

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
 Data File : VX003360.D
 Acq On : 13 Jul 2018 11:33
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 14 01:15:34 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	268777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202793	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	6327	-0.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	-0.28%	
35) Dibromofluoromethane	5.50	113	5220	1.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.76%	
50) Toluene-d8	8.72	98	14746	-0.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	-0.44%	
62) 4-Bromofluorobenzene	11.14	95	4478	1.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	4251	Below Cal		96
4) Vinyl Chloride	1.40	62	4052	1.168	ug/l	95
5) Bromomethane	1.64	94	3599	1.833	ug/l	97
6) Chloroethane	1.73	64	2772	Below Cal		93
7) Trichlorofluoromethane	1.93	101	5800	1.160	ug/l	97
8) Diethyl Ether	2.19	74	2522	1.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3783	1.177	ug/l	99
10) Methyl Iodide	2.51	142	3310	1.014	ug/l	96
11) Tert butyl alcohol	3.07	59	5560	7.134	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3624	1.214	ug/l	85
13) Acrolein	2.29	56	2440	Below Cal		88
14) Allyl chloride	2.73	41	6732	1.176	ug/l	88
15) Acrylonitrile	3.15	53	11349	5.832	ug/l	99
16) Acetone	2.45	43	8812	5.841	ug/l #	85
17) Carbon Disulfide	2.57	76	9084	1.240	ug/l	96
18) Methyl Acetate	2.78	43	5154	1.100	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	11795	1.105	ug/l	98
20) Methylene Chloride	2.86	84	4862	0.201	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	3676	1.154	ug/l	91
22) Diisopropyl ether	3.87	45	12801	1.201	ug/l	96
23) Vinyl Acetate	3.82	43	50335	5.782	ug/l	98
24) 1,1-Dichloroethane	3.70	63	6966	1.153	ug/l #	91
25) 2-Butanone	4.71	43	13253	5.667	ug/l	95
26) 2,2-Dichloropropane	4.58	77	4832	1.130	ug/l	84
27) cis-1,2-Dichloroethene	4.59	96	3756	1.073	ug/l #	1
28) Bromochloromethane	5.01	49	2911	1.058	ug/l #	88
29) Tetrahydrofuran	5.17	42	8271	5.537	ug/l	95
30) Chloroform	5.21	83	6372	1.101	ug/l	98
31) Cyclohexane	5.57	56	4846	1.048	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	5193	1.077	ug/l #	52
36) 1,1-Dichloropropene	5.79	75	4396	1.095	ug/l	96
37) Ethyl Acetate	4.87	43	5037	1.145	ug/l #	79
38) Carbon Tetrachloride	5.78	117	4331	1.058	ug/l	97
39) Methylcyclohexane	7.46	83	4589	1.010	ug/l	96

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 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)
40) Benzene	6.15	78	13993	1.113	ug/l	96
41) Methacrylonitrile	5.06	41	2761	1.096	ug/l	91
42) 1,2-Dichloroethane	6.20	62	5076	1.156	ug/l	98
43) Isopropyl Acetate	6.48	43	7258	1.053	ug/l	94
44) Trichloroethene	7.21	130	3975	1.116	ug/l	86
45) 1,2-Dichloropropane	7.52	63	3483	1.044	ug/l	97
46) Dibromomethane	7.67	93	2238	1.044	ug/l	96
47) Bromodichloromethane	7.90	83	4051	1.002	ug/l	95
48) Methyl methacrylate	7.79	41	3659	1.040	ug/l	93
49) 1,4-Dioxane	7.76	88	1490	19.406	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	21949	4.871	ug/l	97
52) Toluene	8.79	92	8462	1.062	ug/l	93
53) t-1,3-Dichloropropene	8.44	75	4303	0.906	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	3860	0.890	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	3451	1.038	ug/l	93
56) Ethyl methacrylate	9.18	69	4197	0.884	ug/l	92
57) 1,3-Dichloropropane	9.37	76	5594	1.038	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	9637	4.175	ug/l	98
59) 2-Hexanone	9.50	43	15049	4.528	ug/l	98
60) Dibromochloromethane	9.59	129	2875	0.891	ug/l	99
61) 1,2-Dibromoethane	9.68	107	3334	0.994	ug/l	97
64) Tetrachloroethene	9.34	164	4252	1.122	ug/l	95
65) Chlorobenzene	10.14	112	9756	1.086	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	3086	0.971	ug/l #	66
67) Ethyl Benzene	10.26	91	14299	0.978	ug/l	95
68) m/p-Xylenes	10.36	106	10576	1.877	ug/l	100
69) o-Xylene	10.70	106	4966	0.902	ug/l	92
70) Styrene	10.71	104	8282	0.896	ug/l	95
71) Bromoform	10.86	173	2022	0.831	ug/l #	95
73) Isopropylbenzene	11.02	105	13229	0.943	ug/l	100
74) N-amyl acetate	6.48	43	7258	1.117	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	4624	1.010	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	5060	1.263	ug/l	84
77) Bromobenzene	11.26	156	4032	1.018	ug/l	99
78) n-propylbenzene	11.36	91	14879	0.939	ug/l	97
79) 2-Chlorotoluene	11.42	91	10174	1.039	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	10380	0.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	999	0.831	ug/l	90
82) 4-Chlorotoluene	11.51	91	11183	0.980	ug/l	99
83) tert-Butylbenzene	11.77	119	10871	0.945	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	10150	0.861	ug/l	95
85) sec-Butylbenzene	11.95	105	12665	0.921	ug/l	100
86) p-Isopropyltoluene	12.07	119	11085	0.901	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	8174	1.105	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	8174	1.088	ug/l	99
89) n-Butylbenzene	12.39	91	9861	0.937	ug/l	100
90) Hexachloroethane	12.60	117	1808	0.980	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	7993	1.080	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	894	0.985	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	4963	0.980	ug/l	99

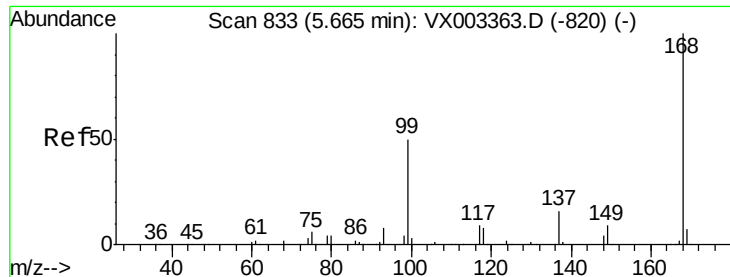
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
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MSVOA_X
ClientSampleId :
VSTDICC001

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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)
94) Hexachlorobutadiene	13.79	225	2511	1.051	ug/l	96
95) Naphthalene	13.83	128	11760	0.828	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	4849	0.949	ug/l	99

(#) = 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: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

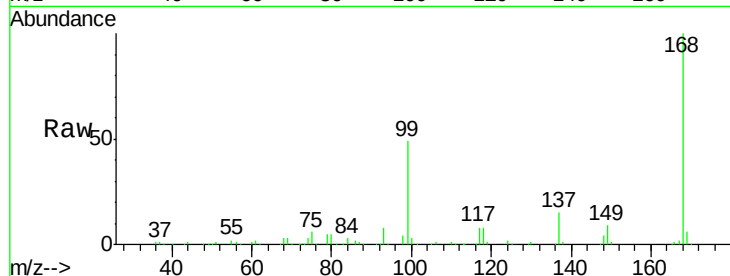
VSTDIC001

Tgt Ion:168 Resp: 268777

Ion Ratio Lower Upper

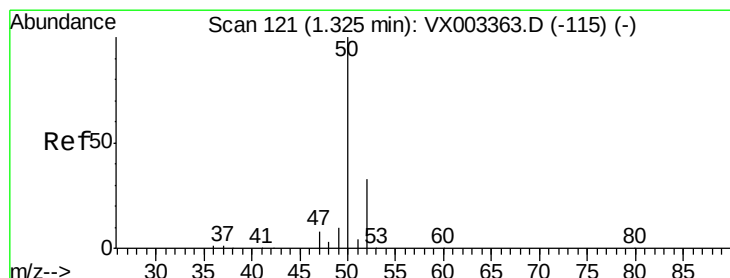
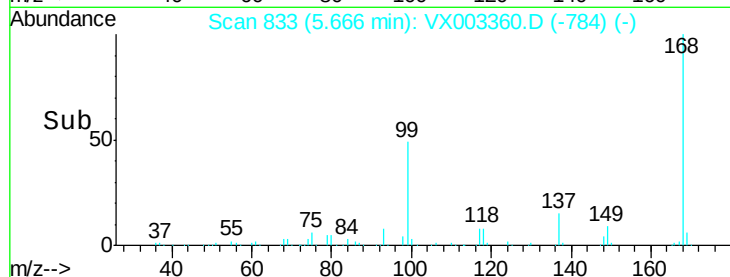
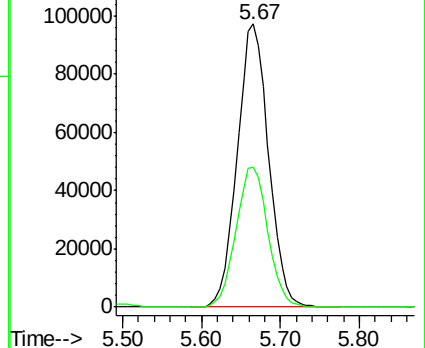
168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003360.D

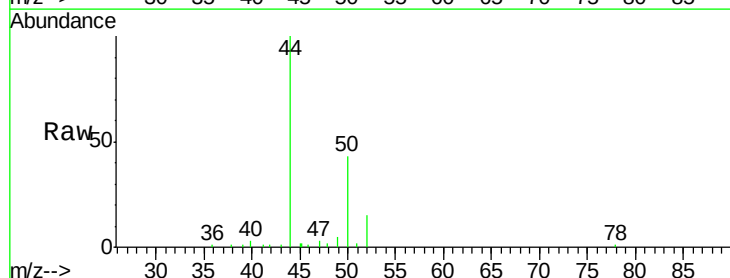
Acq: 13 Jul 2018 11:33

Tgt Ion: 50 Resp: 4251

Ion Ratio Lower Upper

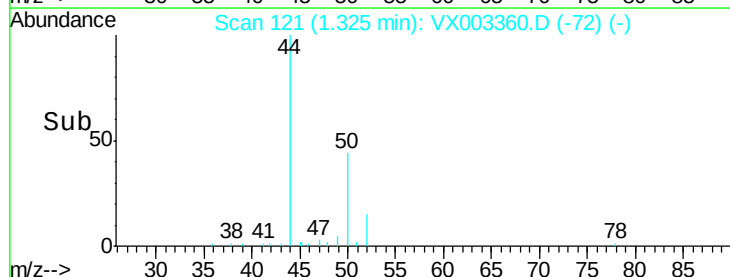
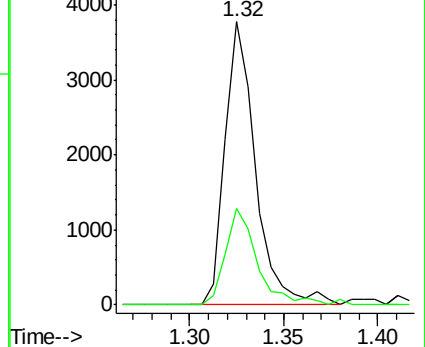
50 100

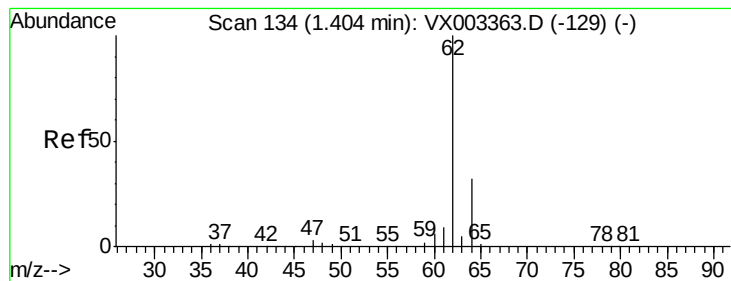
52 34.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 1.168 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

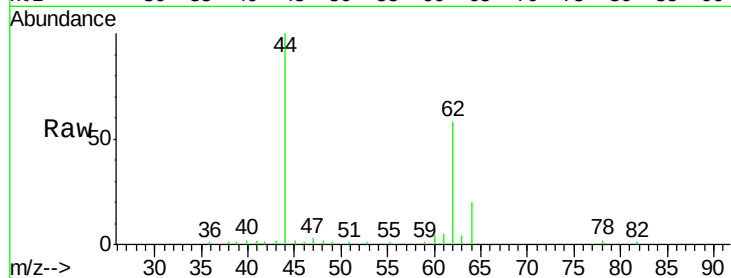
VSTDIC001

Tgt Ion: 62 Resp: 4052

Ion Ratio Lower Upper

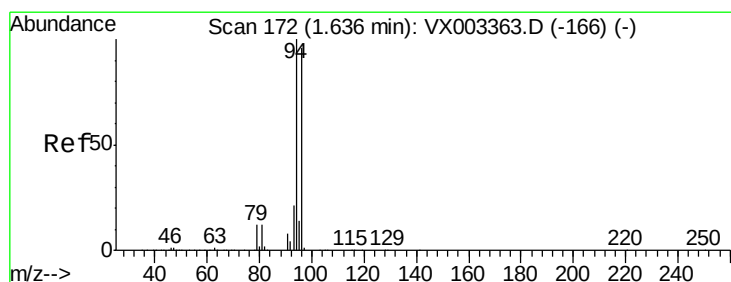
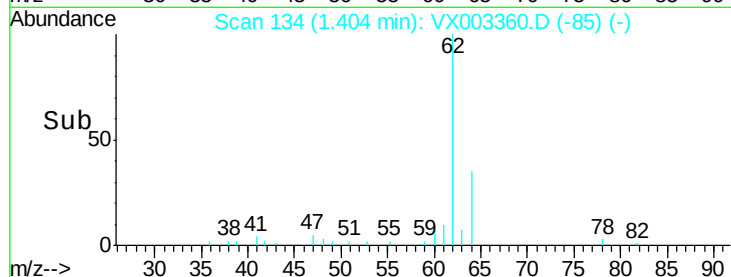
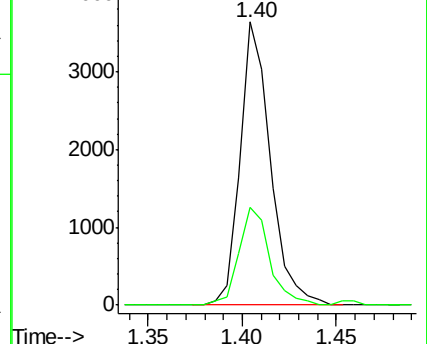
62 100

64 34.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 1.833 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003360.D

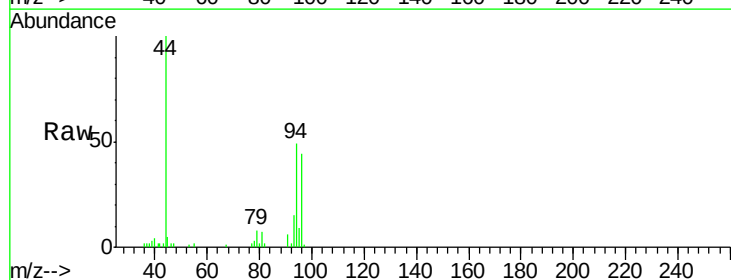
Acq: 13 Jul 2018 11:33

Tgt Ion: 94 Resp: 3599

Ion Ratio Lower Upper

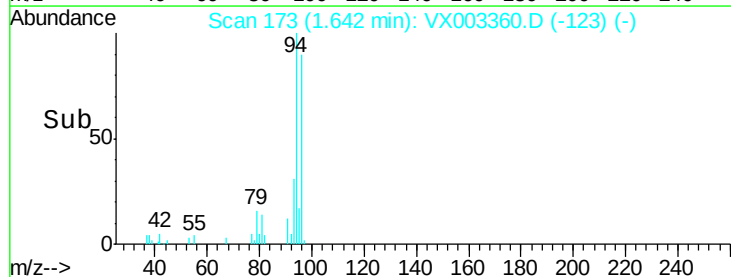
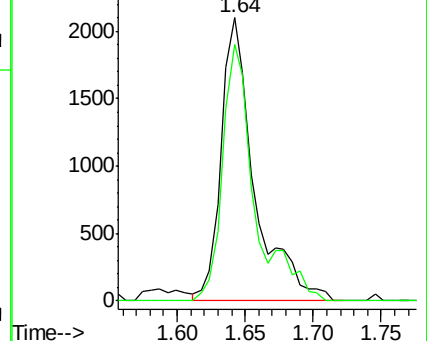
94 100

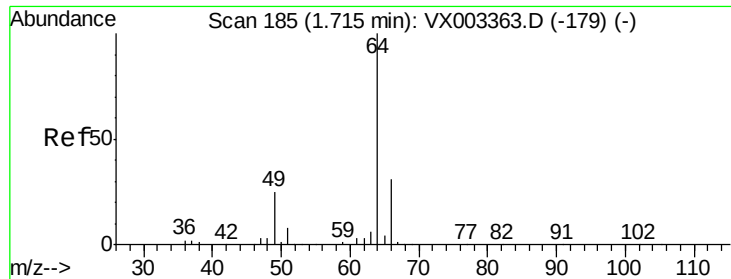
96 90.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

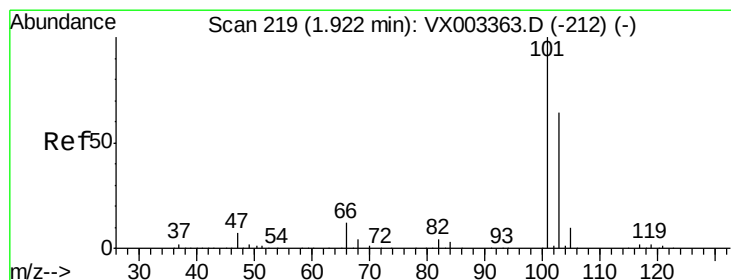
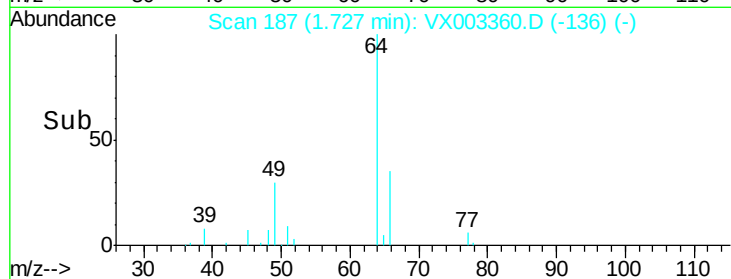
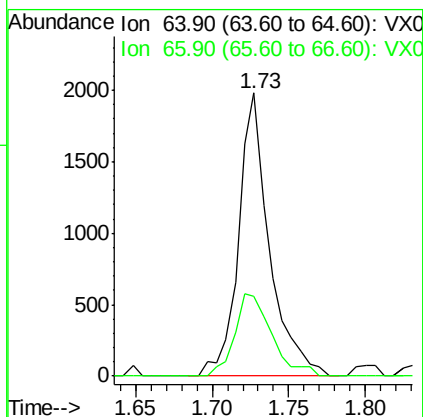
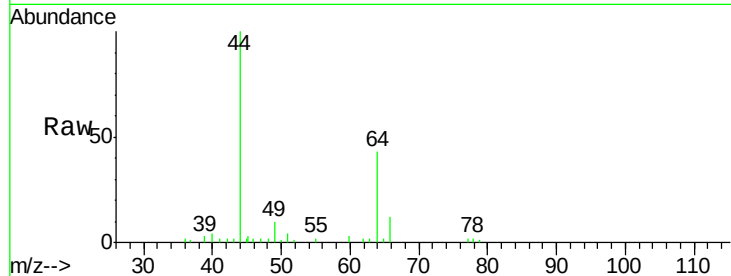
VSTDIC001

Tgt Ion: 64 Resp: 2772

Ion Ratio Lower Upper

64 100

66 28.0 25.5 38.3



#7

Trichlorofluoromethane

Concen: 1.160 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX003360.D

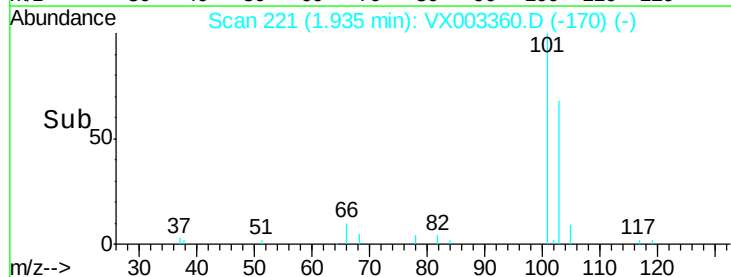
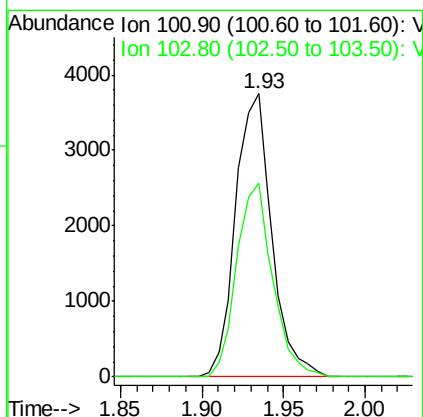
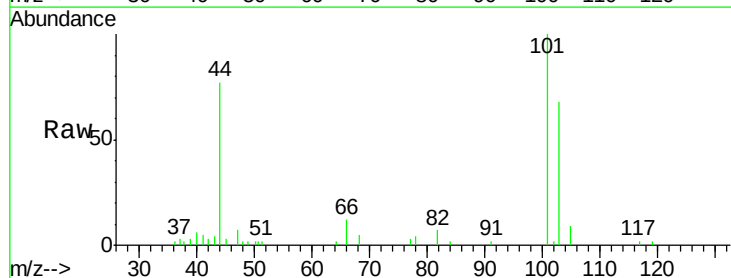
Acq: 13 Jul 2018 11:33

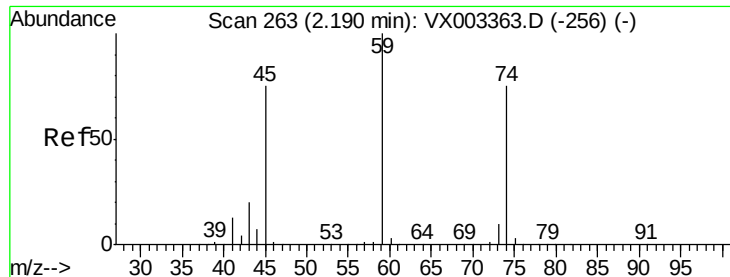
Tgt Ion: 101 Resp: 5800

Ion Ratio Lower Upper

101 100

103 68.3 52.8 79.2





#8

Diethyl Ether

Concen: 1.139 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

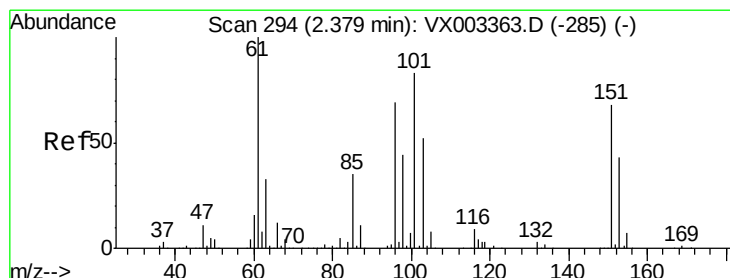
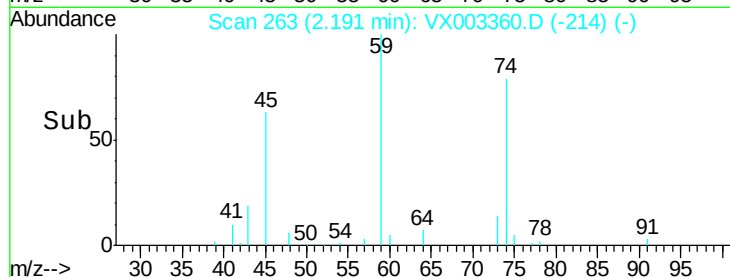
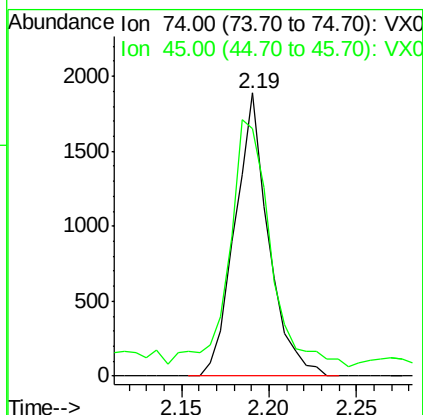
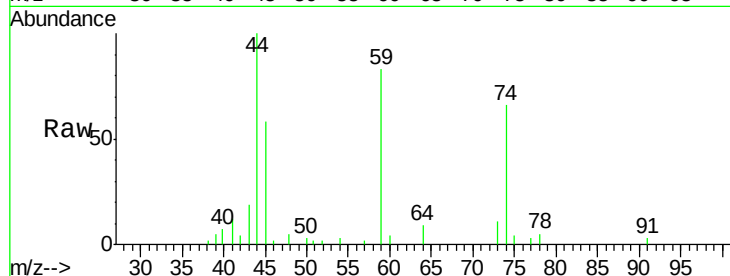
VSTDIC001

Tgt Ion: 74 Resp: 2522

Ion Ratio Lower Upper

74 100

45 107.3 53.1 159.4



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.177 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

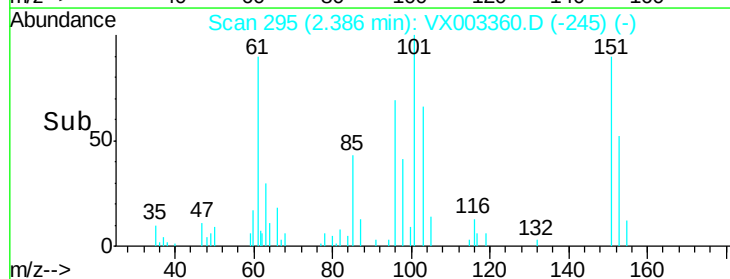
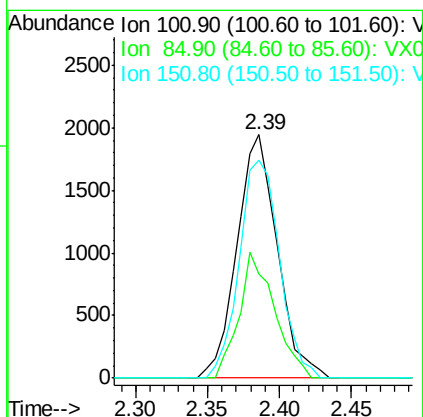
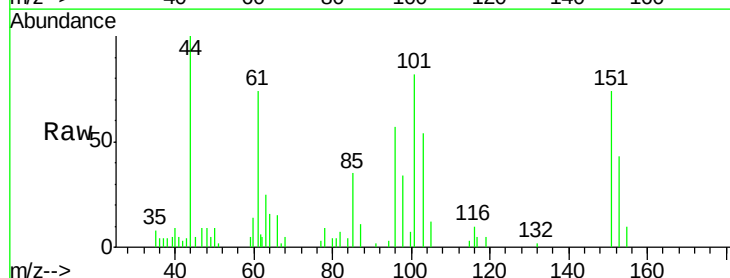
Tgt Ion: 101 Resp: 3783

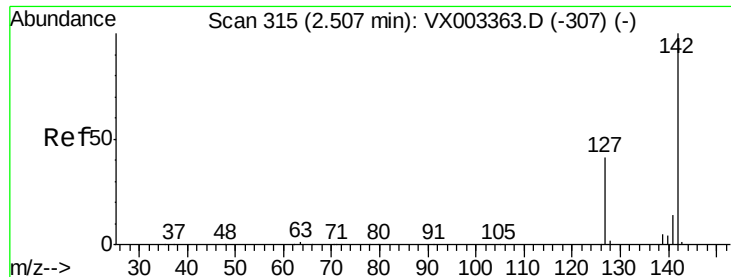
Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

151 89.2 70.9 106.3

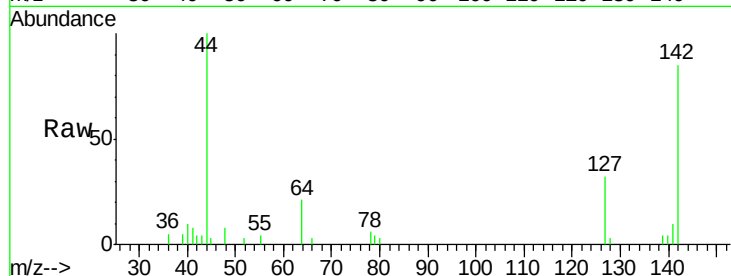




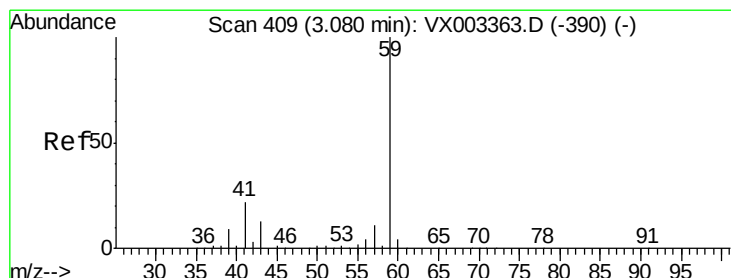
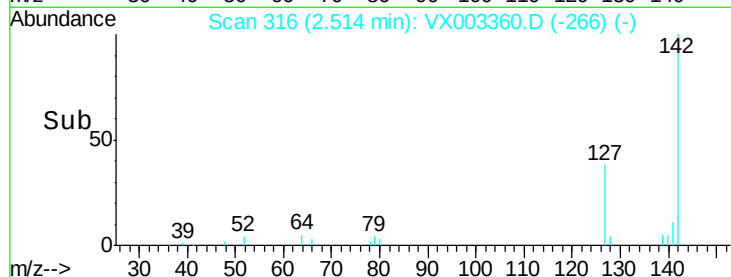
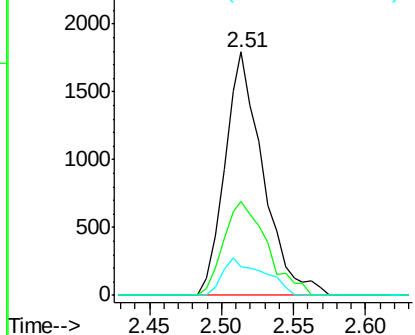
#10
Methyl Iodide
Concen: 1.014 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:142 Resp: 3310
Ion Ratio Lower Upper
142 100
127 43.7 36.6 55.0
141 16.2 11.3 16.9

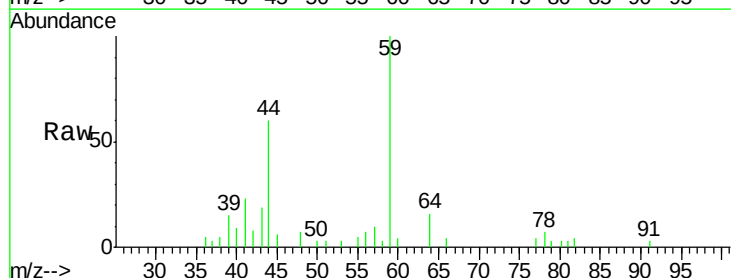


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

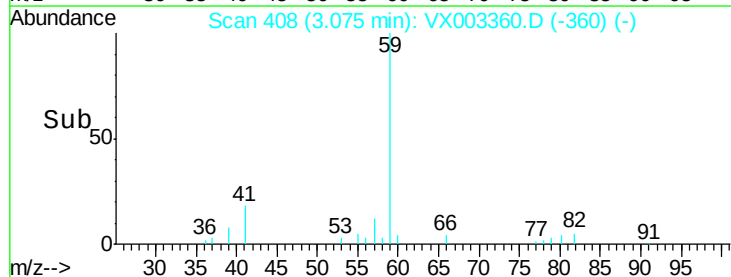
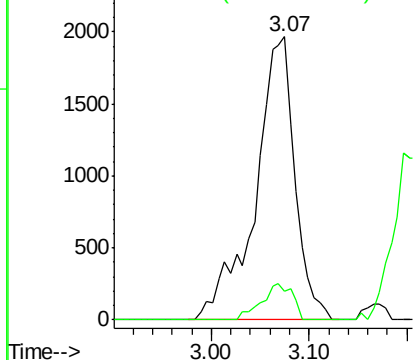


