

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX071318\
 Data File : VX003367.D
 Acq On : 13 Jul 2018 15:03
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 14 01:18:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241064	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	23721	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	
35) Dibromofluoromethane	5.50	113	19918	6.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.26%	
50) Toluene-d8	8.72	98	76355	5.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.08%	
62) 4-Bromofluorobenzene	11.14	95	27501	6.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	15395	5.141 ug/l	99
3) Chloromethane	1.32	50	19318	3.975 ug/l	99
4) Vinyl Chloride	1.40	62	21891	5.473 ug/l	95
5) Bromomethane	1.64	94	14390	6.359 ug/l	99
6) Chloroethane	1.72	64	14148	2.471 ug/l	99
7) Trichlorofluoromethane	1.92	101	31350	5.440 ug/l	96
8) Diethyl Ether	2.19	74	13458	5.274 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	19840	5.357 ug/l	99
10) Methyl Iodide	2.51	142	17482	4.648 ug/l	94
11) Tert butyl alcohol	3.08	59	23137	25.756 ug/l	96
12) 1,1-Dichloroethene	2.37	96	18356	5.337 ug/l	89
13) Acrolein	2.29	56	13869	27.222 ug/l	100
14) Allyl chloride	2.73	41	34147	5.176 ug/l	90
15) Acrylonitrile	3.15	53	57522	25.648 ug/l	99
16) Acetone	2.45	43	44678	25.692 ug/l #	88
17) Carbon Disulfide	2.57	76	46330	5.486 ug/l	99
18) Methyl Acetate	2.78	43	25999	4.815 ug/l	96
19) Methyl tert-butyl Ether	3.21	73	64618	5.254 ug/l	99
20) Methylene Chloride	2.86	84	21973	4.743 ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	20185	5.500 ug/l	96
22) Diisopropyl ether	3.87	45	64054	5.216 ug/l	98
23) Vinyl Acetate	3.82	43	266658	26.575 ug/l	97
24) 1,1-Dichloroethane	3.70	63	38439	5.521 ug/l	98
25) 2-Butanone	4.71	43	70972	26.331 ug/l	93
26) 2,2-Dichloropropane	4.59	77	27508	5.582 ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	22486	5.574 ug/l	46
28) Bromochloromethane	5.02	49	17408	5.488 ug/l	93
29) Tetrahydrofuran	5.17	42	45200	26.251 ug/l	92
30) Chloroform	5.21	83	36196	5.424 ug/l	96
31) Cyclohexane	5.57	56	30233	5.674 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	29076	5.230 ug/l	98
36) 1,1-Dichloropropene	5.80	75	26167	5.584 ug/l	97
37) Ethyl Acetate	4.87	43	27184	5.293 ug/l #	92
38) Carbon Tetrachloride	5.78	117	25319	5.300 ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
 Data File : VX003367.D
 Acq On : 13 Jul 2018 15:03
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 14 01:18:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29802	5.618	ug/l	95
40) Benzene	6.15	78	81320	5.540	ug/l	98
41) Methacrylonitrile	5.07	41	15998	5.438	ug/l	94
42) 1,2-Dichloroethane	6.20	62	27963	5.454	ug/l	96
43) Isopropyl Acetate	6.47	43	42407	5.269	ug/l	94
44) Trichloroethene	7.22	130	23645	5.685	ug/l	95
45) 1,2-Dichloropropane	7.52	63	21346	5.482	ug/l	97
46) Dibromomethane	7.67	93	13629	5.444	ug/l	98
47) Bromodichloromethane	7.90	83	24171	5.121	ug/l	96
48) Methyl methacrylate	7.78	41	20774	5.057	ug/l #	86
49) 1,4-Dioxane	7.76	88	9665	107.825	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	138310	26.291	ug/l	94
52) Toluene	8.79	92	51902	5.580	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	28867	5.207	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	25630	5.061	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	21248	5.473	ug/l	95
56) Ethyl methacrylate	9.18	69	28762	5.187	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	34825	5.535	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	68899	25.569	ug/l	97
59) 2-Hexanone	9.50	43	101524	26.165	ug/l	91
60) Dibromochloromethane	9.59	129	18999	5.042	ug/l	99
61) 1,2-Dibromoethane	9.68	107	21190	5.413	ug/l	99
64) Tetrachloroethene	9.34	164	25762	5.700	ug/l	94
65) Chlorobenzene	10.14	112	59948	5.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	20041	5.289	ug/l	99
67) Ethyl Benzene	10.26	91	96267	5.520	ug/l	99
68) m/p-Xylenes	10.36	106	73315	10.913	ug/l	99
69) o-Xylene	10.70	106	35964	5.481	ug/l	98
70) Styrene	10.71	104	57576	5.221	ug/l	98
71) Bromoform	10.86	173	13810	4.760	ug/l #	99
73) Isopropylbenzene	11.02	105	96091	5.765	ug/l	100
74) N-amyl acetate	6.47	43	42407	5.489	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	31363	5.764	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	33242	6.980	ug/l	80
77) Bromobenzene	11.26	156	27659	5.872	ug/l	98
78) n-propylbenzene	11.36	91	105874	5.619	ug/l	99
79) 2-Chlorotoluene	11.42	91	67338	5.786	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	78208	5.662	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	6753	4.728	ug/l	92
82) 4-Chlorotoluene	11.51	91	77310	5.702	ug/l	98
83) tert-Butylbenzene	11.77	119	75470	5.518	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	79033	5.640	ug/l	97
85) sec-Butylbenzene	11.95	105	92256	5.644	ug/l	100
86) p-Isopropyltoluene	12.07	119	81813	5.594	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	50527	5.746	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	51138	5.728	ug/l	96
89) n-Butylbenzene	12.39	91	68482	5.473	ug/l	99
90) Hexachloroethane	12.60	117	10595	4.833	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	49787	5.657	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	5277	4.891	ug/l	94

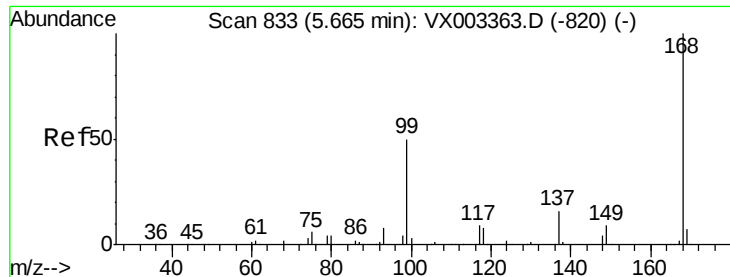
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003367.D
Acq On : 13 Jul 2018 15:03
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 14 01:18:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	33826	5.619	ug/l	99
94) Hexachlorobutadiene	13.79	225	16514	5.813	ug/l	99
95) Naphthalene	13.83	128	91570	5.427	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	34196	5.628	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

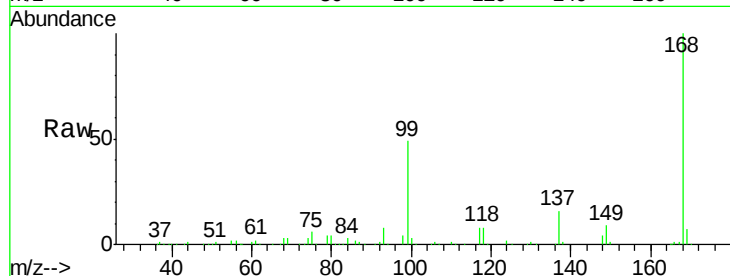
VSTDIC005

Tgt Ion:168 Resp: 309786

Ion Ratio Lower Upper

168 100

99 48.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

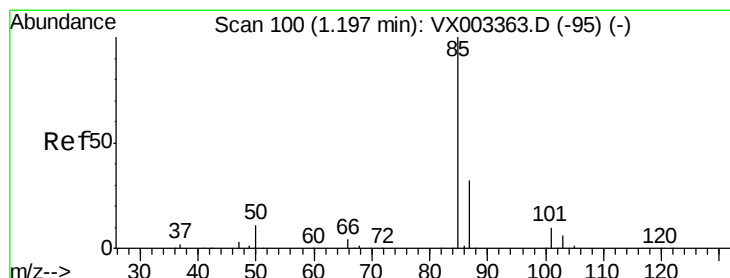
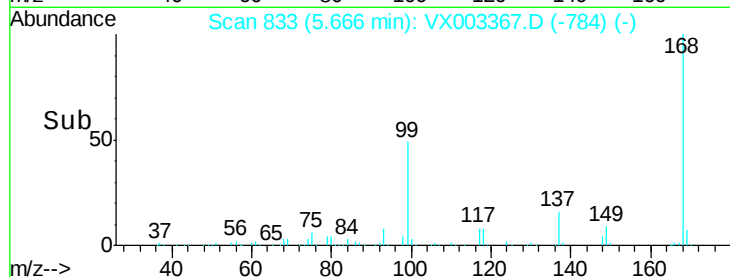
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 5.141 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003367.D

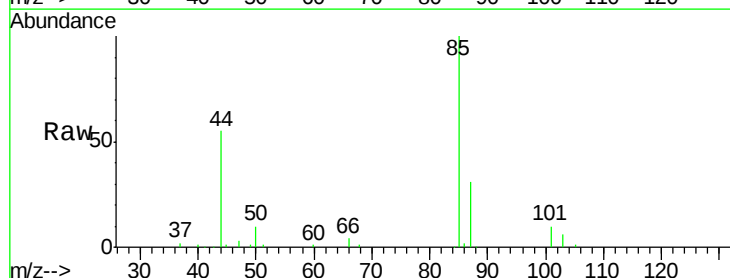
Acq: 13 Jul 2018 15:03

Tgt Ion: 85 Resp: 15395

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

15000

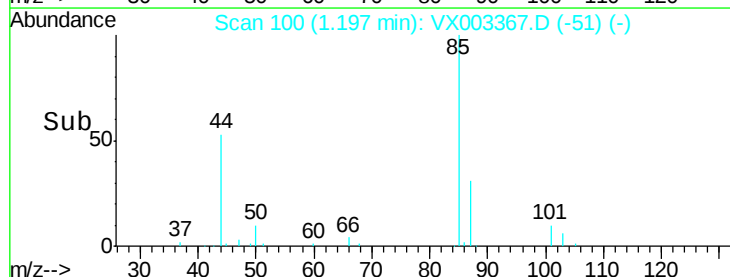
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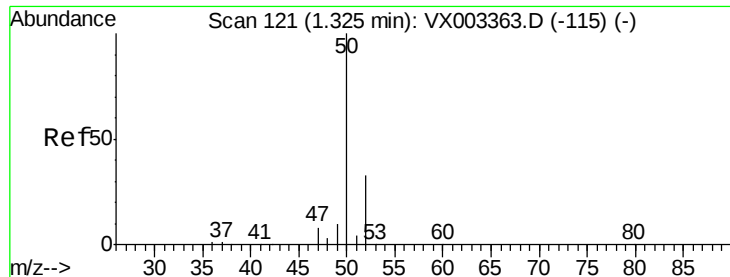
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0

Time-->

1.15 1.20 1.25

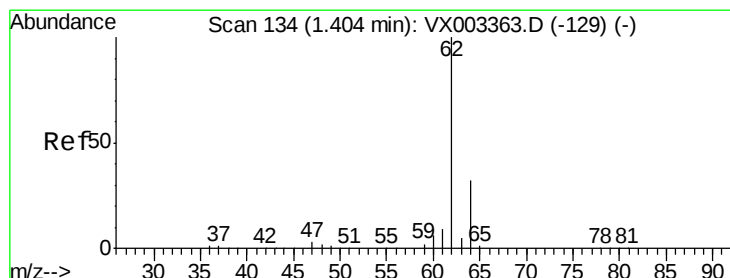
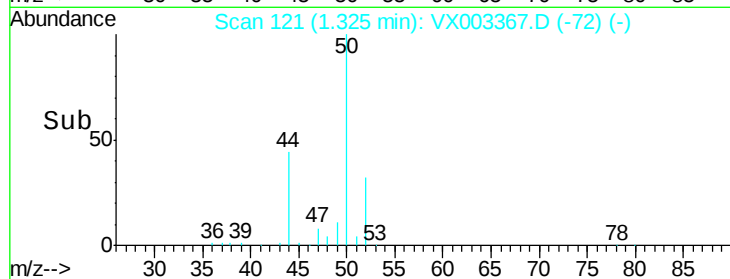
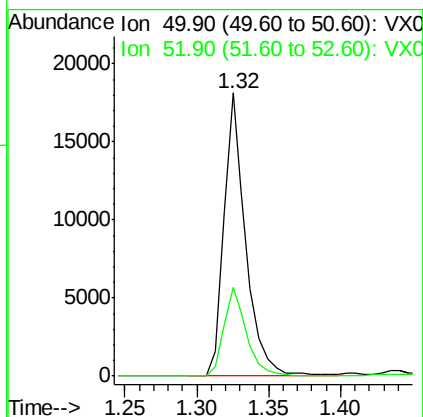
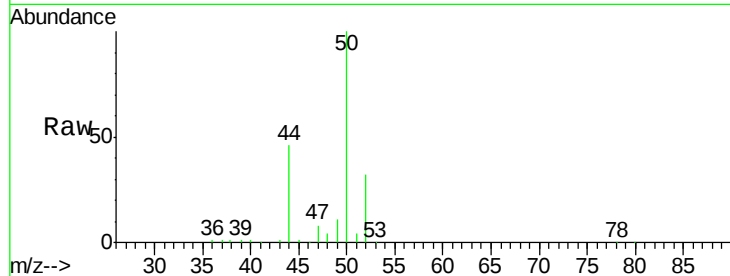




#3
Chloromethane
Concen: 3.975 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

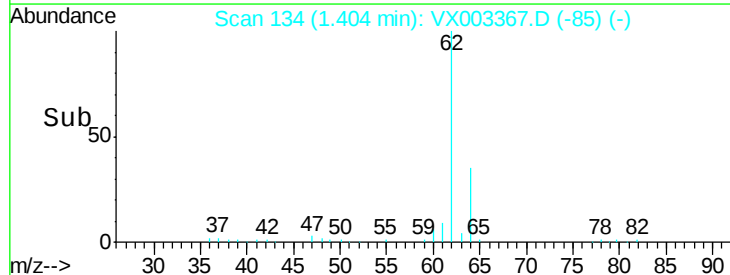
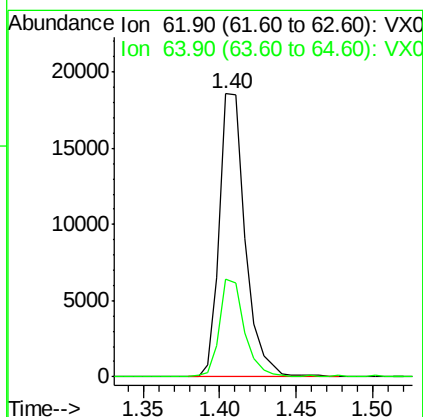
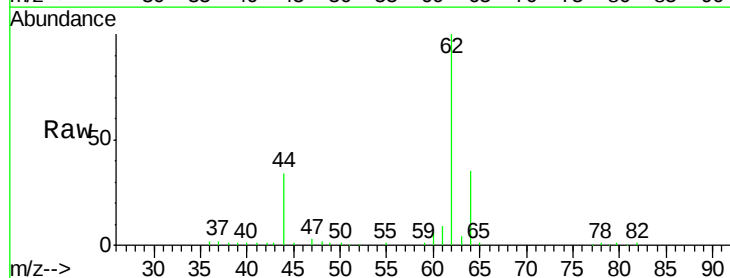
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

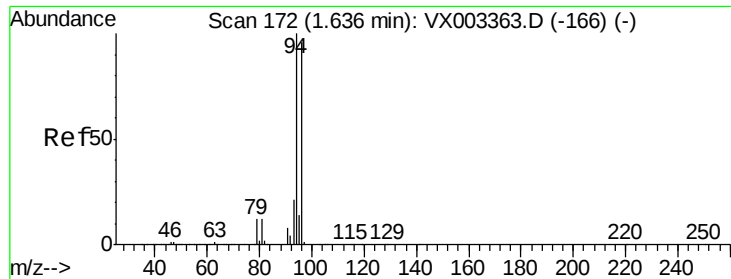
Tgt Ion: 50 Resp: 19318
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5



#4
Vinyl Chloride
Concen: 5.473 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 62 Resp: 21891
Ion Ratio Lower Upper
62 100
64 34.6 25.4 38.2





#5

Bromomethane

Concen: 6.359 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

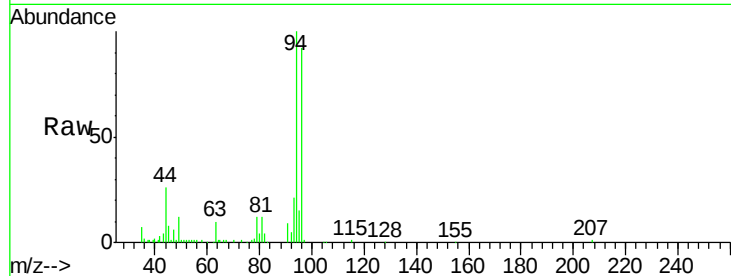
VSTDIC005

Tgt Ion: 94 Resp: 14390

Ion Ratio Lower Upper

94 100

96 92.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

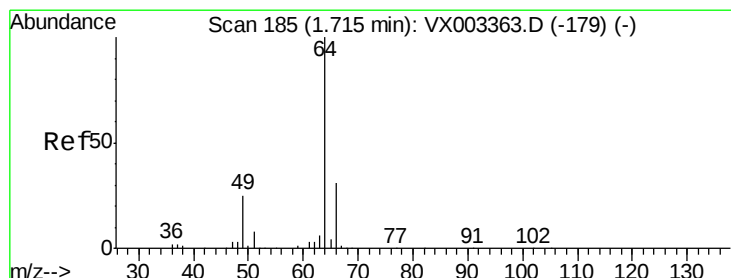
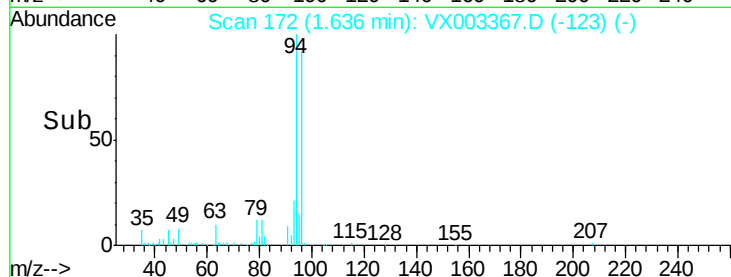
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 2.471 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003367.D

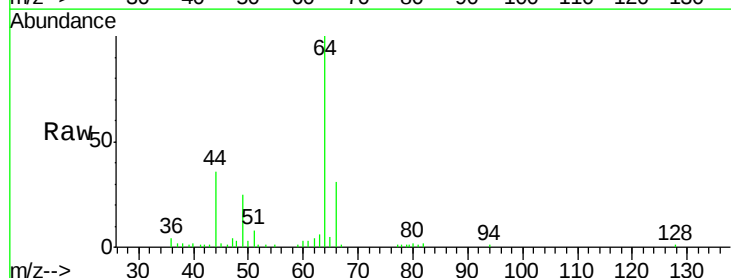
Acq: 13 Jul 2018 15:03

Tgt Ion: 64 Resp: 14148

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

12000

10000

8000

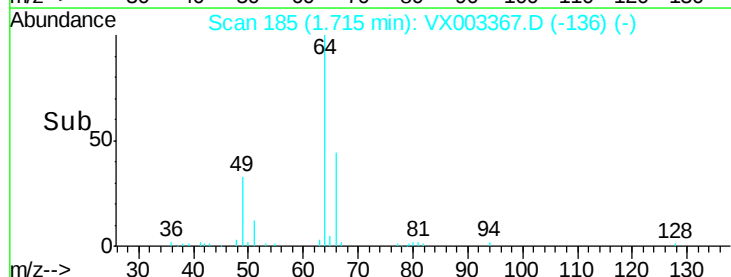
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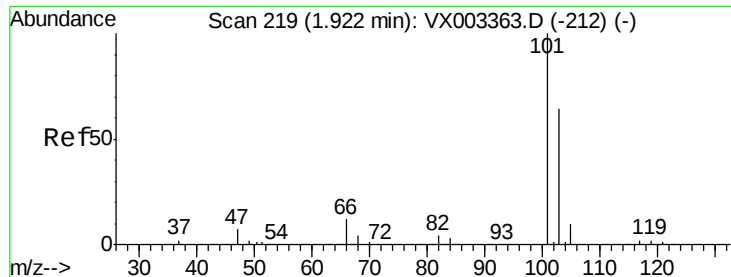
4000

2000

0

Time-->



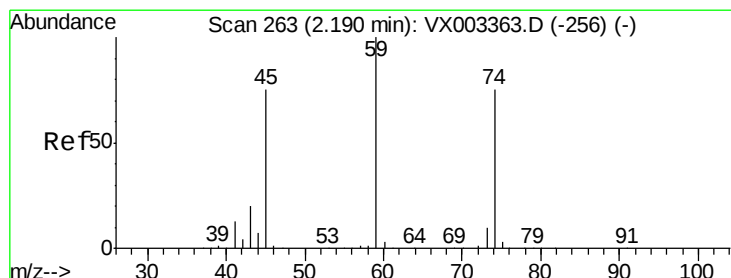
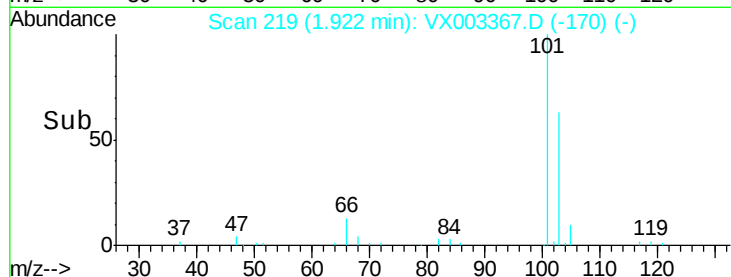
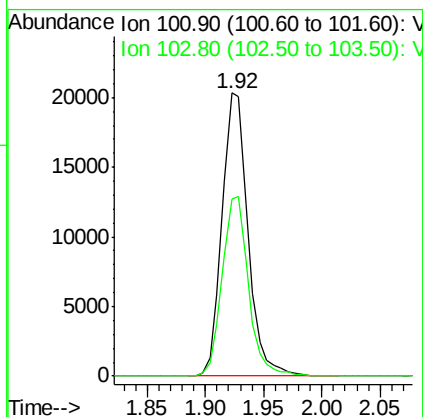
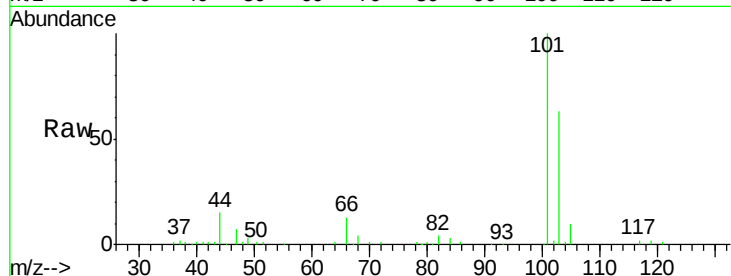


#7

Trichlorofluoromethane
 Concen: 5.440 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

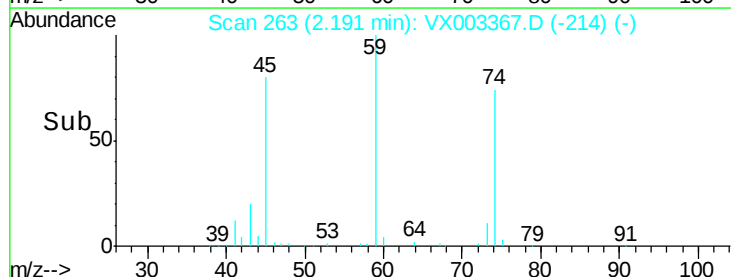
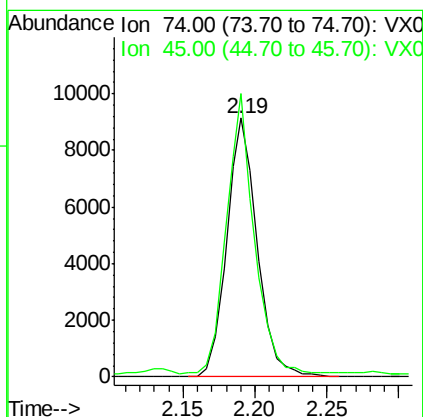
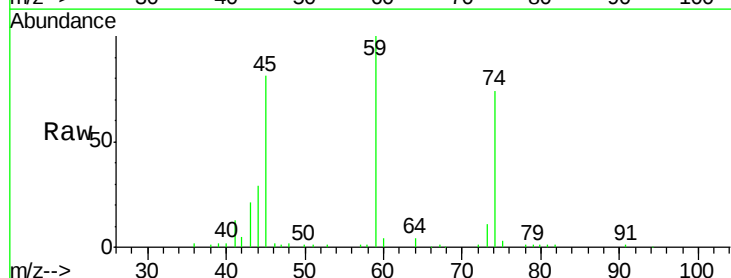
Tgt Ion: 101 Resp: 31350
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.8 79.2

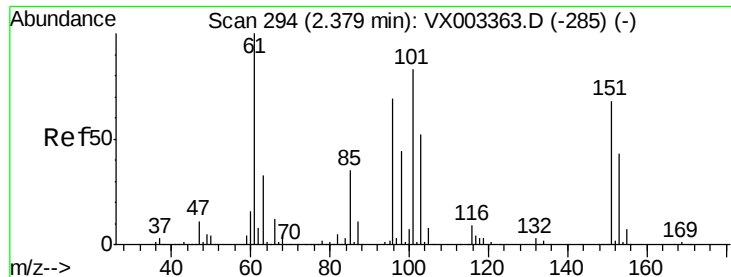


#8

Diethyl Ether
 Concen: 5.274 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion: 74 Resp: 13458
 Ion Ratio Lower Upper
 74 100
 45 99.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.357 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

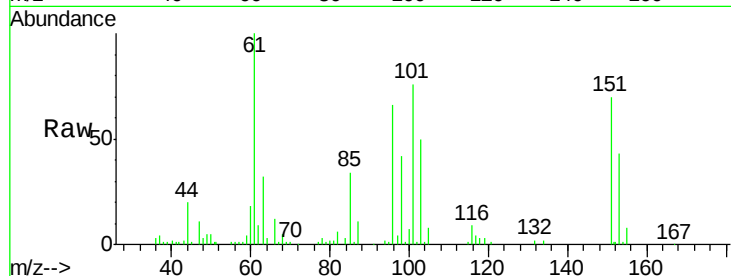
Tgt Ion:101 Resp: 19840

Ion Ratio Lower Upper

101 100

85 43.0 36.0 54.0

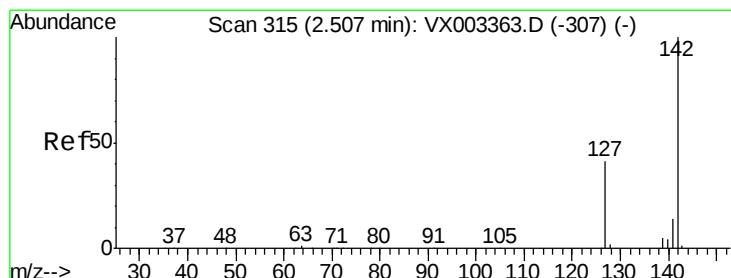
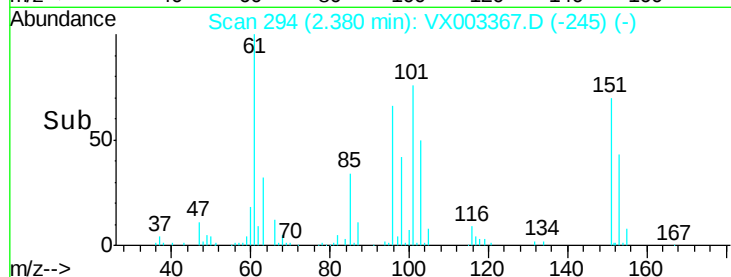
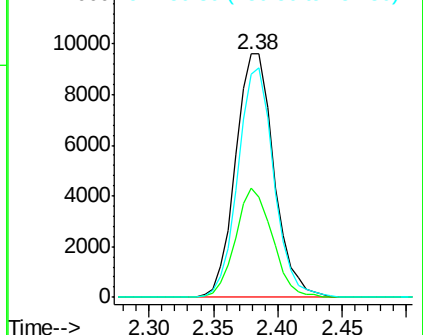
151 88.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.648 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

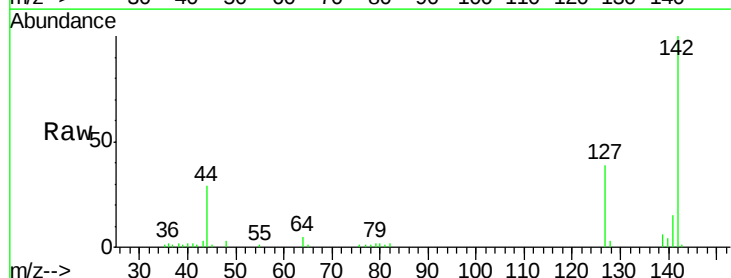
Tgt Ion:142 Resp: 17482

Ion Ratio Lower Upper

142 100

127 41.2 36.6 55.0

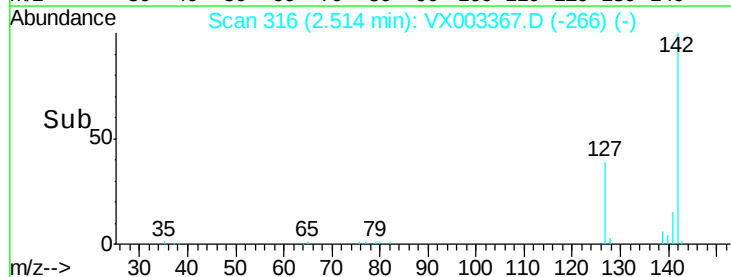
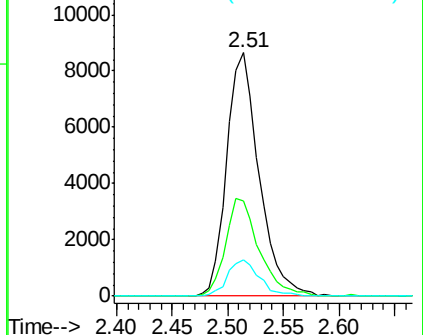
141 14.8 11.3 16.9

