

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX071320\
 Data File : VX017348.D
 Acq On : 13 Jul 2020 10:38
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 13 12:02:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 13 11:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	300204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	452991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	435251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	21536	5.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.52%	
35) Dibromofluoromethane	5.47	113	17497	6.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.02%	
50) Toluene-d8	8.70	98	58169	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	
62) 4-Bromofluorobenzene	11.12	95	21994	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	11330	3.932	ug/l	98
3) Chloromethane	1.32	50	13553	3.961	ug/l	99
4) Vinyl Chloride	1.39	62	13467	4.182	ug/l	99
5) Bromomethane	1.62	94	9874	5.594	ug/l	98
6) Chloroethane	1.71	64	8778	4.576	ug/l	96
7) Trichlorofluoromethane	1.92	101	23781	4.877	ug/l	92
8) Diethyl Ether	2.17	74	8399	4.771	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	13382	4.658	ug/l	96
10) Methyl Iodide	2.49	142	11839	3.230	ug/l	99
11) Tert butyl alcohol	3.02	59	15375	22.141	ug/l	96
12) 1,1-Dichloroethene	2.35	96	13680	4.664	ug/l	91
13) Acrolein	2.27	56	7178	17.418	ug/l	91
14) Allyl chloride	2.71	41	23718	4.399	ug/l	97
15) Acrylonitrile	3.12	53	38365	22.887	ug/l	98
16) Acetone	2.42	43	32729	23.805	ug/l	99
17) Carbon Disulfide	2.55	76	39158	4.351	ug/l	98
18) Methyl Acetate	2.75	43	17034	4.787	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	45075	4.557	ug/l	100
20) Methylene Chloride	2.83	84	16669	4.775	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	15662	4.782	ug/l	88
22) Diisopropyl ether	3.82	45	45219	4.535	ug/l	94
23) Vinyl Acetate	3.79	43	193688	22.517	ug/l	97
24) 1,1-Dichloroethane	3.67	63	27468	4.820	ug/l	95
25) 2-Butanone	4.64	43	52696	23.166	ug/l	94
26) 2,2-Dichloropropane	4.55	77	25715	5.026	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	16747	4.539	ug/l	95
28) Bromochloromethane	4.98	49	12206	4.417	ug/l #	7
29) Tetrahydrofuran	5.10	42	33501	22.387	ug/l	99
30) Chloroform	5.18	83	29137	4.946	ug/l	94
31) Cyclohexane	5.55	56	20322	4.168	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	26390	4.842	ug/l	95
36) 1,1-Dichloropropene	5.77	75	21157	4.940	ug/l	98
37) Ethyl Acetate	4.80	43	20133	4.659	ug/l #	93
38) Carbon Tetrachloride	5.76	117	24327	5.105	ug/l	96

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Jul 13 12:02:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 13 11:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	21464	4.526	ug/l	99
40) Benzene	6.12	78	60664	4.836	ug/l	99
41) Methacrylonitrile	5.01	41	11213	4.610	ug/l	96
42) 1,2-Dichloroethane	6.17	62	23495	5.129	ug/l	99
43) Isopropyl Acetate	6.42	43	32186	4.476	ug/l	98
44) Trichloroethene	7.19	130	18784	4.935	ug/l	99
45) 1,2-Dichloropropane	7.49	63	14890	4.624	ug/l	98
46) Dibromomethane	7.63	93	11474	5.185	ug/l	98
47) Bromodichloromethane	7.88	83	23588	5.160	ug/l #	99
48) Methyl methacrylate	7.74	41	15130	4.433	ug/l	95
49) 1,4-Dioxane	7.71	88	6809	88.878	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	101787	23.691	ug/l	99
52) Toluene	8.77	92	38258	4.861	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	23707	4.704	ug/l	92
54) cis-1,3-Dichloropropene	8.41	75	26023	4.827	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	16080	4.978	ug/l	95
56) Ethyl methacrylate	9.16	69	20408	4.455	ug/l	98
57) 1,3-Dichloropropane	9.35	76	26464	4.859	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	53256	23.269	ug/l	98
59) 2-Hexanone	9.48	43	75424	23.904	ug/l	96
60) Dibromochloromethane	9.57	129	19625	5.190	ug/l	97
61) 1,2-Dibromoethane	9.65	107	17441	5.016	ug/l	98
64) Tetrachloroethene	9.32	164	19855	5.573	ug/l	91
65) Chlorobenzene	10.12	112	43625	4.853	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	17739	5.086	ug/l	98
67) Ethyl Benzene	10.23	91	70956	4.735	ug/l	99
68) m/p-Xylenes	10.34	106	54155	9.413	ug/l	99
69) o-Xylene	10.68	106	25352	4.618	ug/l	97
70) Styrene	10.69	104	42934	4.599	ug/l	99
71) Bromoform	10.84	173	14044	5.041	ug/l #	99
73) Isopropylbenzene	11.00	105	69698	4.727	ug/l	100
74) N-amyl acetate	10.88	43	26169	4.210	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	21782	4.724	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	28040	6.371	ug/l	86
77) Bromobenzene	11.24	156	19631	4.805	ug/l	91
78) n-propylbenzene	11.34	91	76809	4.604	ug/l	98
79) 2-Chlorotoluene	11.40	91	49731	4.925	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	57656	4.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	7835	4.624	ug/l	93
82) 4-Chlorotoluene	11.49	91	57249	4.736	ug/l	98
83) tert-Butylbenzene	11.76	119	54302	4.513	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	58126	4.669	ug/l	99
85) sec-Butylbenzene	11.93	105	65151	4.610	ug/l	100
86) p-Isopropyltoluene	12.05	119	60594	4.612	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	35771	4.815	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	38251	5.047	ug/l	95
89) n-Butylbenzene	12.37	91	50648	4.333	ug/l	99
90) Hexachloroethane	12.58	117	11944	4.622	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	34536	5.001	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5377	4.829	ug/l	98

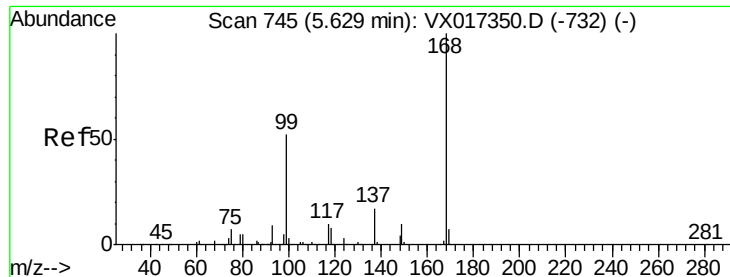
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071320\
Data File : VX017348.D
Acq On : 13 Jul 2020 10:38
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 13 12:02:54 2020
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Quant Title : SW846 8260
QLast Update : Mon Jul 13 11:59:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	21897	4.626	ug/l	97
94) Hexachlorobutadiene	13.76	225	9754	5.039	ug/l	97
95) Naphthalene	13.82	128	60980	4.284	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	21559	4.717	ug/l	100

(#) = 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: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

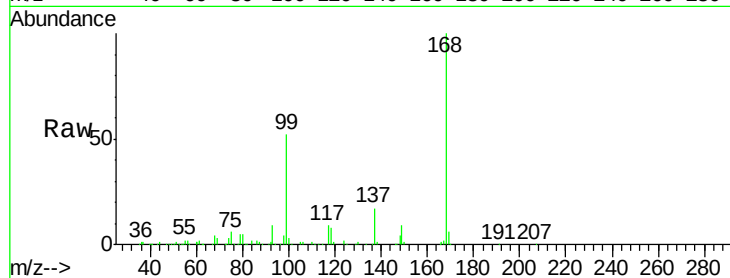
VSTDIC005

Tgt Ion:168 Resp: 300204

Ion Ratio Lower Upper

168 100

99 51.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

60000

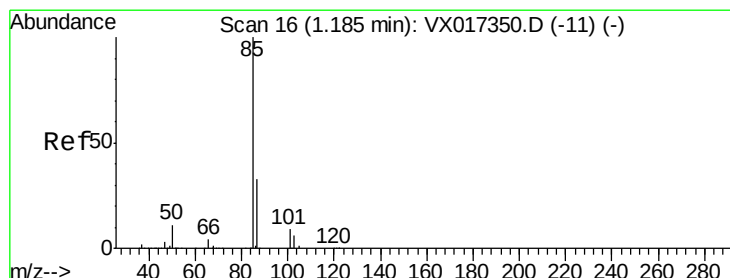
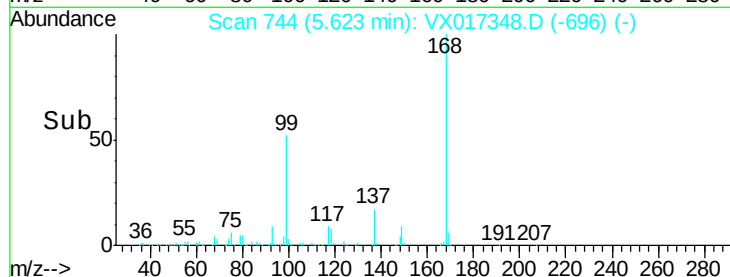
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 3.932 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017348.D

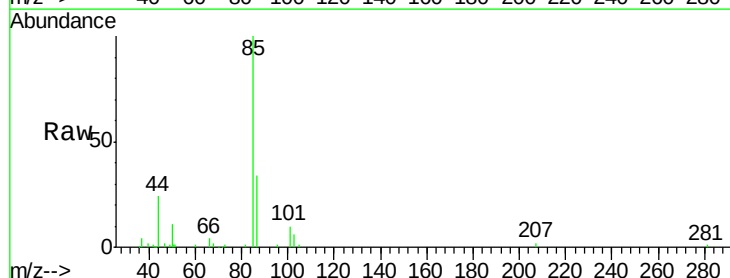
Acq: 13 Jul 2020 10:38

Tgt Ion: 85 Resp: 11330

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

15000

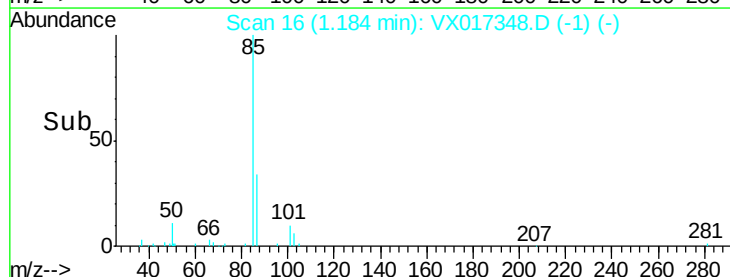
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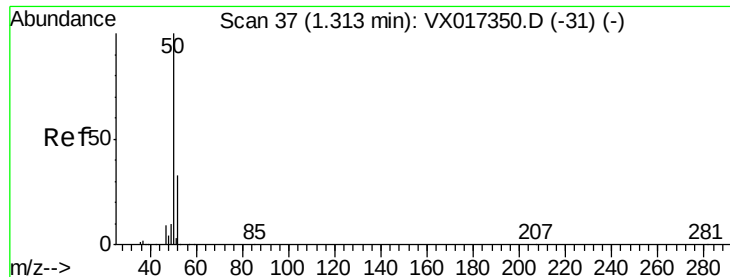
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 3.961 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

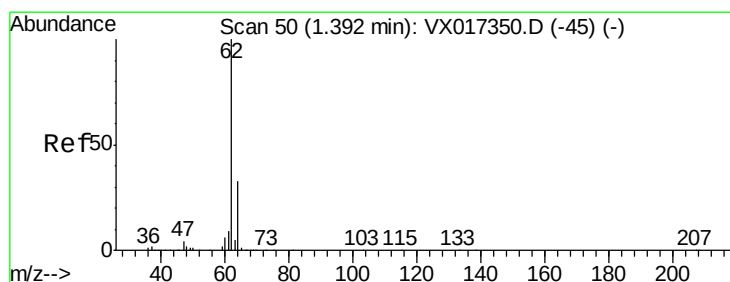
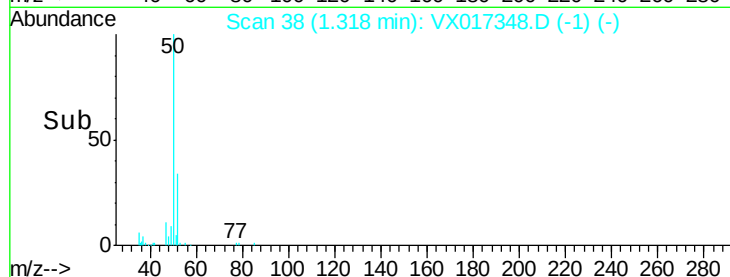
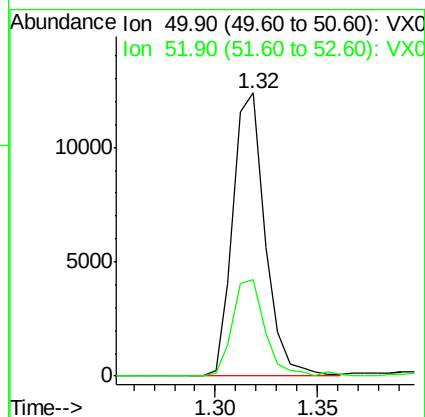
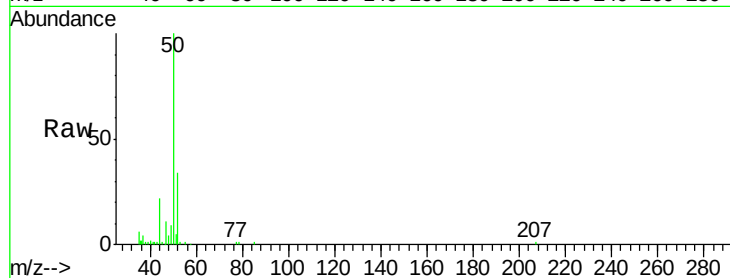
VSTDIC005

Tgt Ion: 50 Resp: 13553

Ion Ratio Lower Upper

50 100

52 33.9 26.7 40.1



#4

Vinyl Chloride

Concen: 4.182 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017348.D

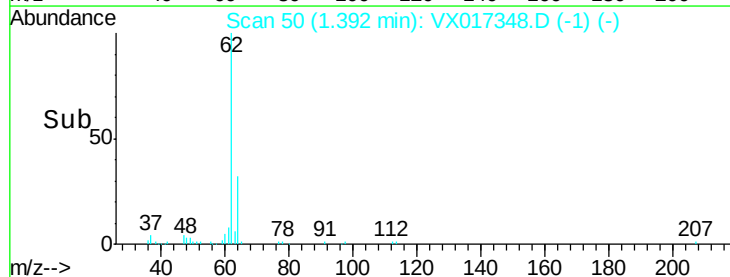
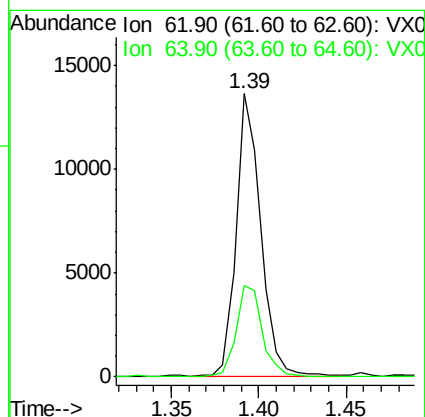
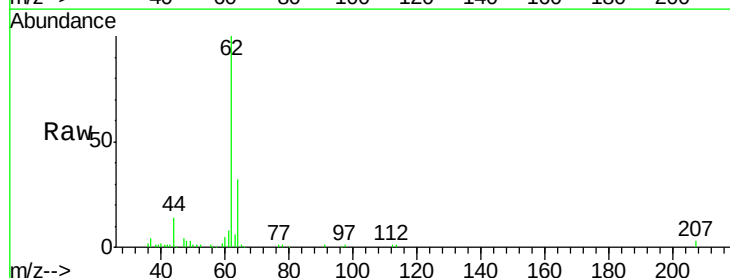
Acq: 13 Jul 2020 10:38

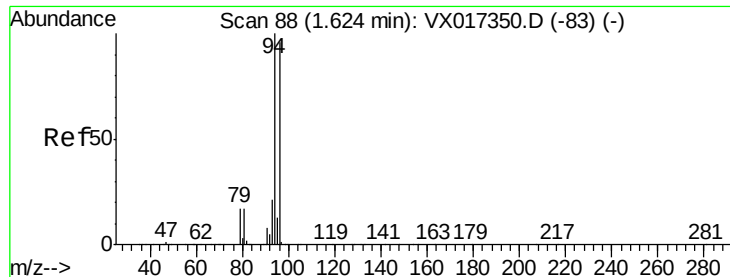
Tgt Ion: 62 Resp: 13467

Ion Ratio Lower Upper

62 100

64 32.1 26.3 39.5





#5

Bromomethane

Concen: 5.594 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

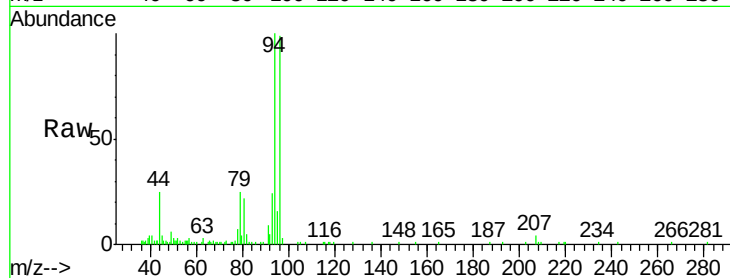
VSTDIC005

Tgt Ion: 94 Resp: 9874

Ion Ratio Lower Upper

94 100

96 97.5 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

8000

6000

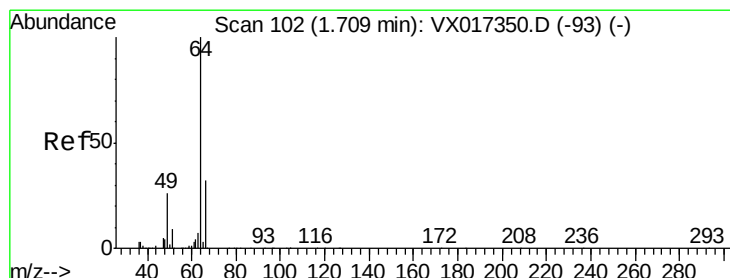
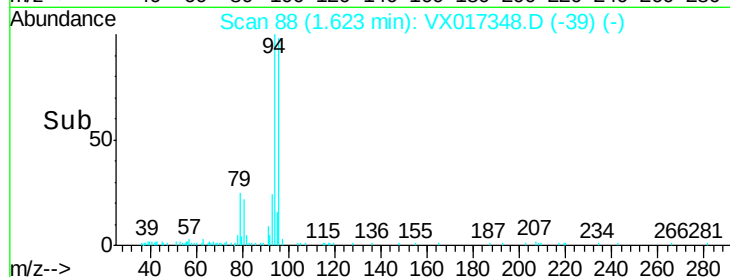
4000

2000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 4.576 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017348.D

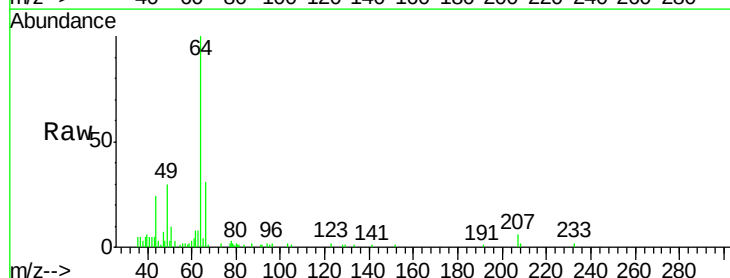
Acq: 13 Jul 2020 10:38

Tgt Ion: 64 Resp: 8778

Ion Ratio Lower Upper

64 100

66 29.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

6000

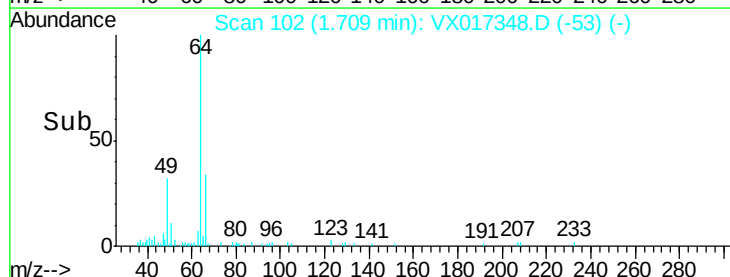
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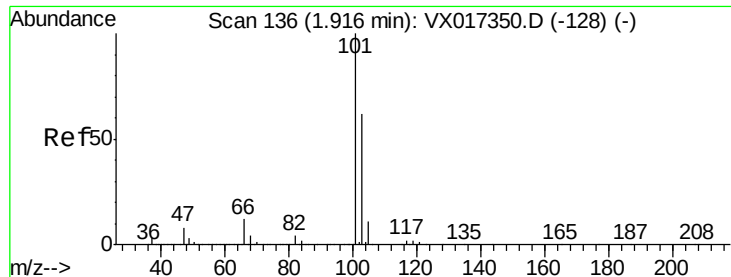
2000

0

Time-->

1.60 1.70 1.80



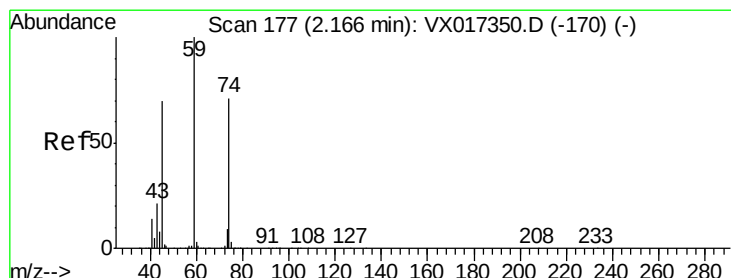
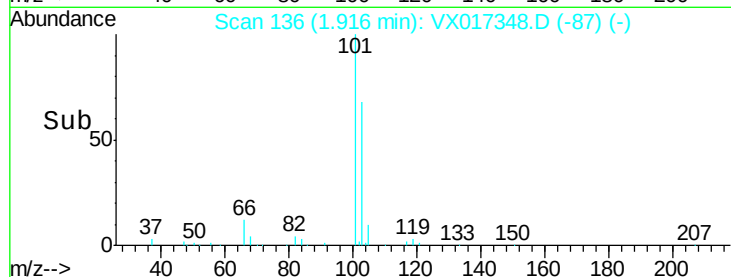
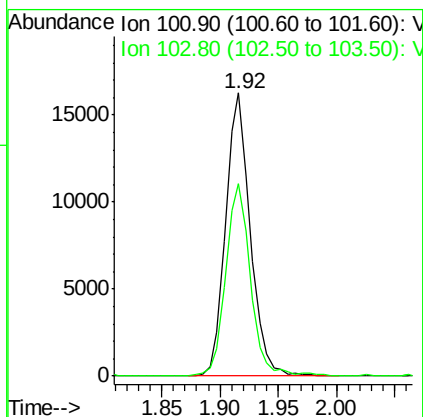
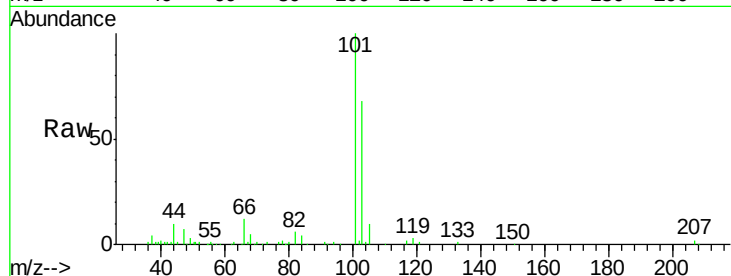


#7

Trichlorofluoromethane
Concen: 4.877 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

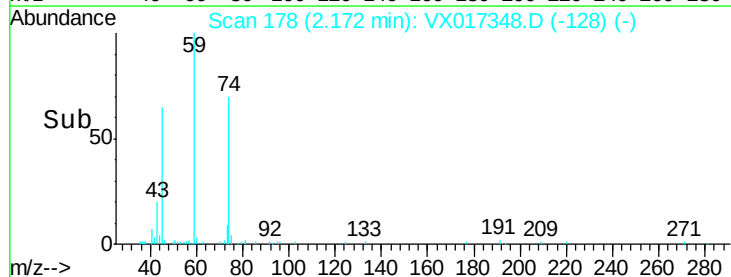
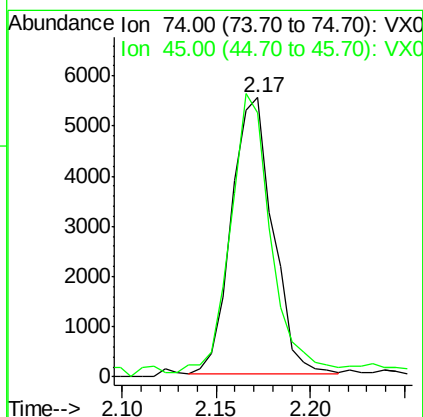
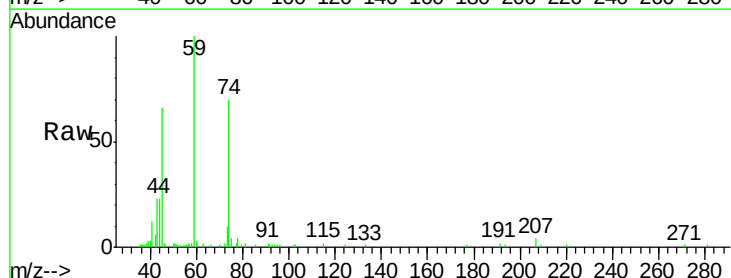
Tgt Ion:101 Resp: 23781
Ion Ratio Lower Upper
101 100
103 68.0 49.6 74.4

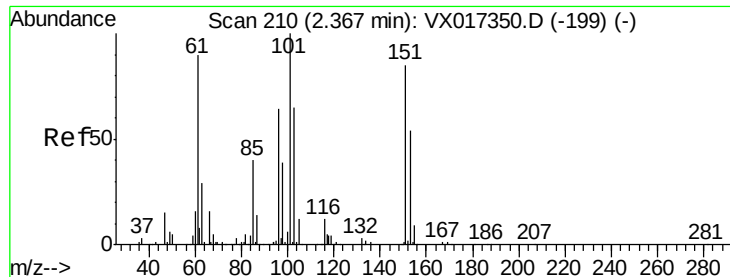


#8

Diethyl Ether
Concen: 4.771 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion: 74 Resp: 8399
Ion Ratio Lower Upper
74 100
45 97.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.658 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

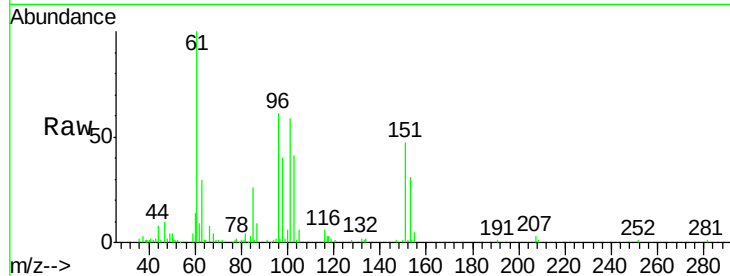
Tgt Ion:101 Resp: 13382

Ion Ratio Lower Upper

101 100

85 45.0 33.7 50.5

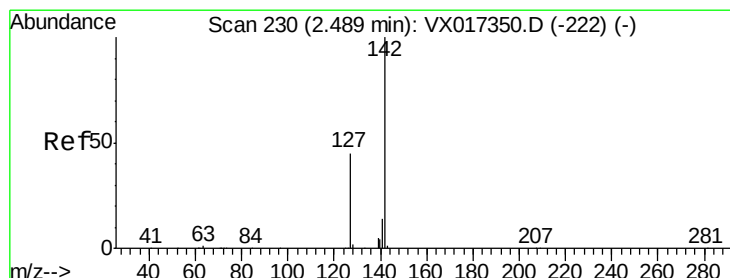
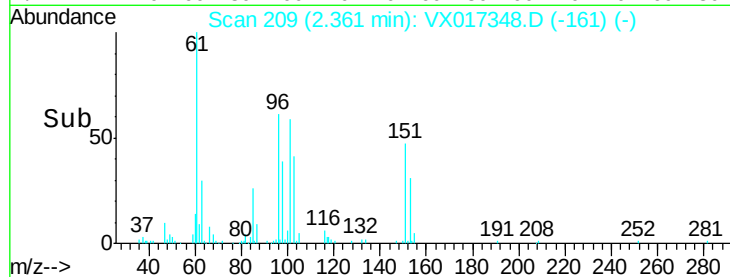
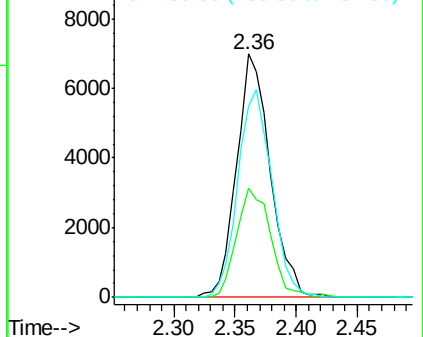
151 86.1 66.4 99.6



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: 3.230 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

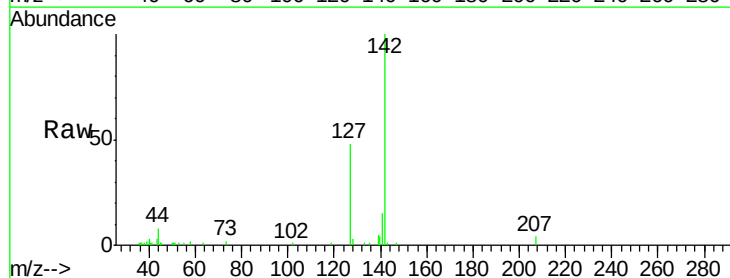
Tgt Ion:142 Resp: 11839

Ion Ratio Lower Upper

142 100

127 45.6 36.8 55.2

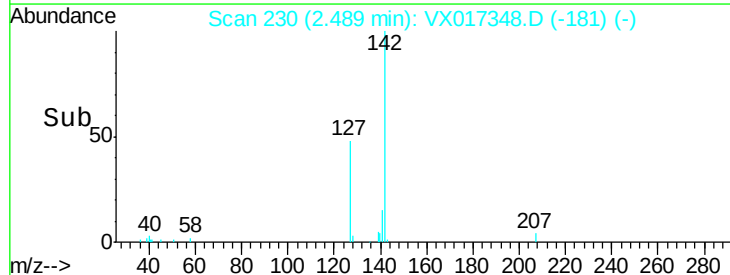
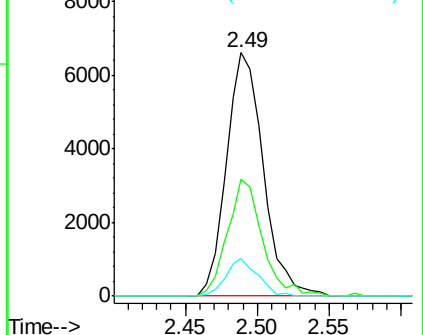
141 13.6 11.4 17.0