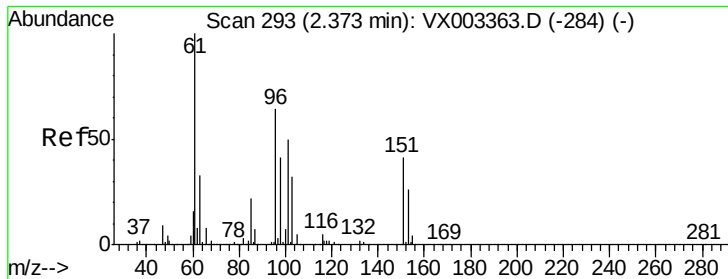
#11
Tert butyl alcohol
Concen: 7.134 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 59 Resp: 5560
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 1.214 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

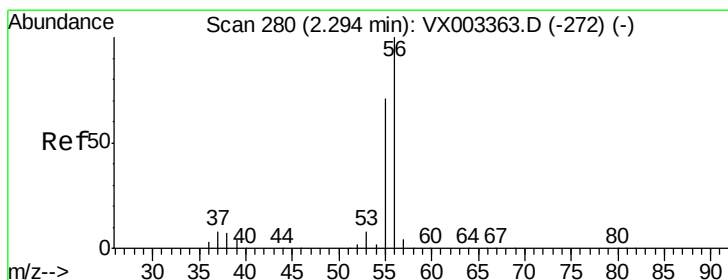
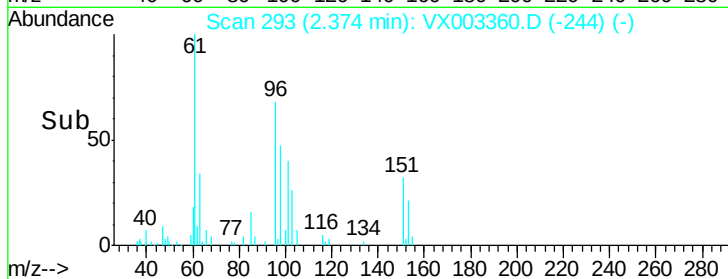
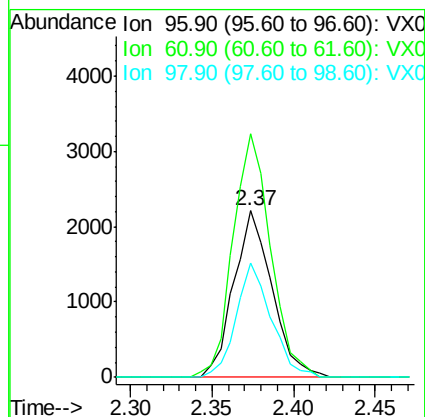
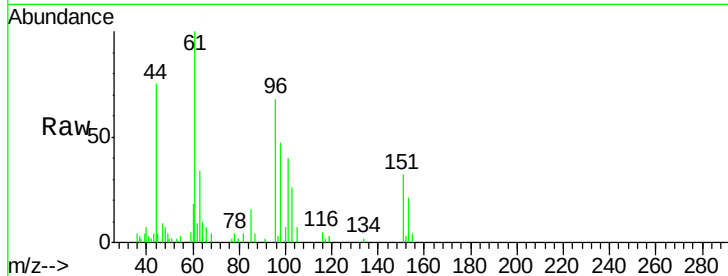
Tgt Ion: 96 Resp: 3624

Ion Ratio Lower Upper

96 100

61 146.4 137.9 206.9

98 68.6 51.6 77.4



#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003360.D

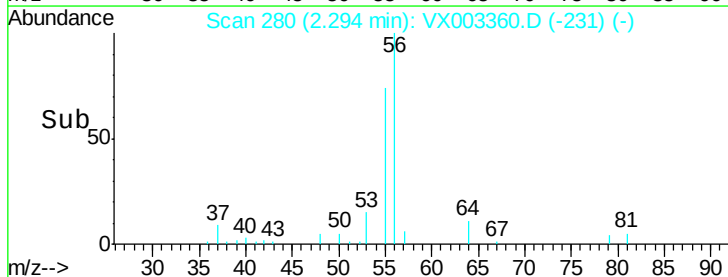
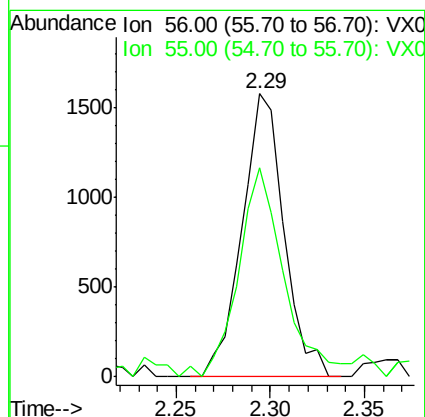
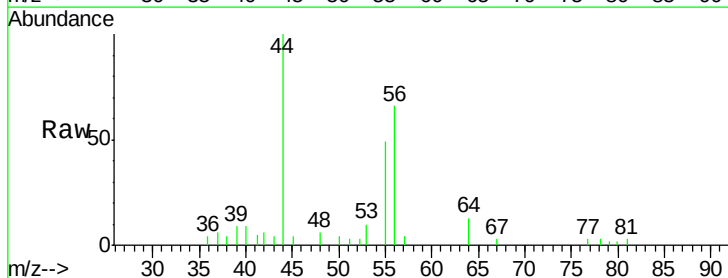
Acq: 13 Jul 2018 11:33

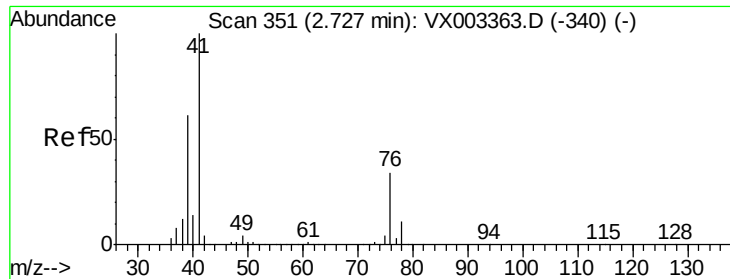
Tgt Ion: 56 Resp: 2440

Ion Ratio Lower Upper

56 100

55 81.0 57.0 85.4

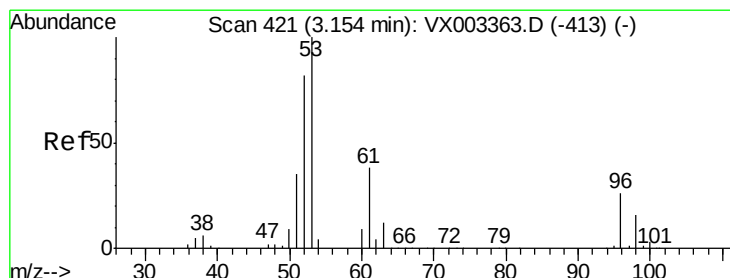
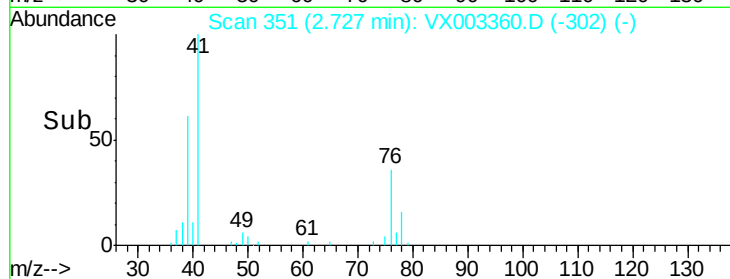
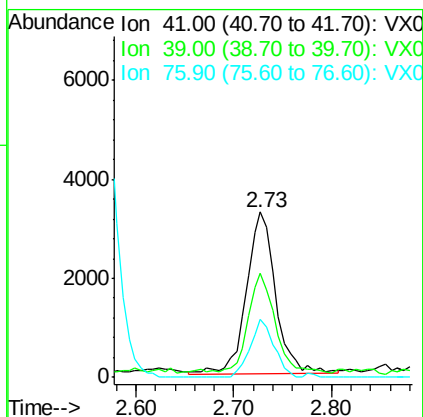
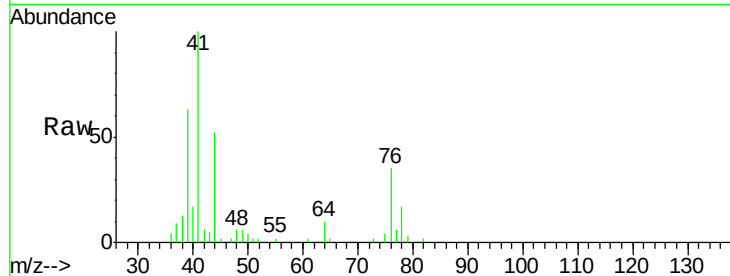




#14
 Allyl chloride
 Concen: 1.176 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

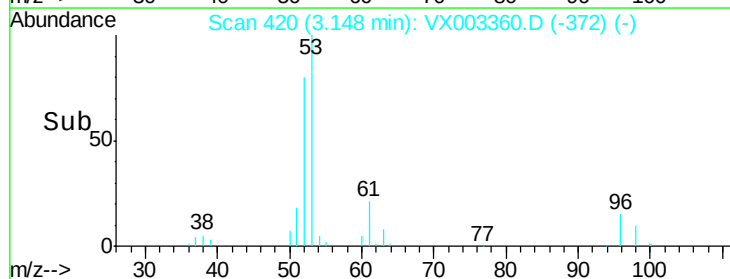
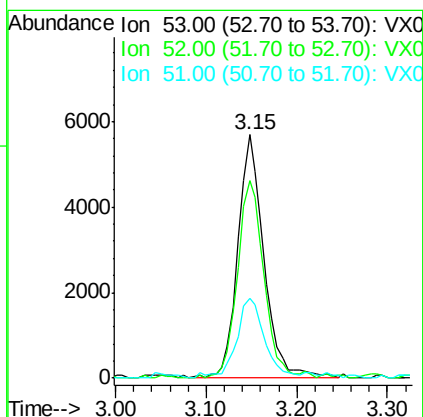
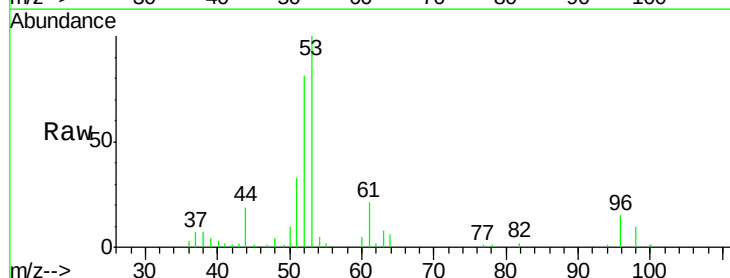
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

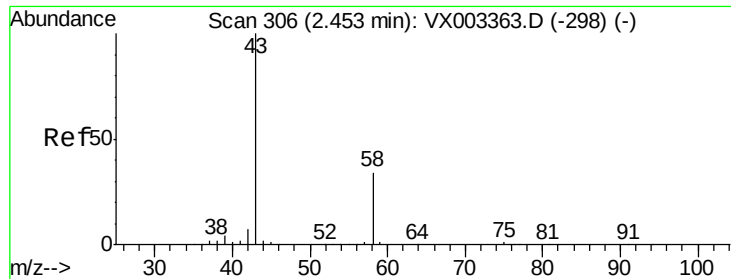
Tgt Ion: 41 Resp: 6732
 Ion Ratio Lower Upper
 41 100
 39 56.9 56.8 85.2
 76 29.5 23.8 35.8



#15
 Acrylonitrile
 Concen: 5.832 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 53 Resp: 11349
 Ion Ratio Lower Upper
 53 100
 52 82.9 66.7 100.1
 51 35.3 29.9 44.9





#16

Acetone

Concen: 5.841 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

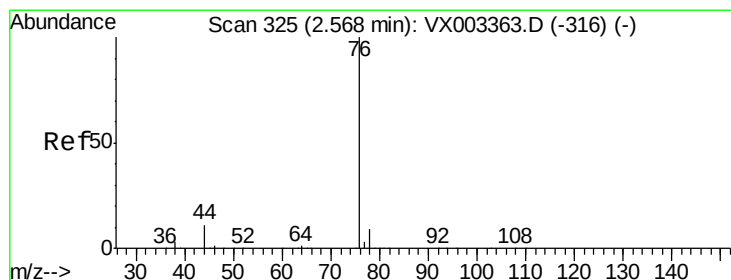
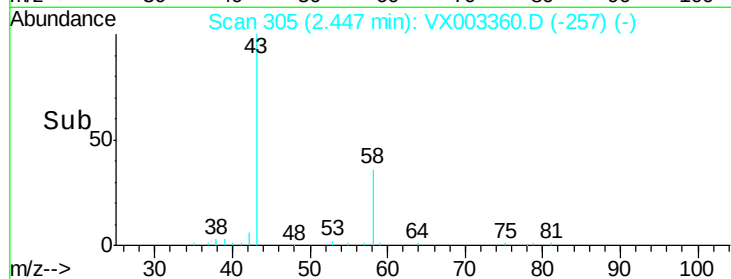
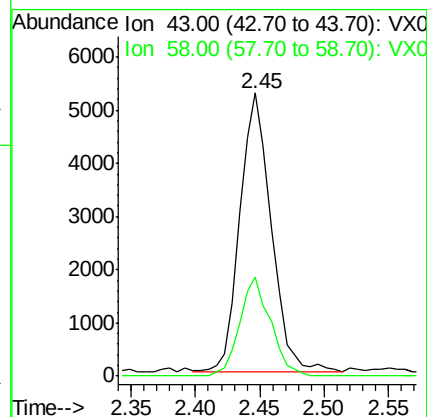
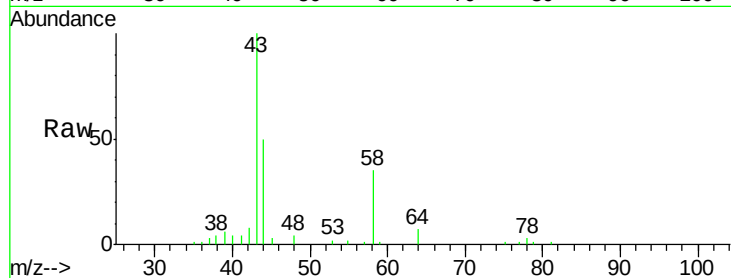
VSTDIC001

Tgt Ion: 43 Resp: 8812

Ion Ratio Lower Upper

43 100

58 35.5 22.1 33.1#



#17

Carbon Disulfide

Concen: 1.240 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003360.D

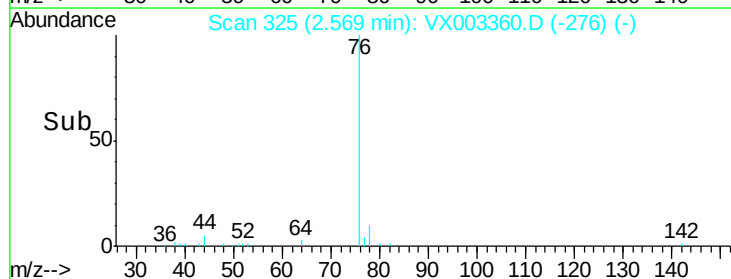
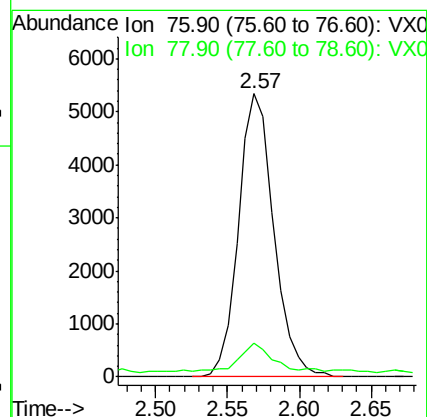
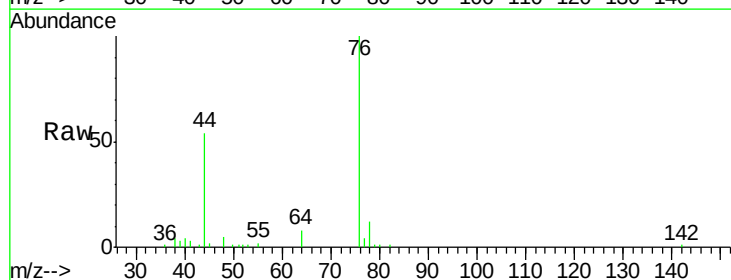
Acq: 13 Jul 2018 11:33

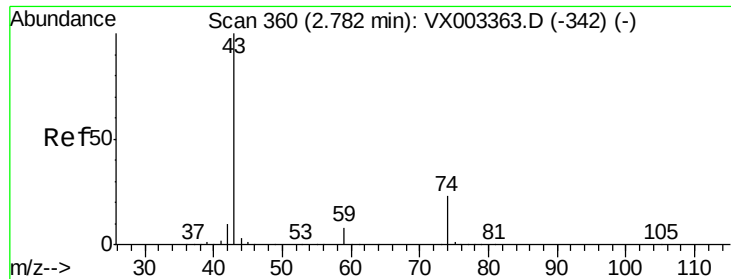
Tgt Ion: 76 Resp: 9084

Ion Ratio Lower Upper

76 100

78 10.1 6.9 10.3

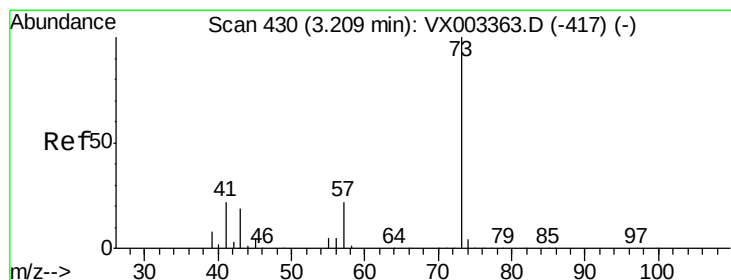
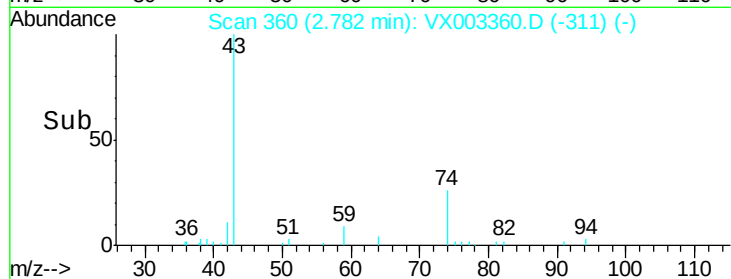
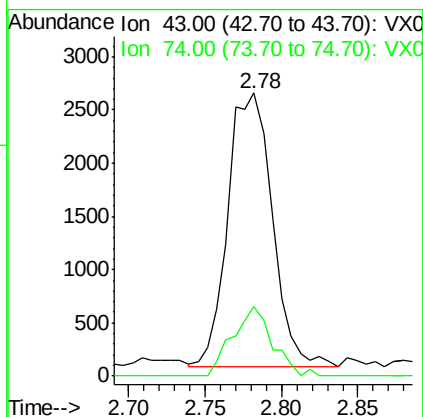
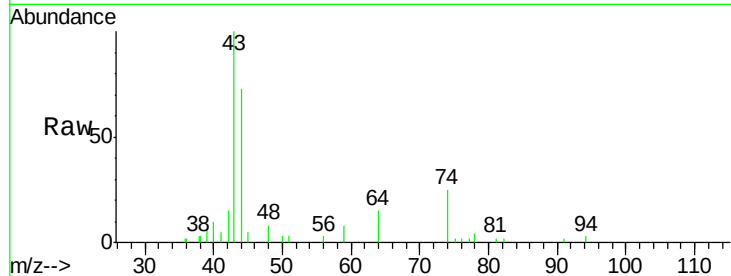




#18
Methyl Acetate
Concen: 1.100 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

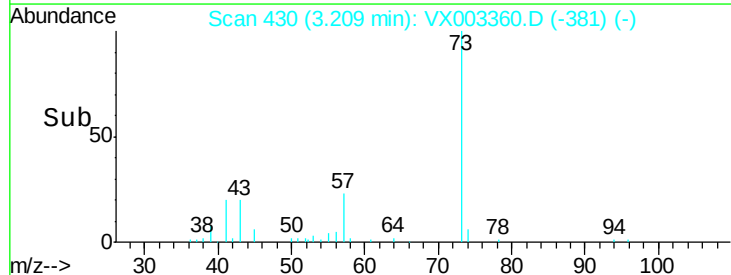
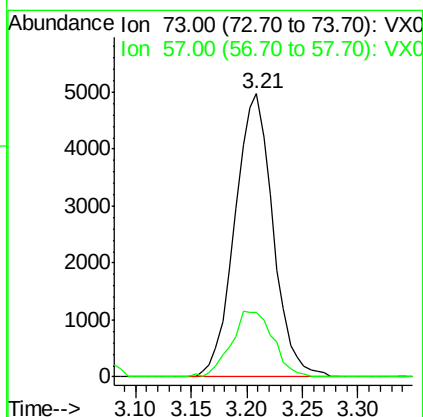
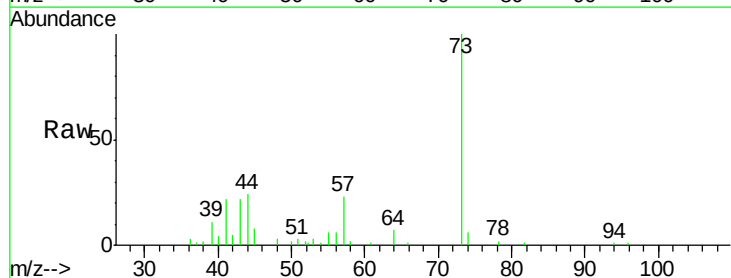
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

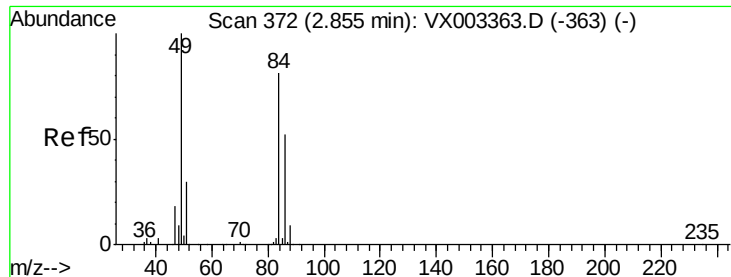
Tgt Ion: 43 Resp: 5154
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1



#19
Methyl tert-butyl Ether
Concen: 1.105 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 73 Resp: 11795
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5





#20

Methylene Chloride

Concen: 0.201 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 84 Resp: 4862

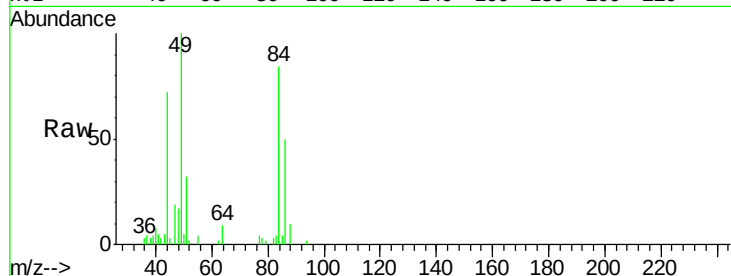
Ion Ratio Lower Upper

84 100

49 118.8 107.8 161.6

51 36.0 32.8 49.2

86 60.0 52.5 78.7

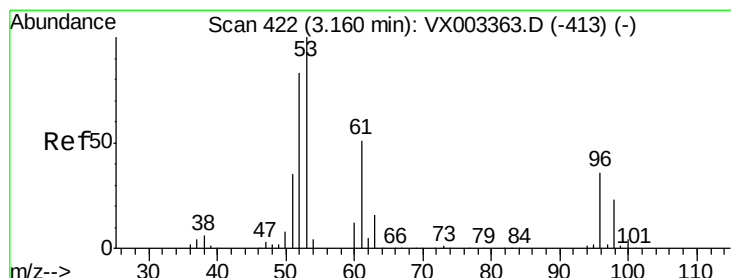
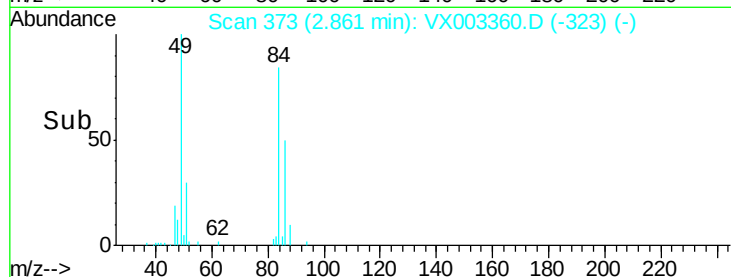
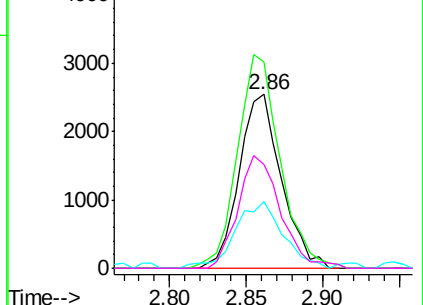


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 1.154 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

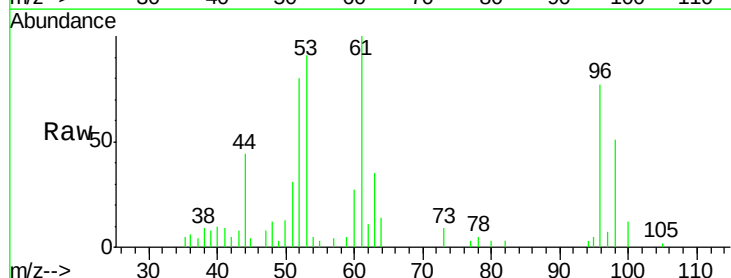
Tgt Ion: 96 Resp: 3676

Ion Ratio Lower Upper

96 100

61 130.2 117.0 175.4

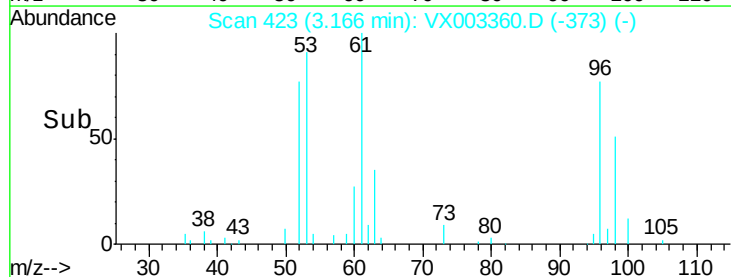
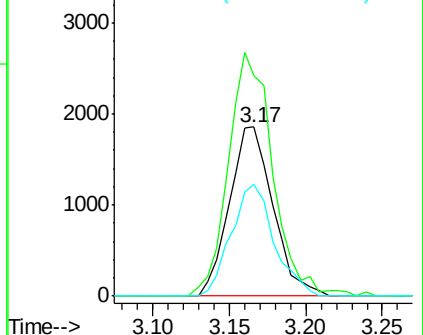
98 65.9 52.4 78.6

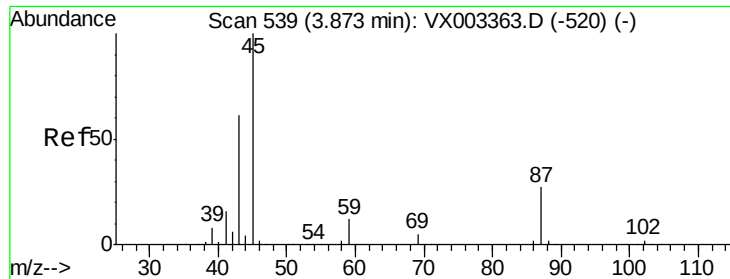


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#22

Diisopropyl ether

Concen: 1.201 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 45 Resp: 12801

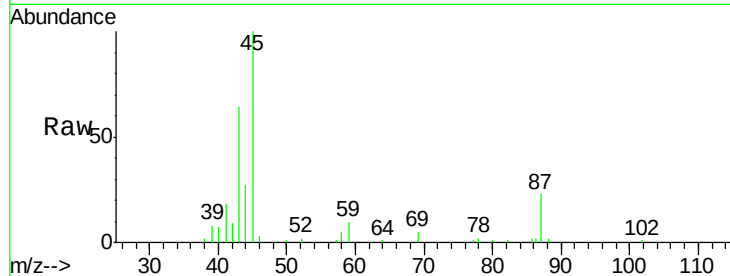
Ion Ratio Lower Upper

45 100

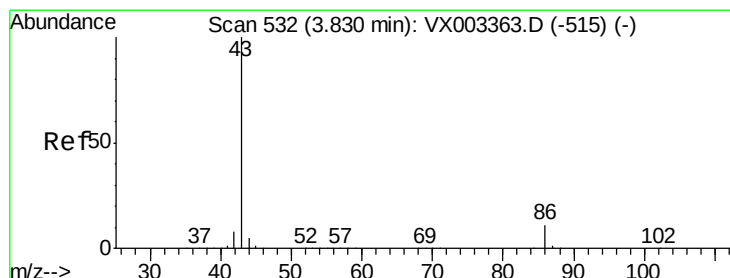
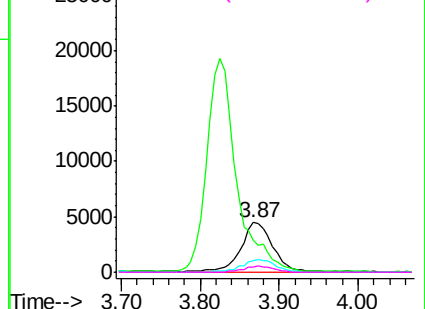
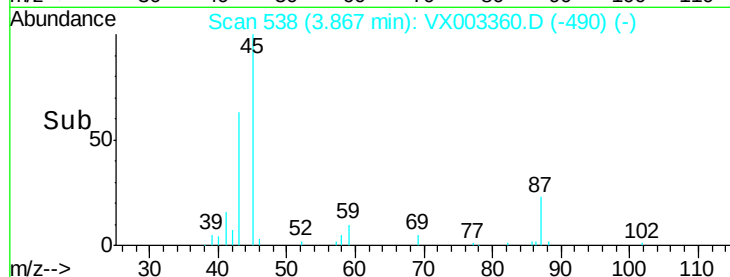
43 61.7 46.8 70.2

87 23.0 20.2 30.4

59 10.2 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: 5.782 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003360.D

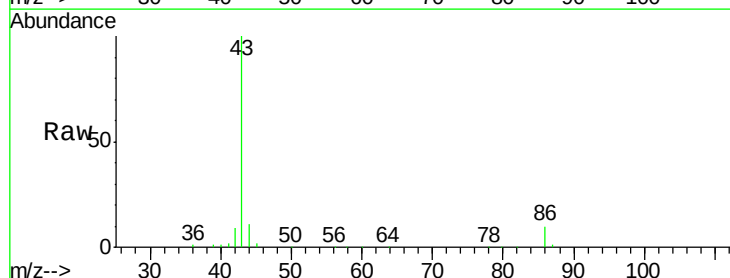
Acq: 13 Jul 2018 11:33

Tgt Ion: 43 Resp: 50335

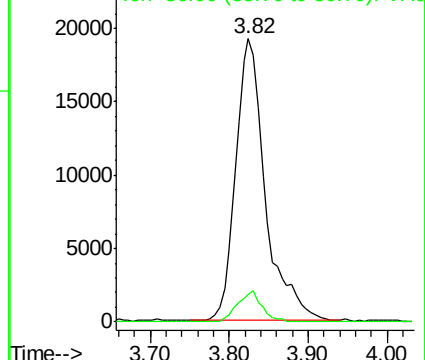
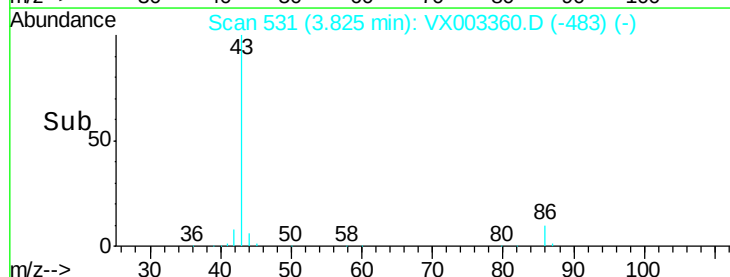
Ion Ratio Lower Upper