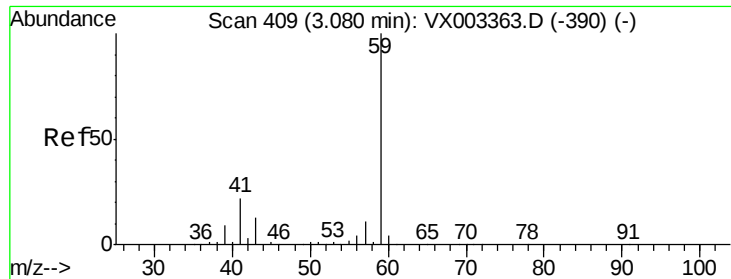


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

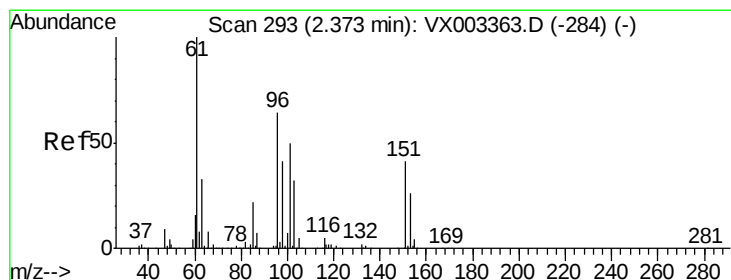
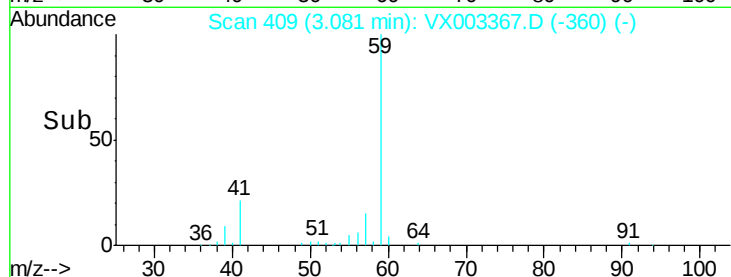
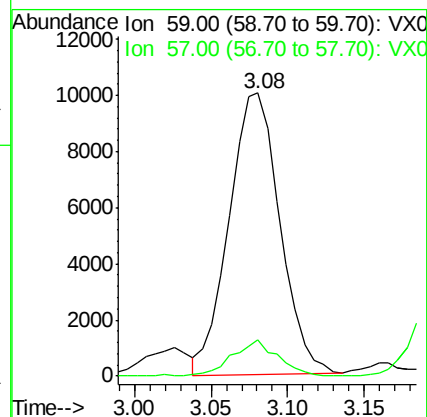
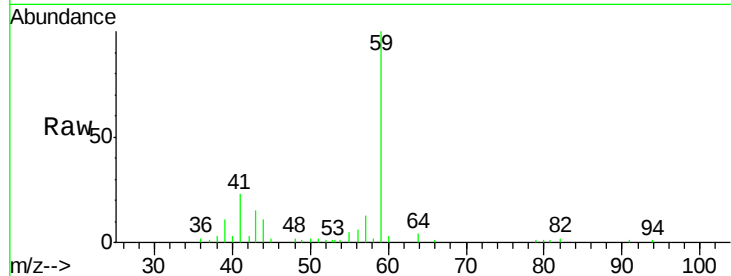




#11
Tert butyl alcohol
Concen: 25.756 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

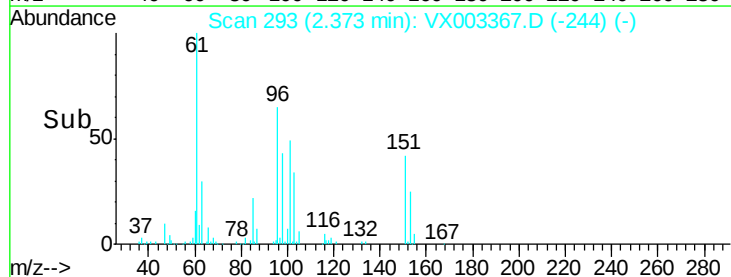
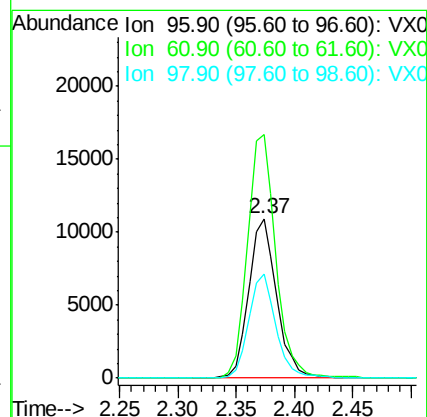
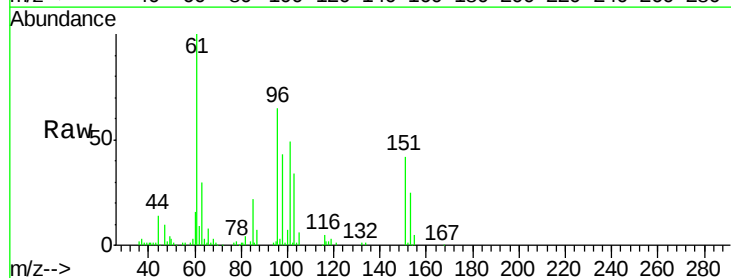
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

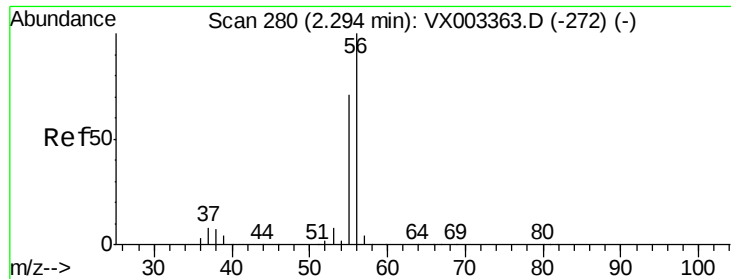
Tgt Ion: 59 Resp: 23137
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 5.337 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 96 Resp: 18356
Ion Ratio Lower Upper
96 100
61 152.7 137.9 206.9
98 65.4 51.6 77.4





#13

Acrolein

Concen: 27.222 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

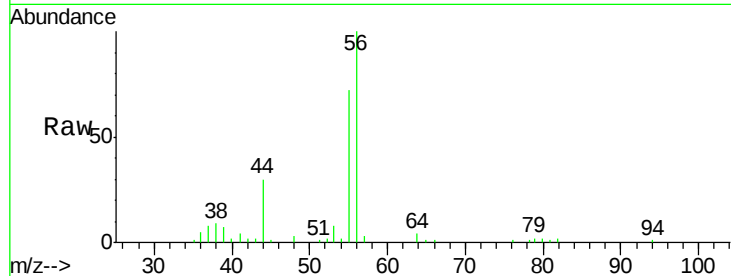
VSTDIC005

Tgt Ion: 56 Resp: 13869

Ion Ratio Lower Upper

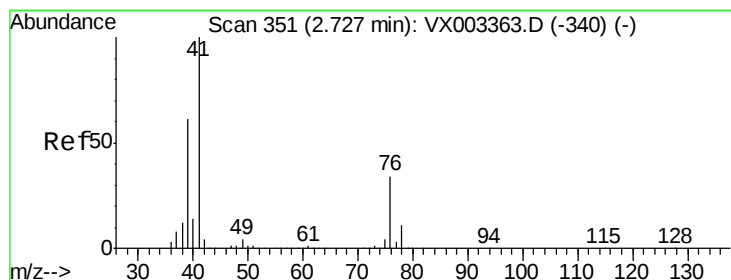
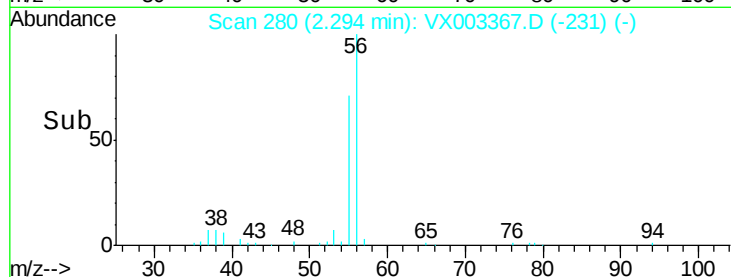
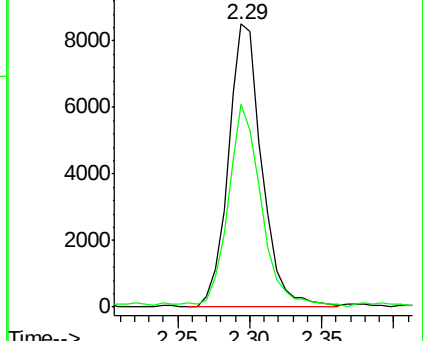
56 100

55 71.5 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.176 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

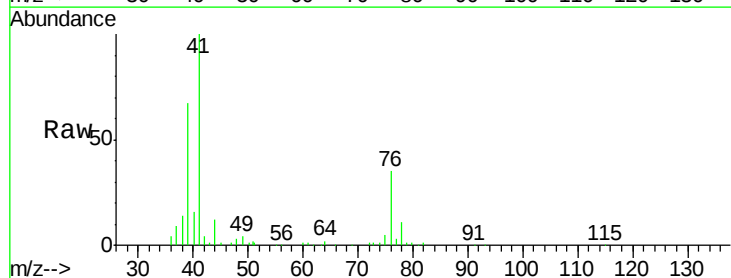
Tgt Ion: 41 Resp: 34147

Ion Ratio Lower Upper

41 100

39 61.4 56.8 85.2

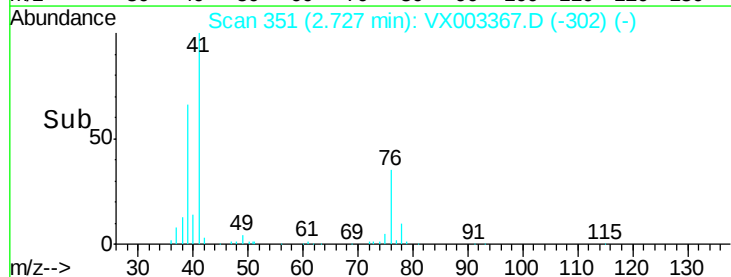
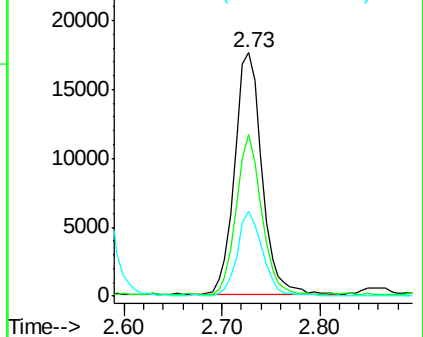
76 32.4 23.8 35.8

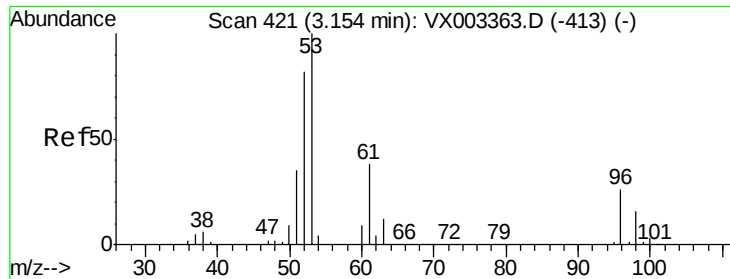


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

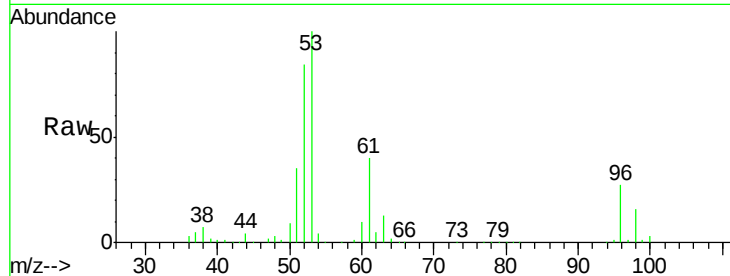




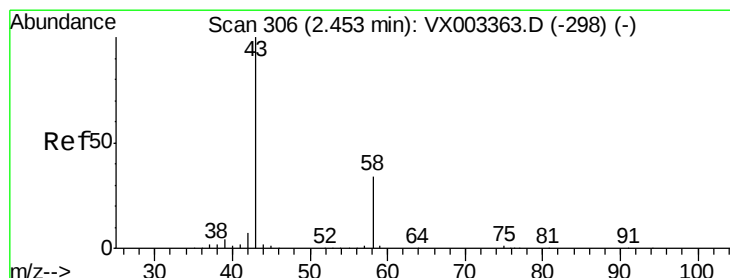
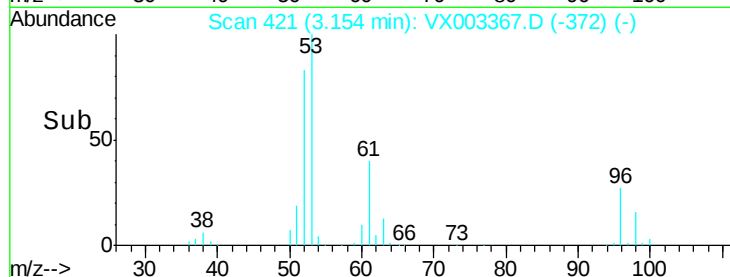
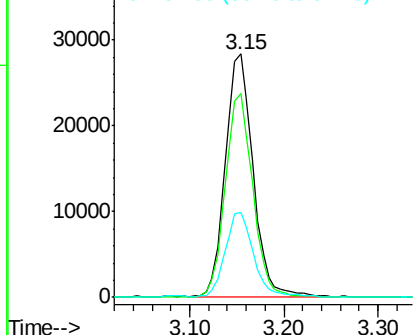
#15
 Acrylonitrile
 Concen: 25.648 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 53 Resp: 57522
 Ion Ratio Lower Upper
 53 100
 52 84.2 66.7 100.1
 51 36.0 29.9 44.9

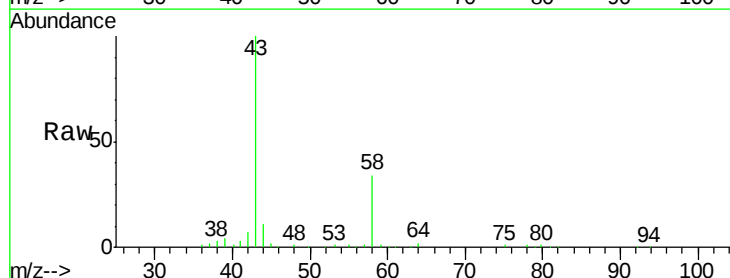


Abundance Ion 53.00 (52.70 to 53.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0
 Ion 51.00 (50.70 to 51.70): VX0

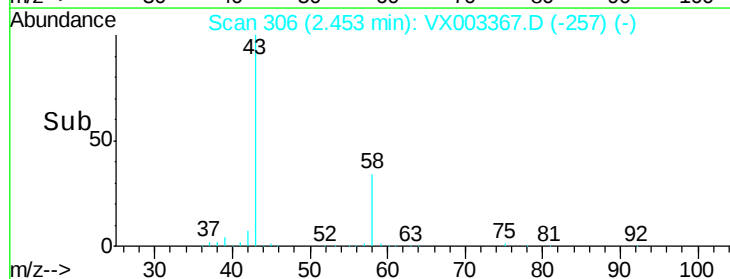
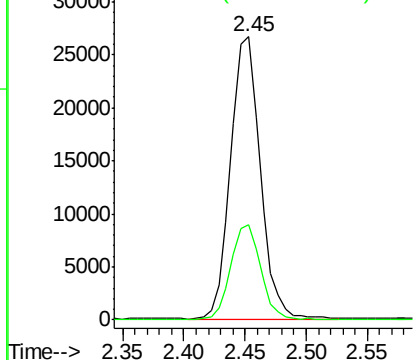


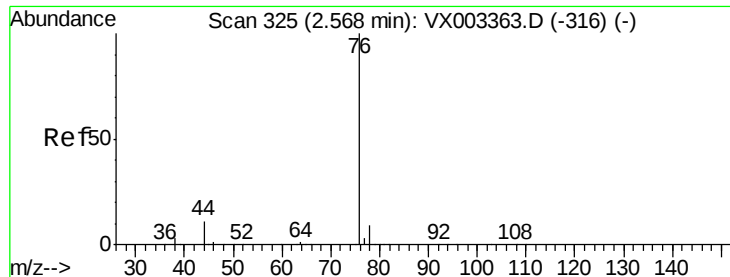
#16
 Acetone
 Concen: 25.692 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion: 43 Resp: 44678
 Ion Ratio Lower Upper
 43 100
 58 33.9 22.1 33.1#



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

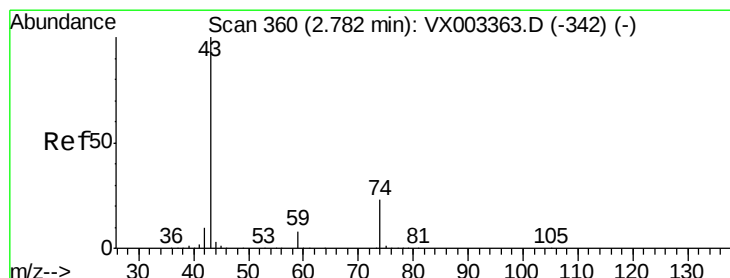
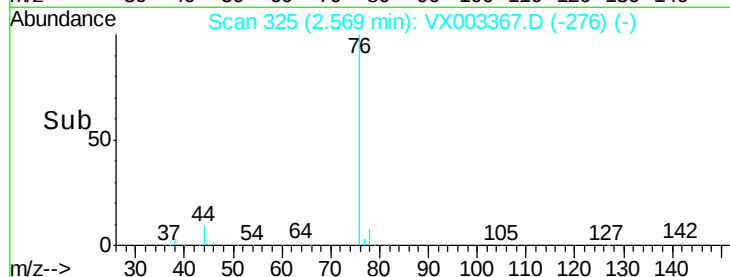
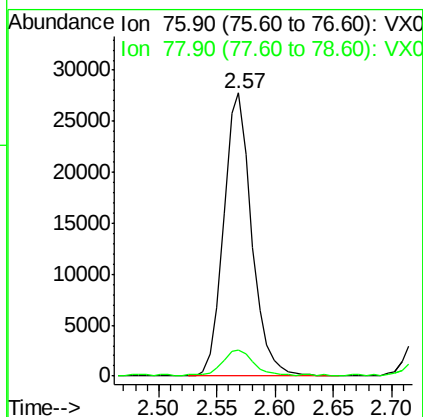
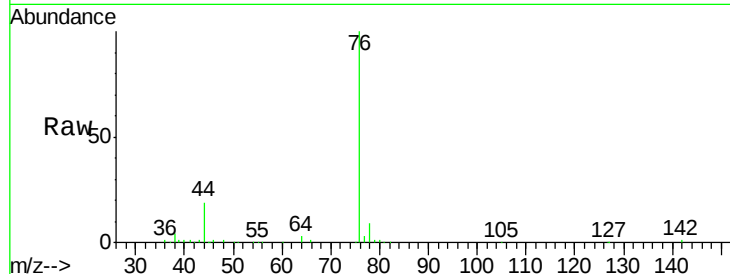




#17
Carbon Disulfide
Concen: 5.486 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

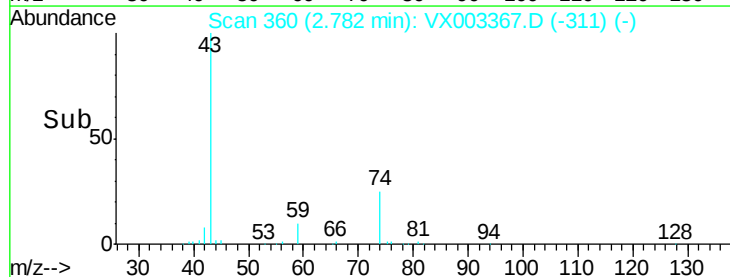
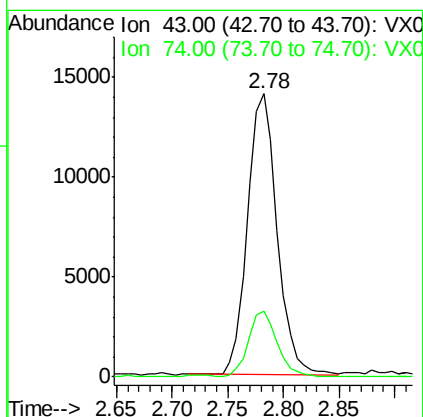
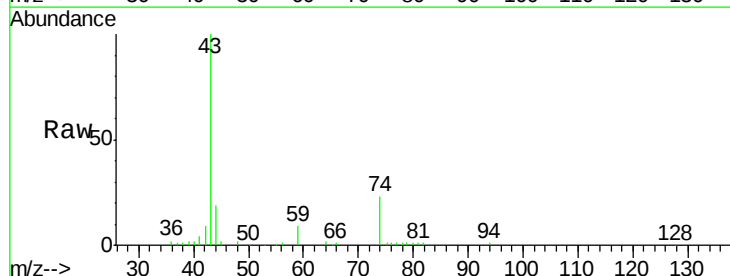
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

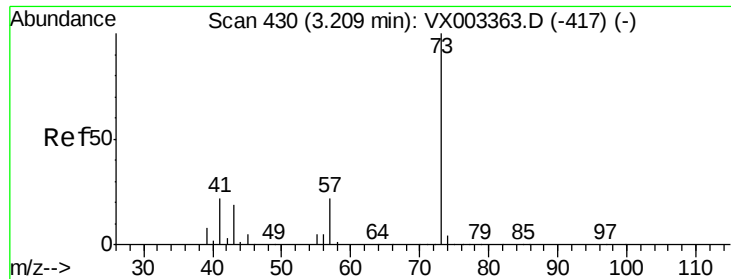
Tgt Ion: 76 Resp: 46330
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 4.815 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 43 Resp: 25999
Ion Ratio Lower Upper
43 100
74 22.8 16.7 25.1

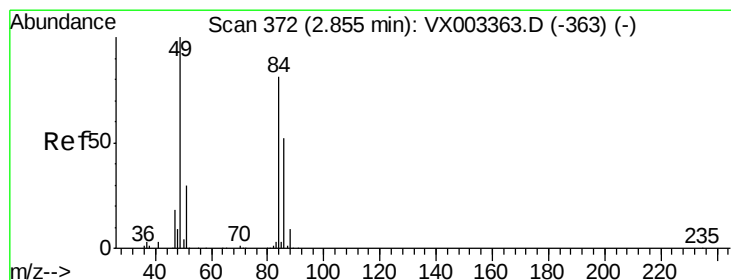
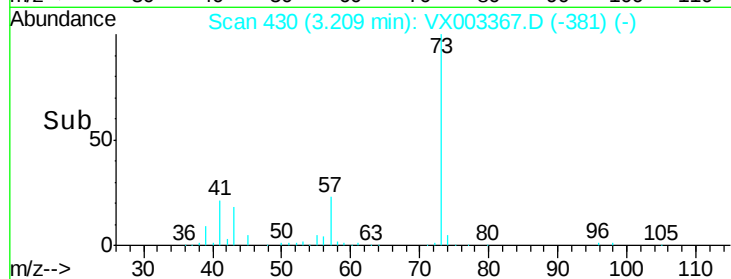
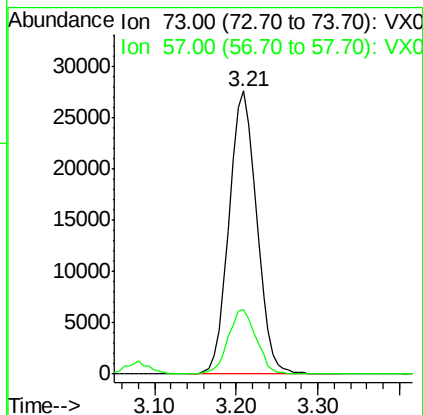
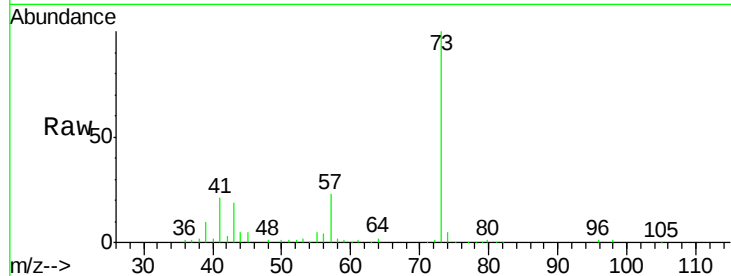




#19
Methyl tert-butyl Ether
Concen: 5.254 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

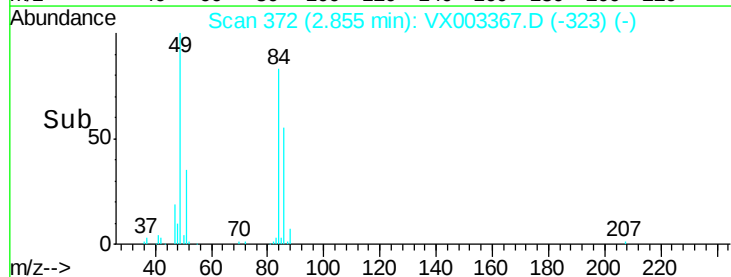
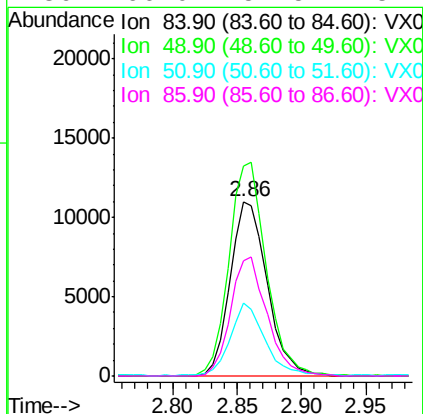
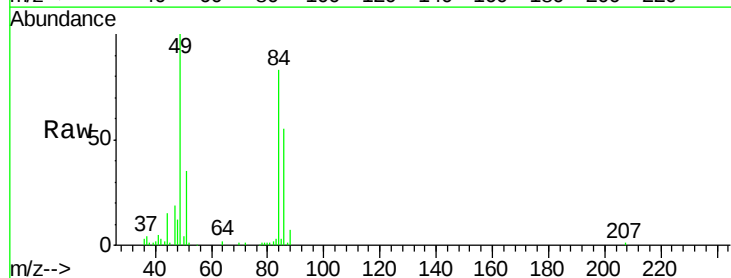
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

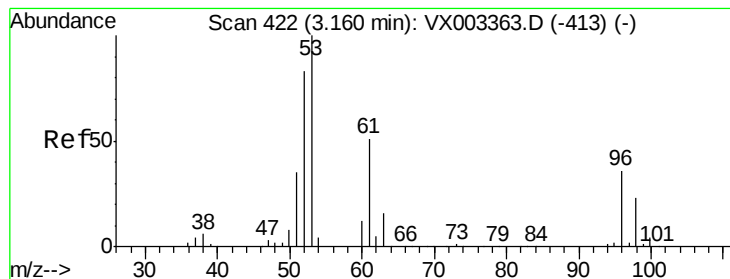
Tgt Ion: 73 Resp: 64618
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 4.743 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 84 Resp: 21973
Ion Ratio Lower Upper
84 100
49 120.8 107.8 161.6
51 41.8 32.8 49.2
86 66.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 5.500 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

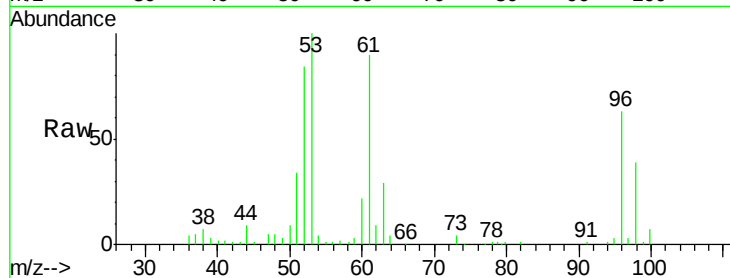
Tgt Ion: 96 Resp: 20185

Ion Ratio Lower Upper

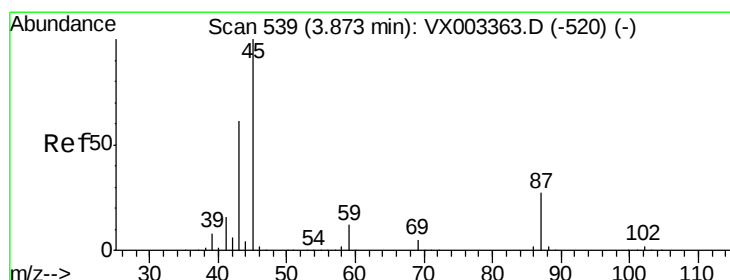
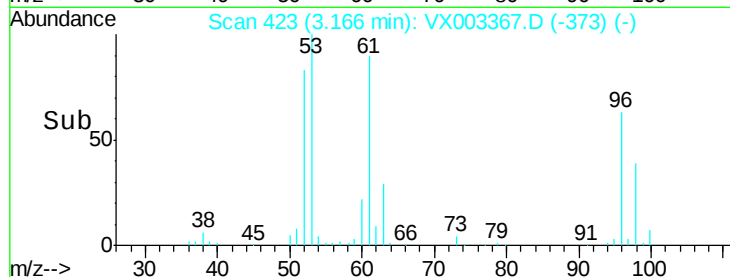
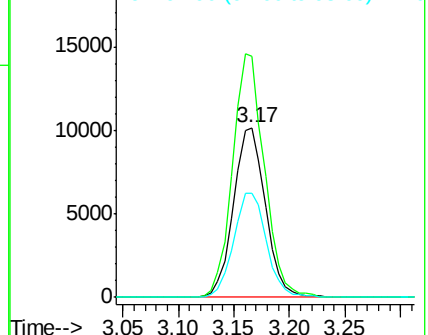
96 100

61 141.8 117.0 175.4

98 61.6 52.4 78.6



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



#22

Diisopropyl ether

Concen: 5.216 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Tgt Ion: 45 Resp: 64054

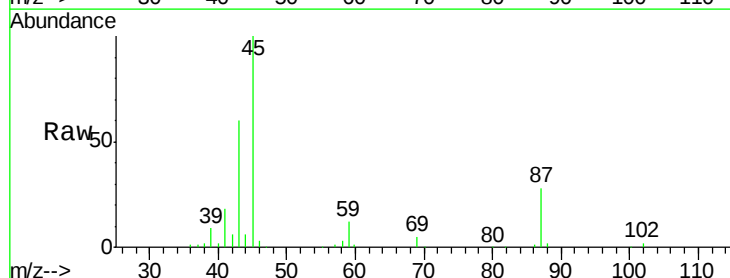
Ion Ratio Lower Upper

45 100

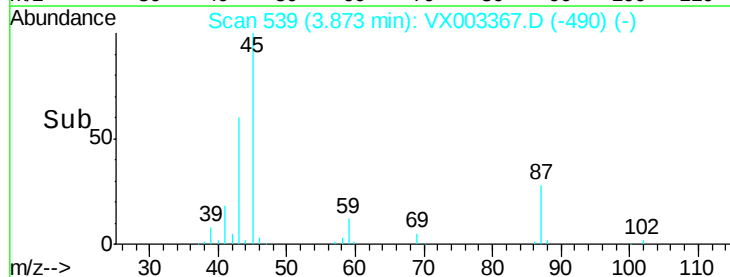
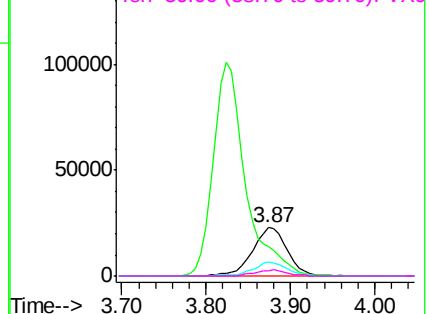
43 59.1 46.8 70.2

