

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072418\
 Data File : VX003642.D
 Acq On : 24 Jul 2018 16:15
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 27 01:40:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 01:36:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	185966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	169166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95628	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	2475	1.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.58%	
35) Dibromofluoromethane	5.50	113	2150	1.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.82%	
50) Toluene-d8	8.72	98	7327	1.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.52%	
62) 4-Bromofluorobenzene	11.14	95	2014	0.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.90%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	1653	1.119 ug/l	89
3) Chloromethane	1.32	50	2515	1.293 ug/l	96
4) Vinyl Chloride	1.40	62	2214	1.113 ug/l	99
5) Bromomethane	1.64	94	1104	1.149 ug/l	88
6) Chloroethane	1.72	64	1565	1.288 ug/l #	85
7) Trichlorofluoromethane	1.93	101	2814	1.099 ug/l	89
8) Diethyl Ether	2.19	74	1253	1.117 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1794	1.138 ug/l	96
10) Methyl Iodide	2.51	142	1133	0.580 ug/l	99
11) Tert butyl alcohol	3.07	59	2368	5.158 ug/l	99
12) 1,1-Dichloroethene	2.37	96	1682	1.122 ug/l	94
13) Acrolein	2.29	56	682	3.190 ug/l	99
14) Allyl chloride	2.73	41	3464	1.108 ug/l	99
15) Acrylonitrile	3.15	53	6274	5.656 ug/l	99
16) Acetone	2.45	43	5510	6.107 ug/l	95
17) Carbon Disulfide	2.57	76	5073	1.176 ug/l	100
18) Methyl Acetate	2.78	43	3233	1.186 ug/l	97
19) Methyl tert-butyl Ether	3.21	73	6027	1.138 ug/l	96
20) Methylene Chloride	2.86	84	2072	1.159 ug/l #	86
21) trans-1,2-Dichloroethene	3.17	96	1788	1.109 ug/l	85
22) Diisopropyl ether	3.87	45	5868	1.028 ug/l #	90
23) Vinyl Acetate	3.82	43	24186	4.946 ug/l	99
24) 1,1-Dichloroethane	3.70	63	3817	1.186 ug/l #	95
25) 2-Butanone	4.71	43	7581	5.439 ug/l	94
26) 2,2-Dichloropropane	4.59	77	2302	1.132 ug/l	78
27) cis-1,2-Dichloroethene	4.60	96	1895	1.082 ug/l #	1
28) Bromochloromethane	5.02	49	1591	1.232 ug/l #	97
29) Tetrahydrofuran	5.17	42	4828	5.321 ug/l	97
30) Chloroform	5.21	83	3148	1.079 ug/l	96
31) Cyclohexane	5.57	56	2635	1.020 ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	2515	1.038 ug/l #	50
36) 1,1-Dichloropropene	5.79	75	2418	1.112 ug/l	96
37) Ethyl Acetate	4.87	43	2977	1.139 ug/l #	89
38) Carbon Tetrachloride	5.78	117	2288	1.092 ug/l	91

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 VSTDIC001

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 01:36:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	2342	0.979	ug/l	95
40) Benzene	6.14	78	6573	1.022	ug/l #	85
41) Methacrylonitrile	5.06	41	1701	1.175	ug/l #	88
42) 1,2-Dichloroethane	6.20	62	2395	1.058	ug/l	95
43) Isopropyl Acetate	6.47	43	3723	0.976	ug/l	97
44) Trichloroethene	7.21	130	1904	1.104	ug/l	99
45) 1,2-Dichloropropane	7.52	63	1602	0.963	ug/l #	83
46) Dibromomethane	7.67	93	1101	1.031	ug/l	95
47) Bromodichloromethane	7.90	83	1963	0.980	ug/l	87
48) Methyl methacrylate	7.79	41	1834	0.948	ug/l	94
49) 1,4-Dioxane	7.76	88	768	17.791	ug/l #	89
51) 4-Methyl-2-Pentanone	8.65	43	12449	4.839	ug/l	97
52) Toluene	8.79	92	4166	1.042	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	2097	0.872	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	2064	0.916	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	1605	0.982	ug/l	89
56) Ethyl methacrylate	9.19	69	1947	0.800	ug/l	91
57) 1,3-Dichloropropane	9.37	76	2701	0.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	4838	3.958	ug/l	98
59) 2-Hexanone	9.50	43	8647	4.381	ug/l	89
60) Dibromochloromethane	9.59	129	1329	0.857	ug/l	94
61) 1,2-Dibromoethane	9.68	107	1659	0.975	ug/l	100
64) Tetrachloroethene	9.34	164	1731	1.119	ug/l	96
65) Chlorobenzene	10.14	112	4539	1.066	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	1524	1.030	ug/l #	63
67) Ethyl Benzene	10.25	91	6983	0.980	ug/l	92
68) m/p-Xylenes	10.36	106	5118	1.872	ug/l	96
69) o-Xylene	10.70	106	2451	0.931	ug/l	98
70) Styrene	10.71	104	3831	0.867	ug/l	96
71) Bromoform	10.86	173	1047	0.895	ug/l #	97
73) Isopropylbenzene	11.02	105	6332	0.969	ug/l	99
74) N-amyl acetate	6.47	43	3723	1.093	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	2630	1.090	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	2664	1.328	ug/l	90
77) Bromobenzene	11.26	156	1910	1.076	ug/l	97
78) n-propylbenzene	11.36	91	7195	0.954	ug/l	98
79) 2-Chlorotoluene	11.42	91	4746	1.035	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	5024	0.909	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	535	0.826	ug/l #	83
82) 4-Chlorotoluene	11.51	91	5429	1.005	ug/l	99
83) tert-Butylbenzene	11.77	119	5144	0.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	5172	0.910	ug/l	95
85) sec-Butylbenzene	11.95	105	5971	0.925	ug/l	97
86) p-Isopropyltoluene	12.07	119	5527	0.954	ug/l	89
87) 1,3-Dichlorobenzene	12.03	146	3479	1.053	ug/l	88
88) 1,4-Dichlorobenzene	12.10	146	3861	1.124	ug/l #	61
89) n-Butylbenzene	12.39	91	5240	1.003	ug/l	97
90) Hexachloroethane	12.60	117	906	1.032	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	3638	1.077	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	480	0.956	ug/l	93

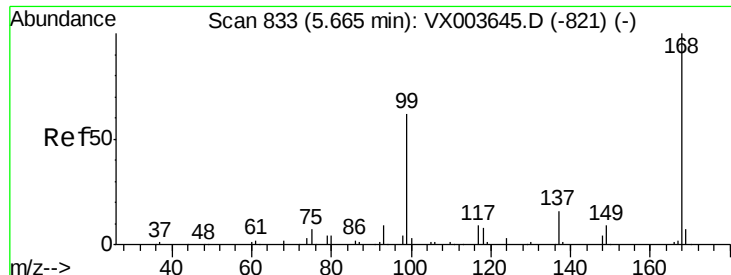
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072418\
Data File : VX003642.D
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ClientSampleId :
VSTDICC001

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QLast Update : Fri Jul 27 01:36:37 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	2543	1.055	ug/l	94
94) Hexachlorobutadiene	13.78	225	1295	1.162	ug/l	94
95) Naphthalene	13.83	128	6559	0.900	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	2459	1.005	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