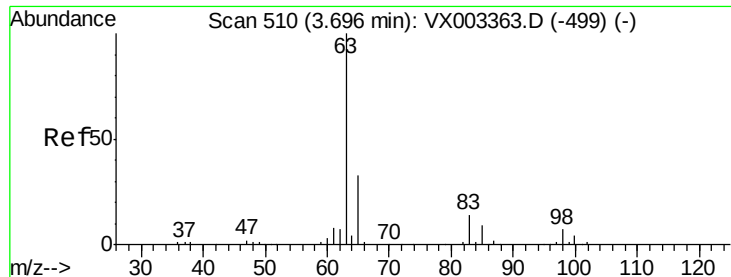
43 100

86 9.9 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: 1.153 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

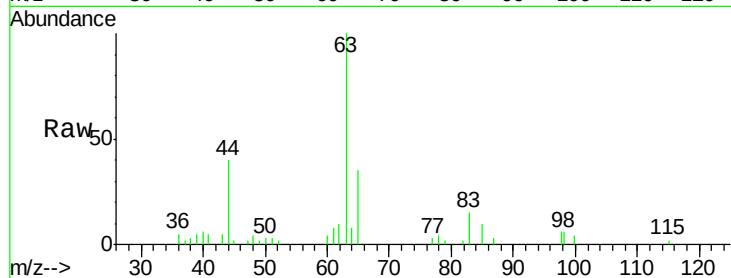
Tgt Ion: 63 Resp: 6966

Ion Ratio Lower Upper

63 100

98 11.8 3.4 10.2#

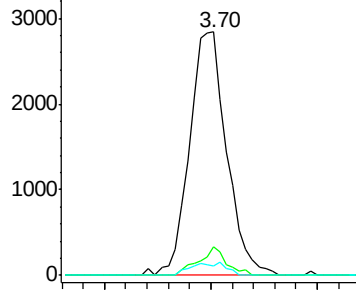
100 4.1 2.0 6.0



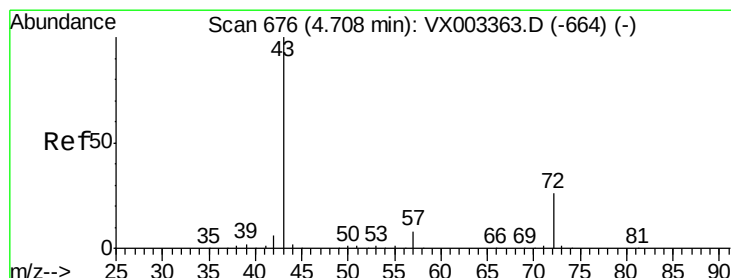
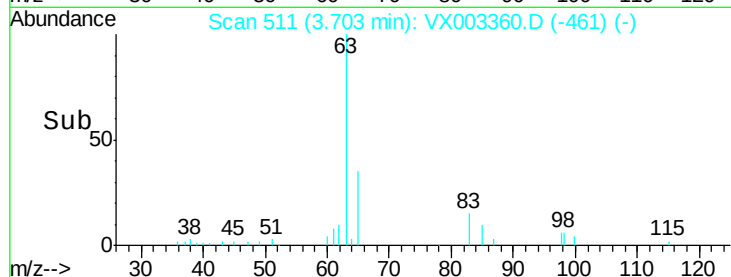
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 5.667 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003360.D

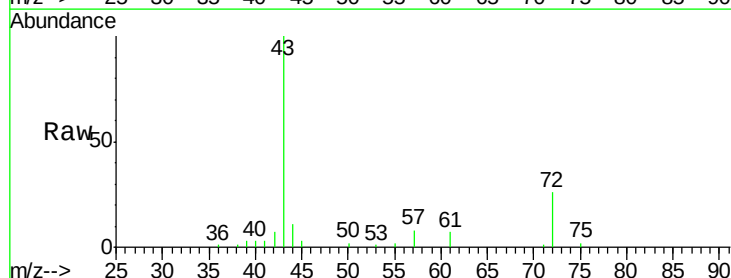
Acq: 13 Jul 2018 11:33

Tgt Ion: 43 Resp: 13253

Ion Ratio Lower Upper

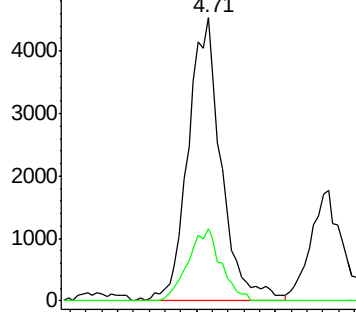
43 100

72 25.7 18.5 27.7

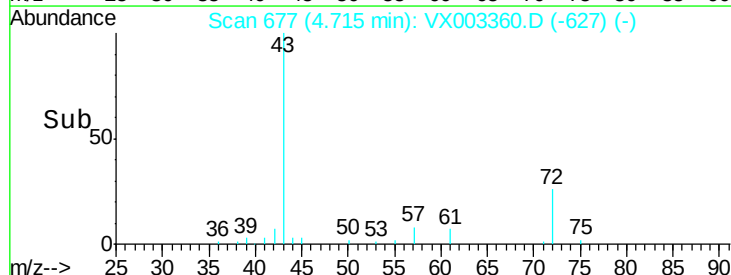


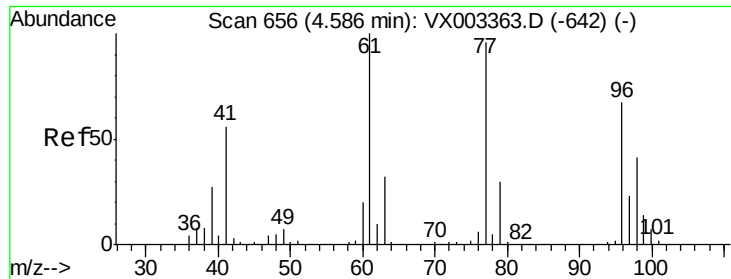
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->

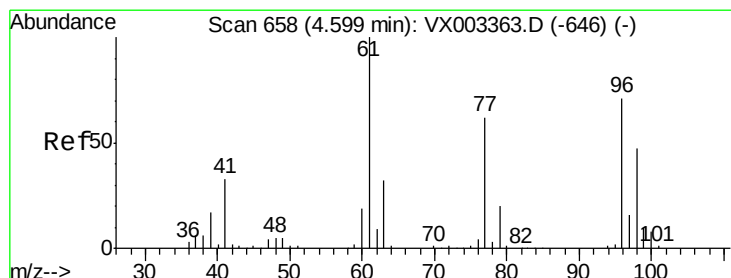
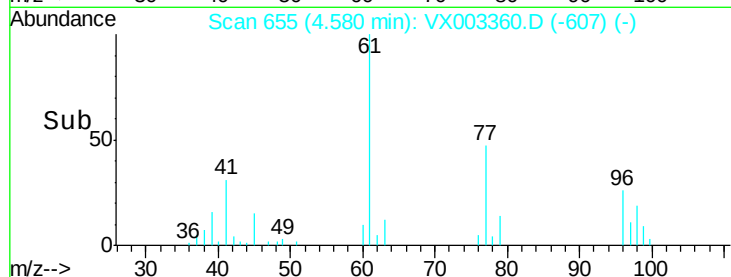
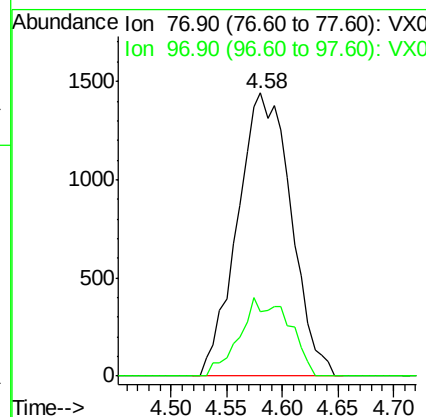
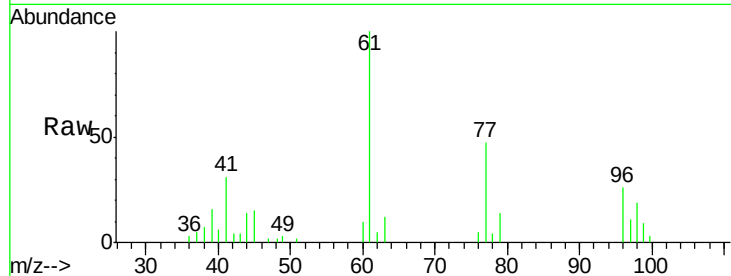




#26
 2,2-Dichloropropane
 Concen: 1.130 ug/l
 RT: 4.58 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

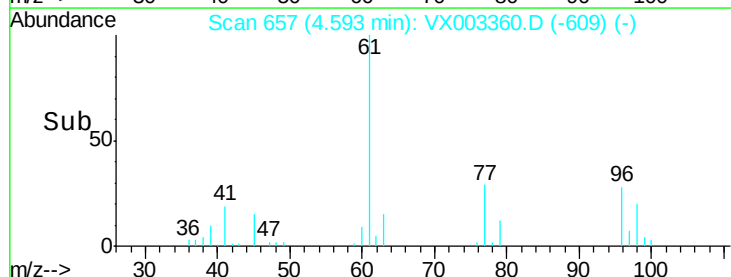
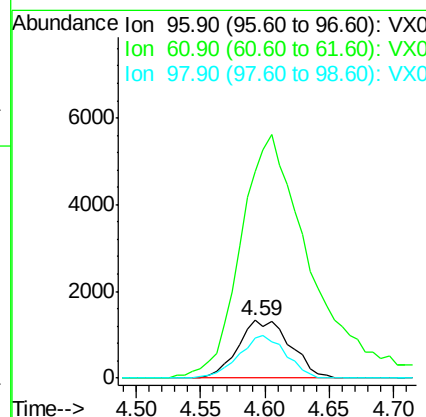
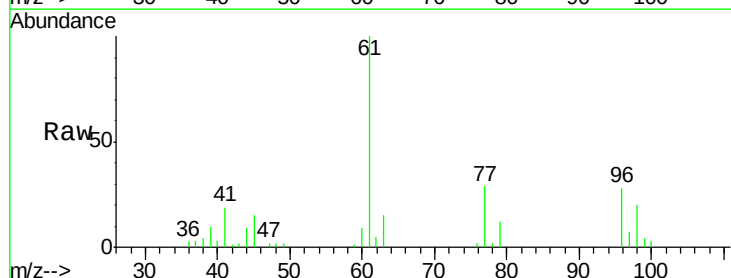
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

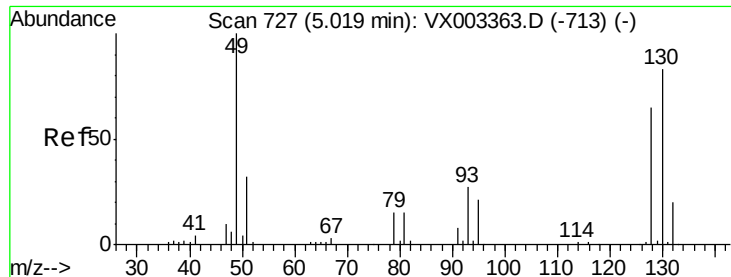
Tgt Ion: 77 Resp: 4832
 Ion Ratio Lower Upper
 77 100
 97 14.6 11.2 33.5



#27
 cis-1,2-Dichloroethene
 Concen: 1.073 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 96 Resp: 3756
 Ion Ratio Lower Upper
 96 100
 61 568.2 0.0 330.2#
 98 66.3 0.0 130.2





#28

Bromochloromethane

Concen: 1.058 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

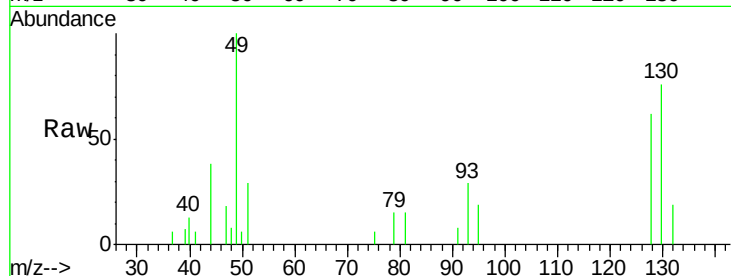
Tgt Ion: 49 Resp: 2911

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

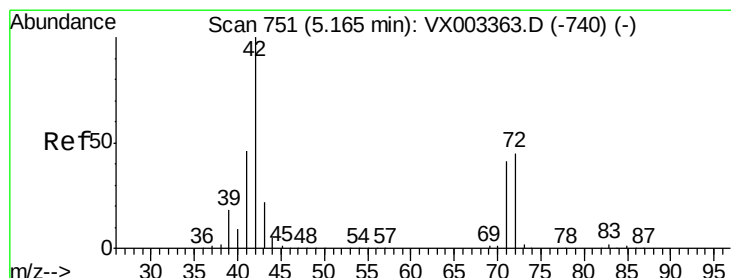
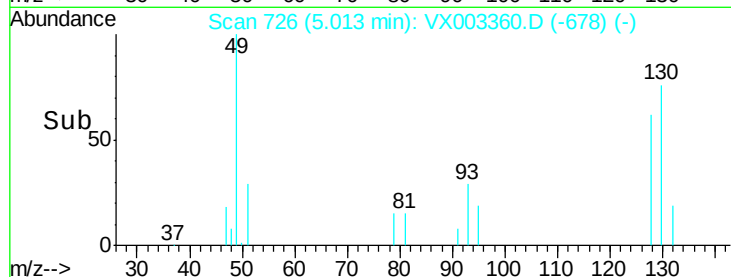
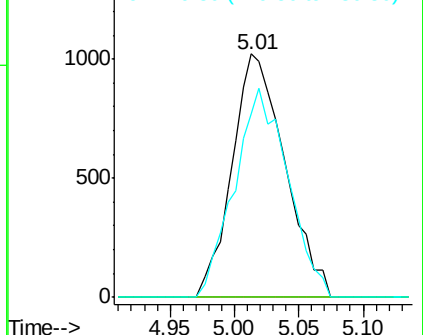
130 87.0 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 5.537 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

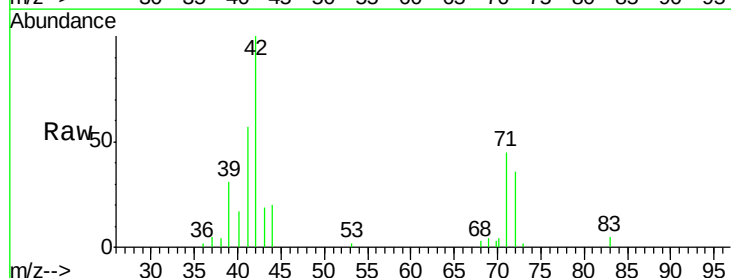
Tgt Ion: 42 Resp: 8271

Ion Ratio Lower Upper

42 100

72 43.2 32.0 48.0

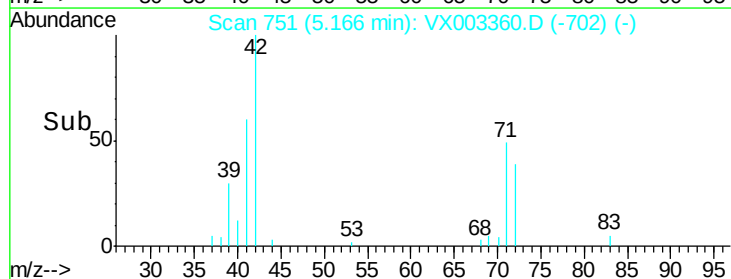
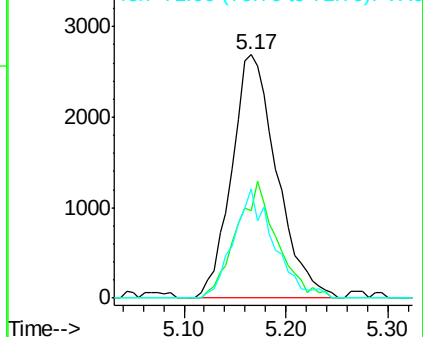
71 40.0 30.1 45.1

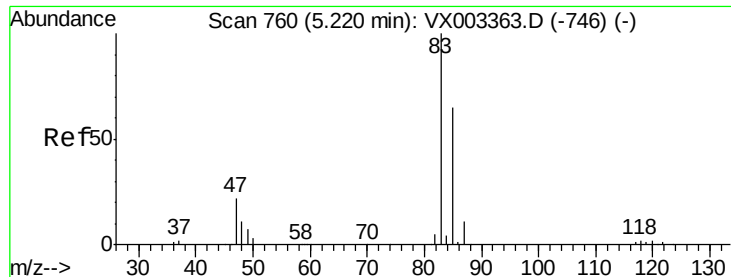


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

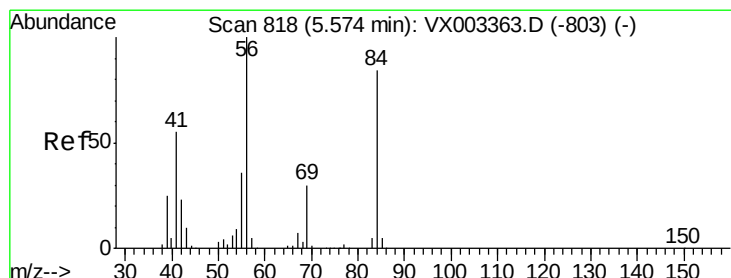
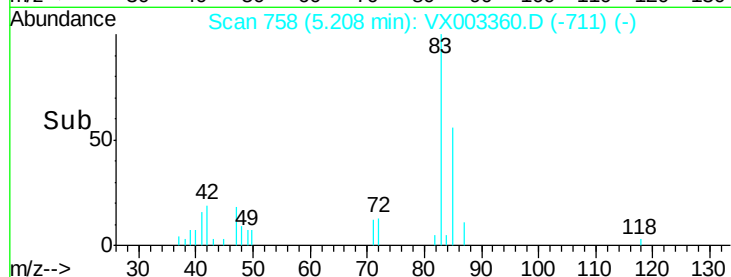
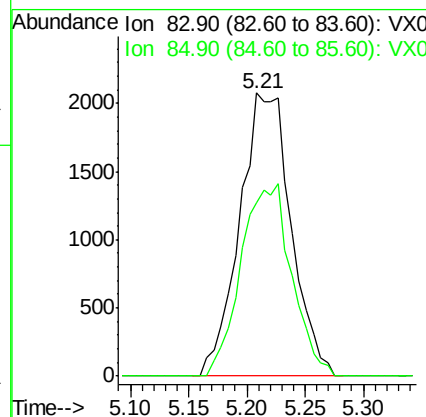
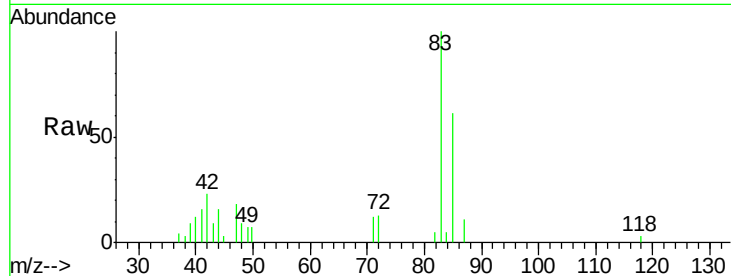




#30
Chloroform
Concen: 1.101 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

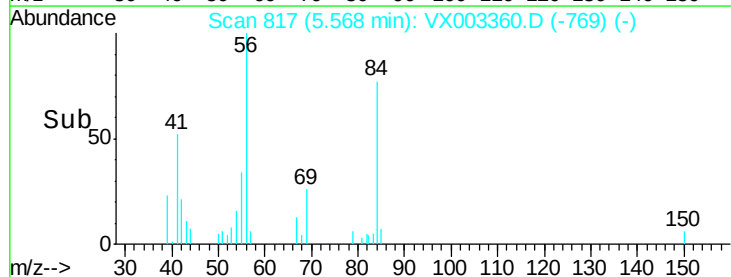
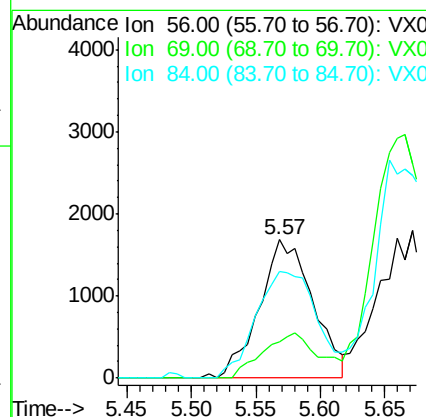
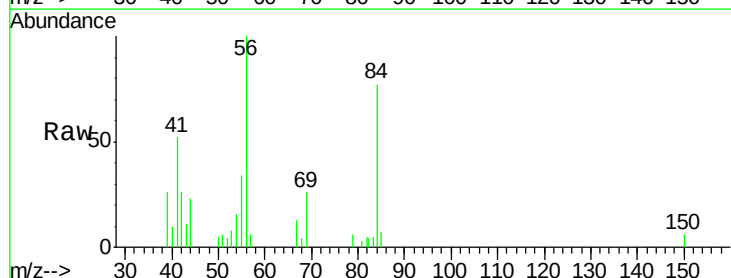
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

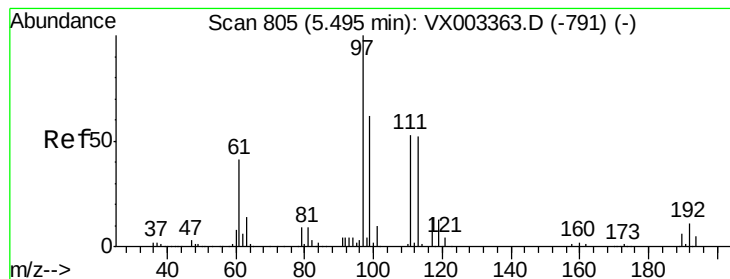
Tgt Ion: 83 Resp: 6372
Ion Ratio Lower Upper
83 100
85 61.3 50.4 75.6



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 56 Resp: 4846
Ion Ratio Lower Upper
56 100
69 26.5 23.7 35.5
84 77.1 64.1 96.1





#32

1,1,1-Trichloroethane

Concen: 1.077 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

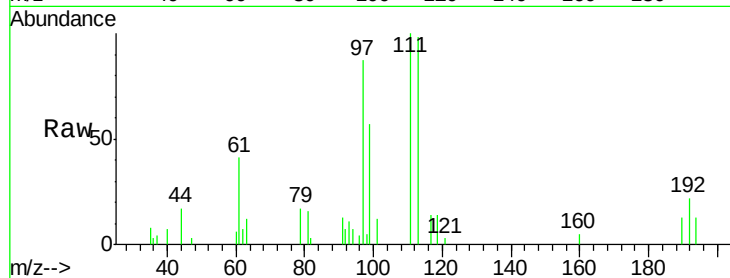
Tgt Ion: 97 Resp: 5193

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

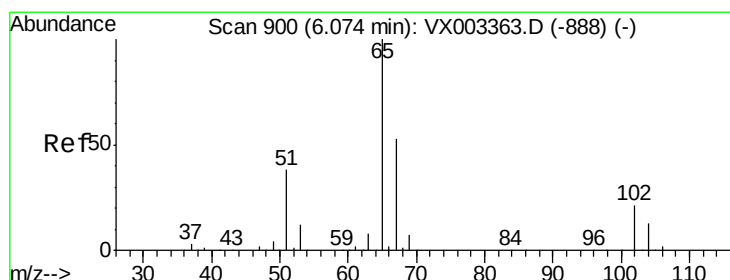
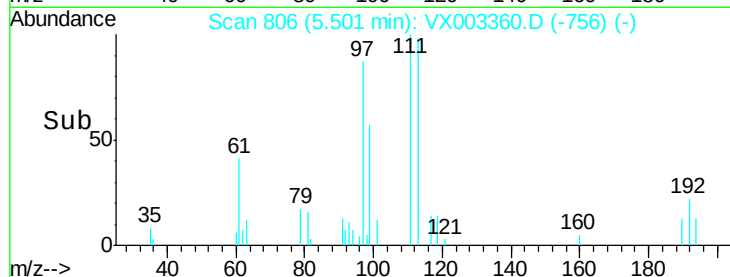
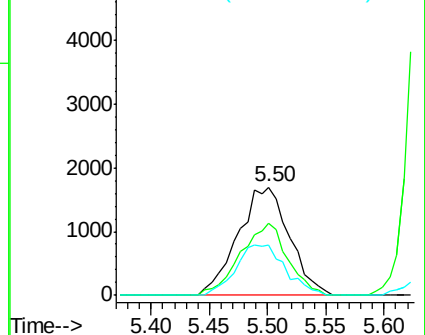
61 45.2 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: -0.137 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003360.D

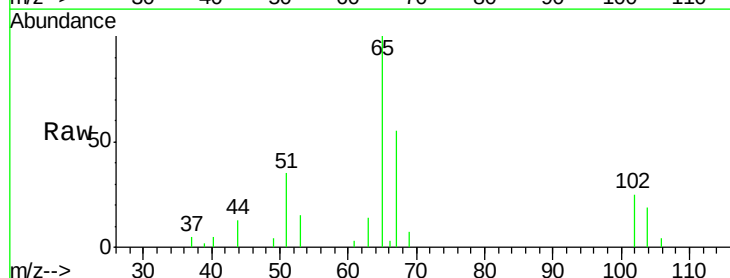
Acq: 13 Jul 2018 11:33

Tgt Ion: 65 Resp: 6327

Ion Ratio Lower Upper

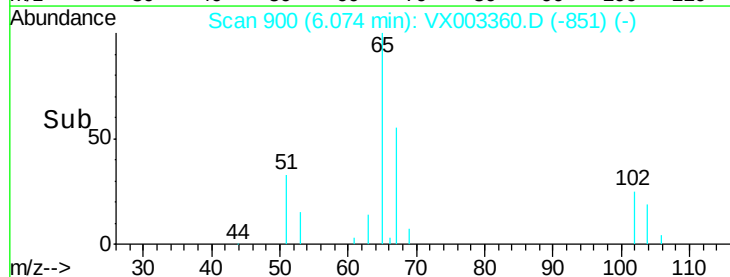
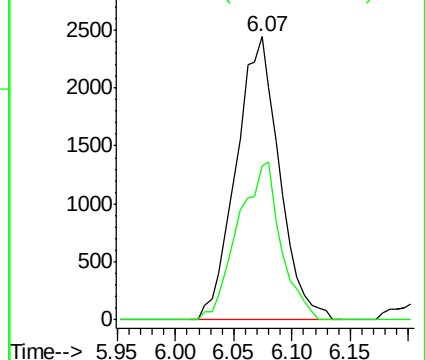
65 100

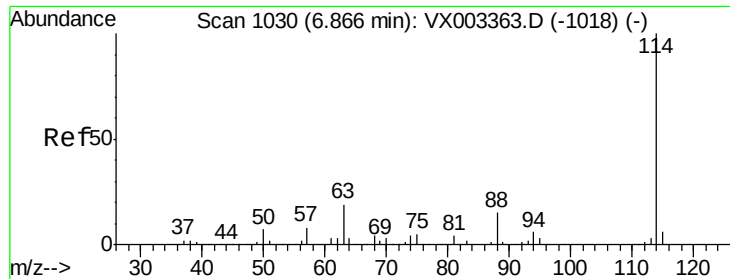
67 55.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

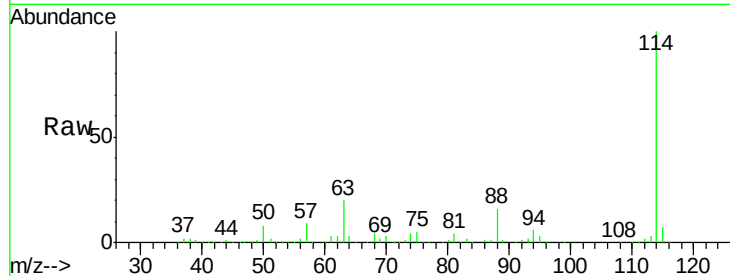




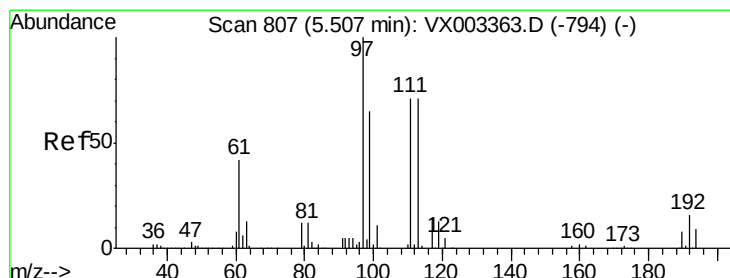
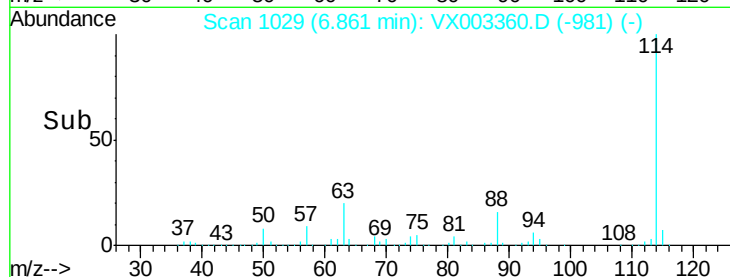
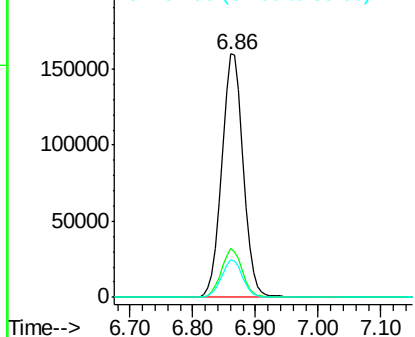
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:114 Resp: 377862
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.6 0.0 30.0

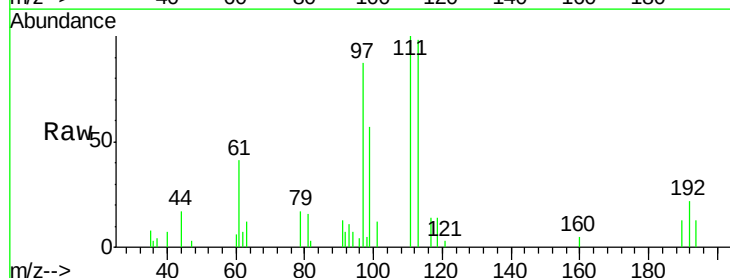


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

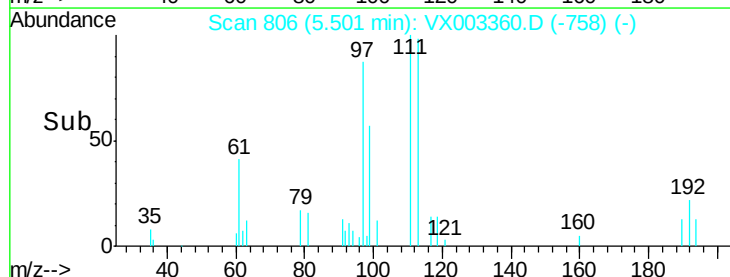
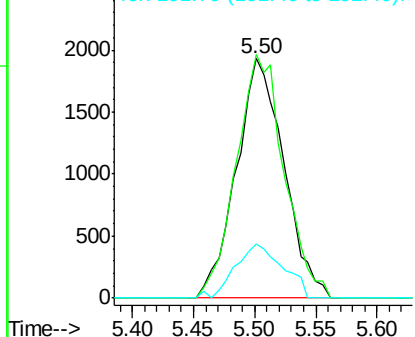