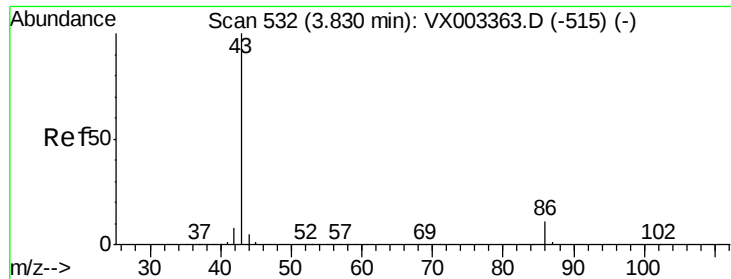
87 28.2 20.2 30.4

59 12.0 8.7 13.1



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





#23

Vinyl Acetate

Concen: 26.575 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

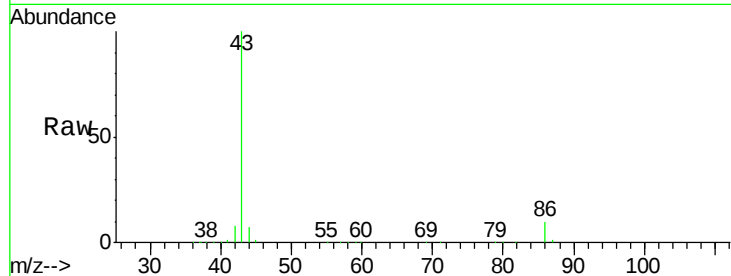
VSTDIC005

Tgt Ion: 43 Resp: 266658

Ion Ratio Lower Upper

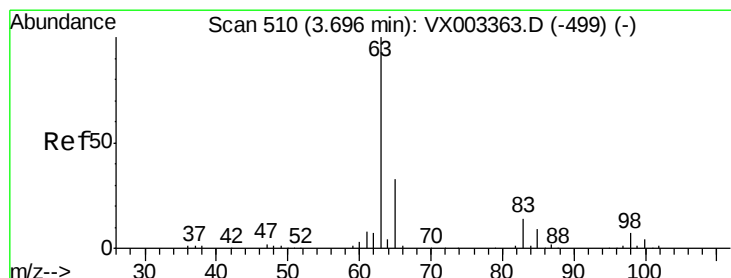
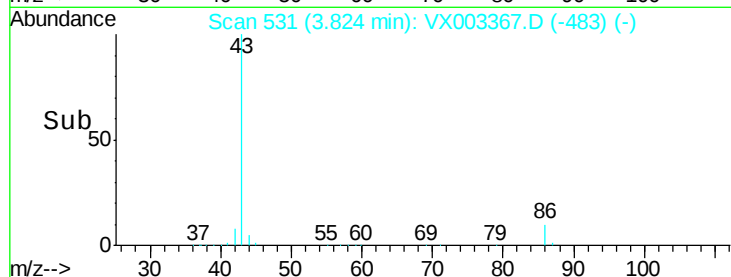
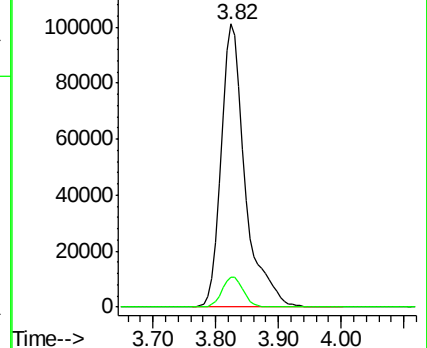
43 100

86 10.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.521 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

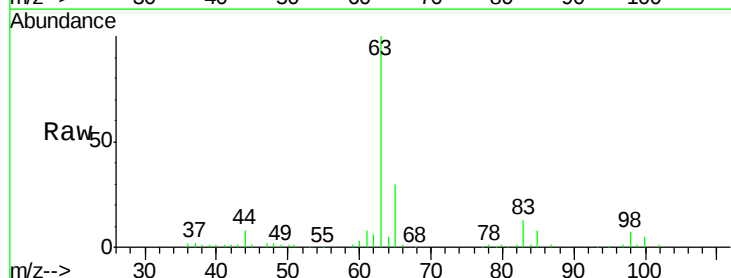
Tgt Ion: 63 Resp: 38439

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

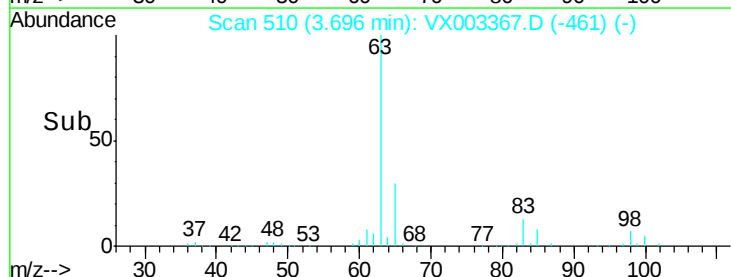
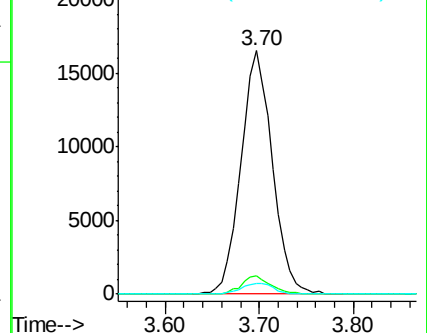
100 4.5 2.0 6.0

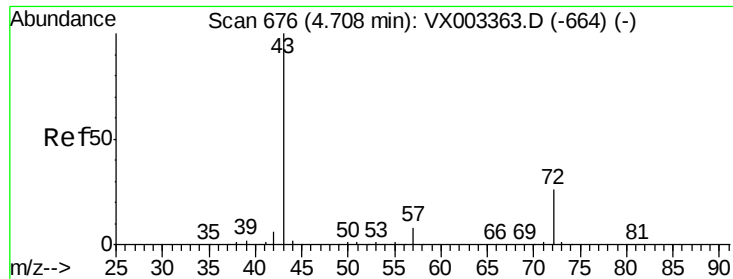


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.331 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

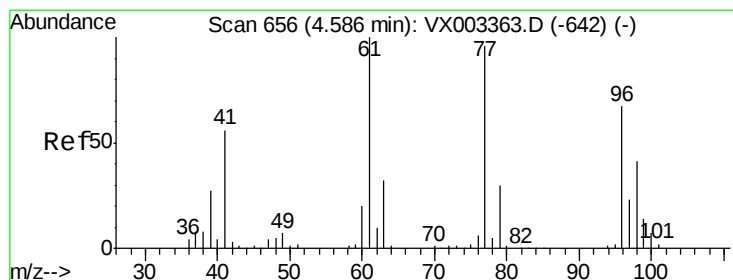
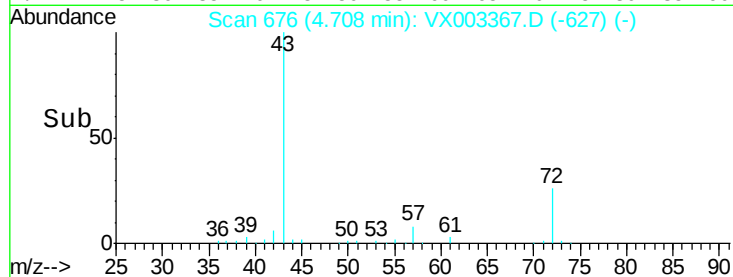
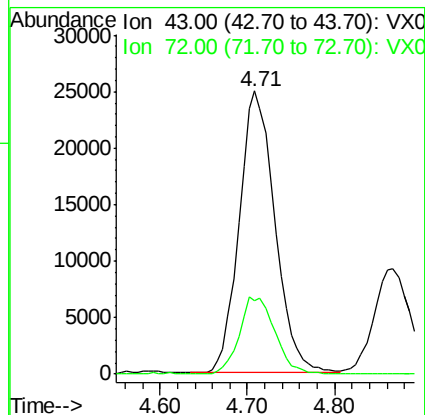
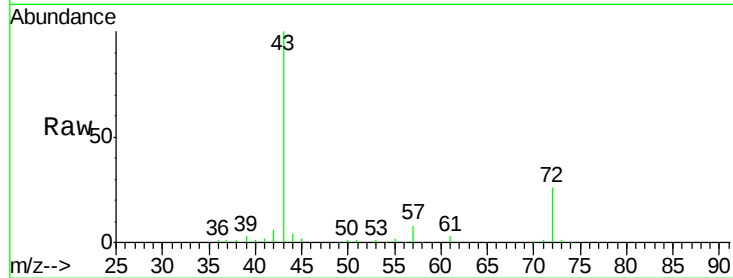
VSTDIC005

Tgt Ion: 43 Resp: 70972

Ion Ratio Lower Upper

43 100

72 26.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 5.582 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003367.D

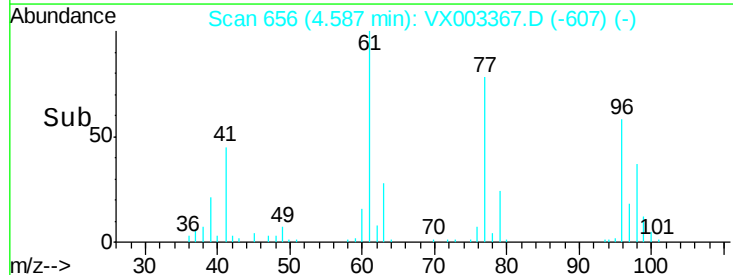
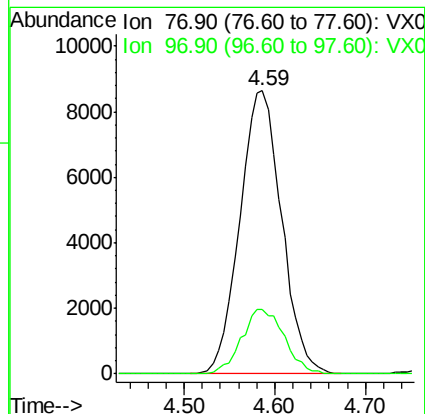
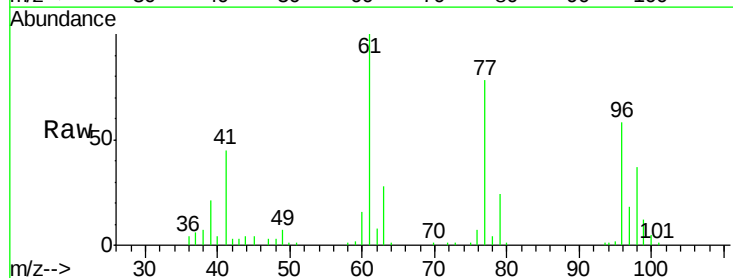
Acq: 13 Jul 2018 15:03

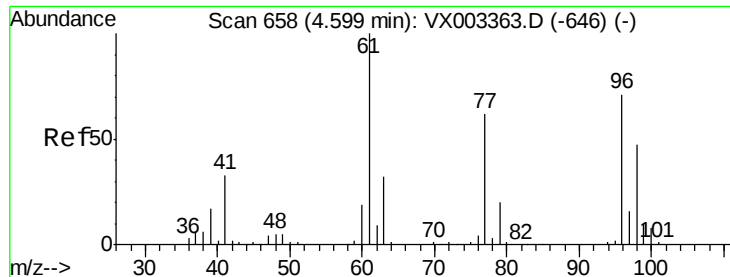
Tgt Ion: 77 Resp: 27508

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5



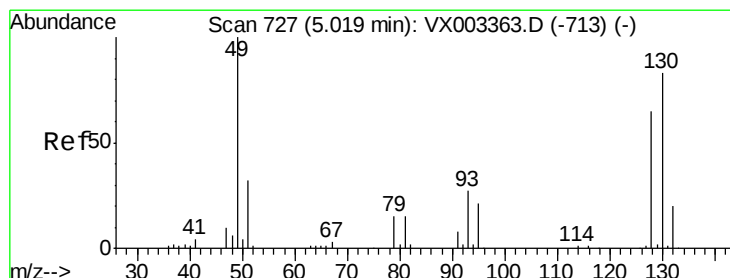
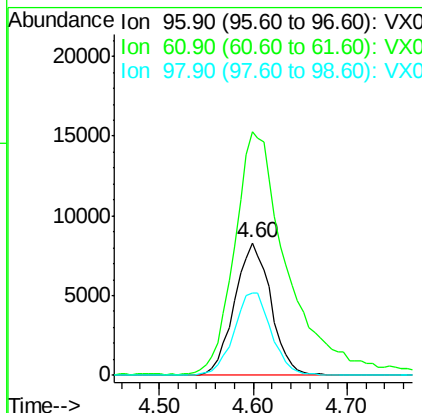
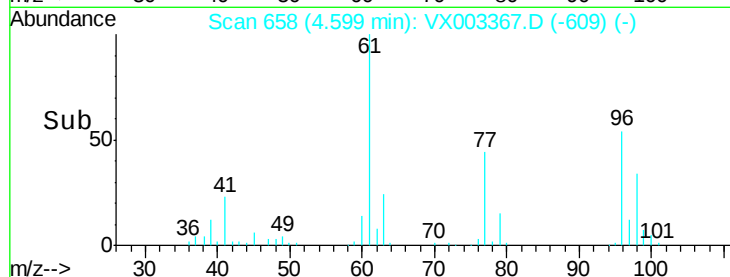
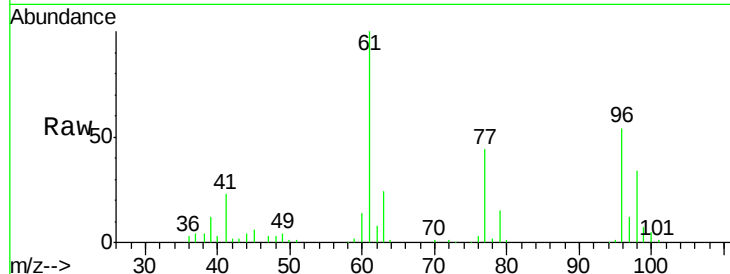


#27

cis-1,2-Dichloroethene
 Concen: 5.574 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

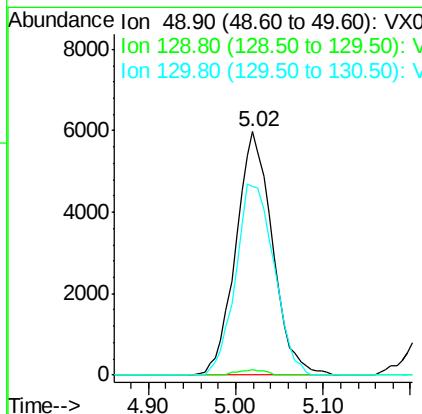
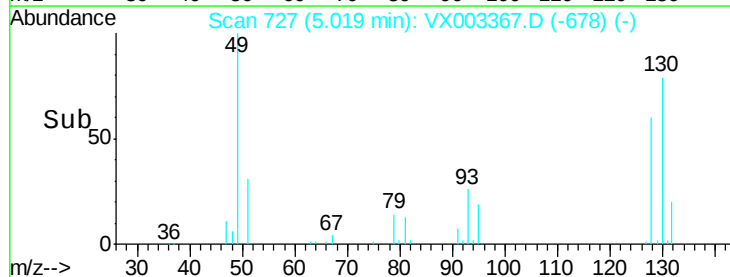
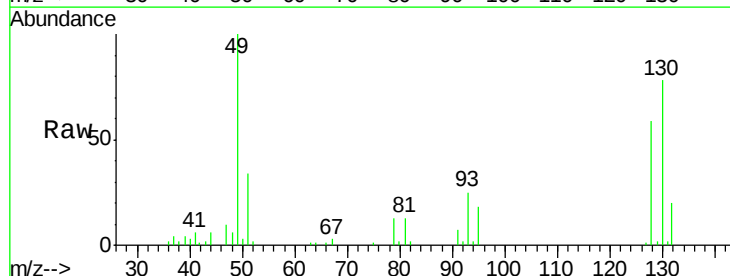
Tgt Ion: 96 Resp: 22486
 Ion Ratio Lower Upper
 96 100
 61 265.1 0.0 330.2
 98 63.5 0.0 130.2

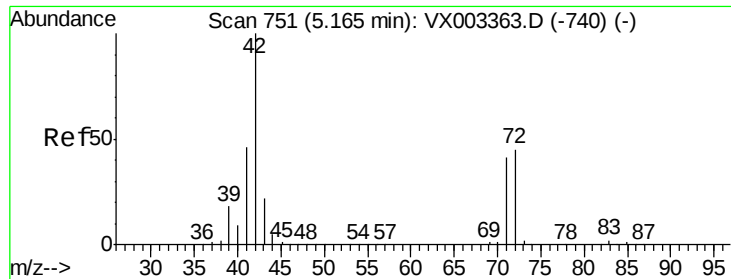


#28

Bromochloromethane
 Concen: 5.488 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion: 49 Resp: 17408
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.2
 130 82.3 61.2 91.8

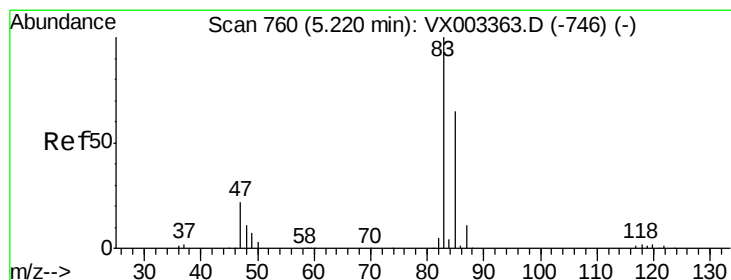
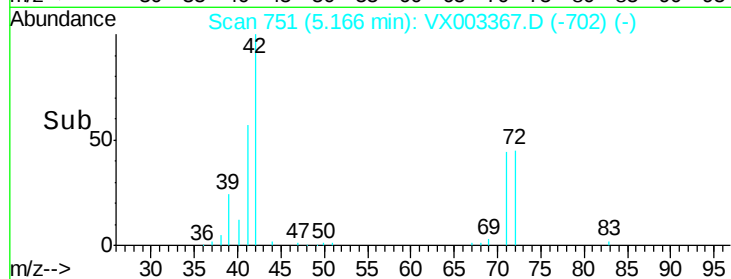
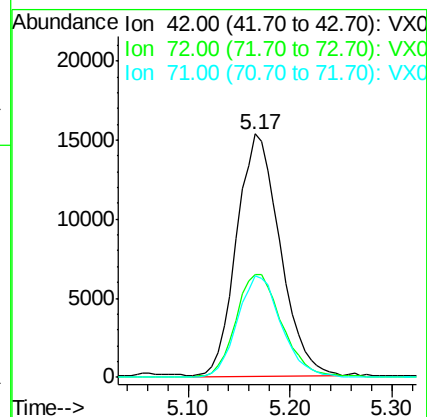
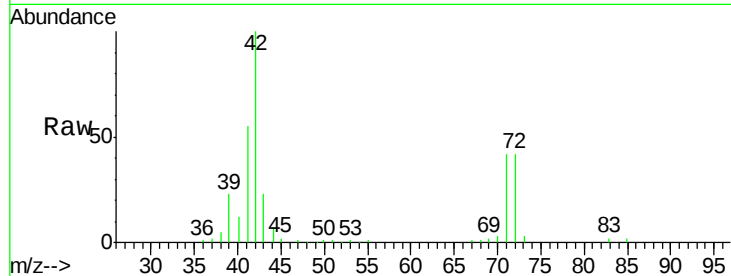




#29
Tetrahydrofuran
Concen: 26.251 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

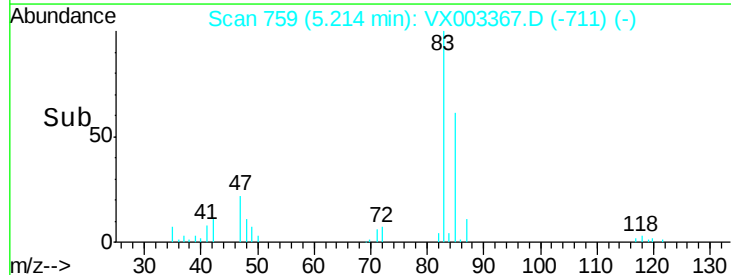
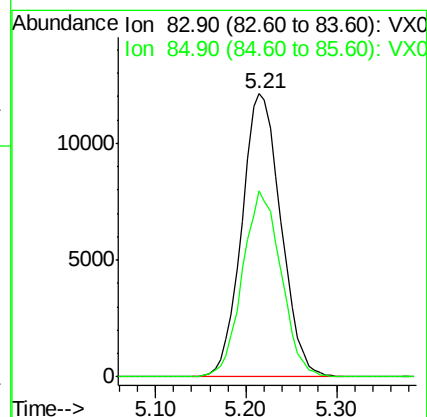
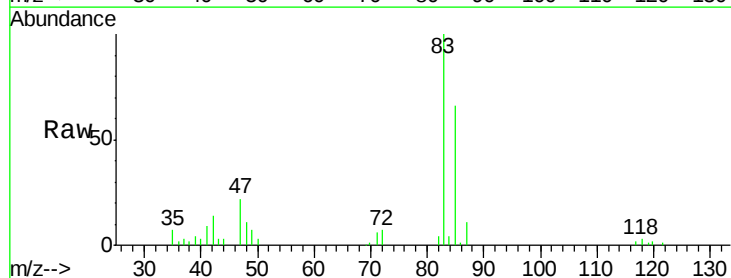
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

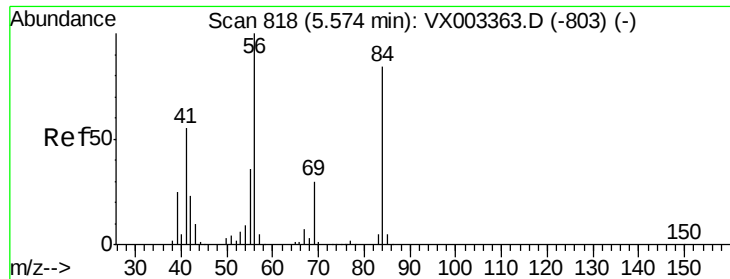
Tgt Ion: 42 Resp: 45200
Ion Ratio Lower Upper
42 100
72 45.3 32.0 48.0
71 42.4 30.1 45.1



#30
Chloroform
Concen: 5.424 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 83 Resp: 36196
Ion Ratio Lower Upper
83 100
85 65.7 50.4 75.6

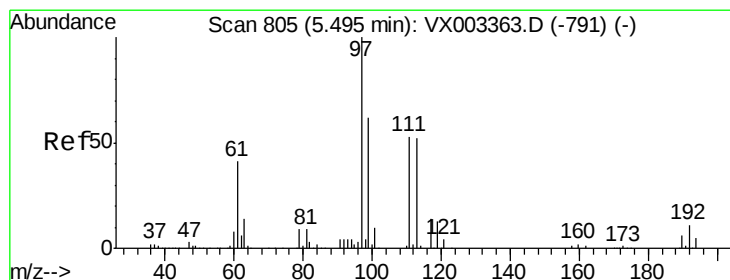
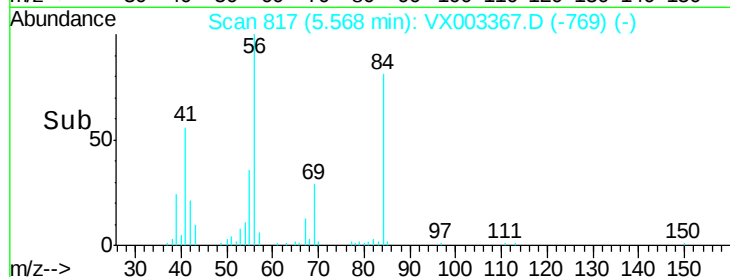
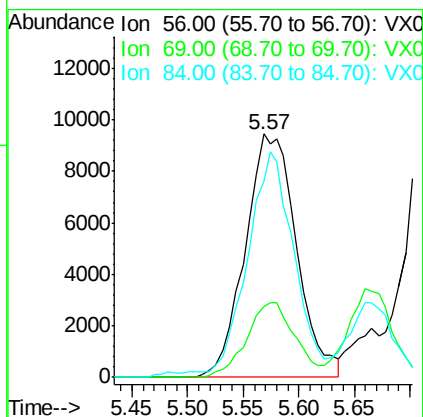
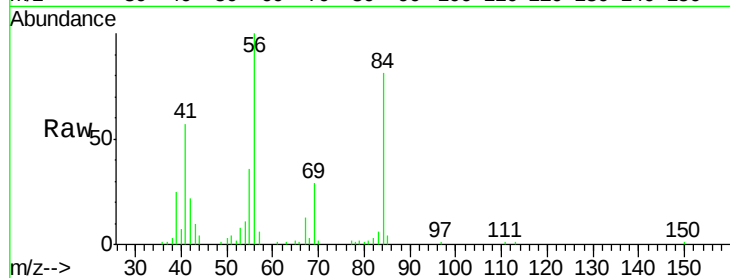




#31
Cyclohexane
Concen: 5.674 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

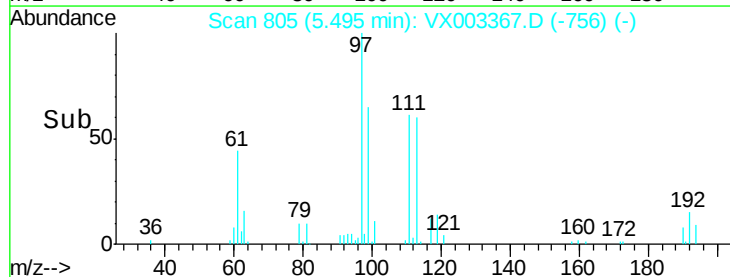
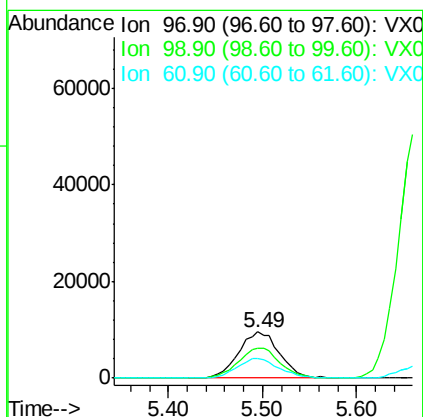
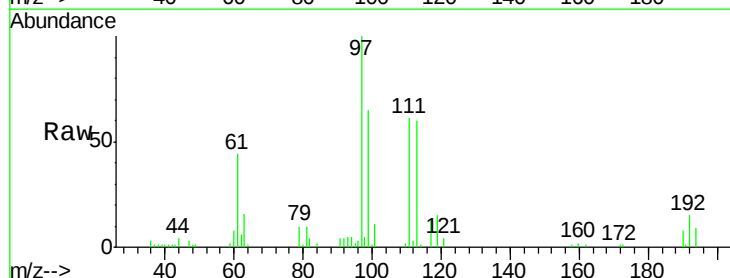
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

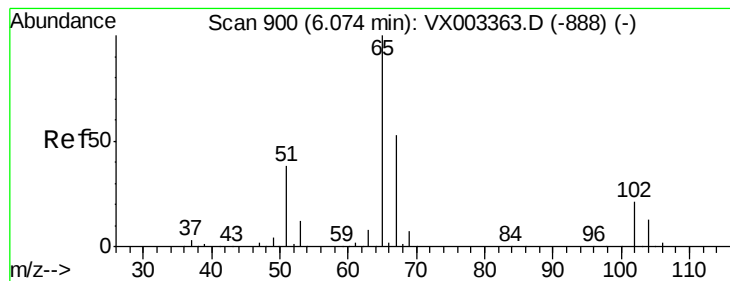
Tgt Ion: 56 Resp: 30233
Ion Ratio Lower Upper
56 100
69 29.1 23.7 35.5
84 78.2 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 5.230 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 97 Resp: 29076
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 43.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 4.925 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

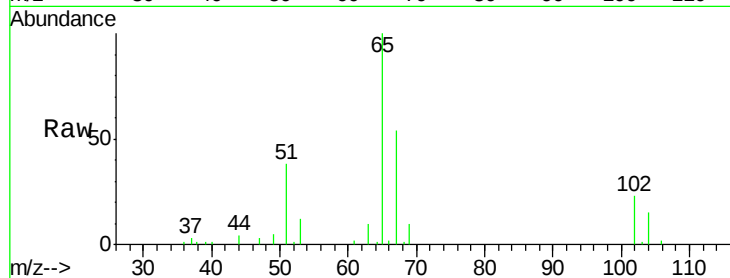
VSTDIC005

Tgt Ion: 65 Resp: 23721

Ion Ratio Lower Upper

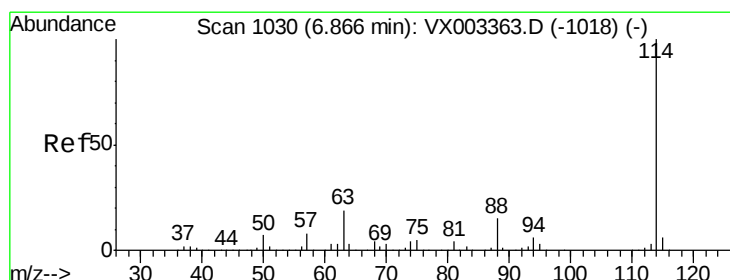
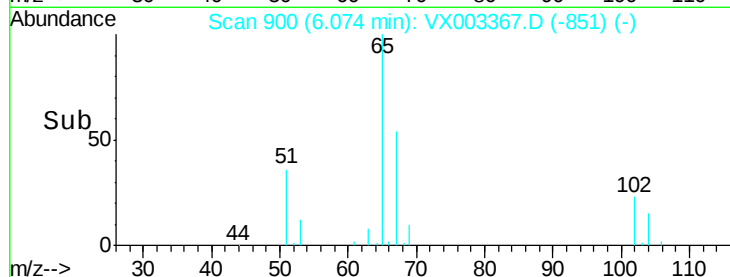
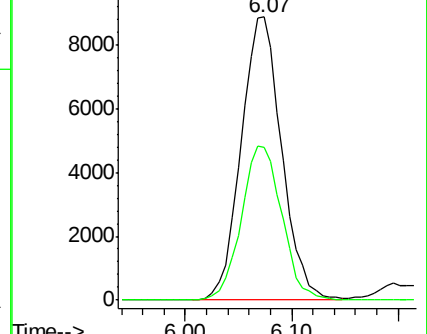
65 100

67 54.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

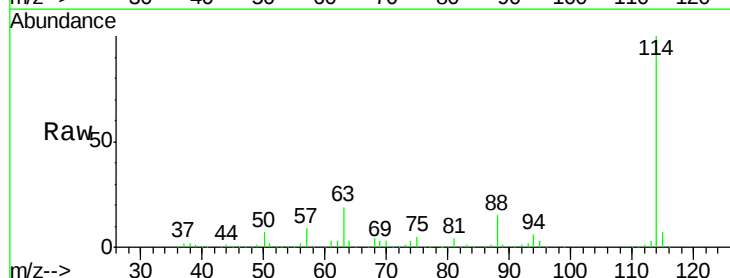
Tgt Ion: 114 Resp: 441129

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

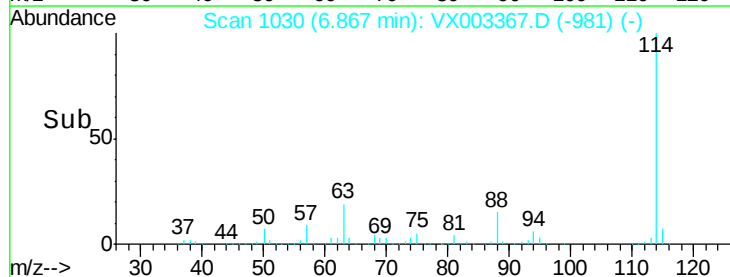
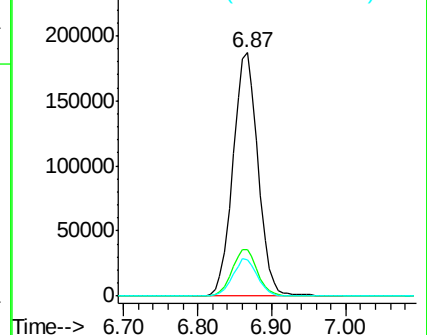
88 15.0 0.0 30.0

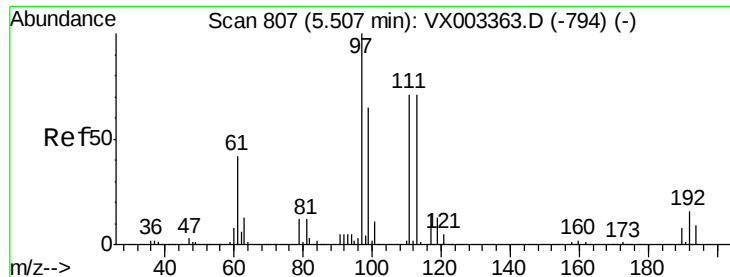


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 6.135 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

