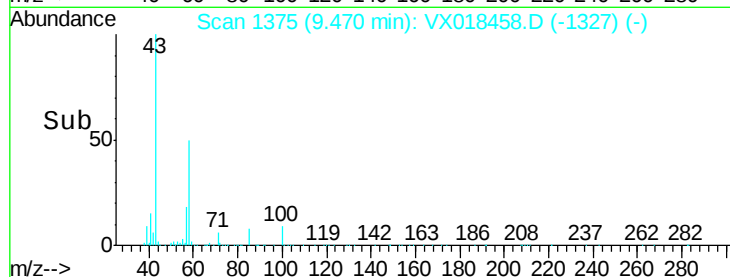
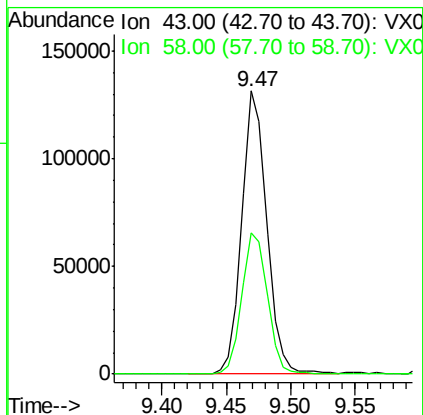
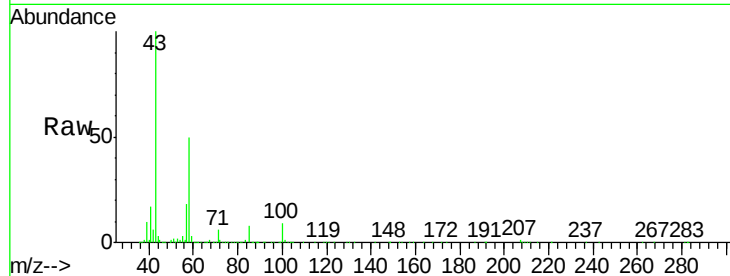




#59
2-Hexanone
Concen: 23.631 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

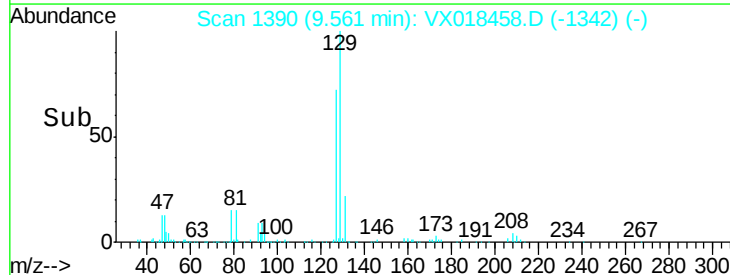
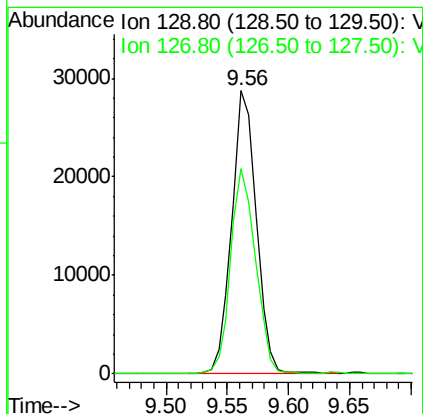
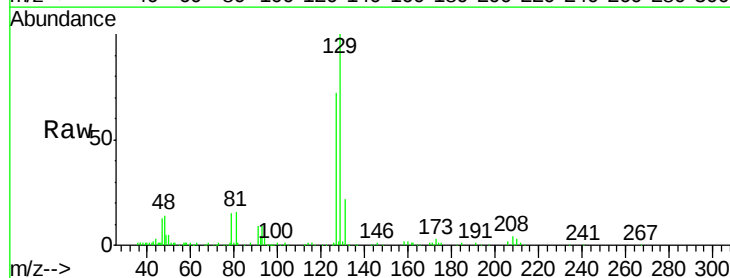
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

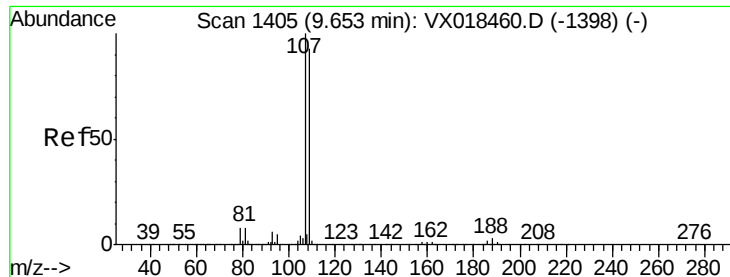
Tgt Ion: 43 Resp: 175422
Ion Ratio Lower Upper
43 100
58 51.1 26.5 79.4



#60
Dibromochloromethane
Concen: 5.065 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion: 129 Resp: 40085
Ion Ratio Lower Upper
129 100
127 72.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 4.696 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

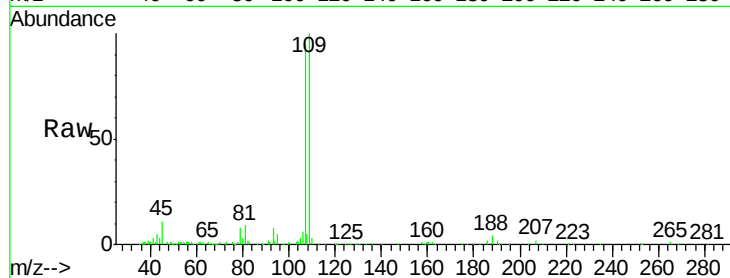
VSTDIC005

Tgt Ion: 107 Resp: 34323

Ion Ratio Lower Upper

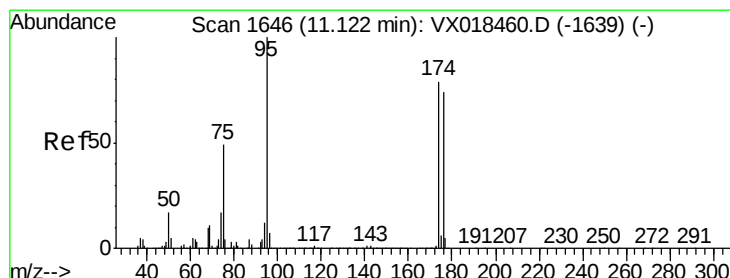
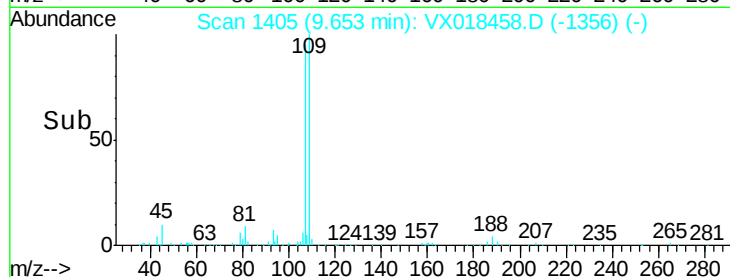
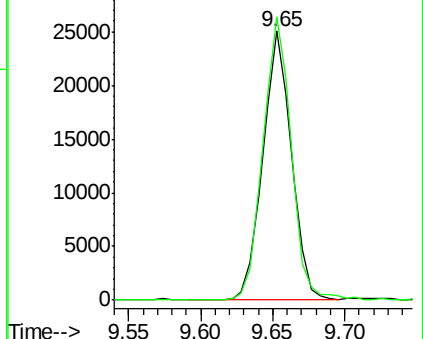
107 100

109 104.4 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: 5.181 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

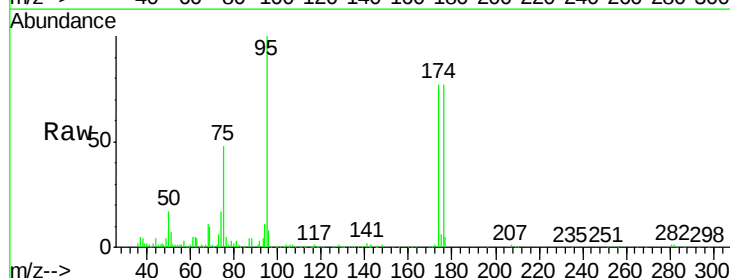
Tgt Ion: 95 Resp: 47240

Ion Ratio Lower Upper

95 100

174 77.4 0.0 161.4

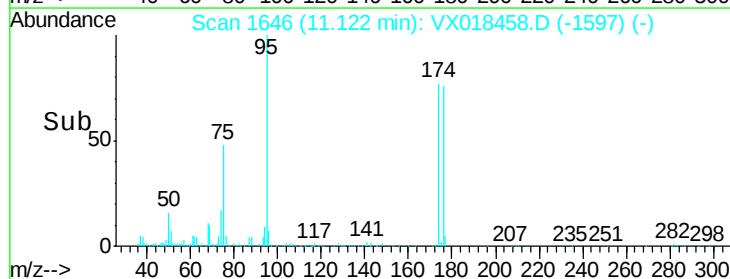
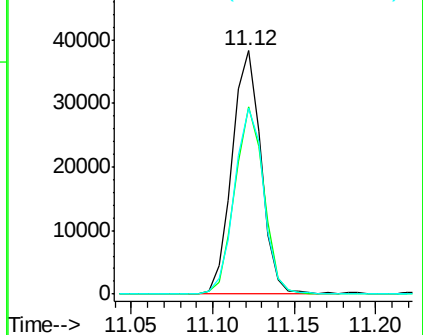
176 77.6 0.0 151.4

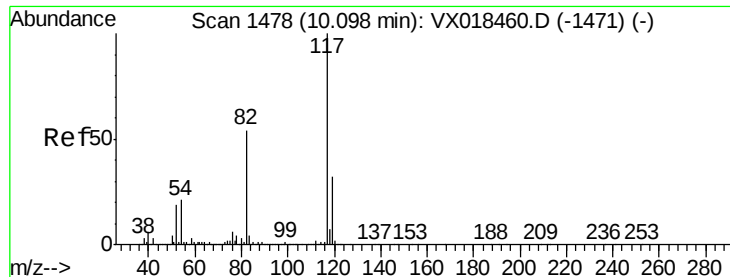


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

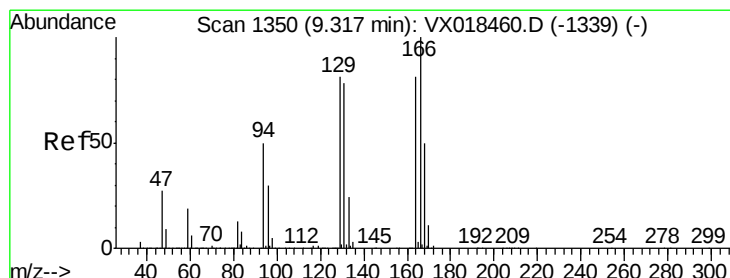
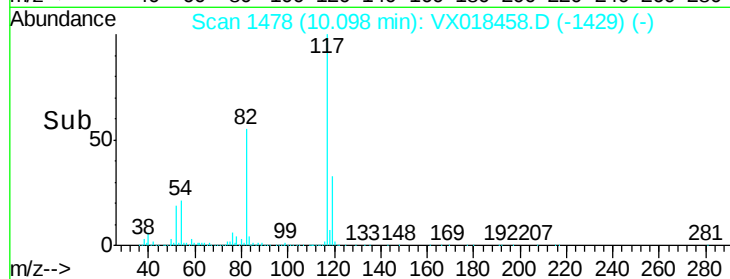
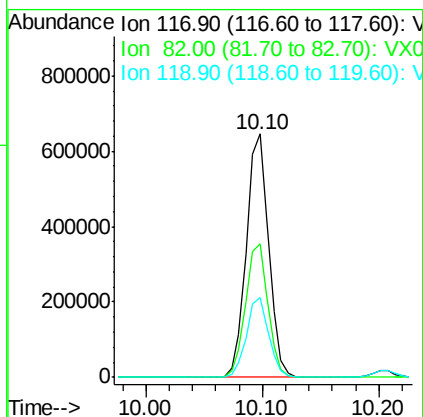
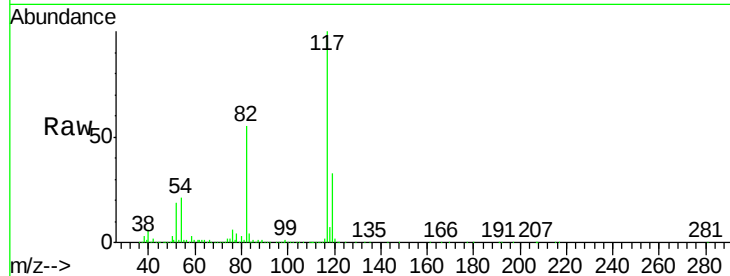