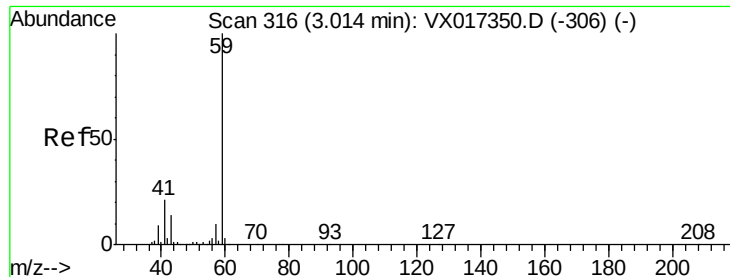


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

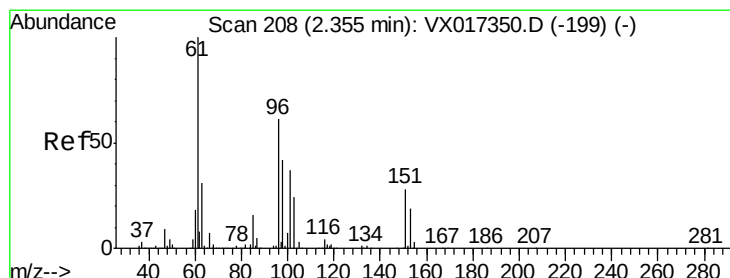
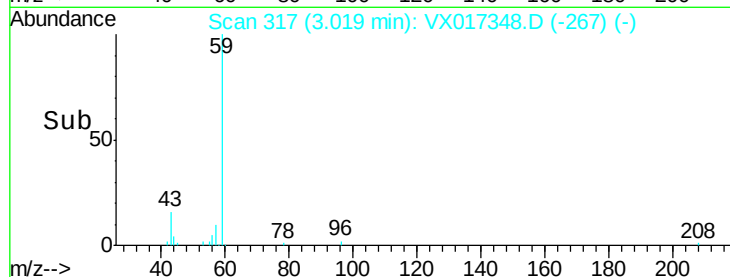
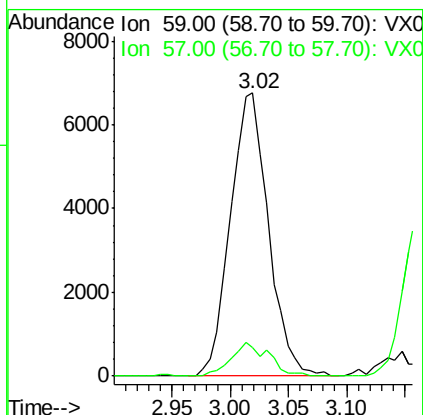
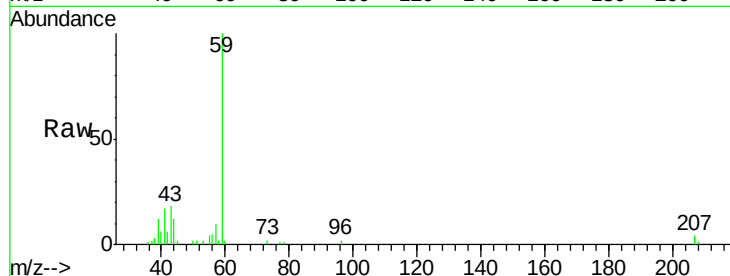




#11
Tert butyl alcohol
Concen: 22.141 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

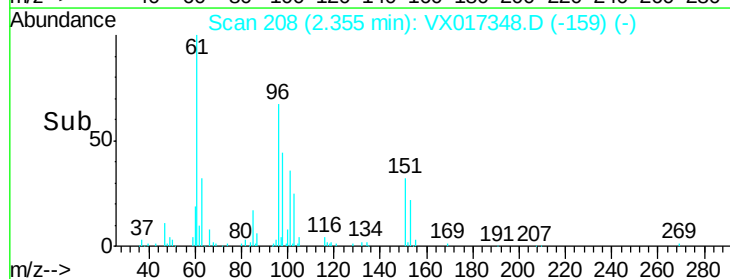
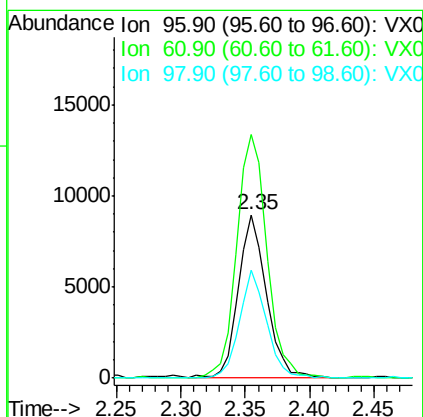
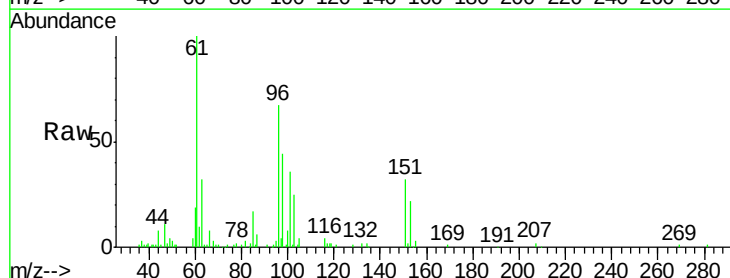
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

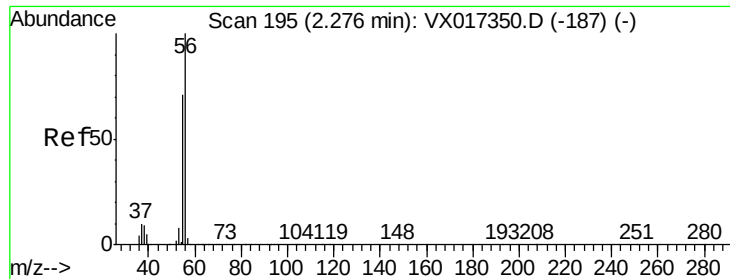
Tgt Ion: 59 Resp: 15375
Ion Ratio Lower Upper
59 100
57 11.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 4.664 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion: 96 Resp: 13680
Ion Ratio Lower Upper
96 100
61 149.0 131.5 197.3
98 65.9 55.1 82.7





#13

Acrolein

Concen: 17.418 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

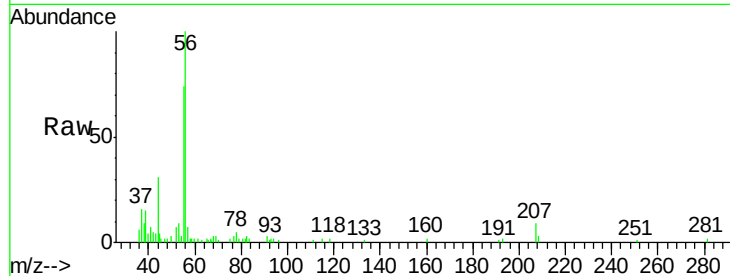
VSTDIC005

Tgt Ion: 56 Resp: 7178

Ion Ratio Lower Upper

56 100

55 78.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

5000

4000

3000

2000

1000

0

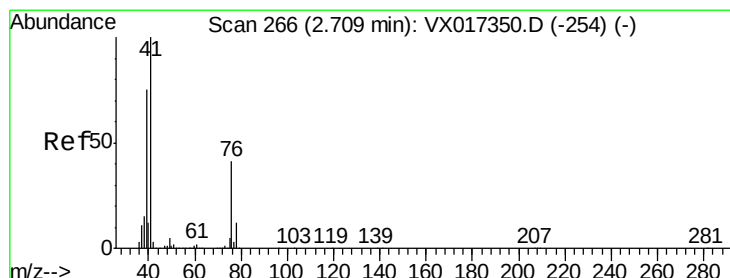
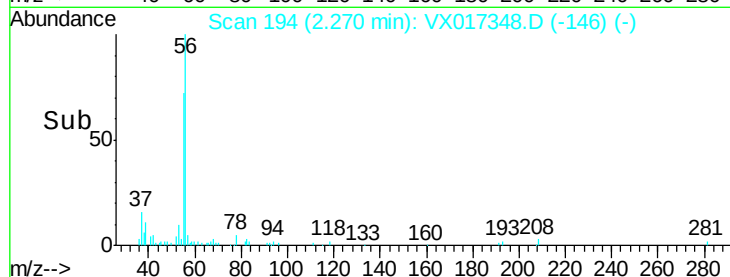
Time-->

2.20

2.25

2.30

2.35



#14

Allyl chloride

Concen: 4.399 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

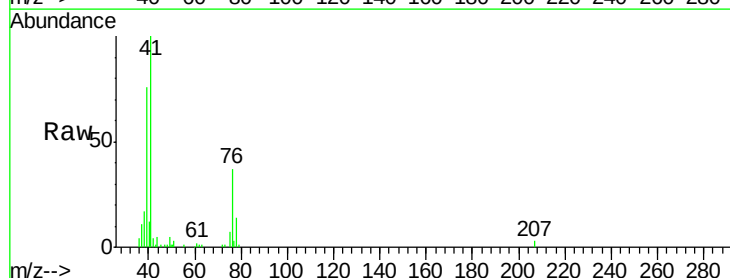
Tgt Ion: 41 Resp: 23718

Ion Ratio Lower Upper

41 100

39 62.9 53.0 79.4

76 34.9 28.2 42.2



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

15000

10000

5000

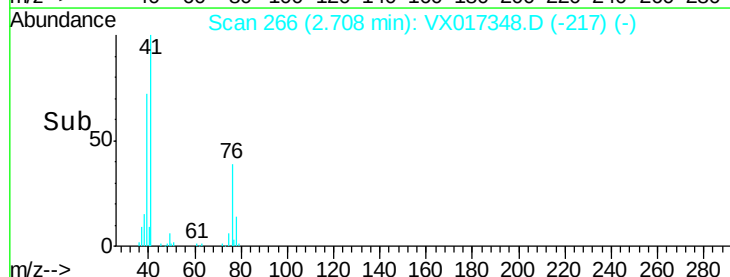
0

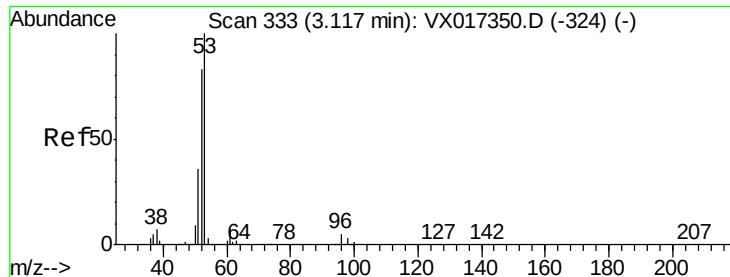
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 22.887 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

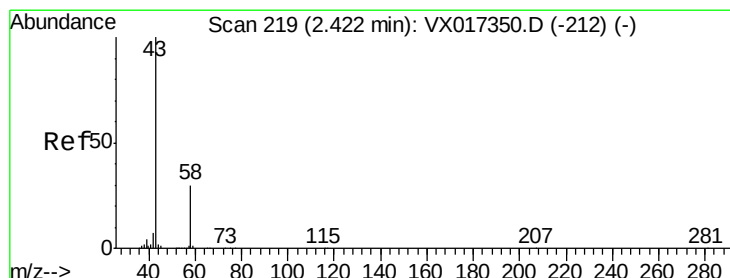
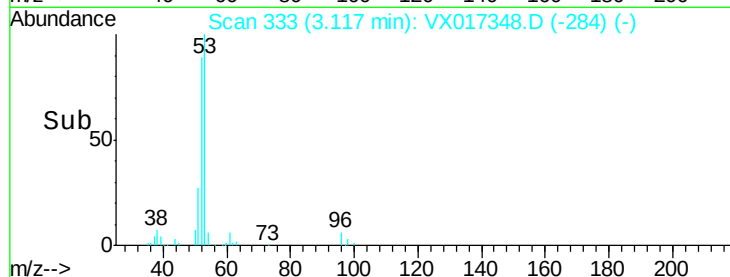
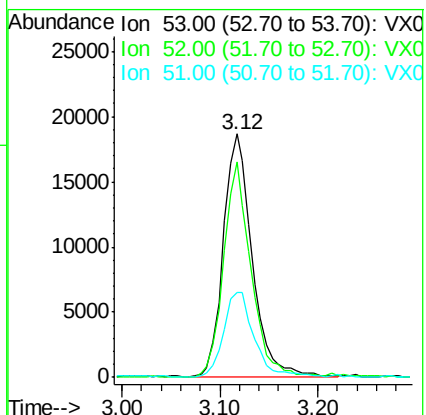
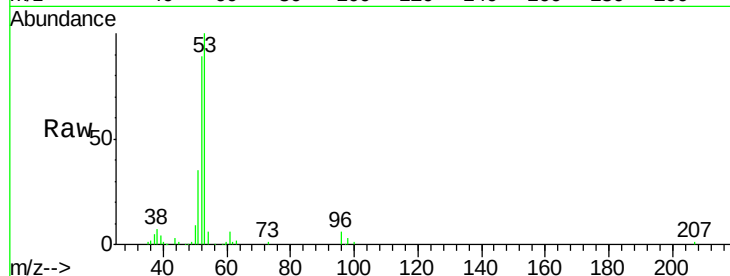
Tgt Ion: 53 Resp: 38365

Ion Ratio Lower Upper

53 100

52 84.4 65.8 98.6

51 37.3 29.2 43.8



#16

Acetone

Concen: 23.805 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017348.D

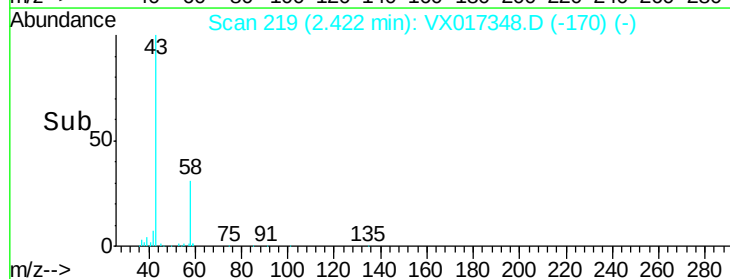
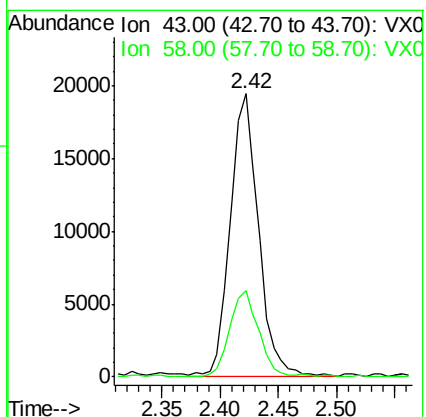
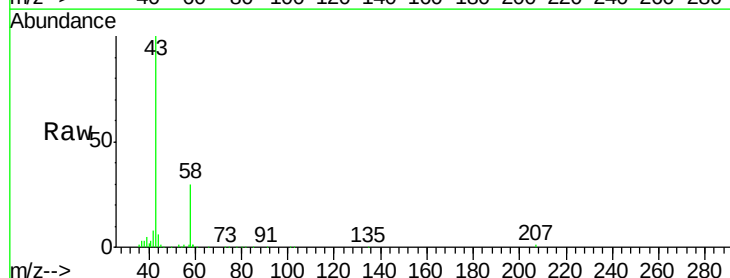
Acq: 13 Jul 2020 10:38

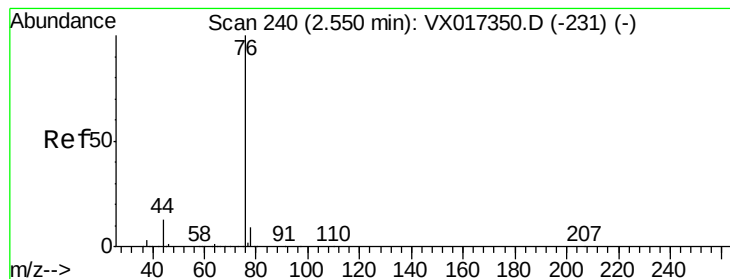
Tgt Ion: 43 Resp: 32729

Ion Ratio Lower Upper

43 100

58 30.5 24.2 36.2





#17

Carbon Disulfide

Concen: 4.351 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

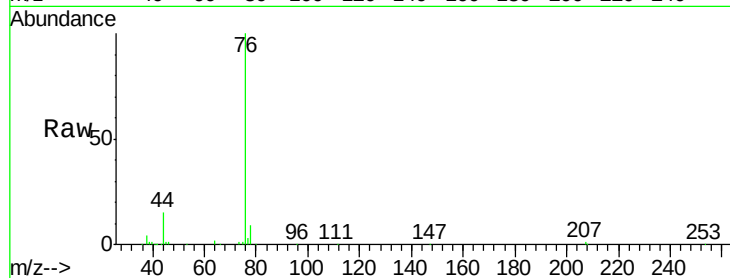
VSTDIC005

Tgt Ion: 76 Resp: 39158

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

25000

20000

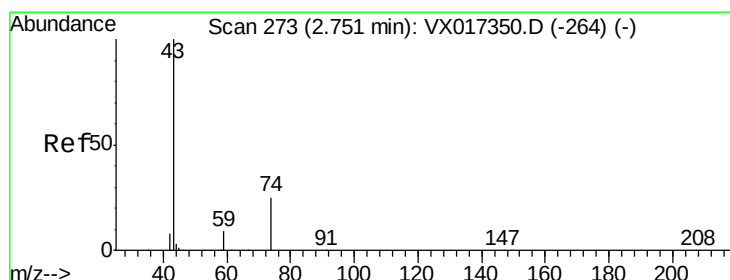
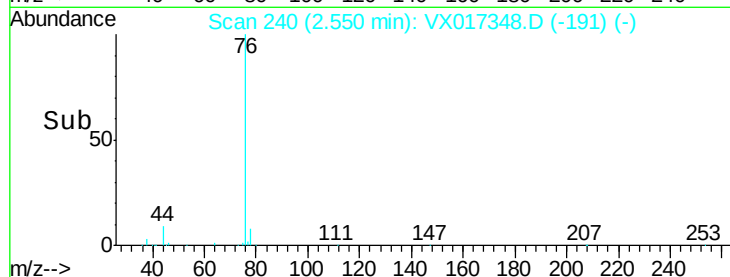
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 4.787 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017348.D

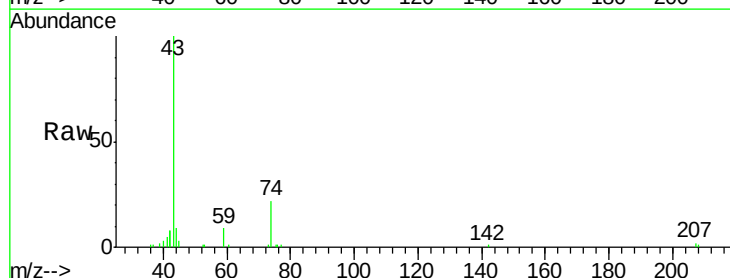
Acq: 13 Jul 2020 10:38

Tgt Ion: 43 Resp: 17034

Ion Ratio Lower Upper

43 100

74 22.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

10000

8000

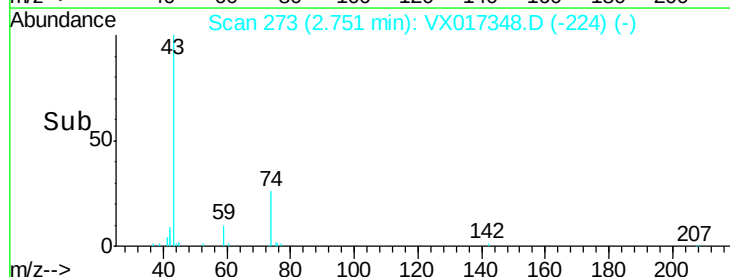
6000

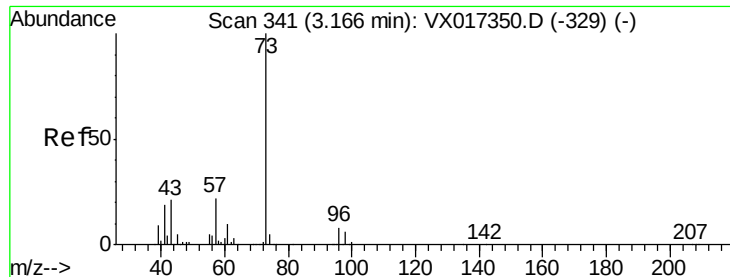
4000

2000

0

Time--> 2.65 2.70 2.75 2.80 2.85





#19

Methyl tert-butyl Ether

Concen: 4.557 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

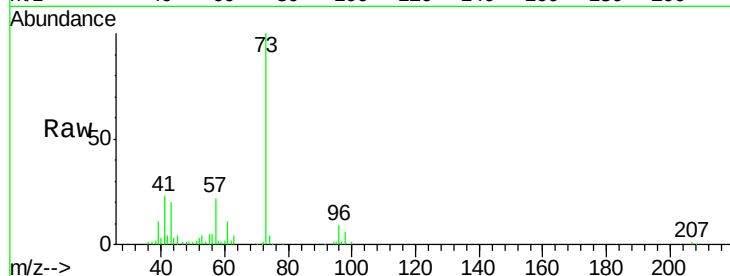
VSTDIC005

Tgt Ion: 73 Resp: 45075

Ion Ratio Lower Upper

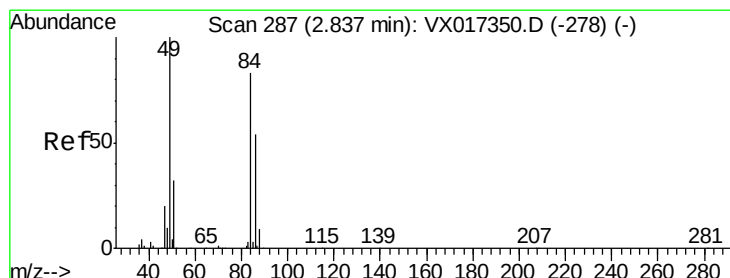
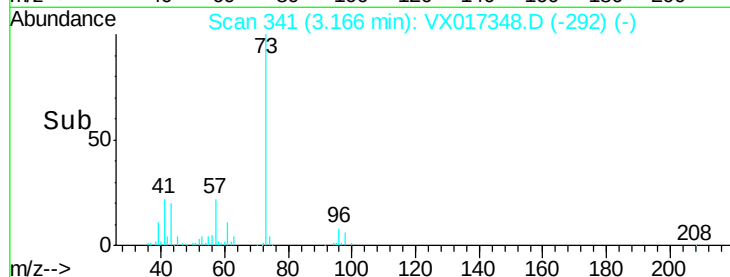
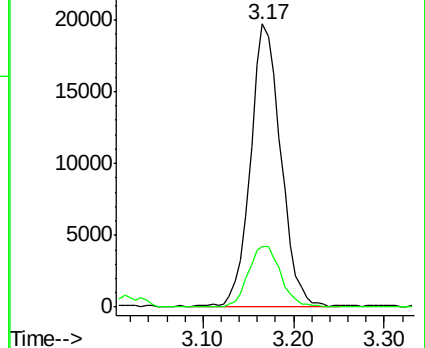
73 100

57 21.7 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 4.775 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Tgt Ion: 84 Resp: 16669

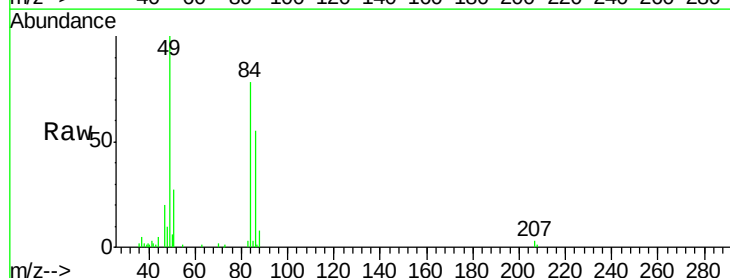
Ion Ratio Lower Upper

84 100

49 128.7 95.8 143.8

51 35.3 31.0 46.4

86 71.2 51.8 77.8

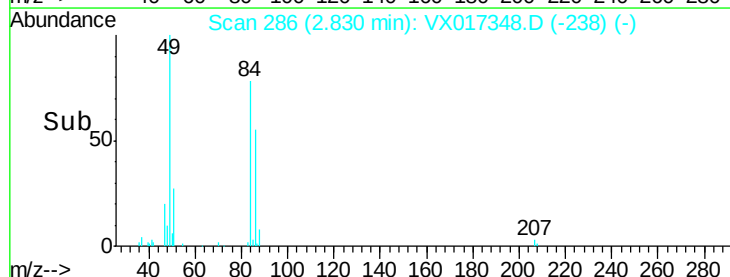
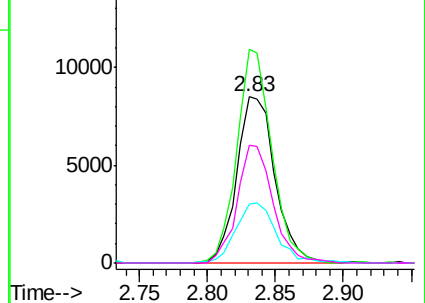


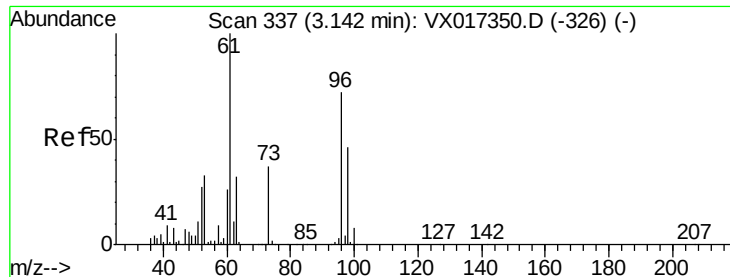
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#21

trans-1,2-Dichloroethene

Concen: 4.782 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

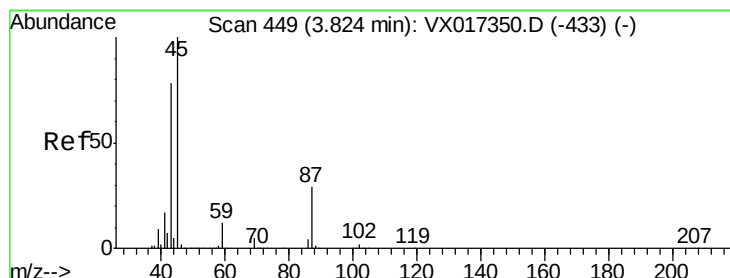
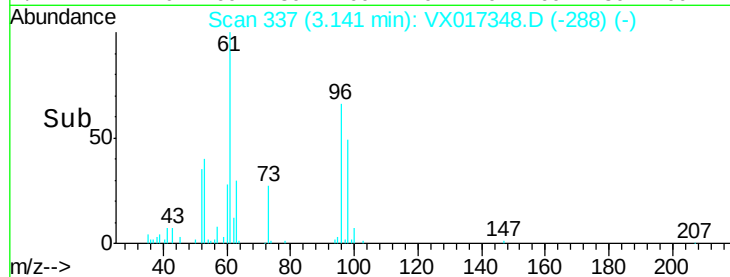
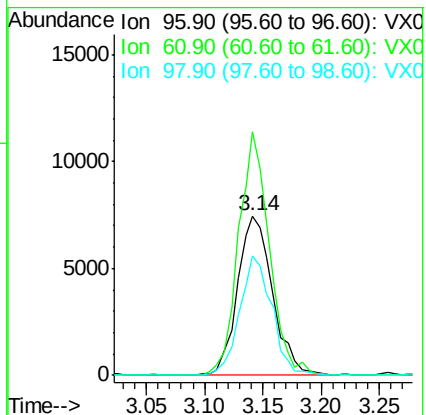
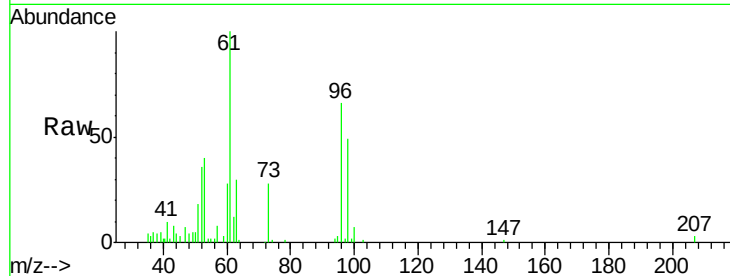
Tgt Ion: 96 Resp: 15662

Ion Ratio Lower Upper

96 100

61 152.6 111.1 166.7

98 74.9 51.4 77.0



#22

Diisopropyl ether

Concen: 4.535 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Tgt Ion: 45 Resp: 45219

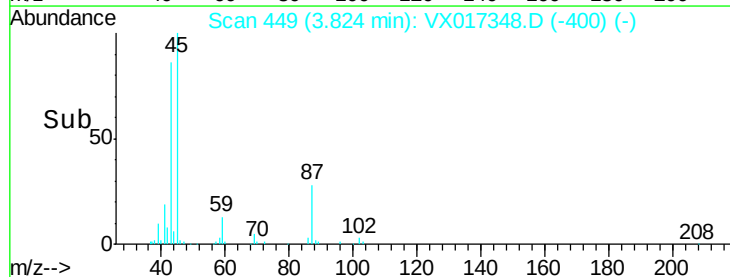
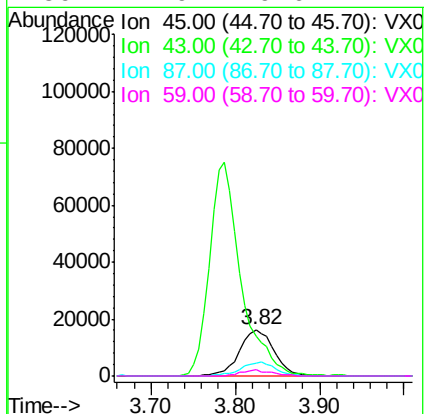
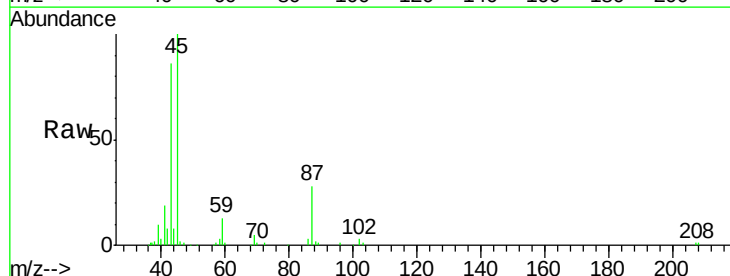
Ion Ratio Lower Upper

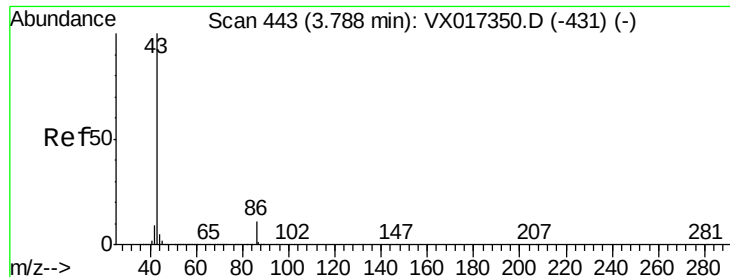
45 100

43 84.8 62.2 93.2

87 28.5 23.0 34.6

59 12.9 9.6 14.4





#23

Vinyl Acetate

Concen: 22.517 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

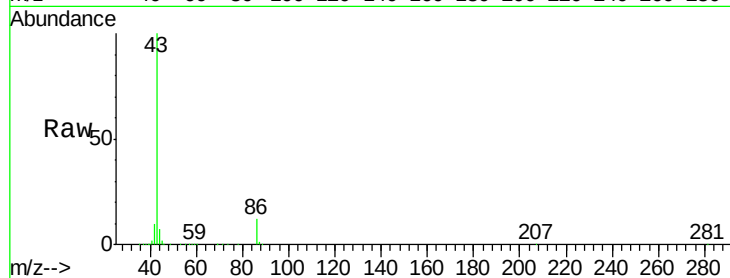
VSTDIC005

Tgt Ion: 43 Resp: 193688

Ion Ratio Lower Upper

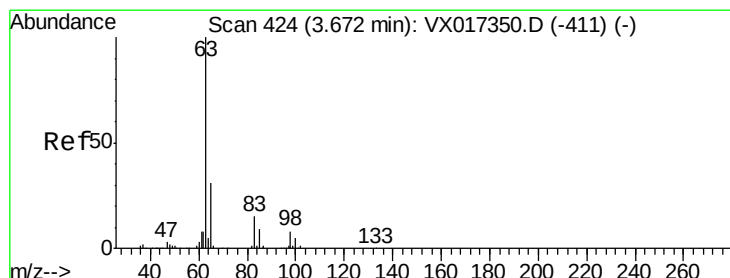
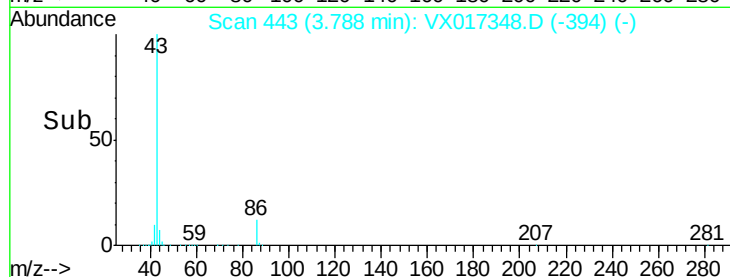
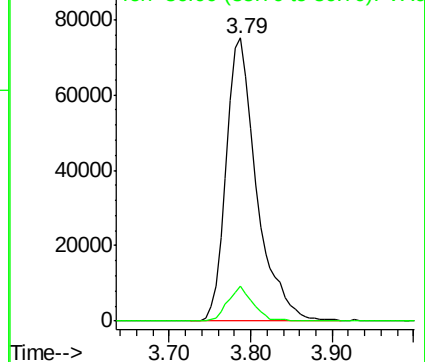
43 100