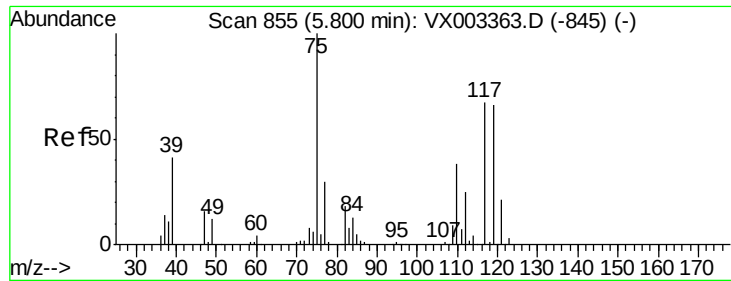
#35
 Dibromofluoromethane
 Concen: 1.877 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion:113 Resp: 5220
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 22.5 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

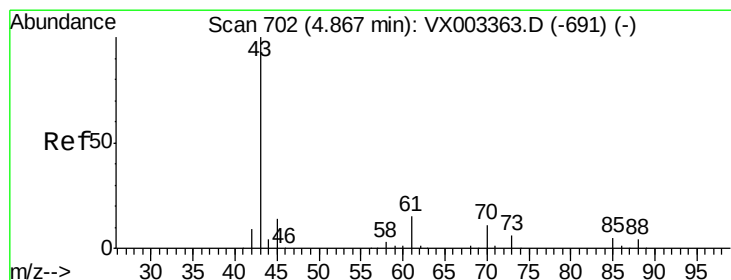
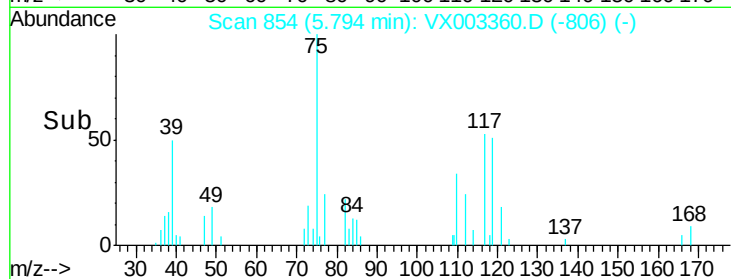
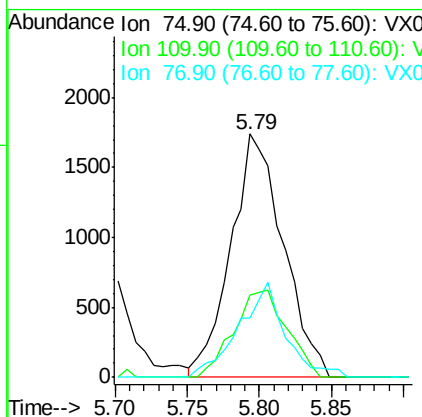
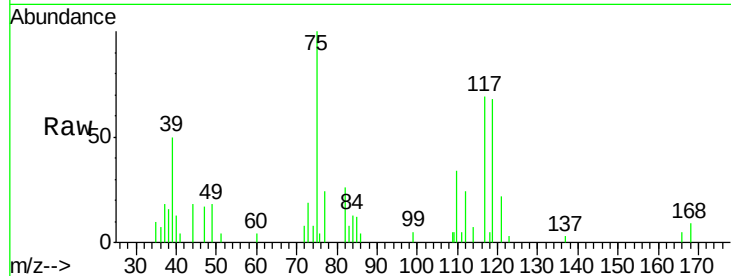




#36
 1,1-Dichloropropene
 Concen: 1.095 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

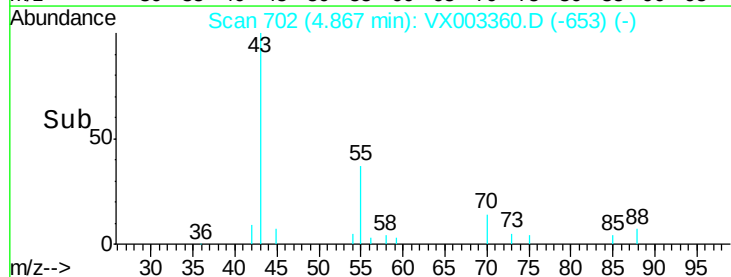
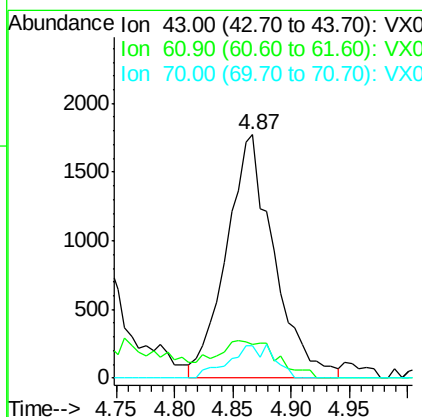
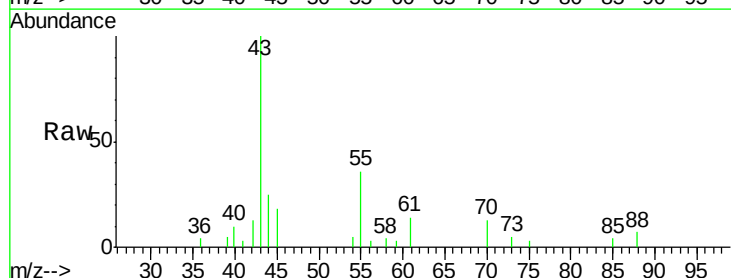
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

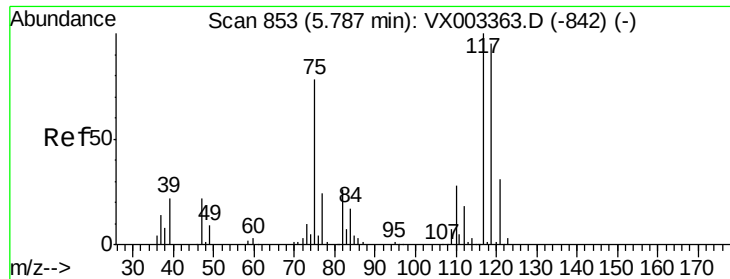
Tgt Ion: 75 Resp: 4396
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.4
 77 34.6 24.3 36.5



#37
 Ethyl Acetate
 Concen: 1.145 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 43 Resp: 5037
 Ion Ratio Lower Upper
 43 100
 61 20.0 10.4 15.6#
 70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 1.058 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

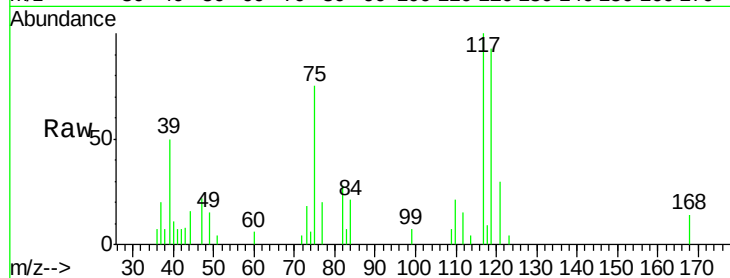
Tgt Ion:117 Resp: 4331

Ion Ratio Lower Upper

117 100

119 93.3 77.4 116.0

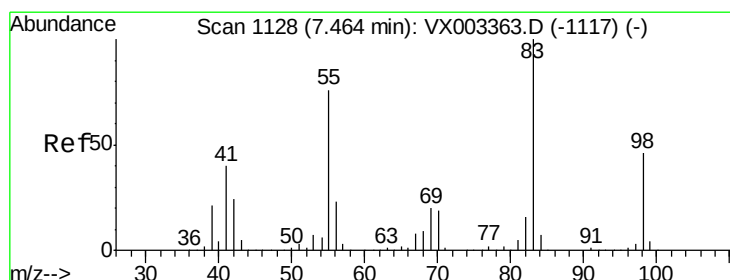
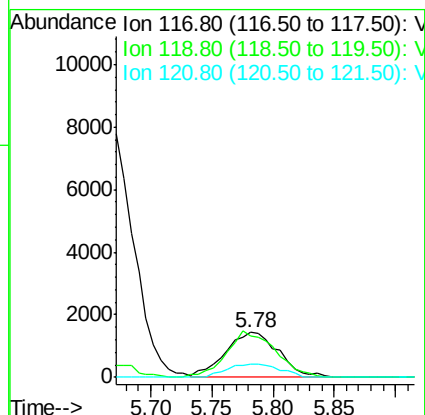
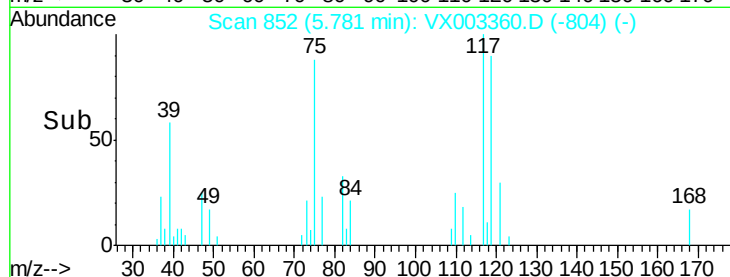
121 29.9 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.010 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

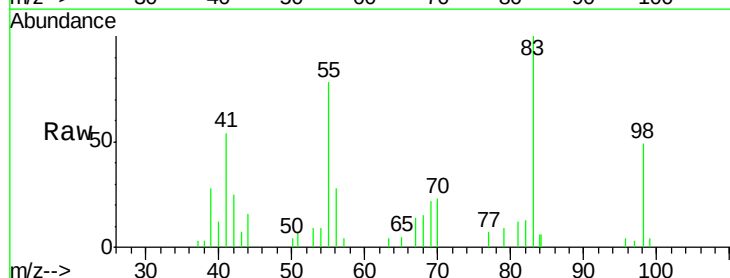
Tgt Ion: 83 Resp: 4589

Ion Ratio Lower Upper

83 100

55 78.2 65.4 98.0

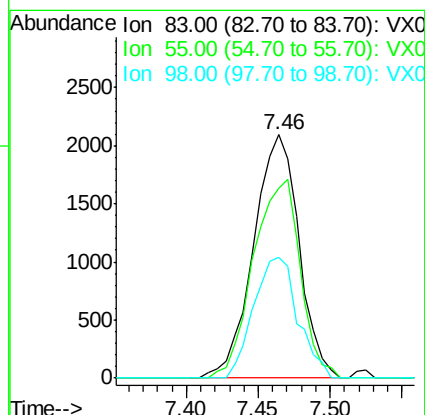
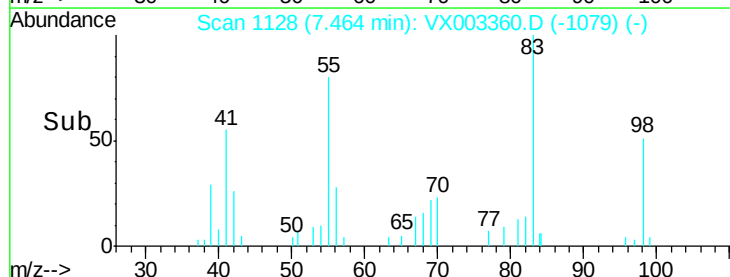
98 49.3 37.4 56.0

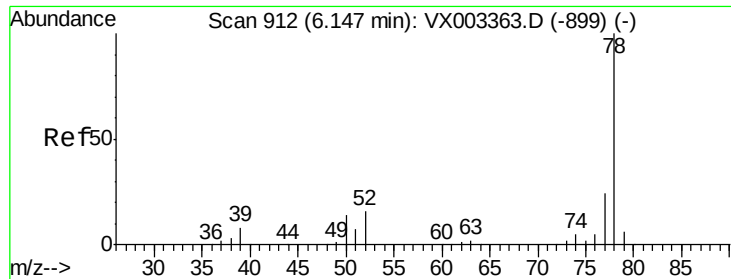


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.113 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

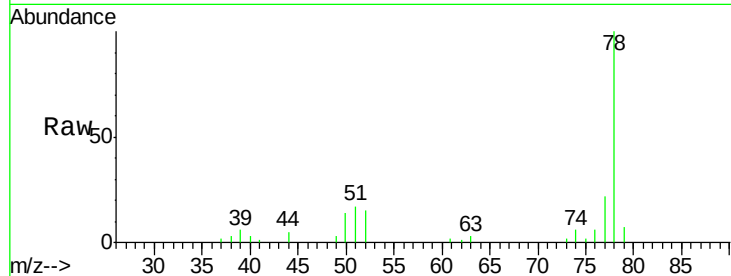
VSTDIC001

Tgt Ion: 78 Resp: 13993

Ion Ratio Lower Upper

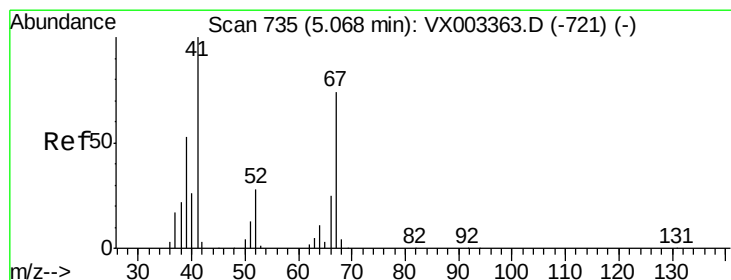
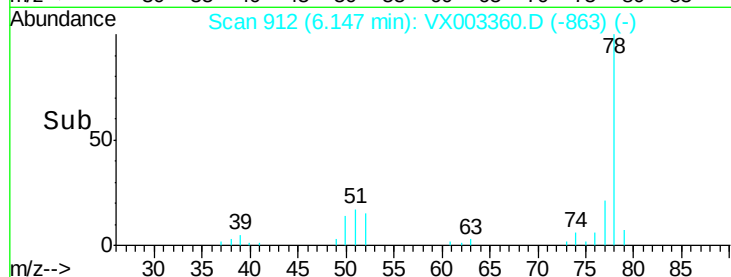
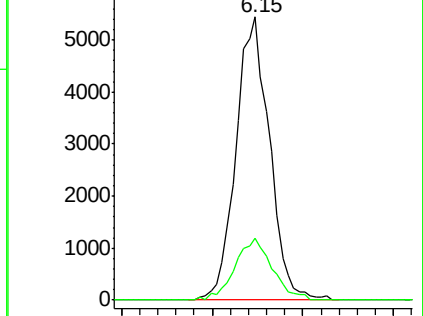
78 100

77 21.7 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: 1.096 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Tgt Ion: 41 Resp: 2761

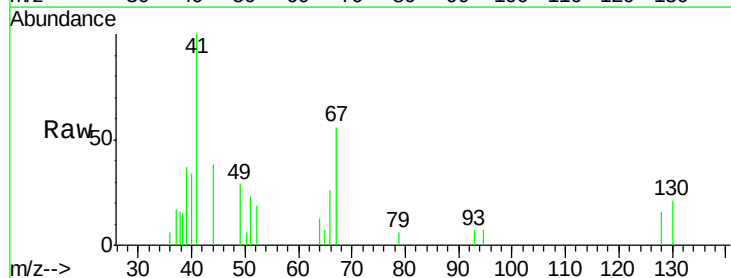
Ion Ratio Lower Upper

41 100

39 63.5 45.8 68.6

67 74.5 51.3 76.9

52 27.8 23.0 34.6

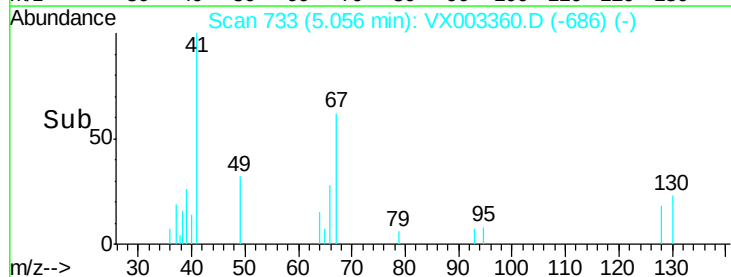
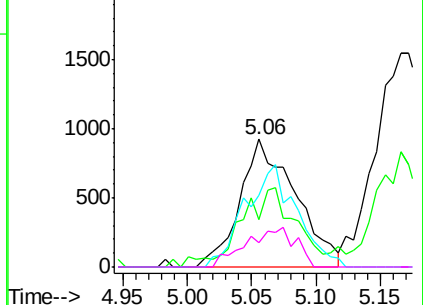


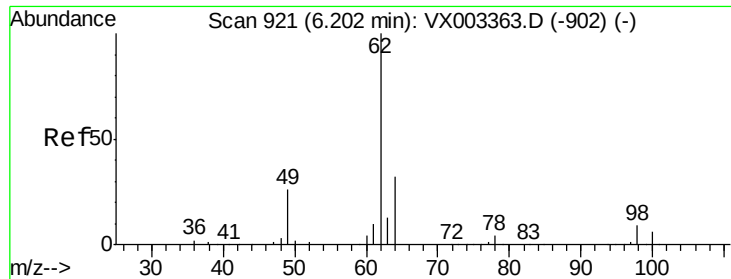
Abundance Ion 41.00 (40.70 to 41.70): VX0

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

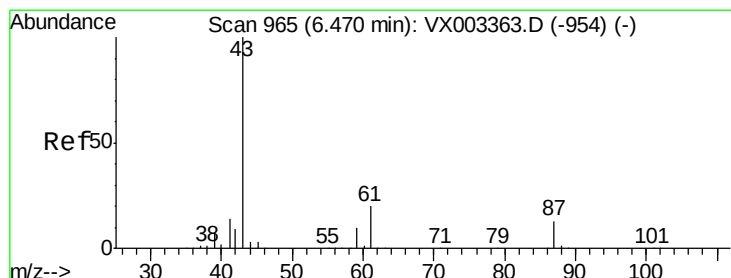
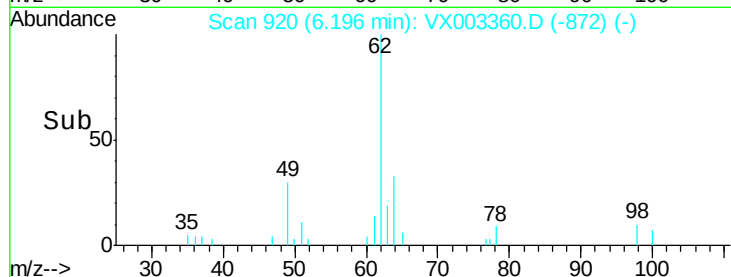
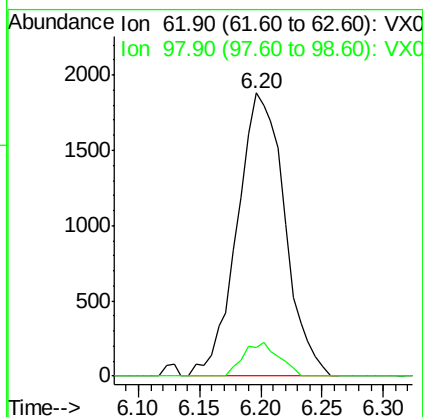
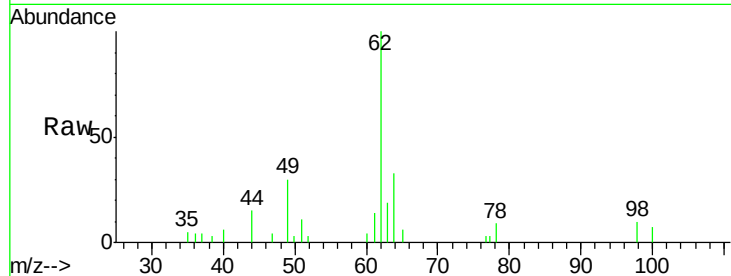




#42
 1,2-Dichloroethane
 Concen: 1.156 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

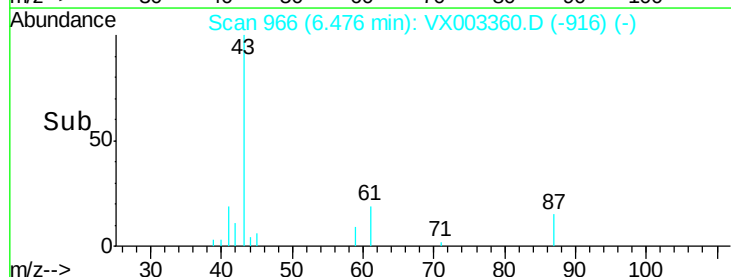
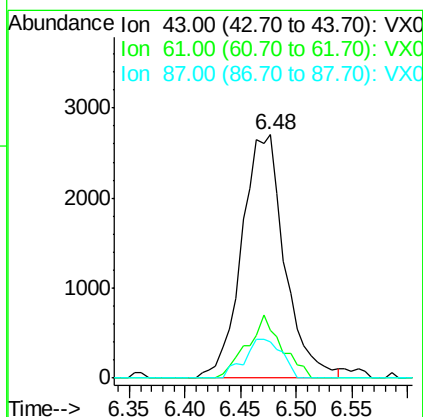
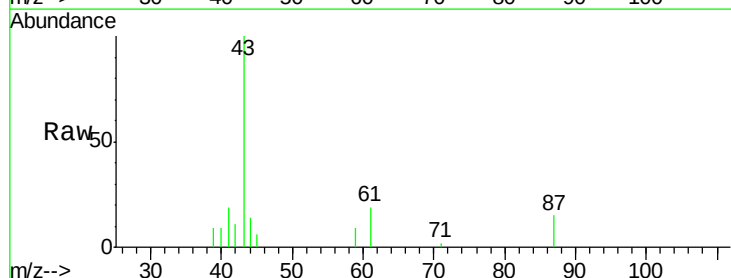
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

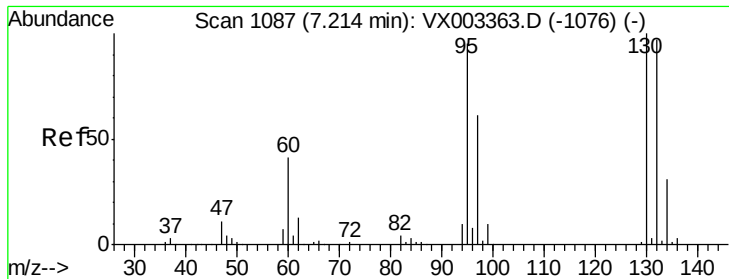
Tgt Ion: 62 Resp: 5076
 Ion Ratio Lower Upper
 62 100
 98 8.9 0.0 16.6



#43
 Isopropyl Acetate
 Concen: 1.053 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 43 Resp: 7258
 Ion Ratio Lower Upper
 43 100
 61 20.6 14.4 21.6
 87 13.9 9.5 14.3





#44

Trichloroethene

Concen: 1.116 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

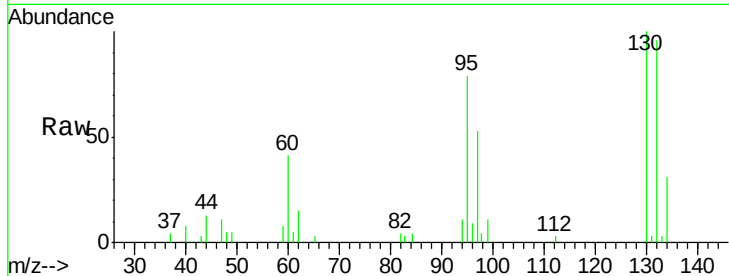
VSTDIC001

Tgt Ion:130 Resp: 3975

Ion Ratio Lower Upper

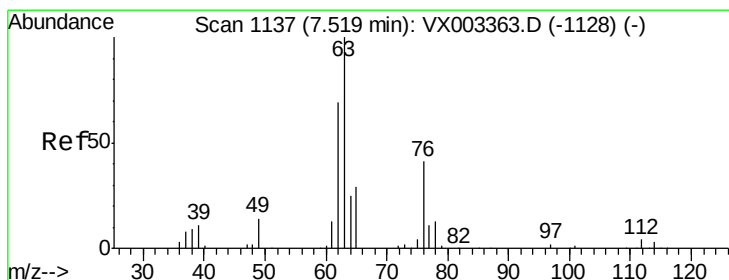
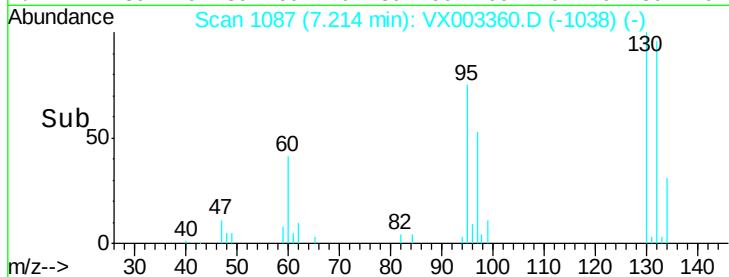
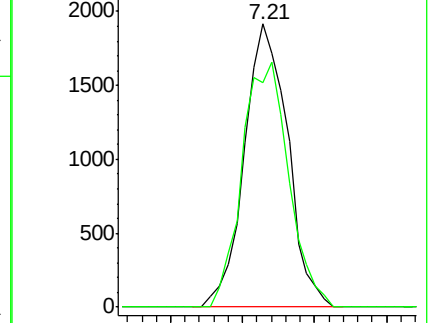
130 100

95 79.5 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: 1.044 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003360.D

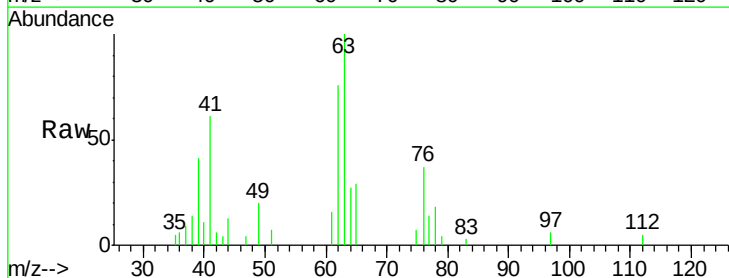
Acq: 13 Jul 2018 11:33

Tgt Ion: 63 Resp: 3483

Ion Ratio Lower Upper

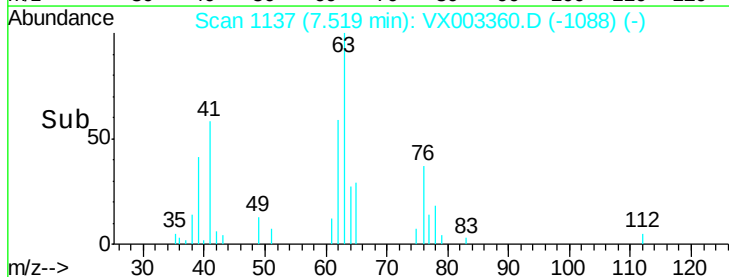
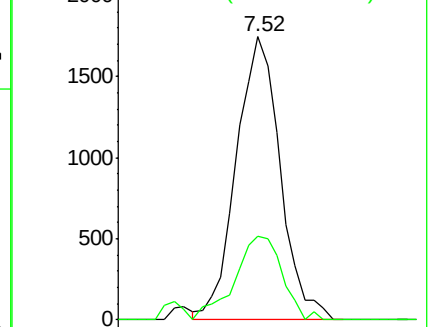
63 100

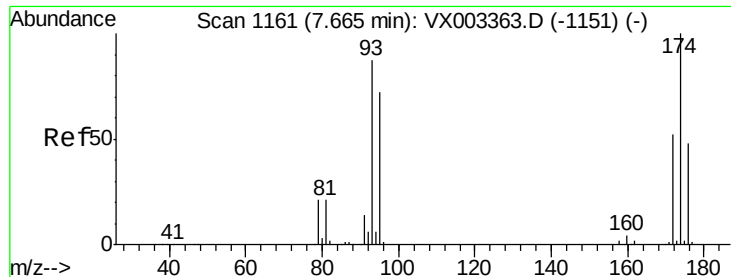
65 29.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

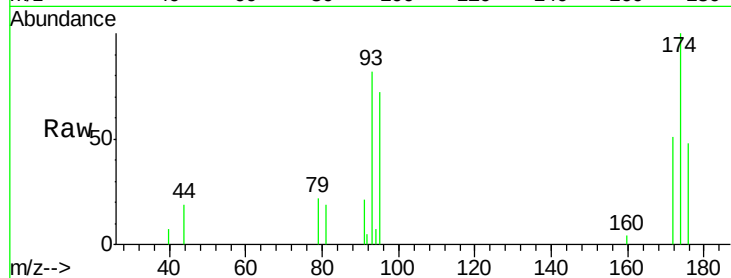




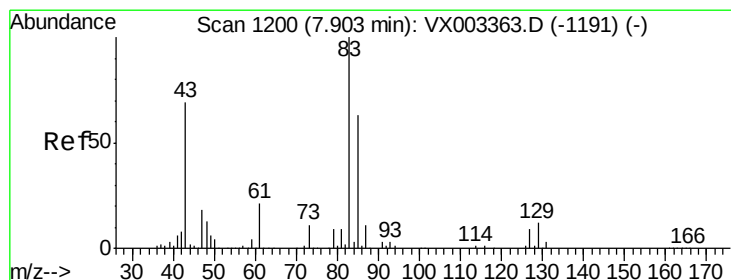
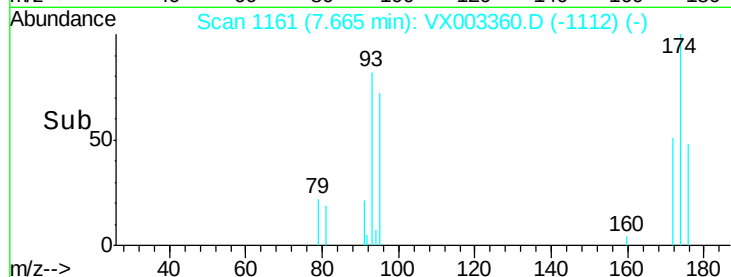
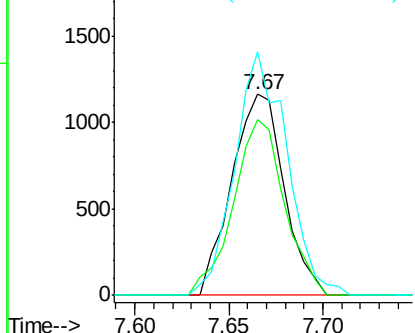
#46
Dibromomethane
Concen: 1.044 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 93 Resp: 2238
Ion Ratio Lower Upper
93 100
95 85.3 65.9 98.9
174 120.0 92.4 138.6

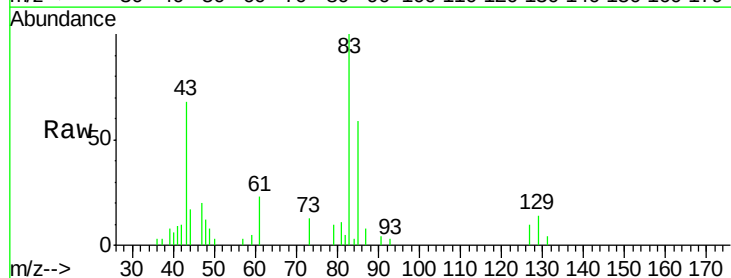


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

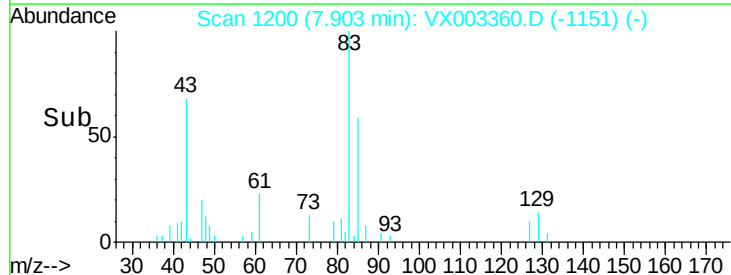
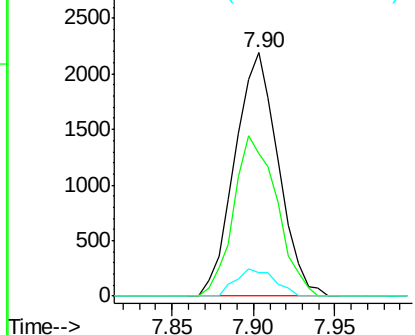