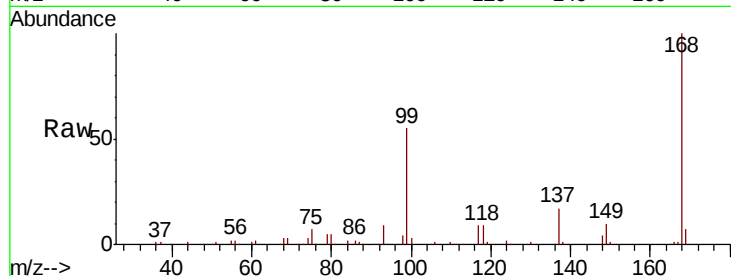
VSTDIC001

Tgt Ion:168 Resp: 129656

Ion Ratio Lower Upper

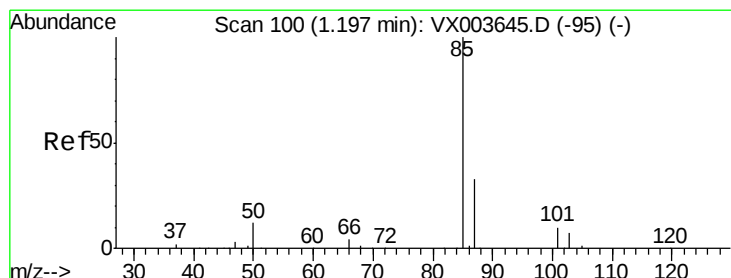
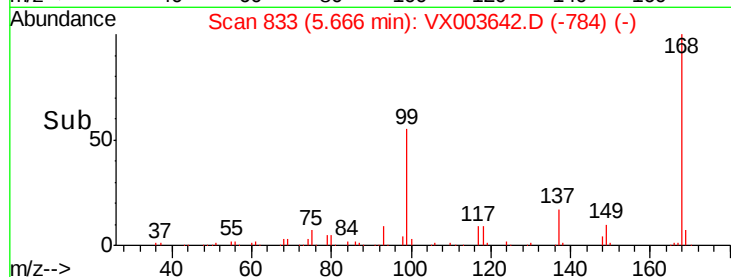
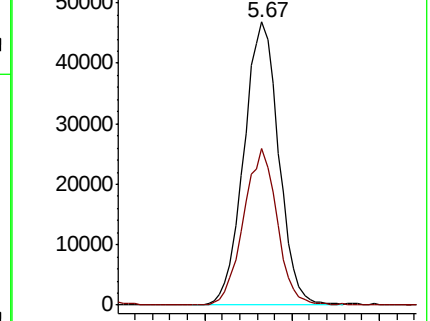
168 100

99 55.3 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.119 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003642.D

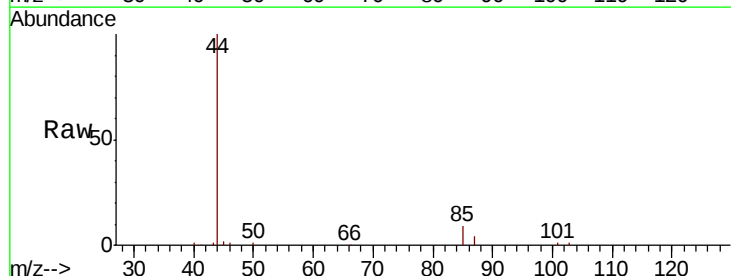
Acq: 24 Jul 2018 16:15

Tgt Ion: 85 Resp: 1653

Ion Ratio Lower Upper

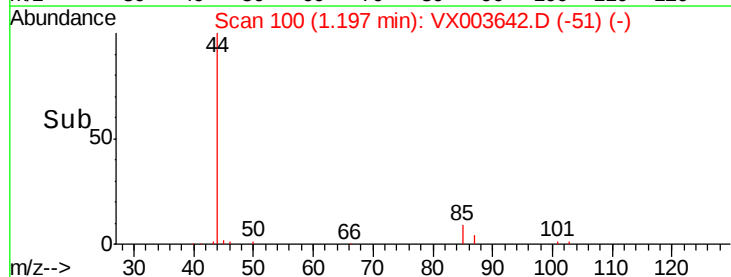
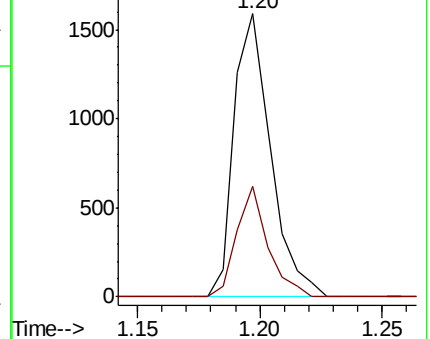
85 100

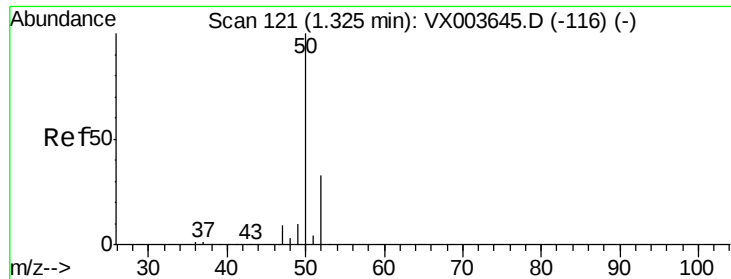
87 39.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.293 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

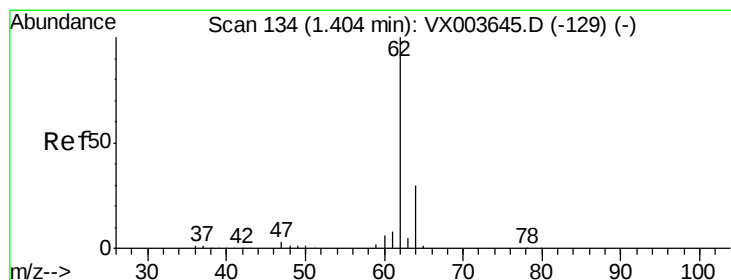
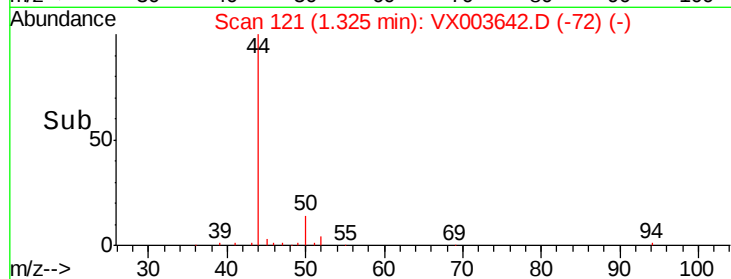
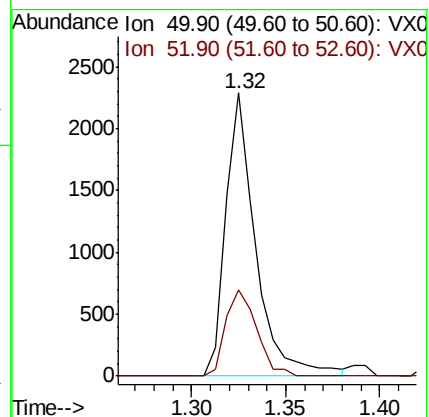
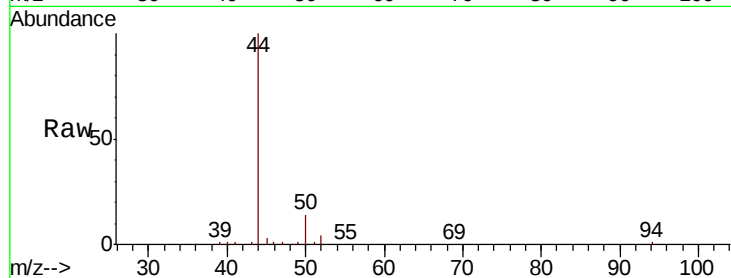
VSTDIC001