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

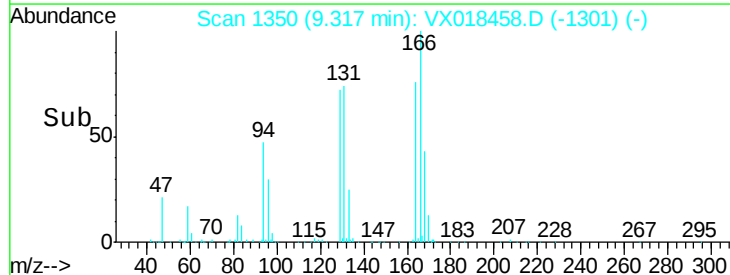
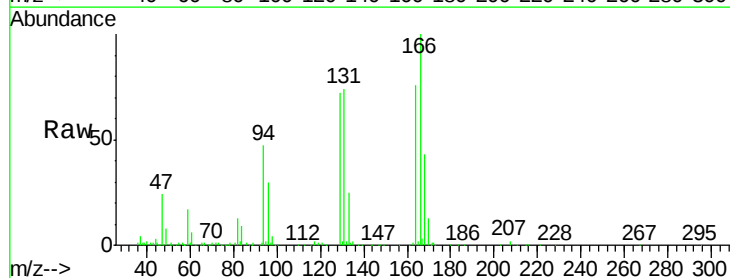
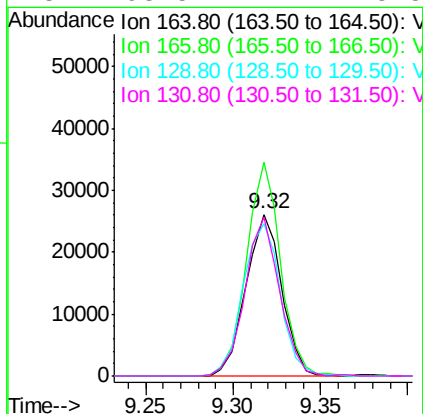
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

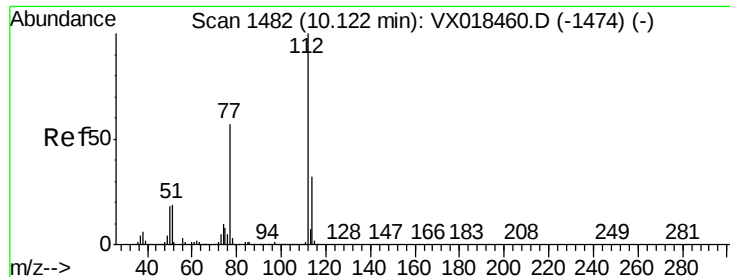
Tgt Ion:117 Resp: 865851
Ion Ratio Lower Upper
117 100
82 54.8 43.3 64.9
119 33.0 25.9 38.9



#64
Tetrachloroethene
Concen: 5.797 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion:164 Resp: 37065
Ion Ratio Lower Upper
164 100
166 132.3 99.3 148.9
129 94.6 80.7 121.1
131 98.5 77.2 115.8





#65

Chlorobenzene

Concen: 5.301 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

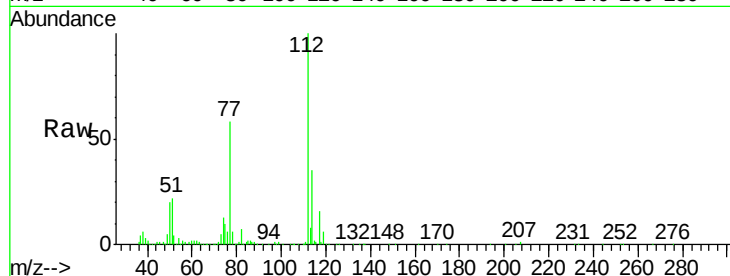
VSTDIC005

Tgt Ion:112 Resp: 91859

Ion Ratio Lower Upper

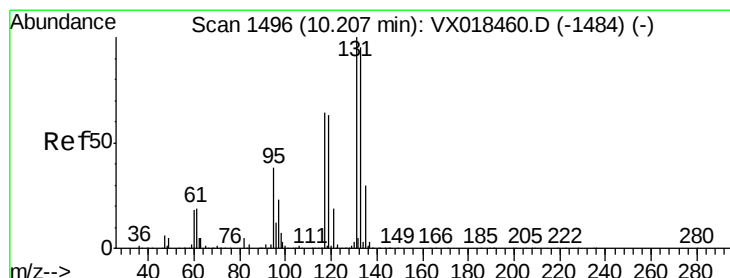
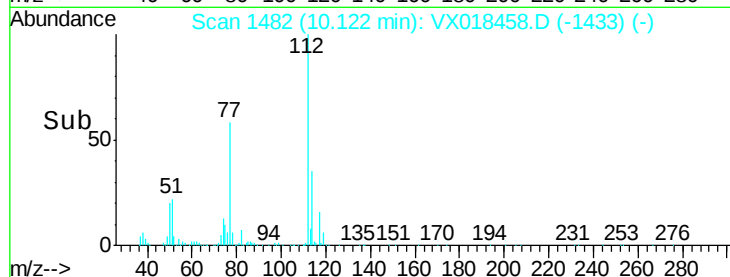
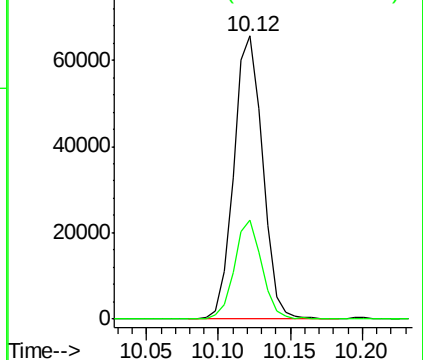
112 100

114 35.0 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: 5.362 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

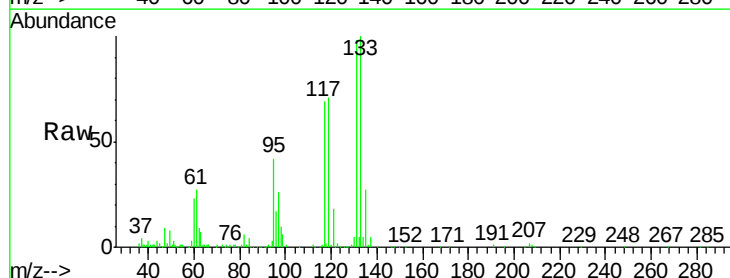
Tgt Ion:131 Resp: 36696

Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.4

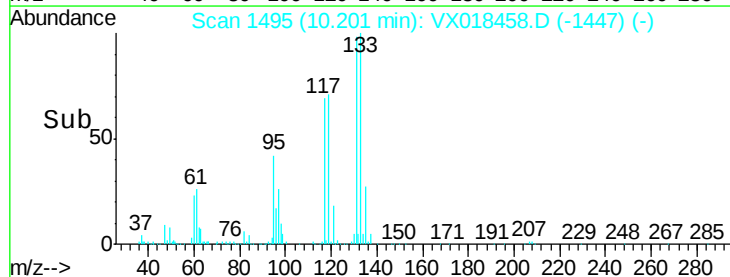
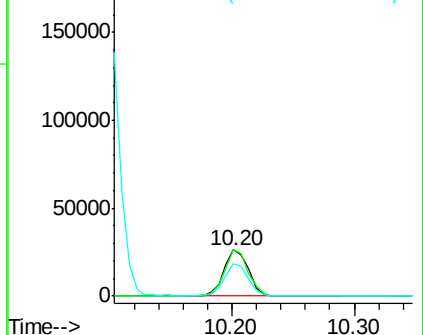
119 70.3 31.9 95.7

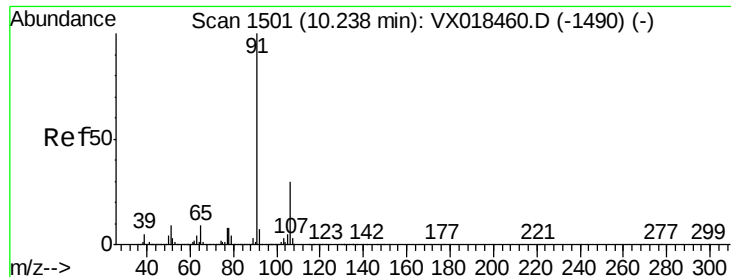


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.356 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

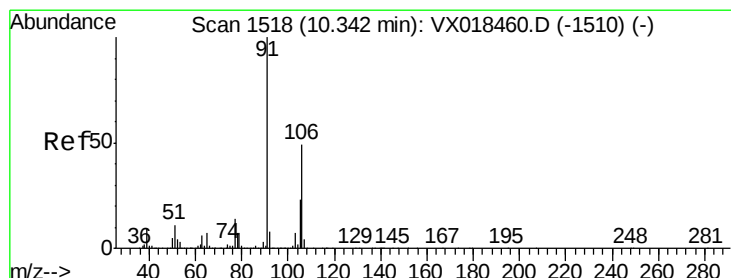
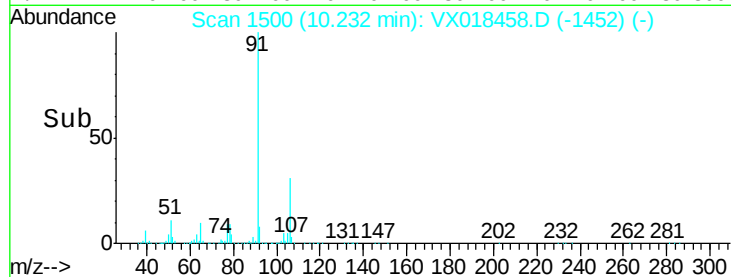
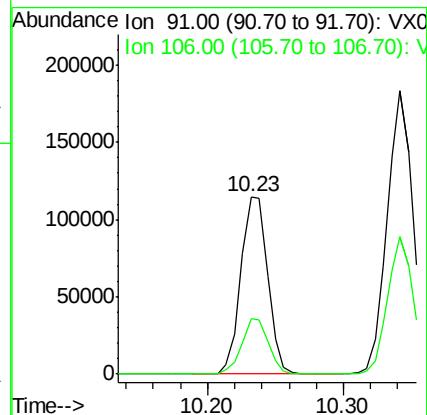
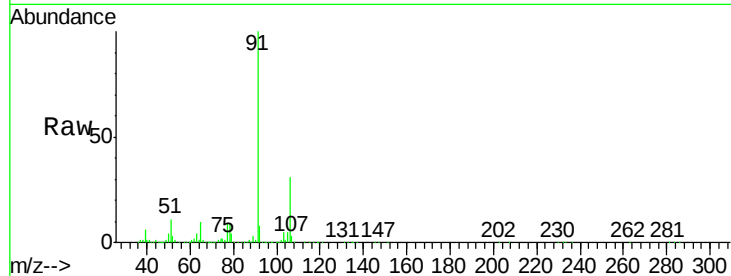
VSTDIC005

Tgt Ion: 91 Resp: 158351

Ion Ratio Lower Upper

91 100

106 31.4 24.1 36.1



#68

m/p-Xylenes

Concen: 10.669 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018458.D

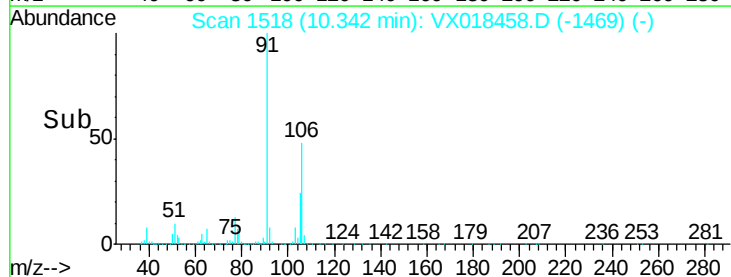
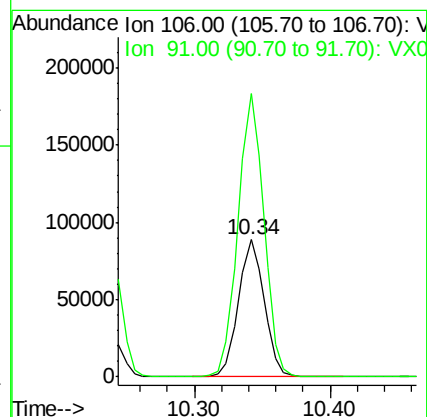
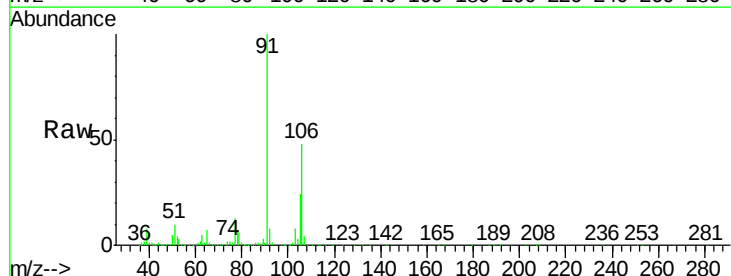
Acq: 17 Sep 2020 10:21