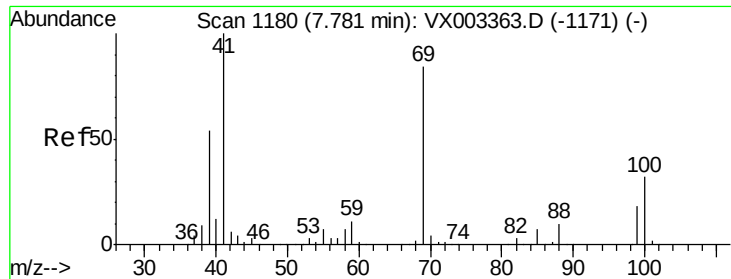
#47
Bromodichloromethane
Concen: 1.002 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 83 Resp: 4051
Ion Ratio Lower Upper
83 100
85 58.6 50.3 75.5
127 9.7 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: 1.040 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

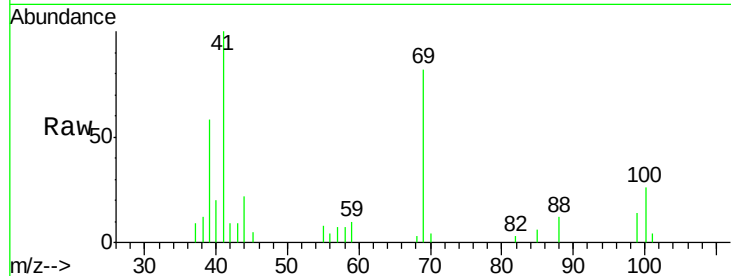
Tgt Ion: 41 Resp: 3659

Ion Ratio Lower Upper

41 100

69 77.6 59.1 88.7

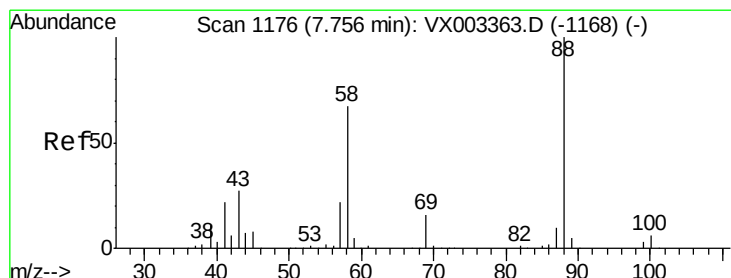
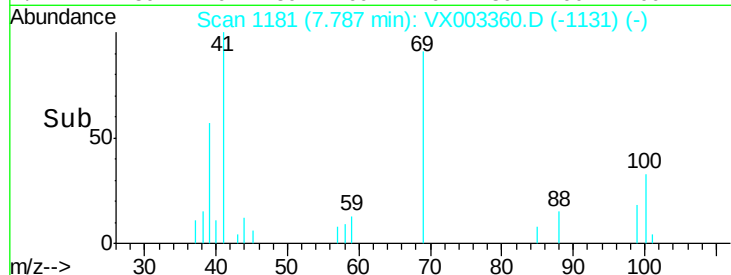
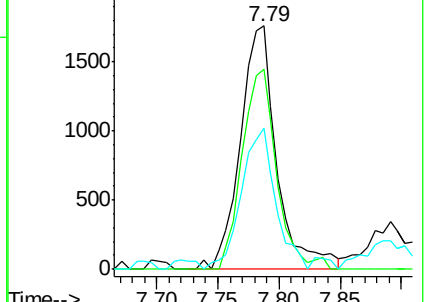
39 53.8 48.9 73.3



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: 19.406 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

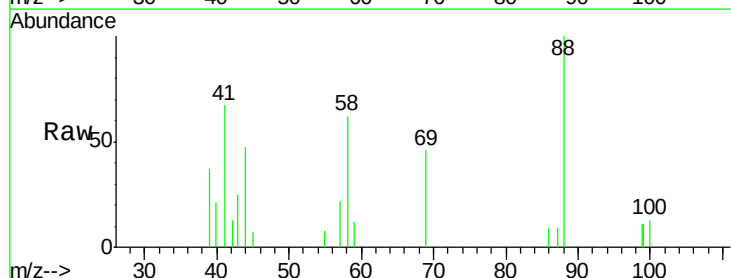
Tgt Ion: 88 Resp: 1490

Ion Ratio Lower Upper

88 100

43 39.9 29.8 44.6

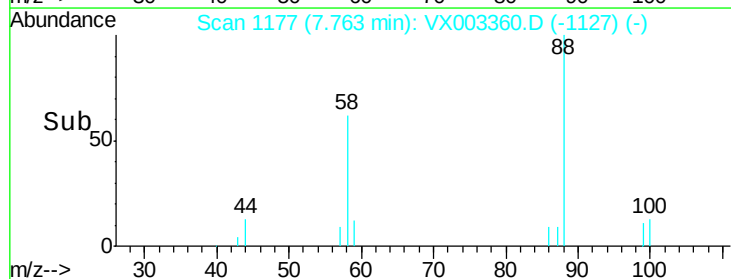
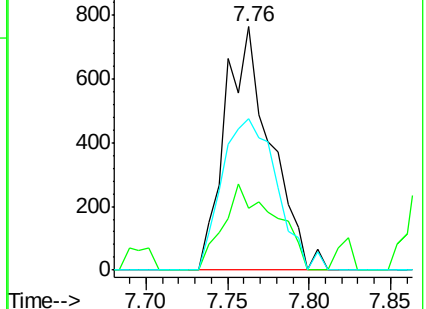
58 74.6 57.1 85.7

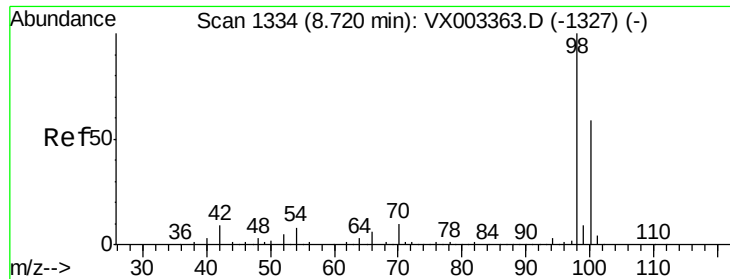


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: -0.220 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

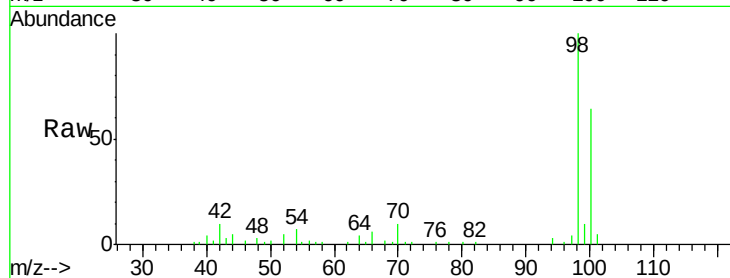
VSTDIC001

Tgt Ion: 98 Resp: 14746

Ion Ratio Lower Upper

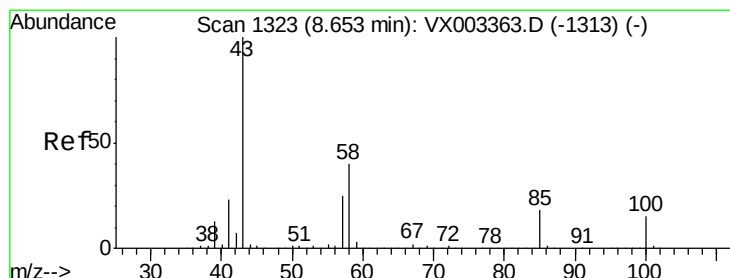
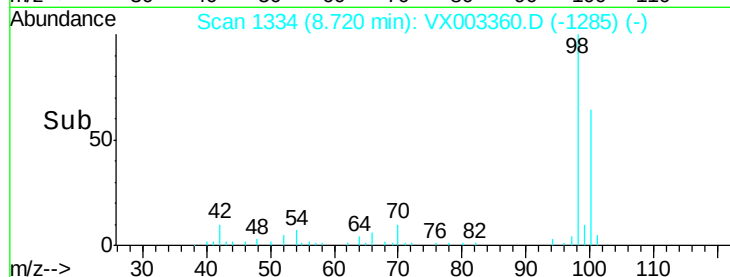
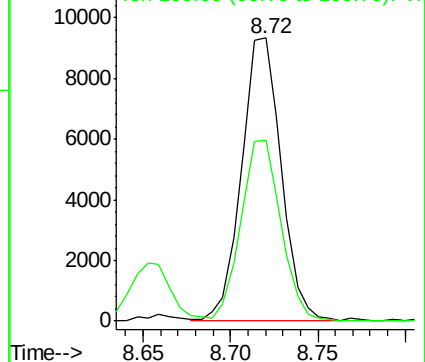
98 100

100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 4.871 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003360.D

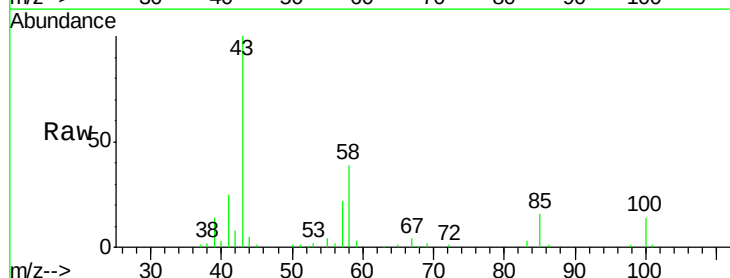
Acq: 13 Jul 2018 11:33

Tgt Ion: 43 Resp: 21949

Ion Ratio Lower Upper

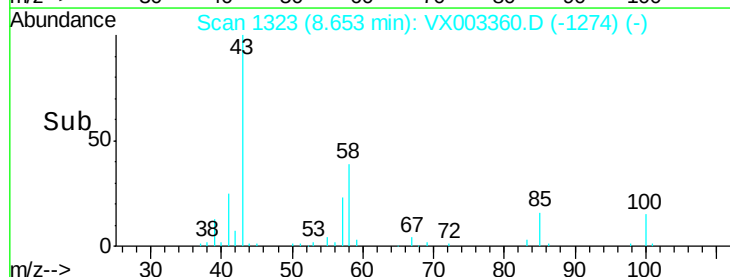
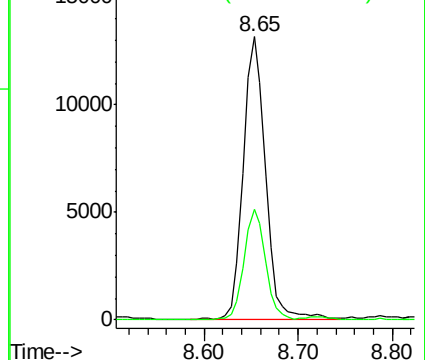
43 100

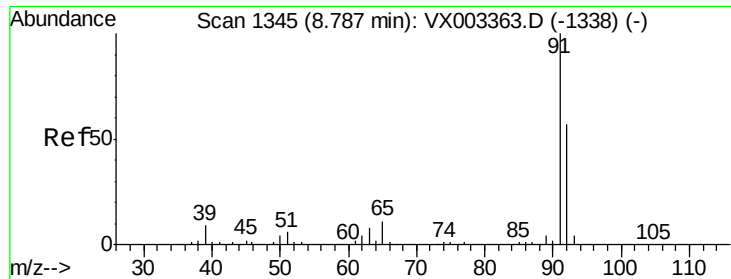
58 37.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 1.062 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

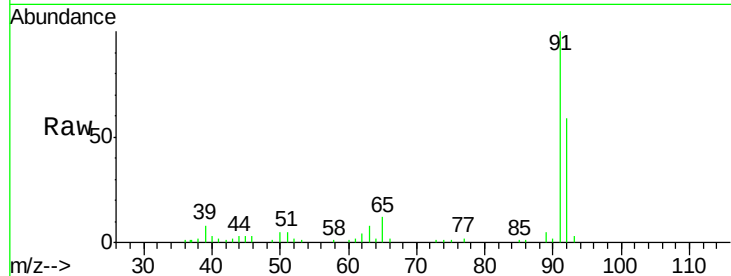
VSTDIC001

Tgt Ion: 92 Resp: 8462

Ion Ratio Lower Upper

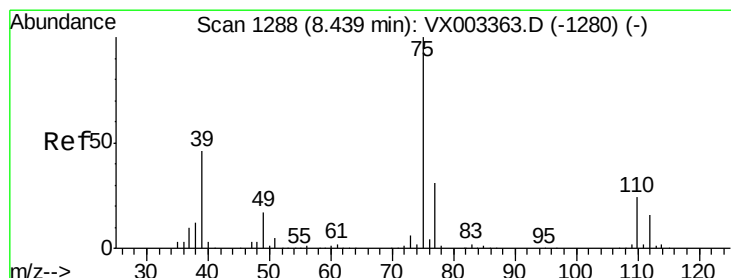
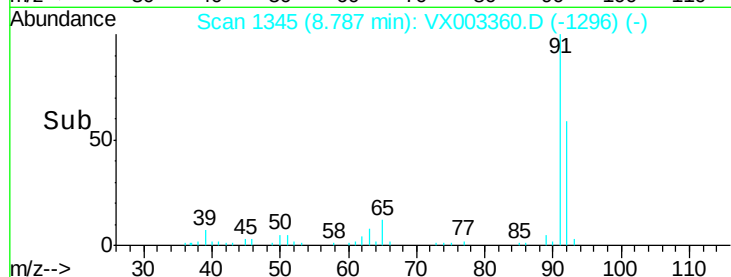
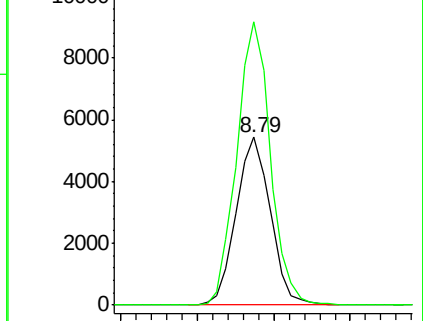
92 100

91 165.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.906 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003360.D

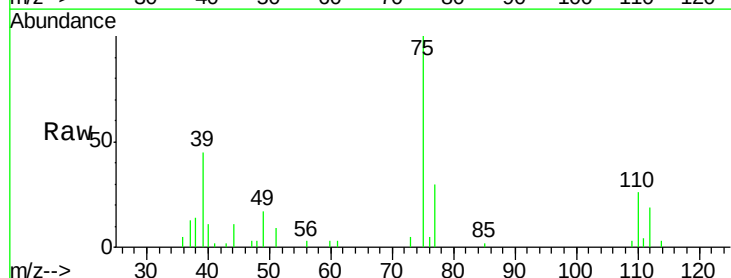
Acq: 13 Jul 2018 11:33

Tgt Ion: 75 Resp: 4303

Ion Ratio Lower Upper

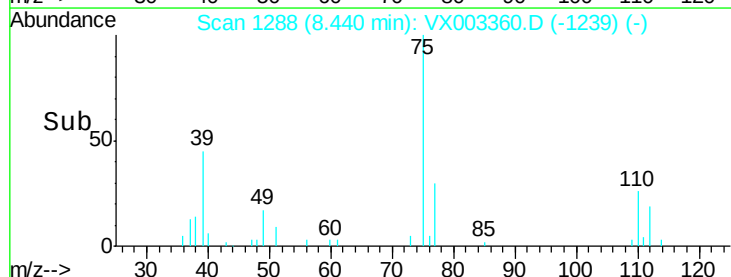
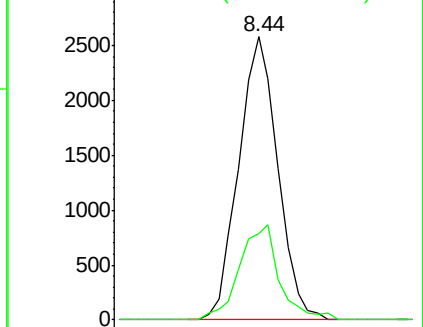
75 100

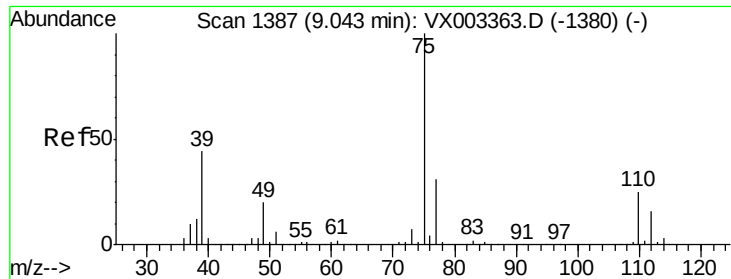
77 30.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



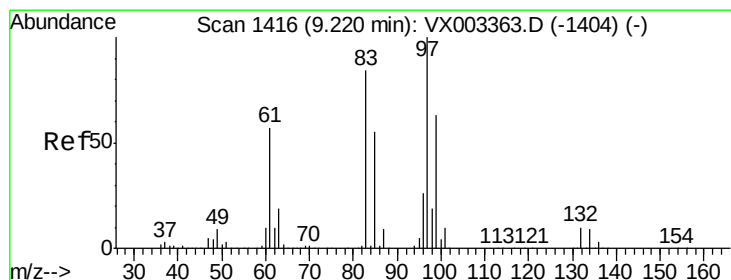
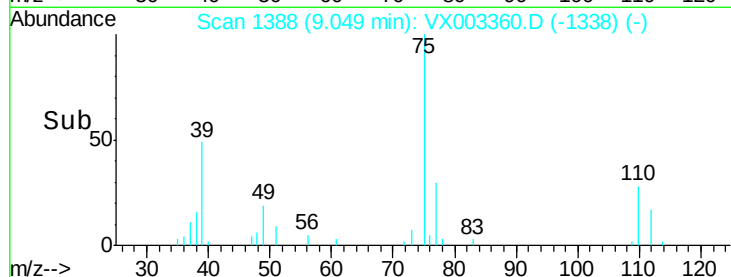
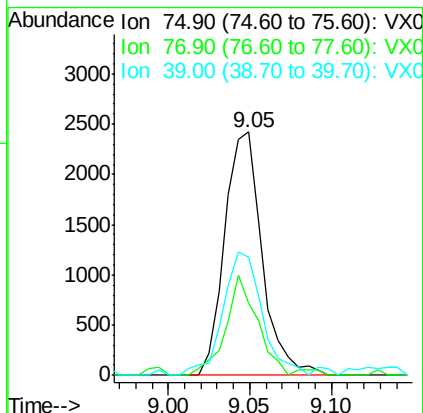
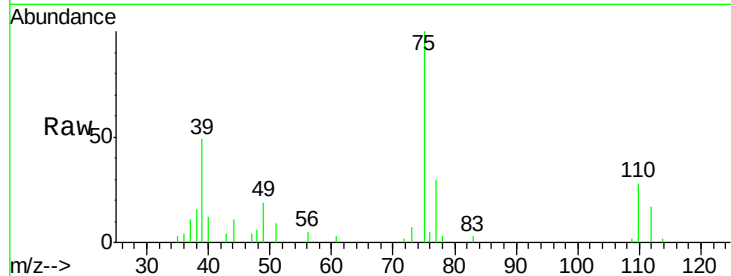


#54

cis-1,3-Dichloropropene
 Concen: 0.890 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

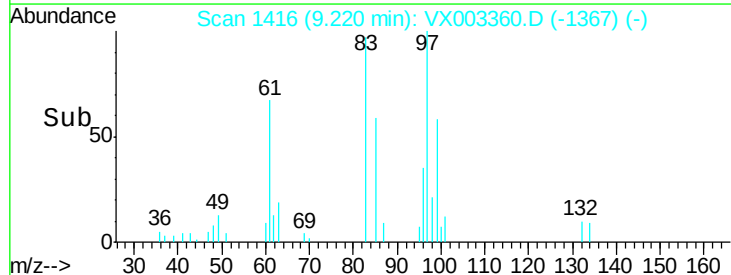
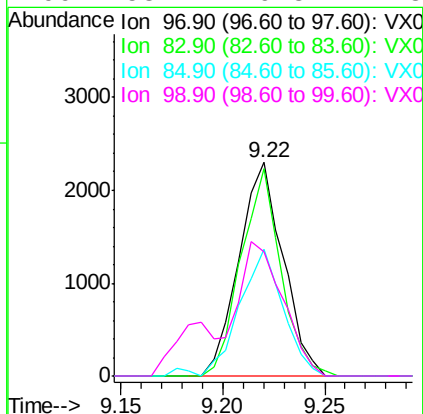
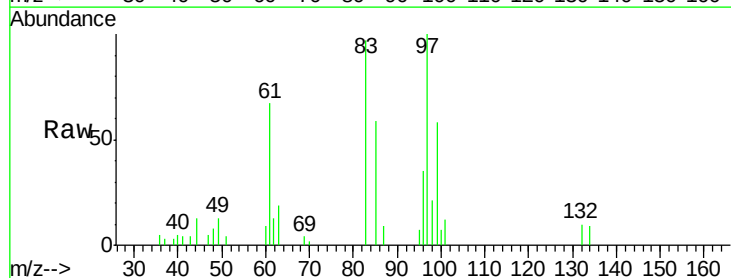
Tgt Ion: 75 Resp: 3860
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.8 37.2
 39 48.8 42.4 63.6

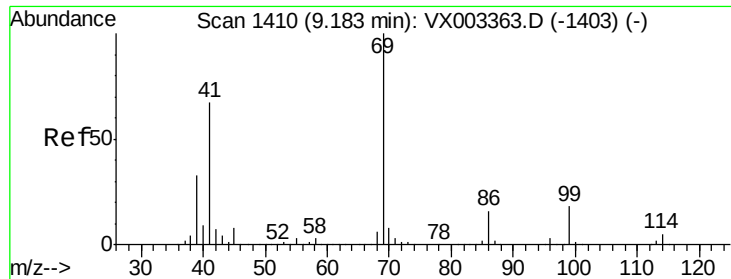


#55

1,1,2-Trichloroethane
 Concen: 1.038 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 97 Resp: 3451
 Ion Ratio Lower Upper
 97 100
 83 96.9 70.2 105.2
 85 59.4 44.9 67.3
 99 58.4 49.8 74.8





#56

Ethyl methacrylate

Concen: 0.884 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

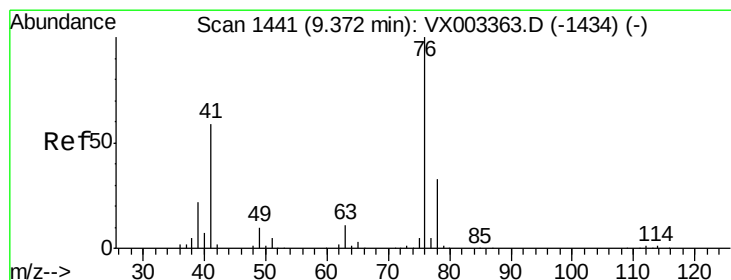
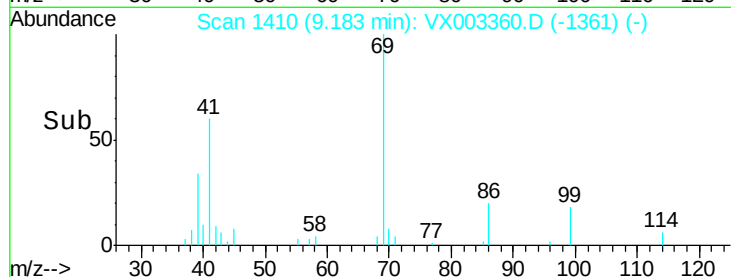
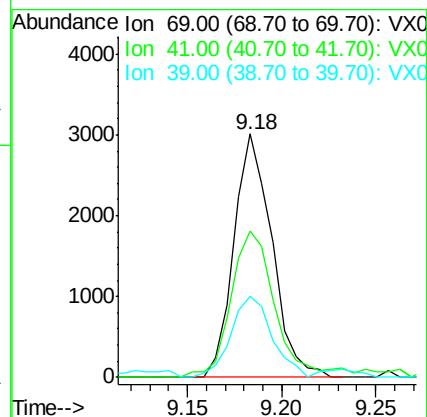
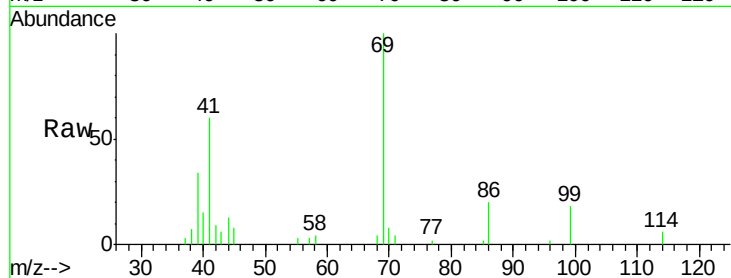
Tgt Ion: 69 Resp: 4197

Ion Ratio Lower Upper

69 100

41 70.8 60.3 90.5

39 36.0 35.8 53.8



#57

1,3-Dichloropropane

Concen: 1.038 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003360.D

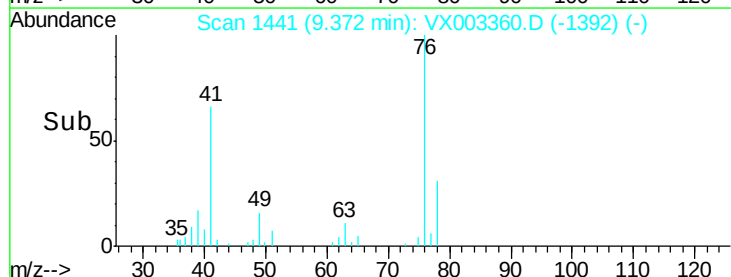
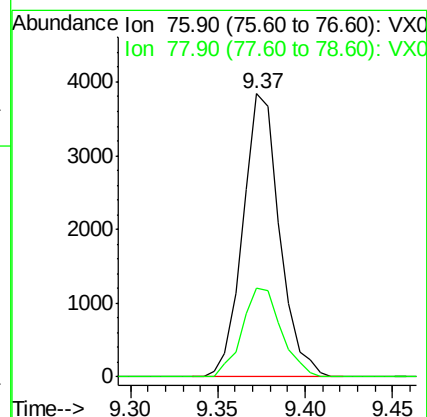
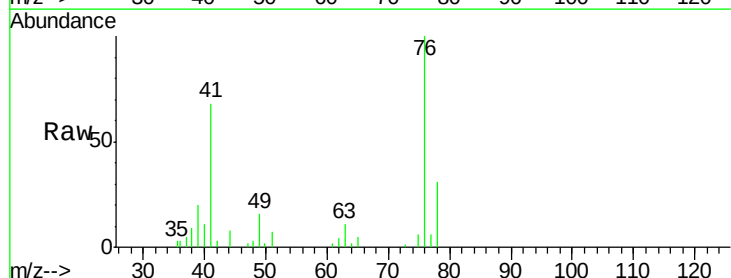
Acq: 13 Jul 2018 11:33

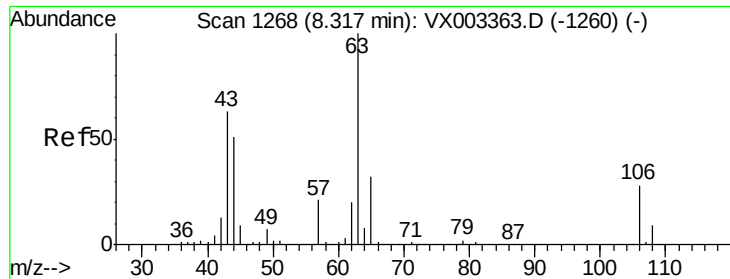
Tgt Ion: 76 Resp: 5594

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.6

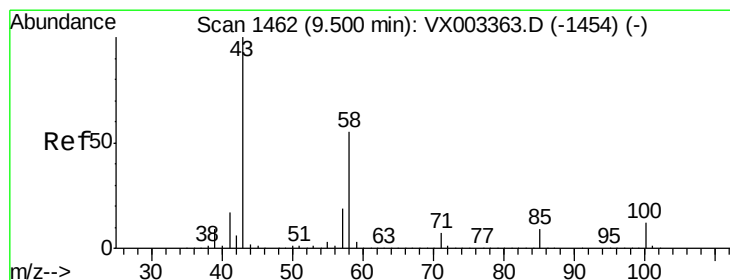
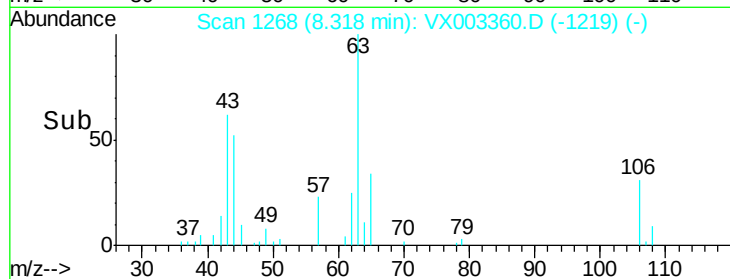
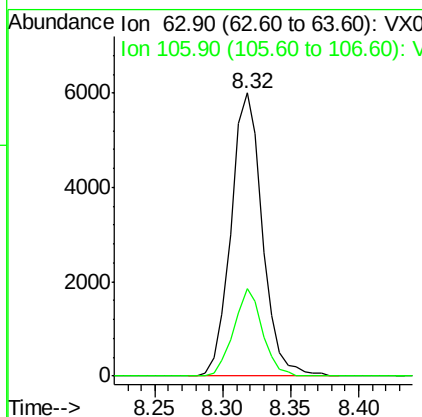
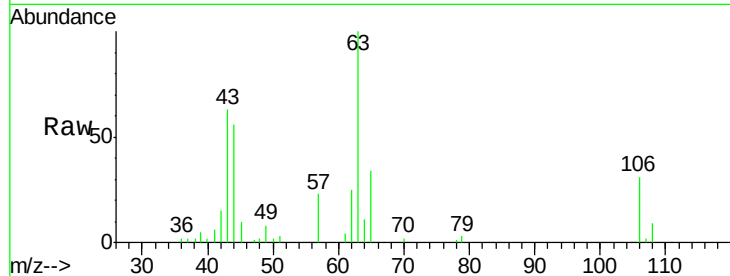




#58
 2-Chloroethyl Vinyl ether
 Concen: 4.175 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

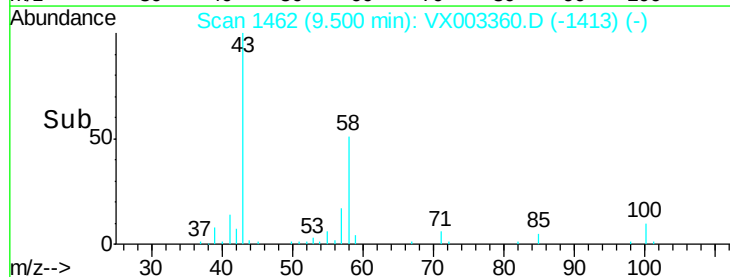
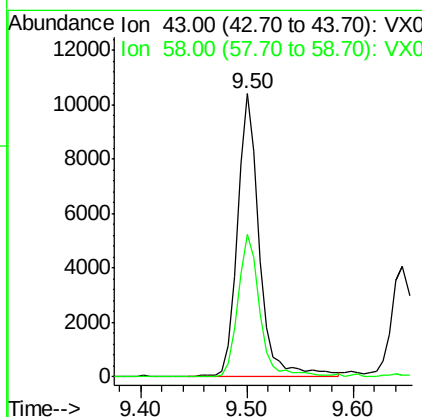
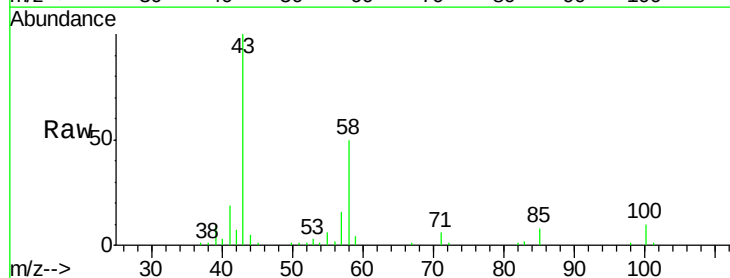
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

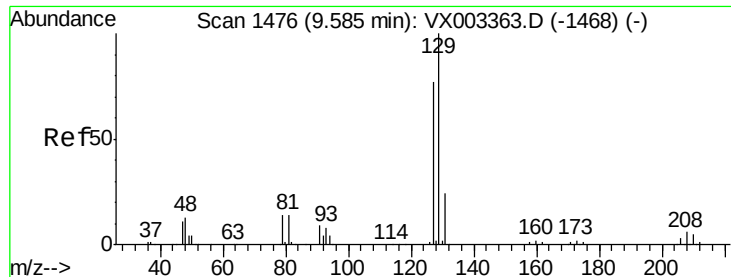
Tgt Ion: 63 Resp: 9637
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8