86 12.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.820 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

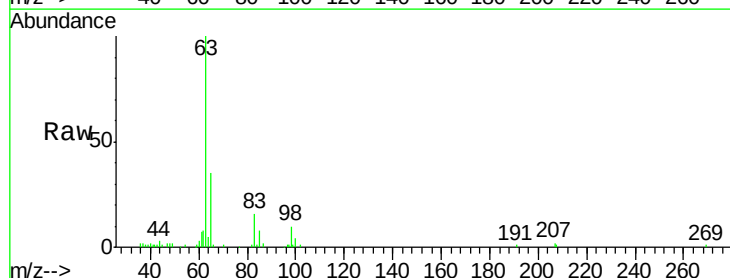
Tgt Ion: 63 Resp: 27468

Ion Ratio Lower Upper

63 100

98 9.8 3.9 11.5

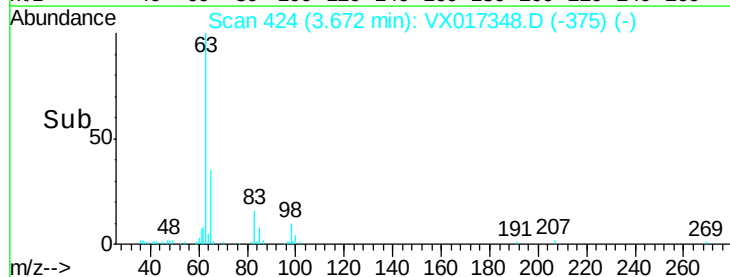
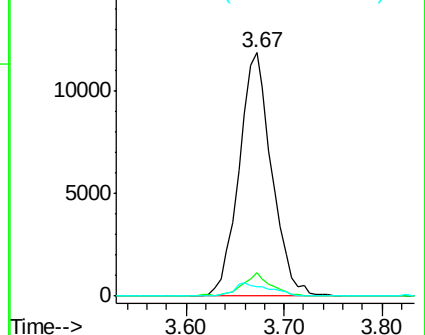
100 3.9 2.5 7.5

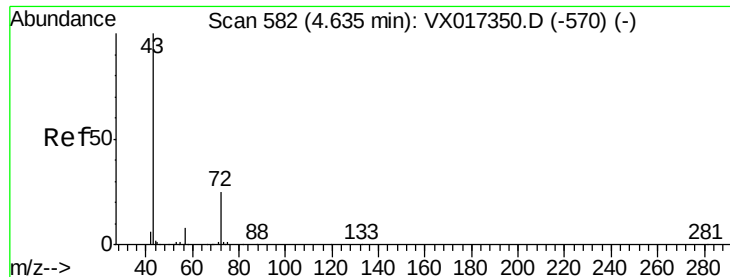


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 23.166 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

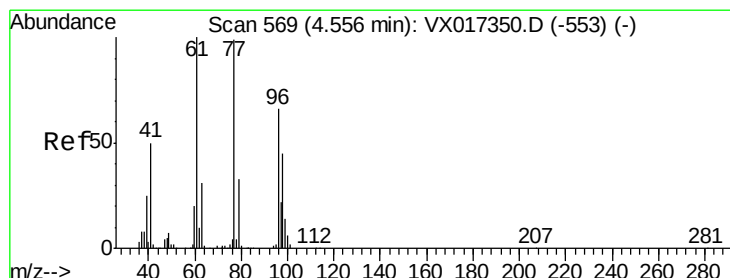
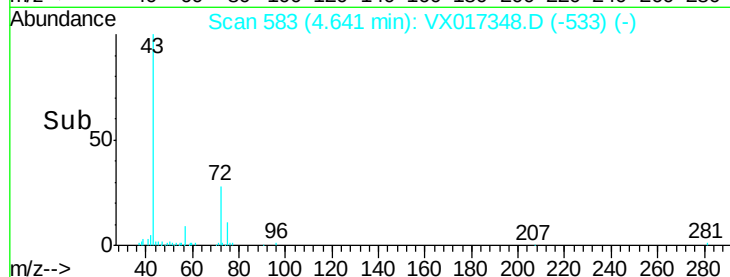
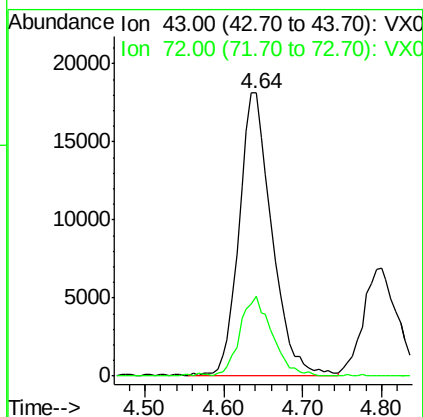
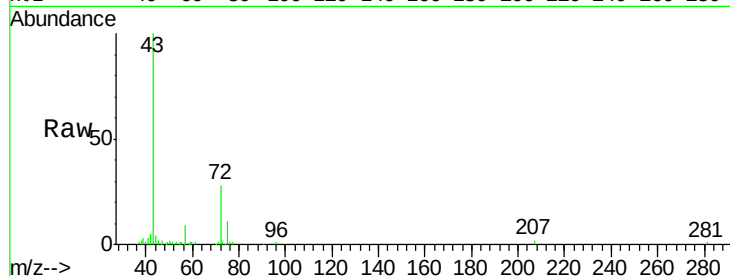
VSTDIC005

Tgt Ion: 43 Resp: 52696

Ion Ratio Lower Upper

43 100

72 28.3 20.4 30.6



#26

2,2-Dichloropropane

Concen: 5.026 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017348.D

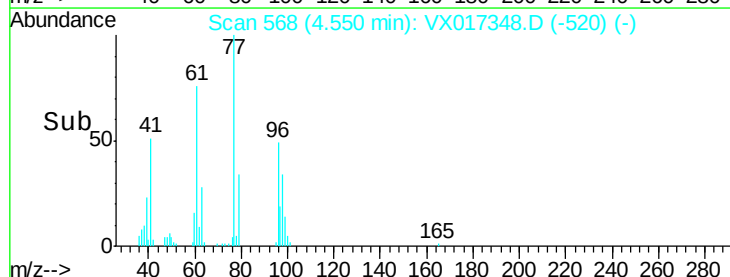
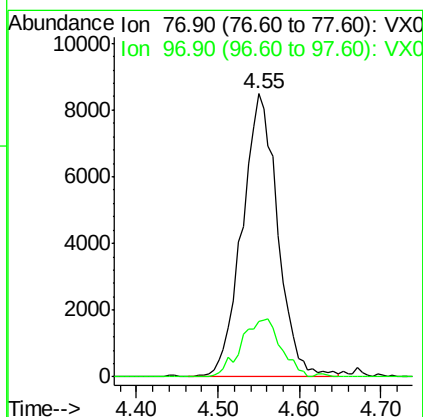
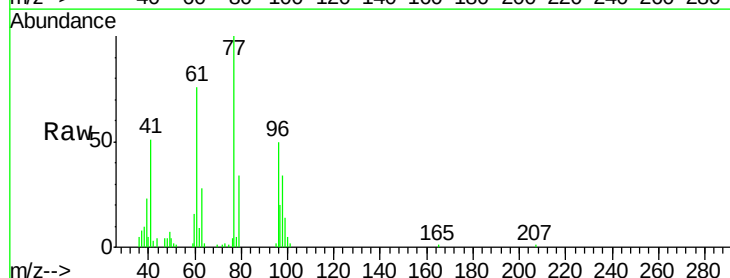
Acq: 13 Jul 2020 10:38

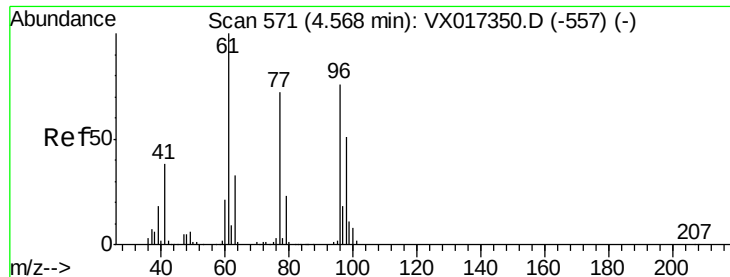
Tgt Ion: 77 Resp: 25715

Ion Ratio Lower Upper

77 100

97 22.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 4.539 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

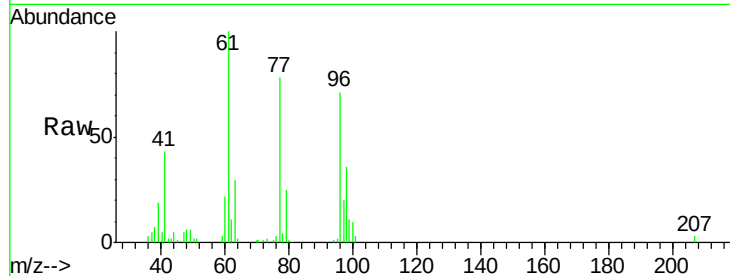
Tgt Ion: 96 Resp: 16747

Ion Ratio Lower Upper

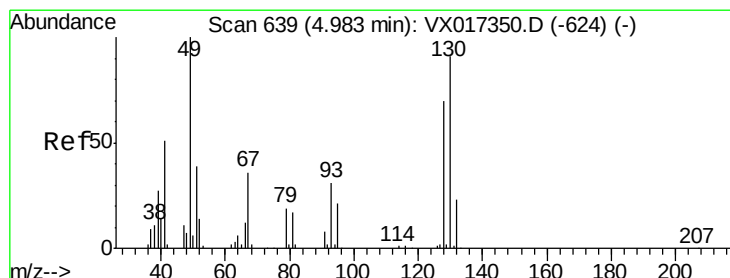
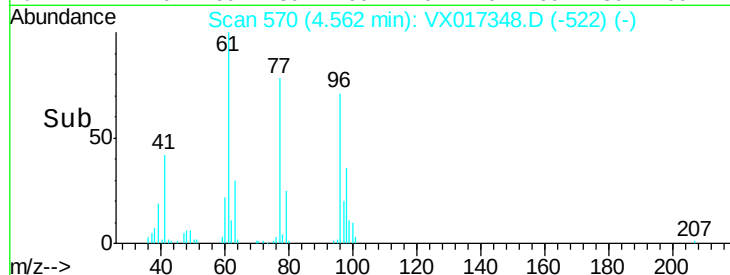
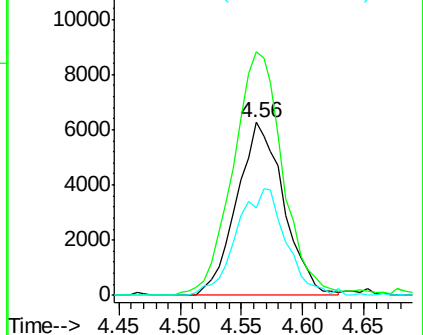
96 100

61 148.4 0.0 281.2

98 65.2 0.0 131.4



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



#28

Bromochloromethane

Concen: 4.417 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

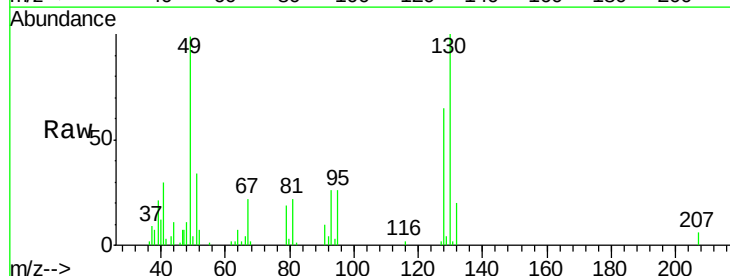
Tgt Ion: 49 Resp: 12206

Ion Ratio Lower Upper

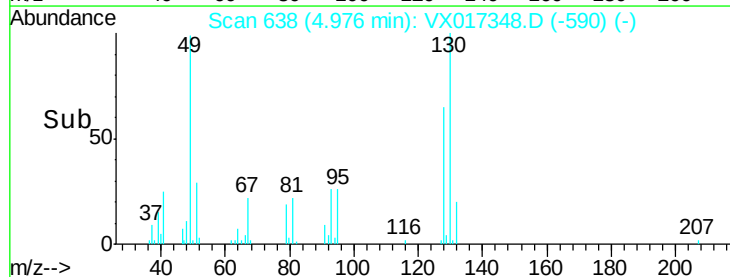
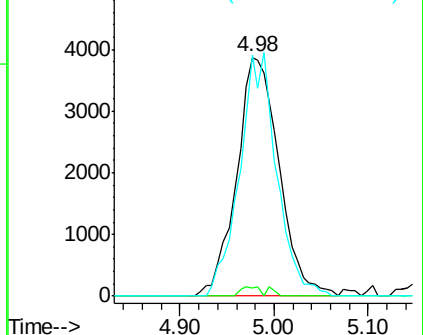
49 100

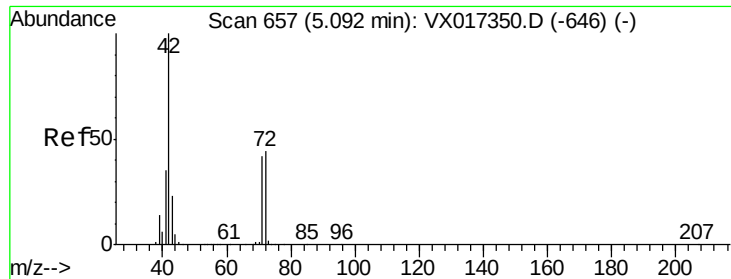
129 1.6 0.0 4.8

130 0.0 71.1 106.7#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

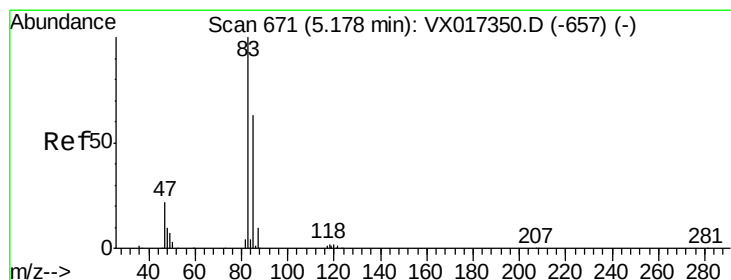
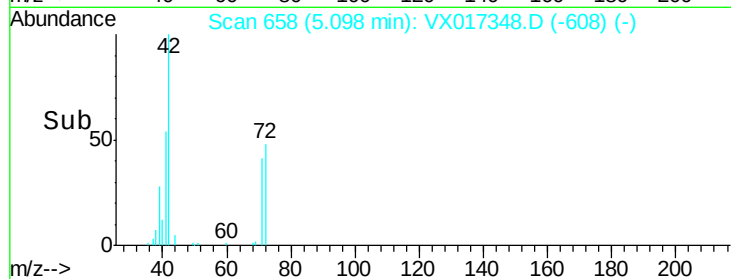
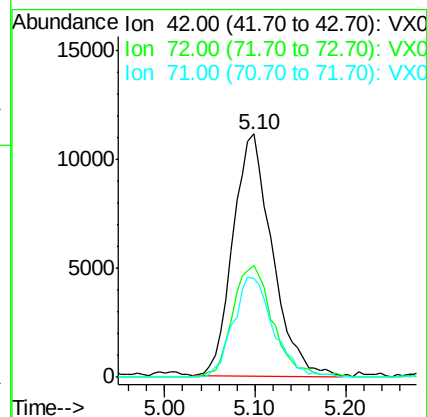
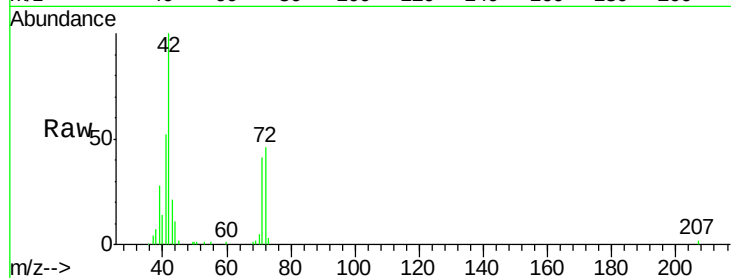




#29
Tetrahydrofuran
Concen: 22.387 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

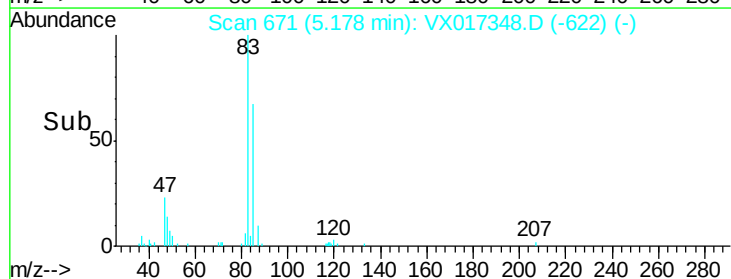
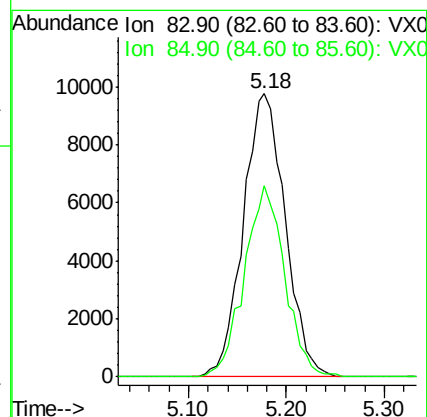
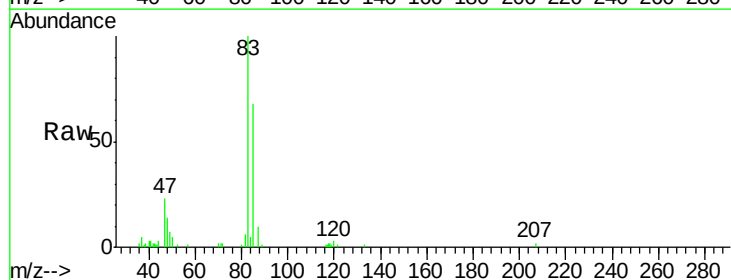
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

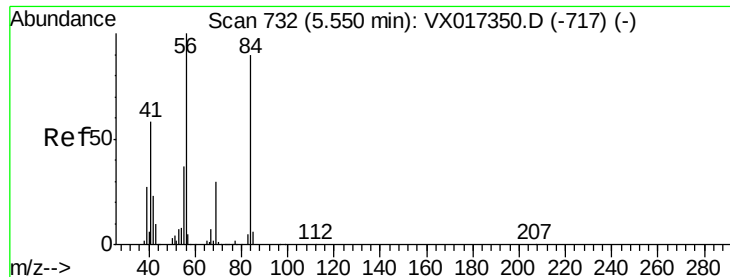
Tgt Ion: 42 Resp: 33501
Ion Ratio Lower Upper
42 100
72 47.0 37.2 55.8
71 42.2 34.4 51.6



#30
Chloroform
Concen: 4.946 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion: 83 Resp: 29137
Ion Ratio Lower Upper
83 100
85 67.7 50.2 75.4

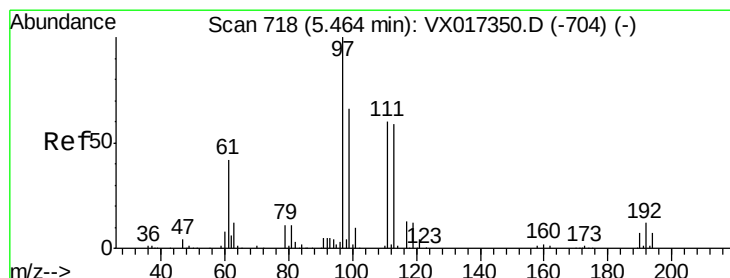
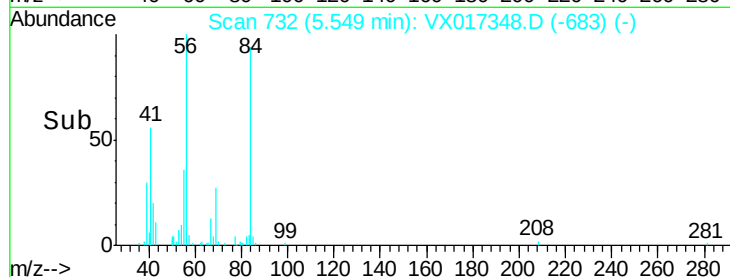
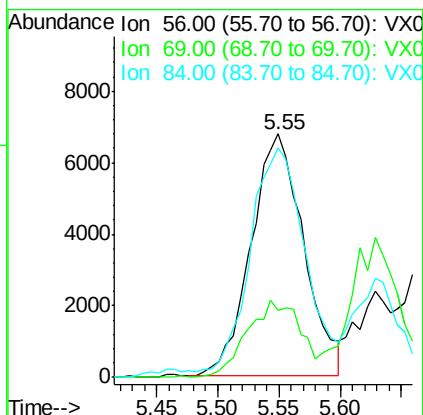
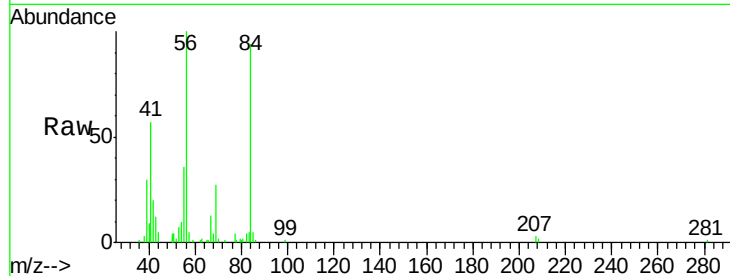




#31
Cyclohexane
Concen: 4.168 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

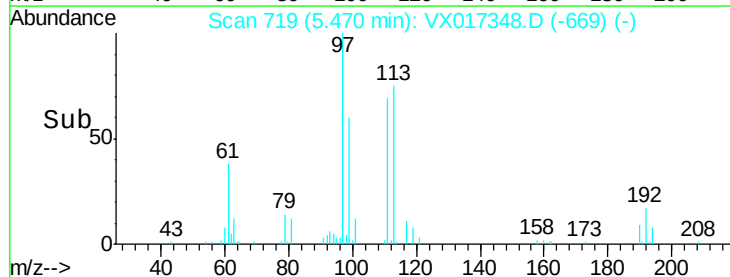
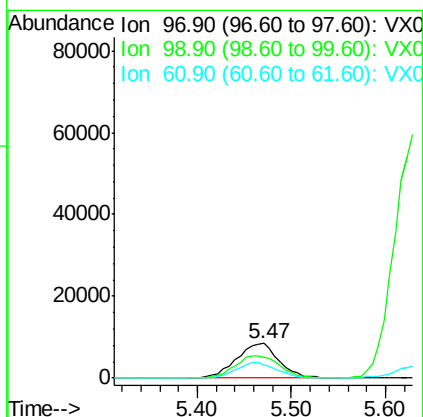
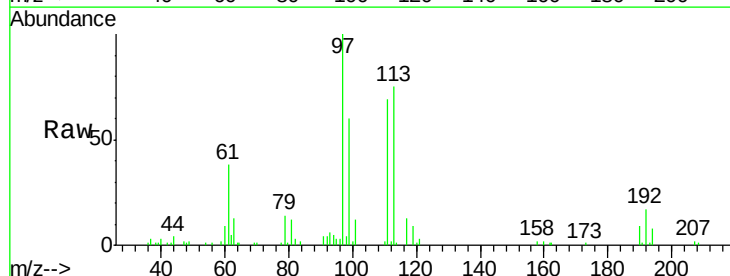
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

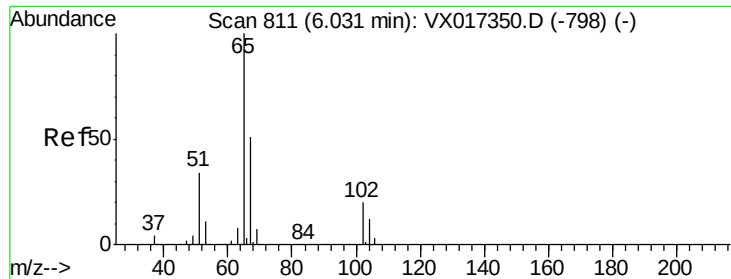
Tgt Ion: 56 Resp: 20322
Ion Ratio Lower Upper
56 100
69 27.7 23.7 35.5
84 92.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 4.842 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion: 97 Resp: 26390
Ion Ratio Lower Upper
97 100
99 68.1 51.2 76.8
61 44.3 32.7 49.1

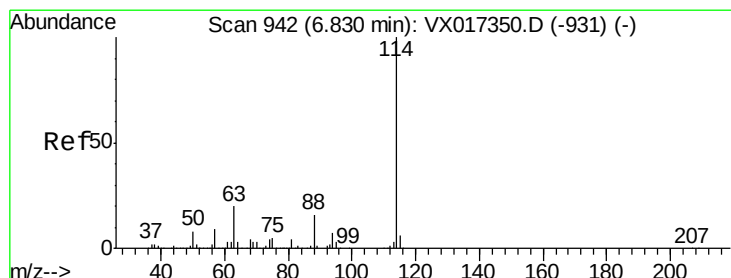
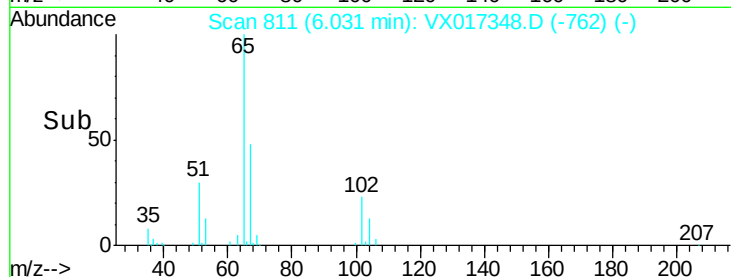
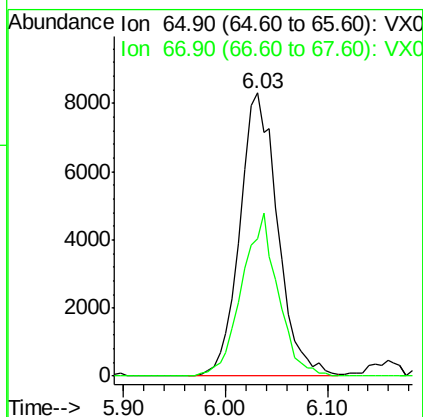
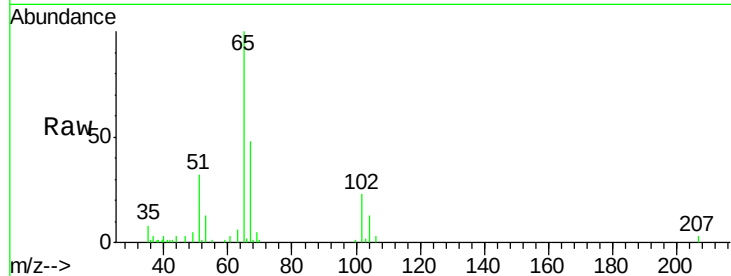




#33
 1,2-Dichloroethane-d4
 Concen: 5.763 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

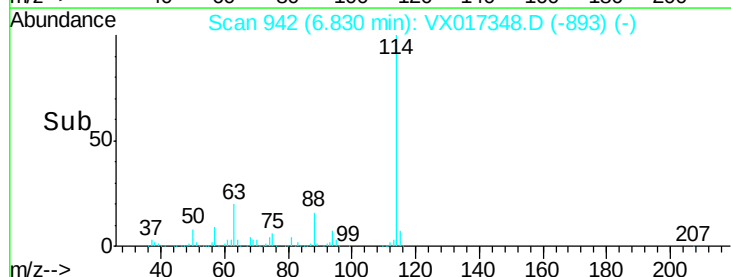
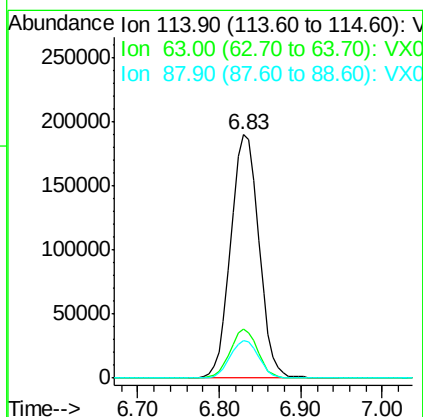
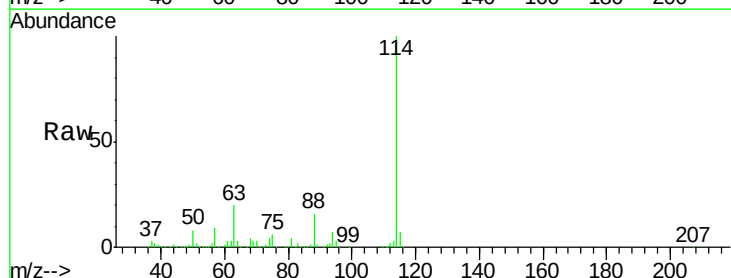
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

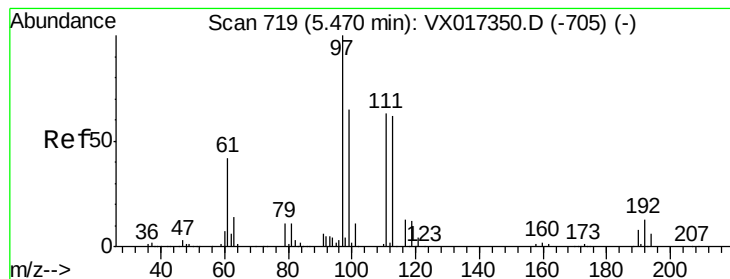
Tgt Ion: 65 Resp: 21536
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

Tgt Ion: 114 Resp: 452991
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 6.013 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

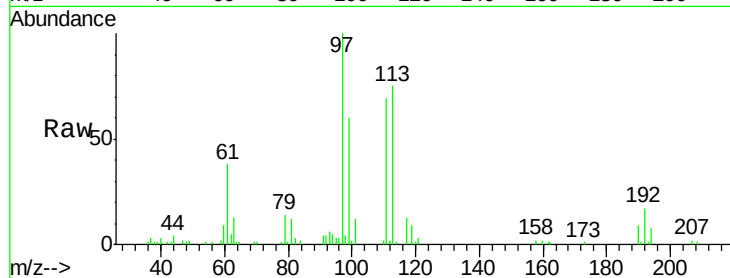
Tgt Ion: 113 Resp: 17497

Ion Ratio Lower Upper

113 100

111 98.8 82.4 123.6

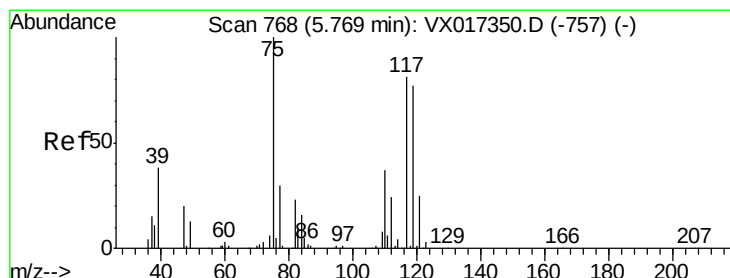
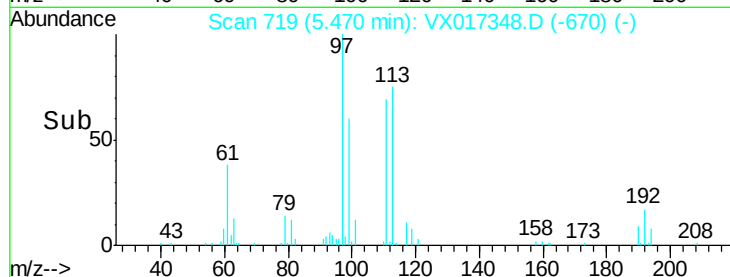
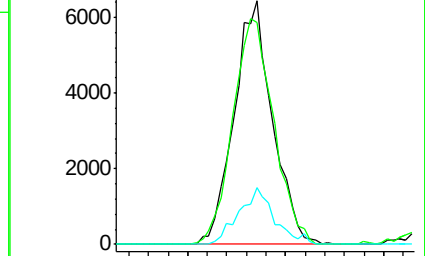
192 21.7 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.940 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