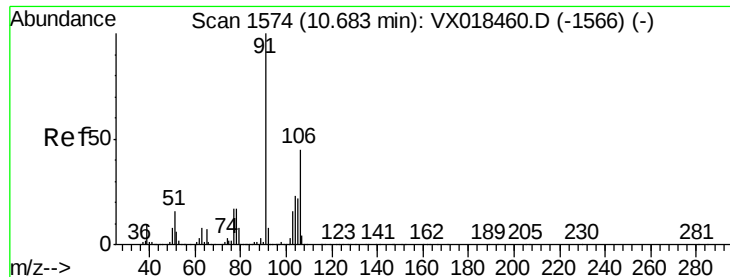
Tgt Ion: 106 Resp: 117332

Ion Ratio Lower Upper

106 100

91 207.5 163.8 245.6

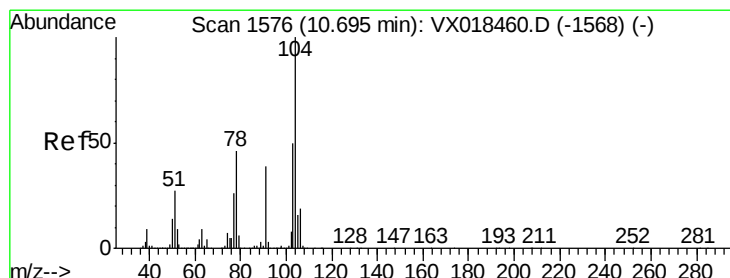
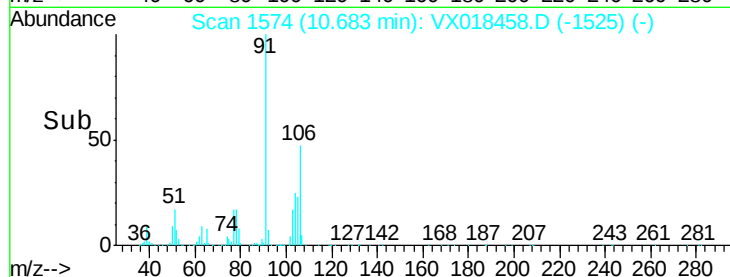
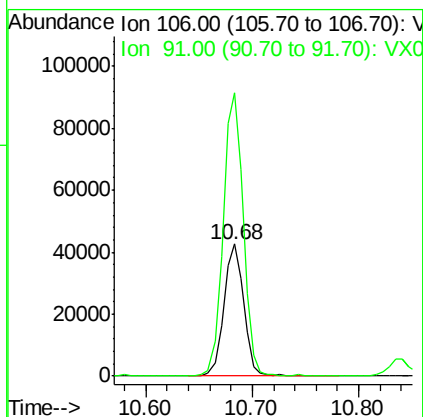
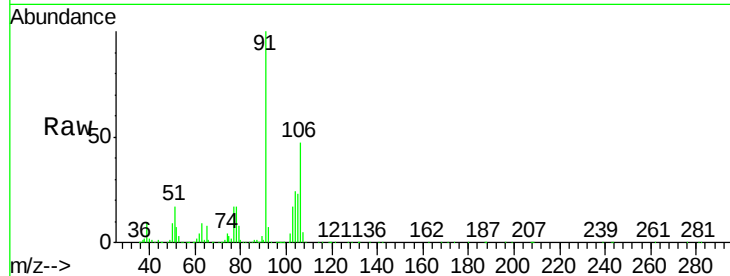




#69
o-Xylene
Concen: 5.228 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

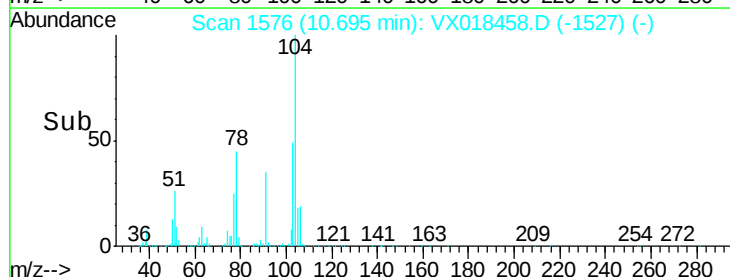
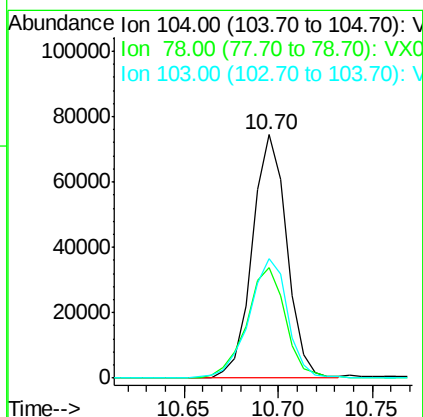
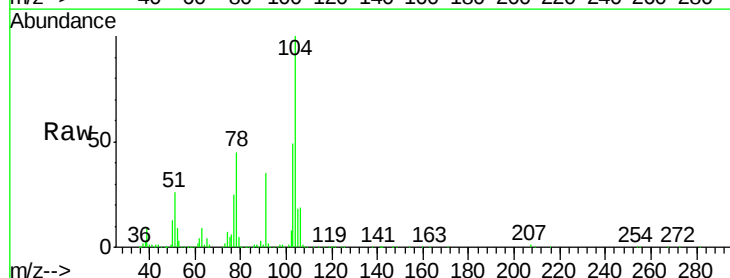
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

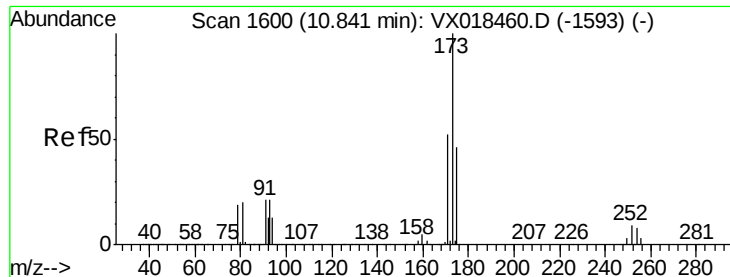
Tgt Ion:106 Resp: 55855
Ion Ratio Lower Upper
106 100
91 213.9 109.7 329.0



#70
Styrene
Concen: 5.188 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion:104 Resp: 94670
Ion Ratio Lower Upper
104 100
78 51.6 40.5 60.7
103 55.3 43.2 64.8

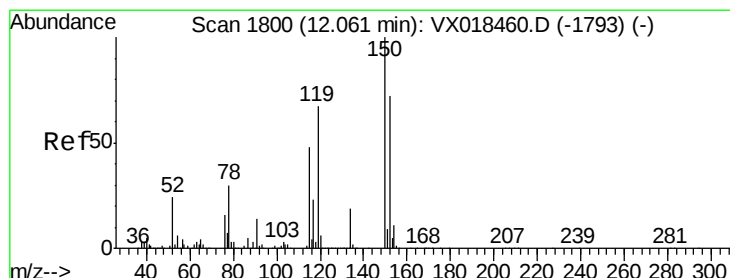
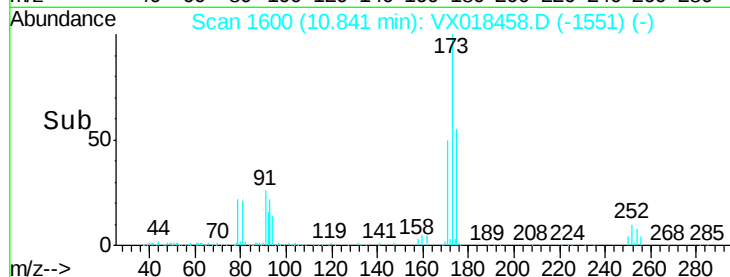
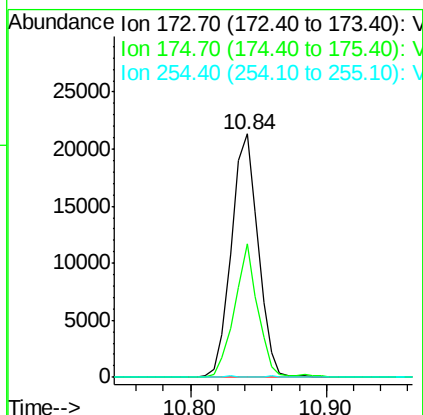
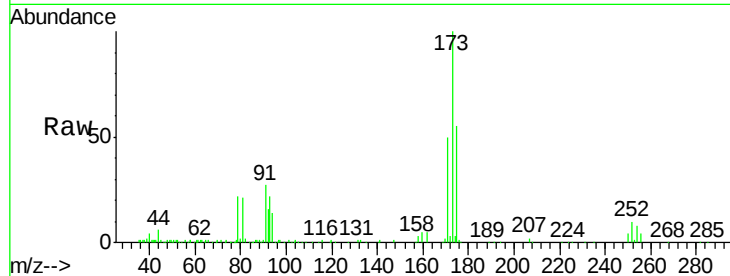




#71
Bromoform
Concen: 5.001 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

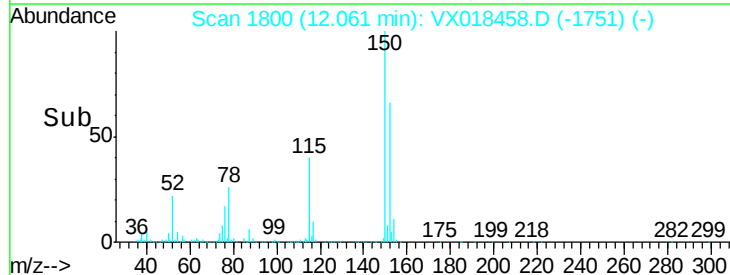
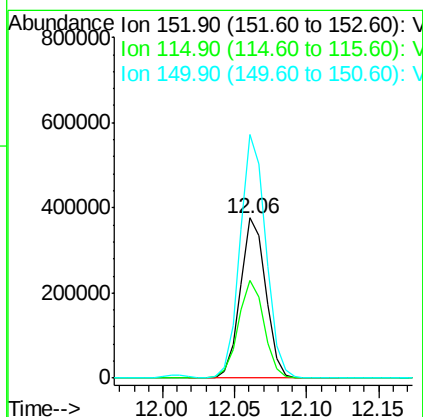
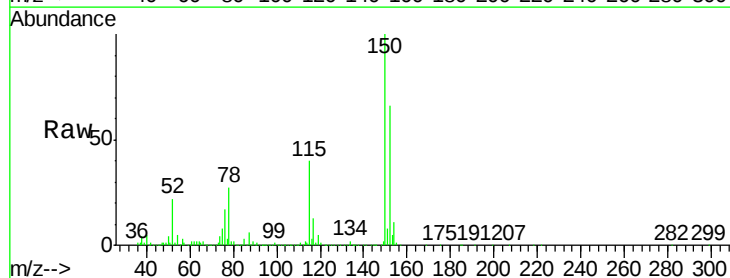
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

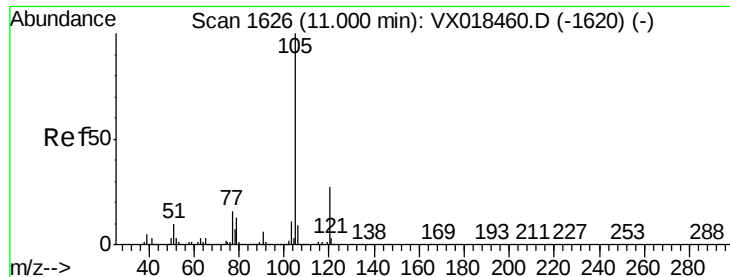
Tgt Ion:173 Resp: 29175
Ion Ratio Lower Upper
173 100
175 47.7 23.6 70.8
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion:152 Resp: 459953
Ion Ratio Lower Upper
152 100
115 61.9 41.8 125.4
150 154.0 0.0 342.4