#59
 2-Hexanone
 Concen: 4.528 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 43 Resp: 15049
 Ion Ratio Lower Upper
 43 100
 58 50.4 24.6 73.6

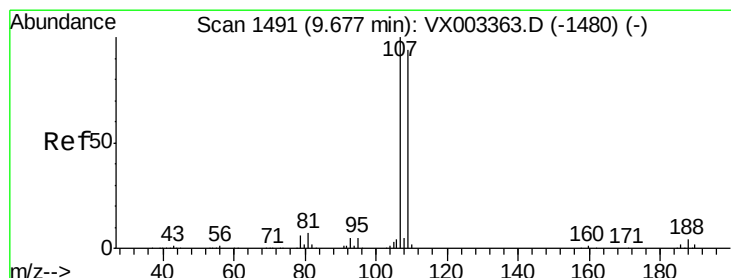
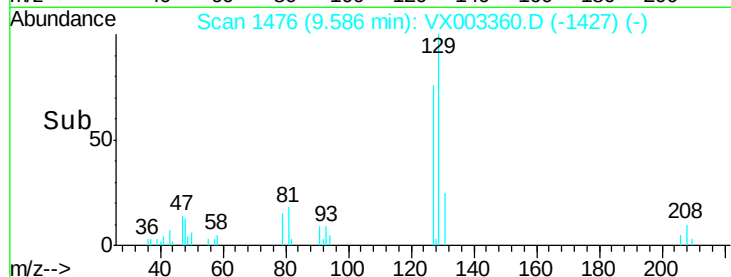
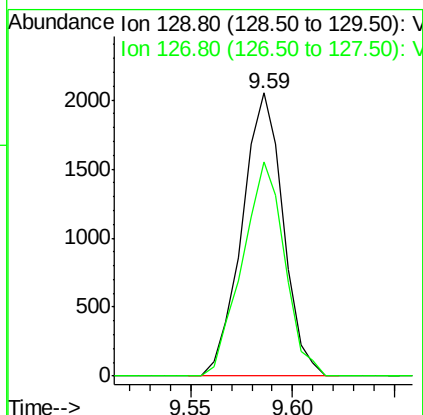
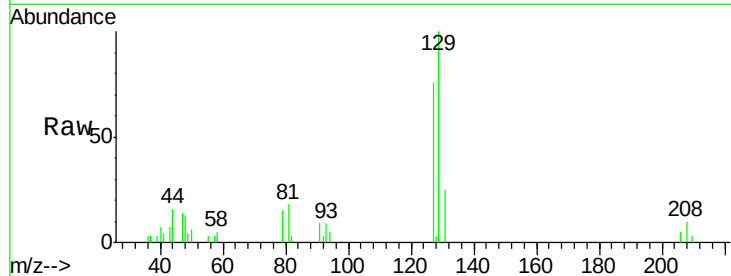




#60
 Dibromochloromethane
 Concen: 0.891 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

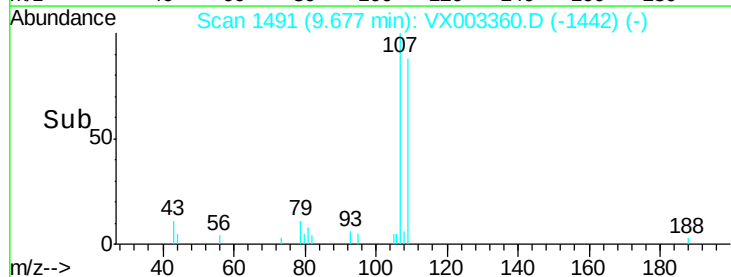
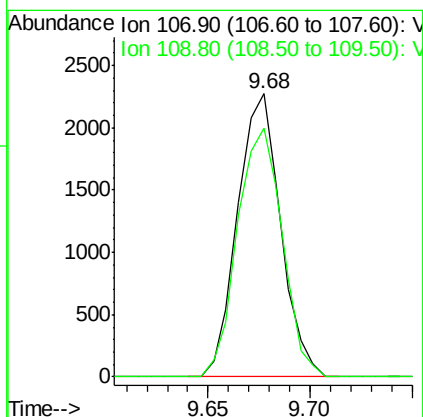
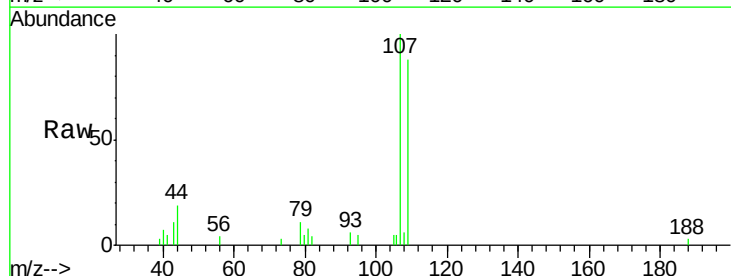
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

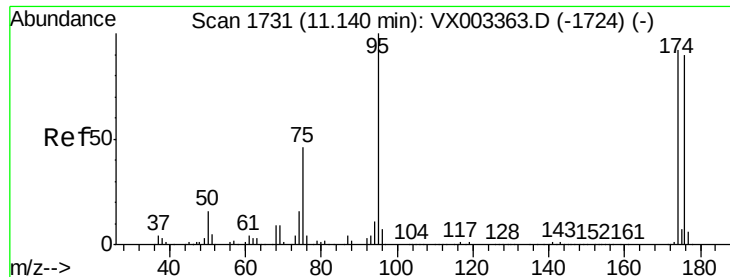
Tgt Ion:129 Resp: 2875
 Ion Ratio Lower Upper
 129 100
 127 78.1 38.5 115.3



#61
 1,2-Dibromoethane
 Concen: 0.994 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion:107 Resp: 3334
 Ion Ratio Lower Upper
 107 100
 109 91.2 75.3 112.9





#62

4-Bromofluorobenzene

Concen: 1.156 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

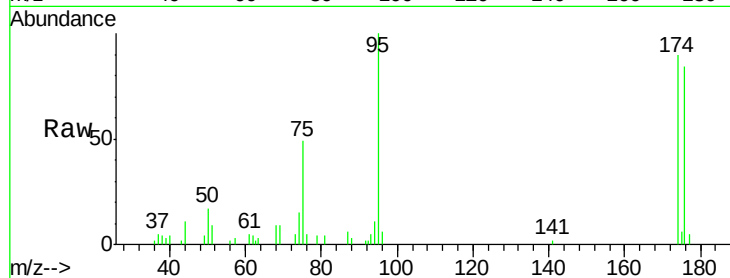
Tgt Ion: 95 Resp: 4478

Ion Ratio Lower Upper

95 100

174 89.4 0.0 187.4

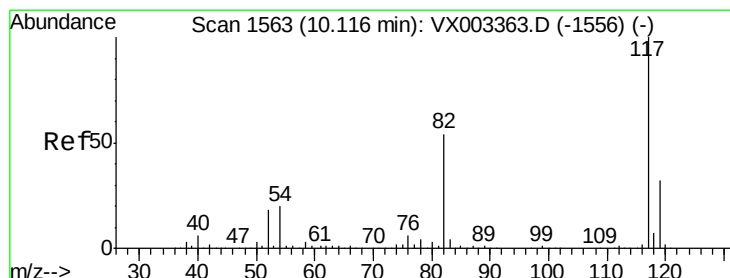
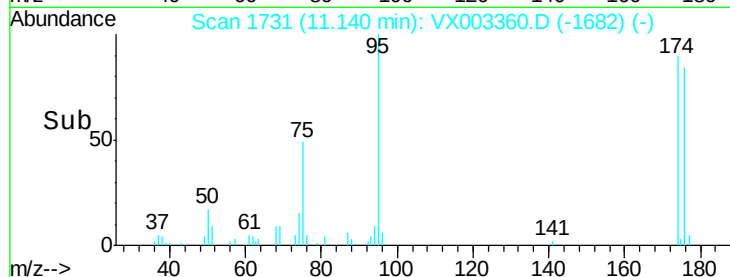
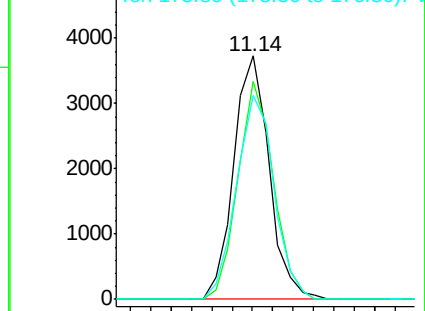
176 89.3 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003363.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003363.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003363.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

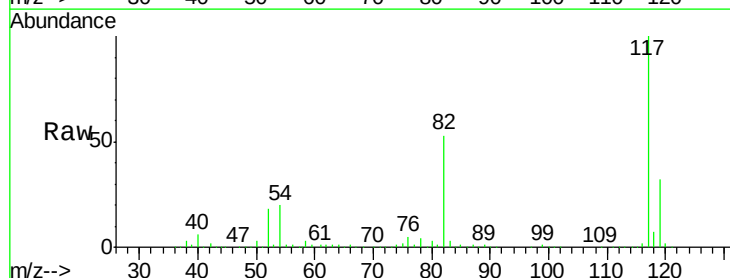
Tgt Ion: 117 Resp: 349995

Ion Ratio Lower Upper

117 100

82 52.7 45.0 67.4

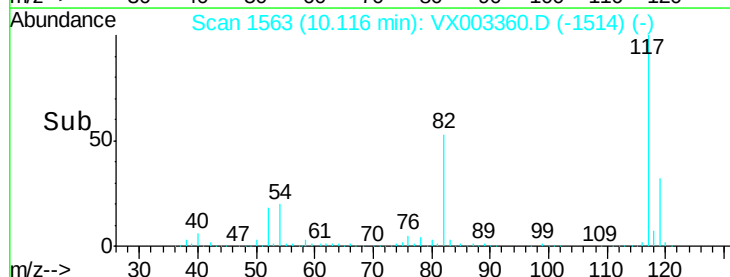
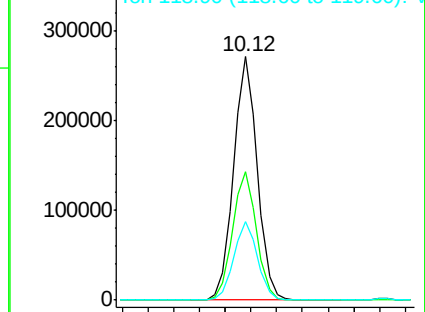
119 32.0 25.8 38.6

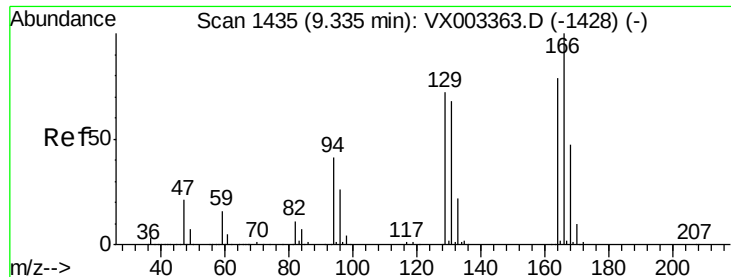


Abundance Ion 116.90 (116.60 to 117.60): VX003363.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003363.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003363.D (-1556) (-)

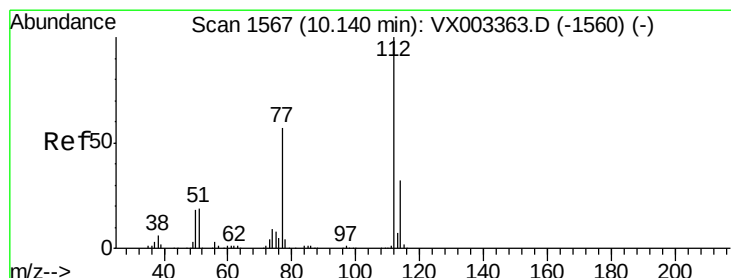
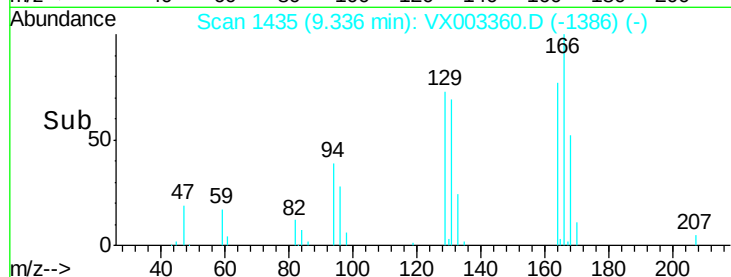
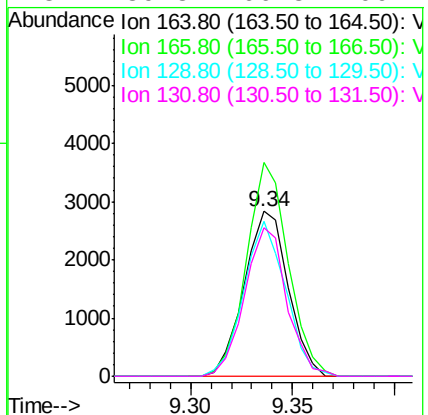
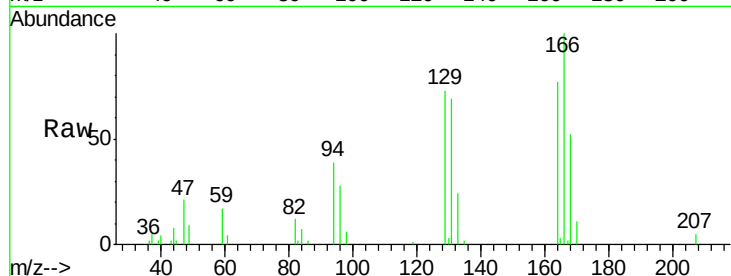




#64
Tetrachloroethene
Concen: 1.122 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

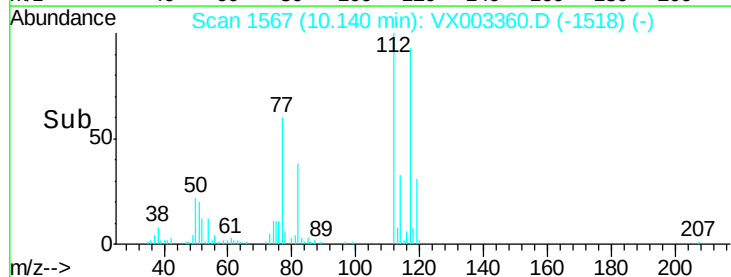
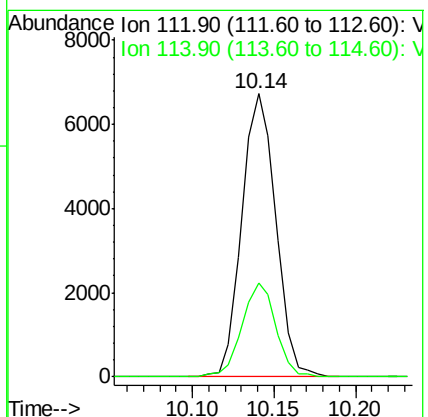
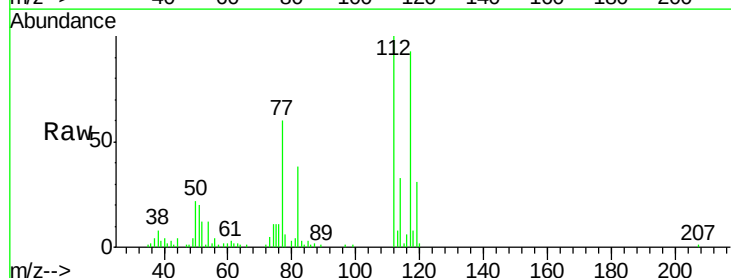
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

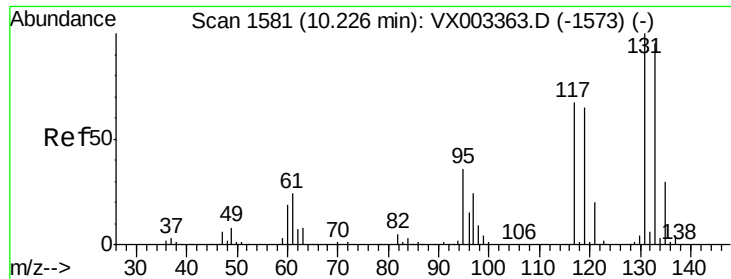
Tgt Ion:164 Resp: 4252
Ion Ratio Lower Upper
164 100
166 129.5 102.9 154.3
129 94.0 68.6 102.8
131 89.8 66.8 100.2



#65
Chlorobenzene
Concen: 1.086 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion:112 Resp: 9756
Ion Ratio Lower Upper
112 100
114 33.2 25.3 37.9

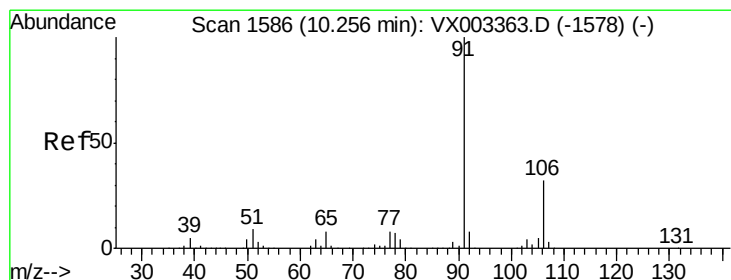
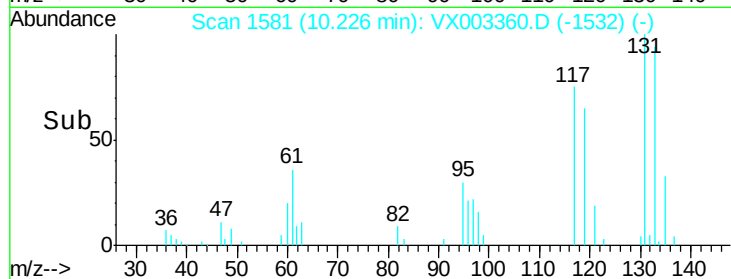
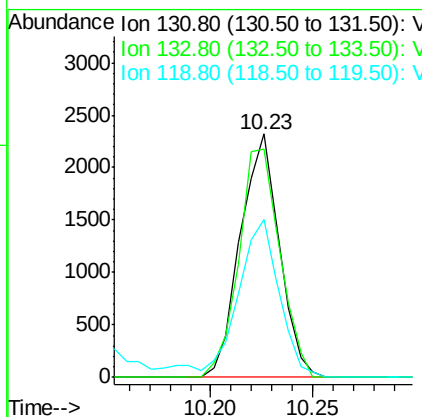
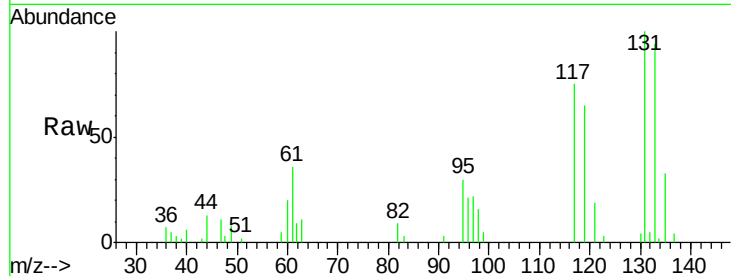




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.971 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

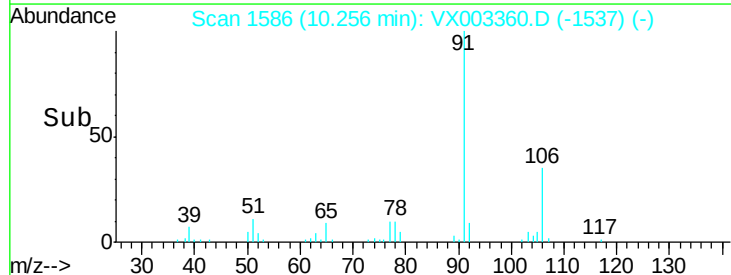
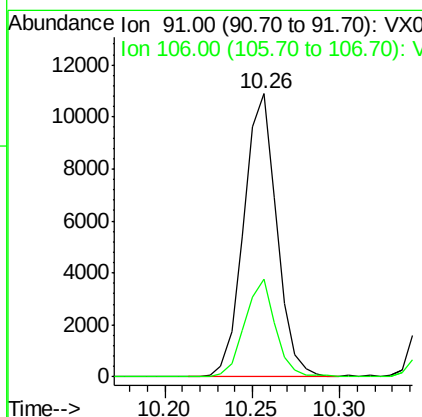
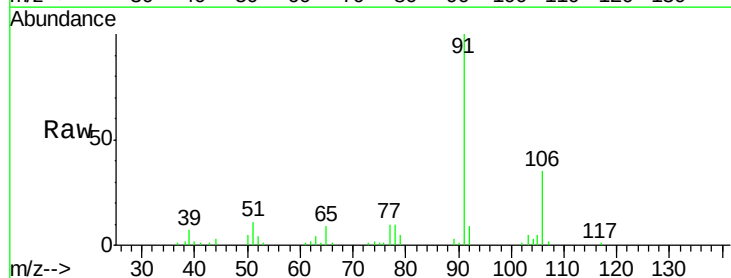
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

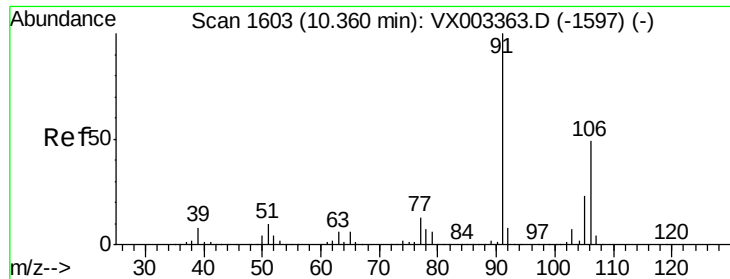
Tgt Ion: 131 Resp: 3086
 Ion Ratio Lower Upper
 131 100
 133 98.8 47.9 143.6
 119 0.0 31.8 95.3#



#67
 Ethyl Benzene
 Concen: 0.978 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 91 Resp: 14299
 Ion Ratio Lower Upper
 91 100
 106 34.5 25.5 38.3

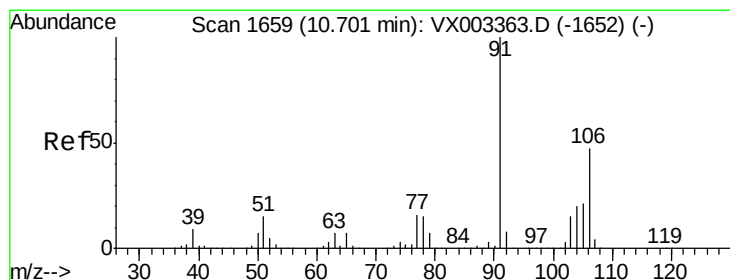
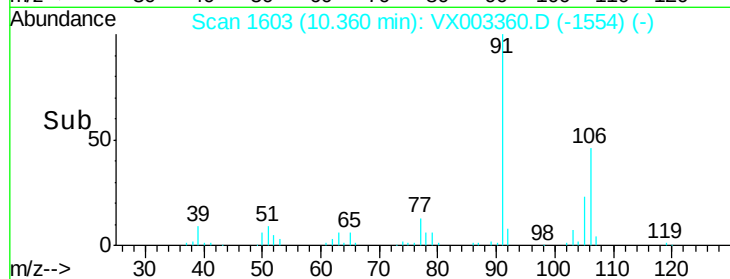
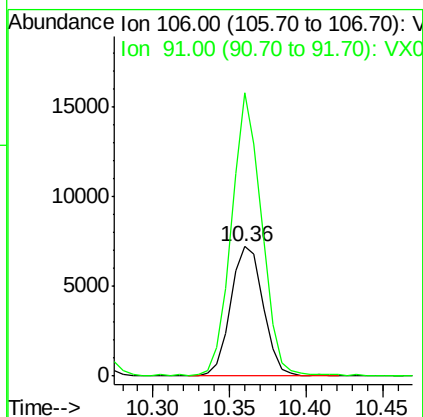
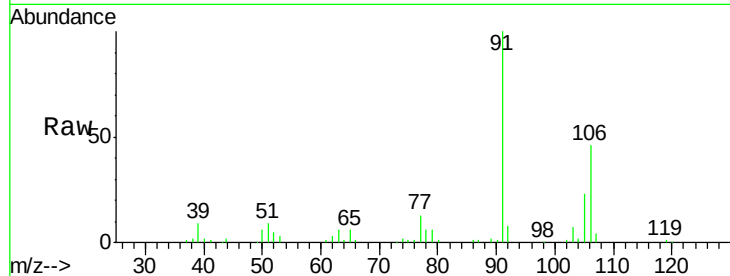




#68
m/p-Xylenes
Concen: 1.877 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

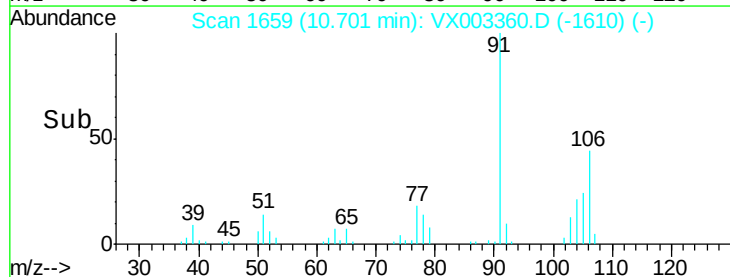
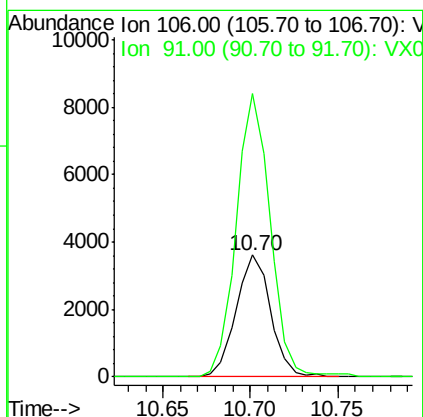
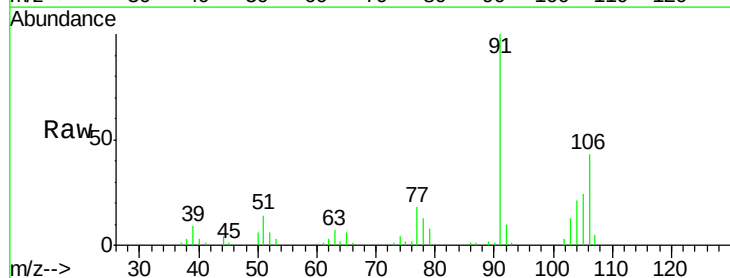
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

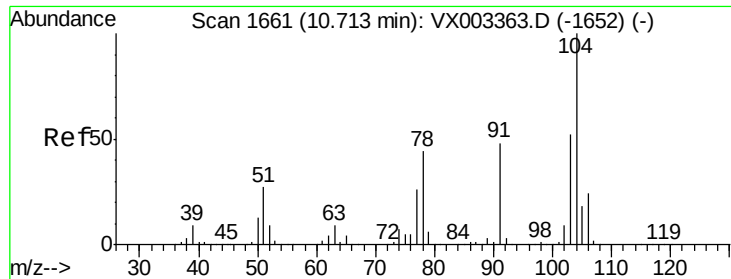
Tgt Ion:106 Resp: 10576
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2



#69
o-Xylene
Concen: 0.902 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion:106 Resp: 4966
Ion Ratio Lower Upper
106 100
91 228.5 108.2 324.6





#70

Styrene

Concen: 0.896 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

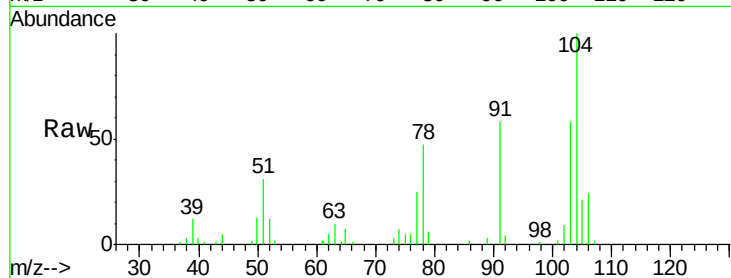
Tgt Ion:104 Resp: 8282

Ion Ratio Lower Upper

104 100

78 44.8 41.0 61.6

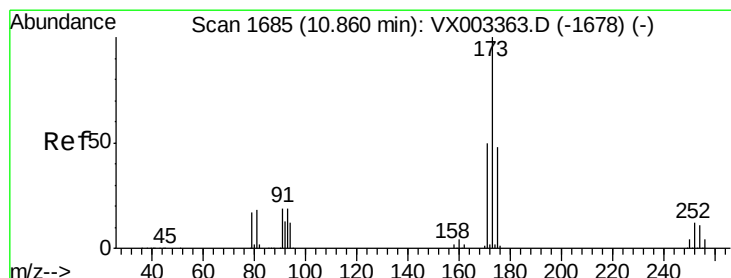
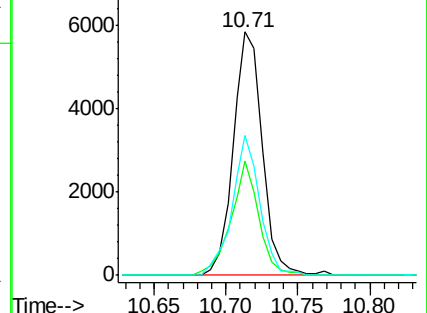
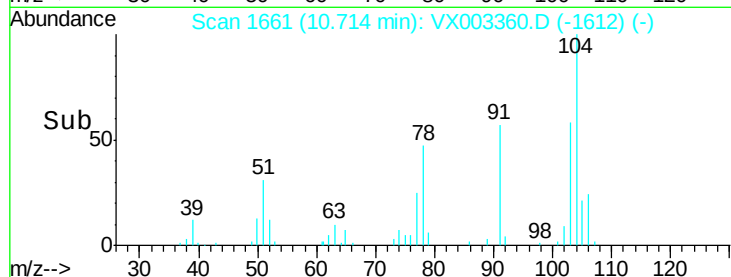
103 54.8 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.831 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

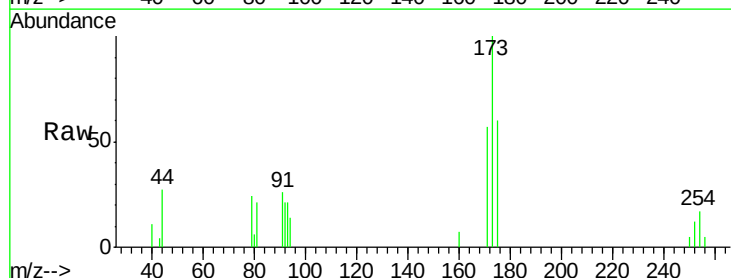
Tgt Ion:173 Resp: 2022

Ion Ratio Lower Upper

173 100

175 52.5 24.7 74.1

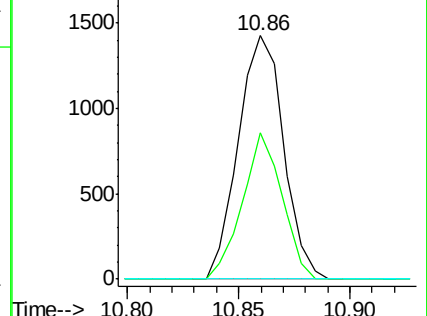
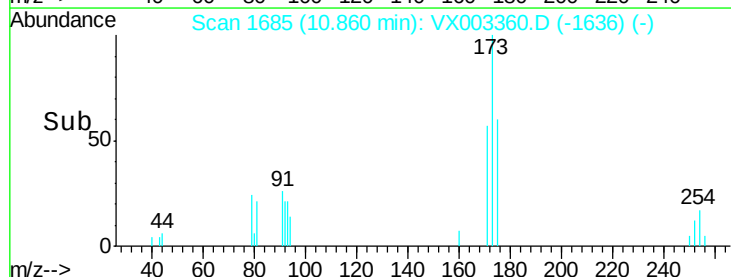
254 0.0 0.2 0.2#