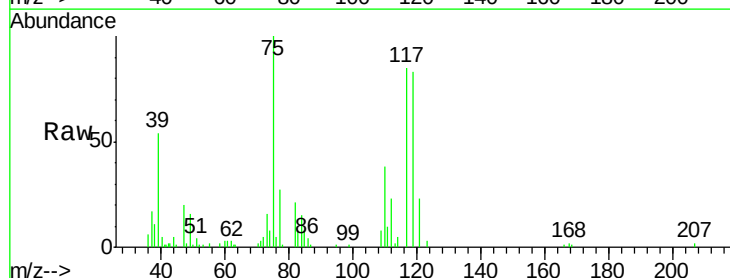
Tgt Ion: 75 Resp: 21157

Ion Ratio Lower Upper

75 100

110 36.2 18.6 55.8

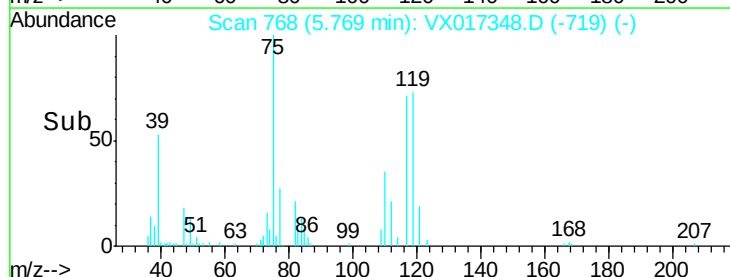
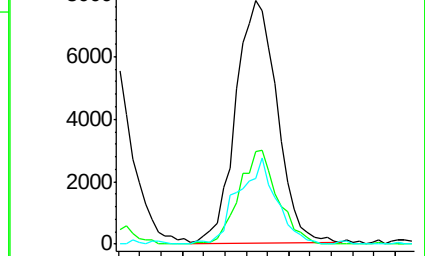
77 32.9 24.9 37.3

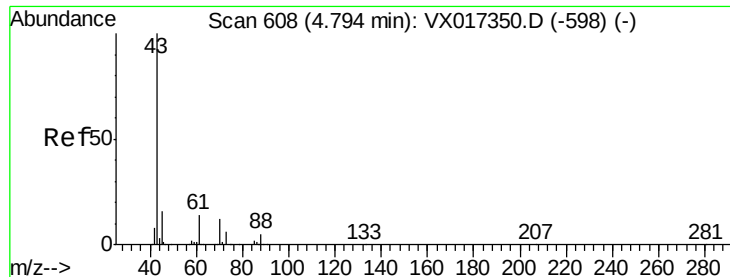


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

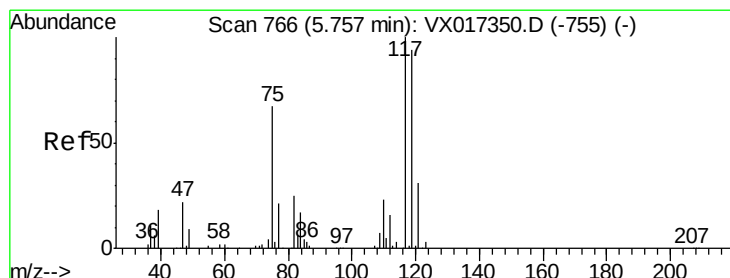
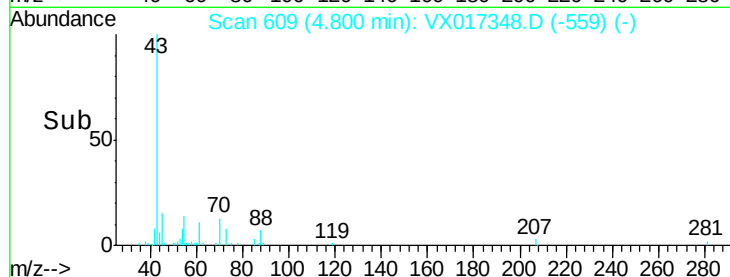
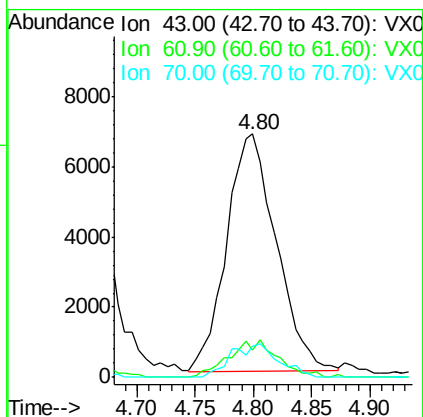
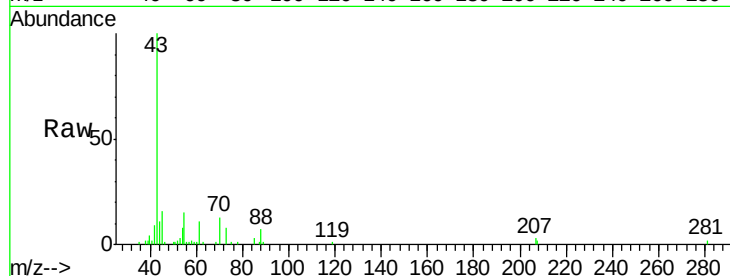




#37
Ethyl Acetate
Concen: 4.659 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

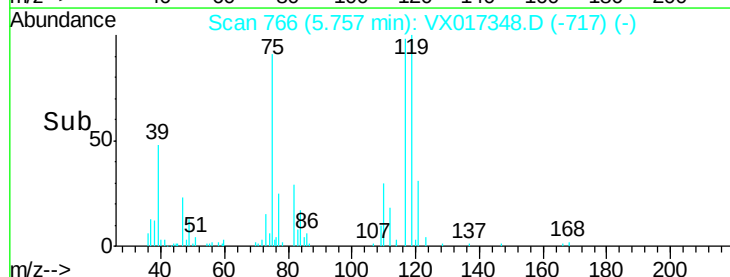
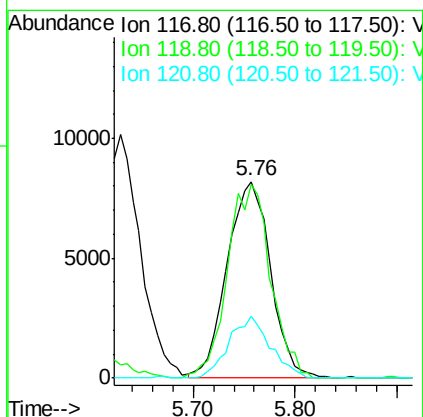
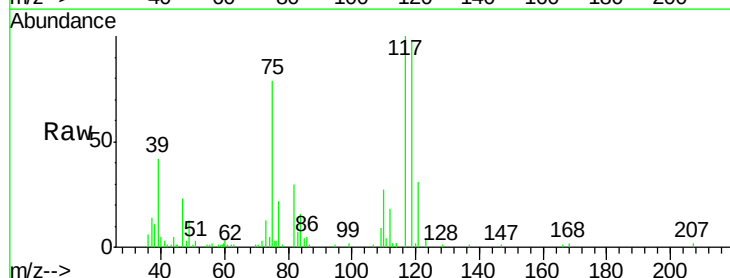
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

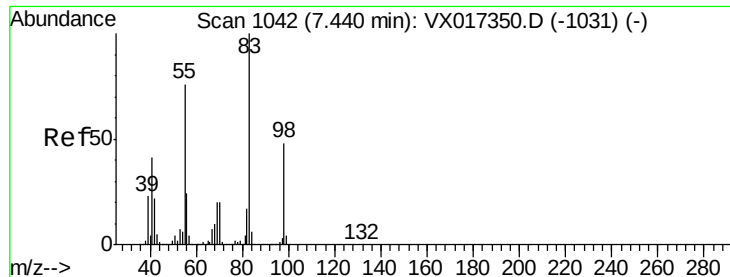
Tgt Ion: 43 Resp: 20133
Ion Ratio Lower Upper
43 100
61 15.6 10.7 16.1
70 8.1 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 5.105 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion: 117 Resp: 24327
Ion Ratio Lower Upper
117 100
119 98.2 74.7 112.1
121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 4.526 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

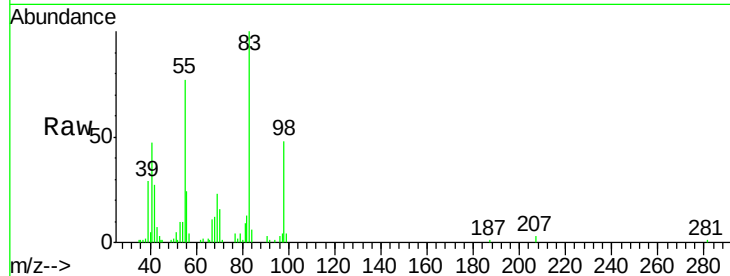
Tgt Ion: 83 Resp: 21464

Ion Ratio Lower Upper

83 100

55 76.9 61.2 91.8

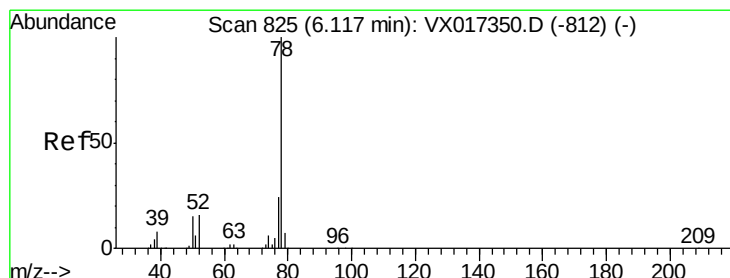
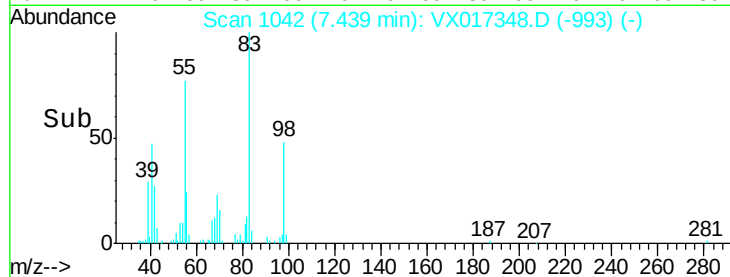
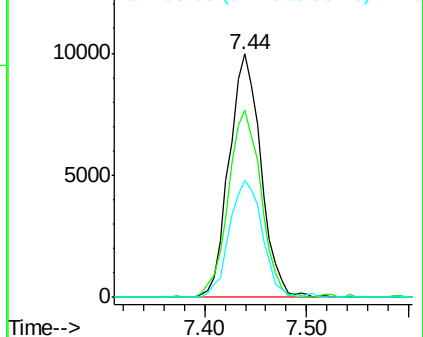
98 48.2 38.1 57.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 4.836 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX017348.D

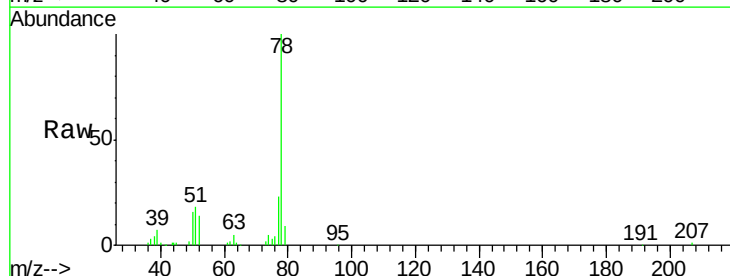
Acq: 13 Jul 2020 10:38

Tgt Ion: 78 Resp: 60664

Ion Ratio Lower Upper

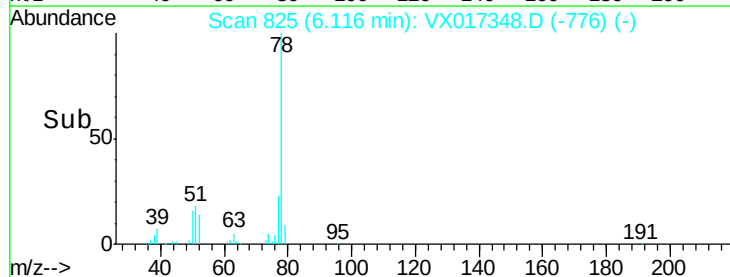
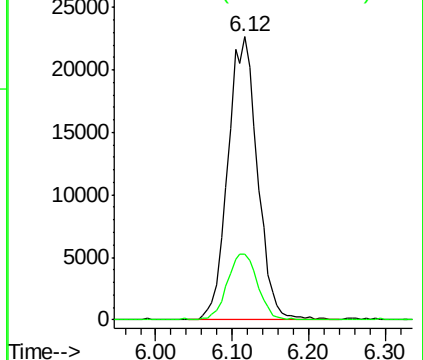
78 100

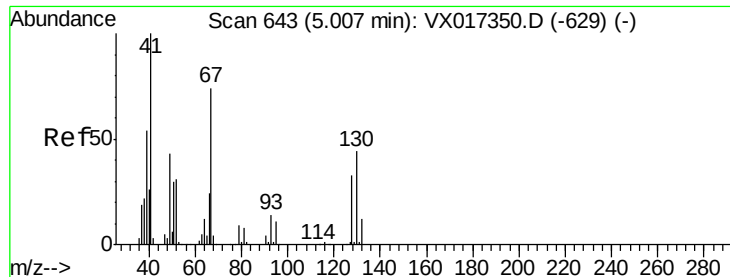
77 23.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

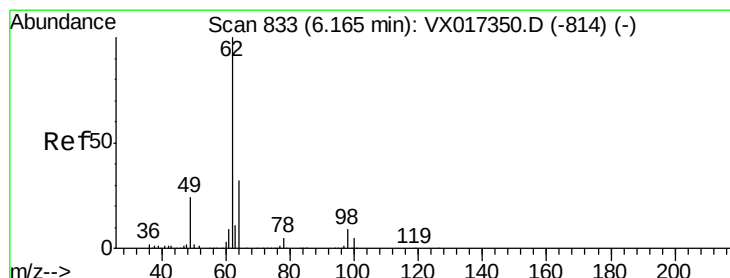
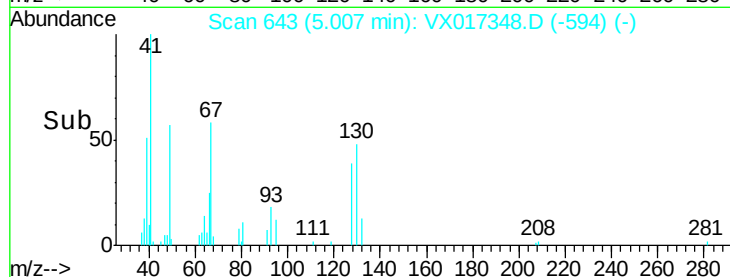
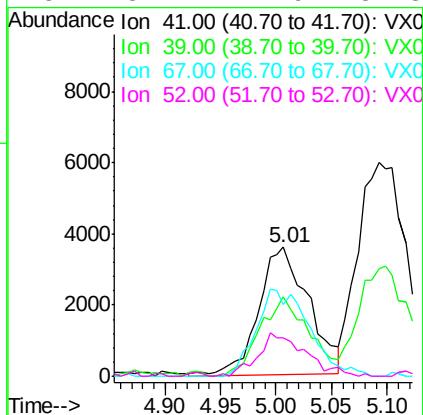
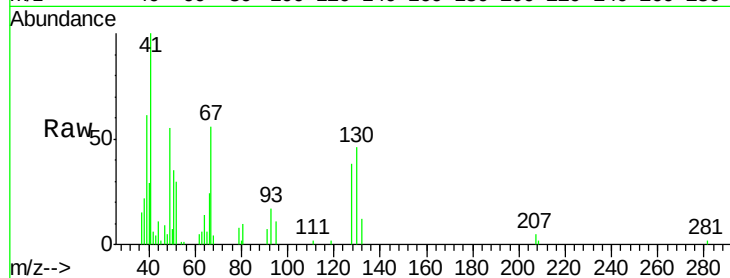




#41
Methacrylonitrile
Concen: 4.610 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

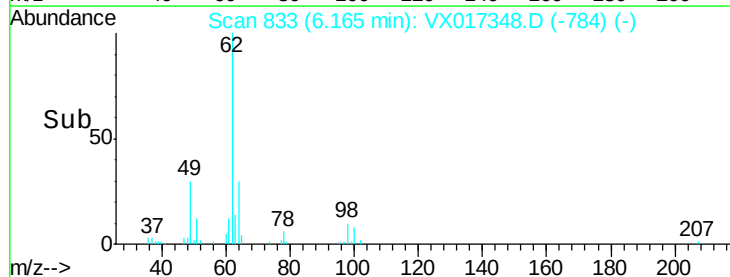
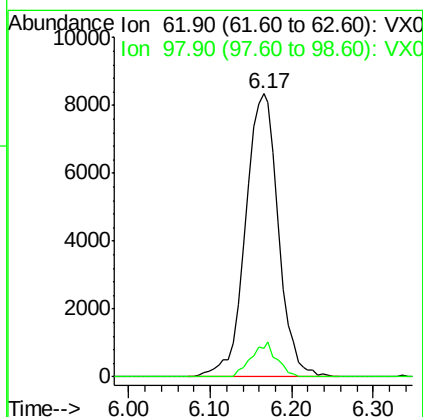
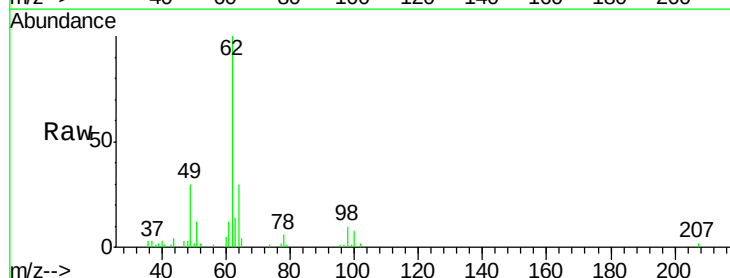
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

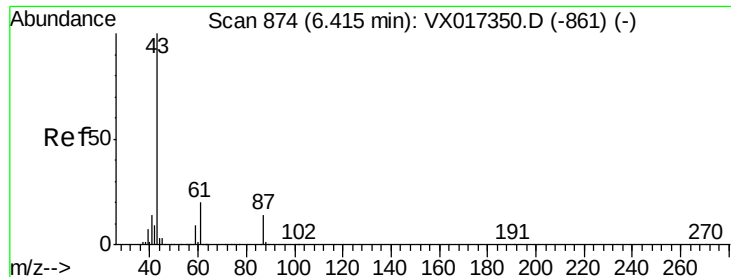
Tgt Ion:	41	Resp:	11213
Ion	Ratio	Lower	Upper
41	100		
39	61.8	43.8	65.8
67	72.3	58.7	88.1
52	32.2	24.9	37.3



#42
1,2-Dichloroethane
Concen: 5.129 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion:	62	Resp:	23495
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 4.476 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

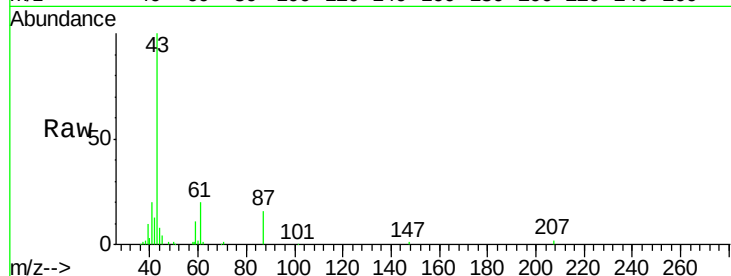
Tgt Ion: 43 Resp: 32186

Ion Ratio Lower Upper

43 100

61 21.3 16.4 24.6

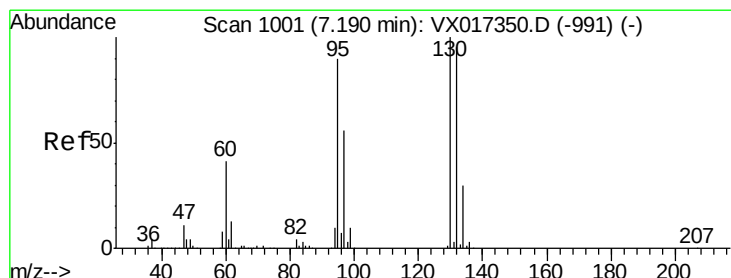
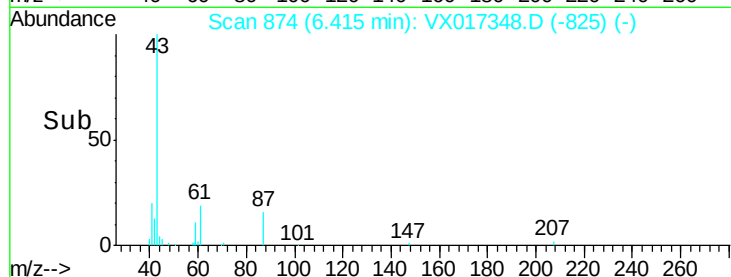
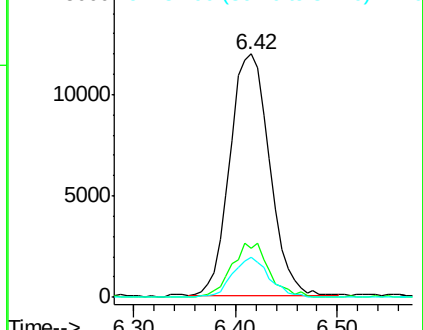
87 15.2 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.935 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017348.D

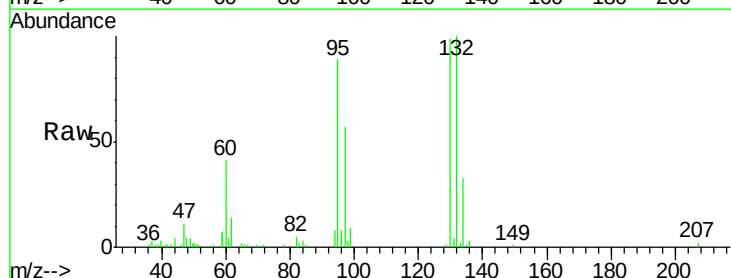
Acq: 13 Jul 2020 10:38

Tgt Ion: 130 Resp: 18784

Ion Ratio Lower Upper

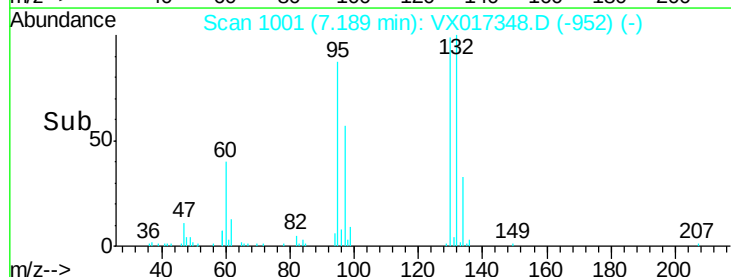
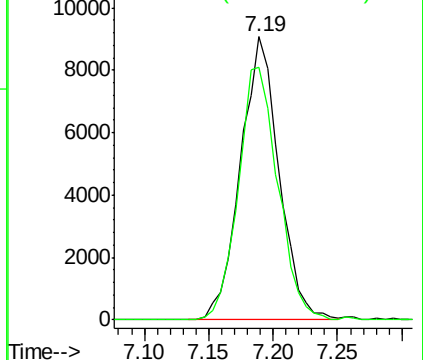
130 100

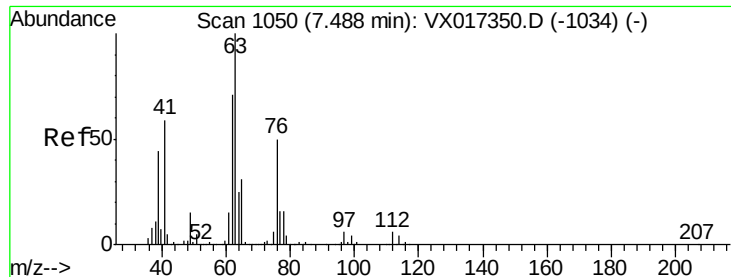
95 89.3 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 4.624 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

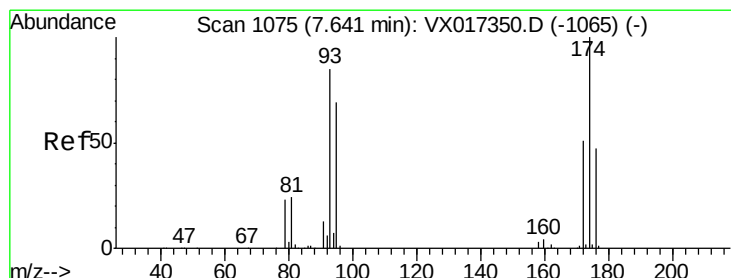
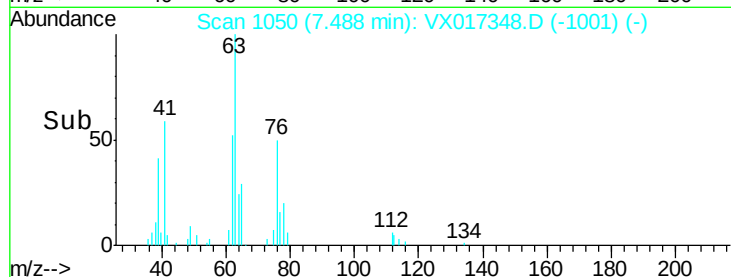
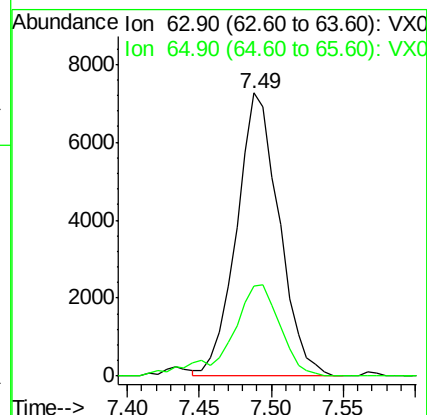
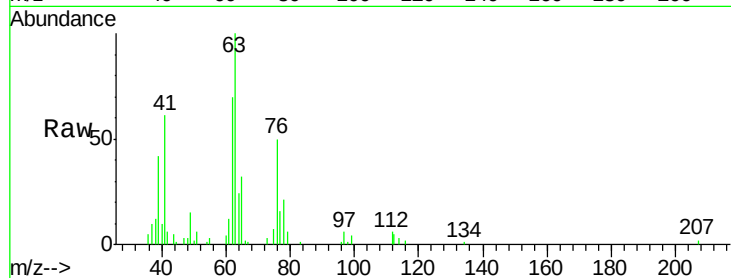
VSTDIC005

Tgt Ion: 63 Resp: 14890

Ion Ratio Lower Upper

63 100

65 31.8 24.5 36.7



#46

Dibromomethane

Concen: 5.185 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

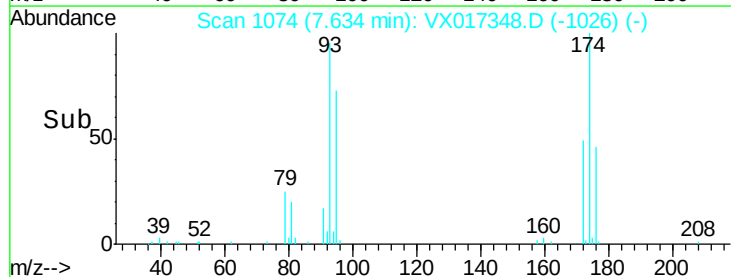
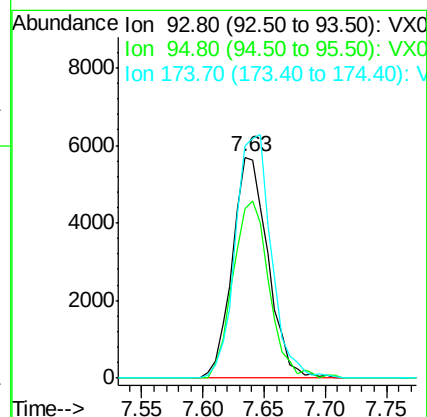
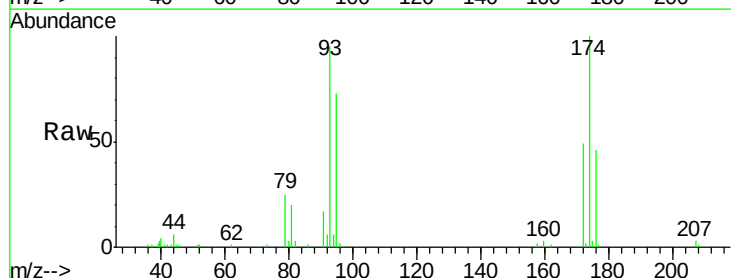
Tgt Ion: 93 Resp: 11474

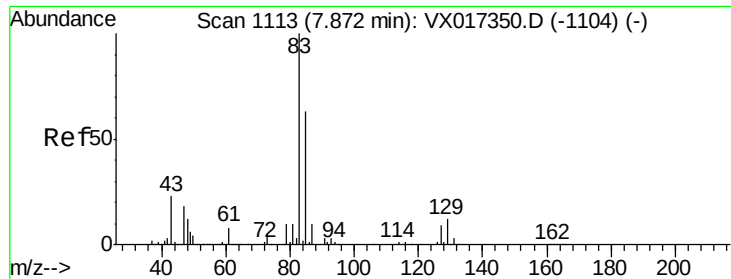
Ion Ratio Lower Upper

93 100

95 81.2 65.4 98.2

174 111.1 91.2 136.8





#47

Bromodichloromethane

Concen: 5.160 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

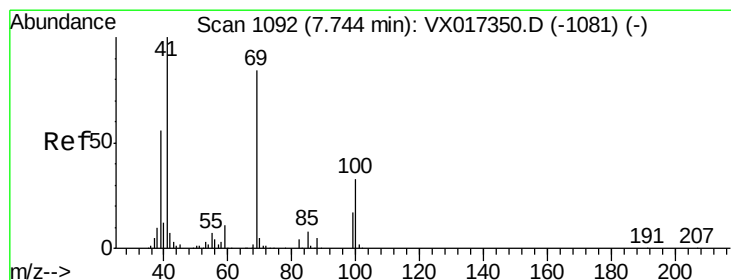
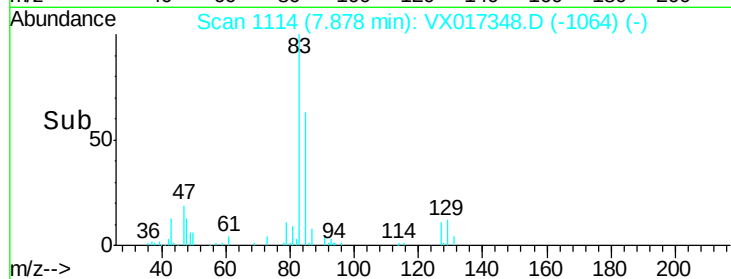
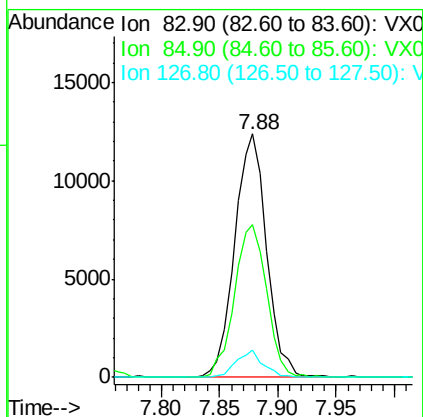
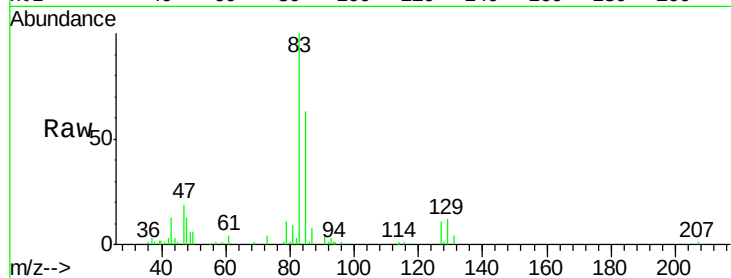
Tgt Ion: 83 Resp: 23588