#73

Isopropylbenzene

Concen: 4.960 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

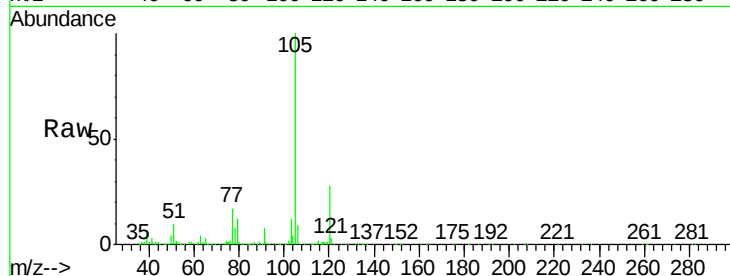
VSTDIC005

Tgt Ion: 105 Resp: 149923

Ion Ratio Lower Upper

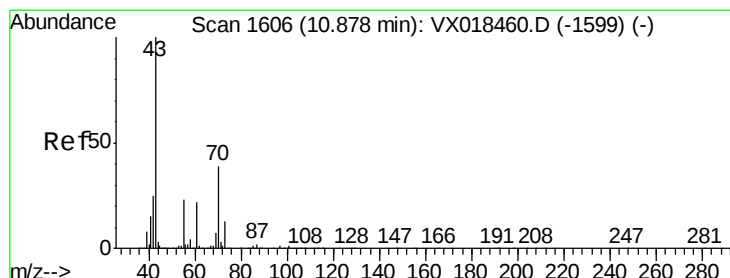
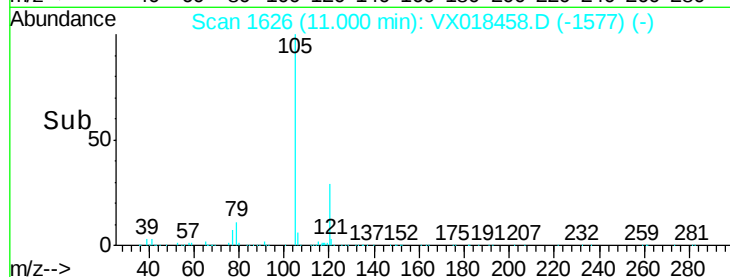
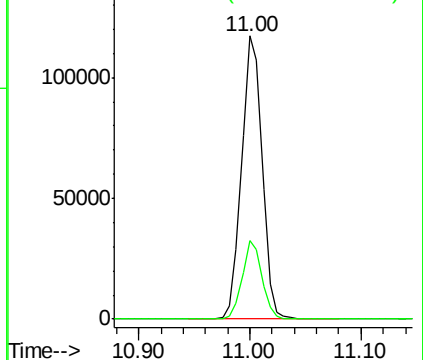
105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.401 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion: 43 Resp: 62468

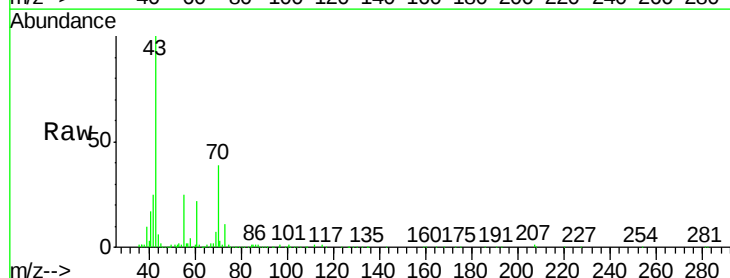
Ion Ratio Lower Upper

43 100

70 39.8 32.2 48.4

55 24.7 18.8 28.2

61 24.2 19.0 28.4

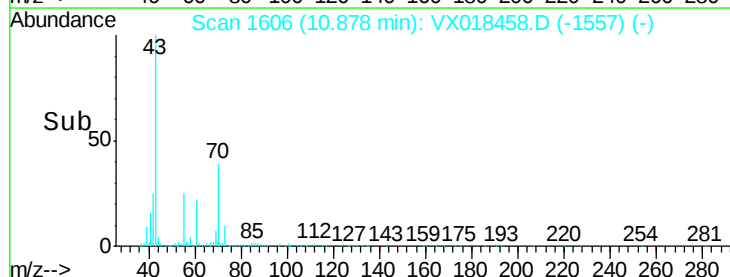
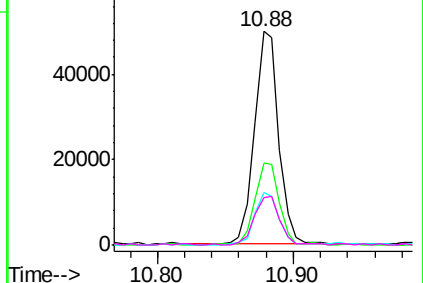


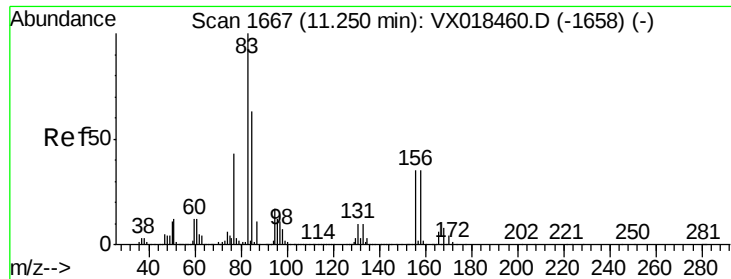
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 4.814 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

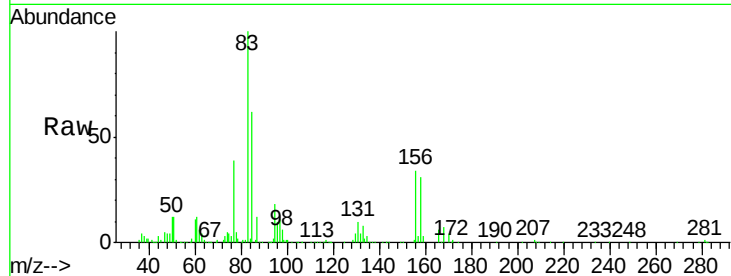
Tgt Ion: 83 Resp: 51217

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

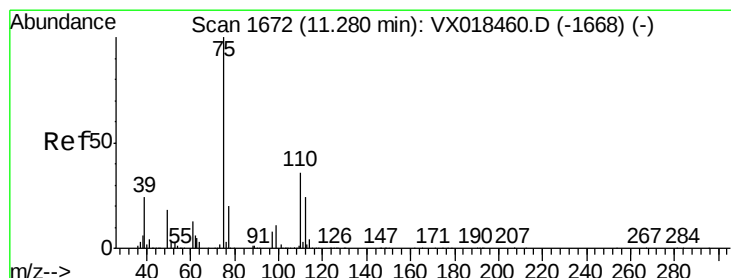
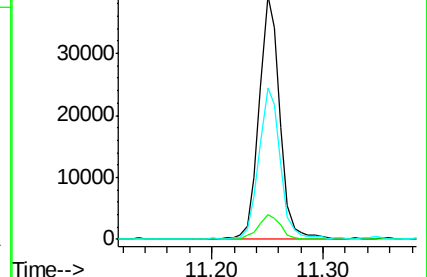
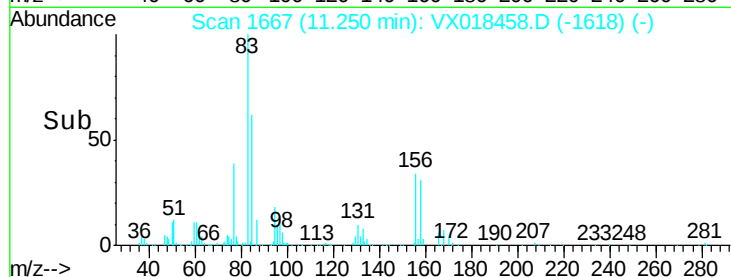
85 65.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.147 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018458.D

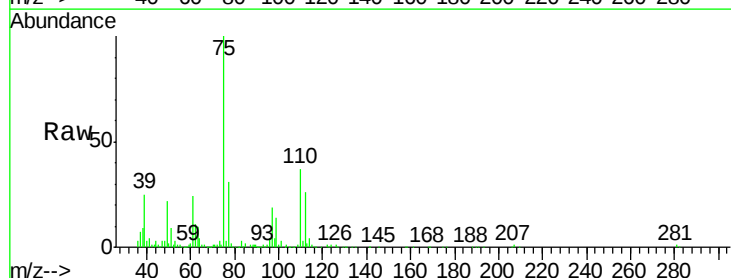
Acq: 17 Sep 2020 10:21

Tgt Ion: 75 Resp: 62439

Ion Ratio Lower Upper

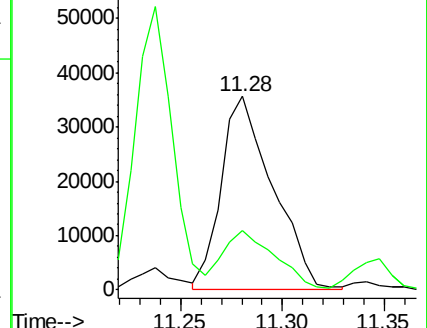
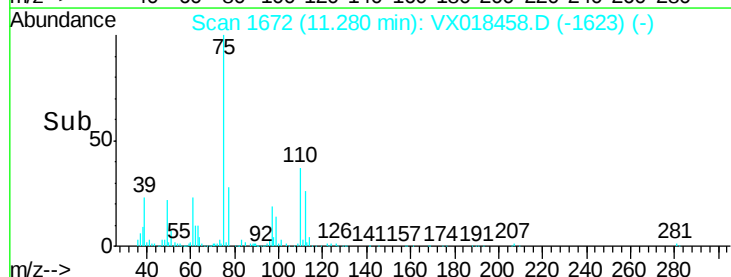
75 100

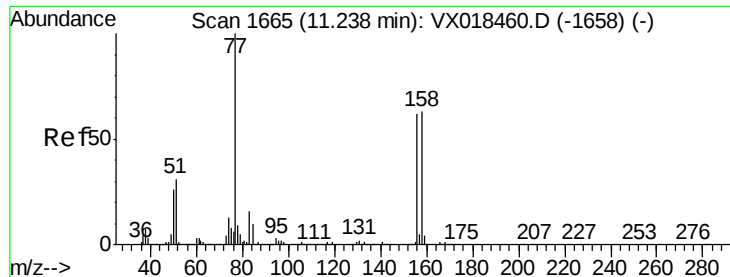
77 31.3 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.035 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

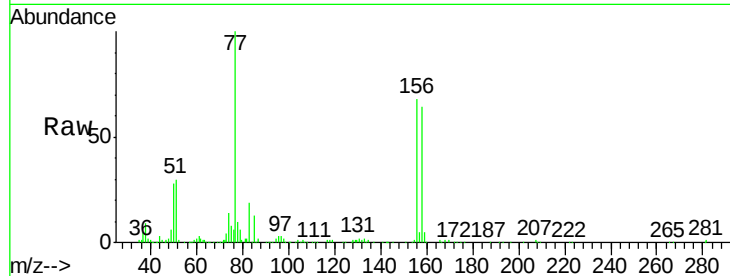
Tgt Ion:156 Resp: 42211

Ion Ratio Lower Upper

156 100

77 157.0 78.8 236.5

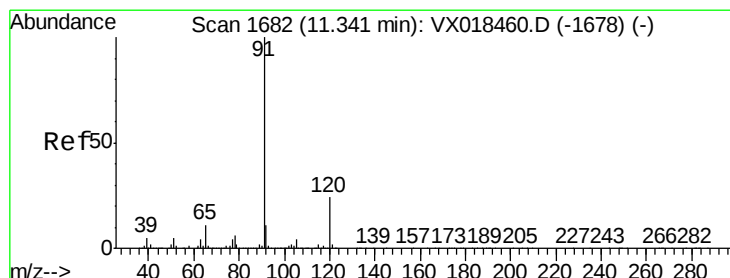
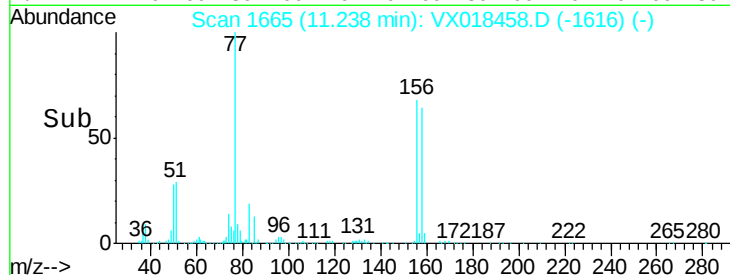
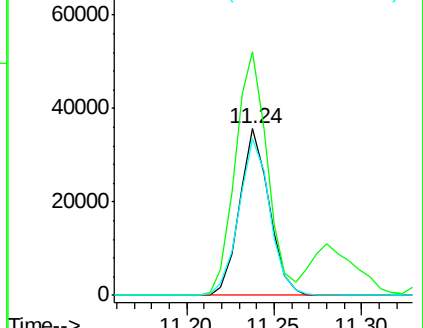
158 98.3 48.4 145.3