Tgt Ion: 50 Resp: 2515

Ion Ratio Lower Upper

50 100

52 30.4 26.3 39.5



#4

Vinyl Chloride

Concen: 1.113 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003642.D

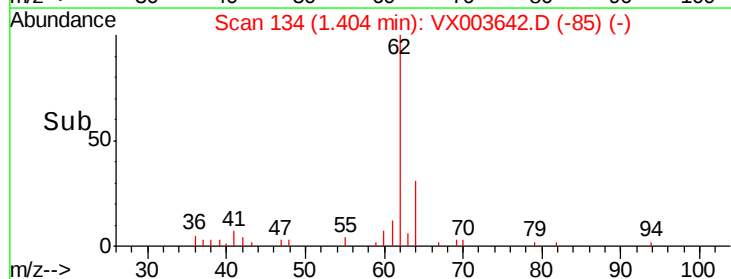
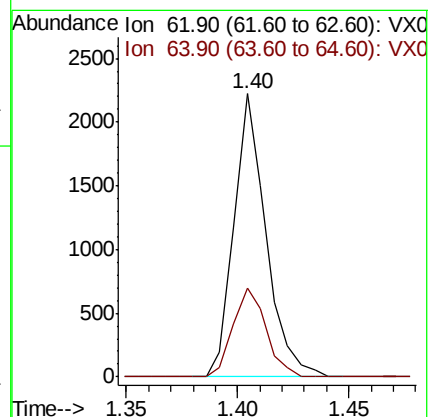
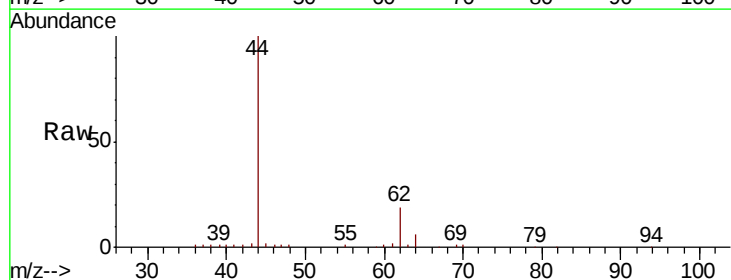
Acq: 24 Jul 2018 16:15

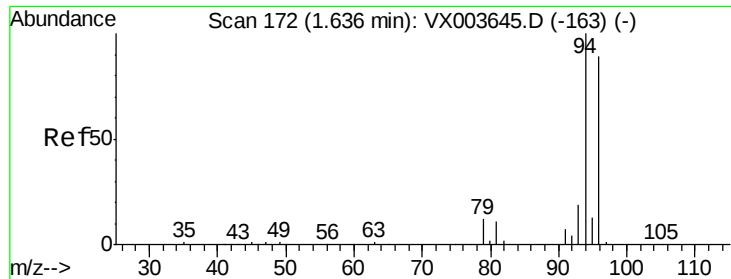
Tgt Ion: 62 Resp: 2214

Ion Ratio Lower Upper

62 100

64 31.2 24.4 36.6





#5

Bromomethane

Concen: 1.149 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

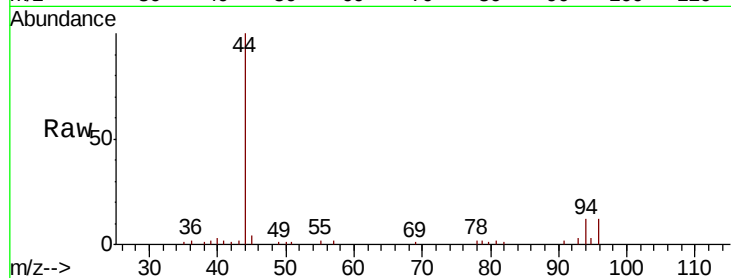
VSTDIC001

Tgt Ion: 94 Resp: 1104

Ion Ratio Lower Upper

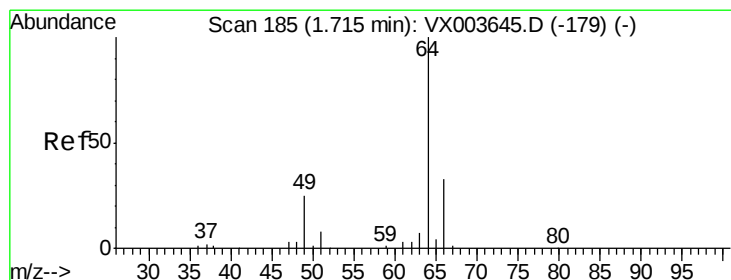
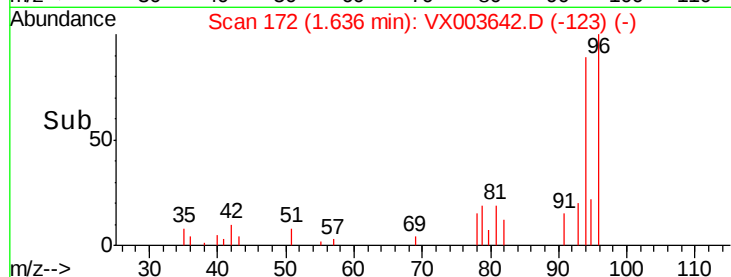
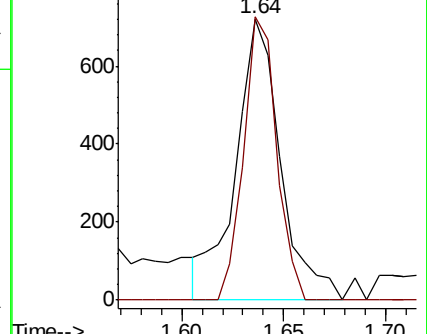
94 100

96 100.7 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.288 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003642.D

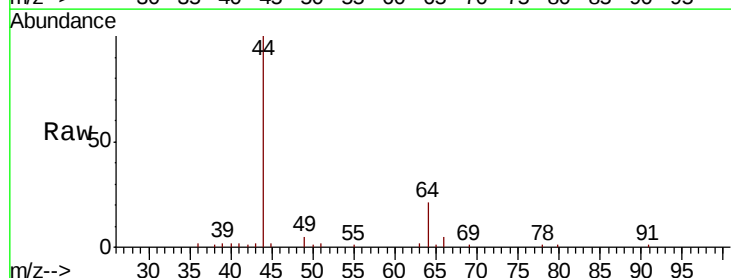
Acq: 24 Jul 2018 16:15

Tgt Ion: 64 Resp: 1565

Ion Ratio Lower Upper

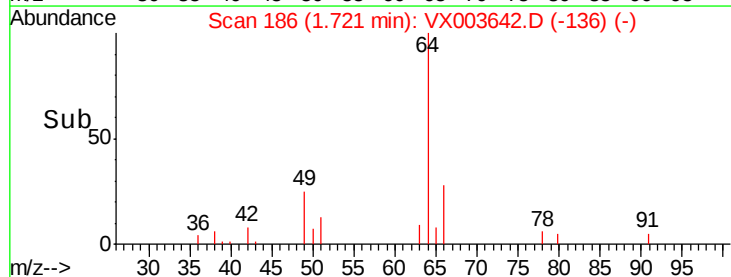
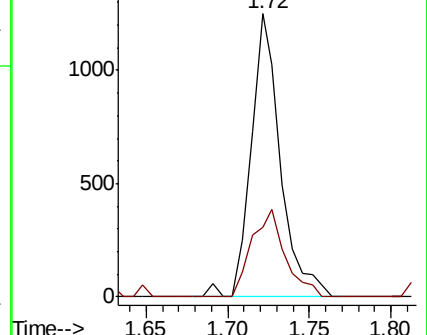
64 100