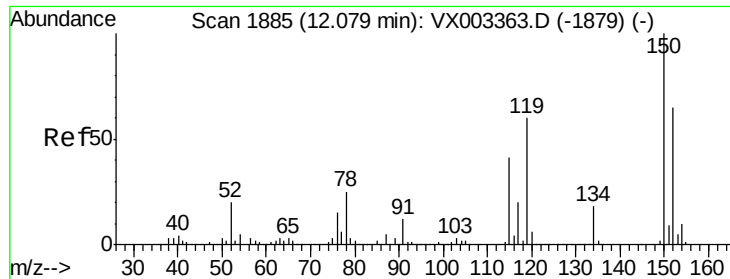


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

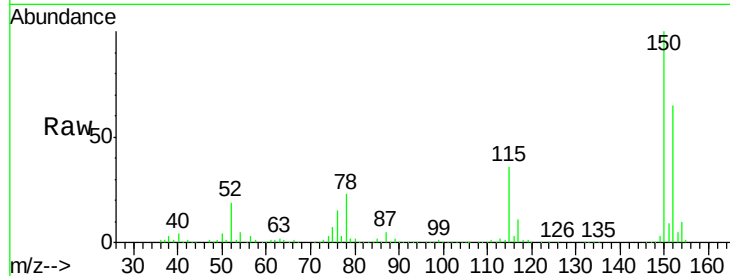
Tgt Ion:152 Resp: 202793

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

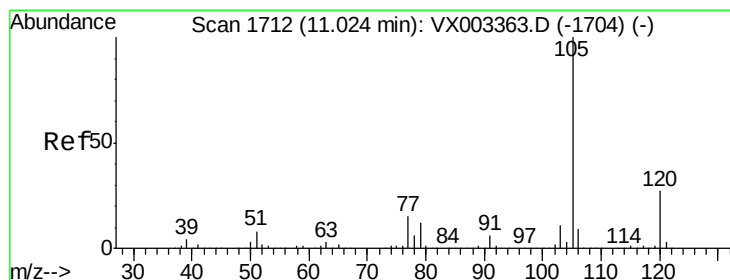
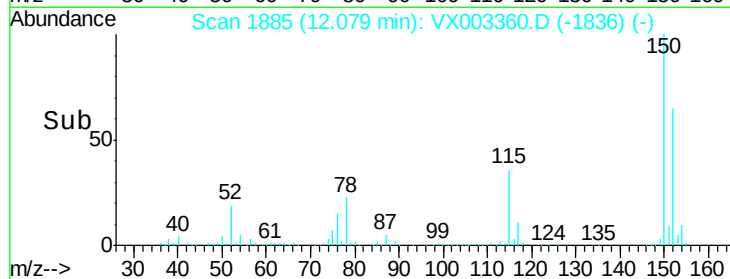
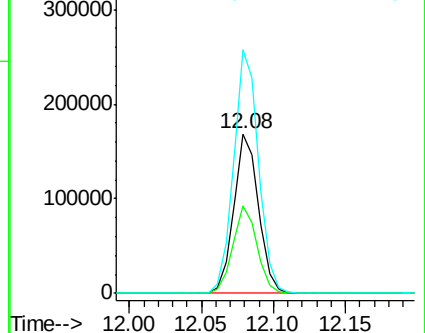
150 154.2 0.0 347.2



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: 0.943 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003360.D

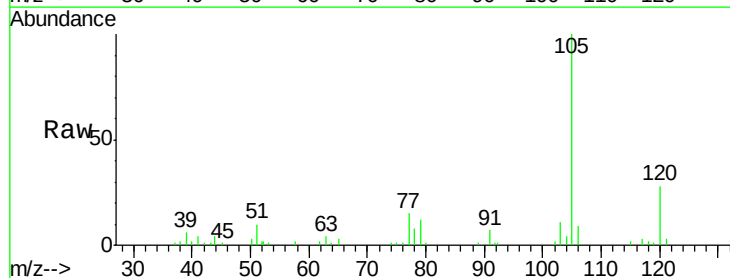
Acq: 13 Jul 2018 11:33

Tgt Ion:105 Resp: 13229

Ion Ratio Lower Upper

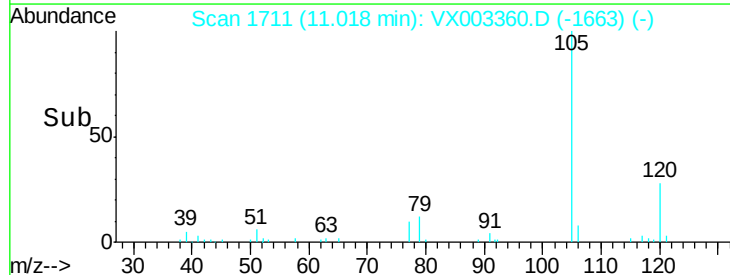
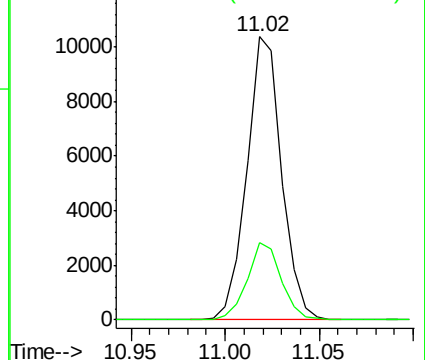
105 100

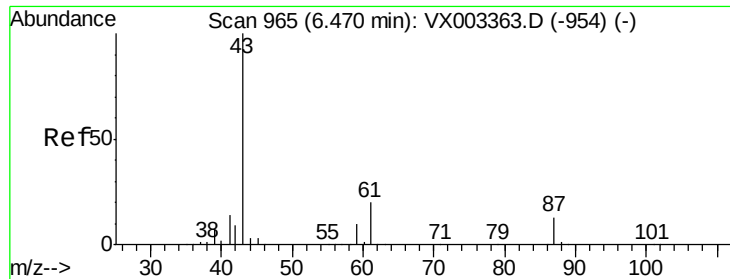
120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 1.117 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 7258

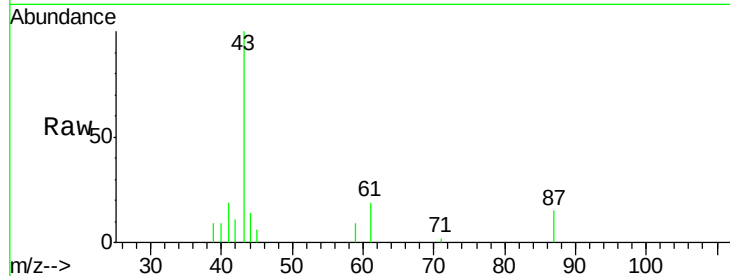
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.6 14.4 21.6

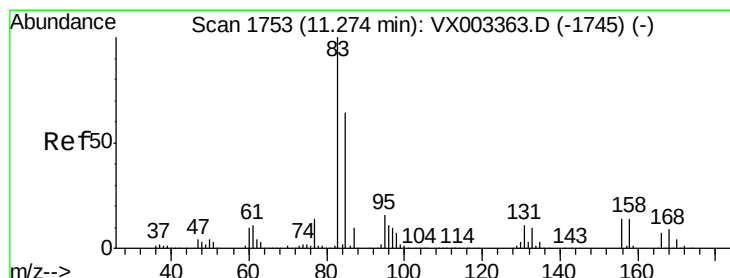
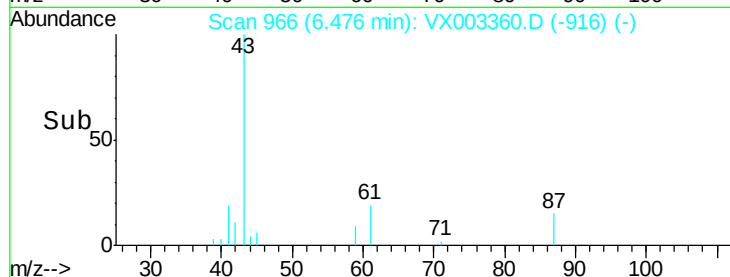
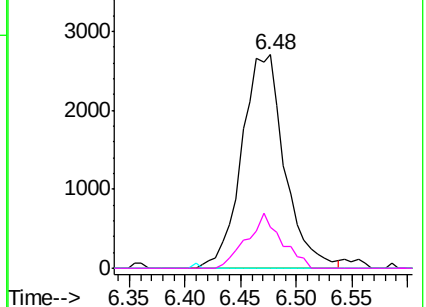


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.010 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

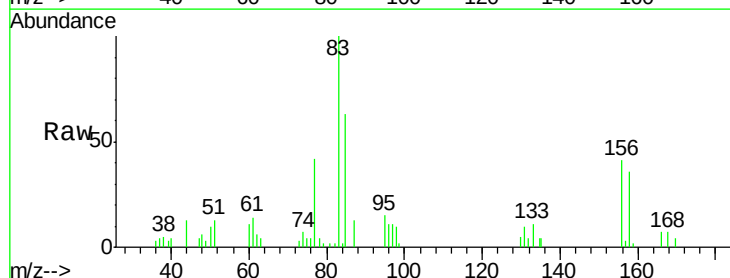
Tgt Ion: 83 Resp: 4624

Ion Ratio Lower Upper

83 100

131 12.2 5.6 16.8

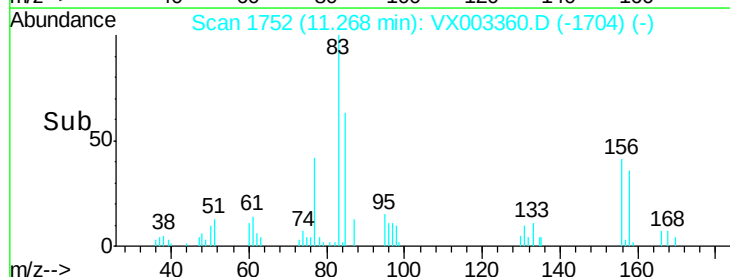
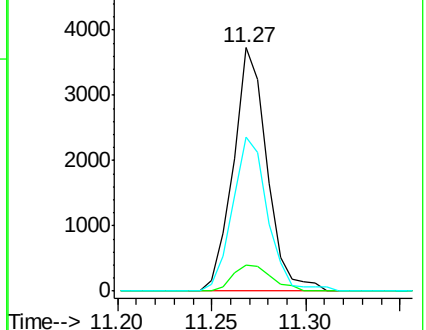
85 66.0 32.4 97.2

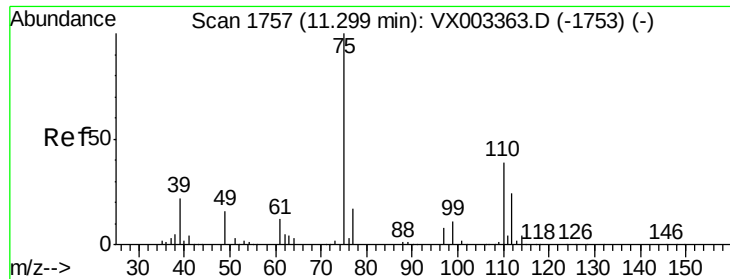


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

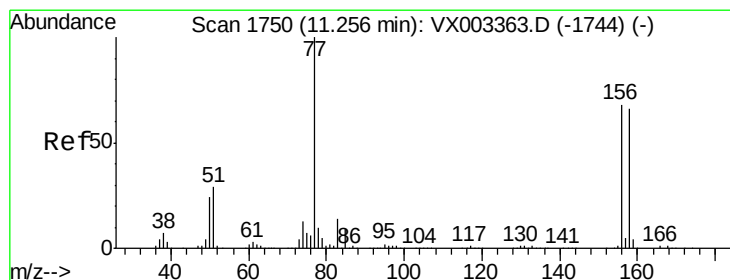
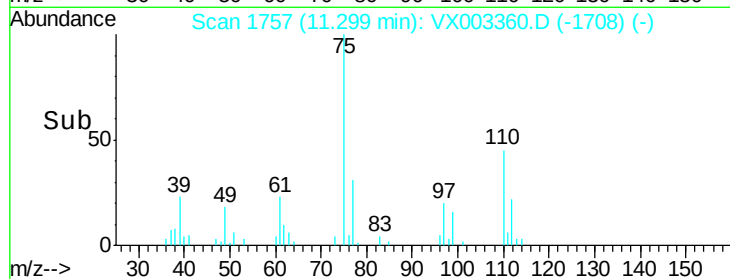
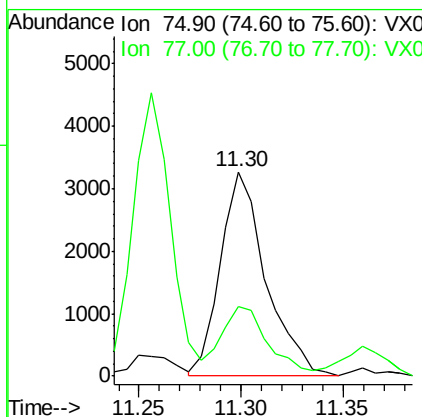
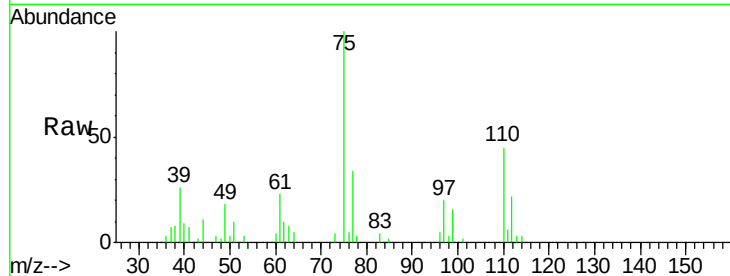




#76
 1,2,3-Trichloropropane
 Concen: 1.263 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

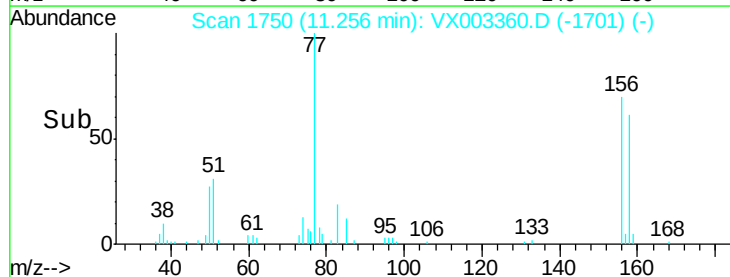
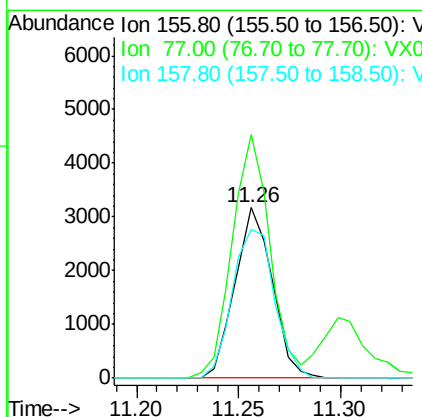
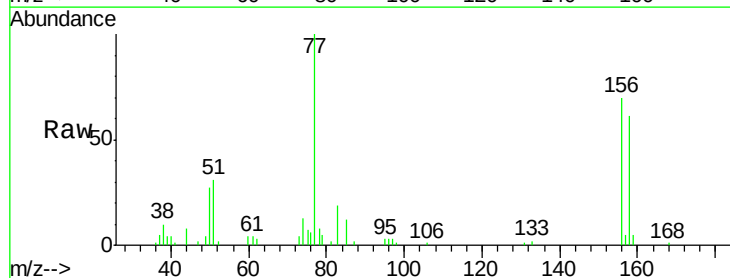
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

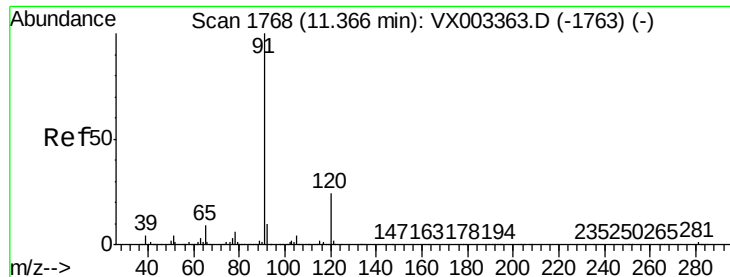
Tgt Ion: 75 Resp: 5060
 Ion Ratio Lower Upper
 75 100
 77 35.1 22.8 68.3



#77
 Bromobenzene
 Concen: 1.018 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 156 Resp: 4032
 Ion Ratio Lower Upper
 156 100
 77 144.6 71.4 214.2
 158 98.4 48.9 146.6





#78

n-propylbenzene

Concen: 0.939 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

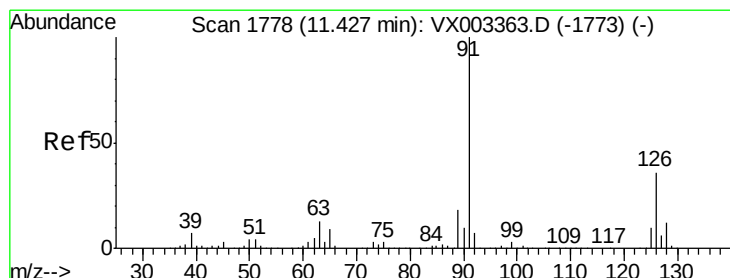
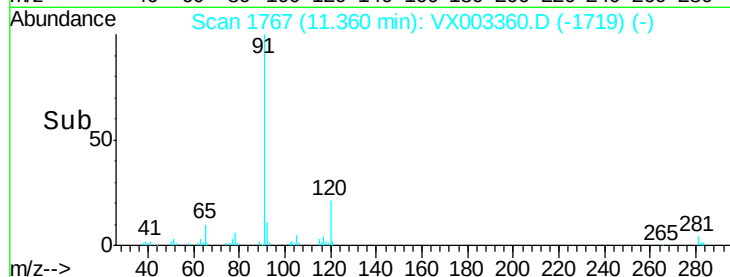
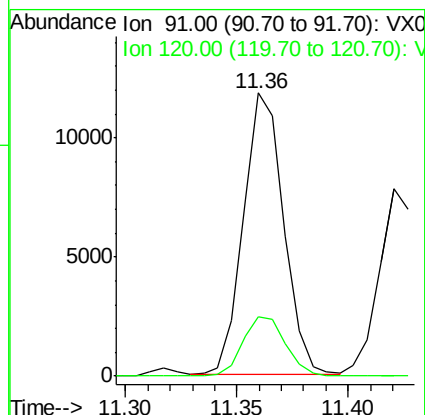
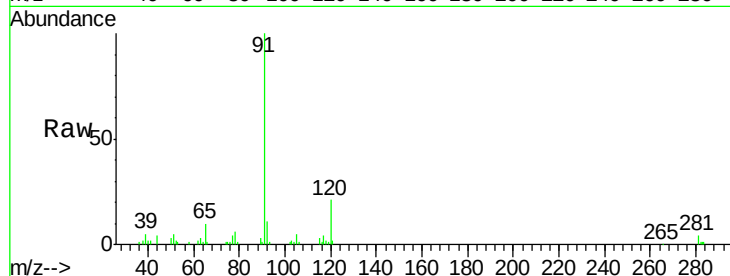
VSTDIC001

Tgt Ion: 91 Resp: 14879

Ion Ratio Lower Upper

91 100

120 22.3 11.8 35.4



#79

2-Chlorotoluene

Concen: 1.039 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003360.D

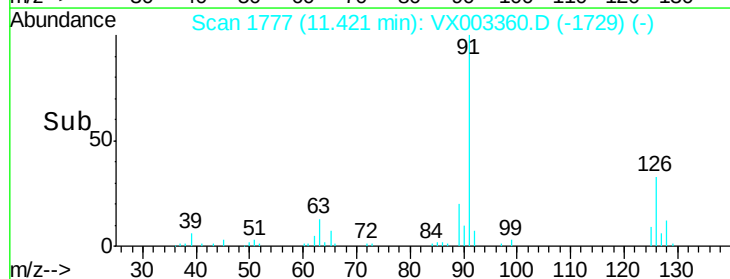
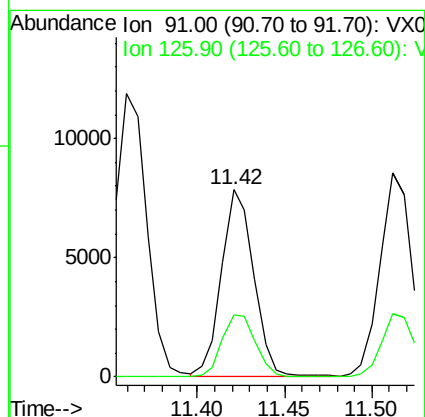
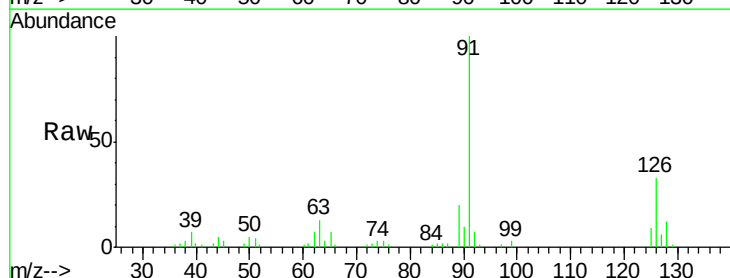
Acq: 13 Jul 2018 11:33

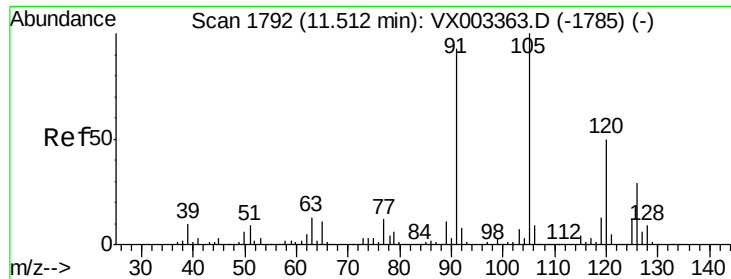
Tgt Ion: 91 Resp: 10174

Ion Ratio Lower Upper

91 100

126 34.2 17.7 53.1

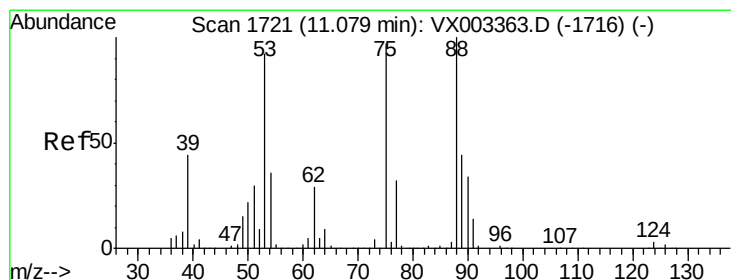
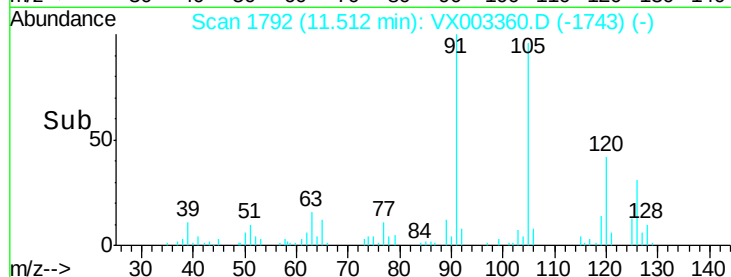
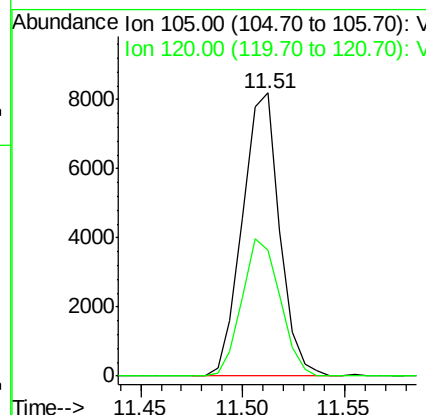
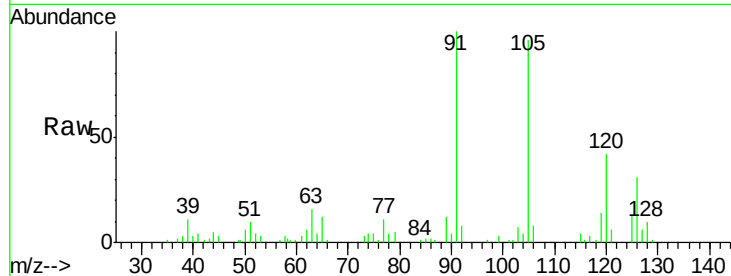




#80
 1,3,5-Trimethylbenzene
 Concen: 0.893 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

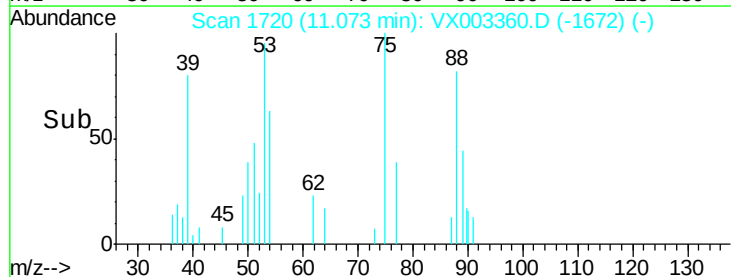
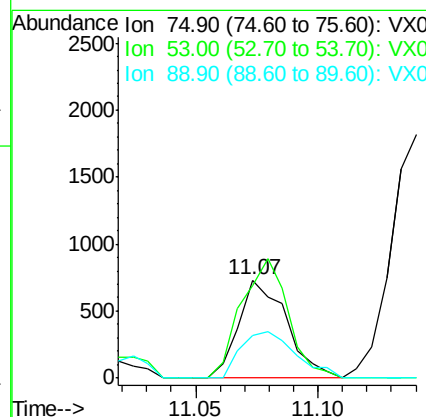
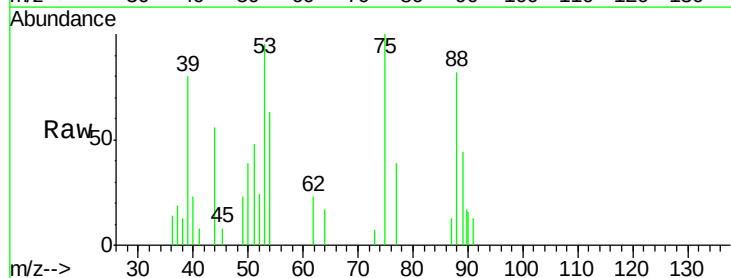
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

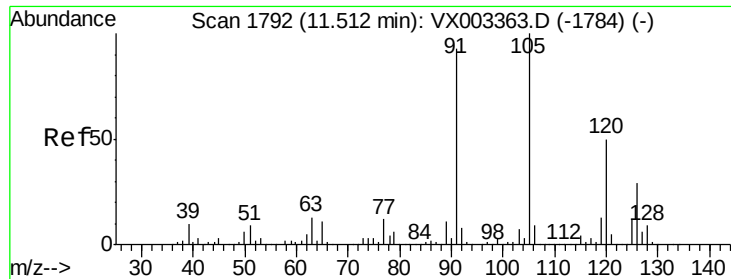
Tgt Ion:105 Resp: 10380
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.831 ug/l
 RT: 11.07 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 75 Resp: 999
 Ion Ratio Lower Upper
 75 100
 53 119.2 86.8 130.2
 89 53.7 38.2 57.2

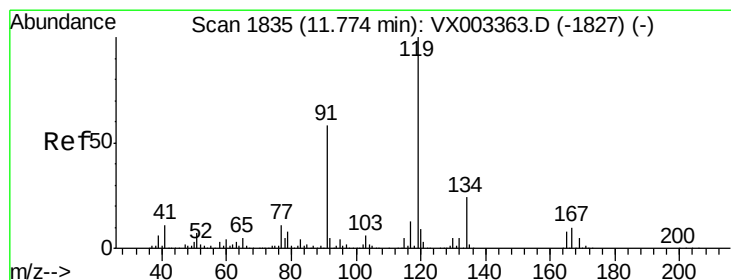
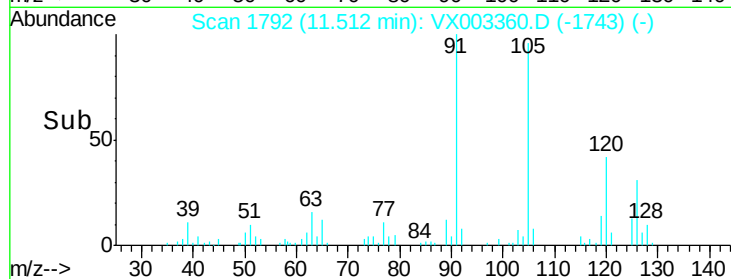
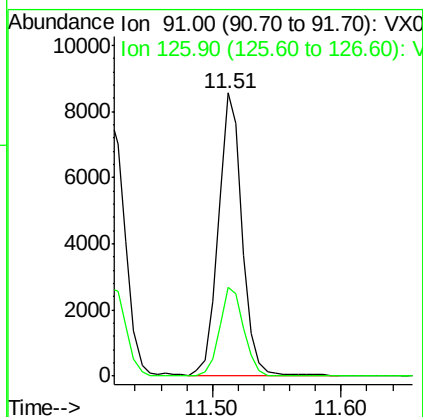
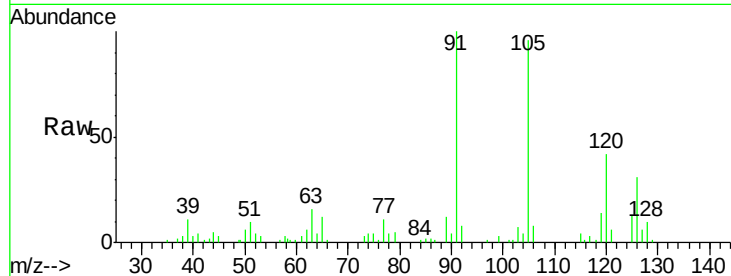




#82
4-Chlorotoluene
Concen: 0.980 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

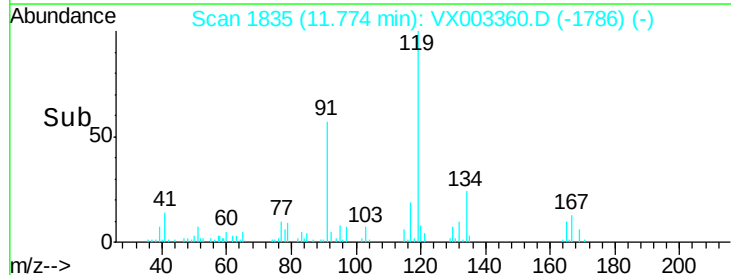
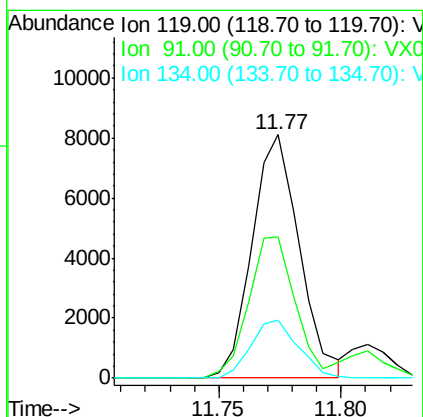
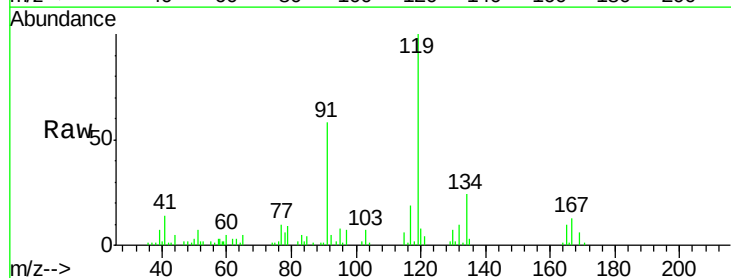
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