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: 5.069 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018458.D

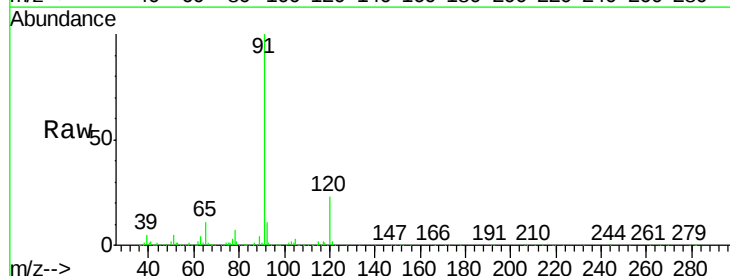
Acq: 17 Sep 2020 10:21

Tgt Ion: 91 Resp: 175227

Ion Ratio Lower Upper

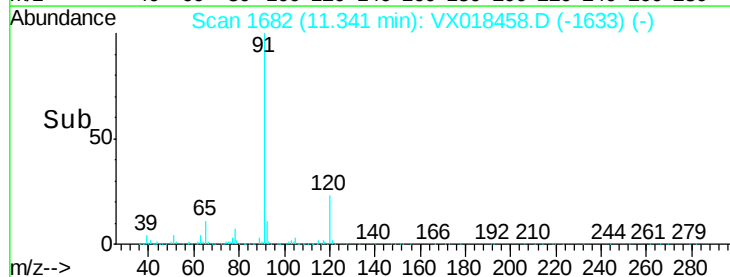
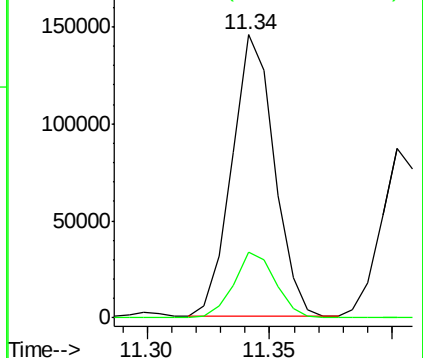
91 100

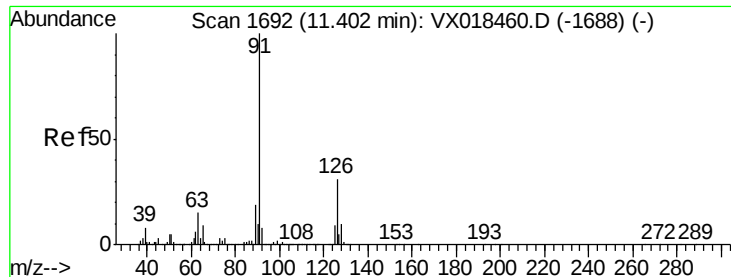
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

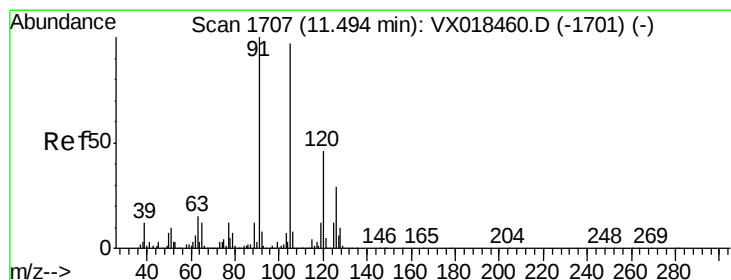
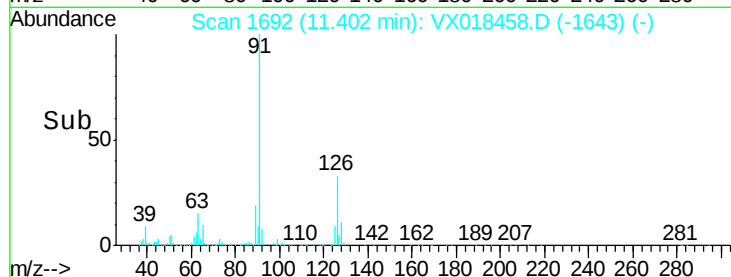
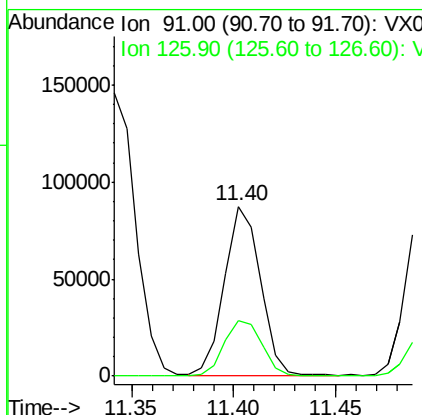
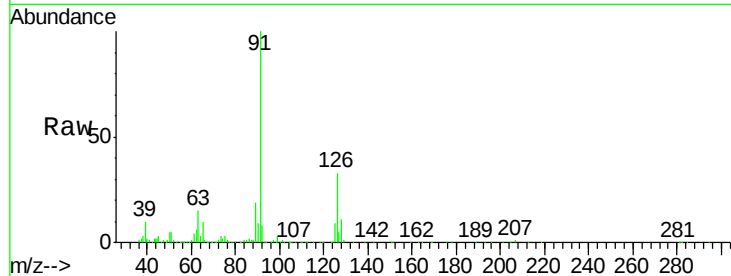




#79
2-Chlorotoluene
Concen: 5.018 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

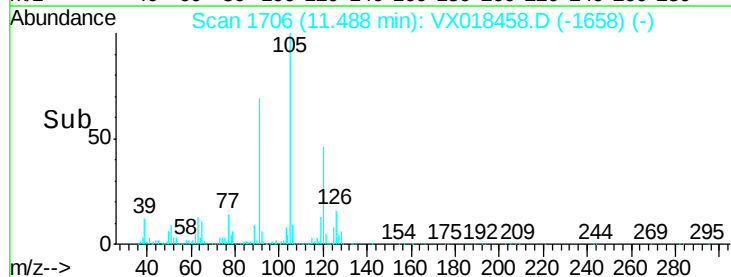
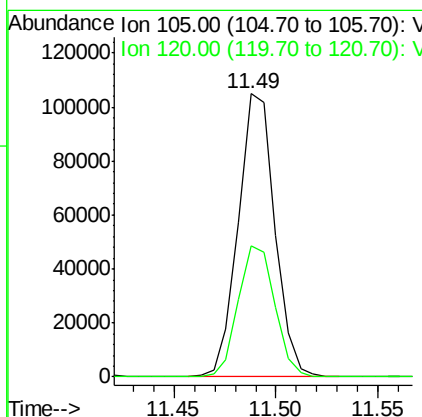
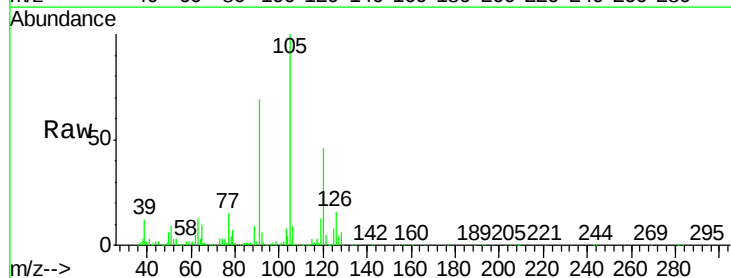
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

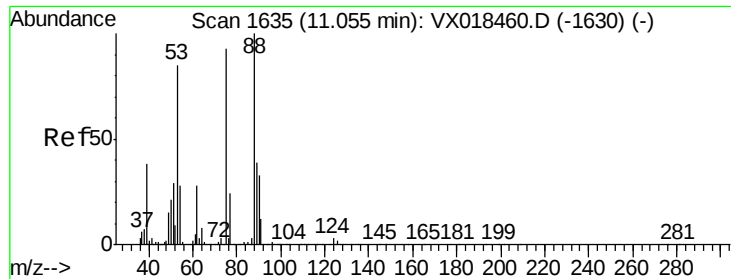
Tgt Ion: 91 Resp: 106678
Ion Ratio Lower Upper
91 100
126 34.7 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 5.231 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion: 105 Resp: 130447
Ion Ratio Lower Upper
105 100
120 46.5 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.689 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

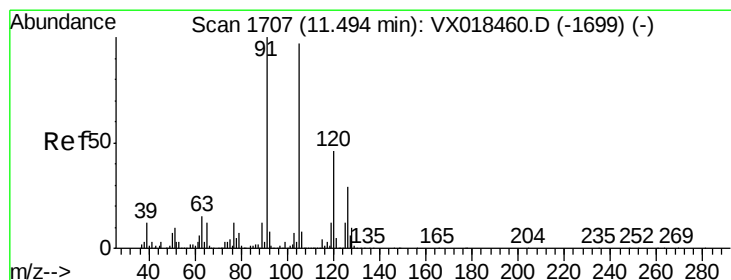
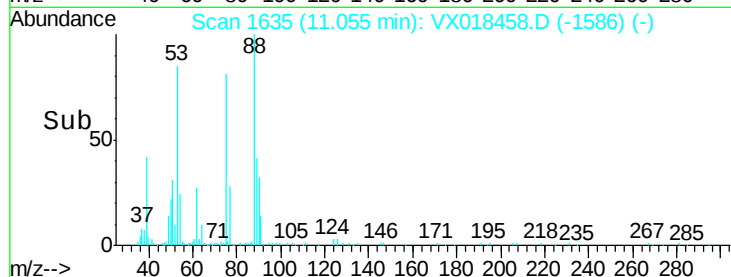
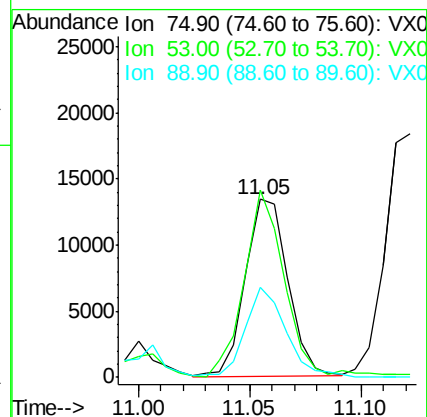
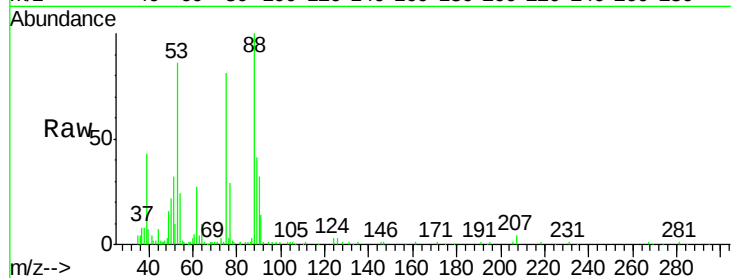
Tgt Ion: 75 Resp: 17737

Ion Ratio Lower Upper

75 100

53 101.2 74.6 111.8

89 49.2 36.2 54.4



#82

4-Chlorotoluene

Concen: 5.160 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018458.D

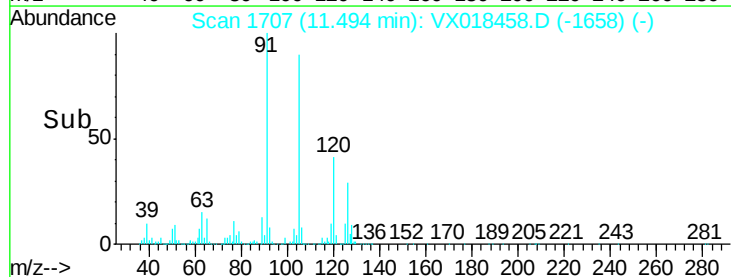
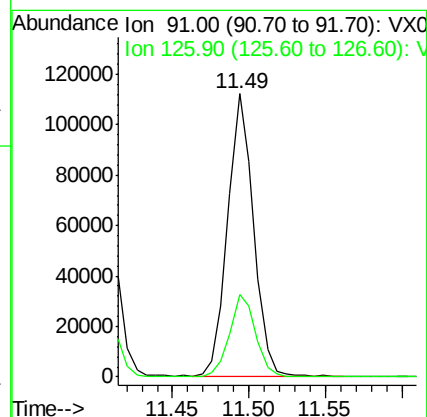
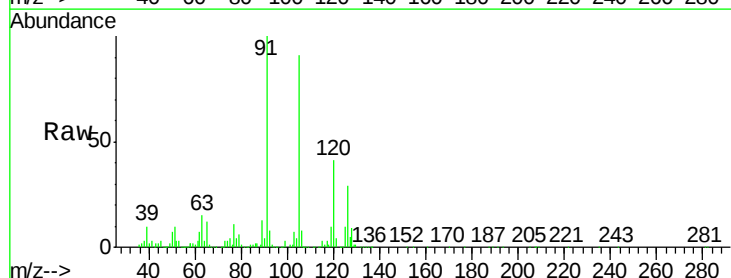
Acq: 17 Sep 2020 10:21