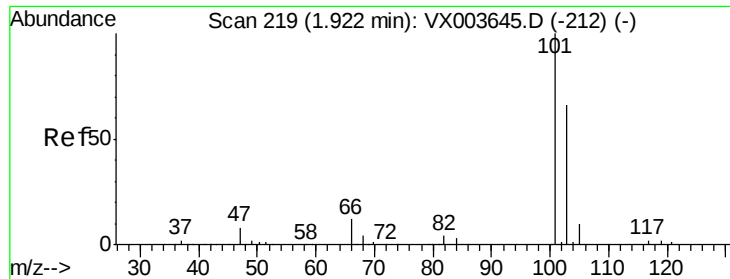
66 24.4 26.3 39.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



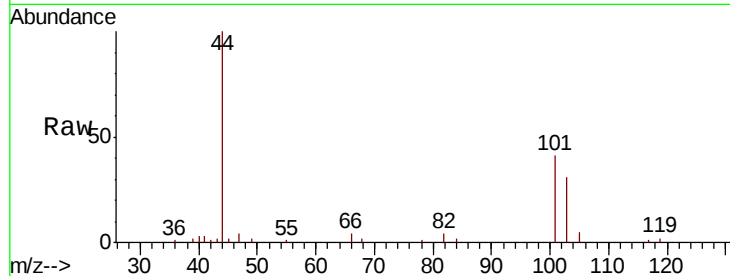


#7

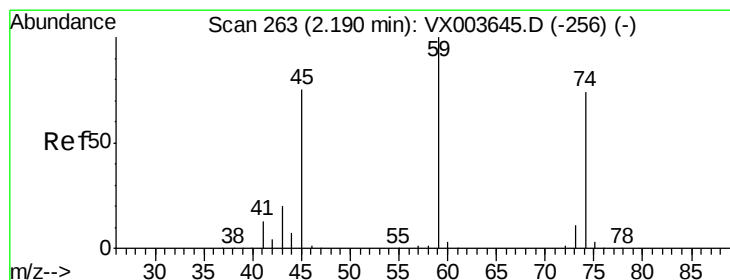
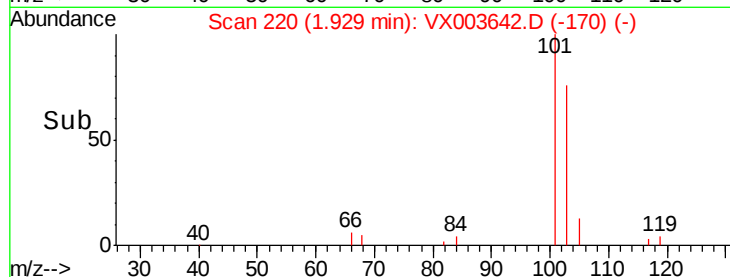
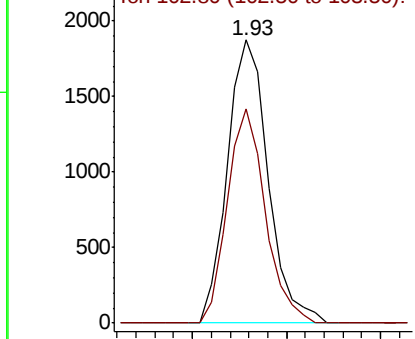
Trichlorofluoromethane
Concen: 1.099 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 101 Resp: 2814
Ion Ratio Lower Upper
101 100
103 75.6 53.2 79.8



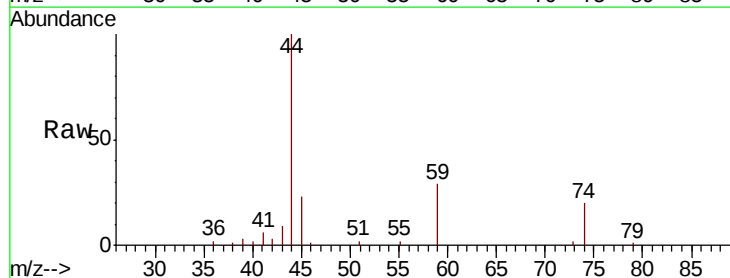
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



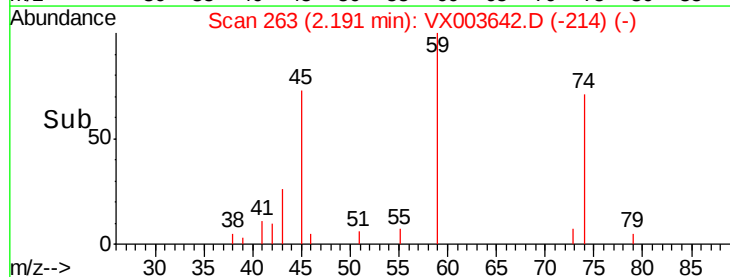
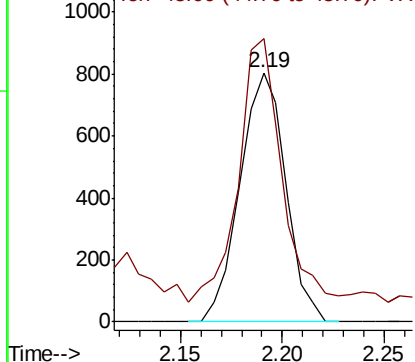
#8

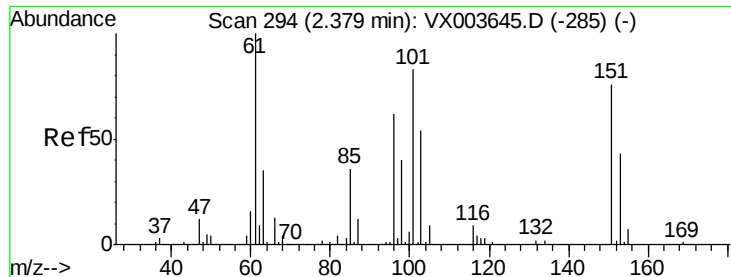
Diethyl Ether
Concen: 1.117 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 74 Resp: 1253
Ion Ratio Lower Upper
74 100
45 99.1 51.0 153.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.138 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

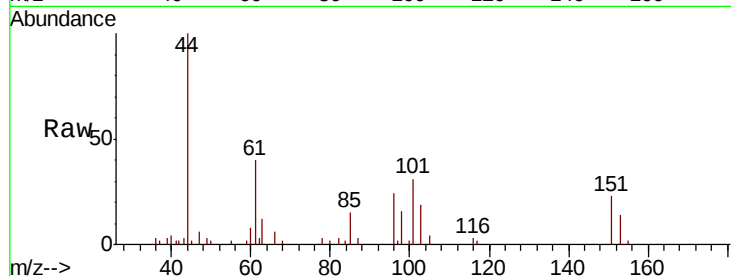
Tgt Ion:101 Resp: 1794

Ion Ratio Lower Upper

101 100

85 49.0 34.6 52.0

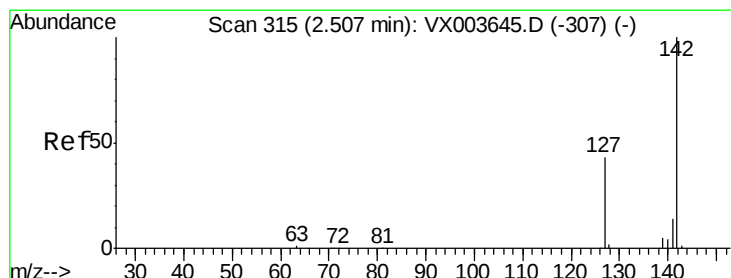
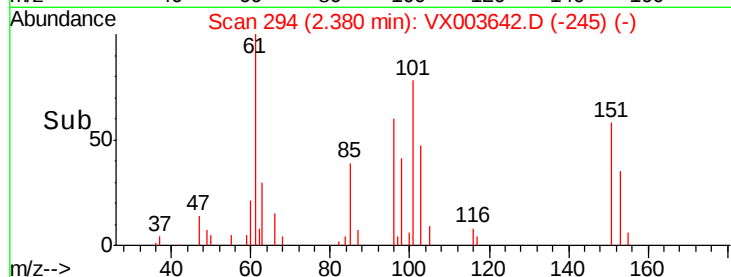
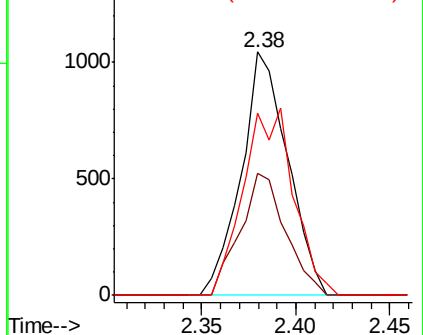
151 83.3 67.5 101.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.580 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