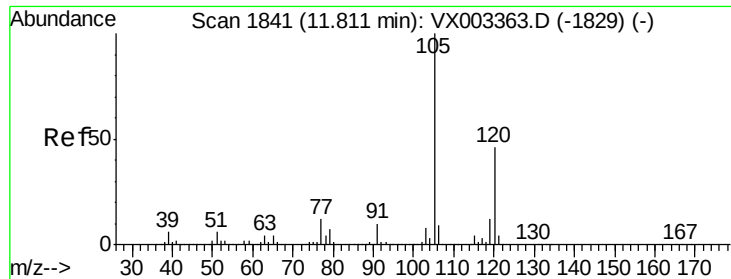
Tgt Ion: 91 Resp: 11183
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4



#83
tert-Butylbenzene
Concen: 0.945 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 119 Resp: 10871
Ion Ratio Lower Upper
119 100
91 57.2 30.3 90.9
134 24.0 11.7 35.1

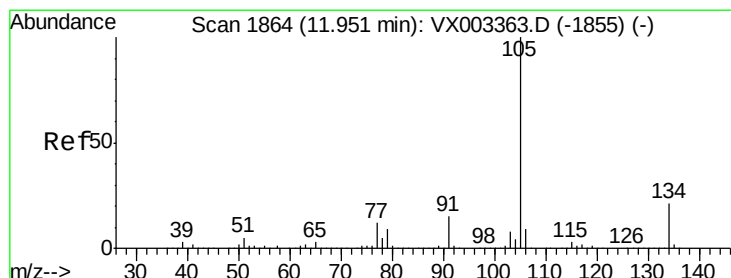
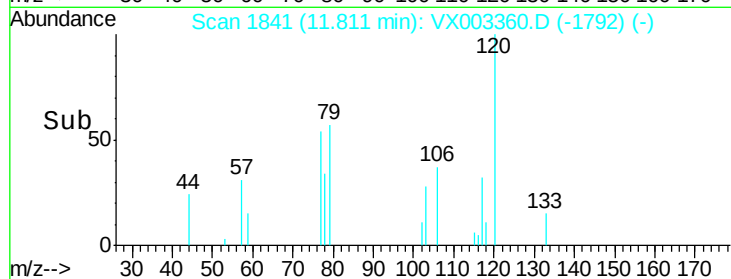
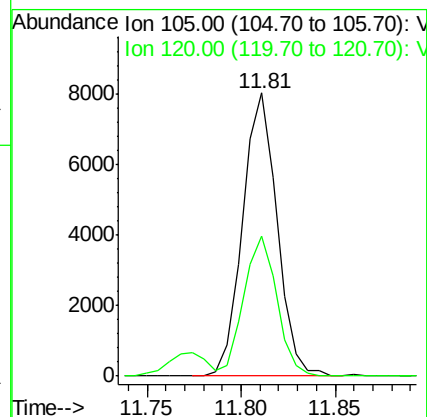
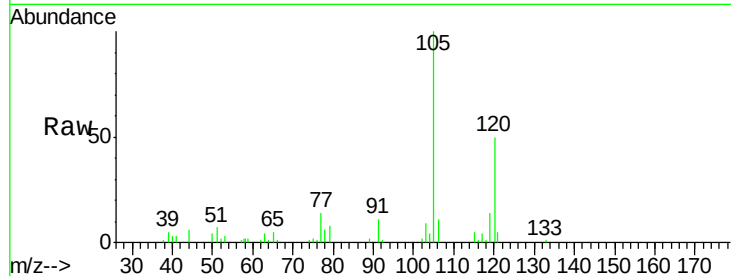




#84
 1,2,4-Trimethylbenzene
 Concen: 0.861 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

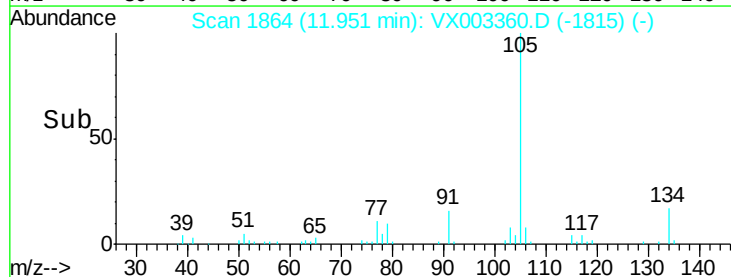
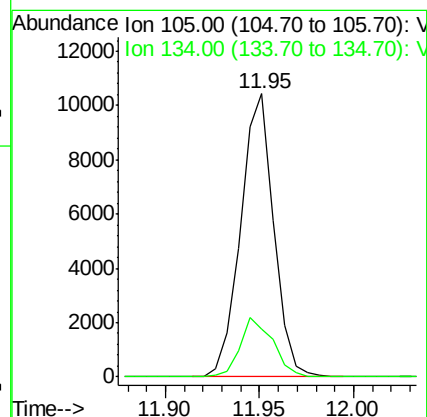
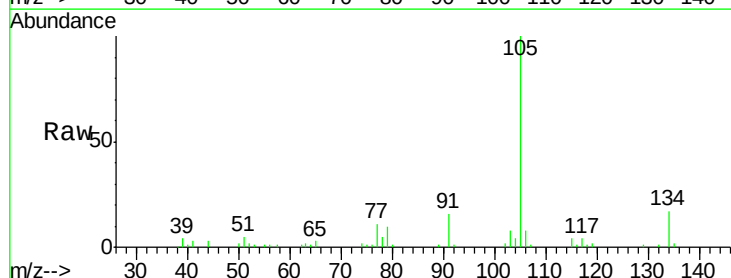
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

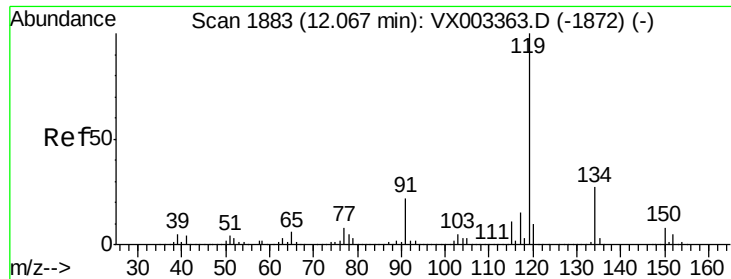
Tgt Ion:105 Resp: 10150
 Ion Ratio Lower Upper
 105 100
 120 47.8 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 0.921 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion:105 Resp: 12665
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

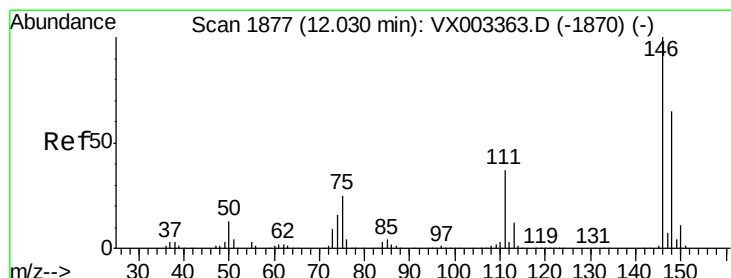
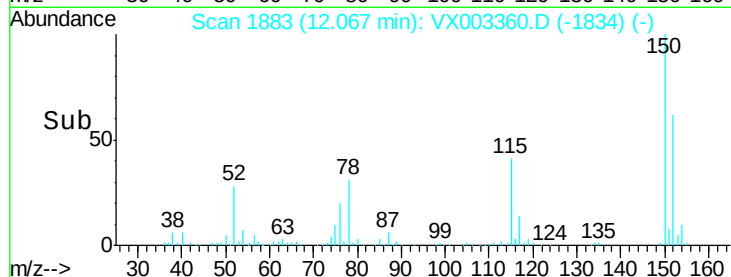
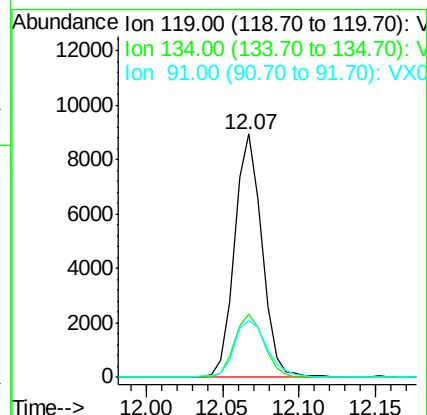
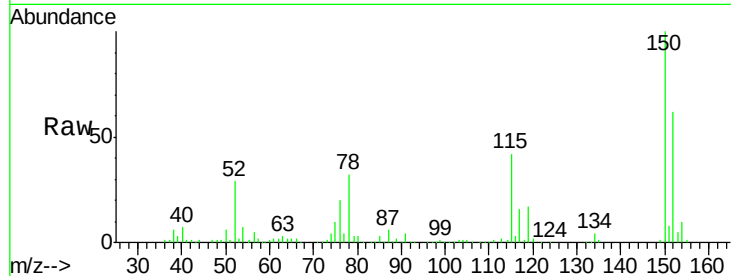




#86
 p-Isopropyltoluene
 Concen: 0.901 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

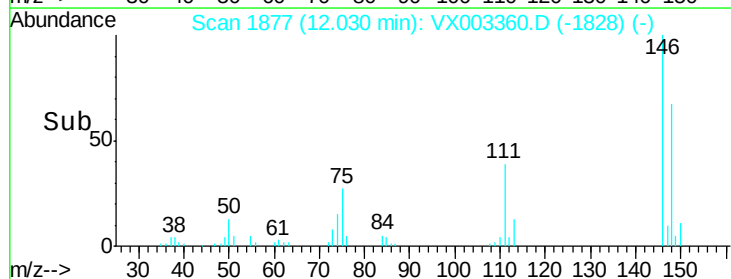
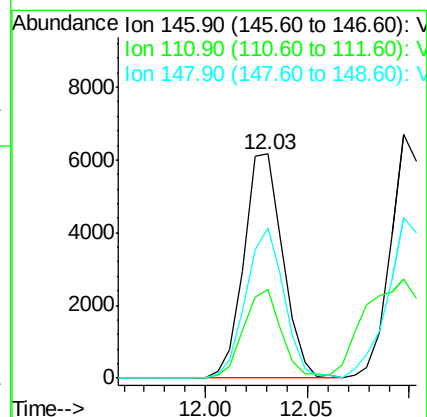
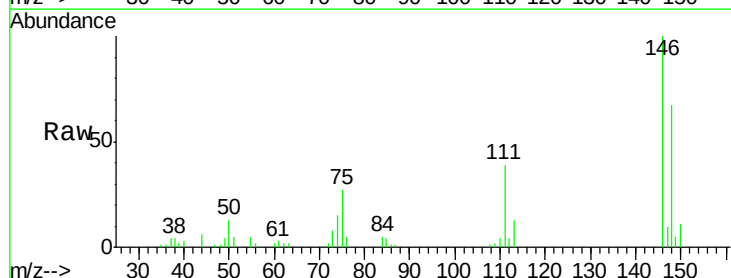
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

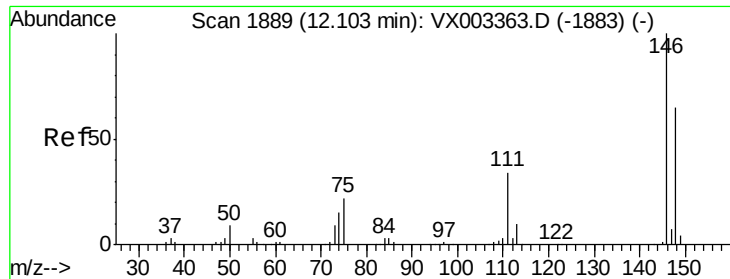
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.4	40.1
91	28.2	11.9	35.7



#87
 1,3-Dichlorobenzene
 Concen: 1.105 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.7
148	65.7	32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 1.088 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

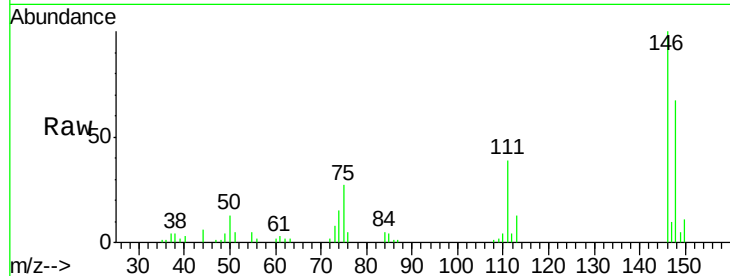
Tgt Ion:146 Resp: 8174

Ion Ratio Lower Upper

146 100

111 38.5 18.7 56.1

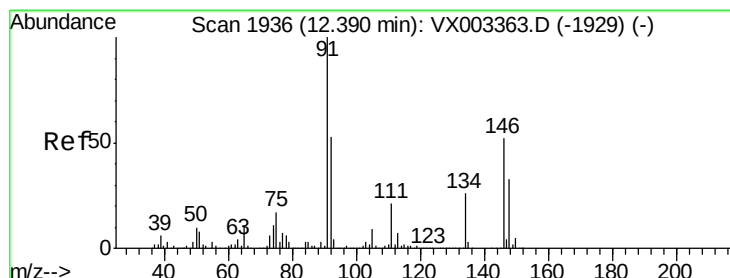
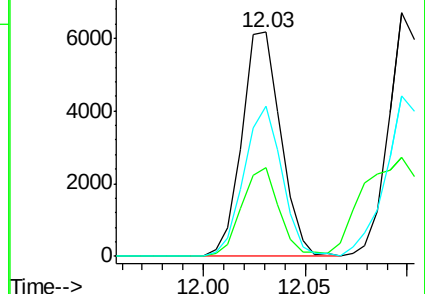
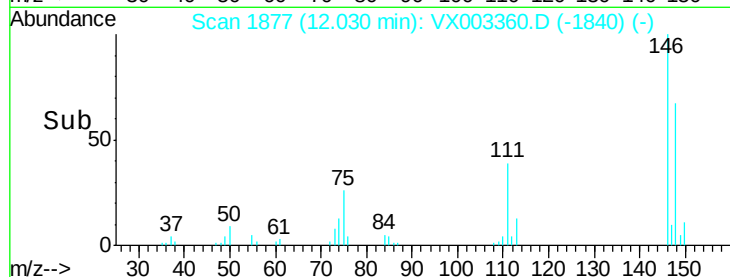
148 65.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.937 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

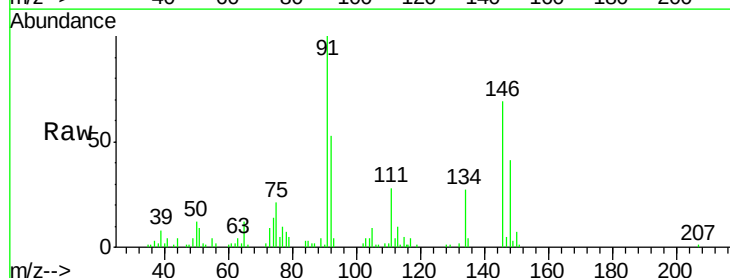
Tgt Ion: 91 Resp: 9861

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

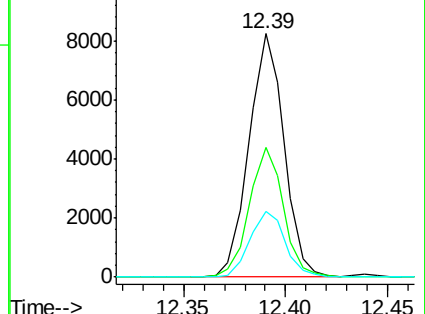
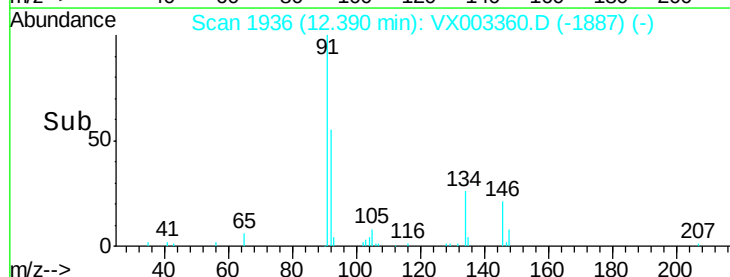
134 26.9 13.5 40.5

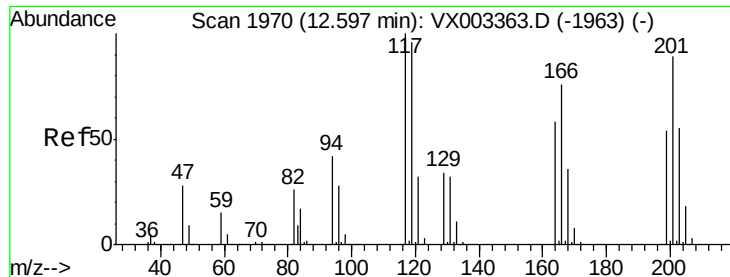


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.980 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

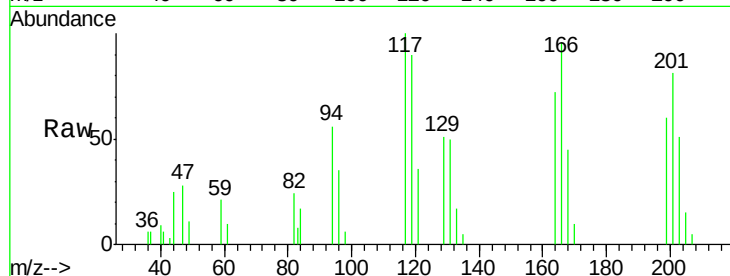
VSTDIC001

Tgt Ion:117 Resp: 1808

Ion Ratio Lower Upper

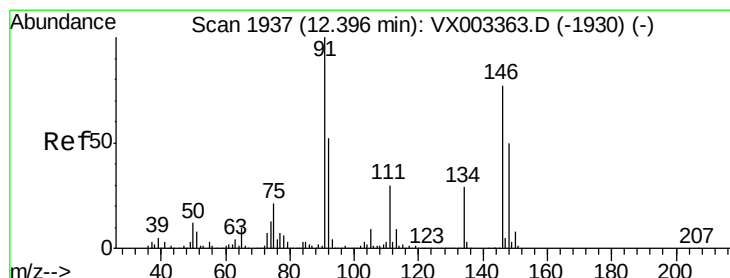
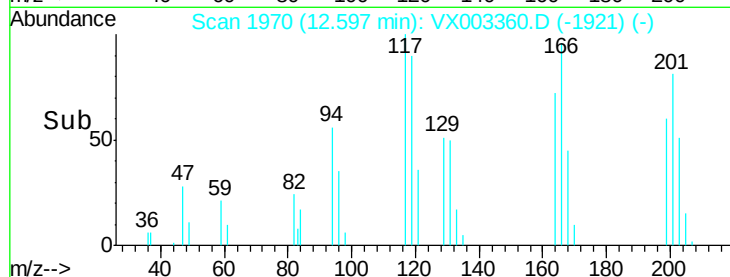
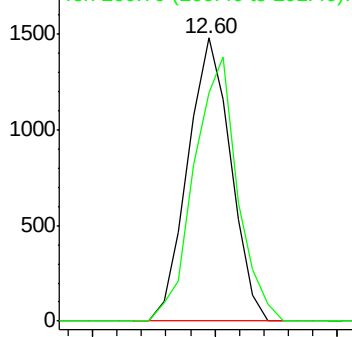
117 100

201 94.4 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 1.080 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

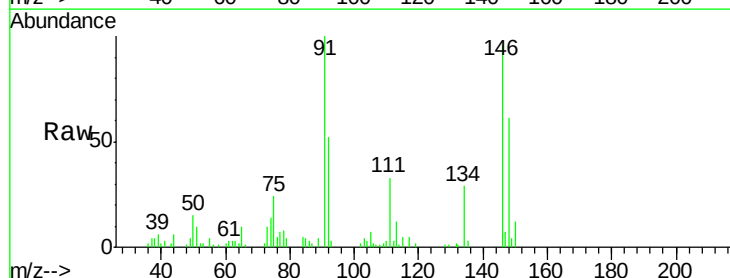
Tgt Ion:146 Resp: 7993

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.1

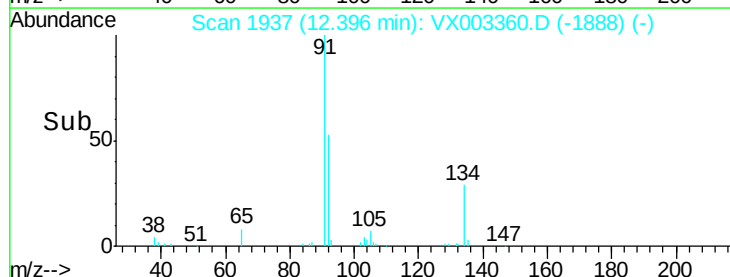
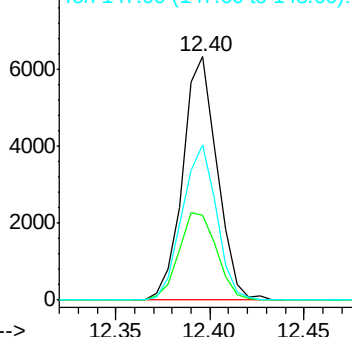
148 63.5 31.7 95.1

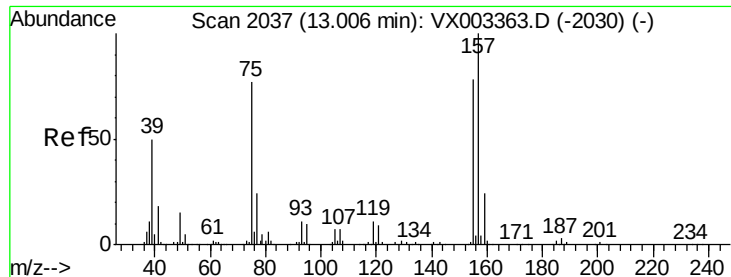


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

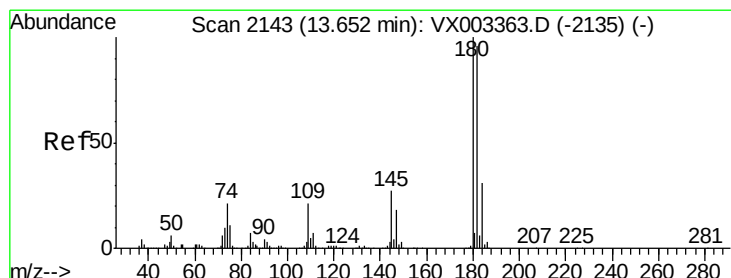
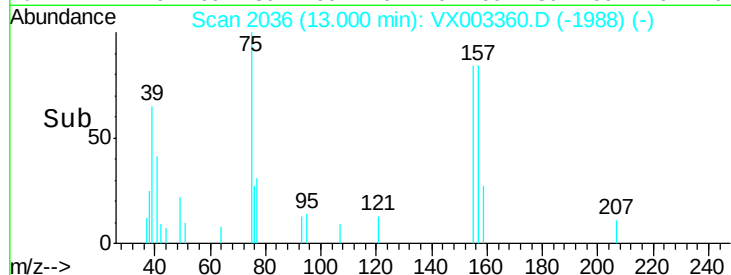
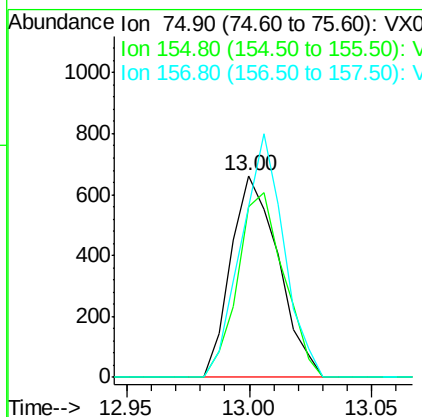
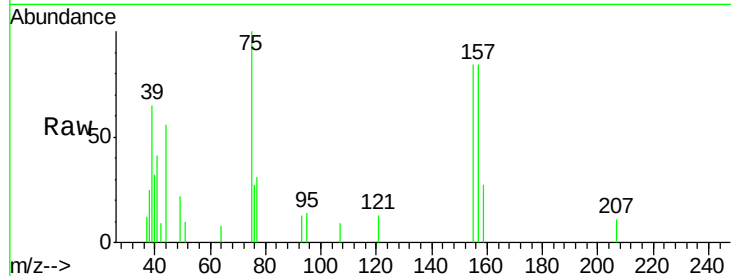




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.985 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

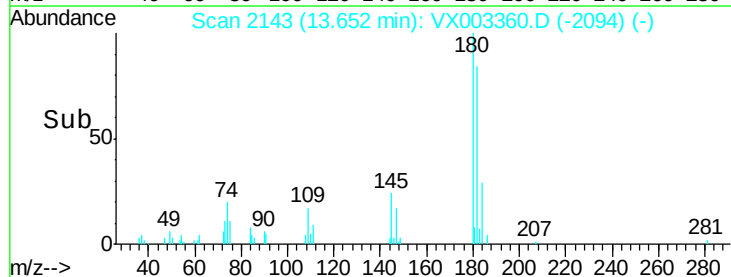
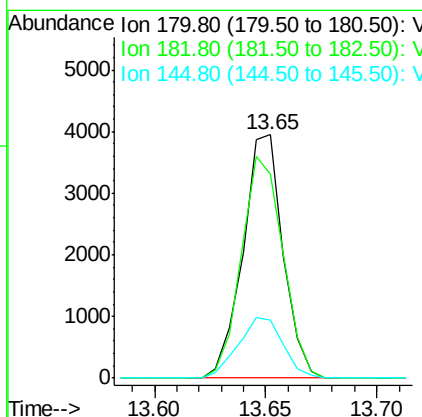
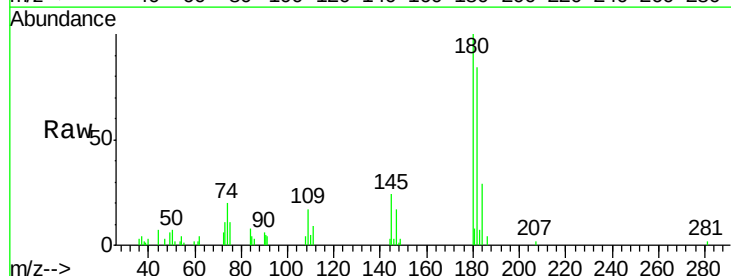
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

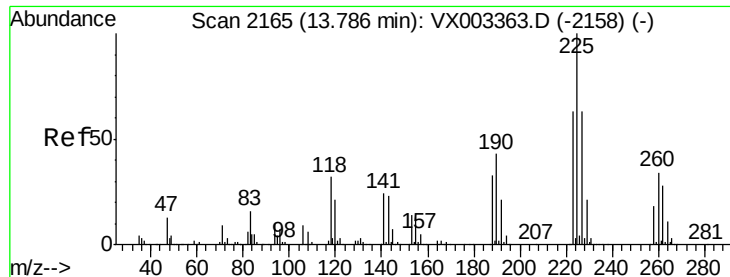
Tgt Ion: 75 Resp: 894
 Ion Ratio Lower Upper
 75 100
 155 89.0 45.8 137.4
 157 108.3 60.1 180.3



#93
 1,2,4-Trichlorobenzene
 Concen: 0.980 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 180 Resp: 4963
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.7 143.1
 145 27.9 14.1 42.4





#94

Hexachlorobutadiene

Concen: 1.051 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

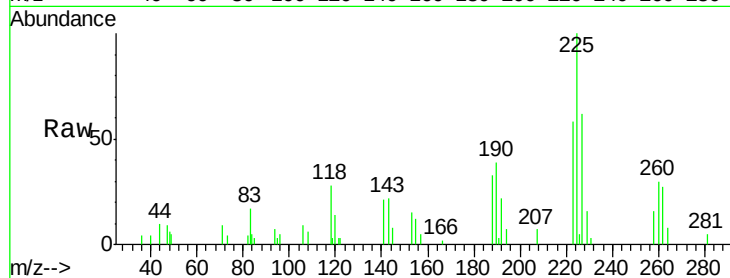
Tgt Ion:225 Resp: 2511

Ion Ratio Lower Upper

225 100

223 64.5 31.6 95.0

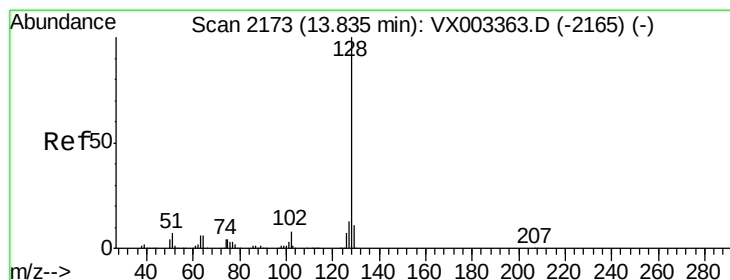
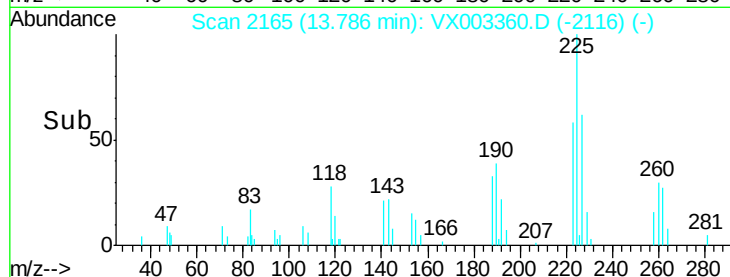
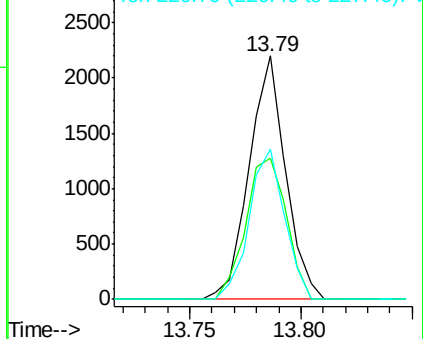
227 60.1 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.828 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

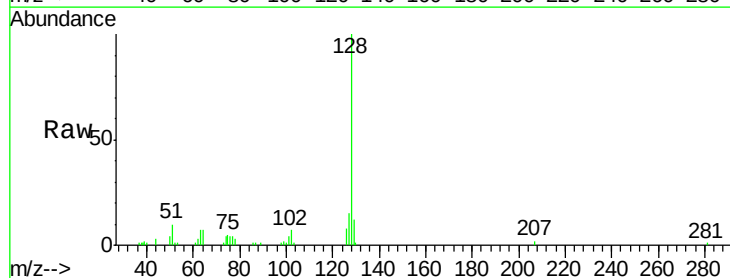
Tgt Ion:128 Resp: 11760

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

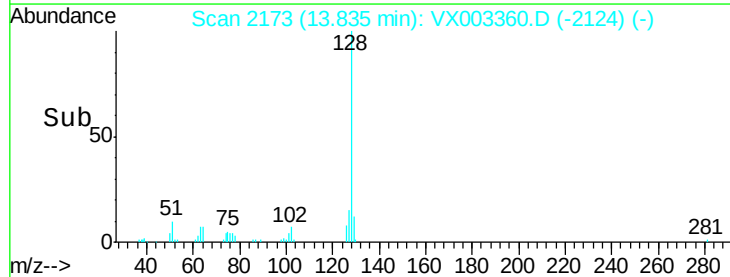
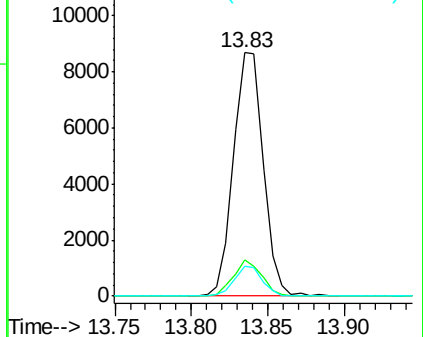
129 11.4 8.6 13.0

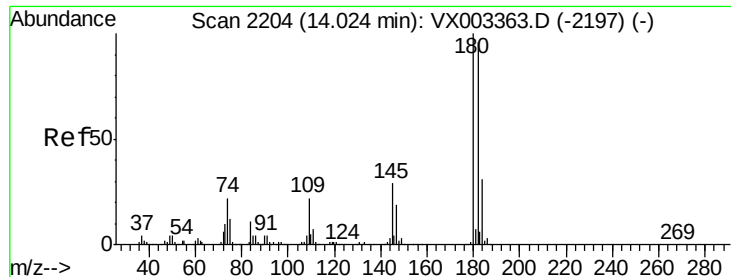


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.949 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	30.0	14.8	44.3