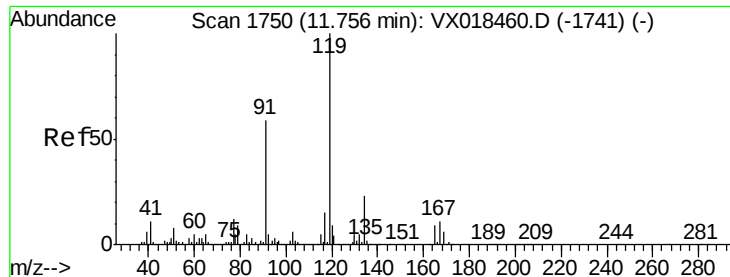
Tgt Ion: 91 Resp: 130570

Ion Ratio Lower Upper

91 100

126 29.9 15.0 45.0





#83

tert-Butylbenzene

Concen: 4.978 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

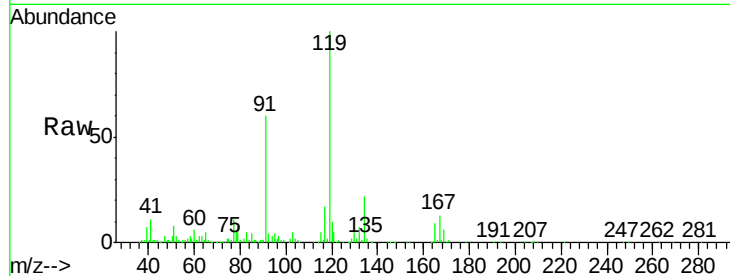
Tgt Ion:119 Resp: 122781

Ion Ratio Lower Upper

119 100

91 58.1 28.9 86.7

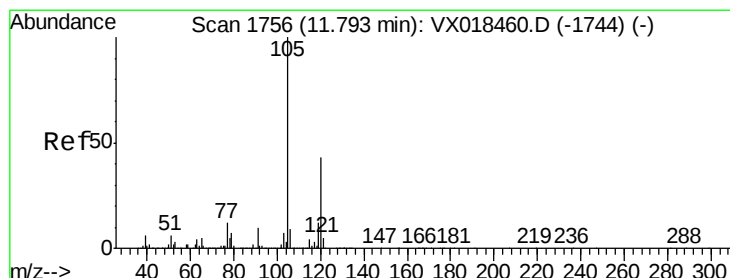
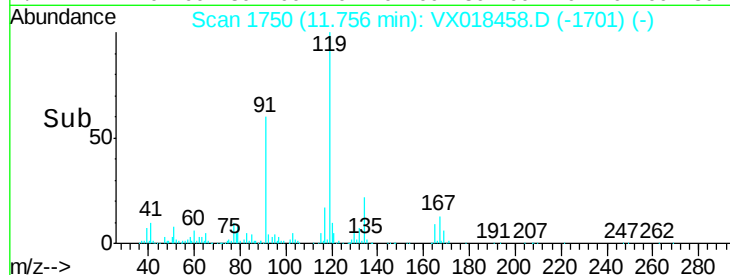
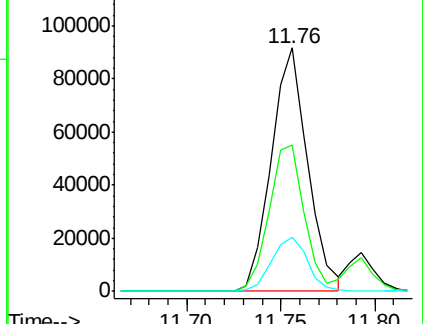
134 21.9 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.003 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018458.D

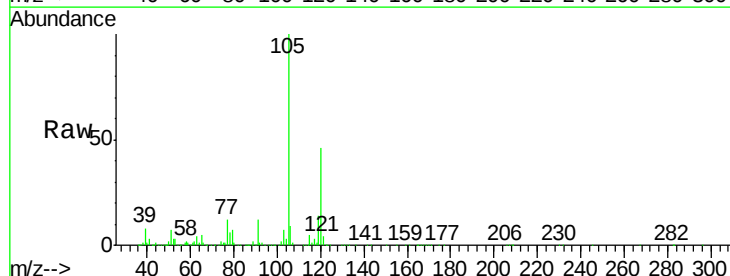
Acq: 17 Sep 2020 10:21

Tgt Ion:105 Resp: 127687

Ion Ratio Lower Upper

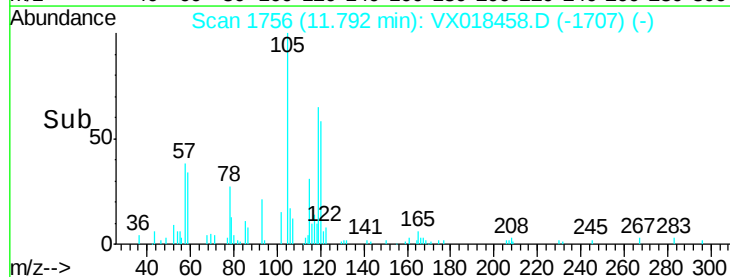
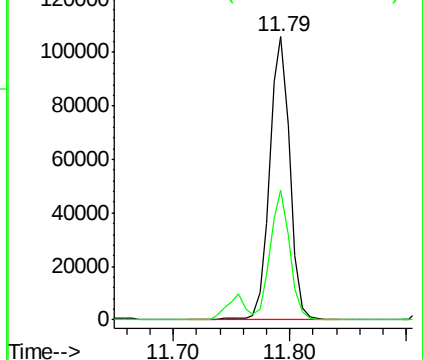
105 100

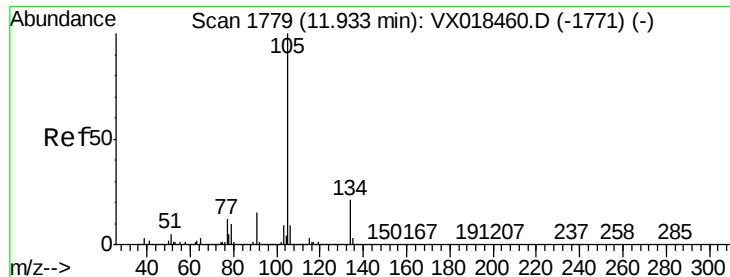
120 44.3 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

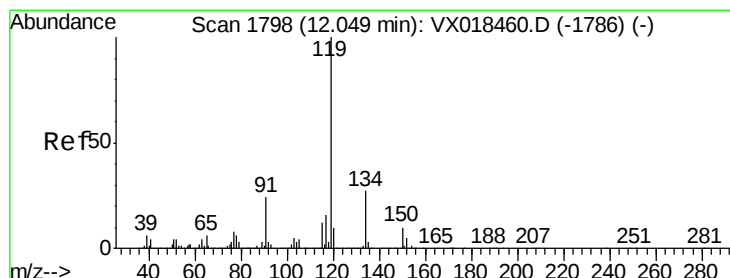
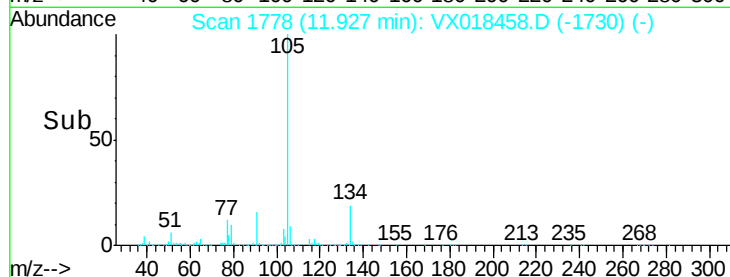
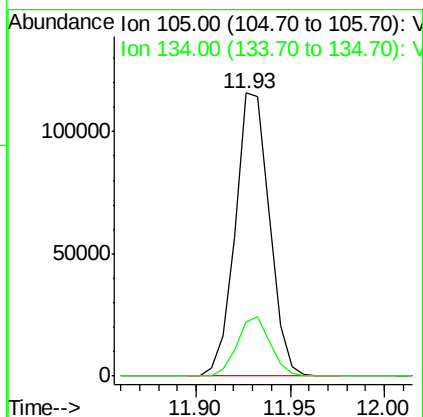
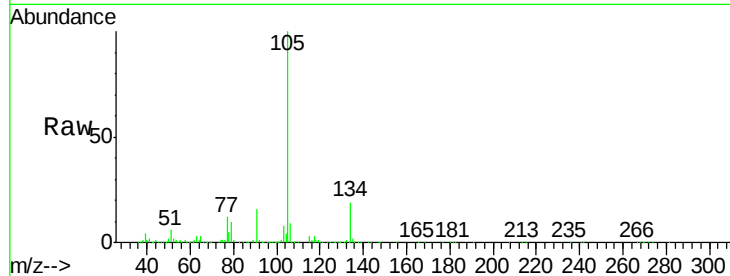




#85
 sec-Butylbenzene
 Concen: 5.200 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

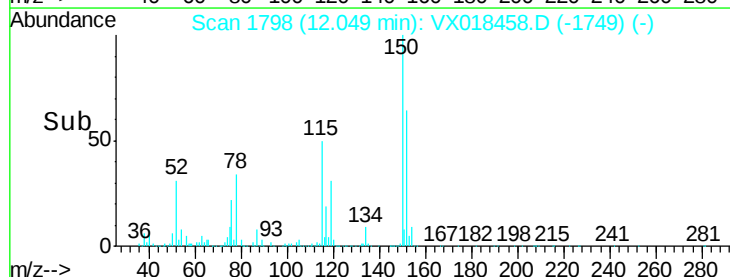
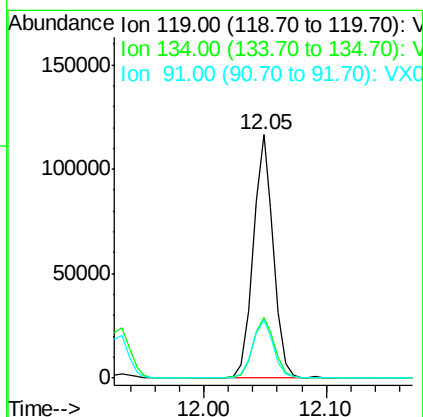
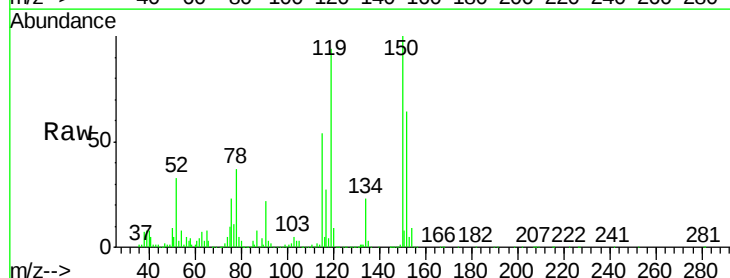
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

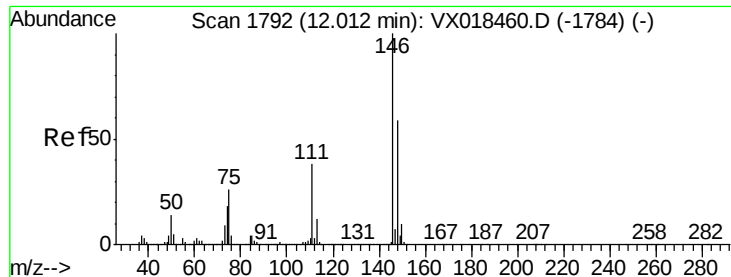
Tgt Ion:105 Resp: 146251
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 5.134 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion:119 Resp: 132812
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 25.1 11.9 35.9