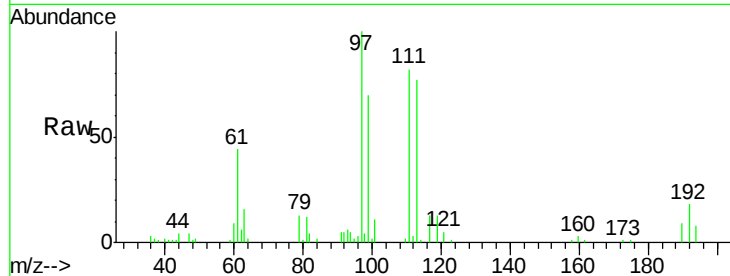
Tgt Ion:113 Resp: 19918

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

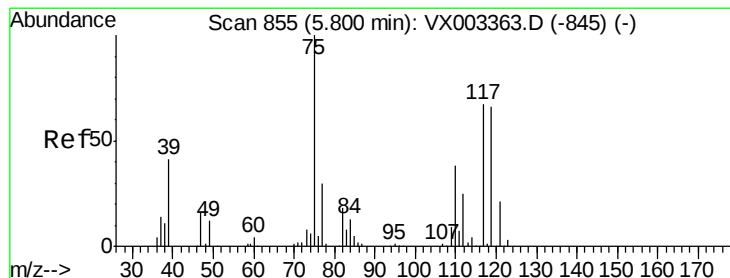
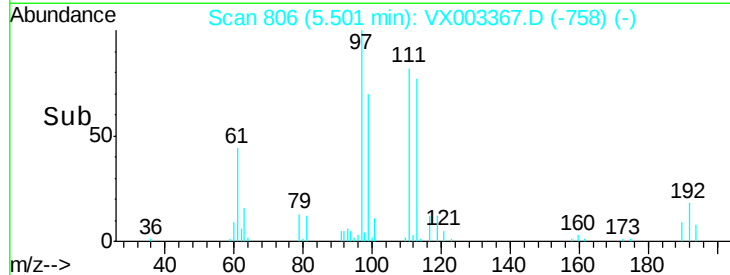
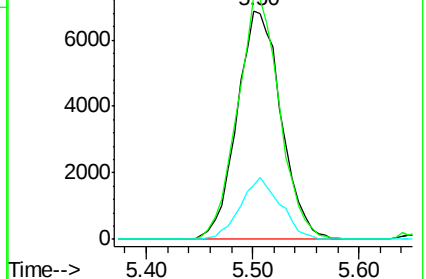
192 24.6 19.1 28.7



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: 5.584 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

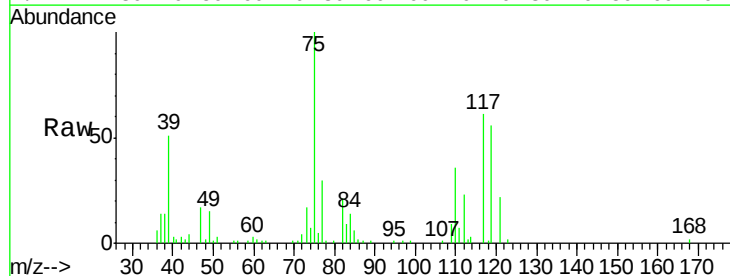
Tgt Ion: 75 Resp: 26167

Ion Ratio Lower Upper

75 100

110 38.5 18.1 54.4

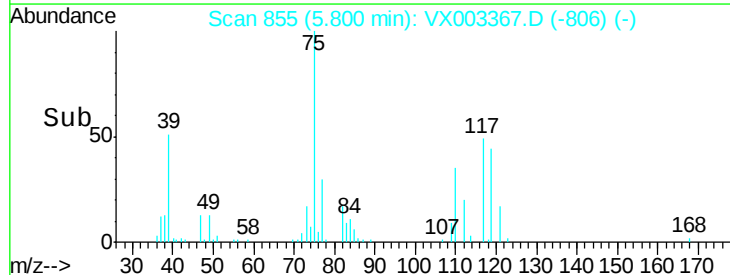
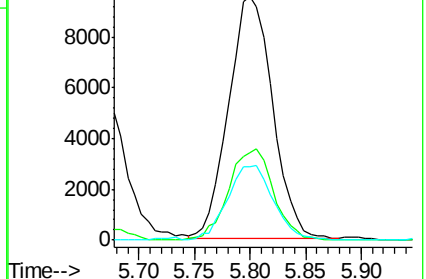
77 32.2 24.3 36.5

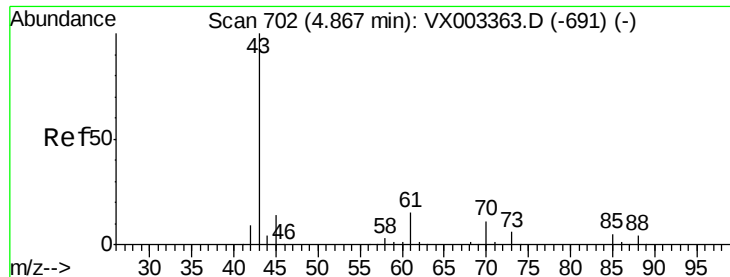


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

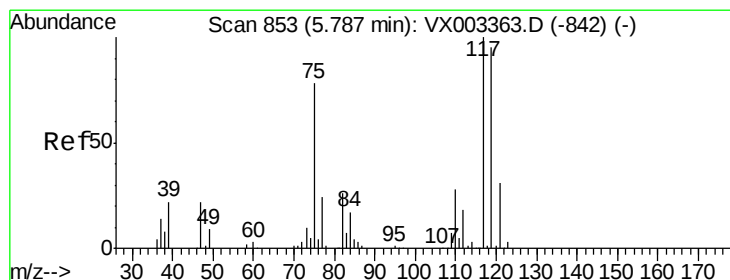
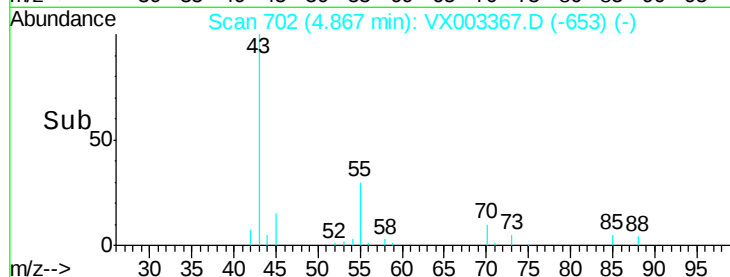
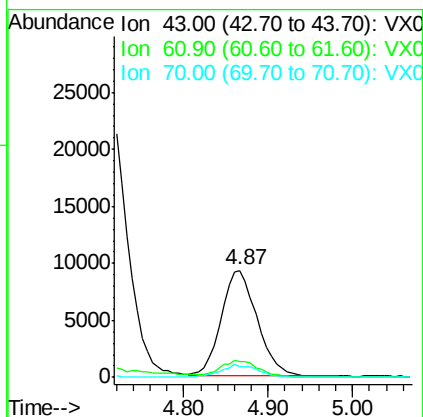
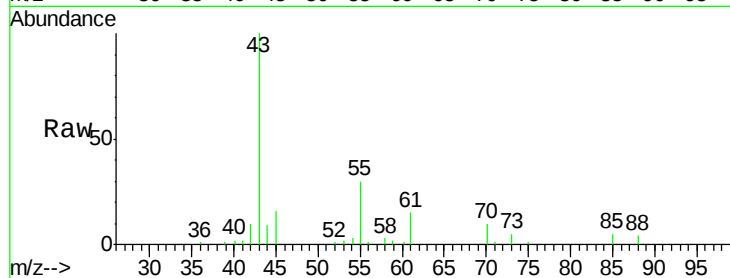




#37
Ethyl Acetate
Concen: 5.293 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

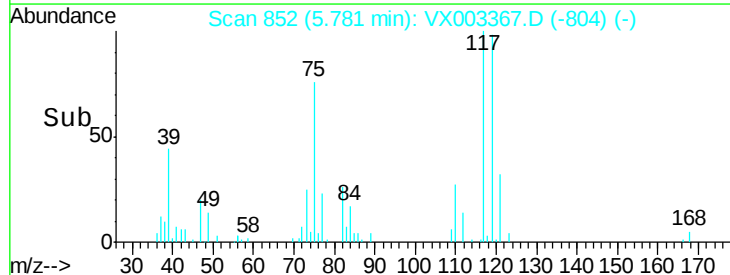
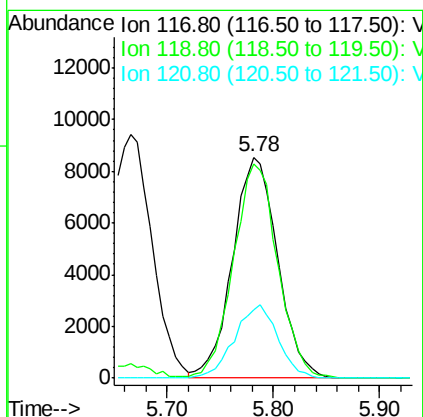
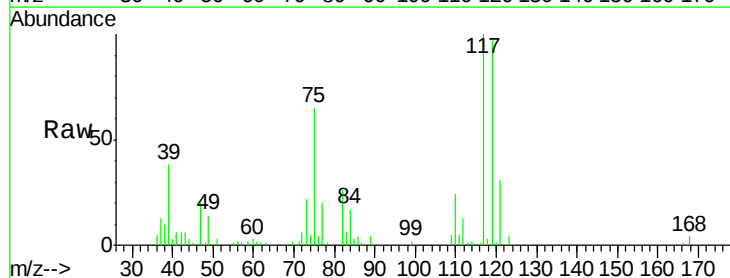
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

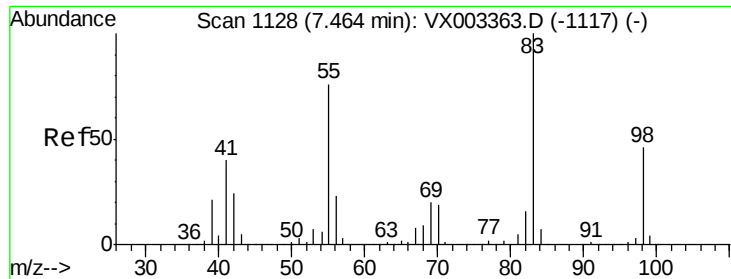
Tgt Ion: 43 Resp: 27184
Ion Ratio Lower Upper
43 100
61 17.0 10.4 15.6#
70 11.7 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 5.300 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 117 Resp: 25319
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.0
121 31.0 24.4 36.6

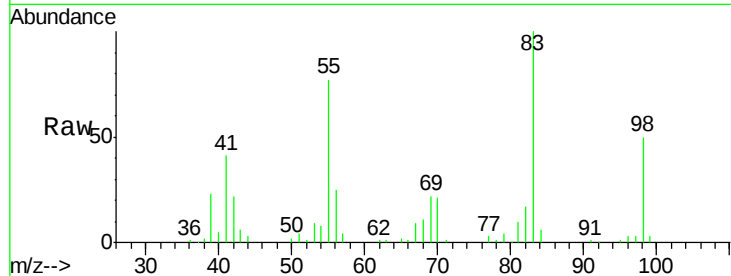




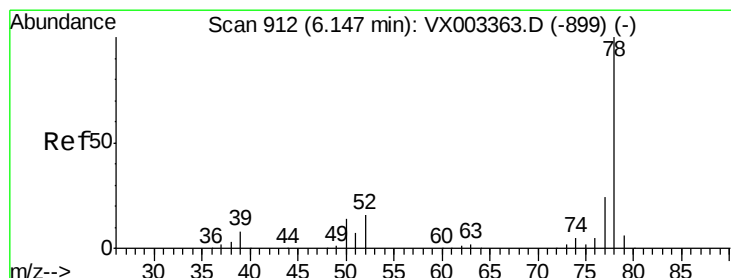
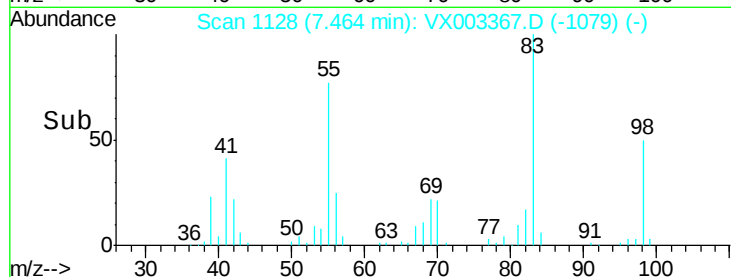
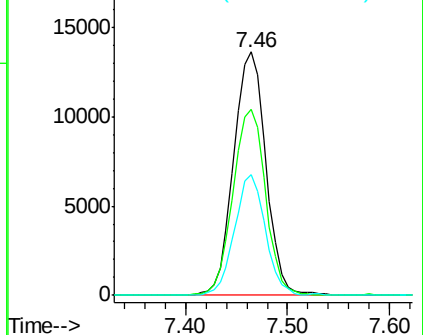
#39
Methylcyclohexane
Concen: 5.618 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 29802
Ion Ratio Lower Upper
83 100
55 76.5 65.4 98.0
98 49.5 37.4 56.0

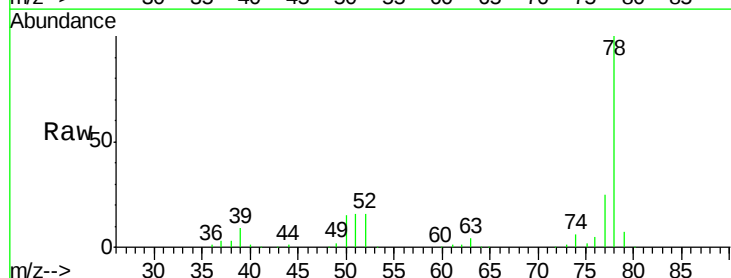


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

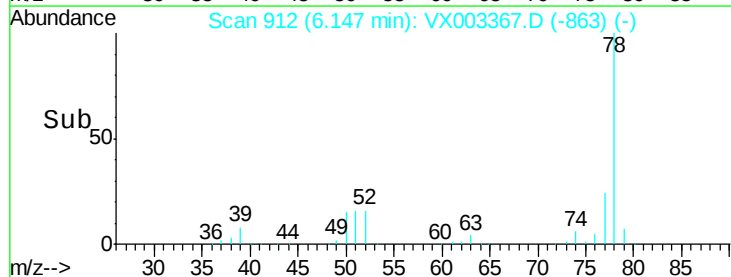
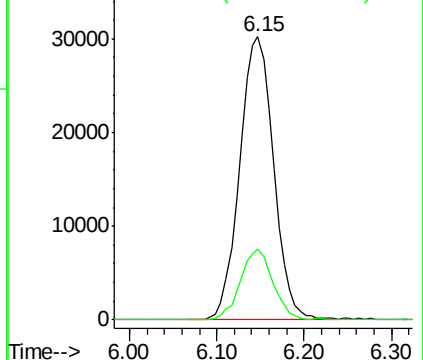


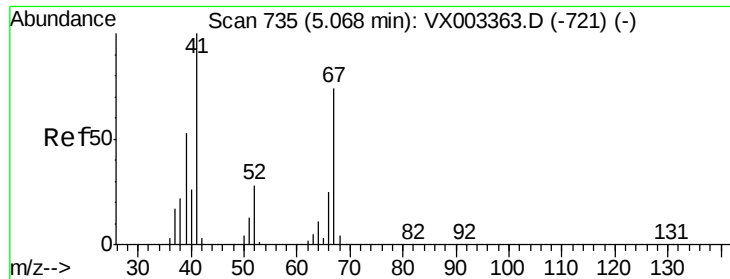
#40
Benzene
Concen: 5.540 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 78 Resp: 81320
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

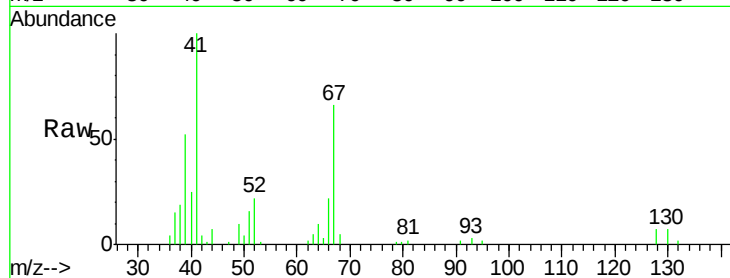




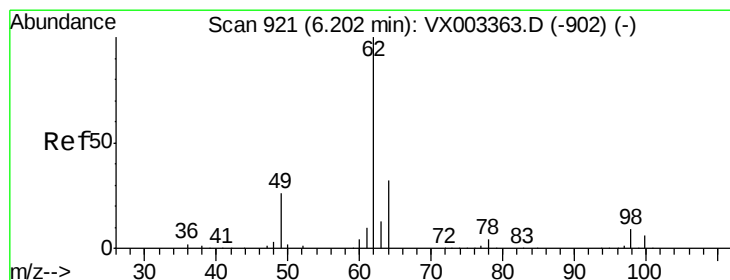
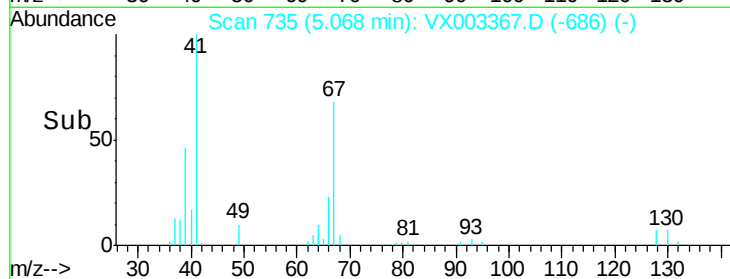
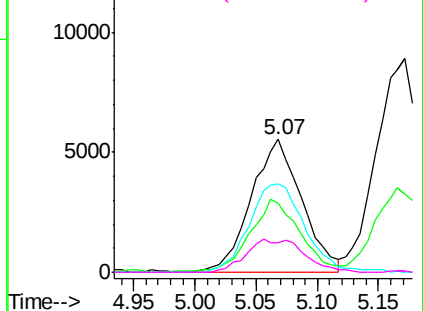
#41
Methacrylonitrile
Concen: 5.438 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	15998
Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.8	68.6
67	72.7	51.3	76.9
52	28.4	23.0	34.6

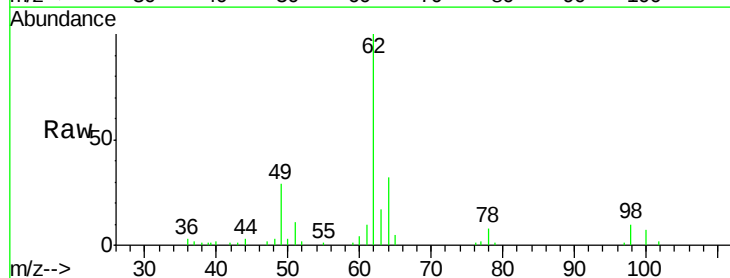


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

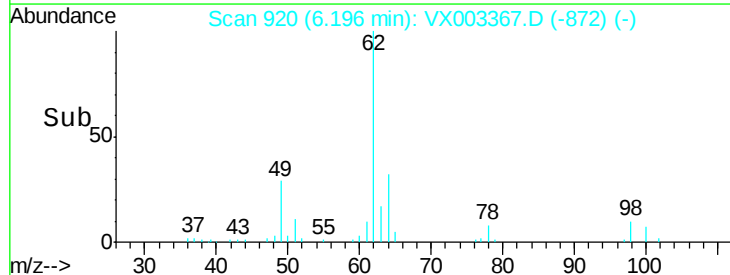
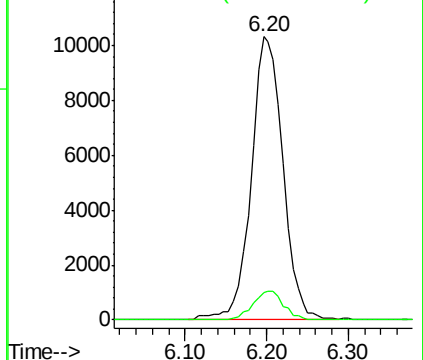


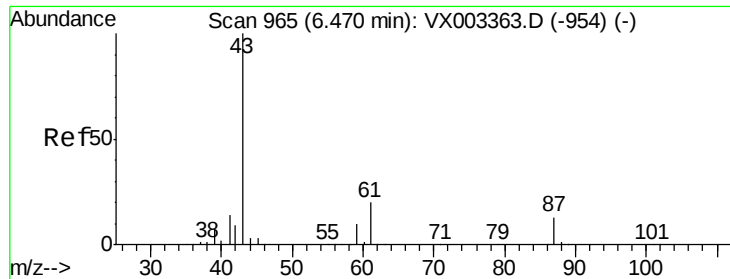
#42
1,2-Dichloroethane
Concen: 5.454 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion:	62	Resp:	27963
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 5.269 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

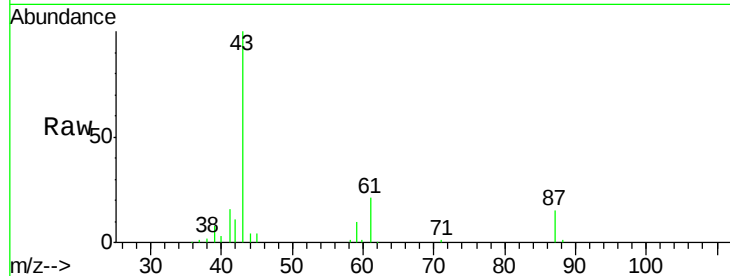
Tgt Ion: 43 Resp: 42407

Ion Ratio Lower Upper

43 100

61 20.9 14.4 21.6

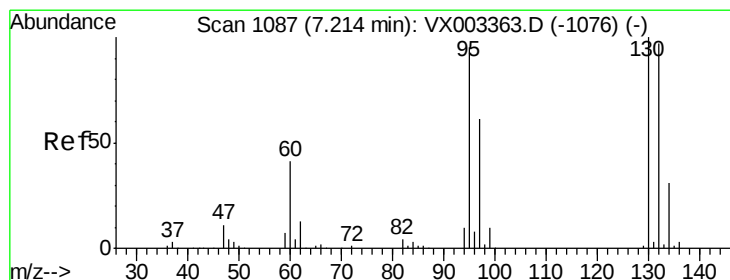
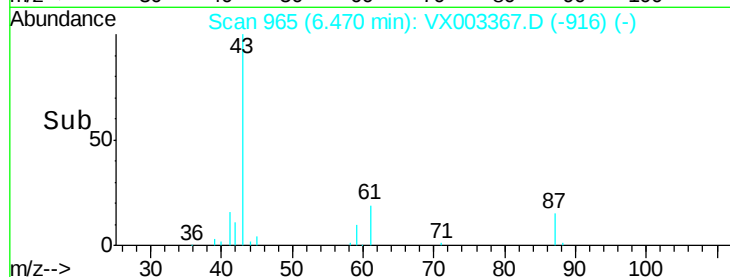
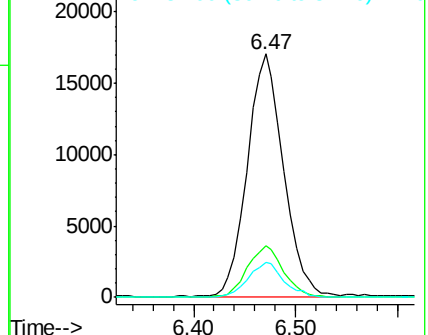
87 14.0 9.5 14.3



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: 5.685 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003367.D

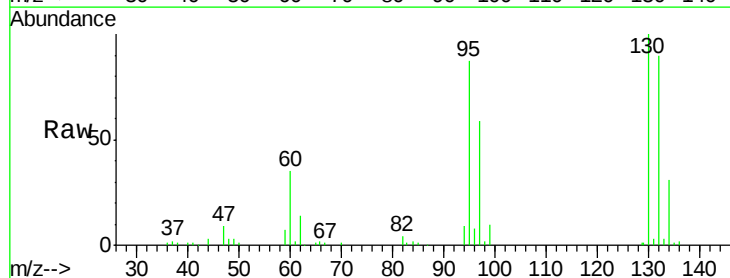
Acq: 13 Jul 2018 15:03

Tgt Ion: 130 Resp: 23645

Ion Ratio Lower Upper

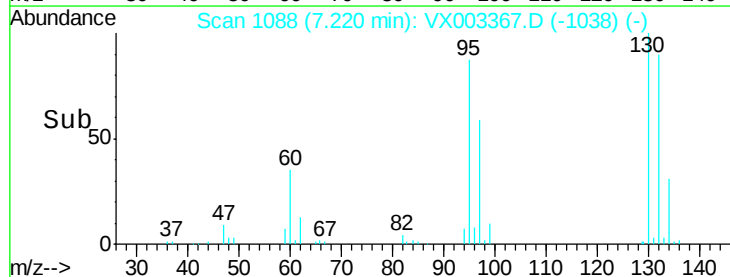
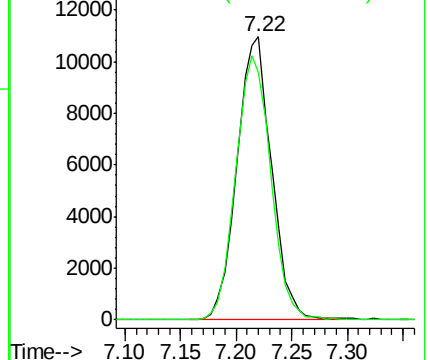
130 100

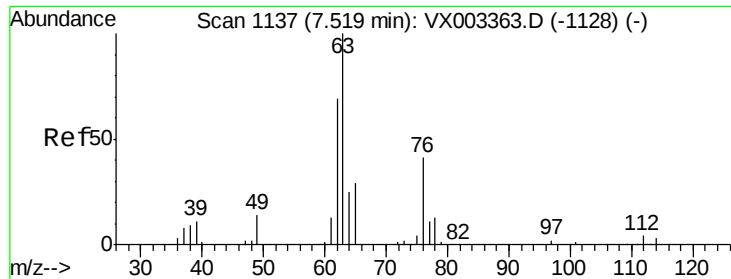
95 87.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

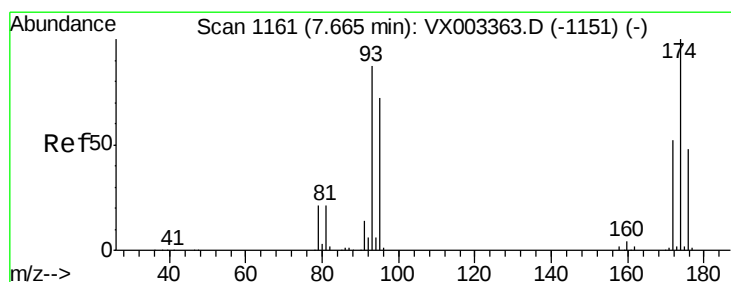
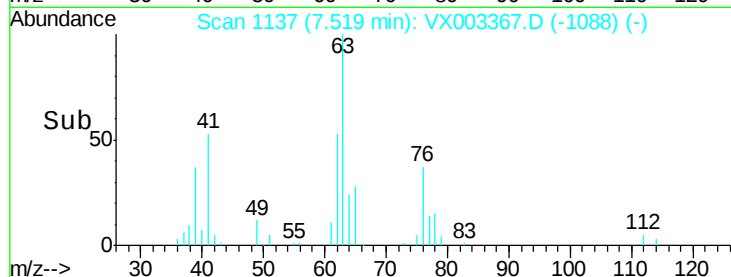
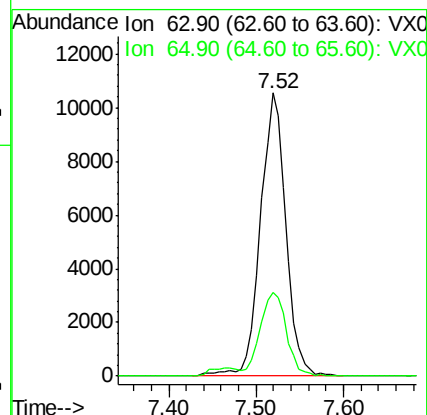
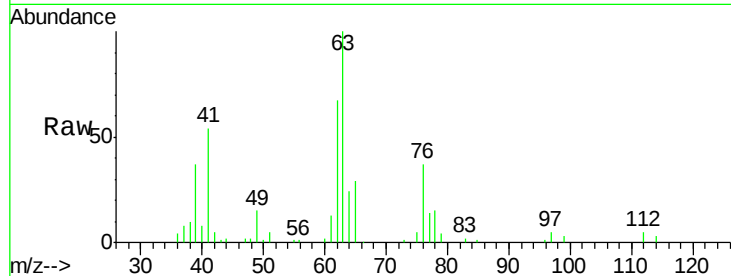




#45
 1,2-Dichloropropane
 Concen: 5.482 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

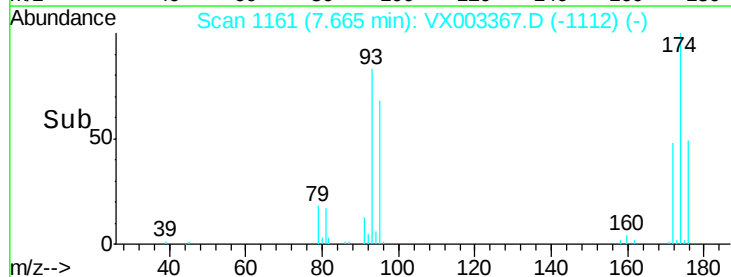
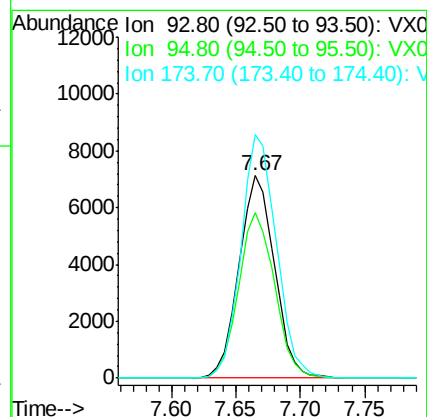
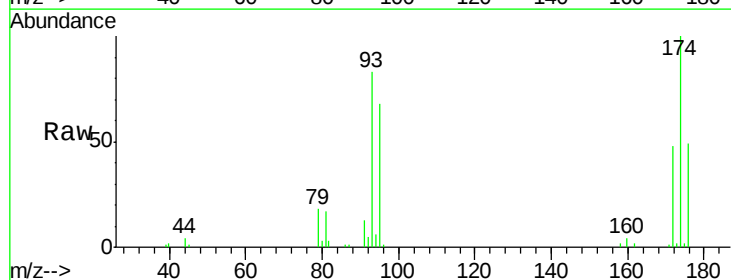
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

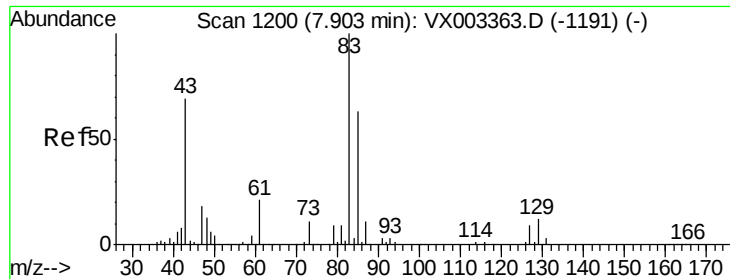
Tgt Ion: 63 Resp: 21346
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.7 37.1



#46
 Dibromomethane
 Concen: 5.444 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion: 93 Resp: 13629
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 119.4 92.4 138.6