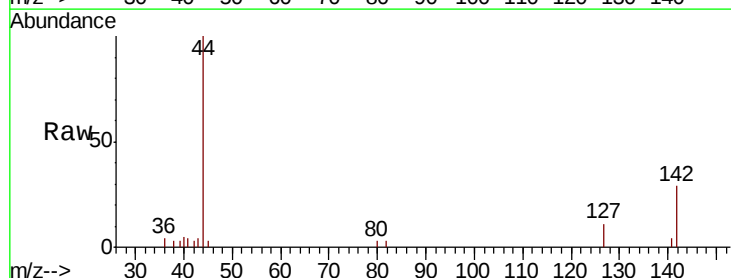
Tgt Ion:142 Resp: 1133

Ion Ratio Lower Upper

142 100

127 41.8 34.0 51.0

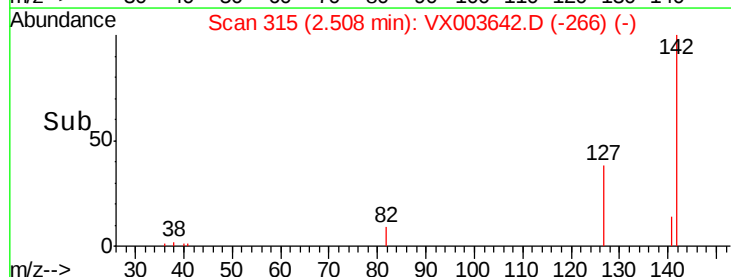
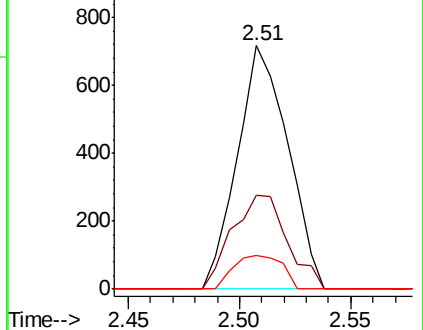
141 13.2 11.3 16.9

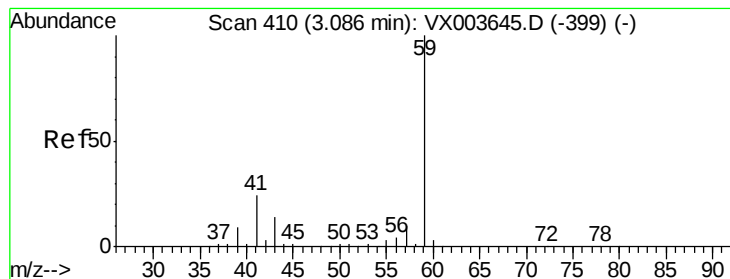


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



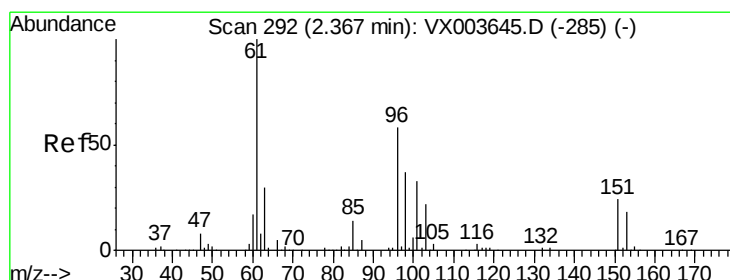
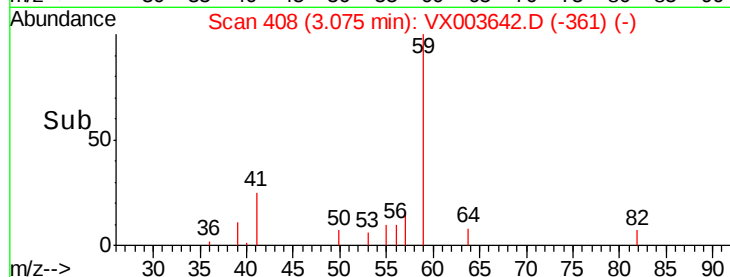
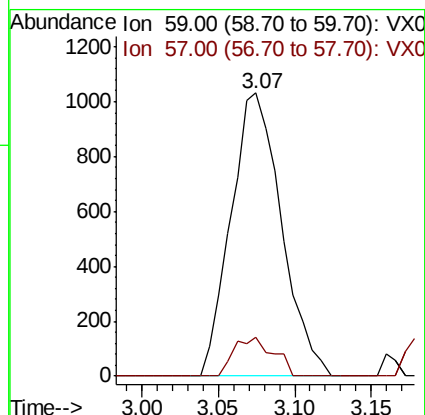
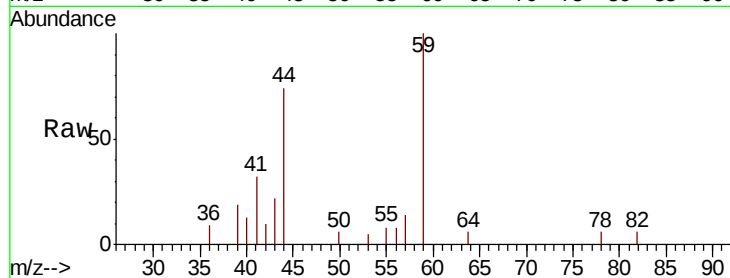


#11

Tert butyl alcohol
 Concen: 5.158 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

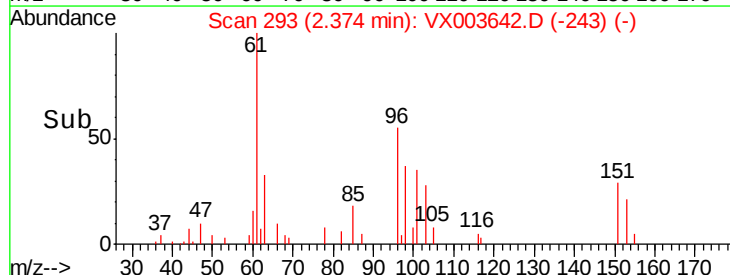
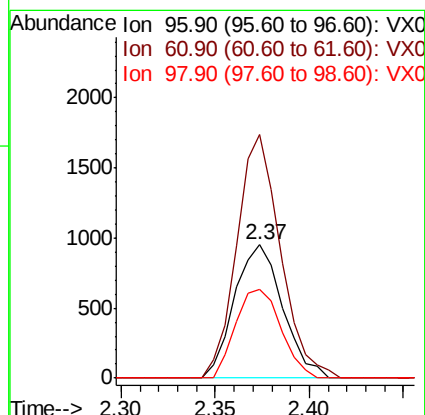
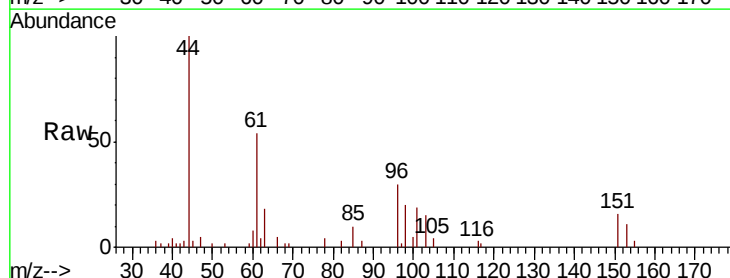
Tgt Ion: 59 Resp: 2368
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