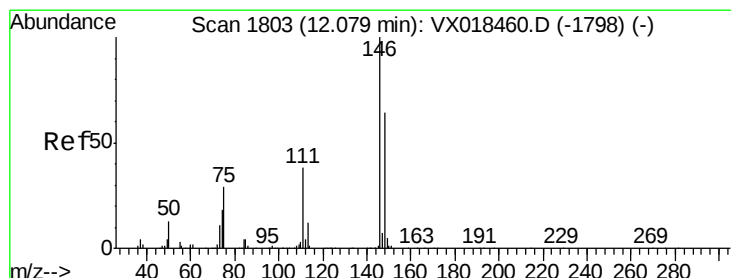
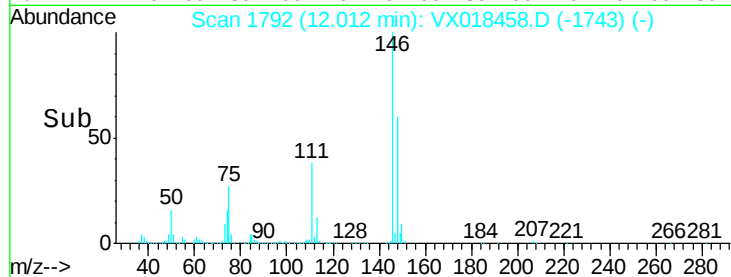
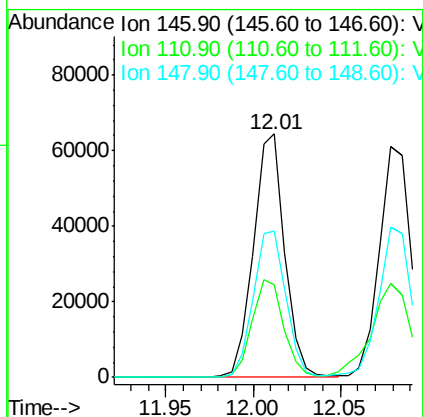
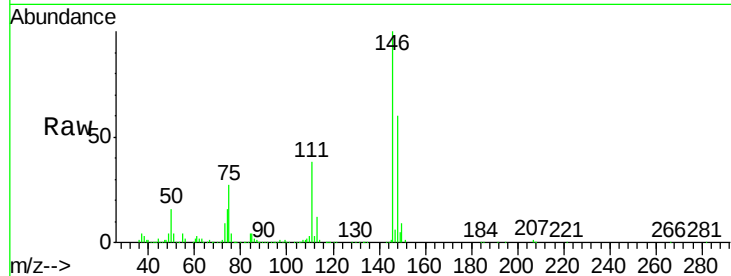




#87
 1,3-Dichlorobenzene
 Concen: 5.407 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

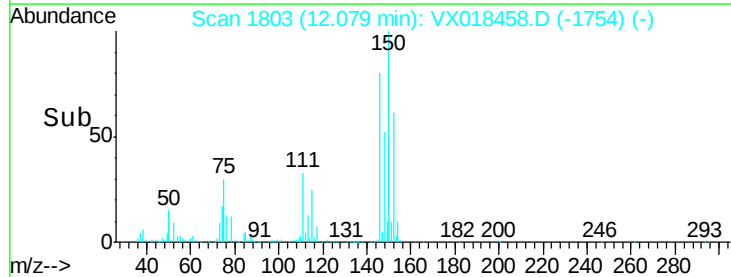
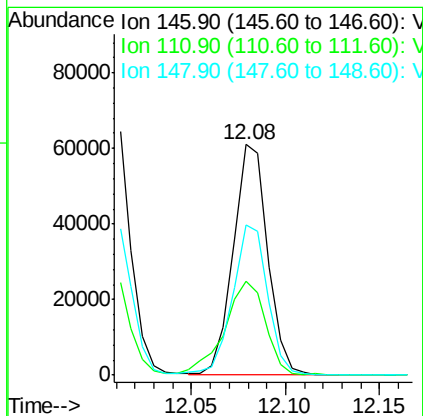
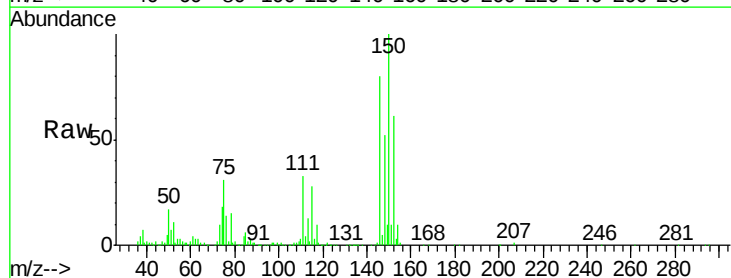
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

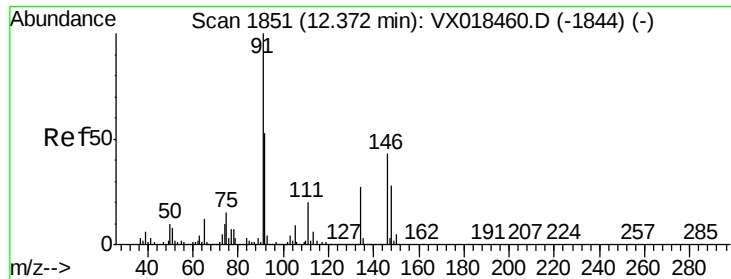
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	63.1	31.1	93.2



#88
 1,4-Dichlorobenzene
 Concen: 5.226 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.5	19.4	58.4
148	66.4	31.8	95.4

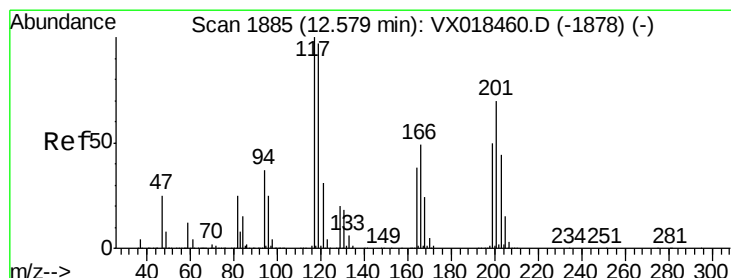
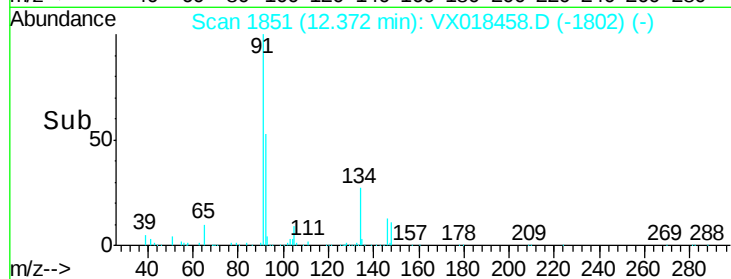
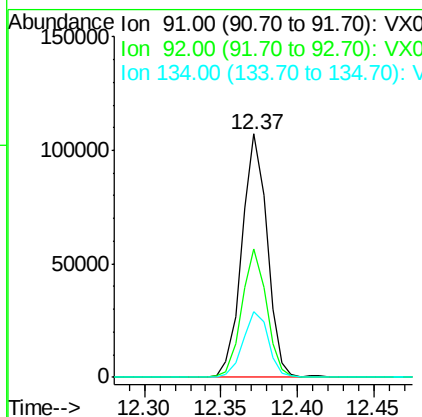
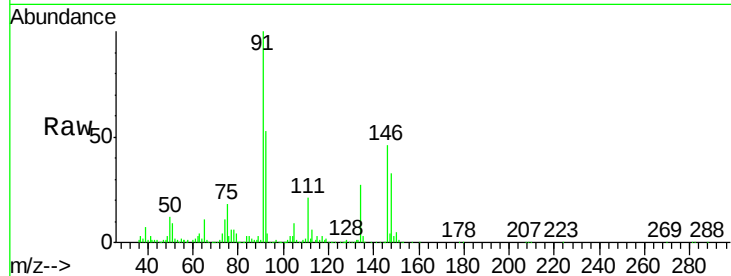




#89
n-Butylbenzene
Concen: 5.169 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

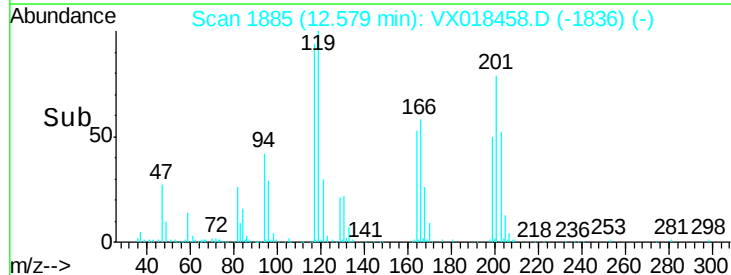
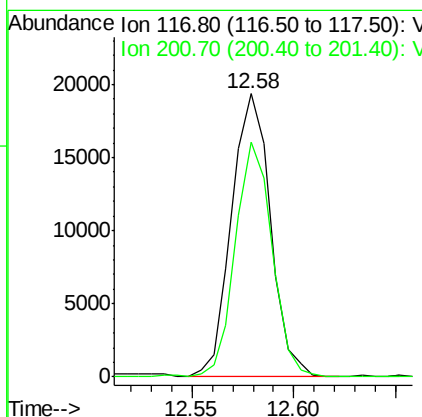
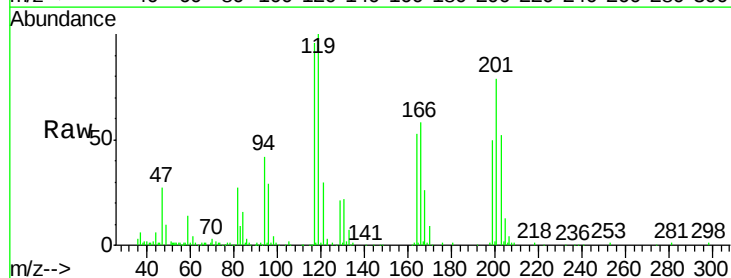
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

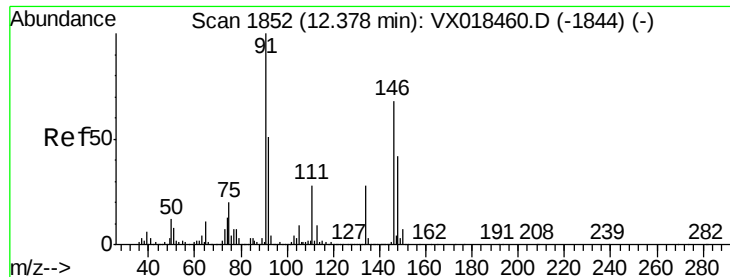
Tgt Ion: 91 Resp: 122661
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.2
134 27.3 13.3 39.8



#90
Hexachloroethane
Concen: 5.045 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion: 117 Resp: 25644
Ion Ratio Lower Upper
117 100
201 78.6 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 5.291 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

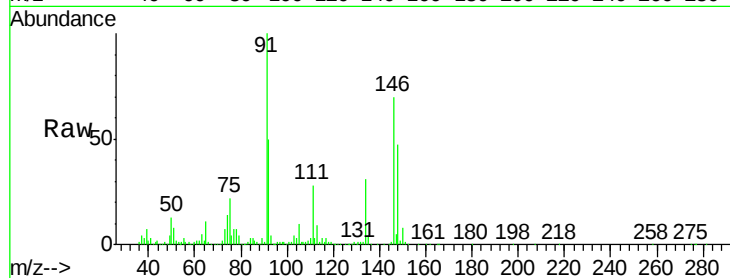
Tgt Ion:146 Resp: 73209

Ion Ratio Lower Upper

146 100

111 40.3 21.5 64.5

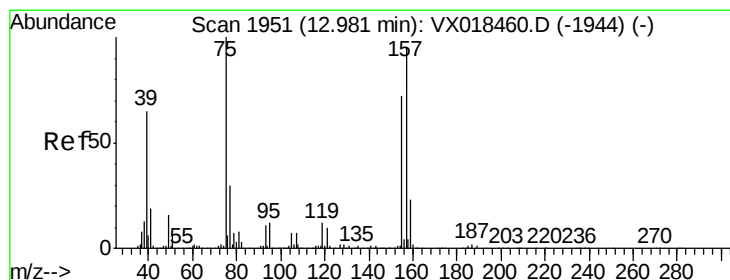
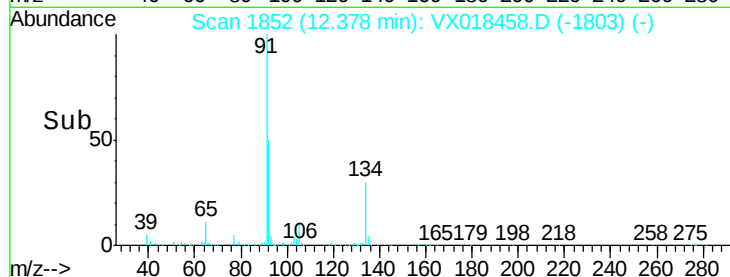
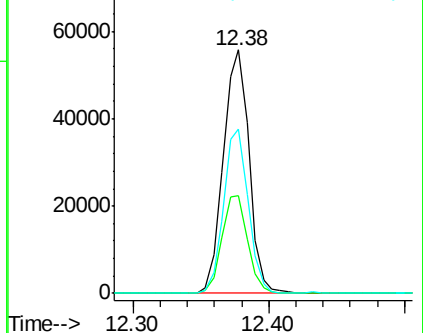
148 64.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.206 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