#47

Bromodichloromethane

Concen: 5.121 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

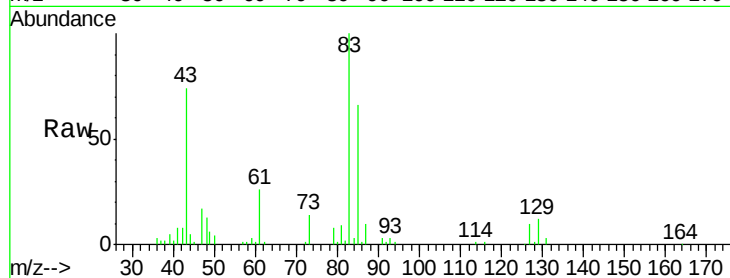
Tgt Ion: 83 Resp: 24171

Ion Ratio Lower Upper

83 100

85 65.8 50.3 75.5

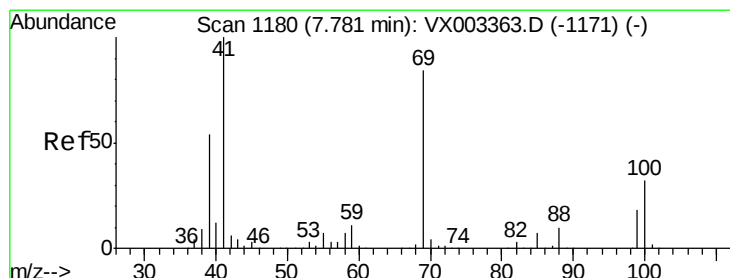
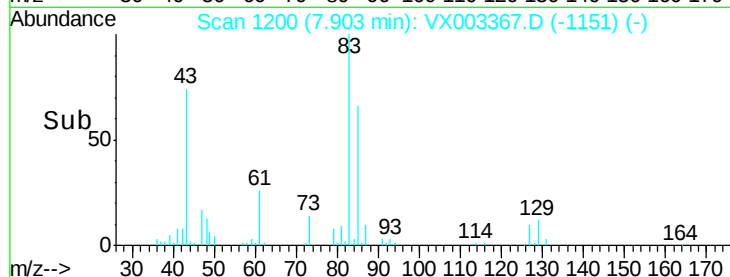
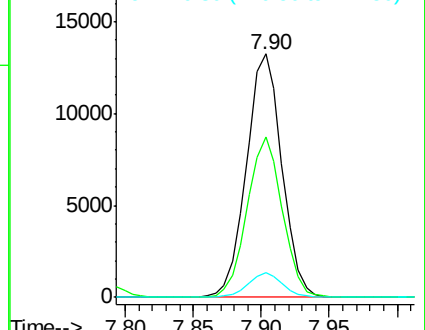
127 10.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.057 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

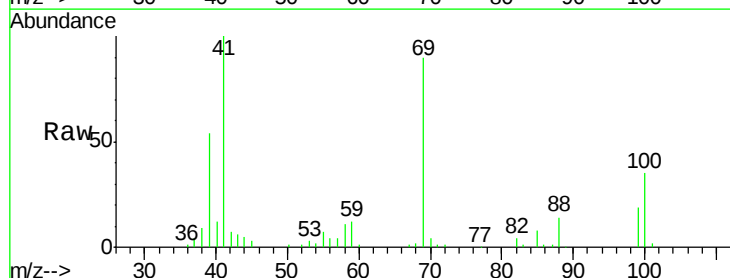
Tgt Ion: 41 Resp: 20774

Ion Ratio Lower Upper

41 100

69 88.9 59.1 88.7#

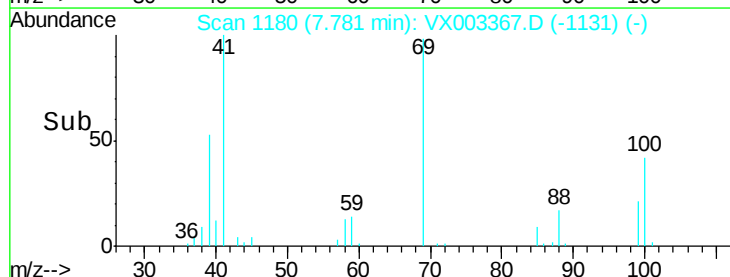
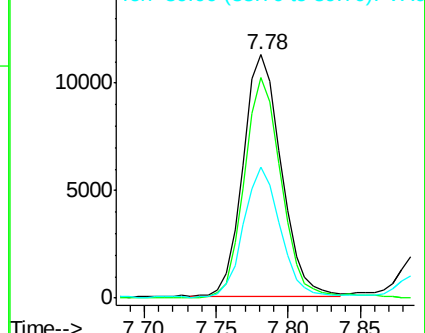
39 53.2 48.9 73.3

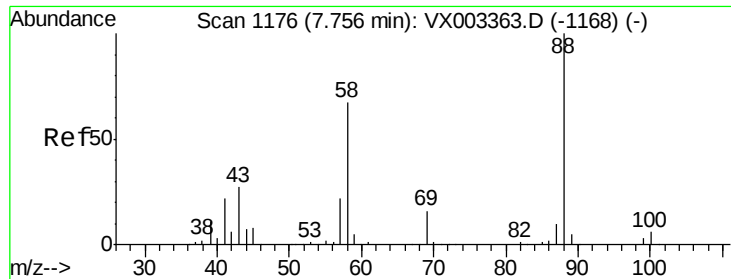


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

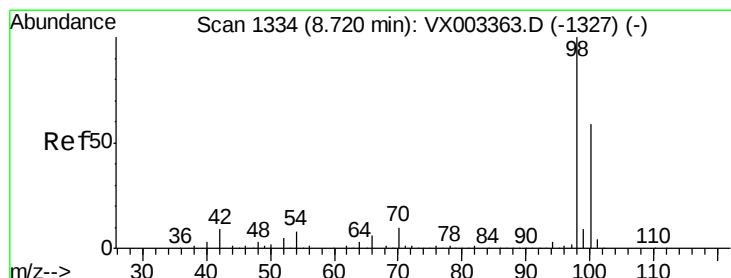
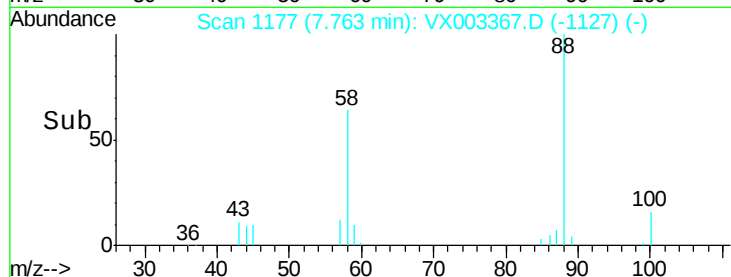
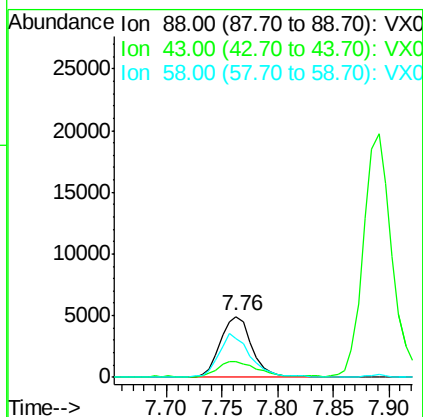
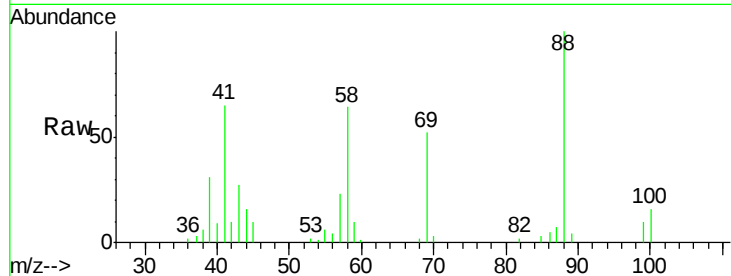




#49
1,4-Dioxane
Concen: 107.825 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

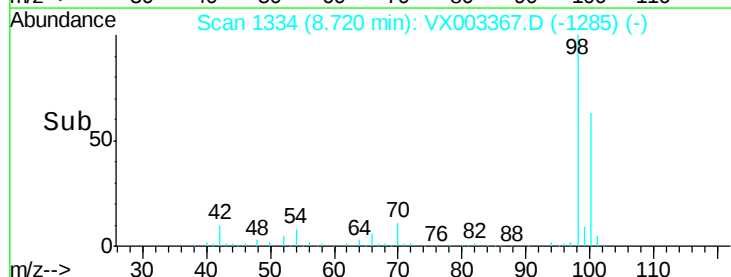
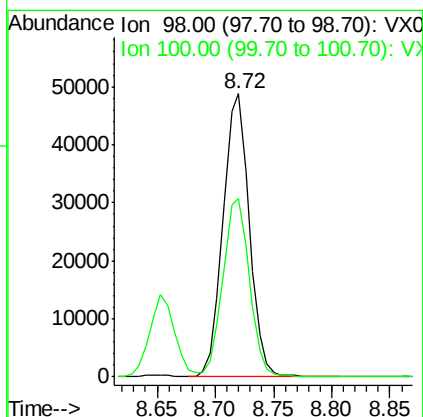
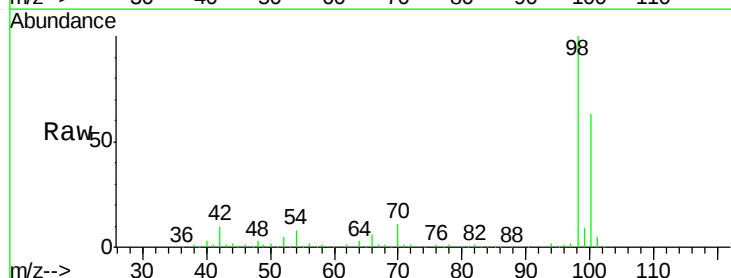
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

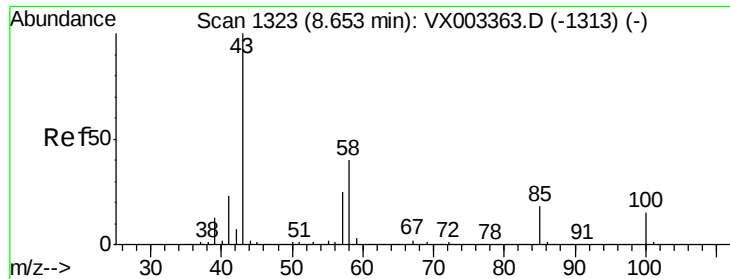
Tgt Ion: 88 Resp: 9665
Ion Ratio Lower Upper
88 100
43 33.4 29.8 44.6
58 71.9 57.1 85.7



#50
Toluene-d8
Concen: 5.541 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 98 Resp: 76355
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 26.291 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

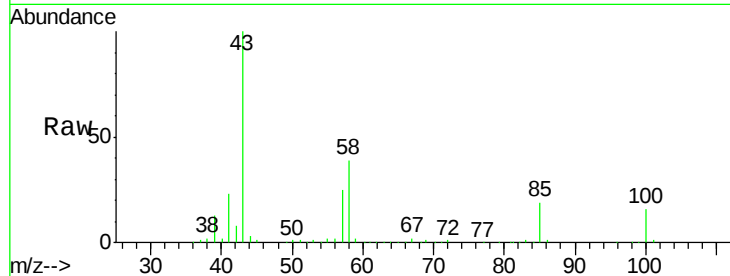
VSTDIC005

Tgt Ion: 43 Resp: 138310

Ion Ratio Lower Upper

43 100

58 39.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

80000

60000

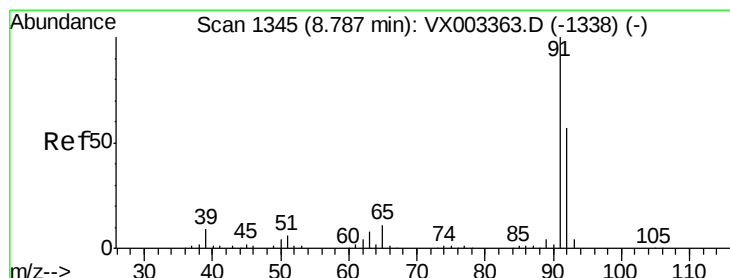
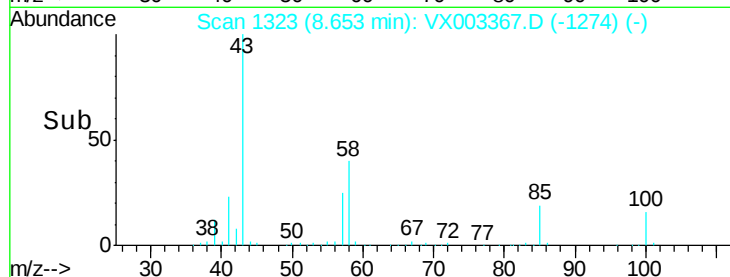
40000

20000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 5.580 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003367.D

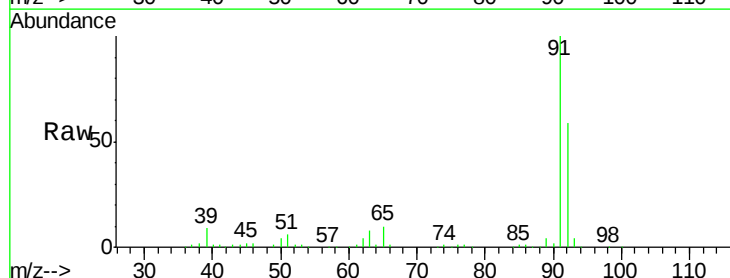
Acq: 13 Jul 2018 15:03

Tgt Ion: 92 Resp: 51902

Ion Ratio Lower Upper

92 100

91 172.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

60000

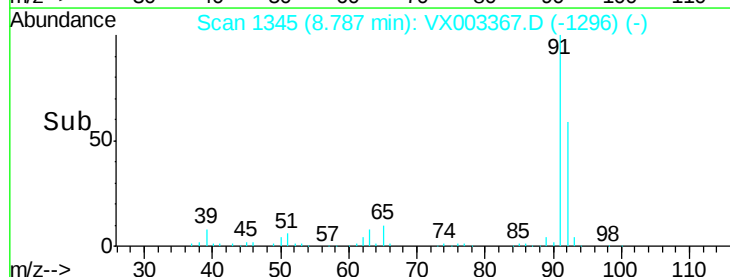
40000

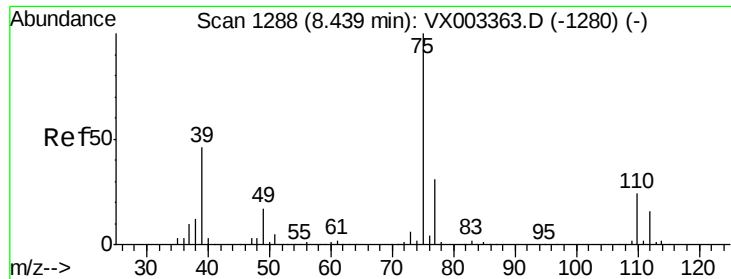
20000

0

8.70 8.75 8.80 8.85

Time-->

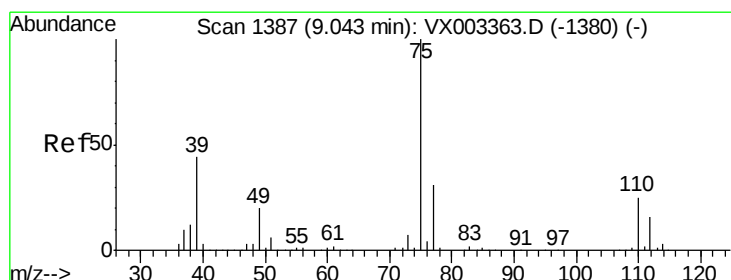
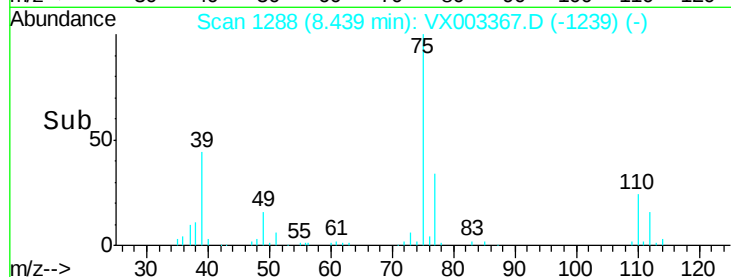
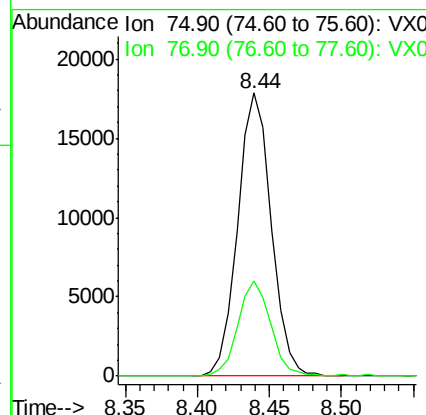
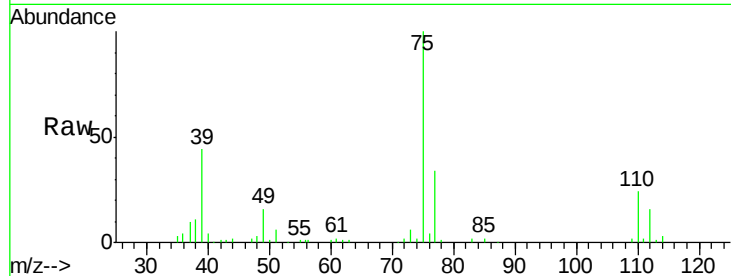




#53
t-1,3-Dichloropropene
Concen: 5.207 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

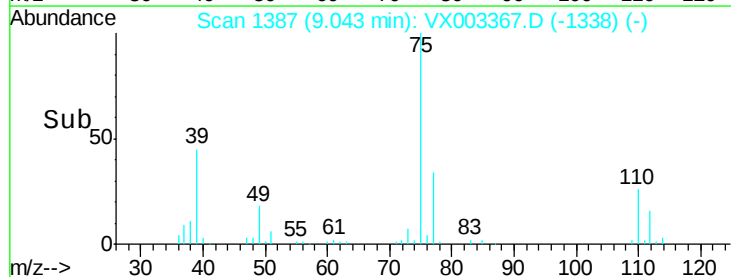
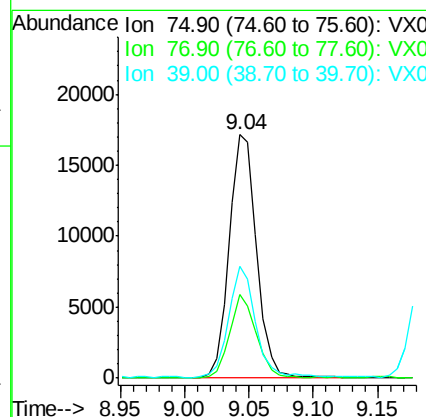
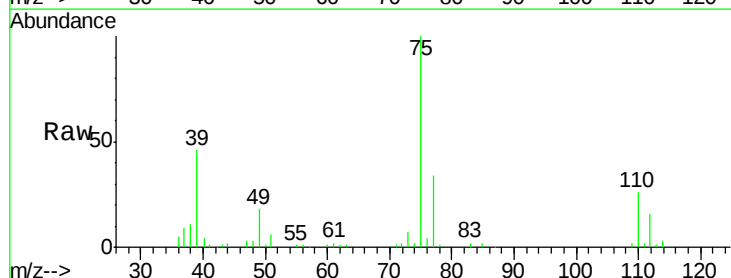
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

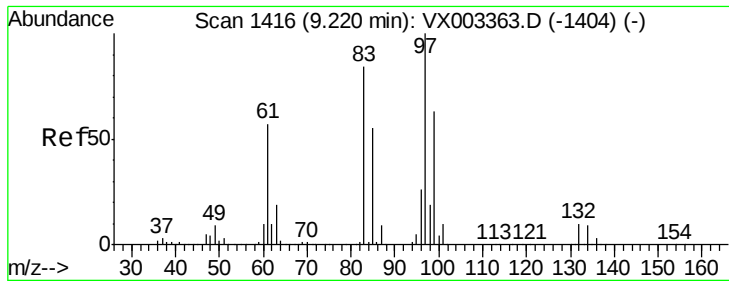
Tgt Ion: 75 Resp: 28867
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 5.061 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 75 Resp: 25630
Ion Ratio Lower Upper
75 100
77 34.2 24.8 37.2
39 45.8 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 5.473 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 21248

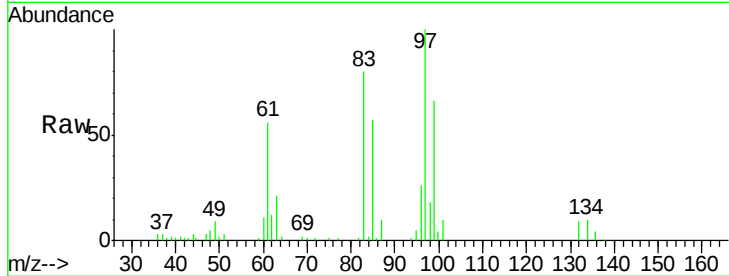
Ion Ratio Lower Upper

97 100

83 80.1 70.2 105.2

85 56.7 44.9 67.3

99 65.7 49.8 74.8

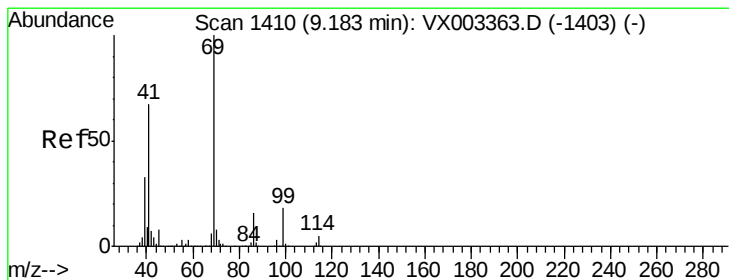
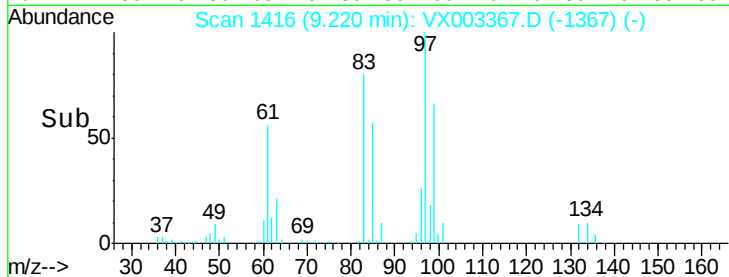
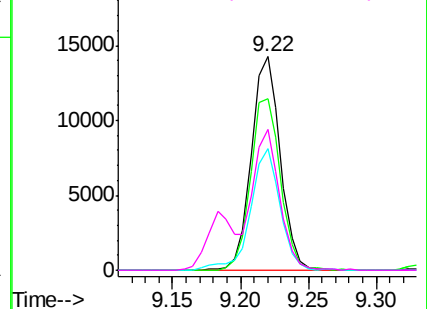


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 5.187 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

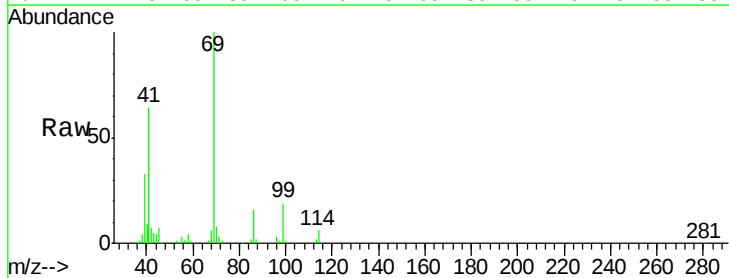
Tgt Ion: 69 Resp: 28762

Ion Ratio Lower Upper

69 100

41 63.1 60.3 90.5

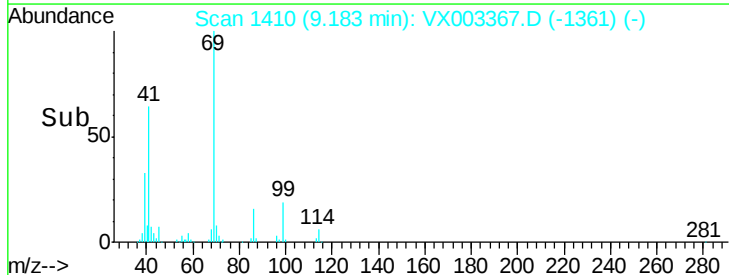
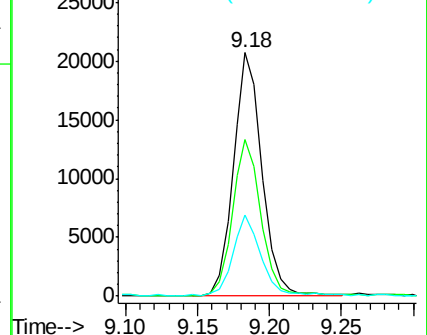
39 31.8 35.8 53.8#

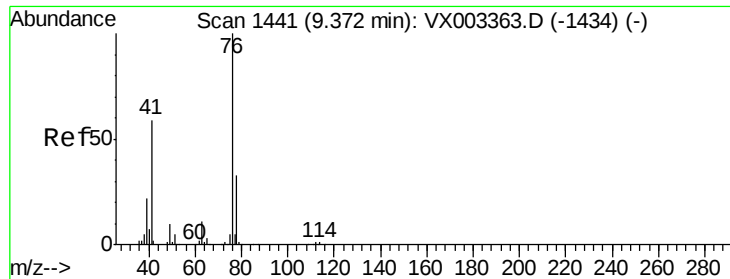


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.535 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampled :

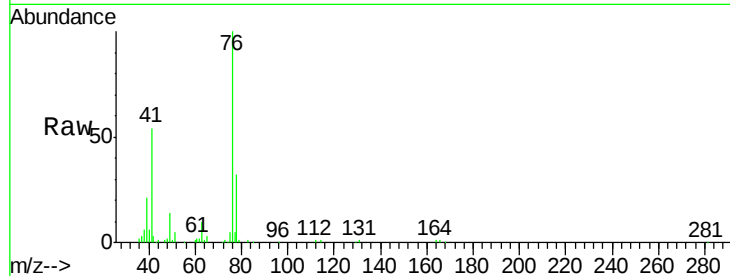
VSTDIC005

Tgt Ion: 76 Resp: 34825

Ion Ratio Lower Upper

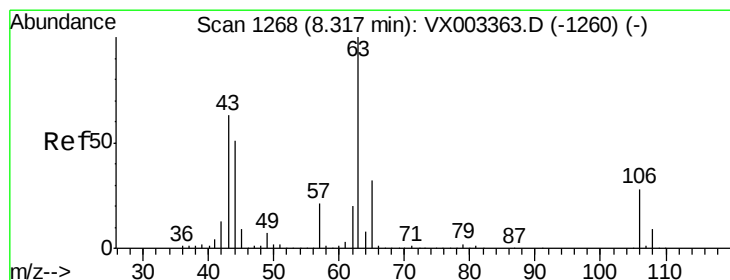
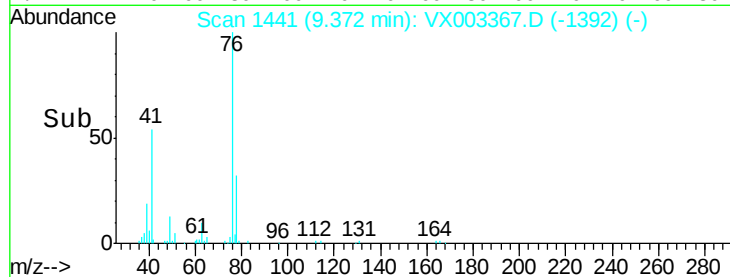
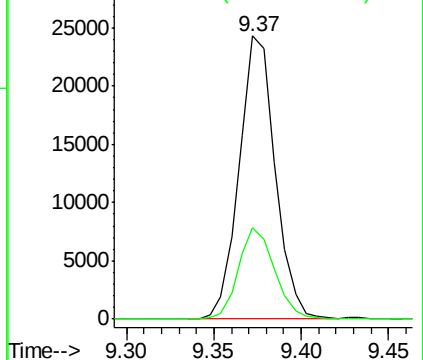
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 25.569 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003367.D

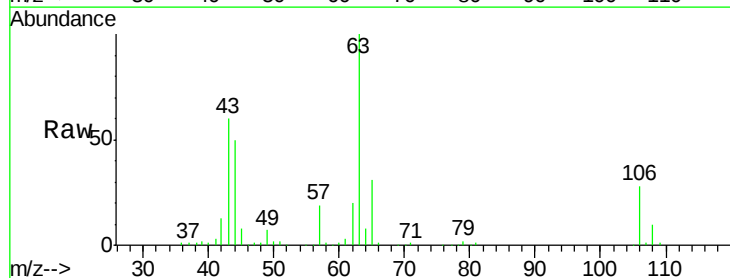
Acq: 13 Jul 2018 15:03

Tgt Ion: 63 Resp: 68899

Ion Ratio Lower Upper

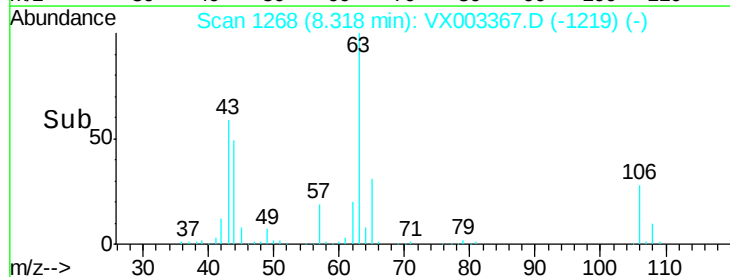
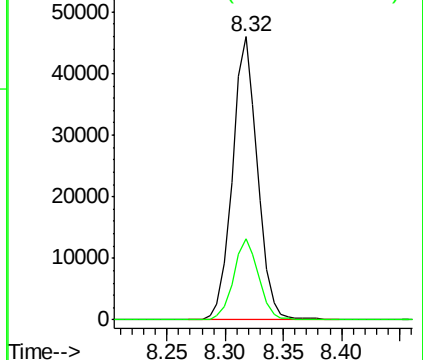
63 100

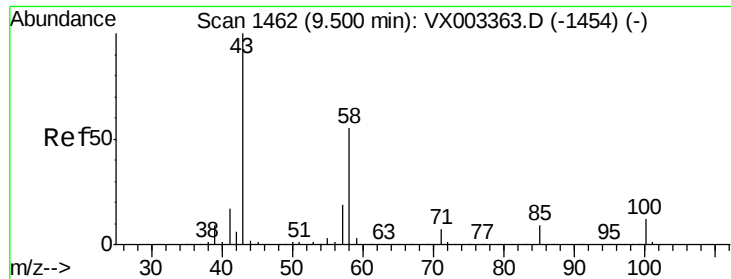
106 28.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

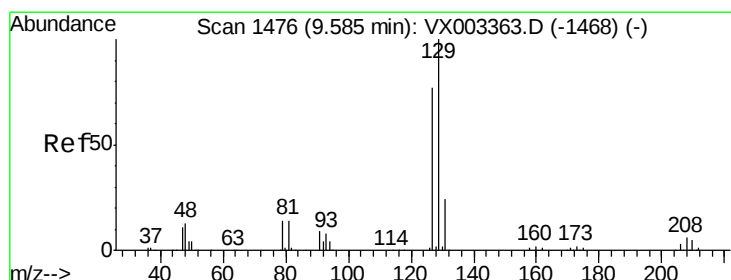
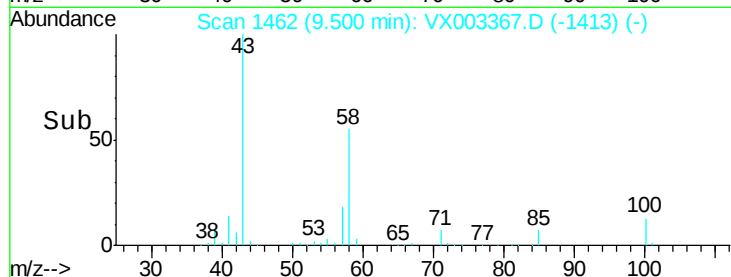
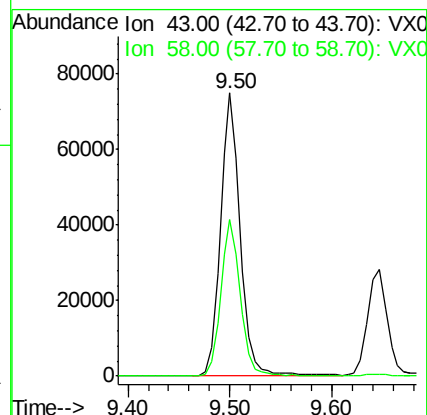
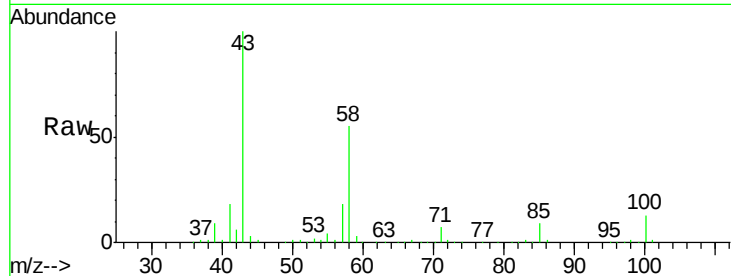