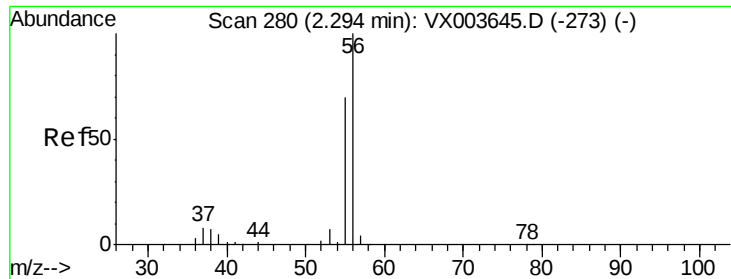


#12

1,1-Dichloroethene
 Concen: 1.122 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 96 Resp: 1682
 Ion Ratio Lower Upper
 96 100
 61 183.1 138.8 208.2
 98 67.0 51.4 77.2

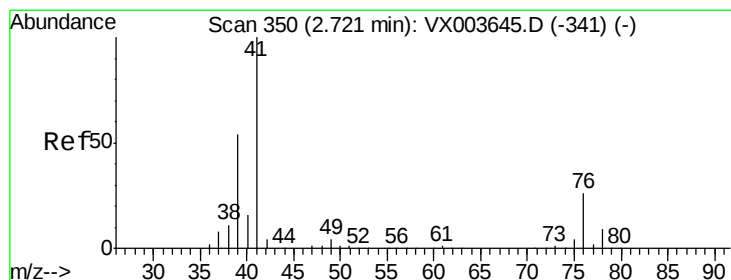
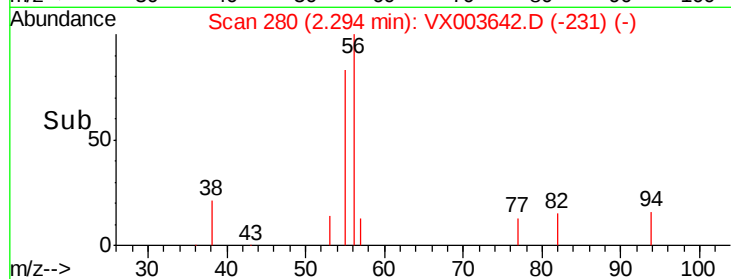
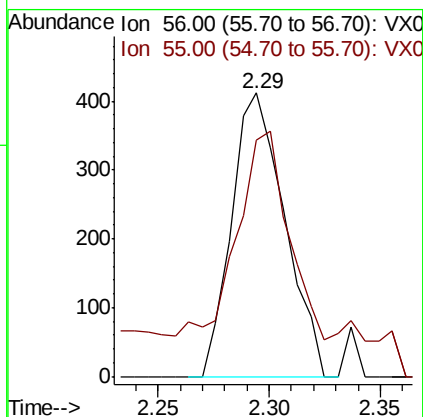
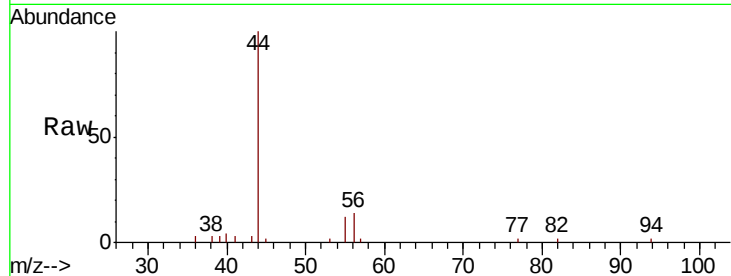




#13
Acrolein
Concen: 3.190 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

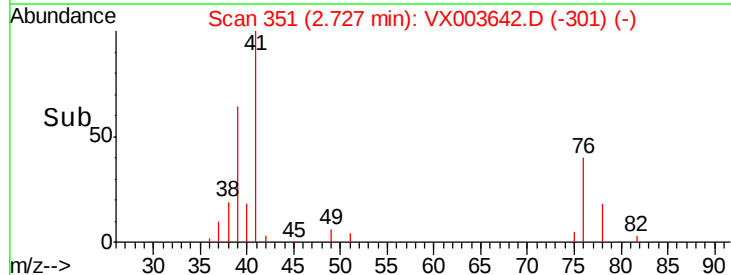
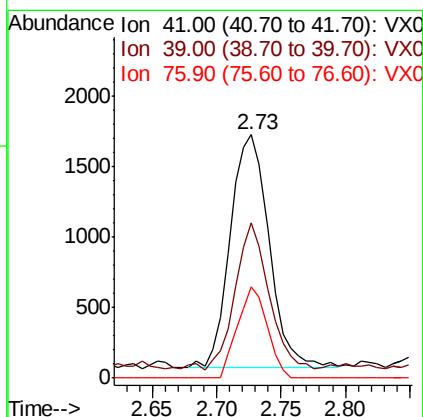
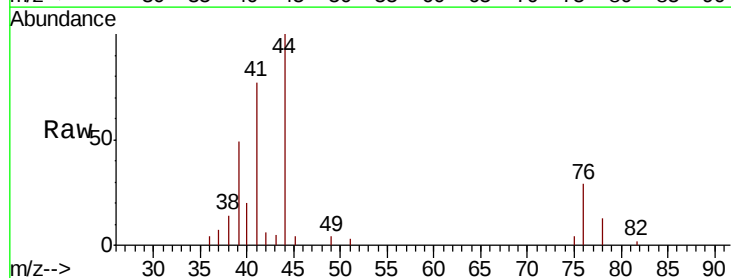
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

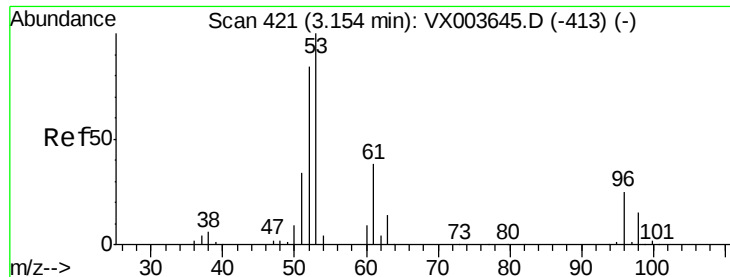
Tgt Ion: 56 Resp: 682
Ion Ratio Lower Upper
56 100
55 70.2 55.4 83.2



#14
Allyl chloride
Concen: 1.108 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 41 Resp: 3464
Ion Ratio Lower Upper
41 100
39 55.3 45.3 67.9
76 29.7 23.8 35.6