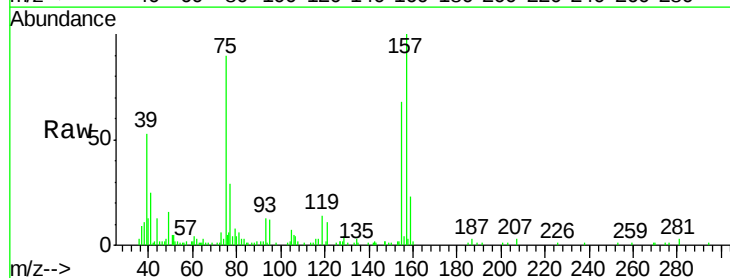
Tgt Ion: 75 Resp: 11206

Ion Ratio Lower Upper

75 100

155 77.9 38.8 116.4

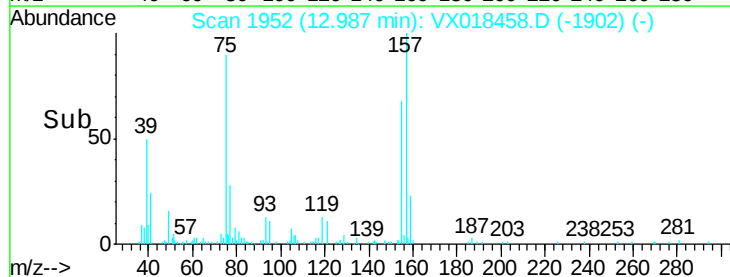
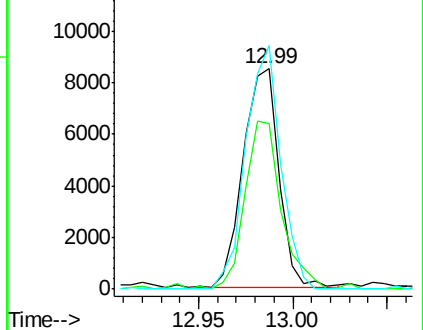
157 108.9 51.1 153.3

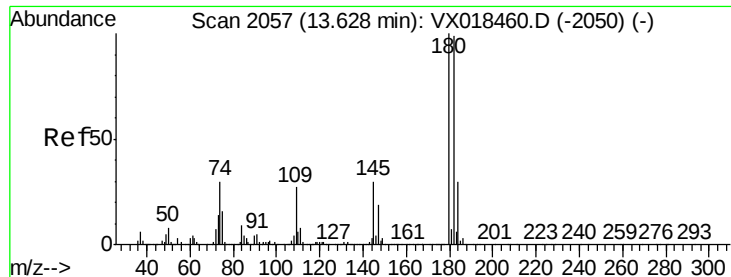


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

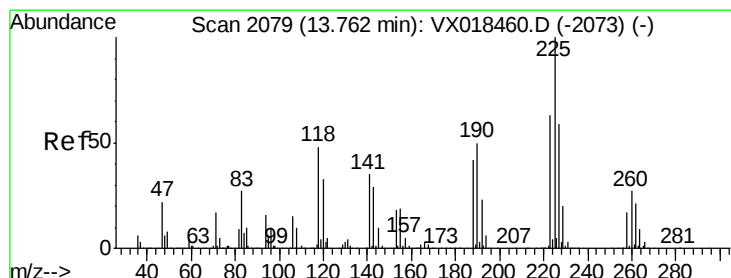
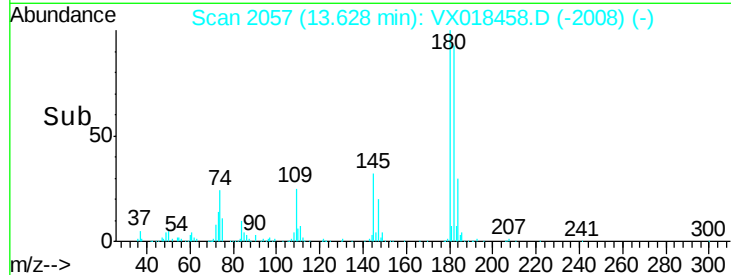
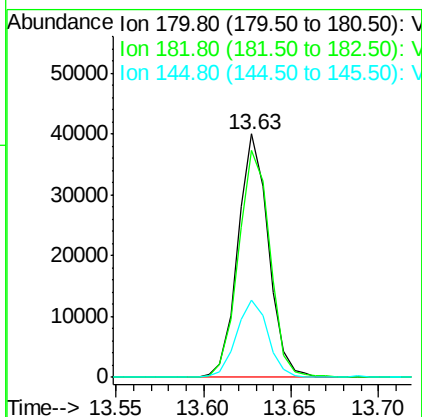
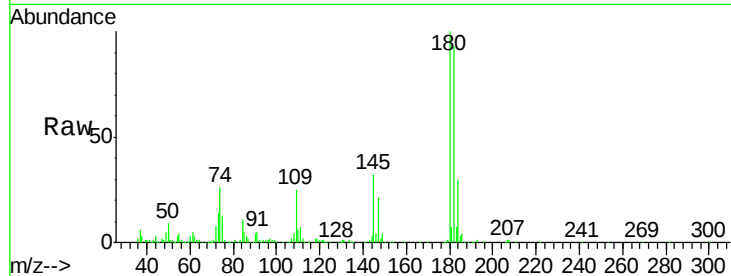




#93
 1,2,4-Trichlorobenzene
 Concen: 5.223 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

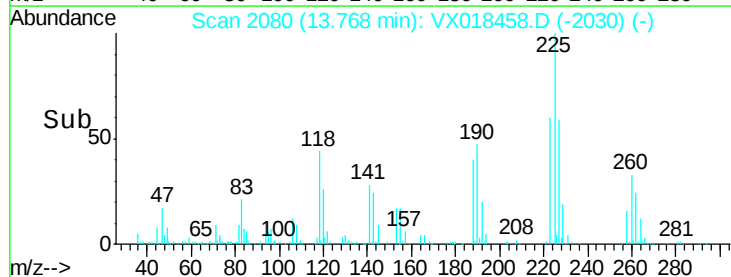
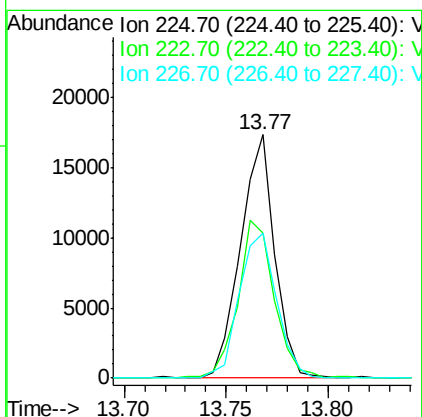
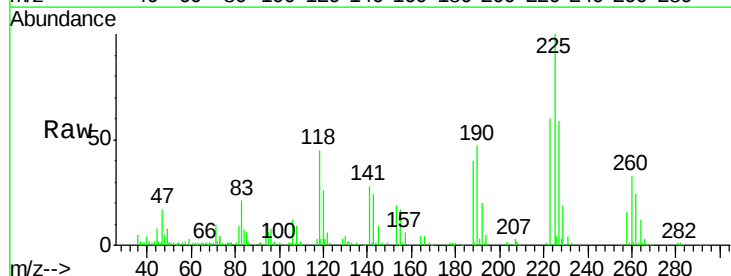
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

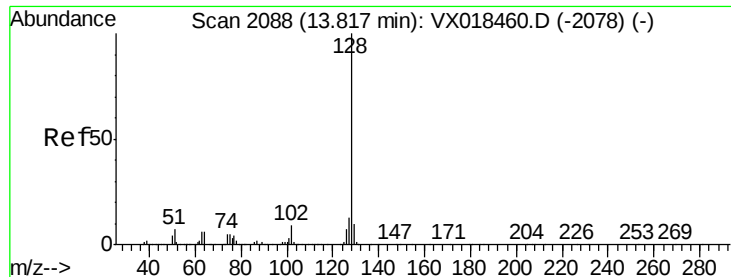
Tgt Ion:180 Resp: 48443
 Ion Ratio Lower Upper
 180 100
 182 96.3 50.2 150.6
 145 33.4 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 5.447 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion:225 Resp: 20244
 Ion Ratio Lower Upper
 225 100
 223 69.3 32.0 96.2
 227 65.3 31.7 95.1





#95

Naphthalene

Concen: 4.524 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

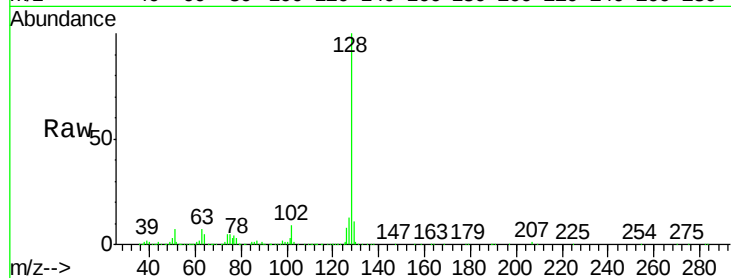
Tgt Ion:128 Resp: 137225

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

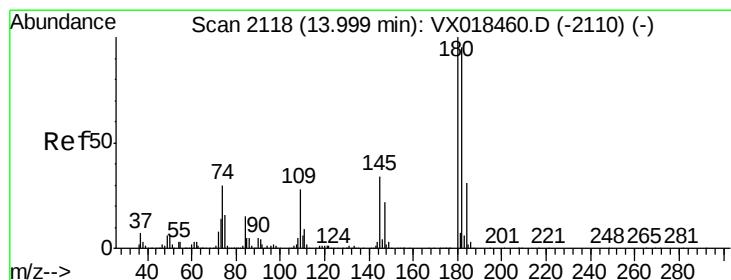
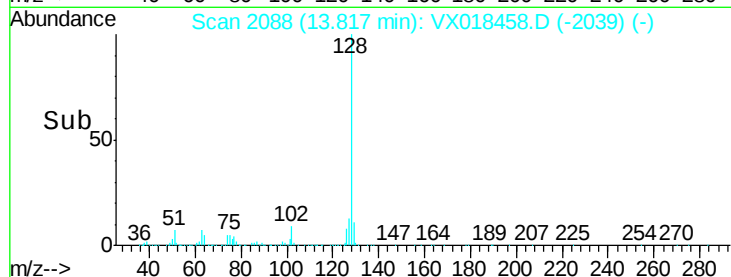
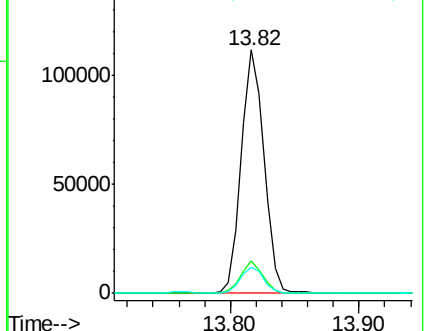
129 11.1 8.7 13.1



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: 5.155 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

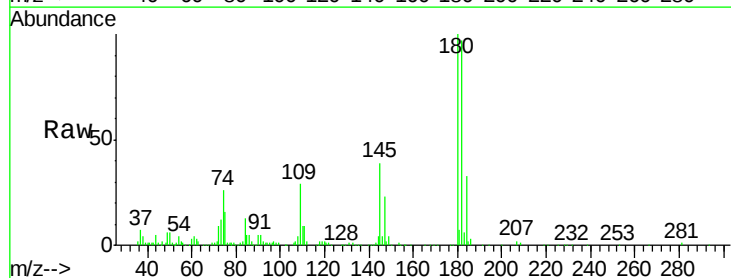
Tgt Ion:180 Resp: 47425

Ion Ratio Lower Upper

180 100

182 91.3 47.1 141.3

145 33.2 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