Ion Ratio Lower Upper

83 100

85 62.5 50.2 75.4

127 11.4 7.1 10.7#



#48

Methyl methacrylate

Concen: 4.433 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

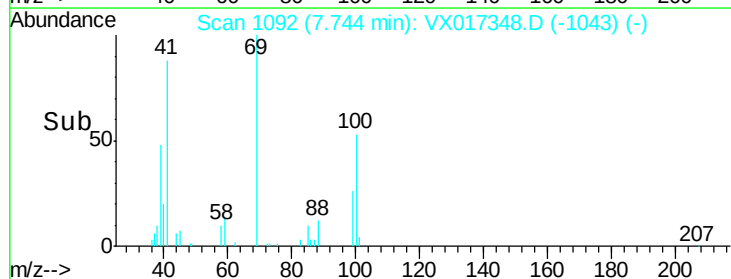
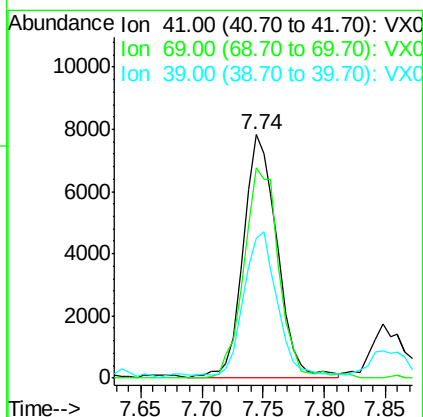
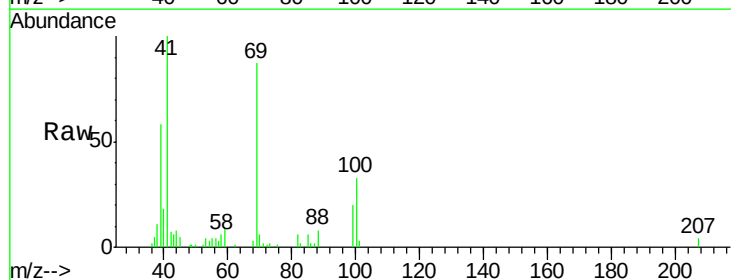
Tgt Ion: 41 Resp: 15130

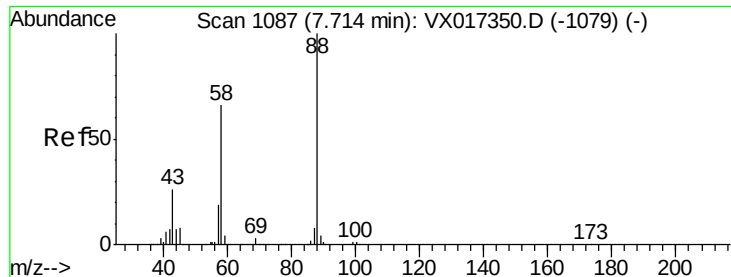
Ion Ratio Lower Upper

41 100

69 89.8 67.8 101.6

39 58.7 45.1 67.7

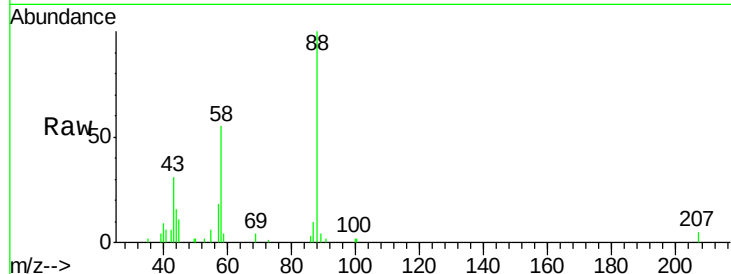




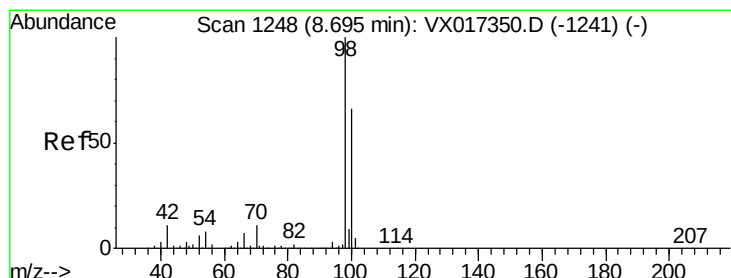
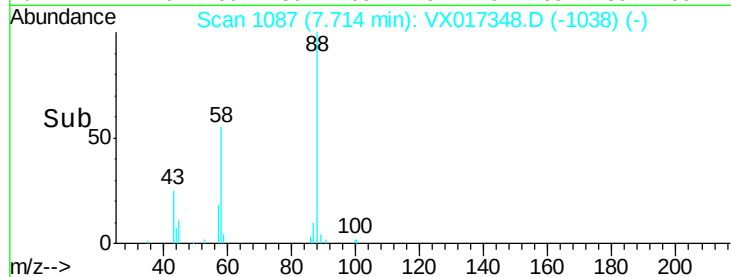
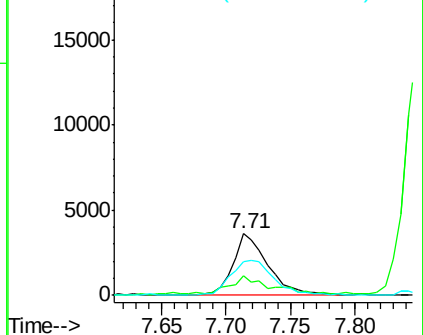
#49
1,4-Dioxane
Concen: 88.878 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 6809
Ion Ratio Lower Upper
88 100
43 33.1 25.6 38.4
58 71.5 53.9 80.9

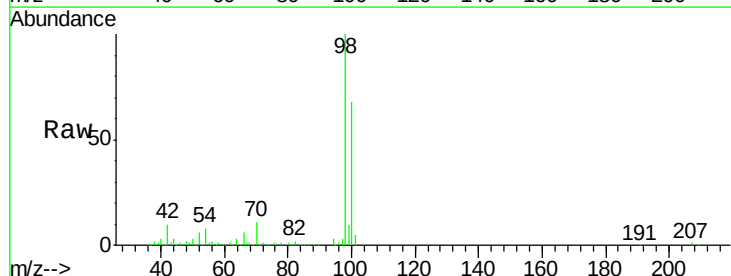


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

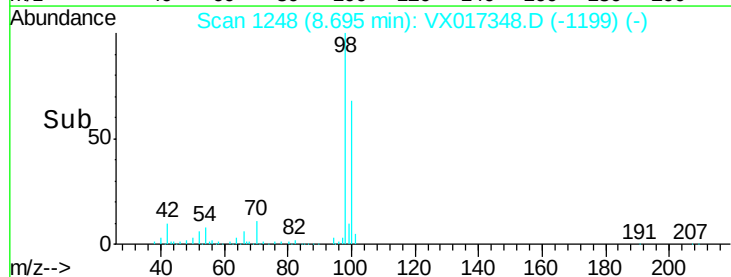
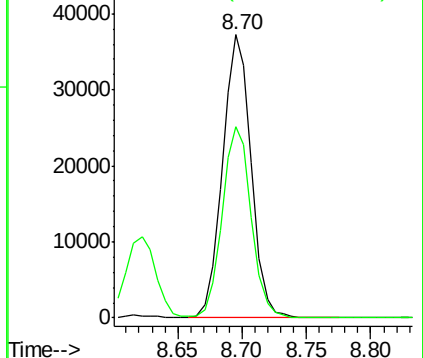


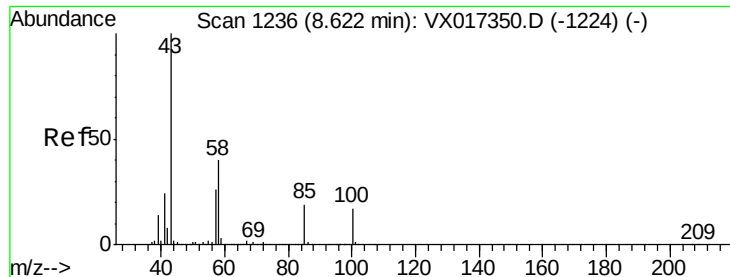
#50
Toluene-d8
Concen: 5.394 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion: 98 Resp: 58169
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

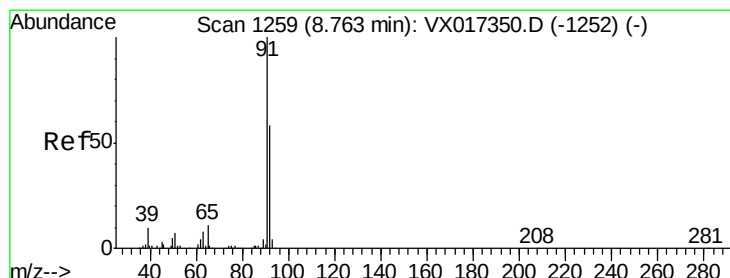
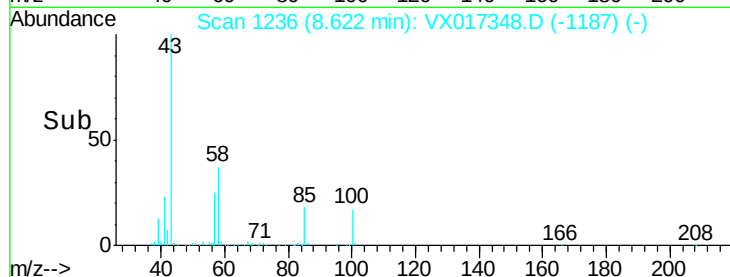
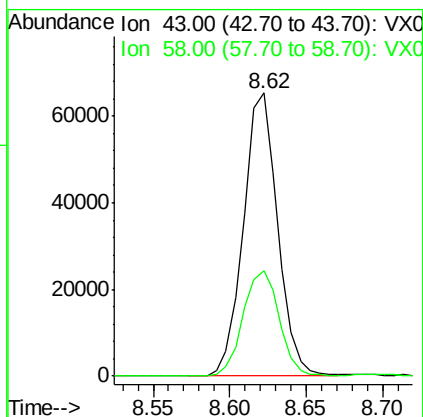
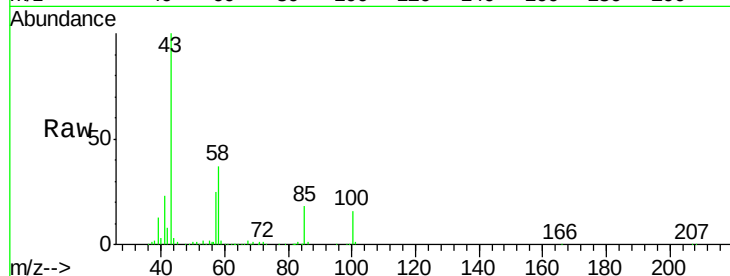




#51
 4-Methyl-2-Pentanone
 Concen: 23.691 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

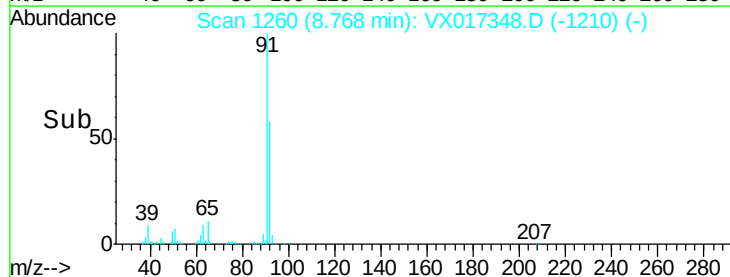
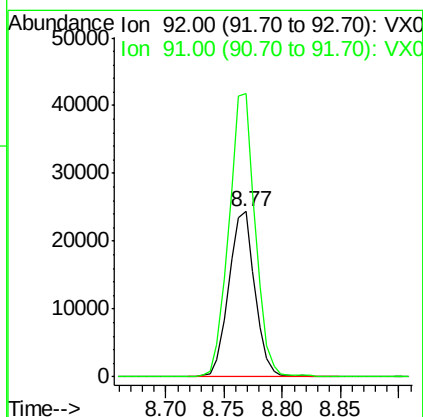
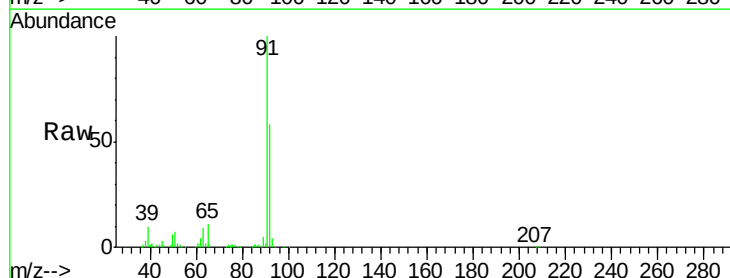
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

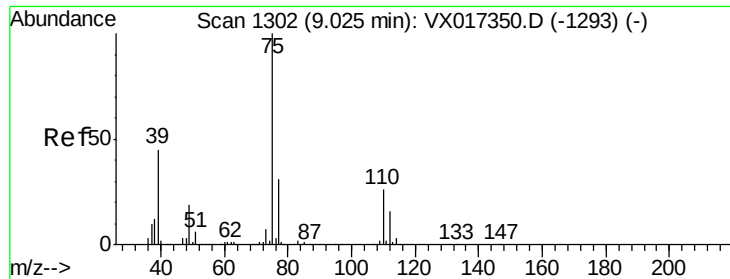
Tgt Ion: 43 Resp: 101787
 Ion Ratio Lower Upper
 43 100
 58 39.4 32.2 48.2



#52
 Toluene
 Concen: 4.861 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

Tgt Ion: 92 Resp: 38258
 Ion Ratio Lower Upper
 92 100
 91 172.1 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 4.704 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

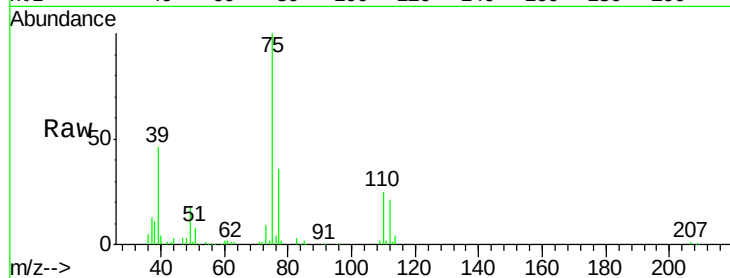
VSTDIC005

Tgt Ion: 75 Resp: 23707

Ion Ratio Lower Upper

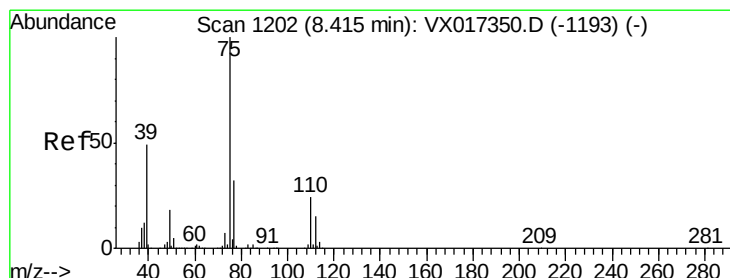
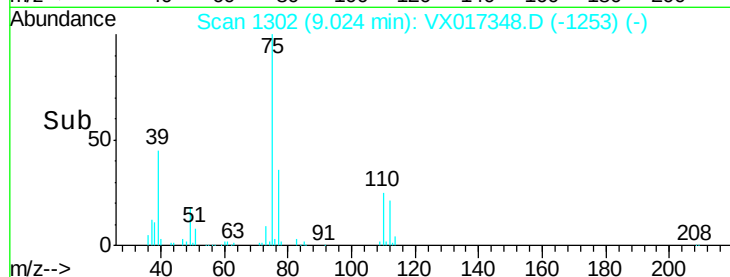
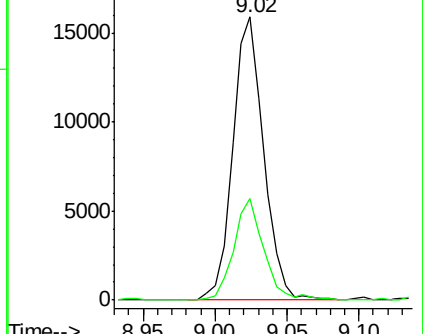
75 100

77 35.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.827 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

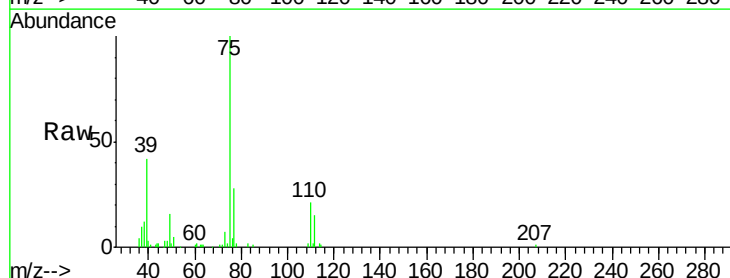
Tgt Ion: 75 Resp: 26023

Ion Ratio Lower Upper

75 100

77 28.4 25.3 37.9

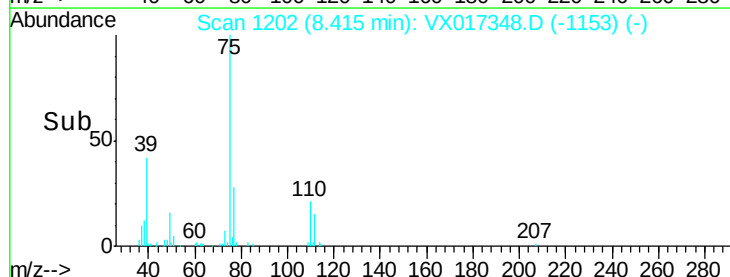
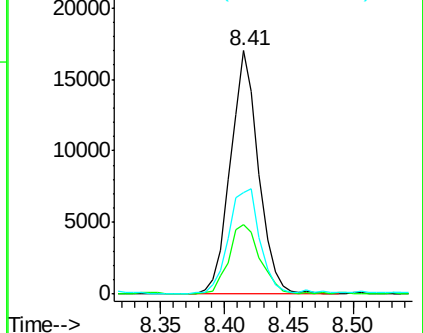
39 41.3 38.9 58.3

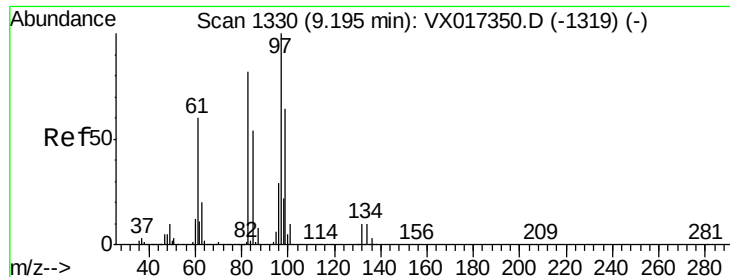


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

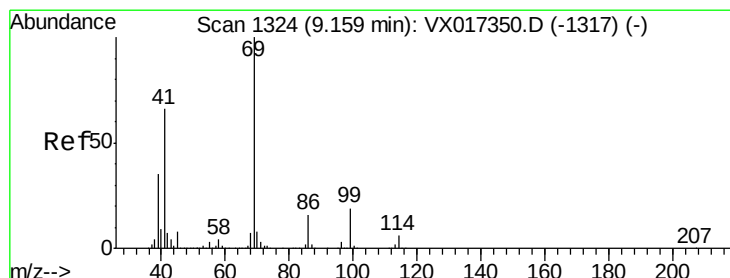
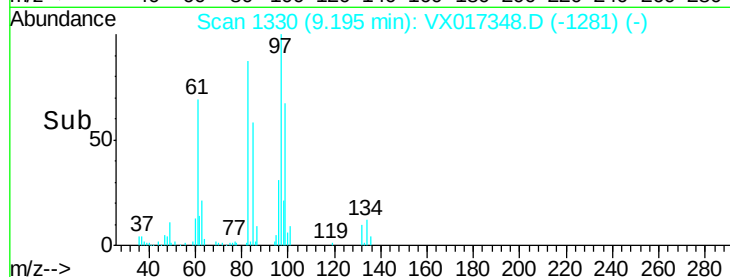
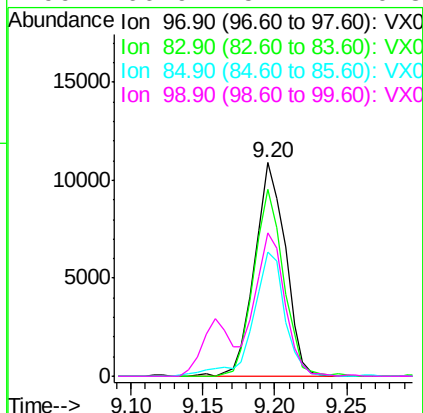
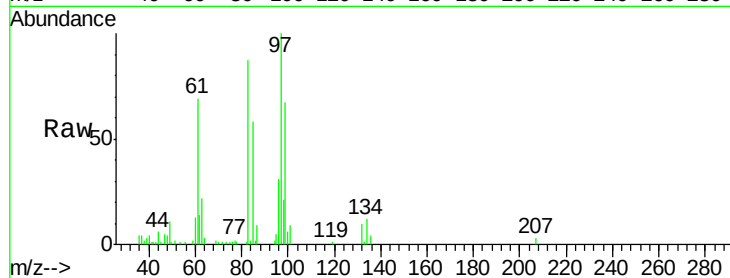




#55
 1,1,2-Trichloroethane
 Concen: 4.978 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

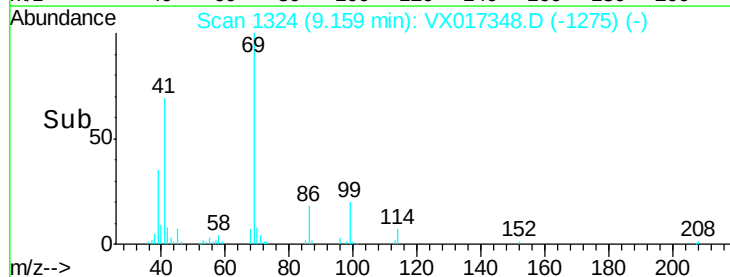
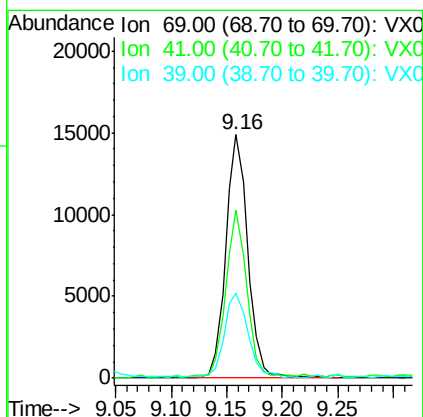
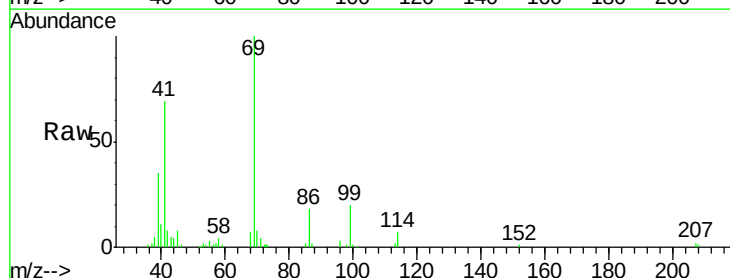
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

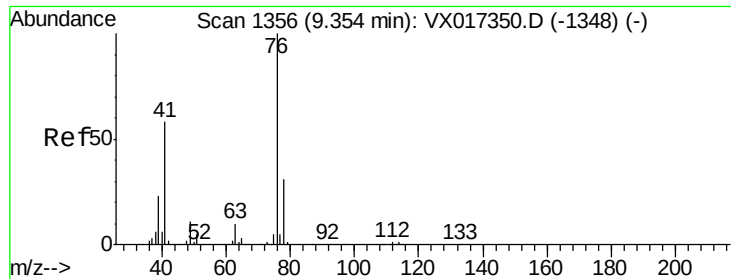
Tgt Ion:	97	Resp:	16080
Ion	Ratio	Lower	Upper
97	100		
83	87.3	65.8	98.6
85	57.9	42.8	64.2
99	66.9	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 4.455 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

Tgt Ion:	69	Resp:	20408
Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.6	78.8
39	38.5	28.8	43.2





#57

1,3-Dichloropropane

Concen: 4.859 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

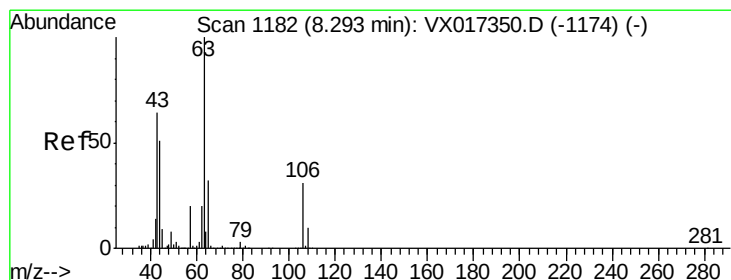
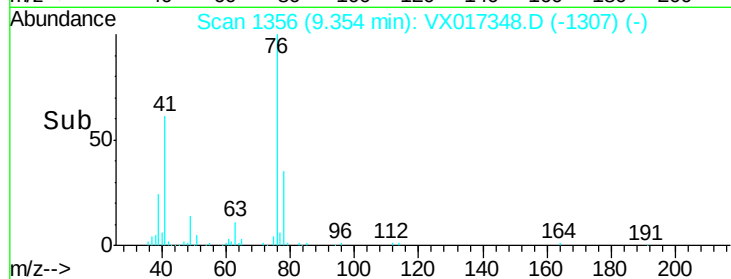
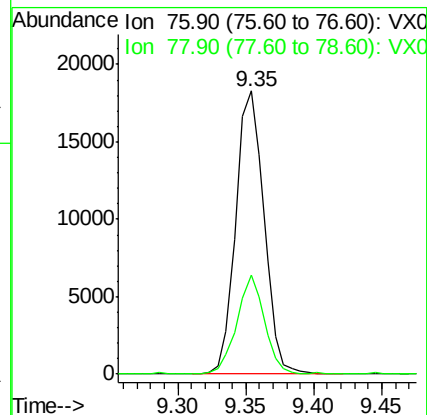
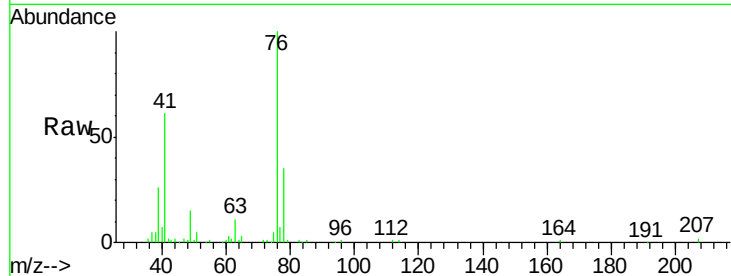
VSTDIC005

Tgt Ion: 76 Resp: 26464

Ion Ratio Lower Upper

76 100

78 34.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.269 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017348.D

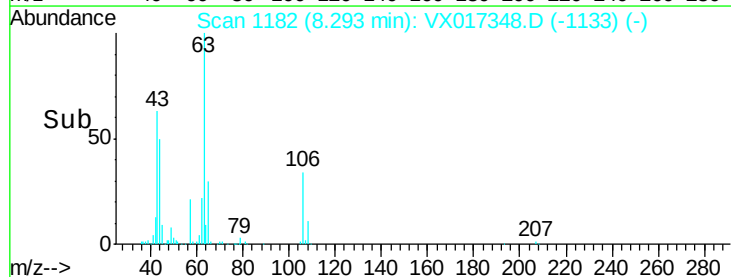
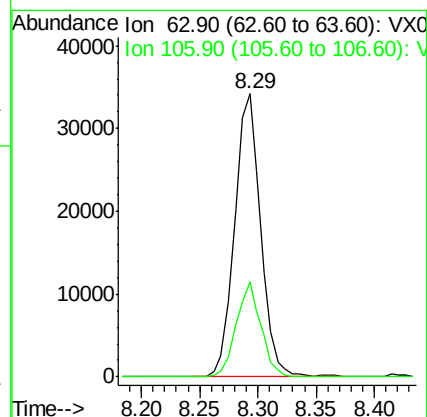
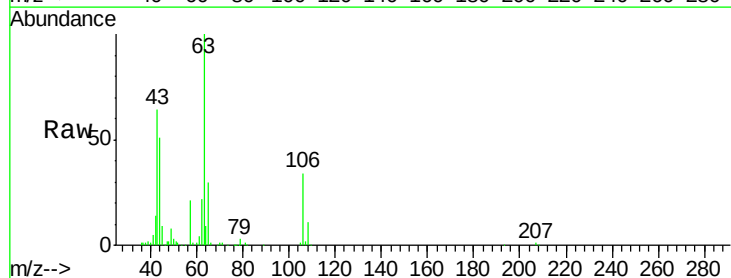
Acq: 13 Jul 2020 10:38

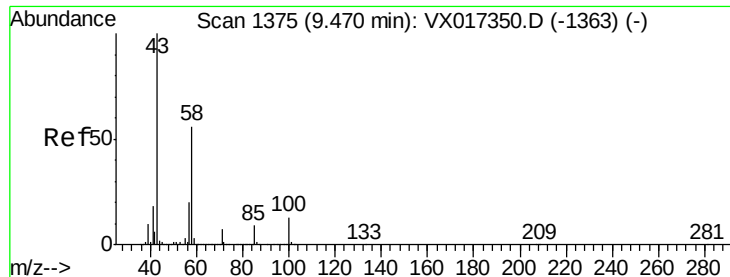
Tgt Ion: 63 Resp: 53256

Ion Ratio Lower Upper

63 100

106 32.0 24.8 37.2

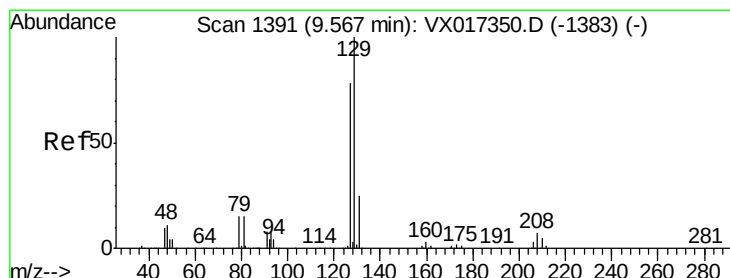
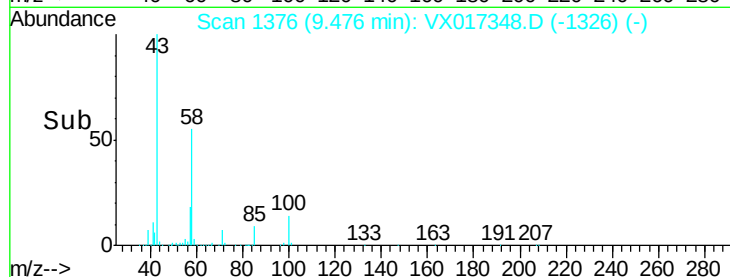
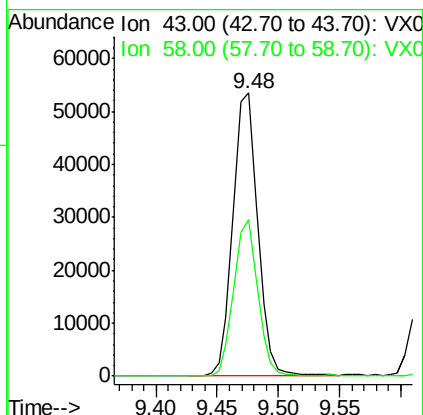
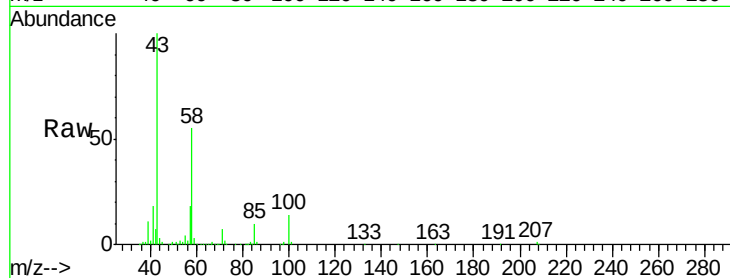




#59
2-Hexanone
Concen: 23.904 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