#59
2-Hexanone
Concen: 26.165 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

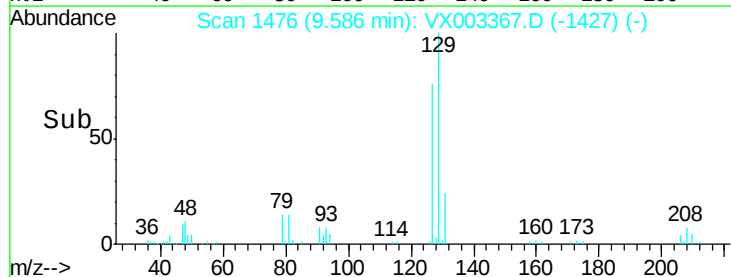
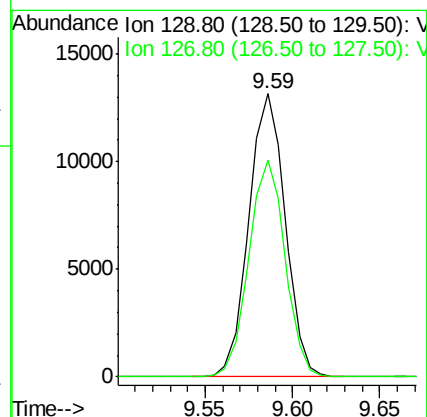
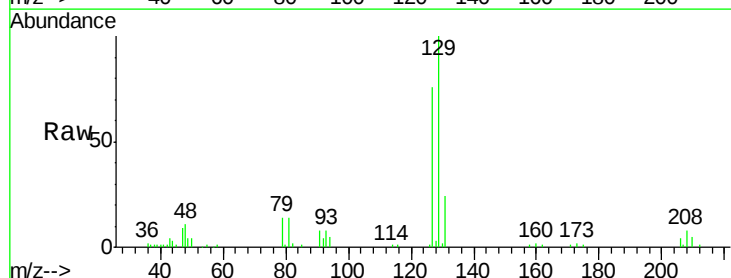
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

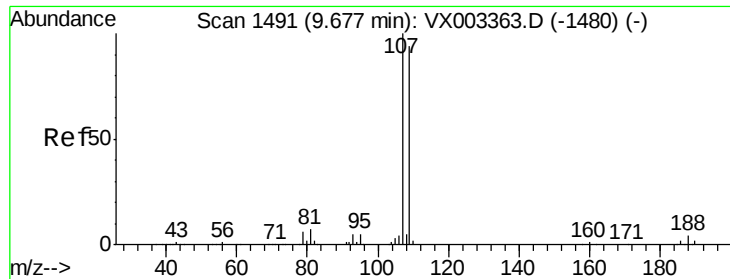
Tgt Ion: 43 Resp: 101524
Ion Ratio Lower Upper
43 100
58 55.5 24.6 73.6



#60
Dibromochloromethane
Concen: 5.042 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 129 Resp: 18999
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3

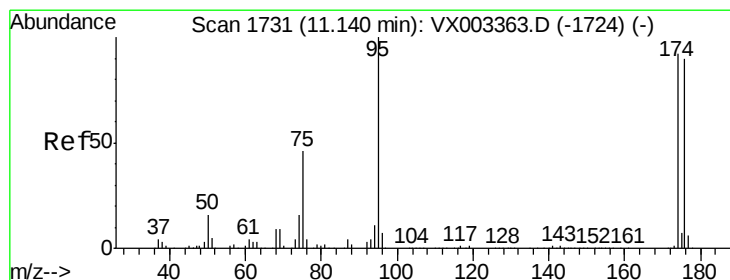
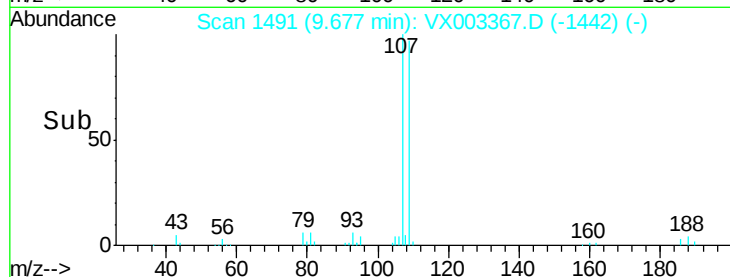
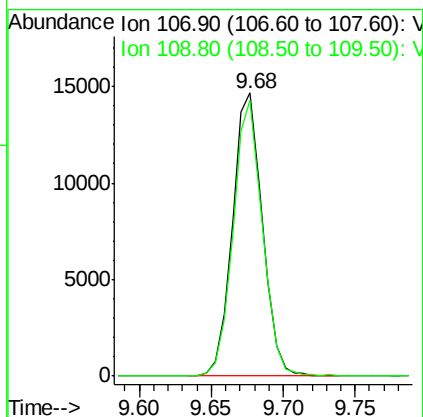
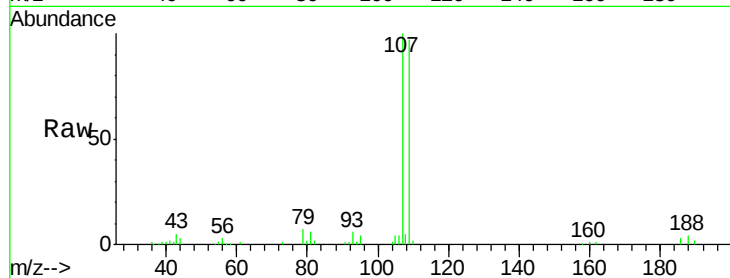




#61
 1,2-Dibromoethane
 Concen: 5.413 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

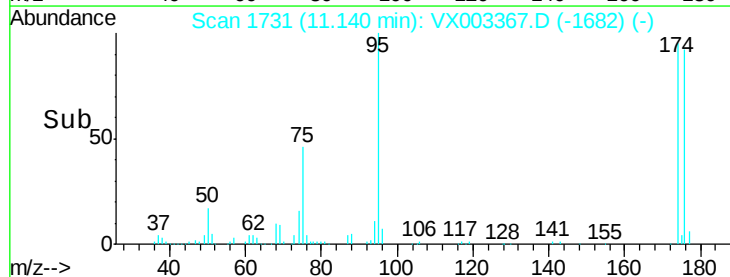
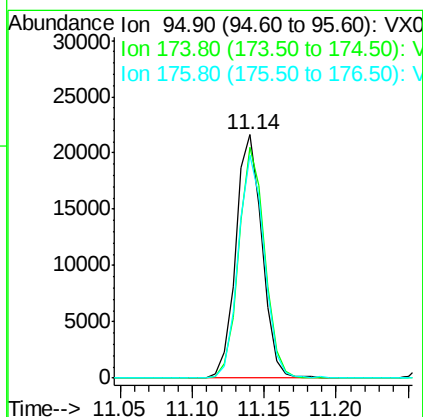
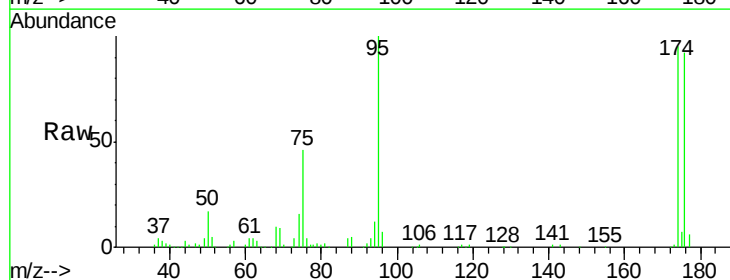
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

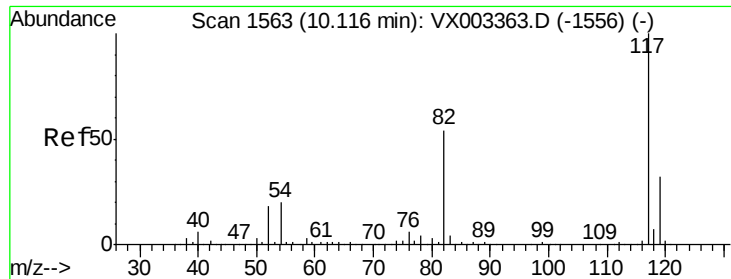
Tgt Ion: 107 Resp: 21190
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 6.083 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion: 95 Resp: 27501
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 187.4
 176 90.4 0.0 181.0

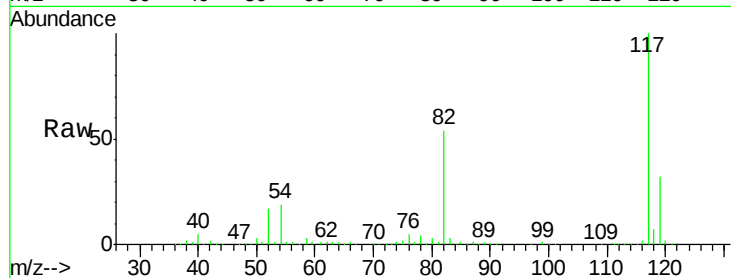




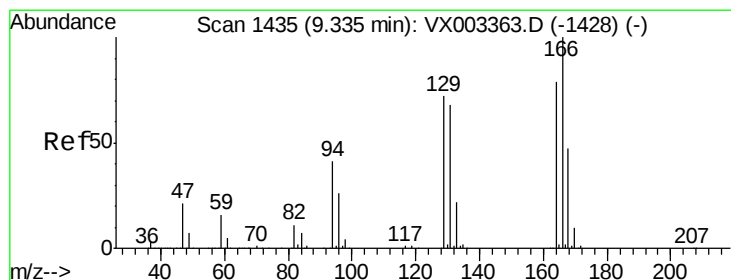
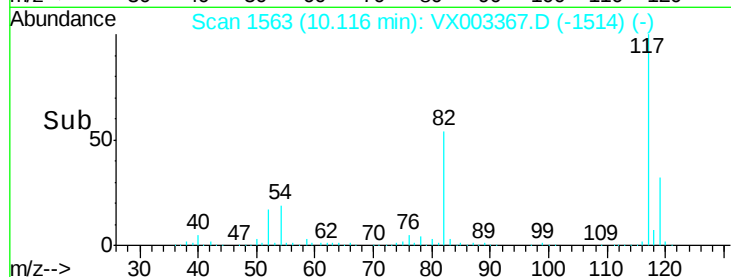
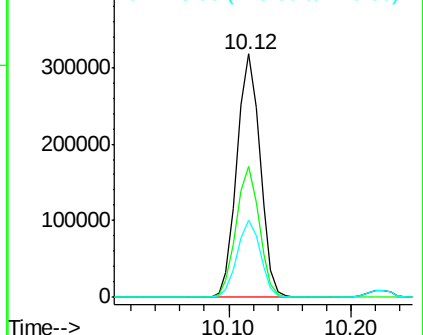
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 417346
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 31.7 25.8 38.6

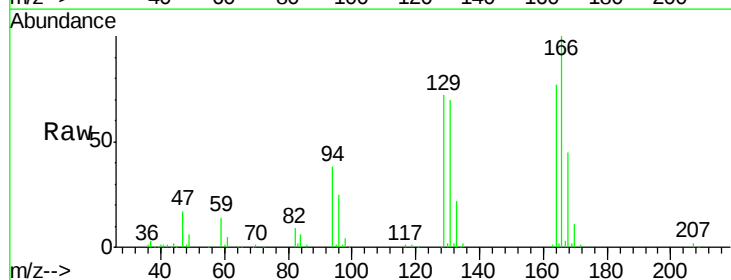


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

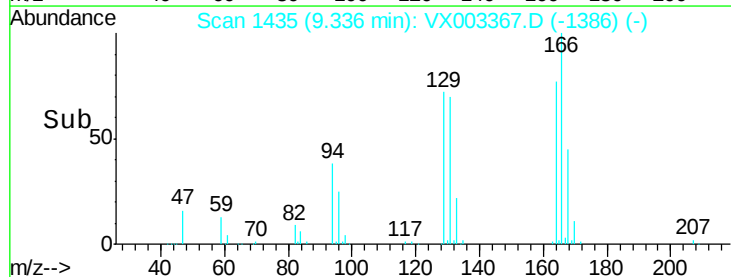
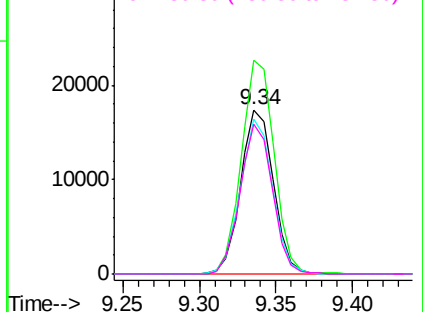


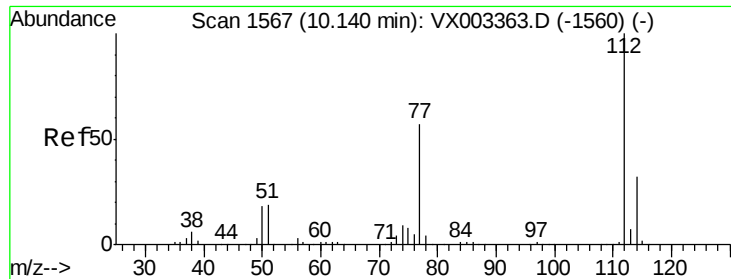
#64
Tetrachloroethene
Concen: 5.700 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion:164 Resp: 25762
Ion Ratio Lower Upper
164 100
166 130.1 102.9 154.3
129 94.0 68.6 102.8
131 91.3 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.594 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampled :

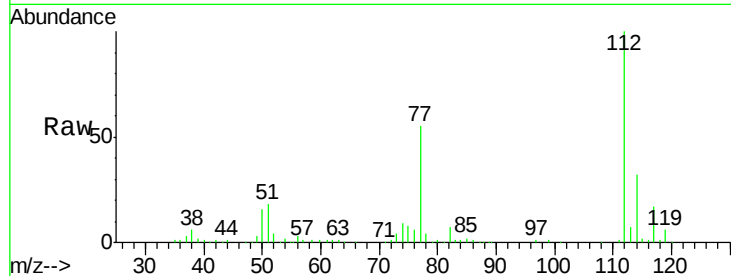
VSTDIC005

Tgt Ion:112 Resp: 59948

Ion Ratio Lower Upper

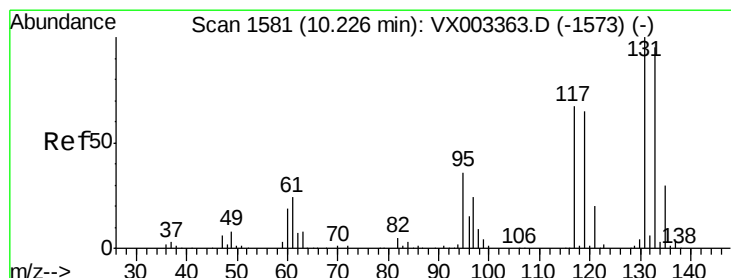
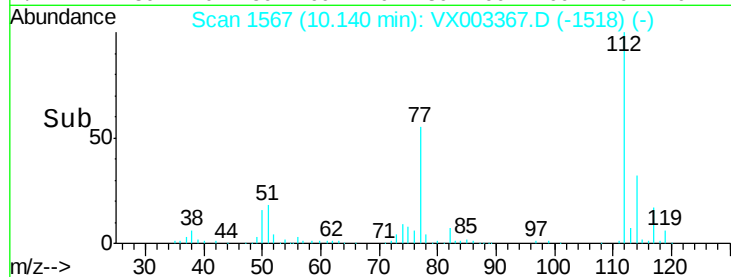
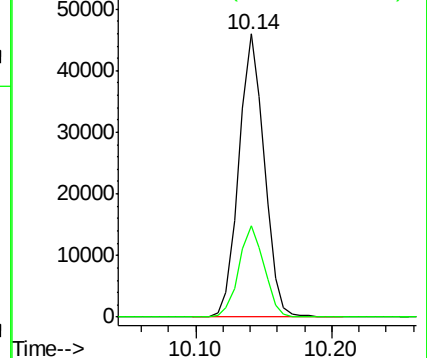
112 100

114 32.5 25.3 37.9



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: 5.289 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

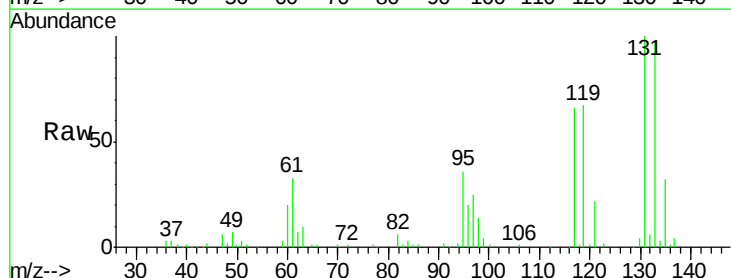
Tgt Ion:131 Resp: 20041

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

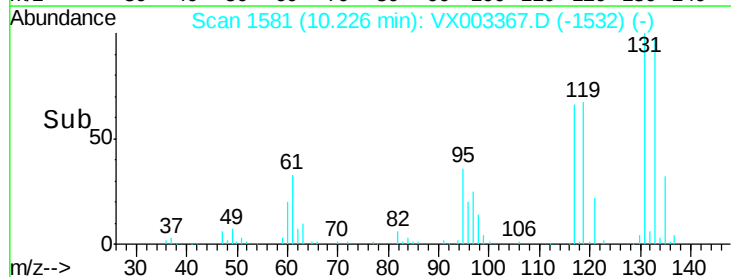
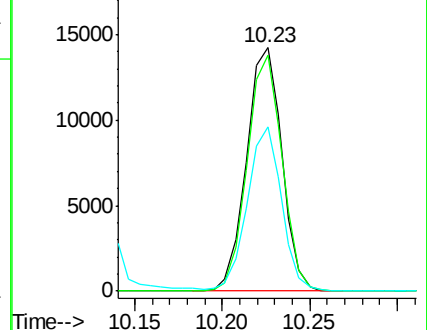
119 65.7 31.8 95.3

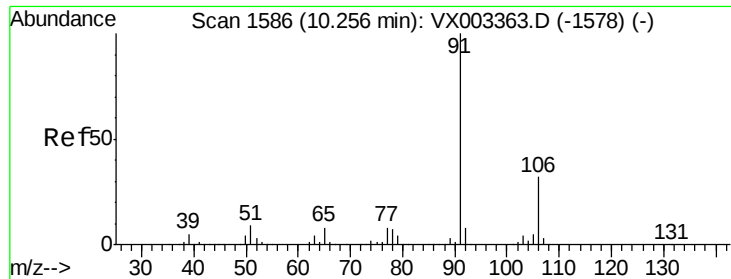


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

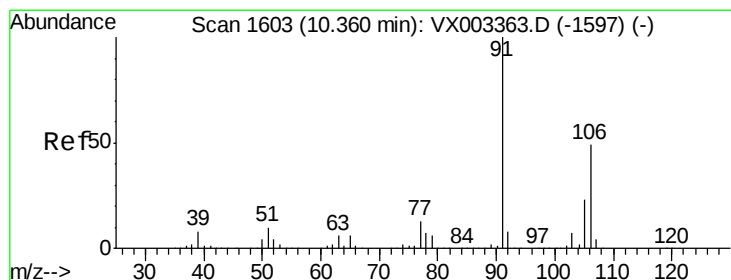
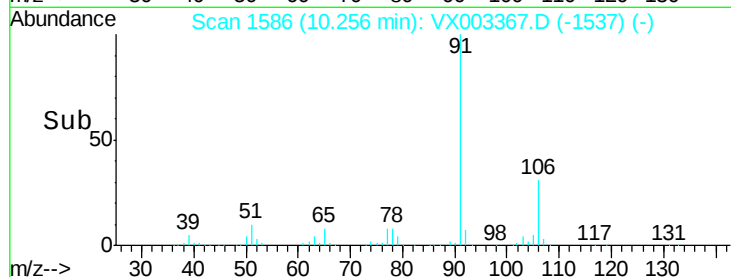
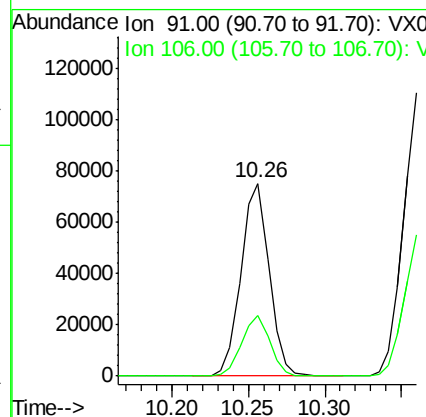
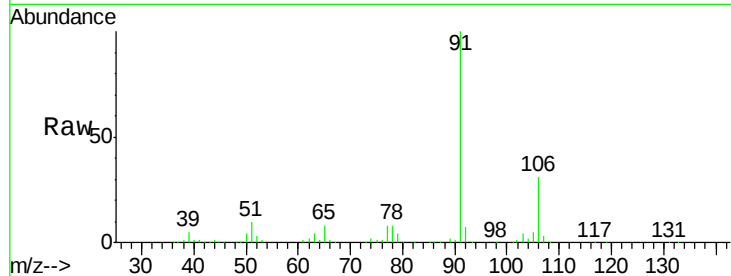




#67
Ethyl Benzene
Concen: 5.520 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

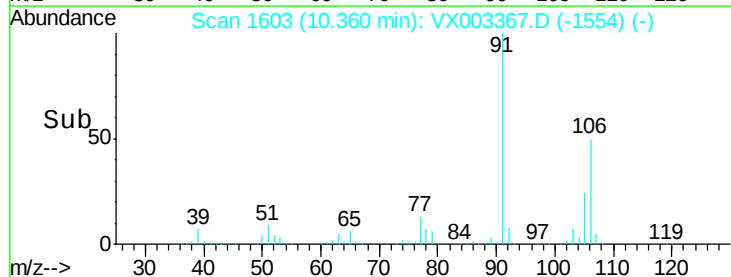
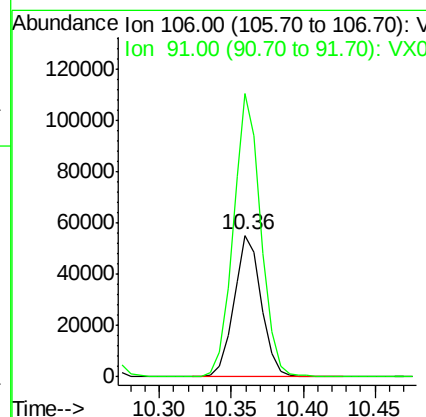
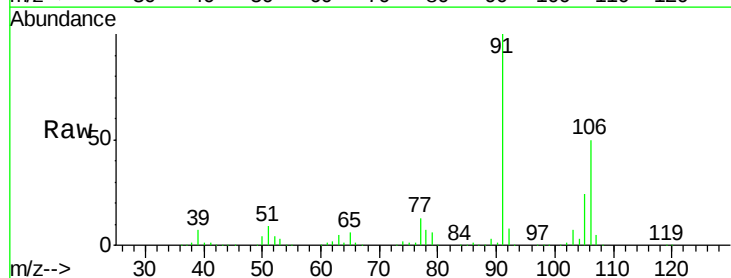
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

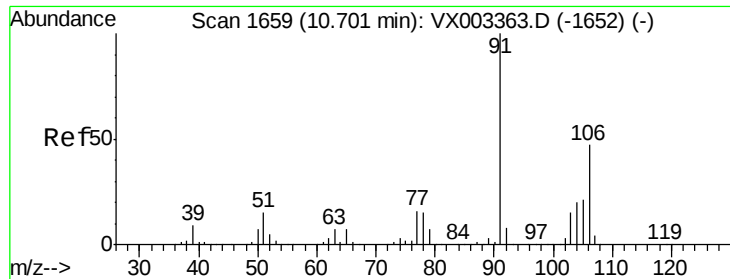
Tgt Ion: 91 Resp: 96267
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 10.913 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 106 Resp: 73315
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2

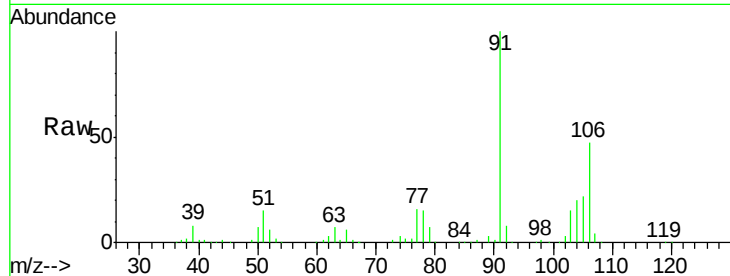




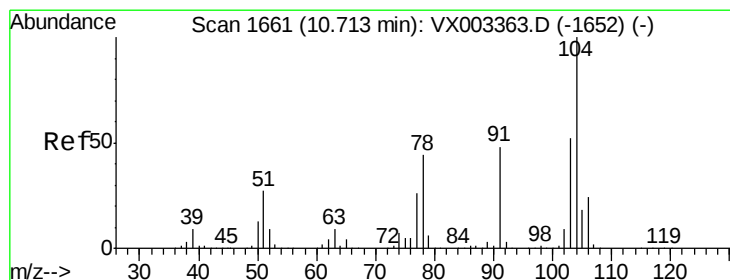
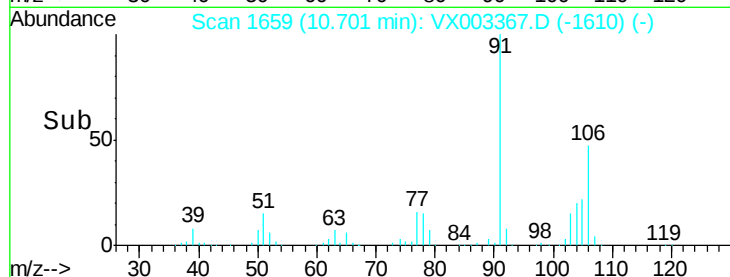
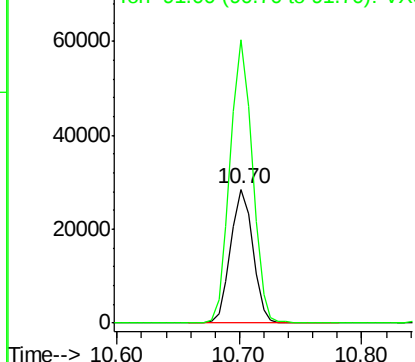
#69
o-Xylene
Concen: 5.481 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 35964
Ion Ratio Lower Upper
106 100
91 212.4 108.2 324.6

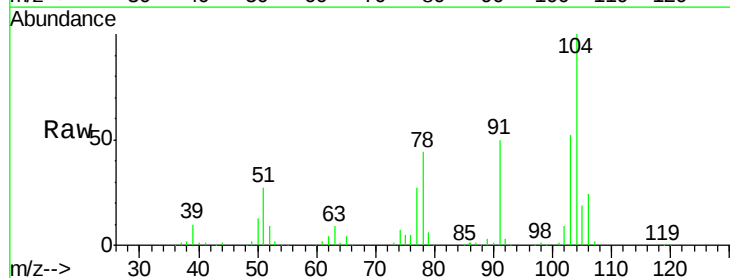


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

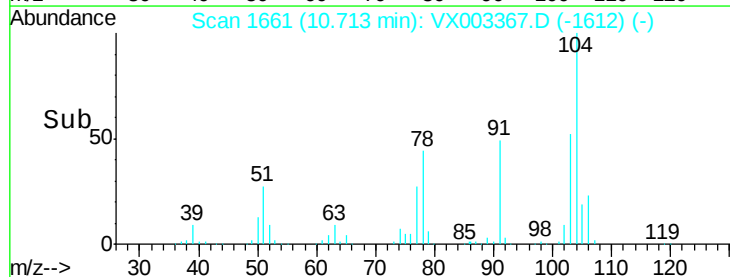
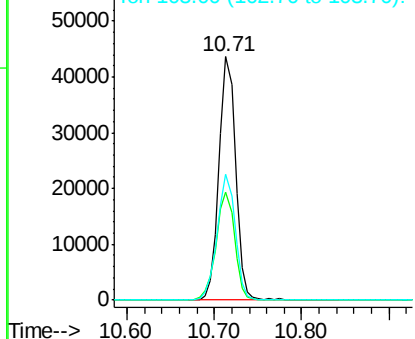


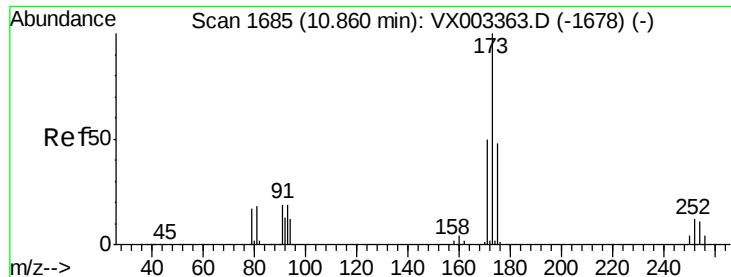
#70
Styrene
Concen: 5.221 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion:104 Resp: 57576
Ion Ratio Lower Upper
104 100
78 49.3 41.0 61.6
103 55.9 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.760 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

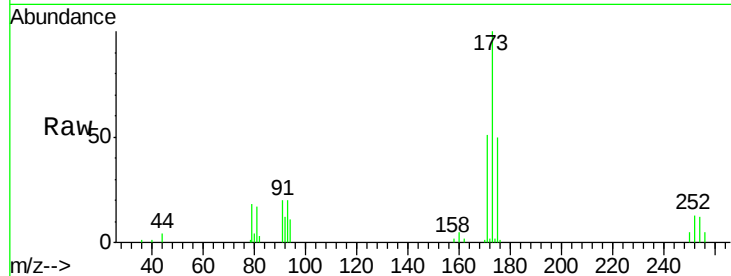
Tgt Ion:173 Resp: 13810

Ion Ratio Lower Upper

173 100

175 48.5 24.7 74.1

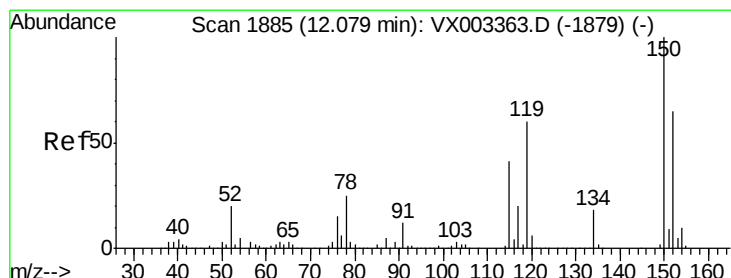
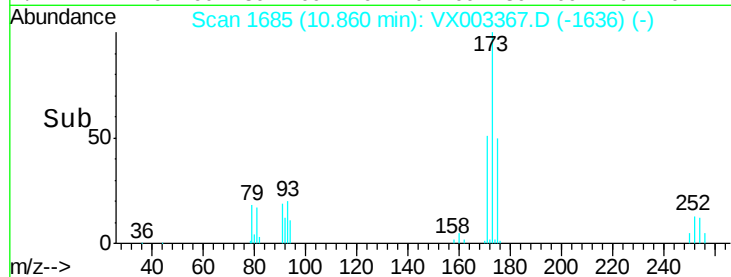
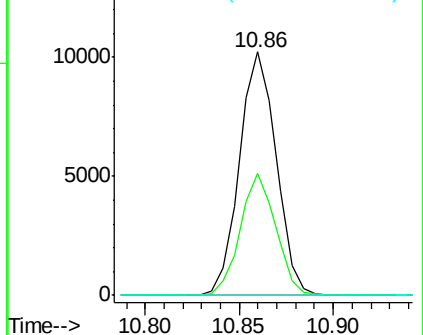
254 0.0 0.2 0.2#