#15

Acrylonitrile

Concen: 5.656 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

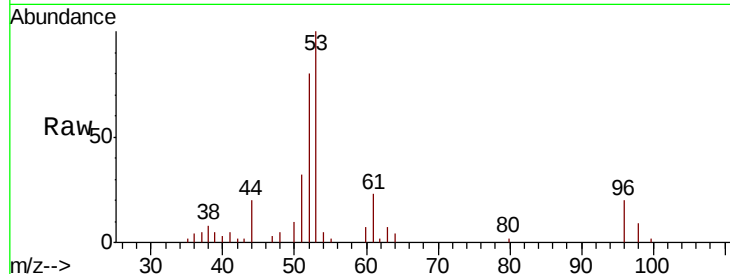
Tgt Ion: 53 Resp: 6274

Ion Ratio Lower Upper

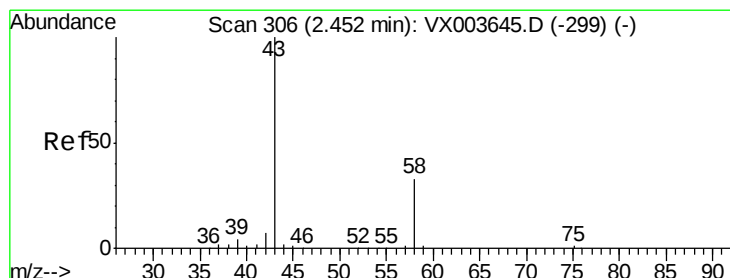
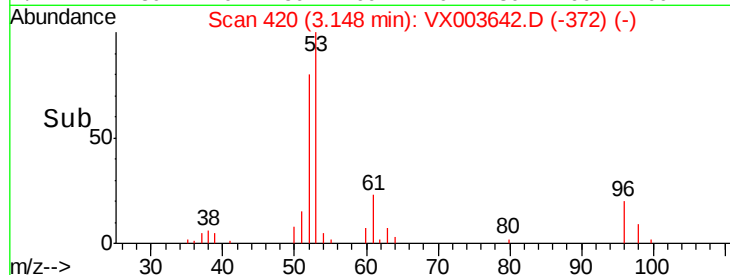
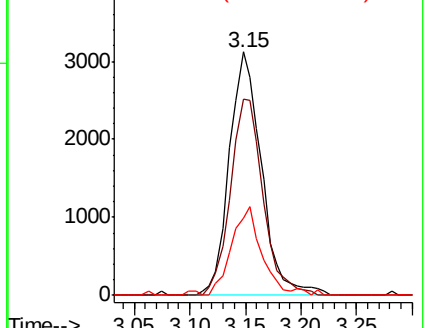
53 100

52 81.5 66.1 99.1

51 34.6 28.2 42.4



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



#16

Acetone

Concen: 6.107 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003642.D

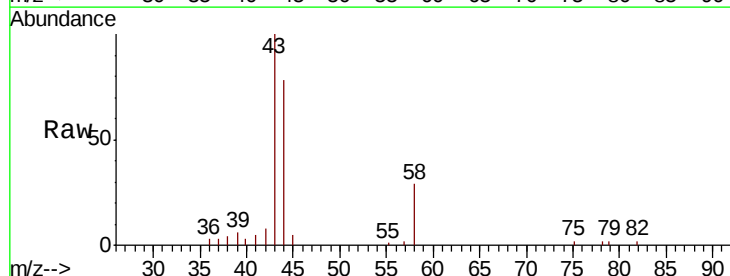
Acq: 24 Jul 2018 16:15

Tgt Ion: 43 Resp: 5510

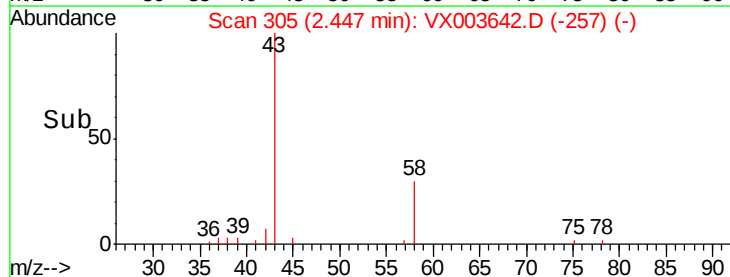
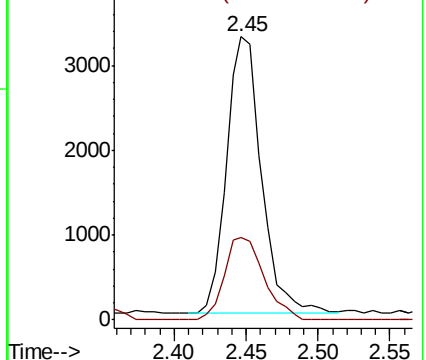
Ion Ratio Lower Upper

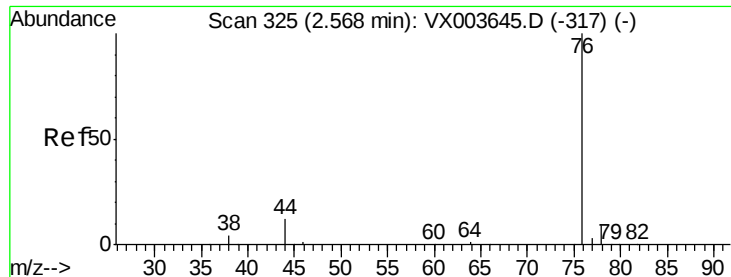
43 100

58 29.7 26.1 39.1



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

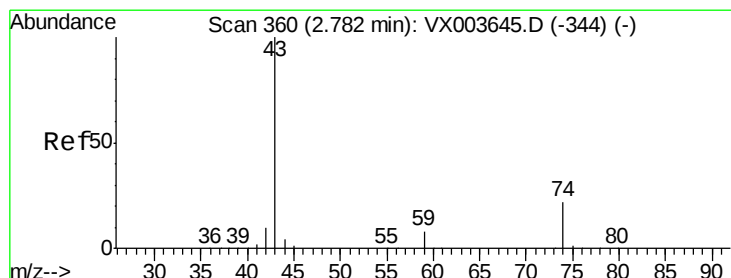
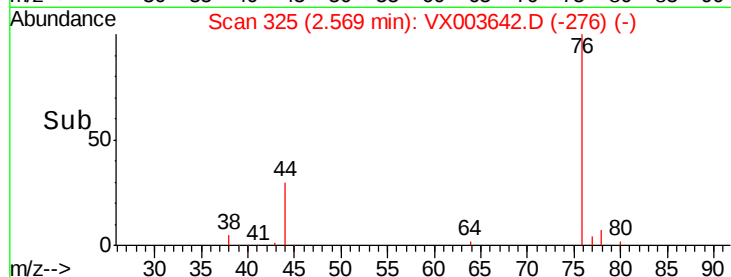
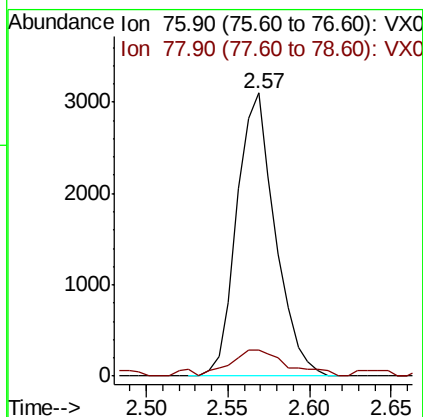
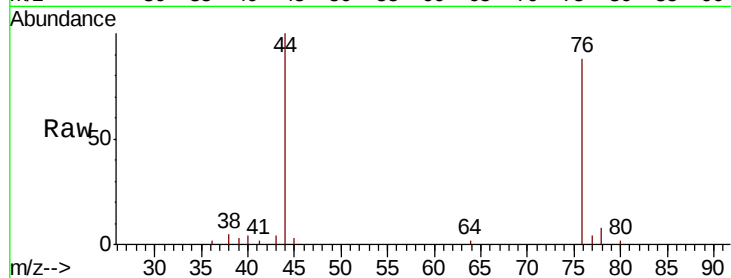