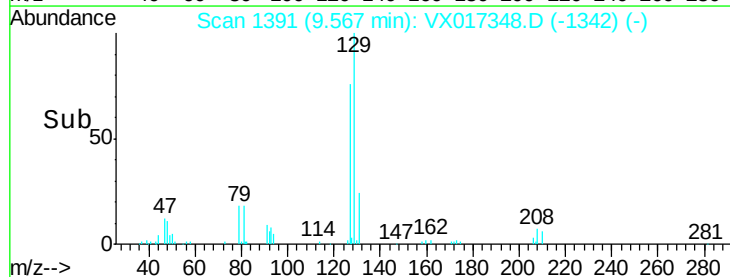
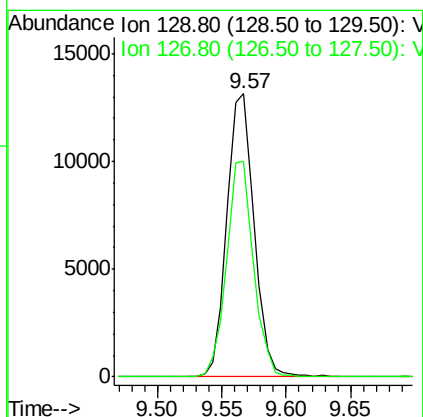
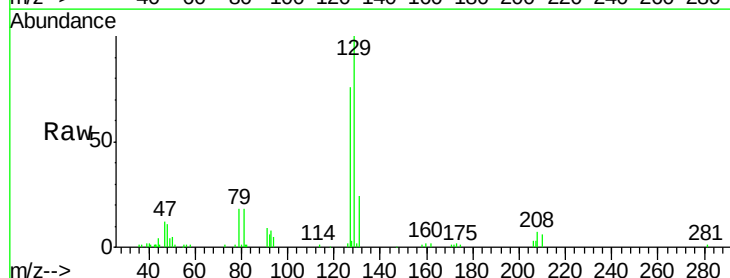
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

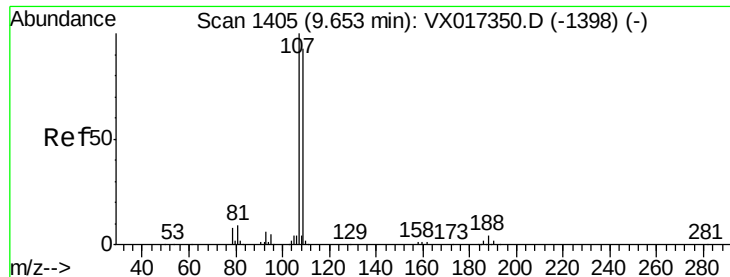
Tgt Ion: 43 Resp: 75424
Ion Ratio Lower Upper
43 100
58 53.3 28.1 84.3



#60
Dibromochloromethane
Concen: 5.190 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion: 129 Resp: 19625
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 5.016 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampled :

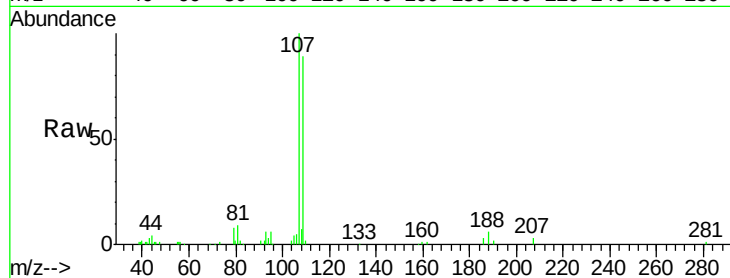
VSTDIC005

Tgt Ion: 107 Resp: 17441

Ion Ratio Lower Upper

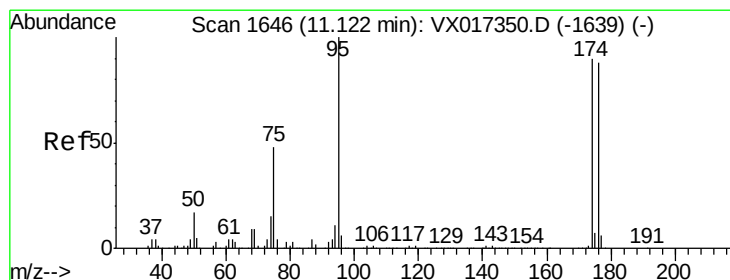
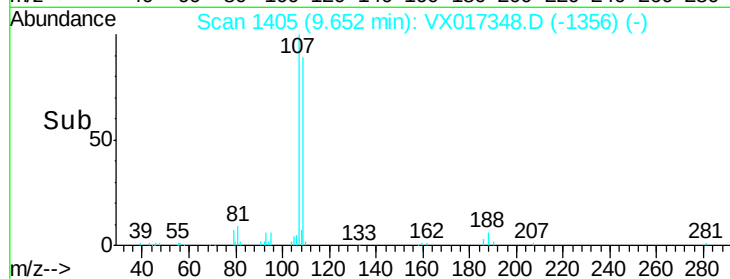
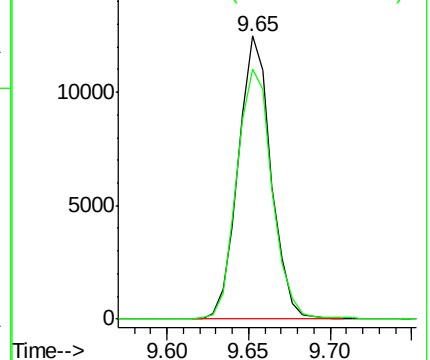
107 100

109 95.2 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.203 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

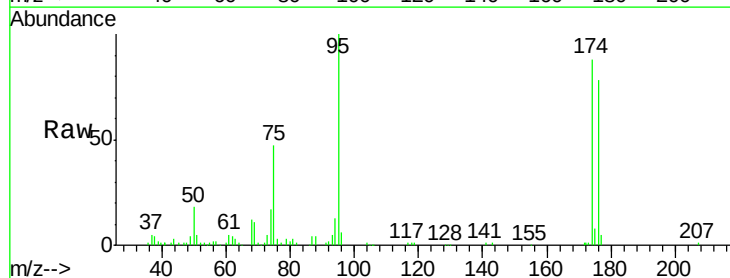
Tgt Ion: 95 Resp: 21994

Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

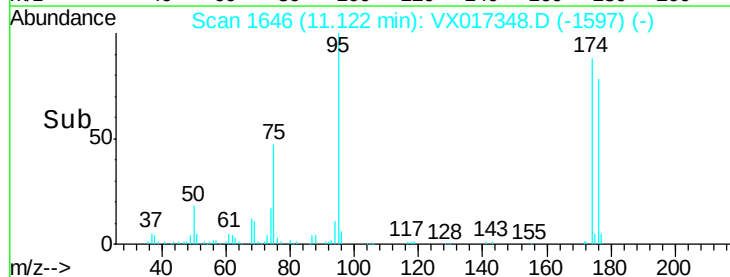
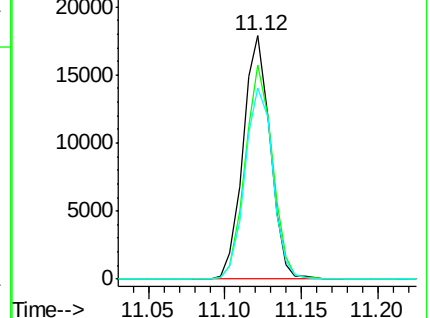
176 81.0 0.0 164.6

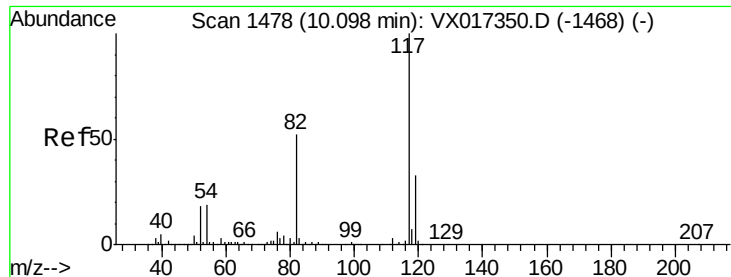


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

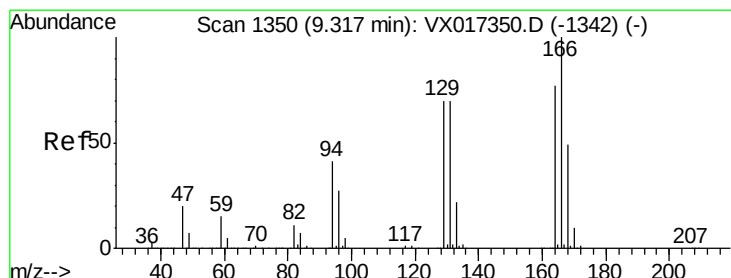
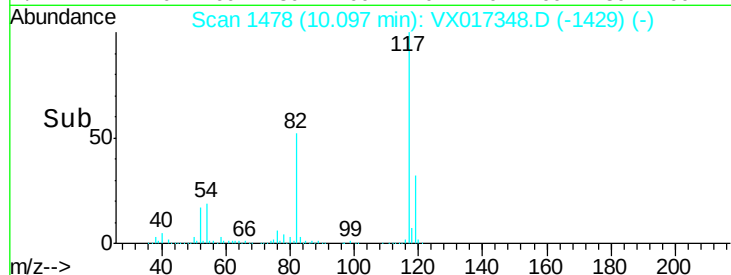
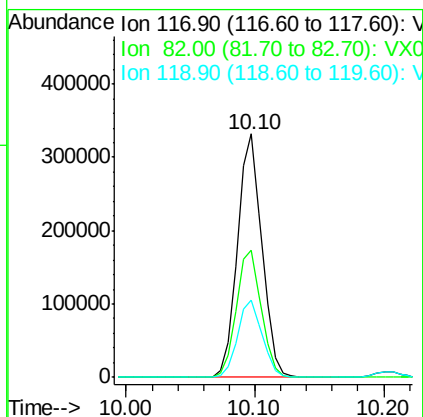
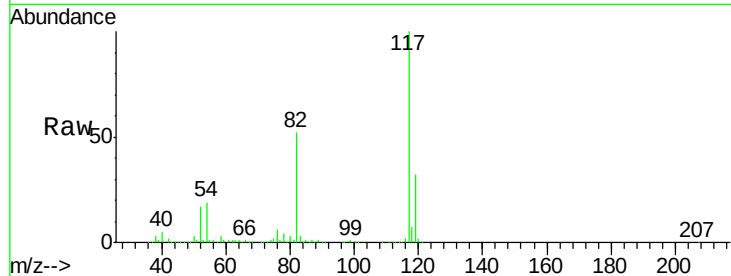




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

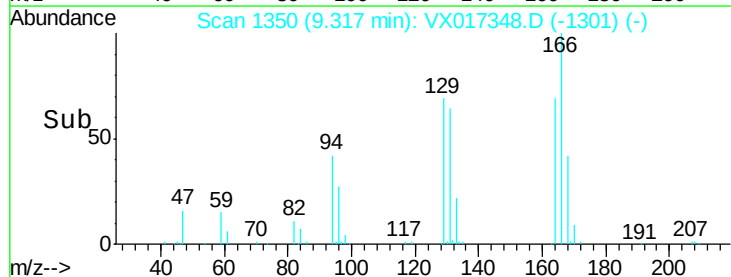
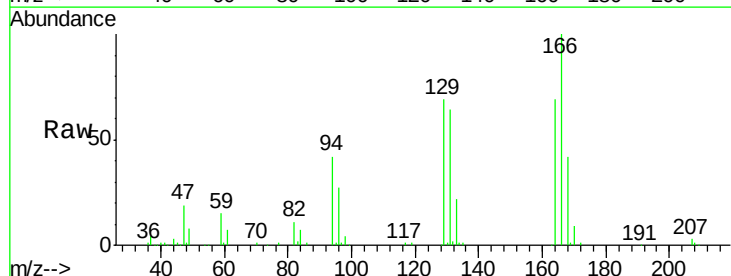
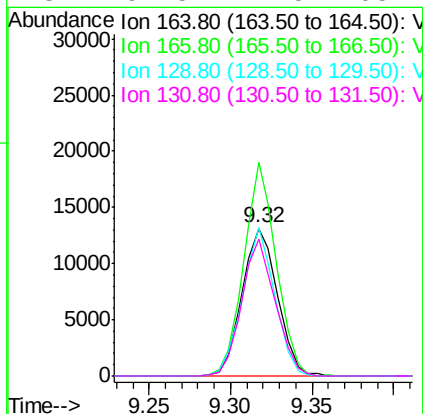
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

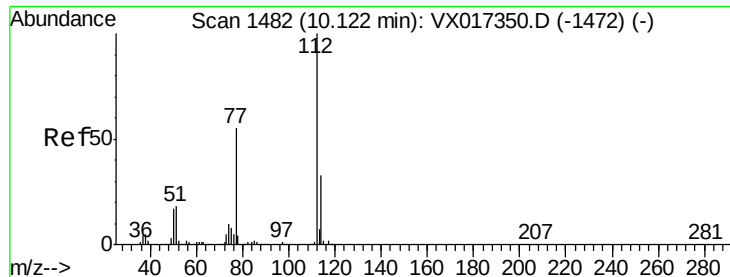
Tgt Ion:117 Resp: 435251
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 5.573 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion:164 Resp: 19855
Ion Ratio Lower Upper
164 100
166 144.5 103.9 155.9
129 100.1 72.9 109.3
131 92.5 72.5 108.7





#65

Chlorobenzene

Concen: 4.853 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

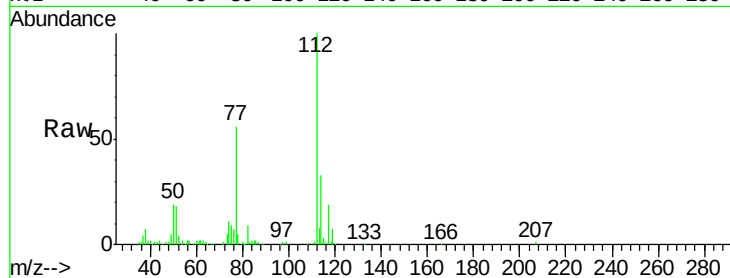
VSTDIC005

Tgt Ion:112 Resp: 43625

Ion Ratio Lower Upper

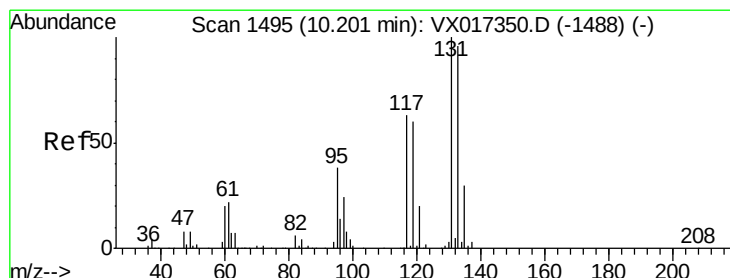
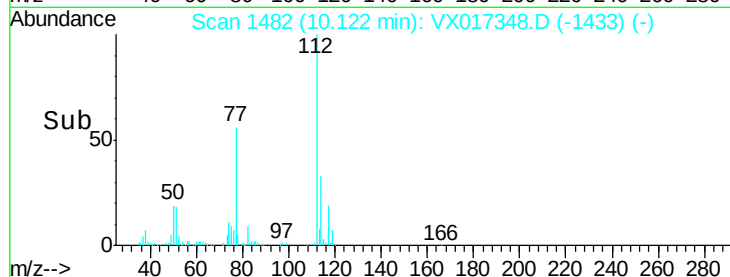
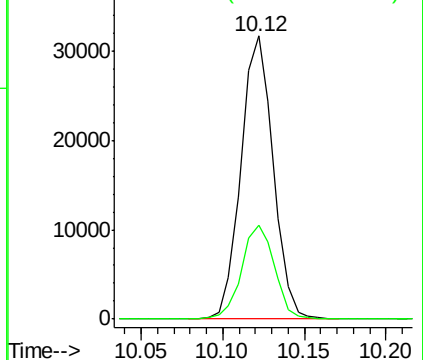
112 100

114 33.2 26.0 39.0



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: 5.086 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

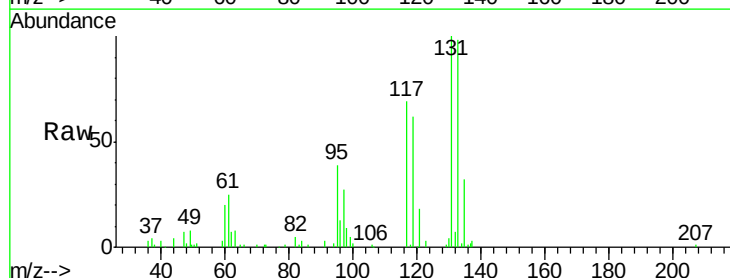
Tgt Ion:131 Resp: 17739

Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.2

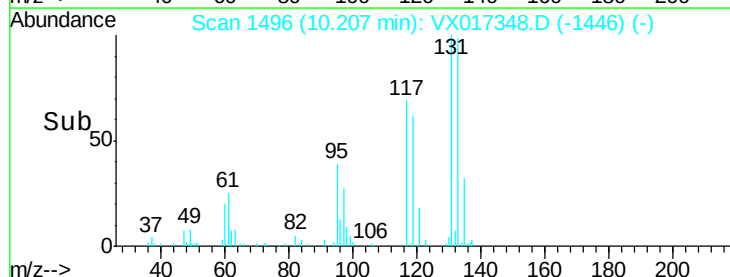
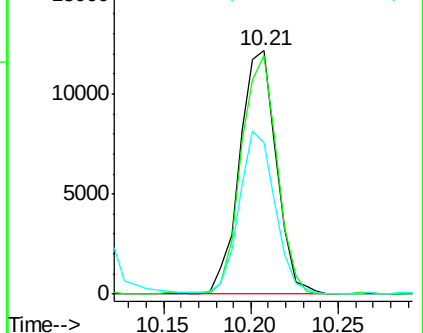
119 65.5 31.2 93.6

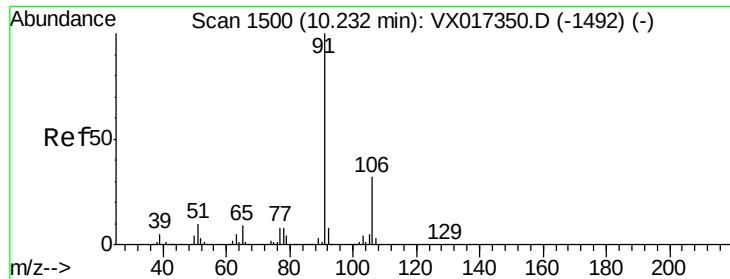


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 4.735 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

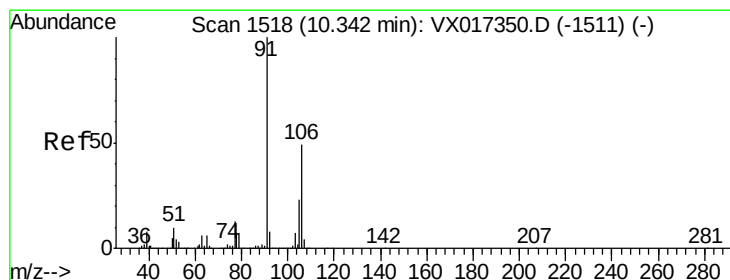
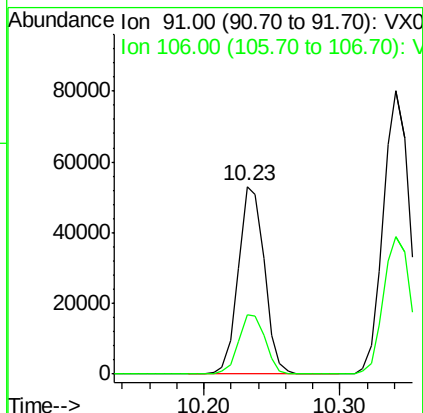
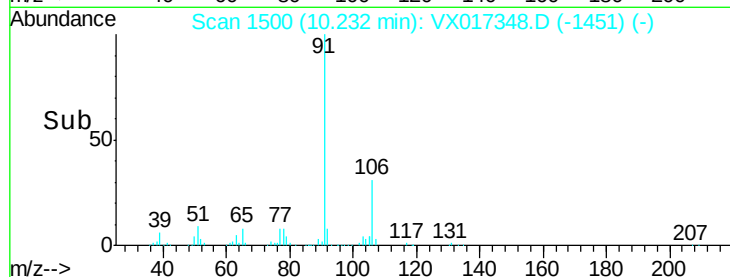
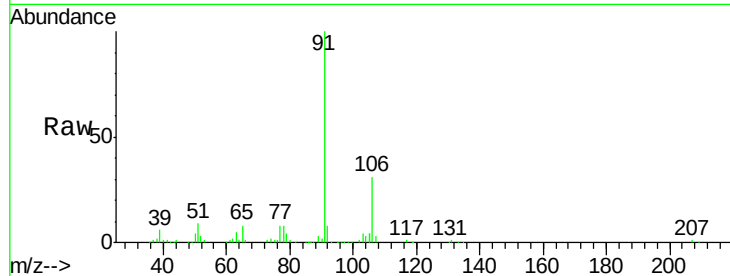
VSTDIC005

Tgt Ion: 91 Resp: 70956

Ion Ratio Lower Upper

91 100

106 31.4 25.7 38.5



#68

m/p-Xylenes

Concen: 9.413 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017348.D

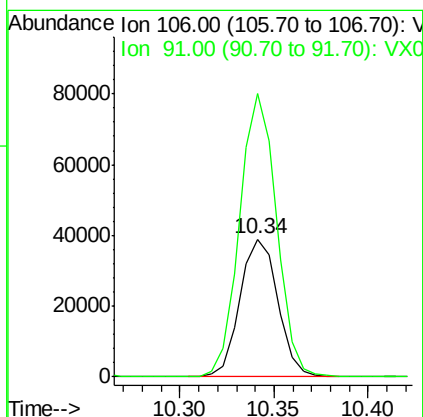
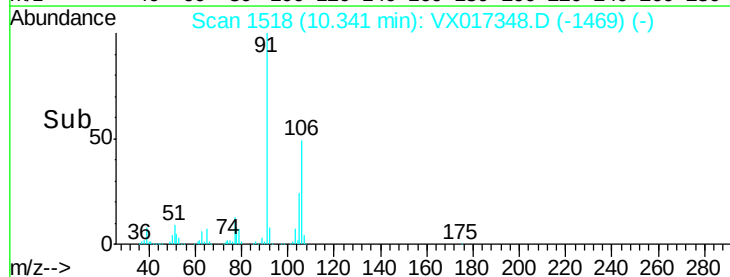
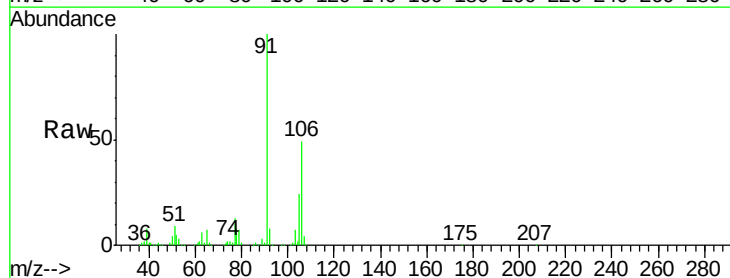
Acq: 13 Jul 2020 10:38

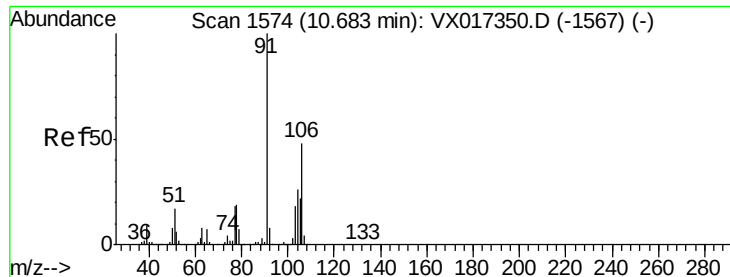
Tgt Ion: 106 Resp: 54155

Ion Ratio Lower Upper

106 100

91 201.3 162.5 243.7

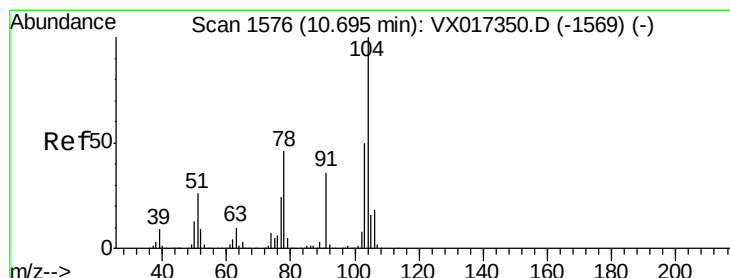
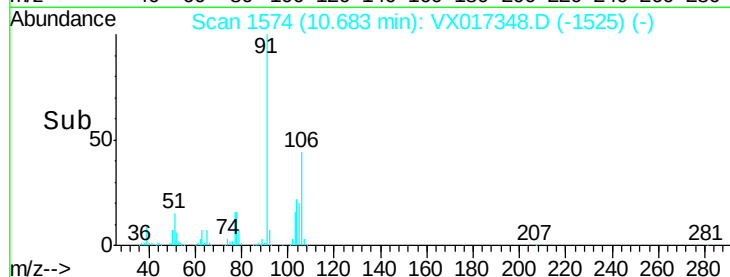
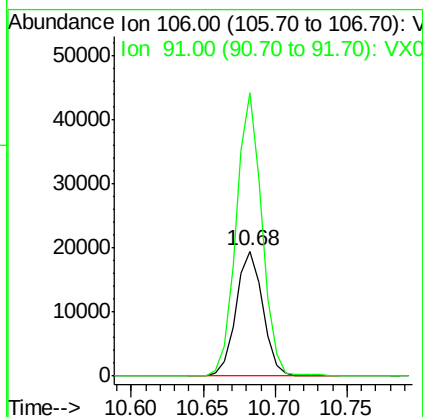
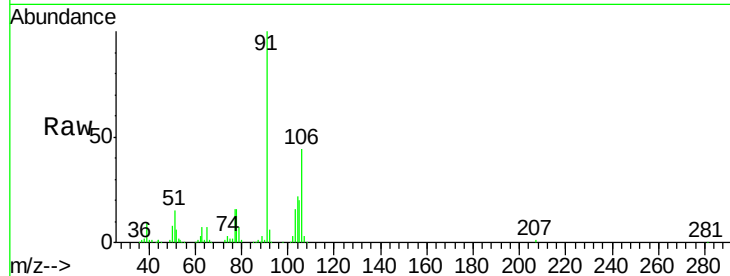




#69
o-Xylene
Concen: 4.618 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

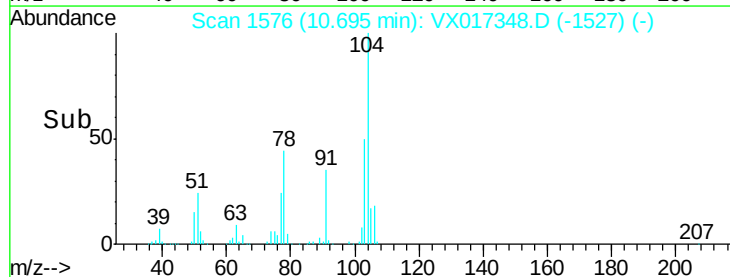
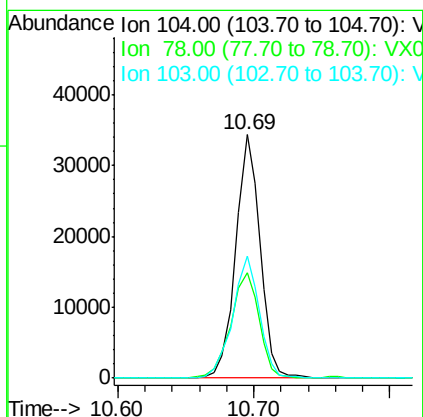
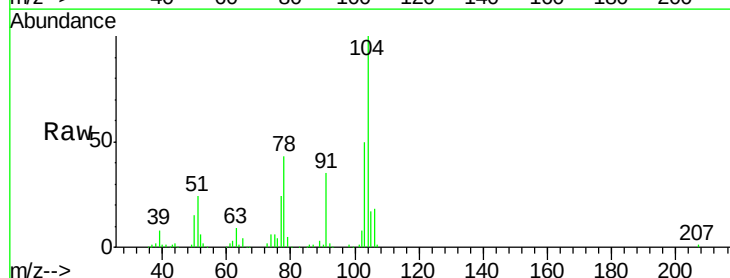
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

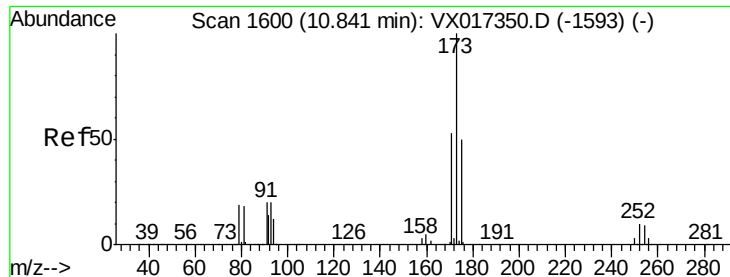
Tgt Ion:106 Resp: 25352
Ion Ratio Lower Upper
106 100
91 216.8 106.1 318.1



#70
Styrene
Concen: 4.599 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017348.D
Acq: 13 Jul 2020 10:38

Tgt Ion:104 Resp: 42934
Ion Ratio Lower Upper
104 100
78 50.5 40.8 61.2
103 55.1 43.3 64.9





#71

Bromoform

Concen: 5.041 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

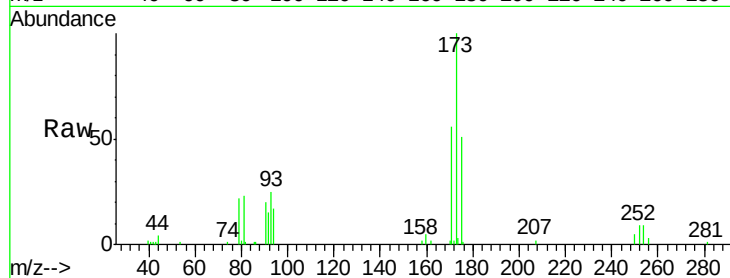
Tgt Ion:173 Resp: 14044

Ion Ratio Lower Upper

173 100

175 49.9 24.7 74.1

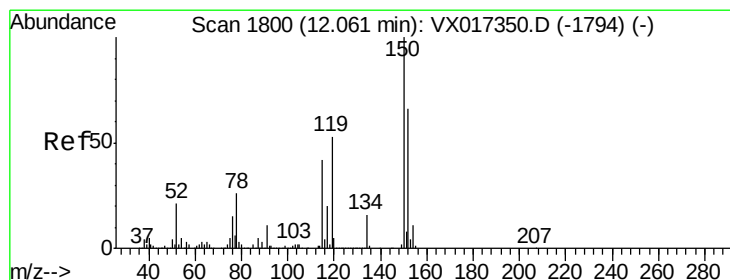
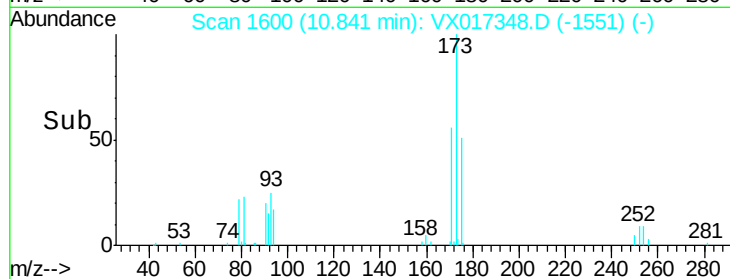
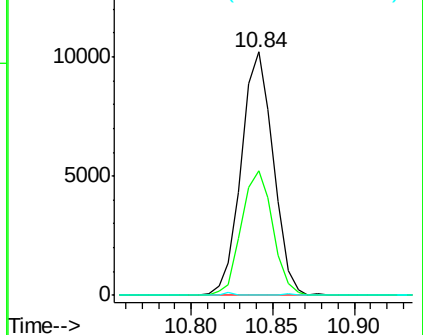
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