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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

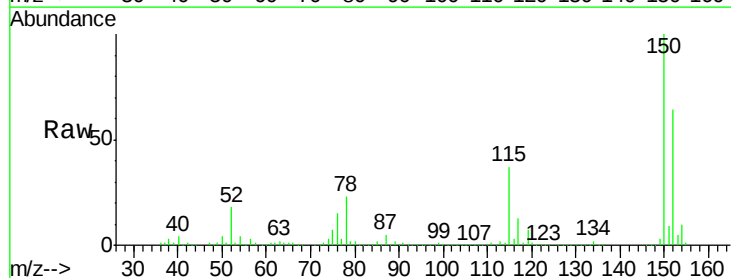
Tgt Ion:152 Resp: 241064

Ion Ratio Lower Upper

152 100

115 57.1 40.1 120.2

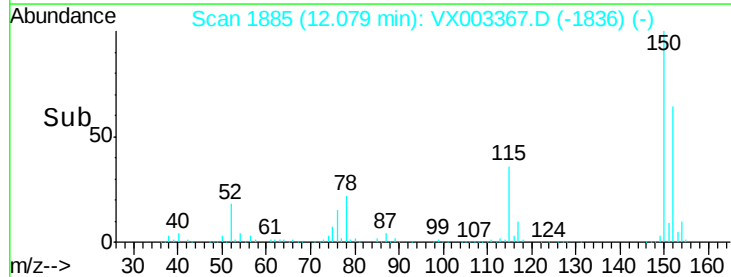
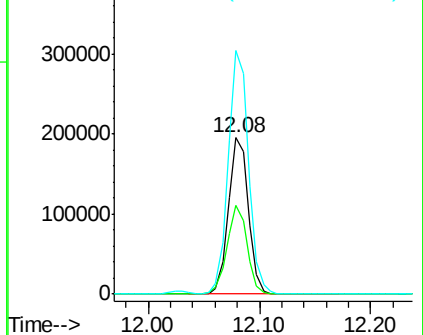
150 158.4 0.0 347.2

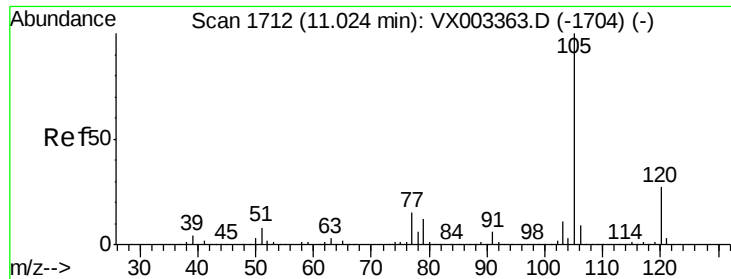


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.765 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

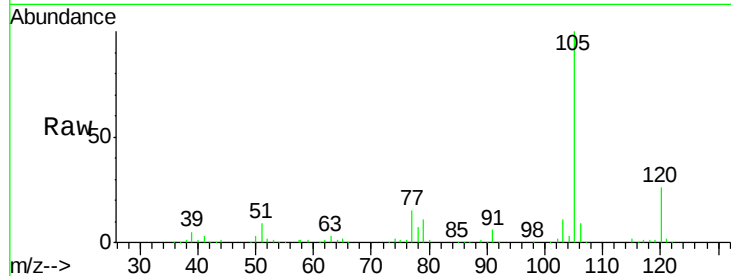
VSTDIC005

Tgt Ion:105 Resp: 96091

Ion Ratio Lower Upper

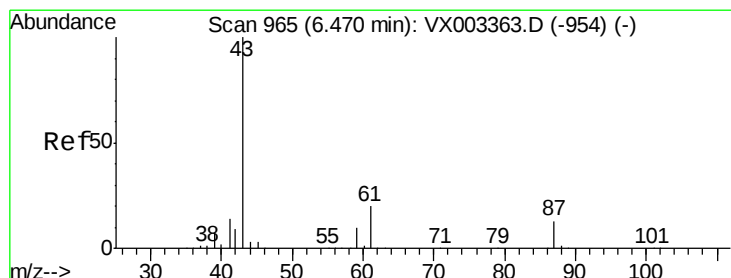
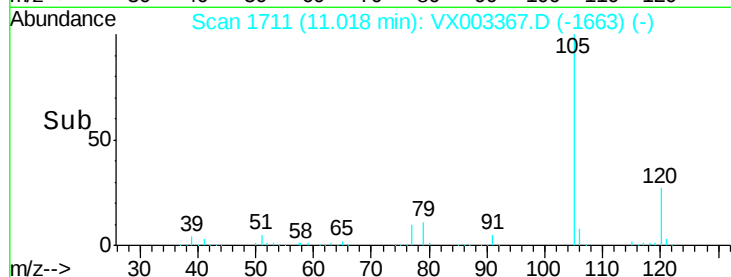
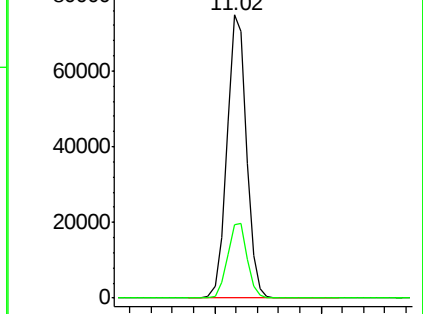
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.489 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Tgt Ion: 43 Resp: 42407

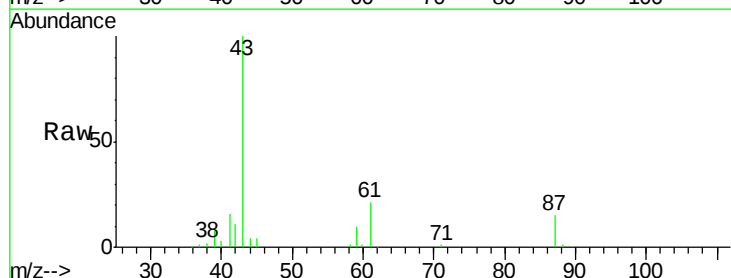
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.9 14.4 21.6

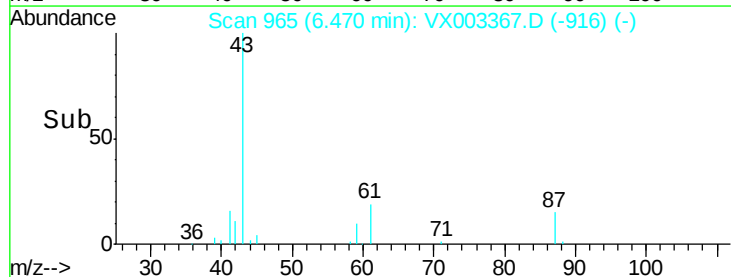
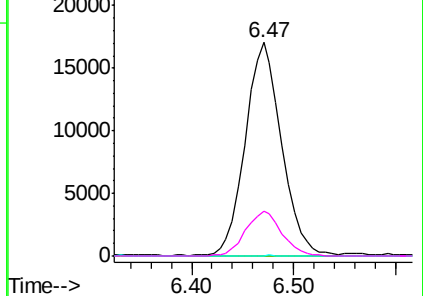


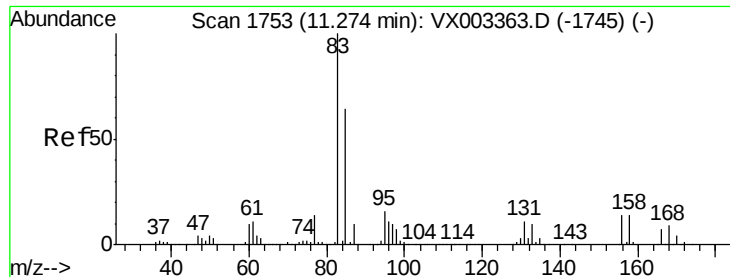
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 5.764 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

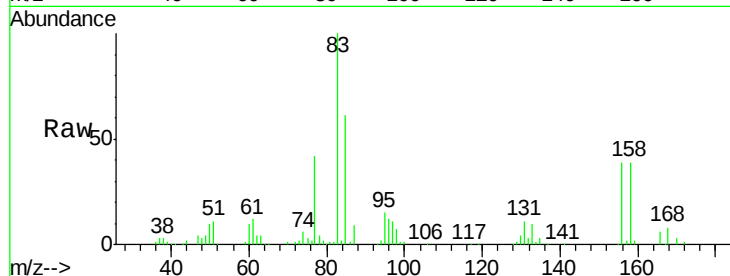
Tgt Ion: 83 Resp: 31363

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

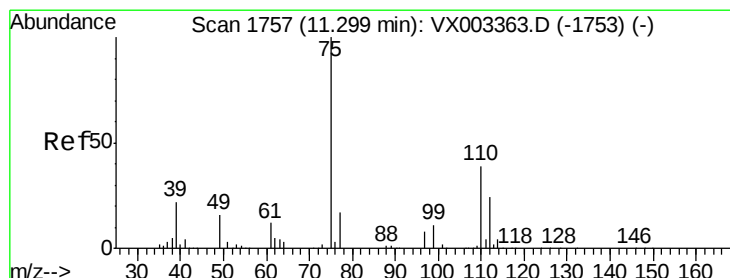
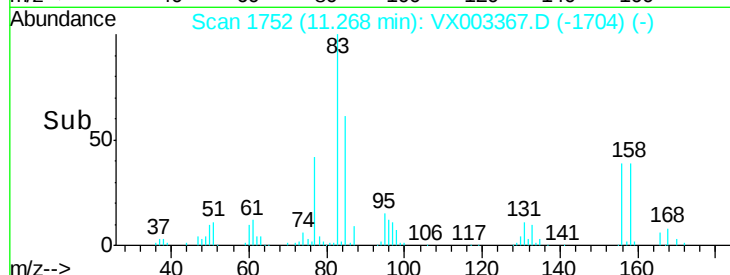
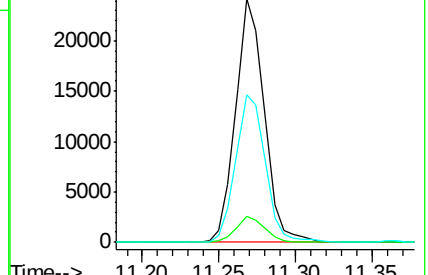
85 63.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.980 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003367.D

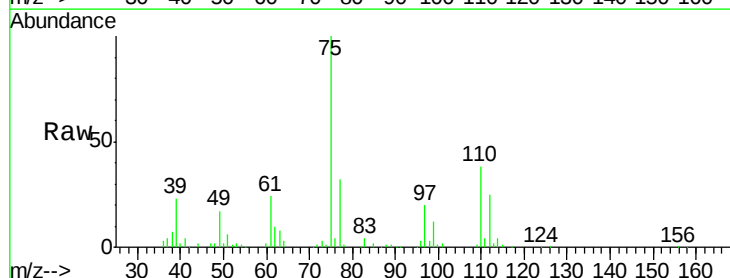
Acq: 13 Jul 2018 15:03

Tgt Ion: 75 Resp: 33242

Ion Ratio Lower Upper

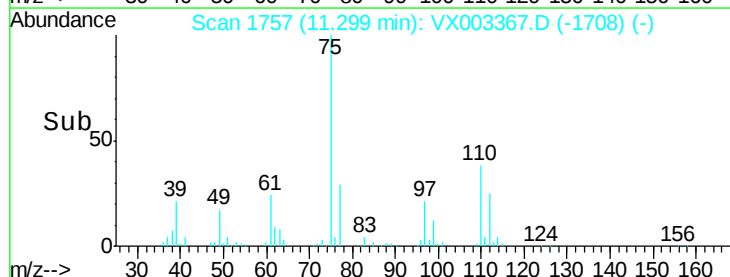
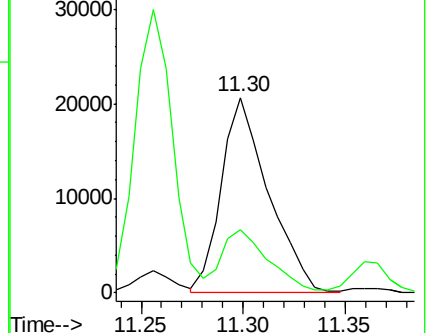
75 100

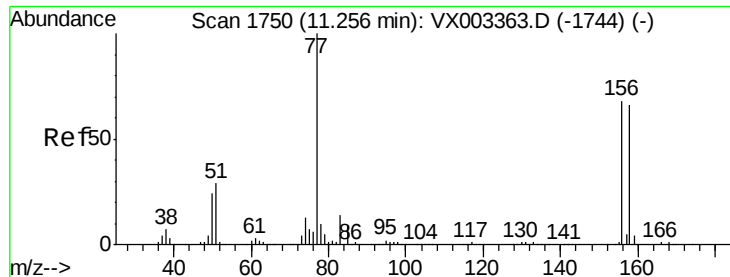
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.872 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

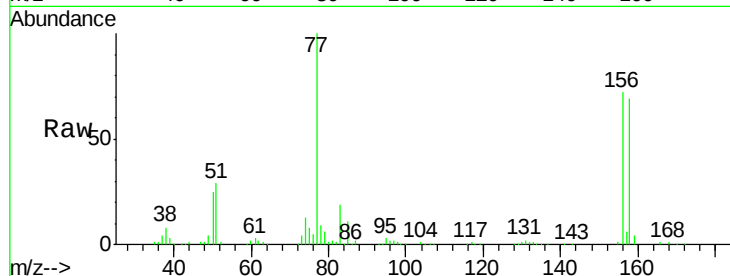
Tgt Ion:156 Resp: 27659

Ion Ratio Lower Upper

156 100

77 139.5 71.4 214.2

158 96.5 48.9 146.6

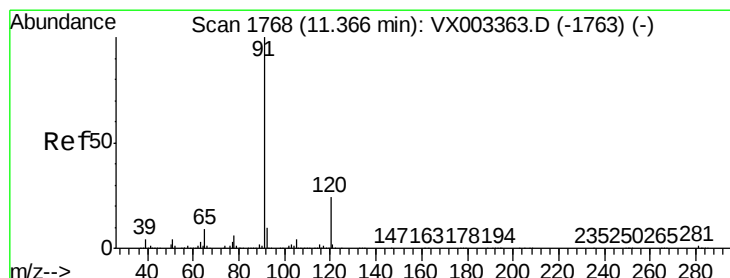
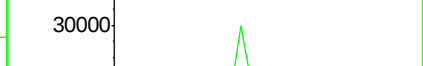
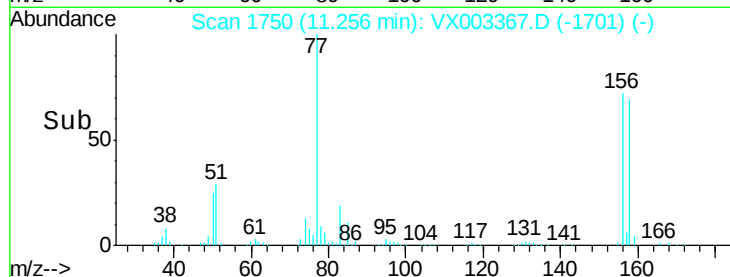


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->



#78

n-propylbenzene

Concen: 5.619 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003367.D

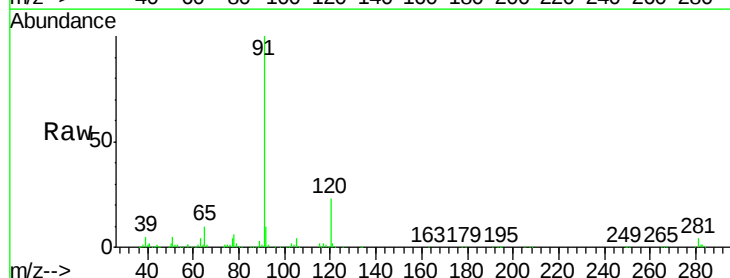
Acq: 13 Jul 2018 15:03

Tgt Ion: 91 Resp: 105874

Ion Ratio Lower Upper

91 100

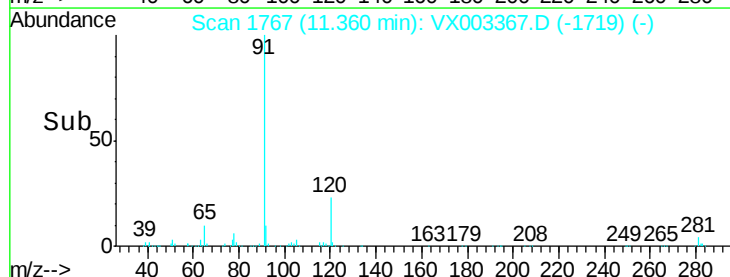
120 23.9 11.8 35.4

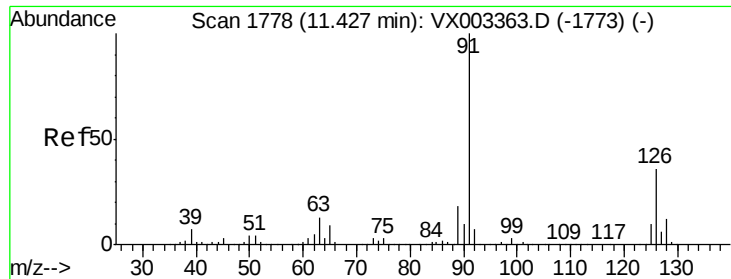


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->

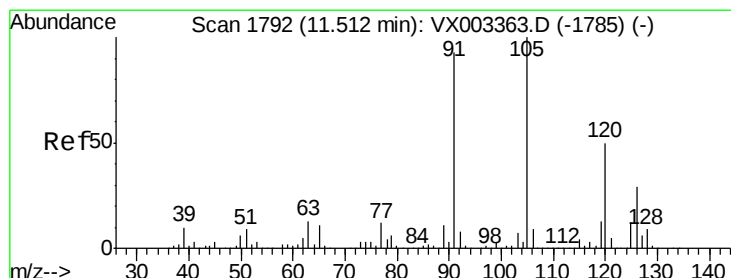
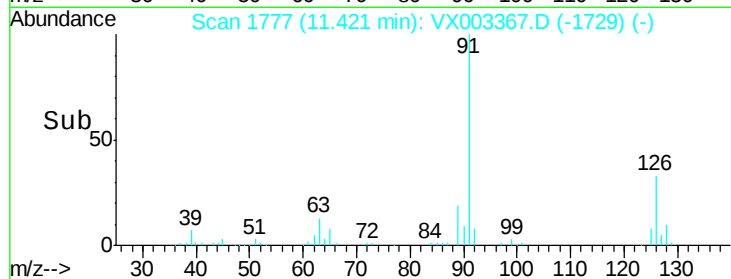
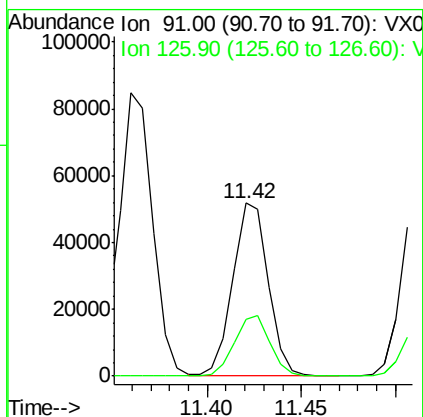
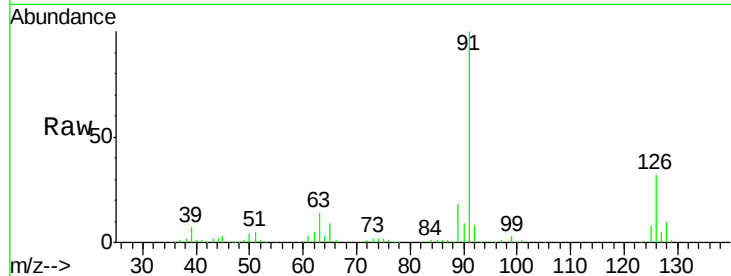




#79
 2-Chlorotoluene
 Concen: 5.786 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

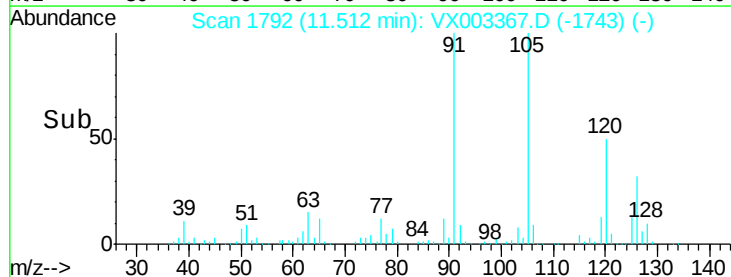
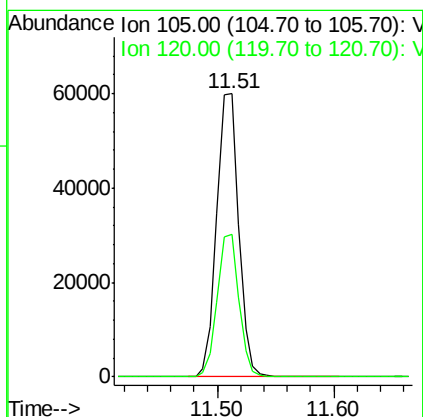
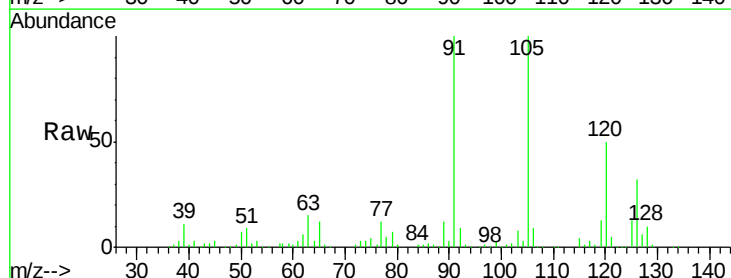
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

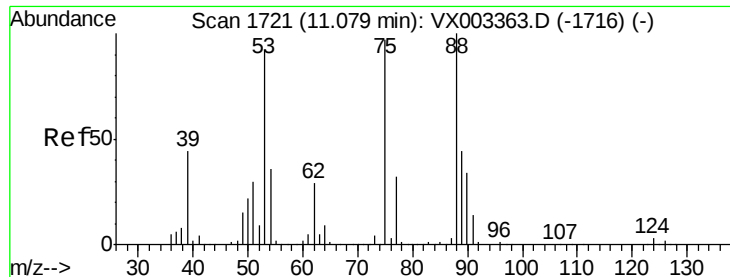
Tgt Ion: 91 Resp: 67338
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 5.662 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion: 105 Resp: 78208
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.728 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003367.D

Acq: 13 Jul 2018 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

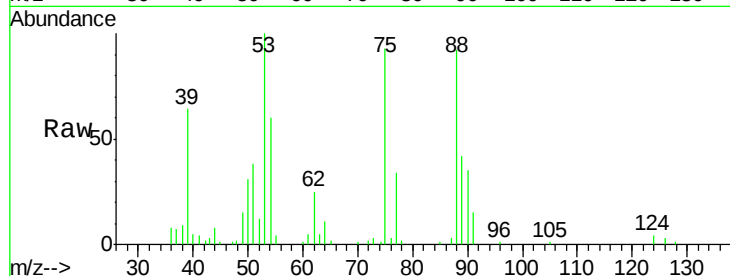
Tgt Ion: 75 Resp: 6753

Ion Ratio Lower Upper

75 100

53 115.6 86.8 130.2

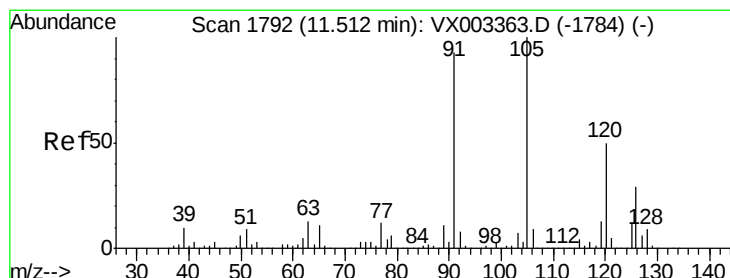
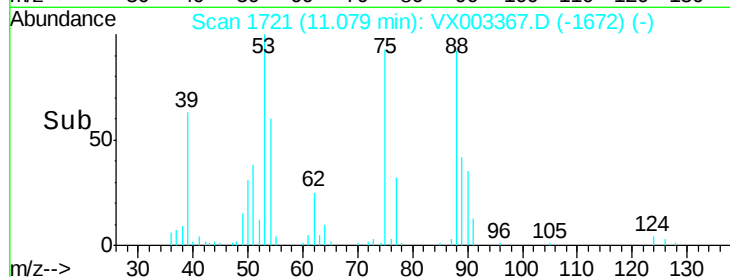
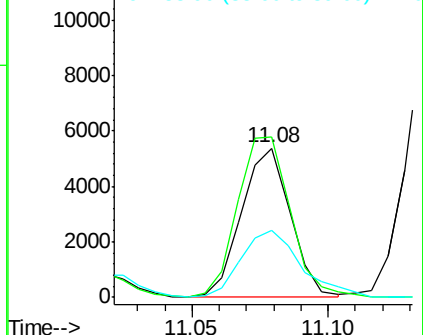
89 54.9 38.2 57.2



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: 5.702 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003367.D

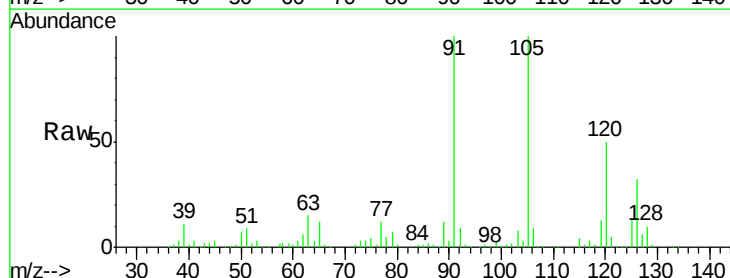
Acq: 13 Jul 2018 15:03

Tgt Ion: 91 Resp: 77310

Ion Ratio Lower Upper

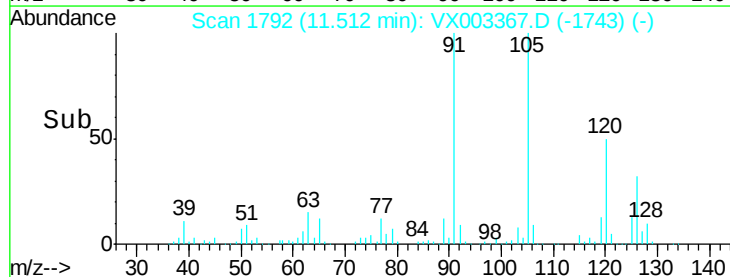
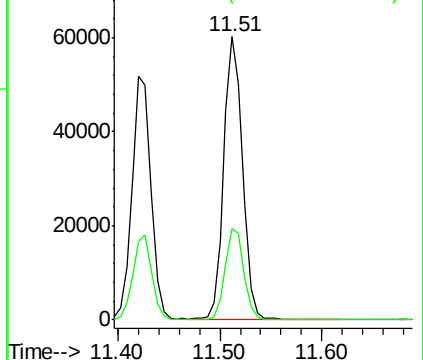
91 100

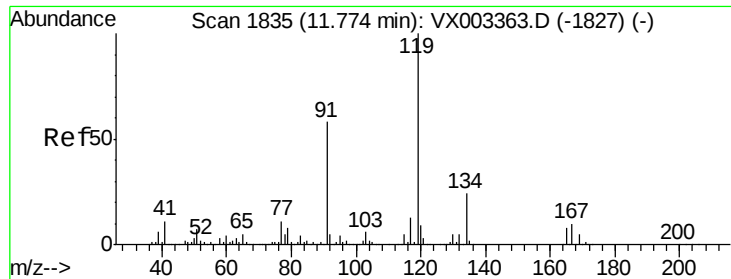
126 32.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

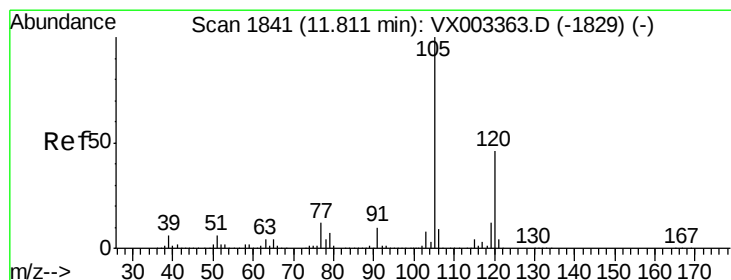
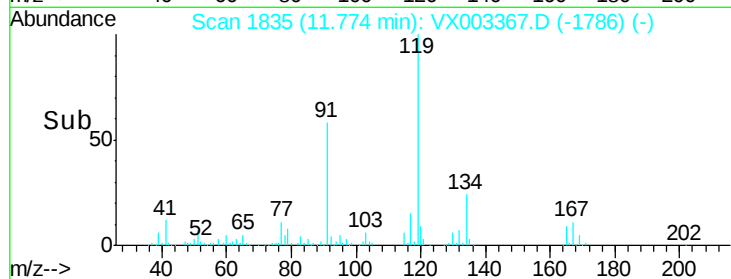
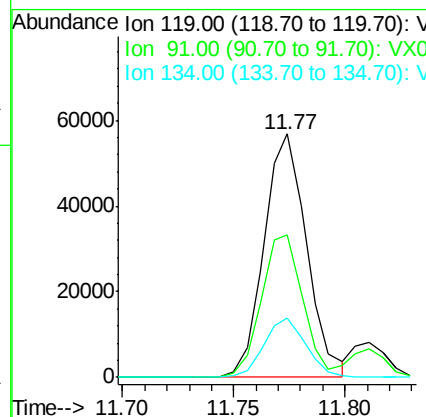
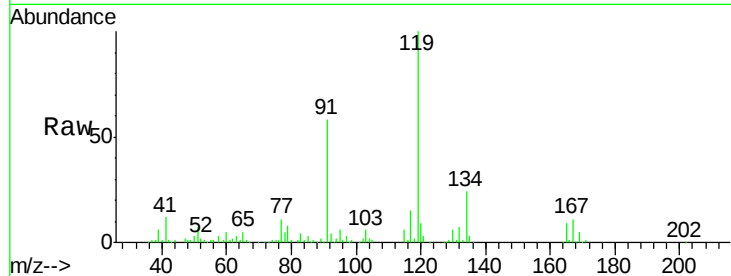




#83
 tert-Butylbenzene
 Concen: 5.518 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