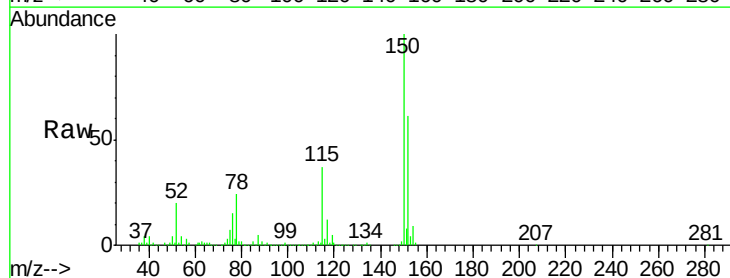
Tgt Ion:152 Resp: 226074

Ion Ratio Lower Upper

152 100

115 59.7 39.9 119.7

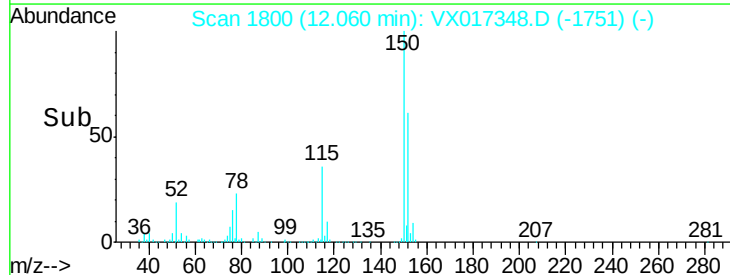
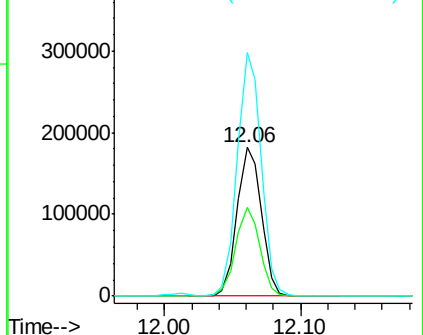
150 161.5 0.0 343.4

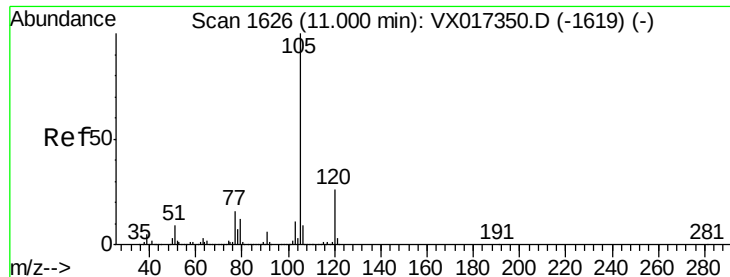


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.727 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

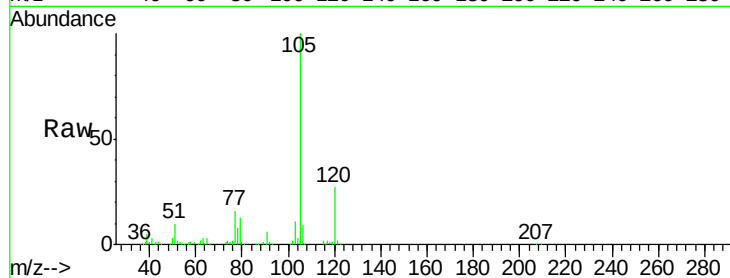
VSTDIC005

Tgt Ion: 105 Resp: 69698

Ion Ratio Lower Upper

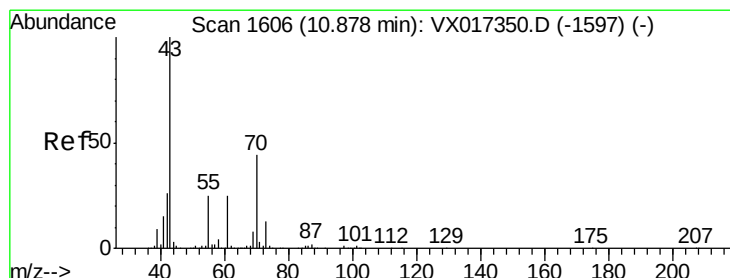
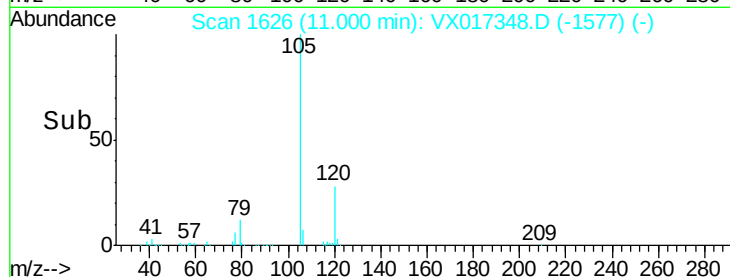
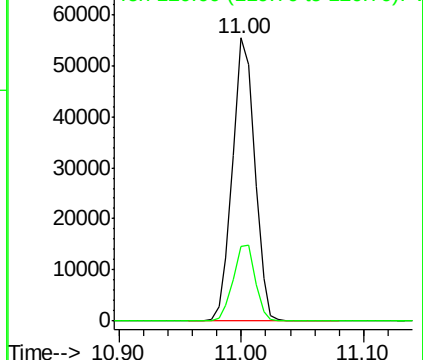
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.210 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Tgt Ion: 43 Resp: 26169

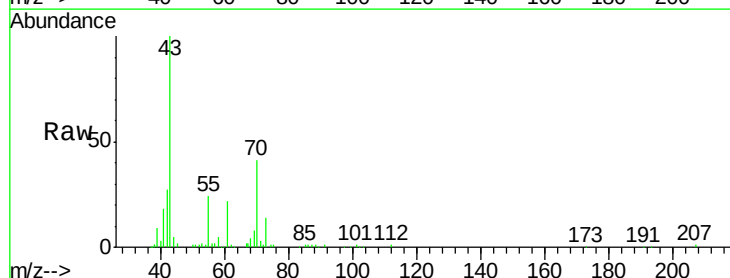
Ion Ratio Lower Upper

43 100

70 44.3 35.7 53.5

55 26.2 20.3 30.5

61 23.1 20.0 30.0

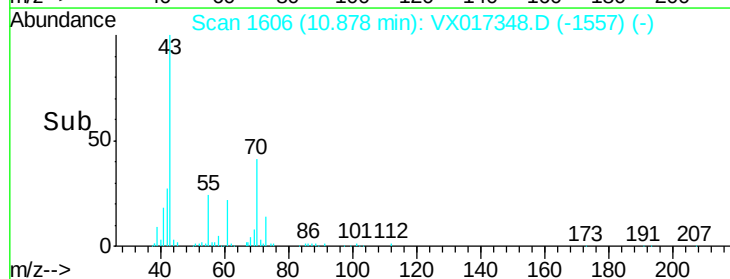
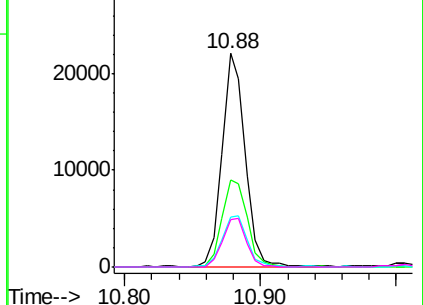


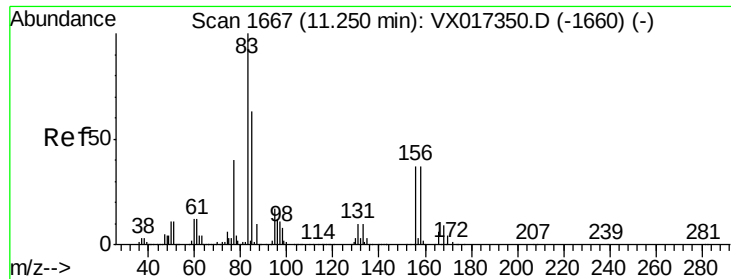
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 4.724 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

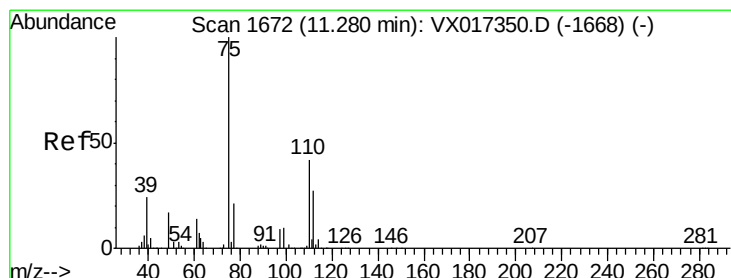
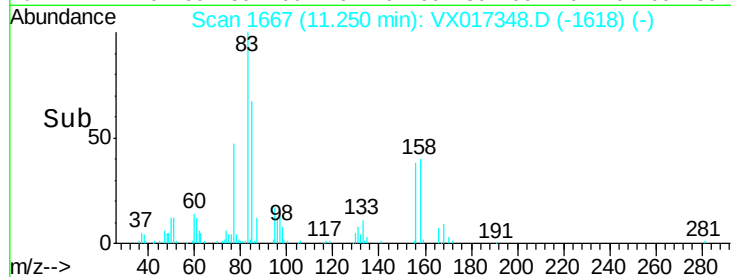
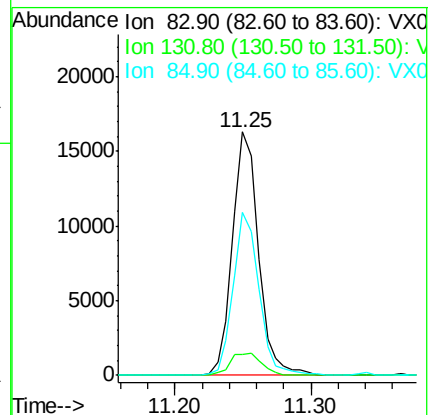
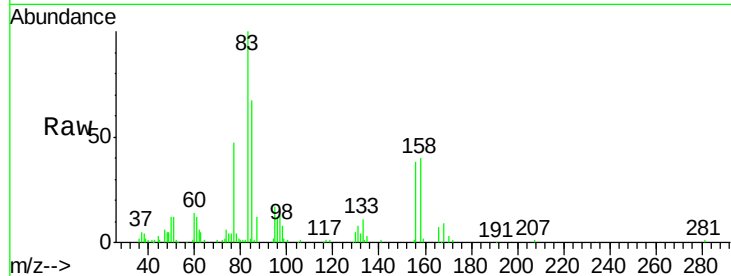
Tgt Ion: 83 Resp: 21782

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

85 66.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 6.371 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017348.D

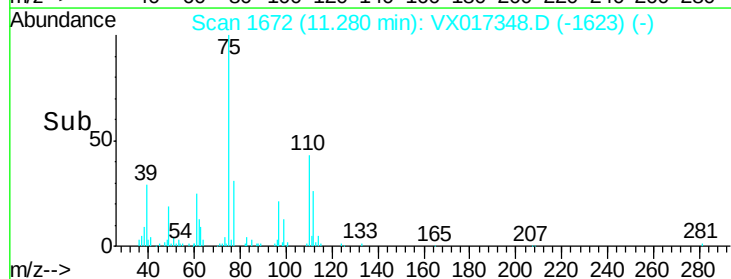
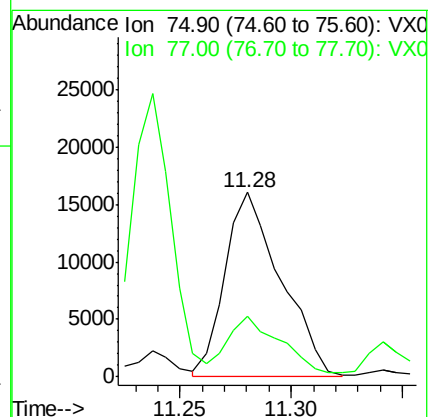
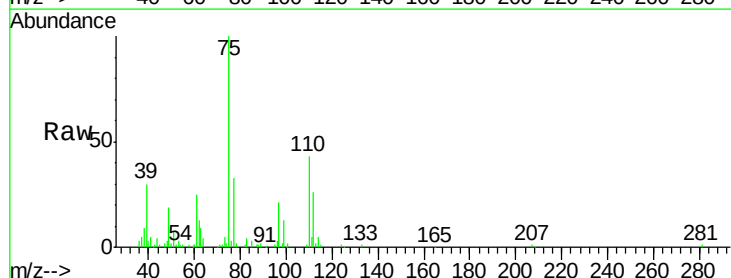
Acq: 13 Jul 2020 10:38

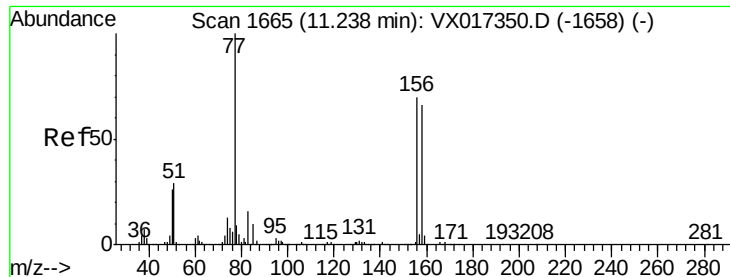
Tgt Ion: 75 Resp: 28040

Ion Ratio Lower Upper

75 100

77 31.8 20.3 60.9





#77

Bromobenzene

Concen: 4.805 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

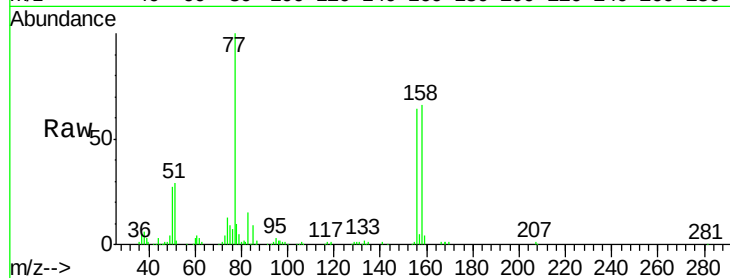
Tgt Ion:156 Resp: 19631

Ion Ratio Lower Upper

156 100

77 157.3 72.1 216.3

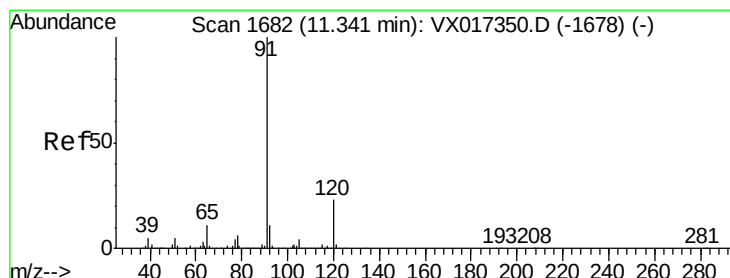
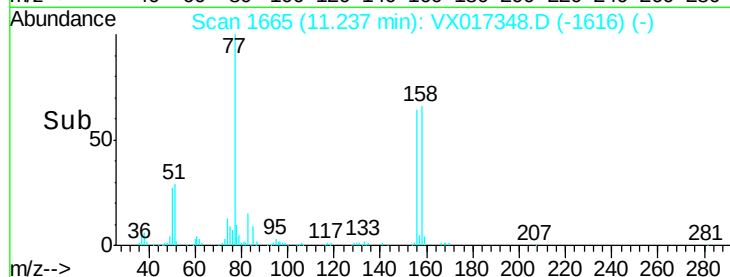
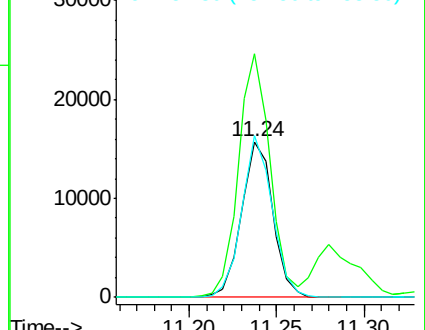
158 101.2 47.4 142.3



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: 4.604 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017348.D

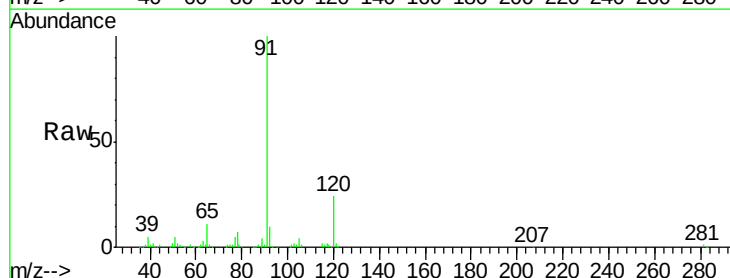
Acq: 13 Jul 2020 10:38

Tgt Ion: 91 Resp: 76809

Ion Ratio Lower Upper

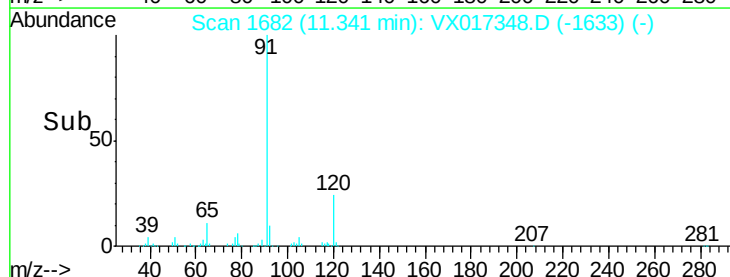
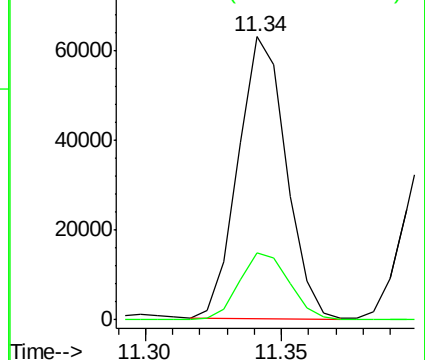
91 100

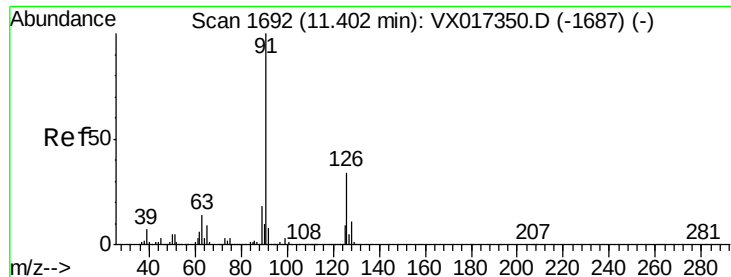
120 24.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

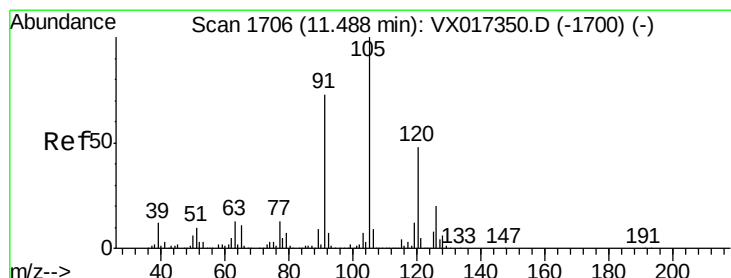
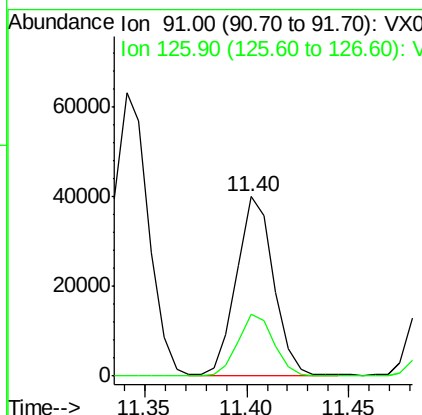
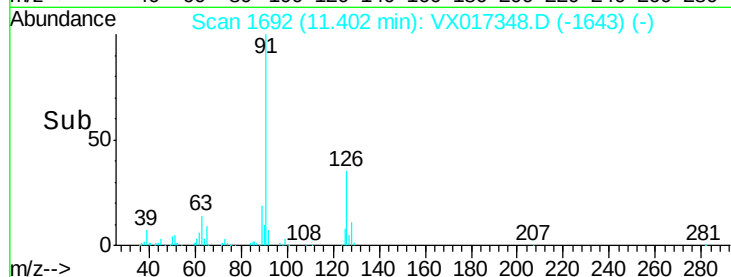
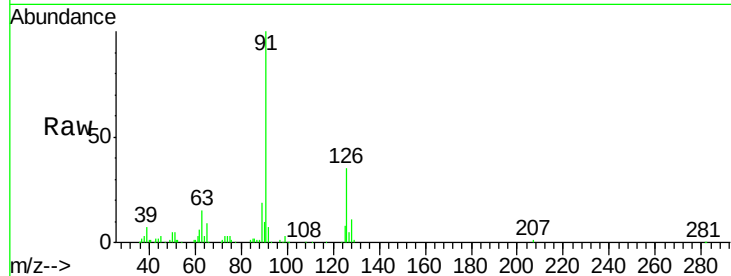




#79
 2-Chlorotoluene
 Concen: 4.925 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

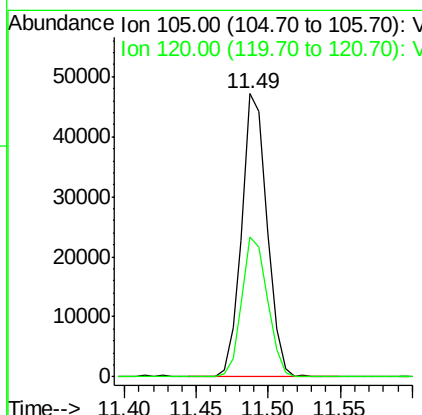
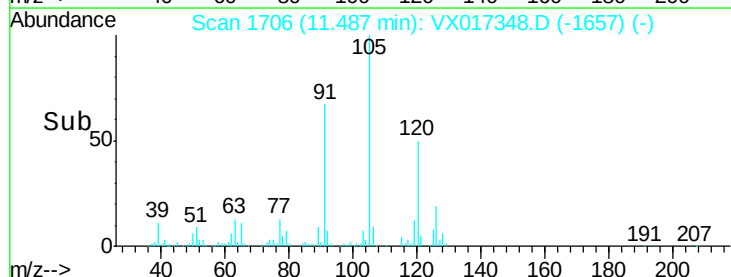
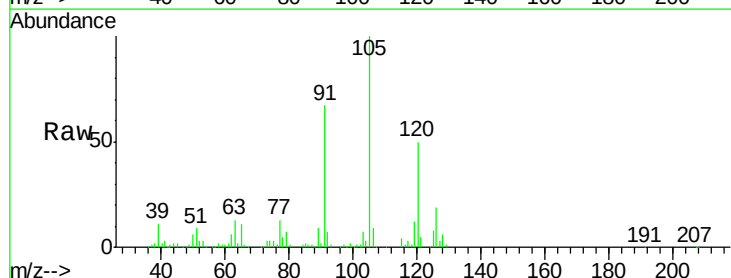
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

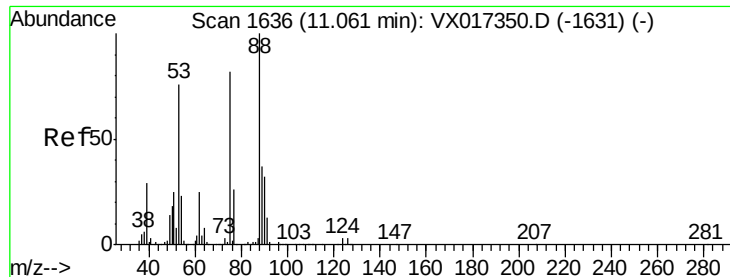
Tgt Ion: 91 Resp: 49731
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 4.709 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

Tgt Ion: 105 Resp: 57656
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.624 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

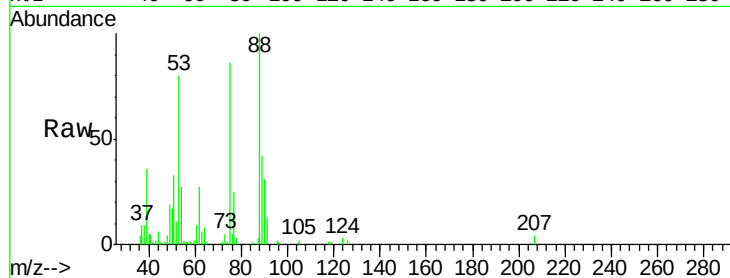
Tgt Ion: 75 Resp: 7835

Ion Ratio Lower Upper

75 100

53 102.8 76.5 114.7

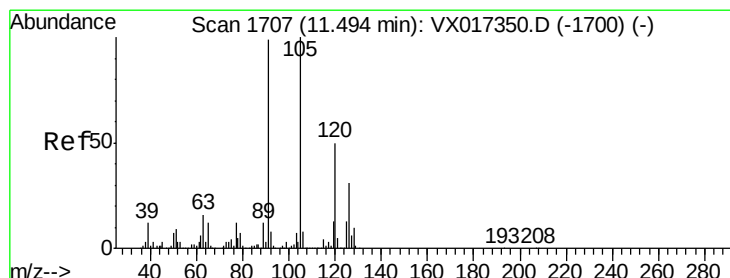
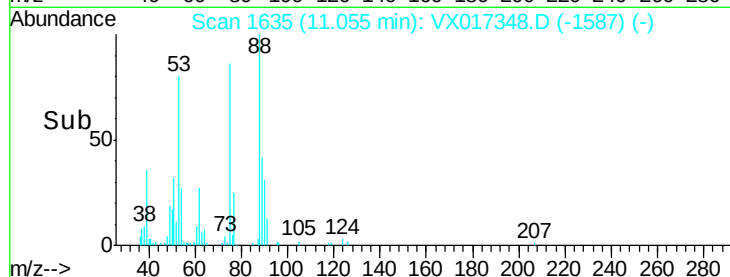
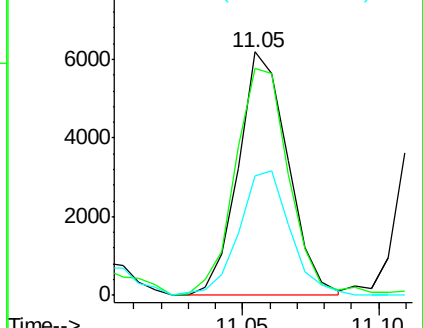
89 52.6 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.736 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017348.D

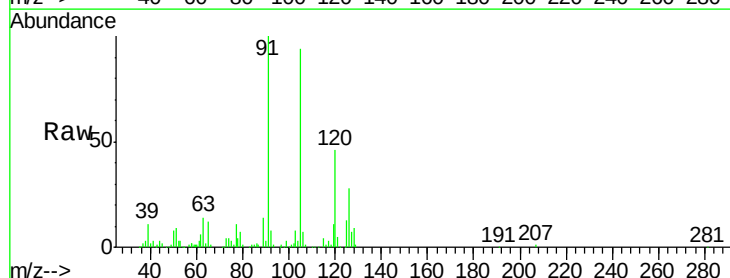
Acq: 13 Jul 2020 10:38

Tgt Ion: 91 Resp: 57249

Ion Ratio Lower Upper

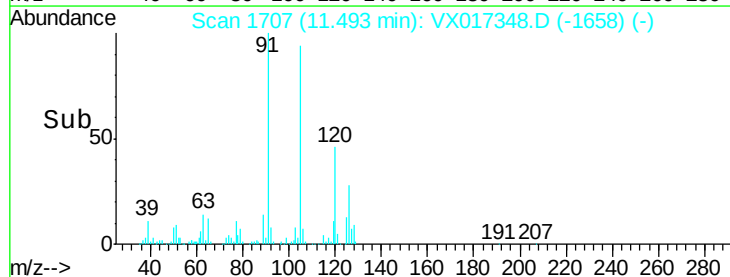
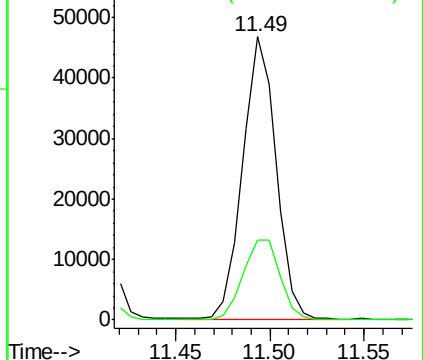
91 100

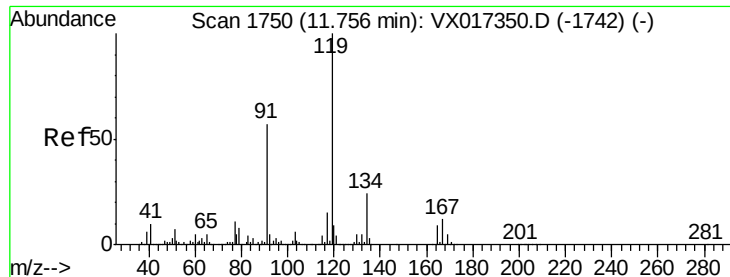
126 31.6 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

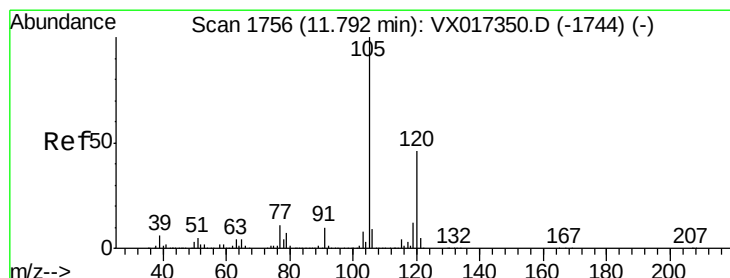
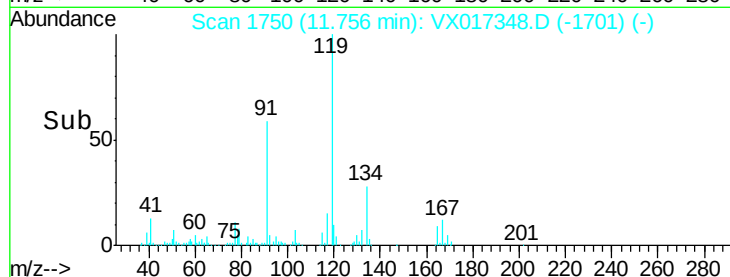
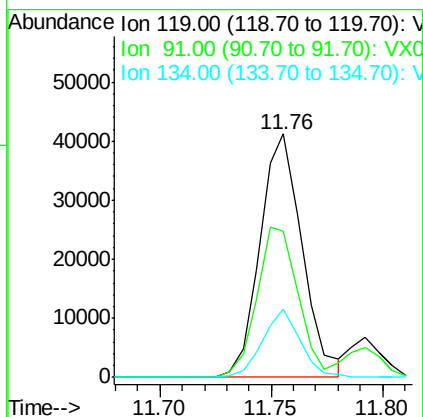
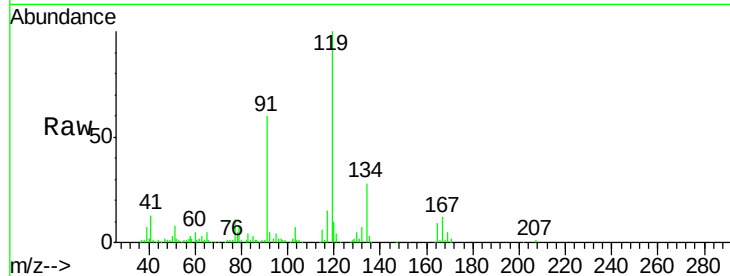




#83
 tert-Butylbenzene
 Concen: 4.513 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