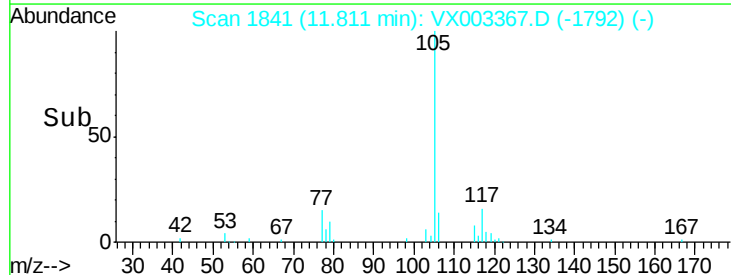
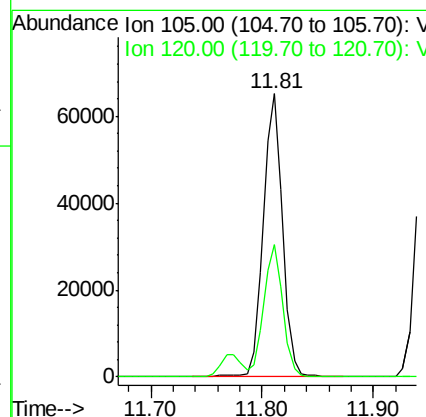
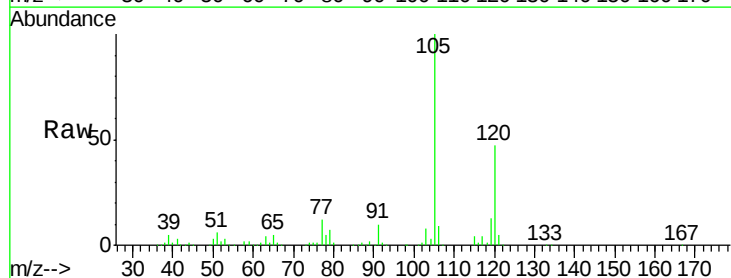
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

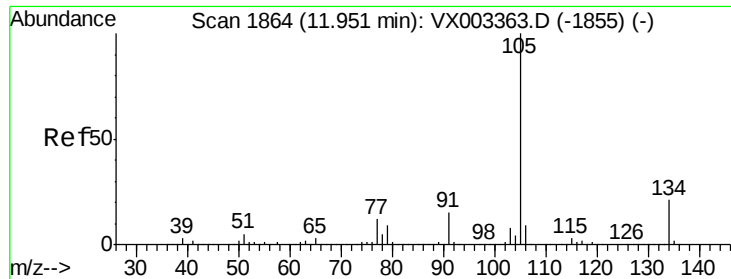
Tgt Ion:119 Resp: 75470
 Ion Ratio Lower Upper
 119 100
 91 56.8 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.640 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion:105 Resp: 79033
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8

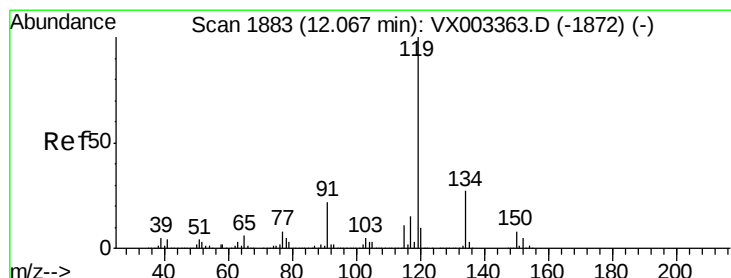
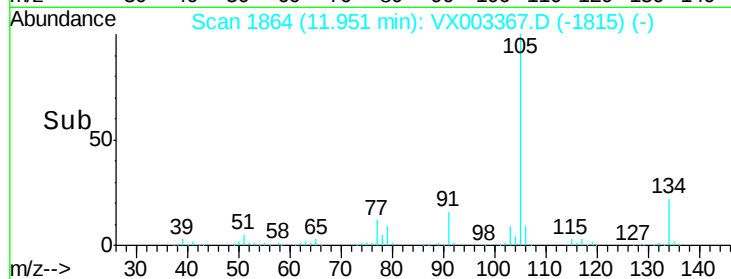
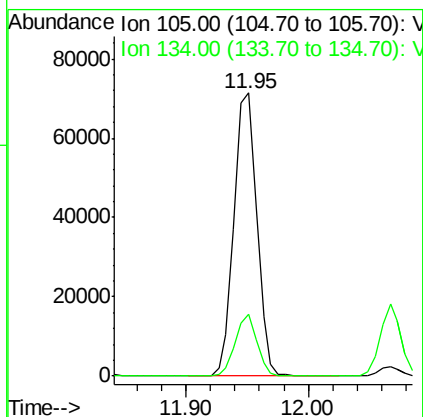
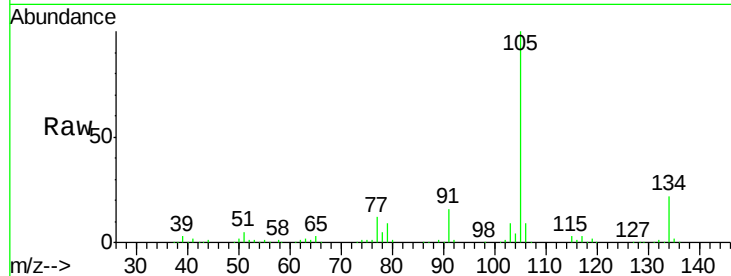




#85
 sec-Butylbenzene
 Concen: 5.644 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

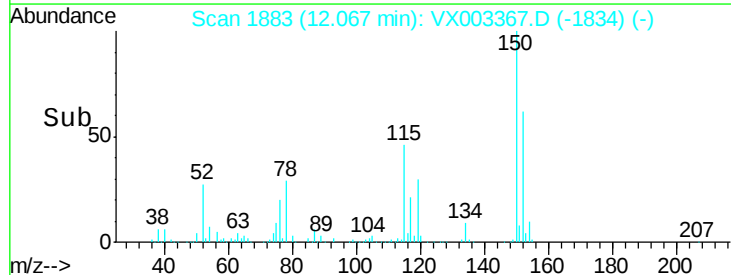
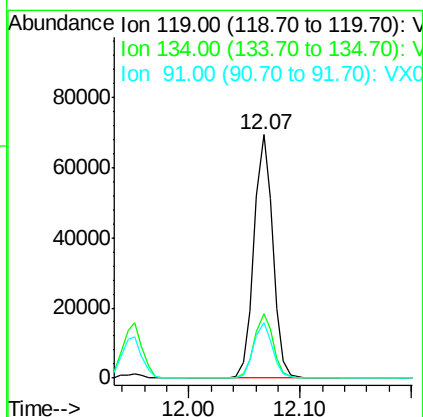
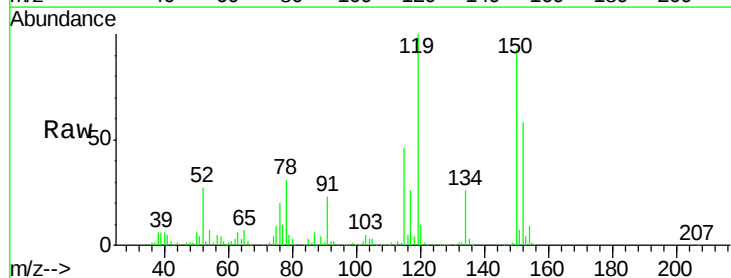
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

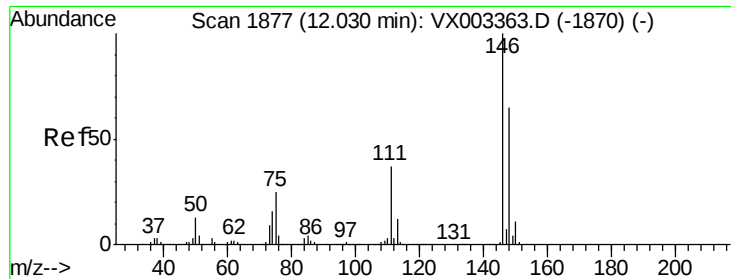
Tgt Ion:105 Resp: 92256
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 5.594 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion:119 Resp: 81813
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 23.0 11.9 35.7

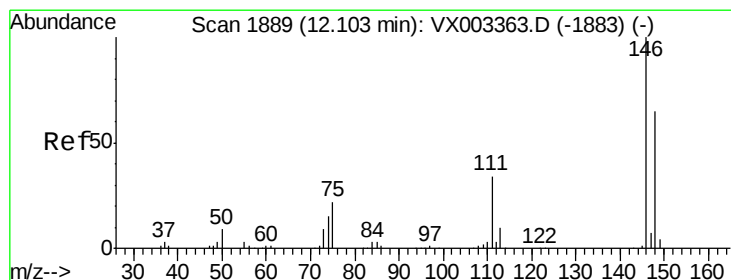
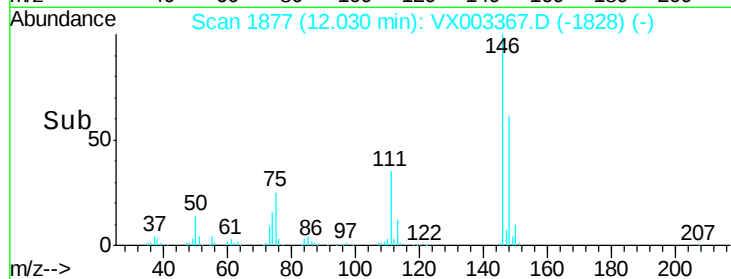
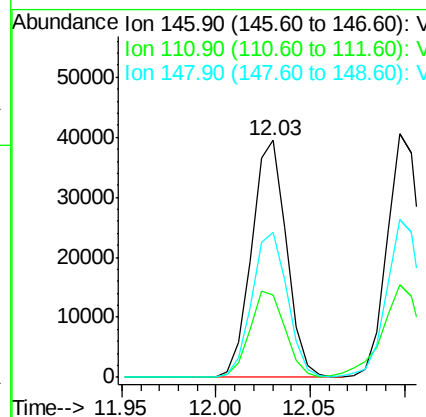
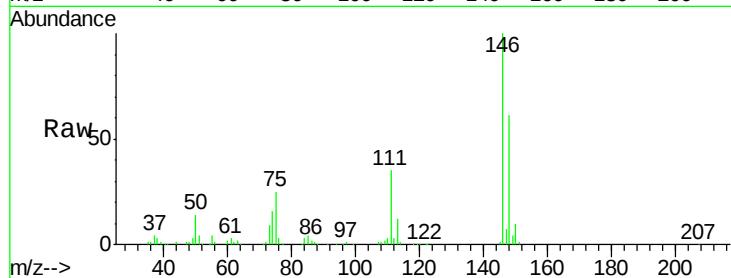




#87
 1,3-Dichlorobenzene
 Concen: 5.746 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

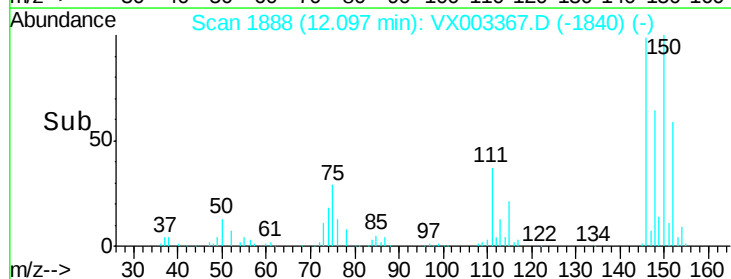
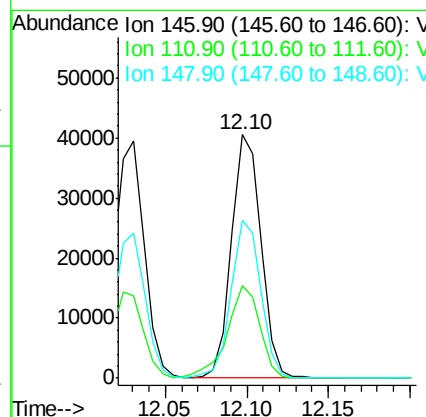
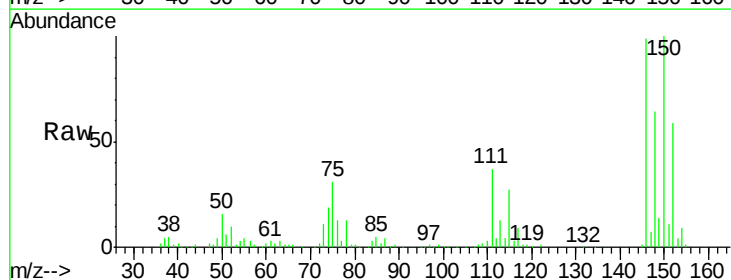
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

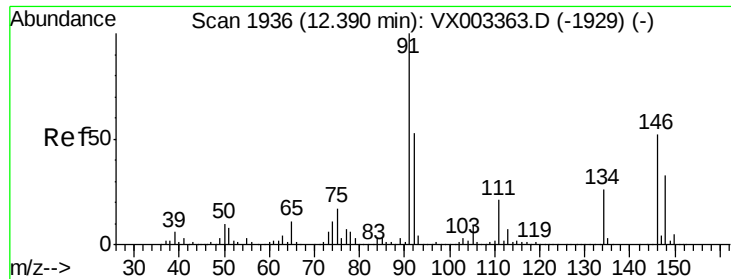
Tgt Ion:146 Resp: 50527
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.7
 148 62.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.728 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion:146 Resp: 51138
 Ion Ratio Lower Upper
 146 100
 111 42.0 18.7 56.1
 148 65.6 32.4 97.0

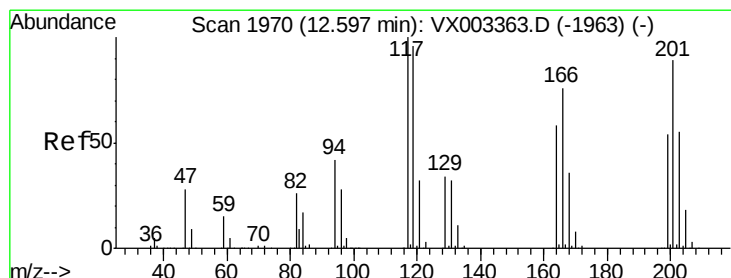
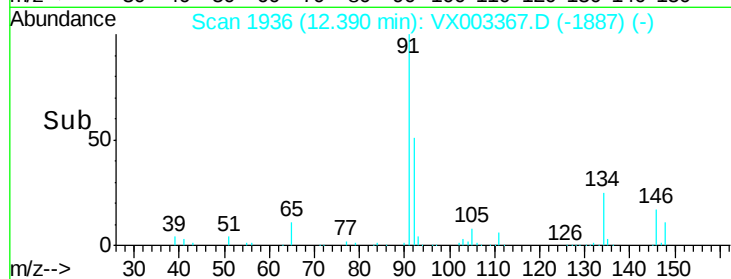
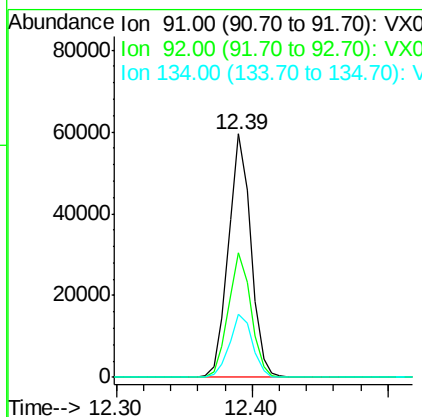
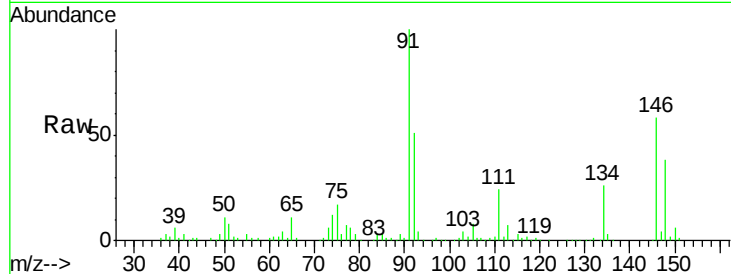




#89
n-Butylbenzene
Concen: 5.473 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

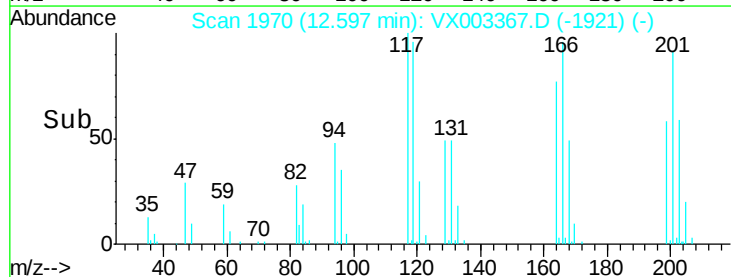
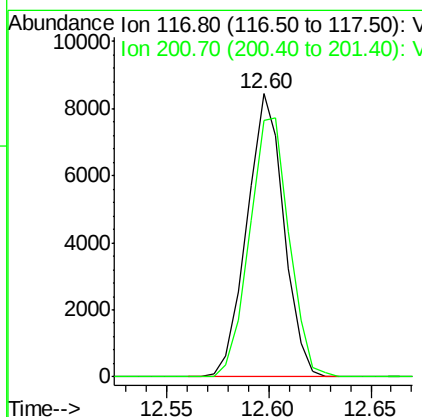
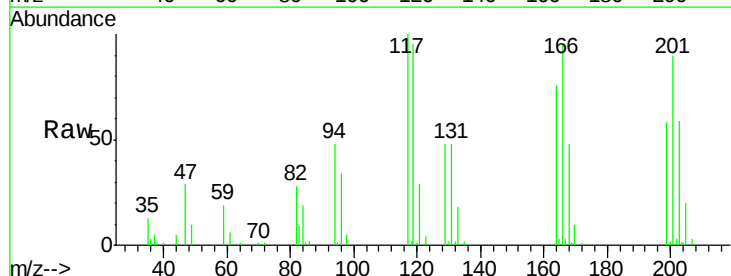
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

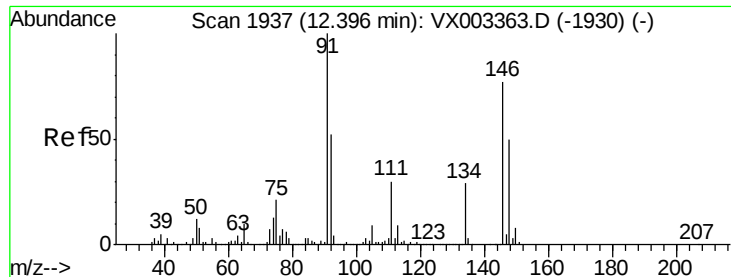
Tgt Ion: 91 Resp: 68482
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 26.4 13.5 40.5



#90
Hexachloroethane
Concen: 4.833 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion: 117 Resp: 10595
Ion Ratio Lower Upper
117 100
201 98.2 49.0 147.0

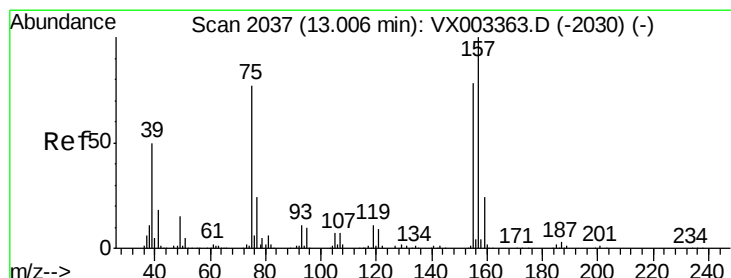
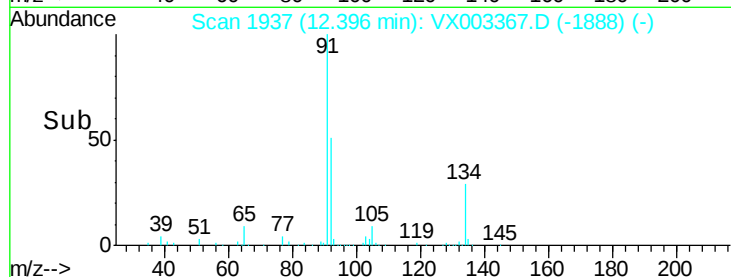
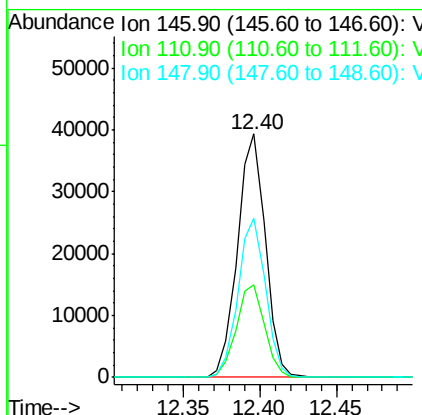
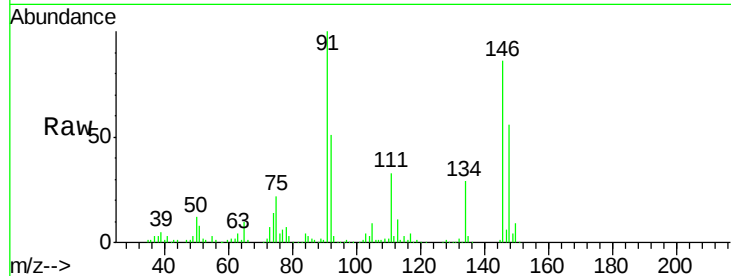




#91
 1,2-Dichlorobenzene
 Concen: 5.657 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

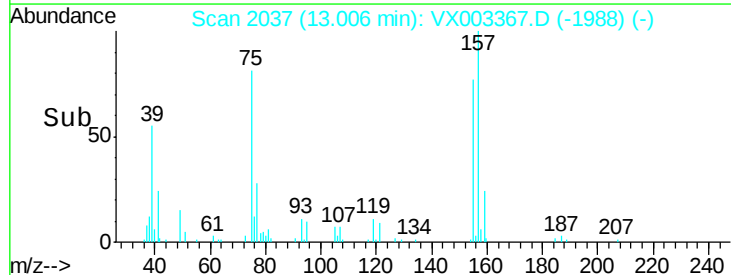
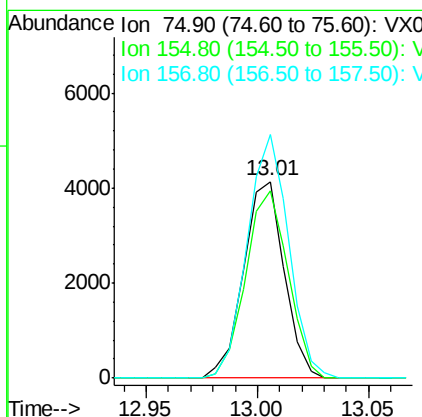
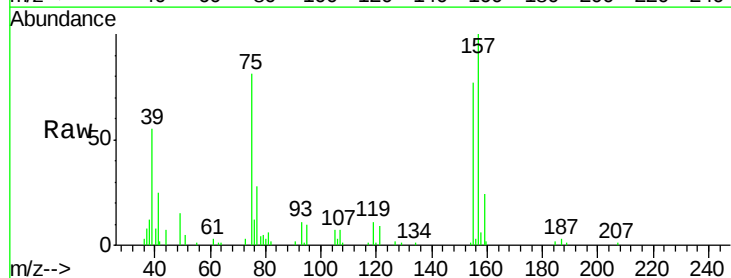
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

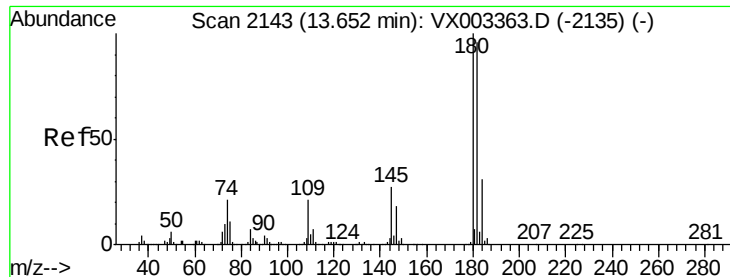
Tgt Ion:146 Resp: 49787
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.891 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion: 75 Resp: 5277
 Ion Ratio Lower Upper
 75 100
 155 99.0 45.8 137.4
 157 125.6 60.1 180.3

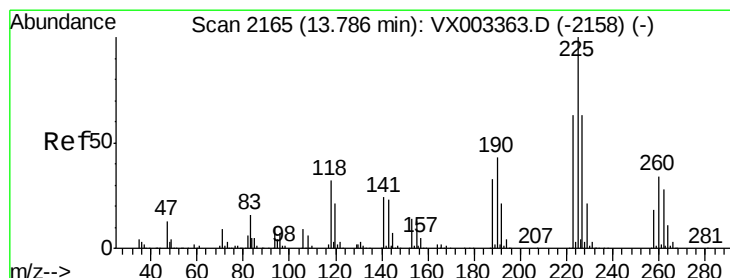
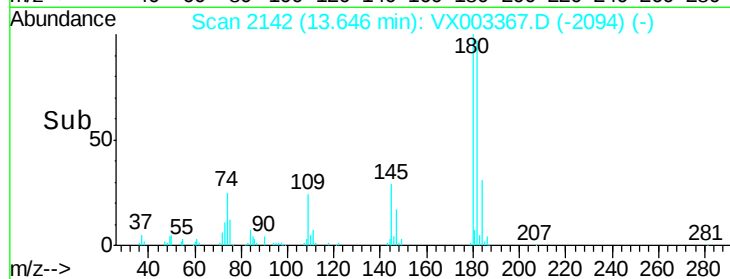
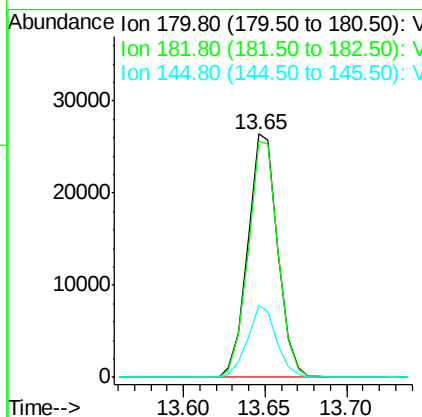
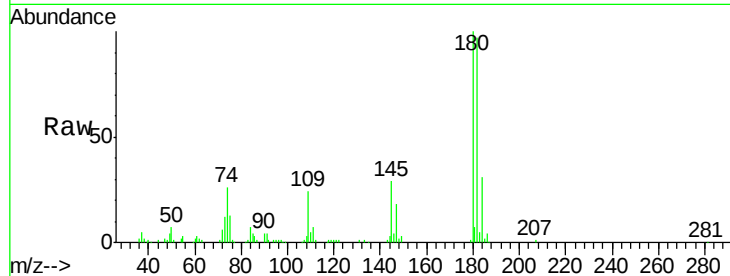




#93
 1,2,4-Trichlorobenzene
 Concen: 5.619 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

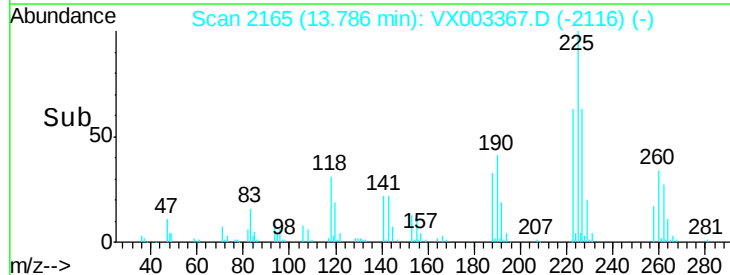
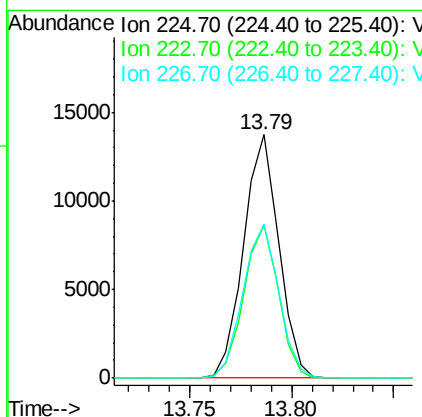
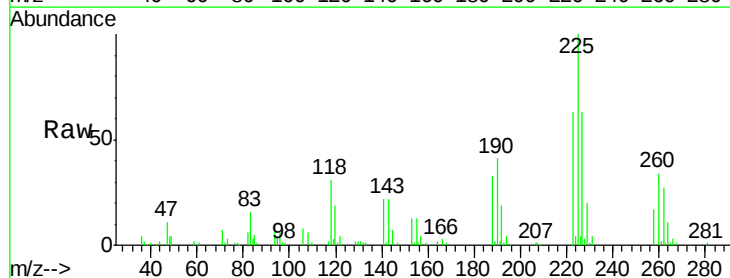
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

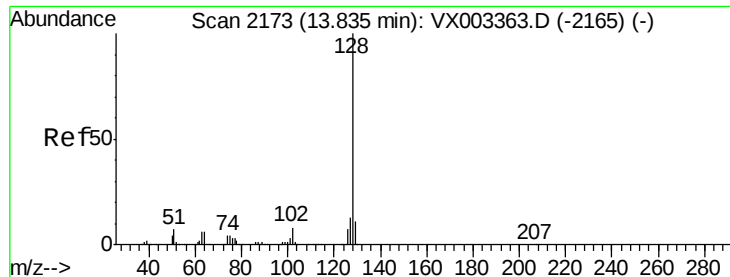
Tgt Ion:180 Resp: 33826
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.7 143.1
 145 28.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 5.813 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003367.D
 Acq: 13 Jul 2018 15:03

Tgt Ion:225 Resp: 16514
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.6 95.0
 227 64.5 32.4 97.2

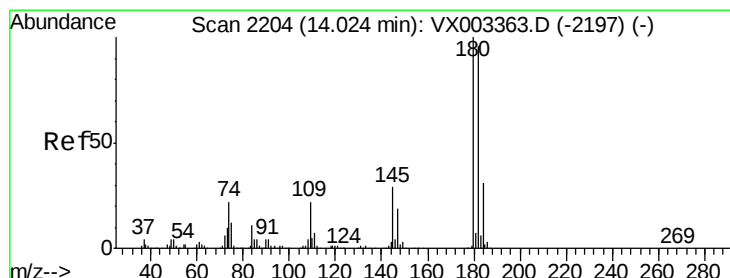
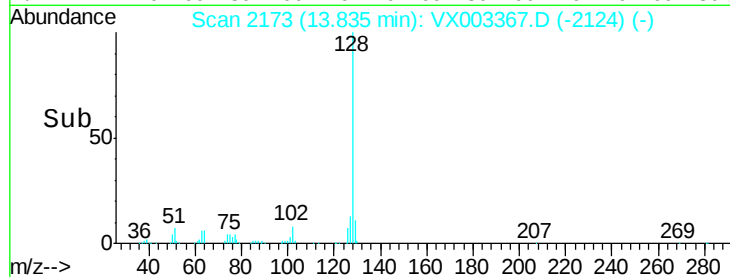
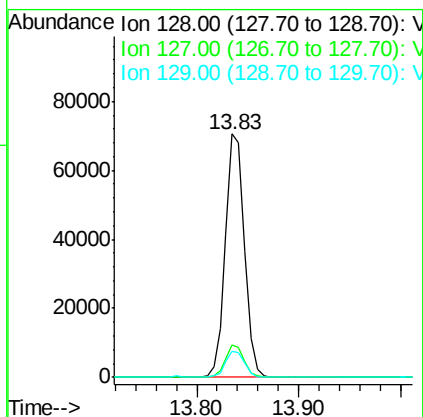
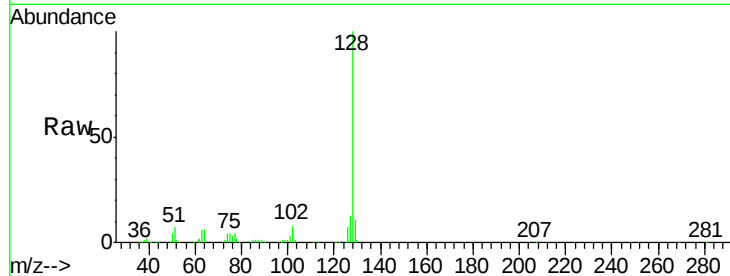




#95
Naphthalene
Concen: 5.427 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 91570
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.628 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003367.D
Acq: 13 Jul 2018 15:03

Tgt Ion:180 Resp: 34196
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 29.3 14.8 44.3