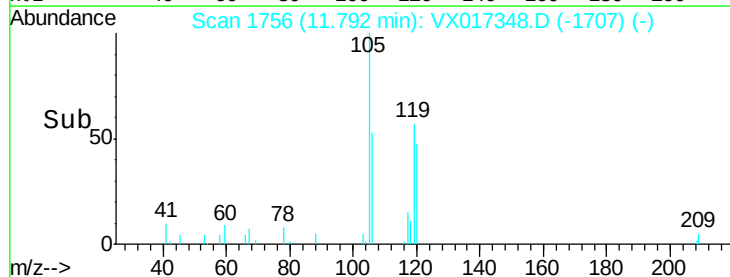
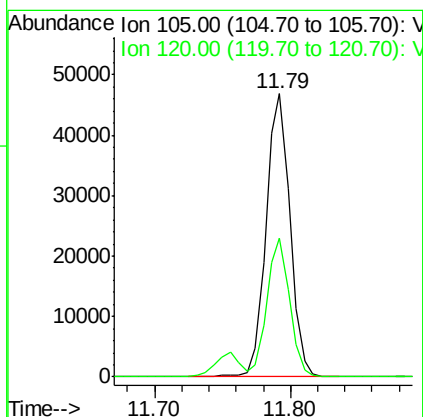
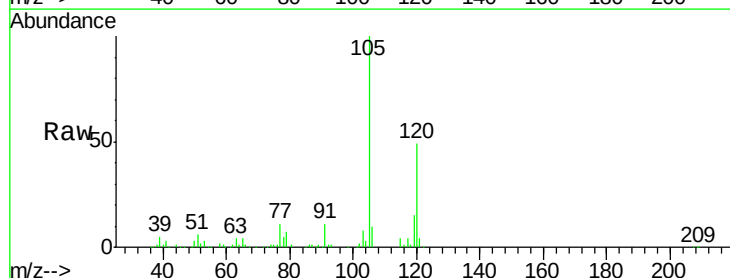
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

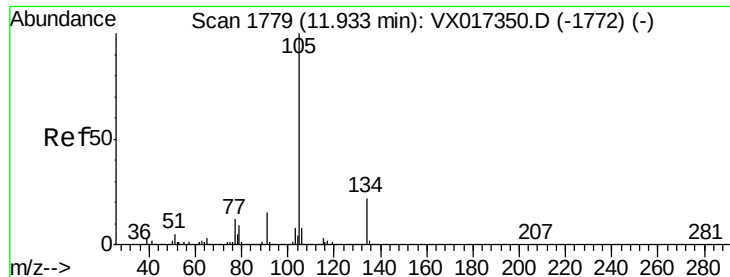
Tgt Ion:119 Resp: 54302
 Ion Ratio Lower Upper
 119 100
 91 60.2 28.5 85.6
 134 25.0 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 4.669 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

Tgt Ion:105 Resp: 58126
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 4.610 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

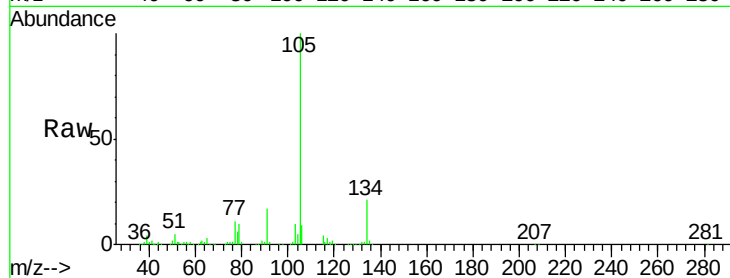
VSTDIC005

Tgt Ion:105 Resp: 65151

Ion Ratio Lower Upper

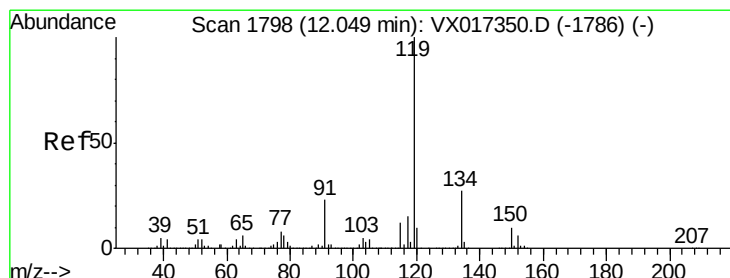
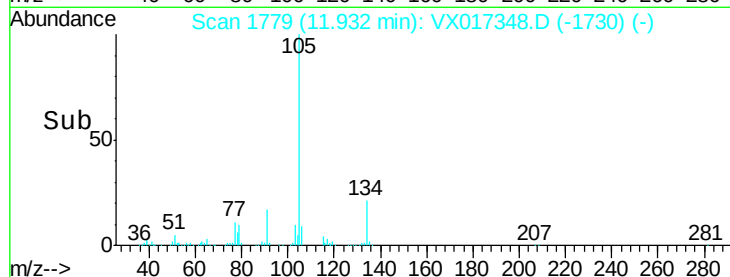
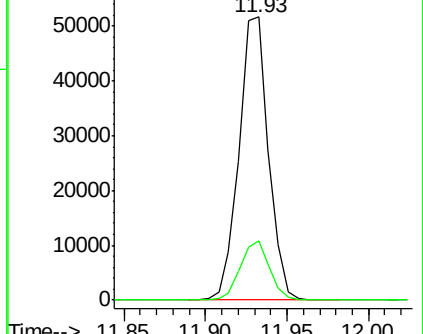
105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.612 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

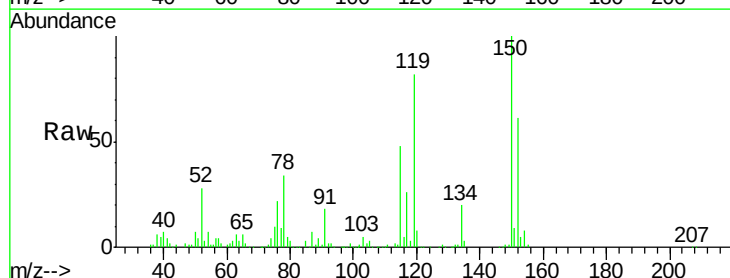
Tgt Ion:119 Resp: 60594

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.5

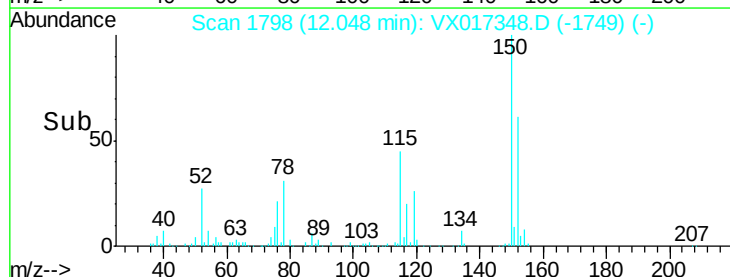
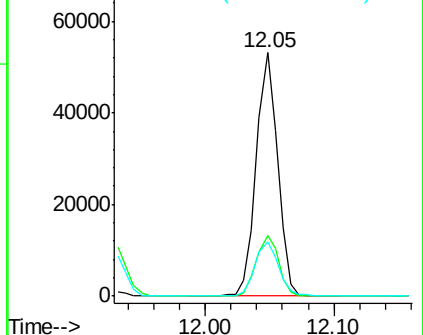
91 24.7 11.8 35.3

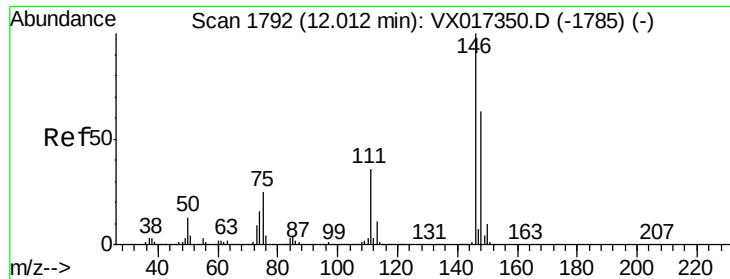


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

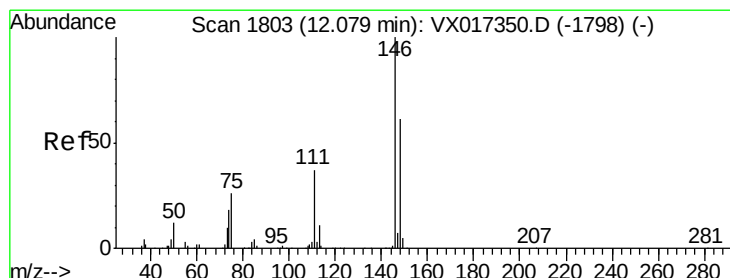
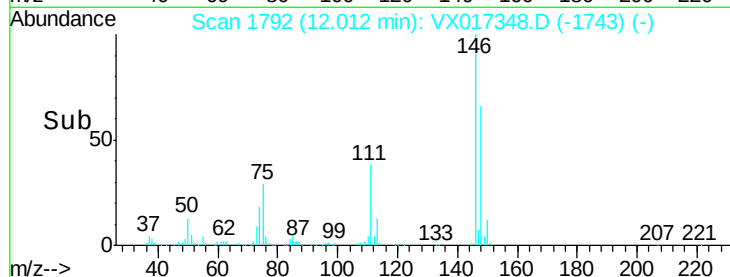
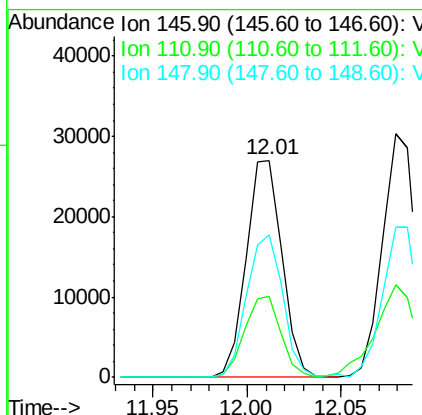
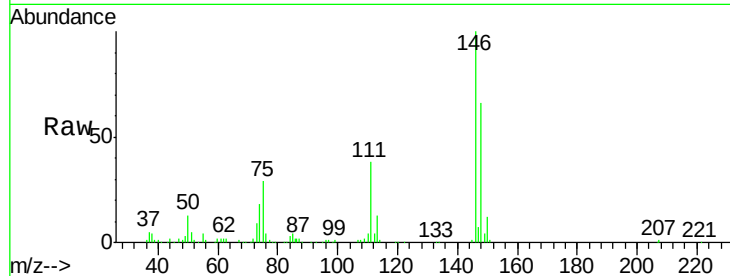




#87
 1,3-Dichlorobenzene
 Concen: 4.815 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

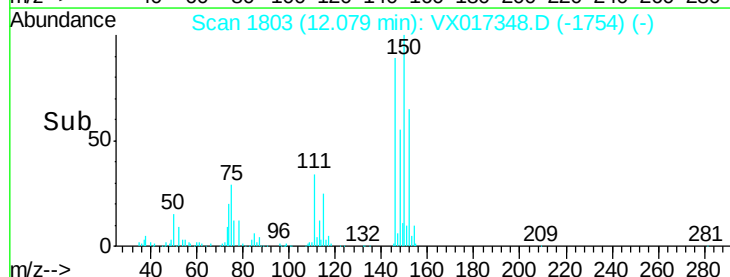
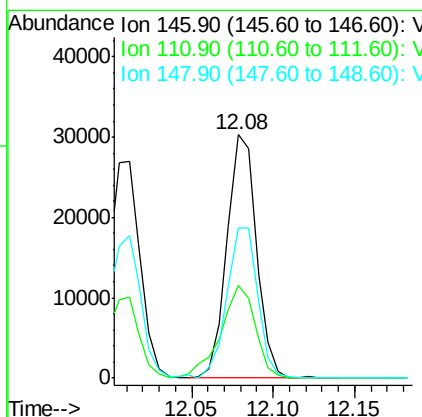
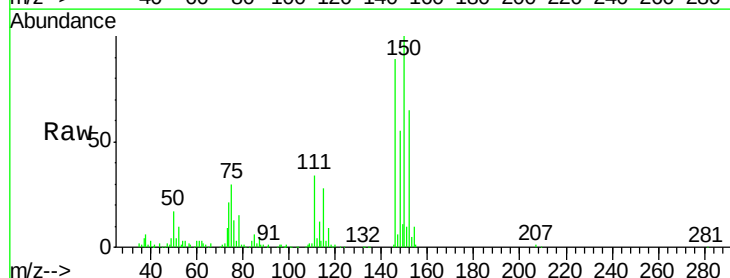
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

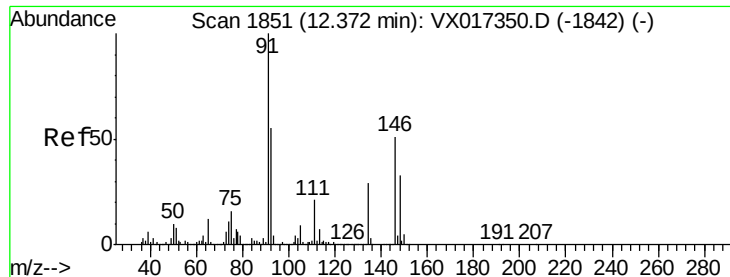
Tgt Ion:146 Resp: 35771
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.2 57.6
 148 65.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 5.047 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

Tgt Ion:146 Resp: 38251
 Ion Ratio Lower Upper
 146 100
 111 44.6 18.9 56.9
 148 64.7 31.9 95.9





#89

n-Butylbenzene

Concen: 4.333 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

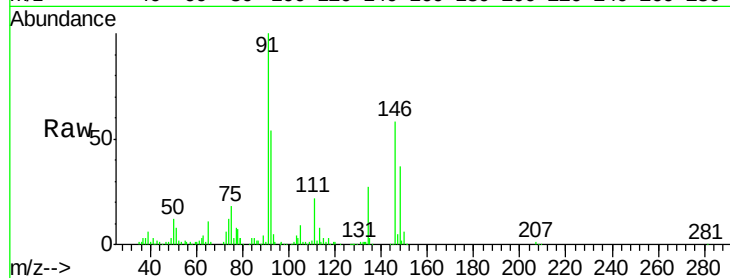
Tgt Ion: 91 Resp: 50648

Ion Ratio Lower Upper

91 100

92 53.8 27.0 81.0

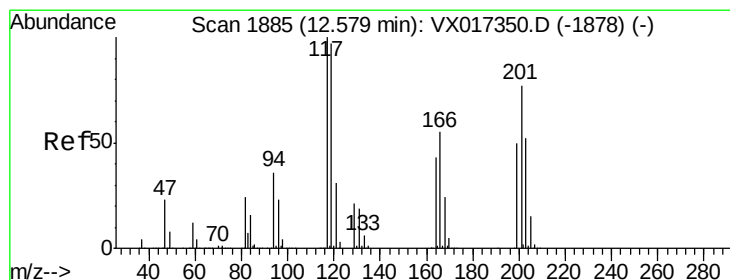
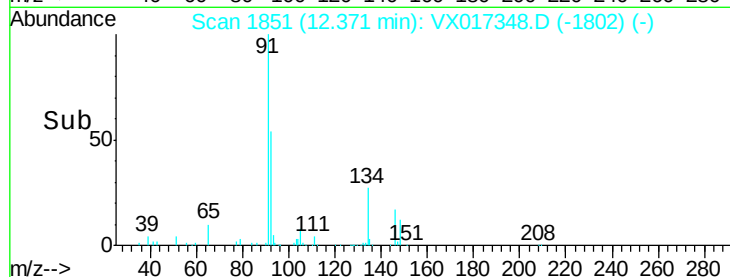
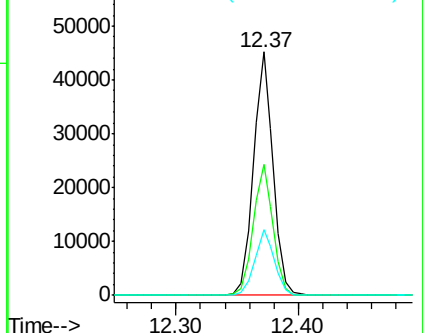
134 27.0 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1842) (-)

Ion 92.00 (91.70 to 92.70): VX017350.D (-1842) (-)

Ion 134.00 (133.70 to 134.70): VX017350.D (-1842) (-)



#90

Hexachloroethane

Concen: 4.622 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017348.D

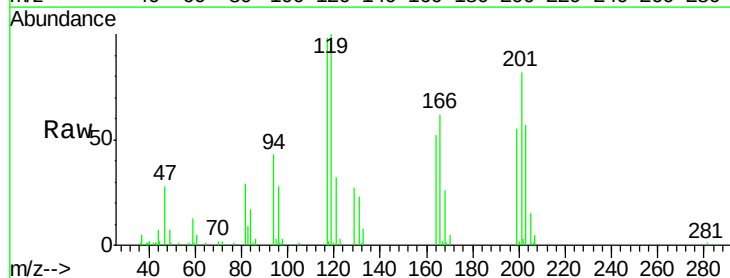
Acq: 13 Jul 2020 10:38

Tgt Ion: 117 Resp: 11944

Ion Ratio Lower Upper

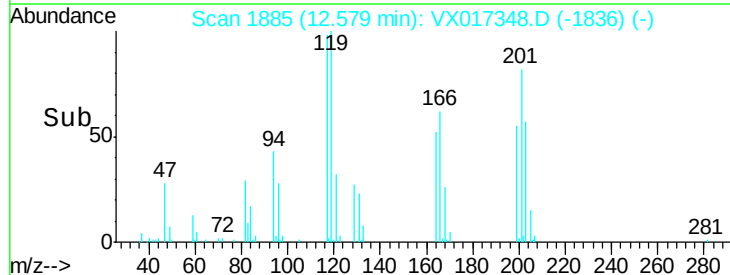
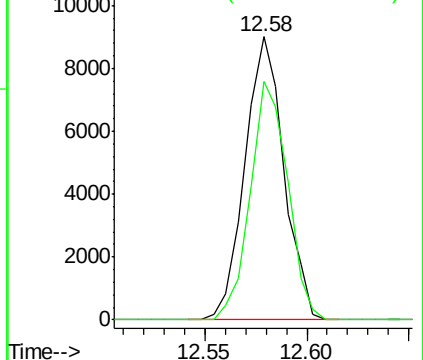
117 100

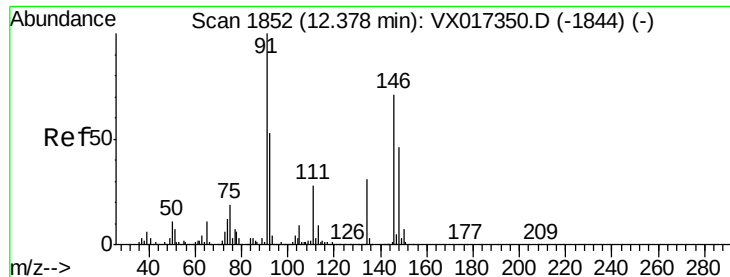
201 81.1 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VX017350.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX017350.D (-1878) (-)





#91

1,2-Dichlorobenzene

Concen: 5.001 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

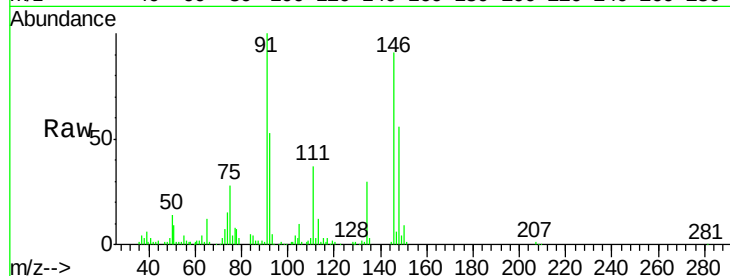
Tgt Ion:146 Resp: 34536

Ion Ratio Lower Upper

146 100

111 40.1 20.3 61.0

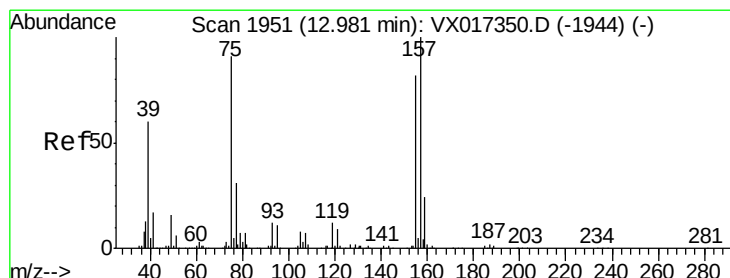
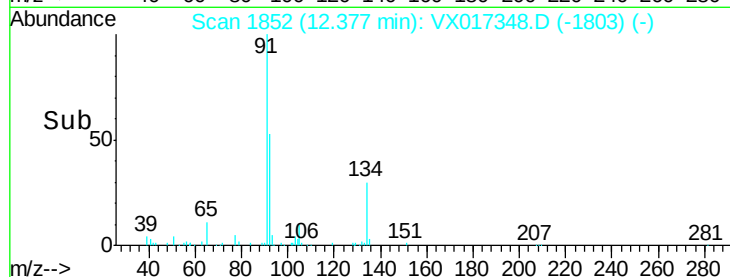
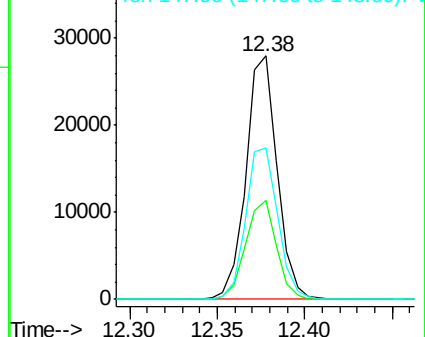
148 64.3 32.0 96.0



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: 4.829 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

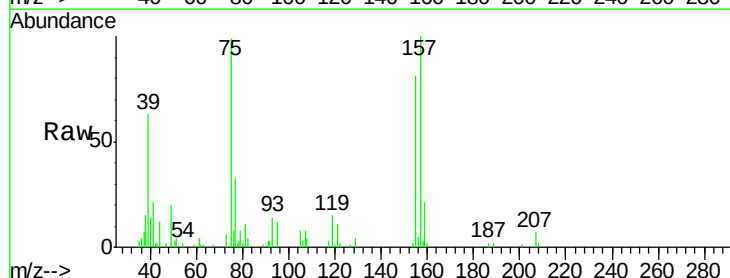
Tgt Ion: 75 Resp: 5377

Ion Ratio Lower Upper

75 100

155 90.2 46.5 139.3

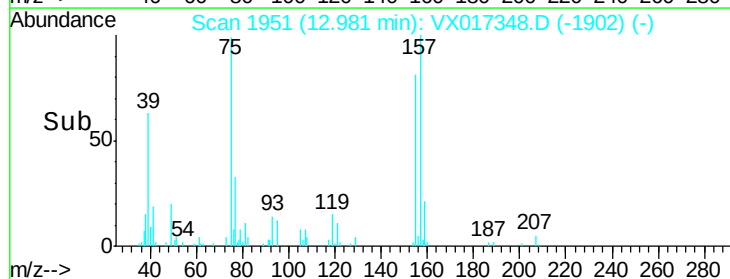
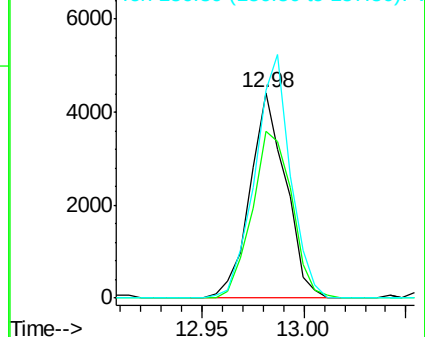
157 117.4 58.0 173.9

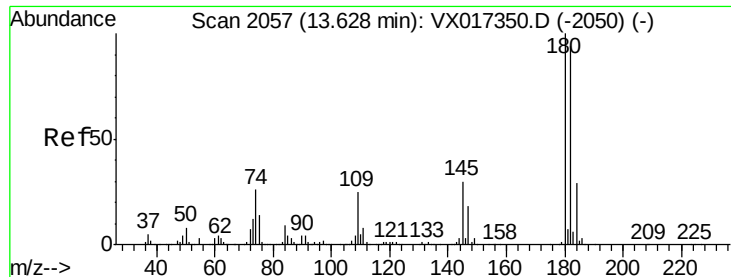


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

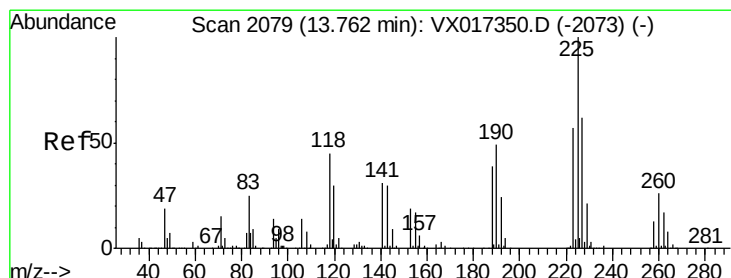
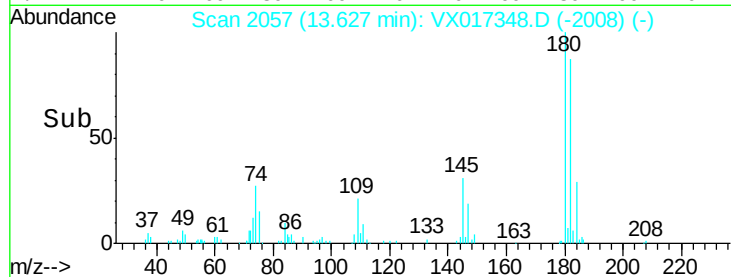
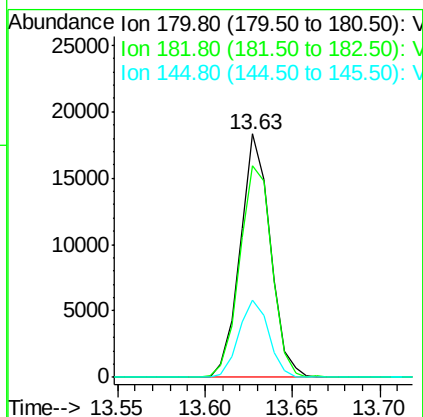
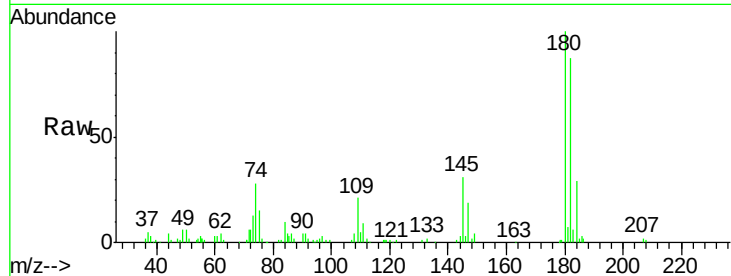




#93
 1,2,4-Trichlorobenzene
 Concen: 4.626 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

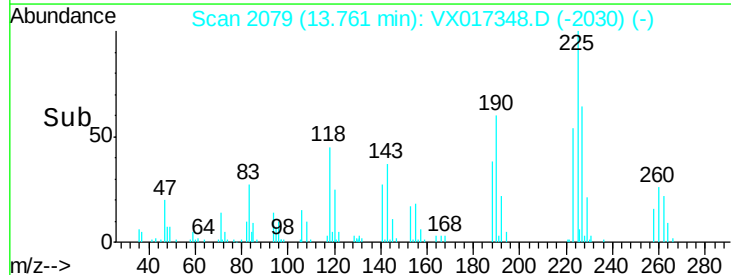
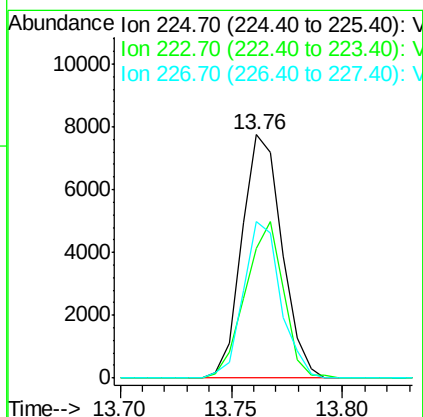
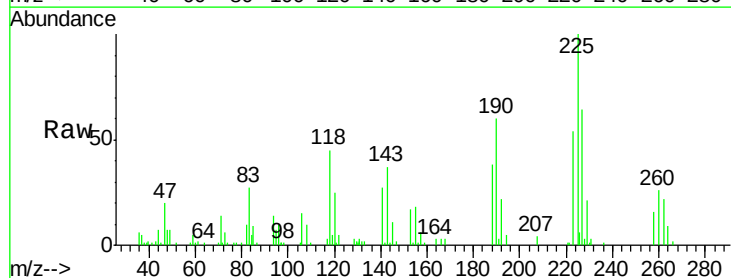
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

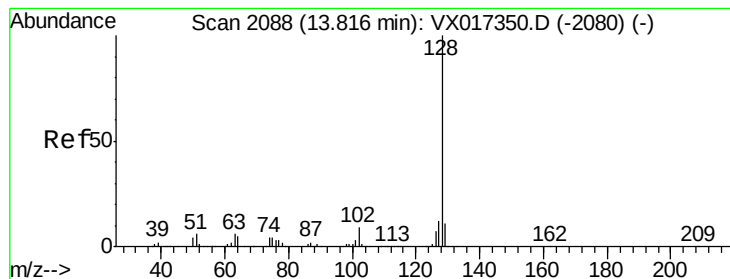
Tgt Ion:180 Resp: 21897
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.4 145.0
 145 31.7 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 5.039 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017348.D
 Acq: 13 Jul 2020 10:38

Tgt Ion:225 Resp: 9754
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.3 93.8
 227 59.8 31.6 95.0





#95

Naphthalene

Concen: 4.284 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

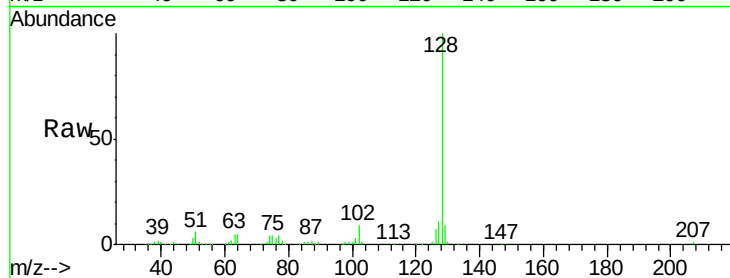
Tgt Ion:128 Resp: 60980

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

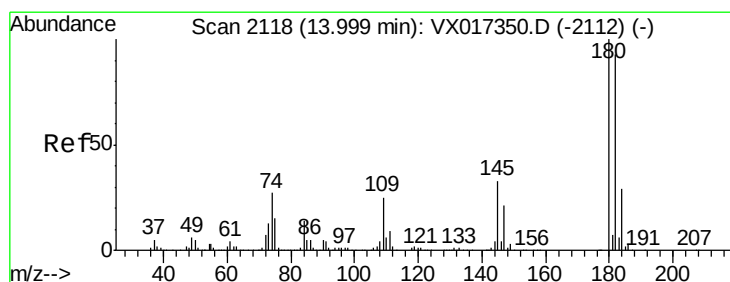
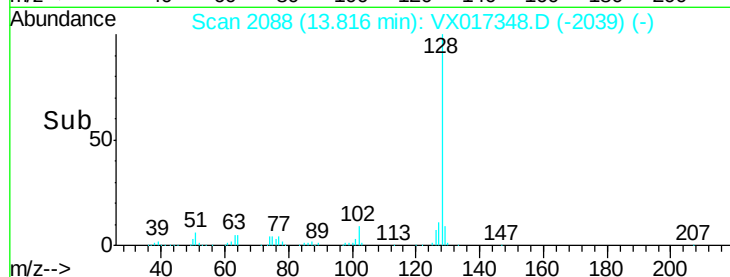
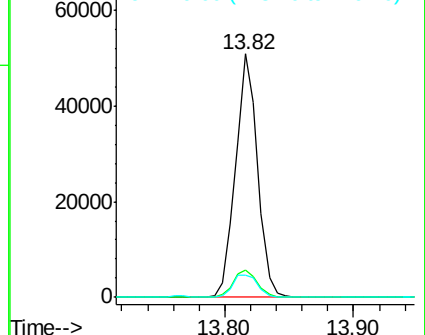
129 10.6 8.9 13.3



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: 4.717 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017348.D

Acq: 13 Jul 2020 10:38

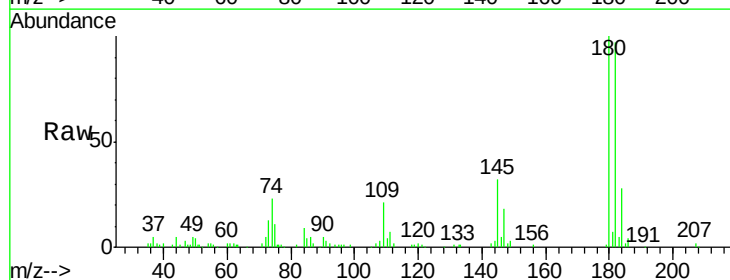
Tgt Ion:180 Resp: 21559

Ion Ratio Lower Upper

180 100

182 97.9 48.8 146.3

145 33.3 16.6 49.7



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