#17
Carbon Disulfide
Concen: 1.176 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

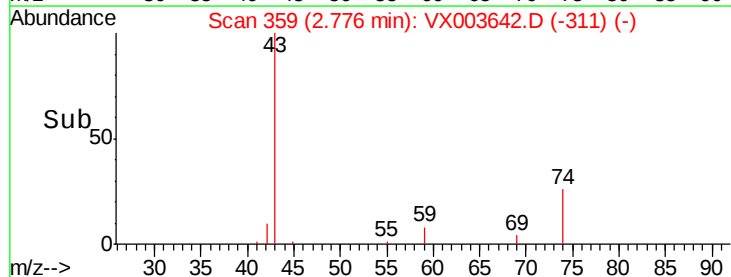
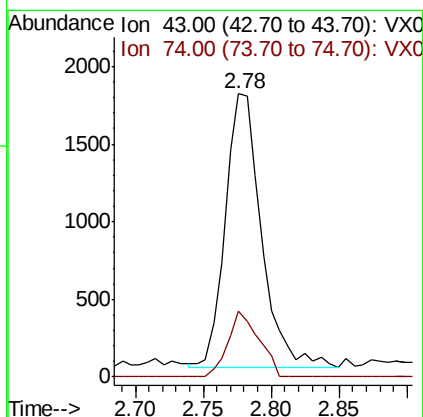
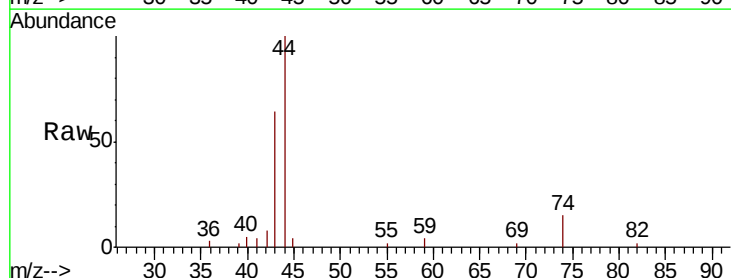
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

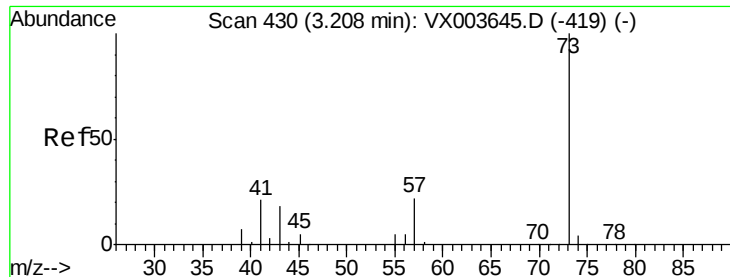
Tgt Ion: 76 Resp: 5073
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 1.186 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 43 Resp: 3233
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.8

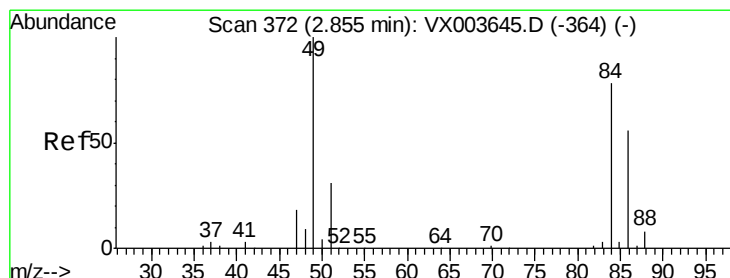
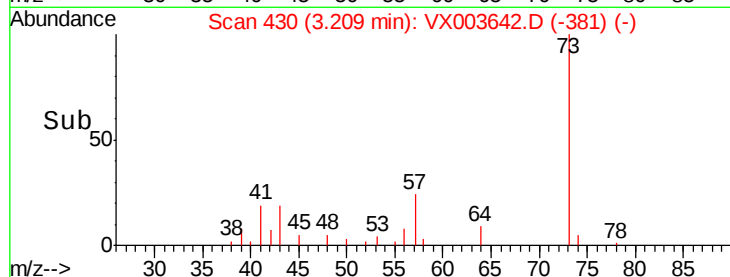
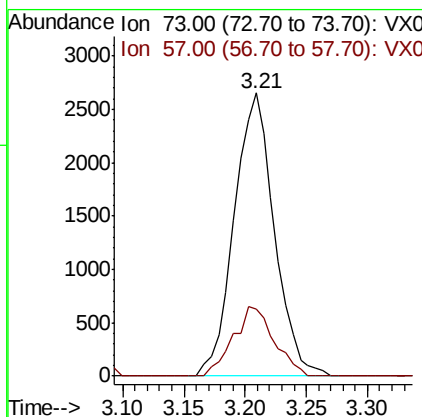
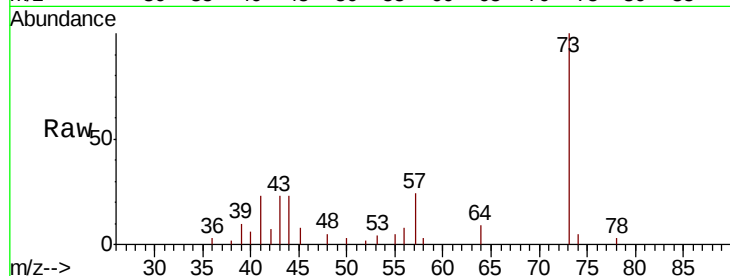




#19
Methyl tert-butyl Ether
Concen: 1.138 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

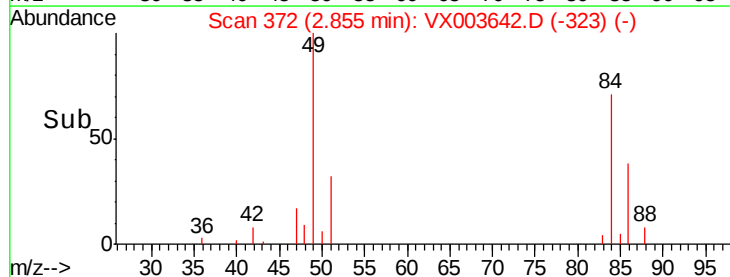
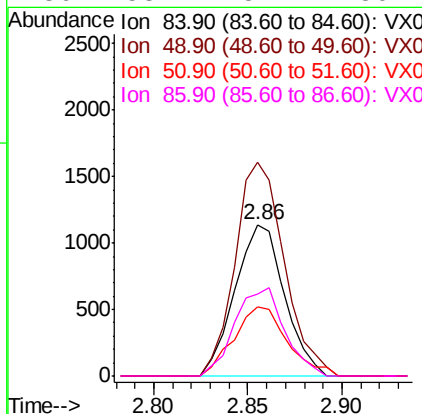
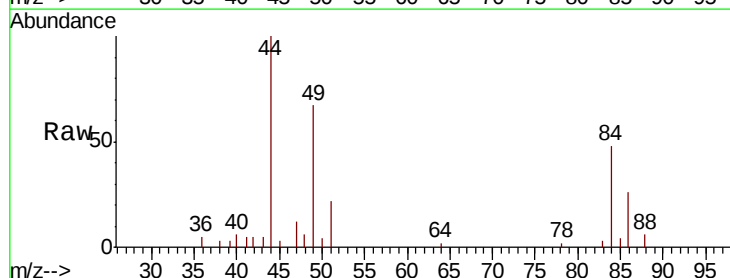
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

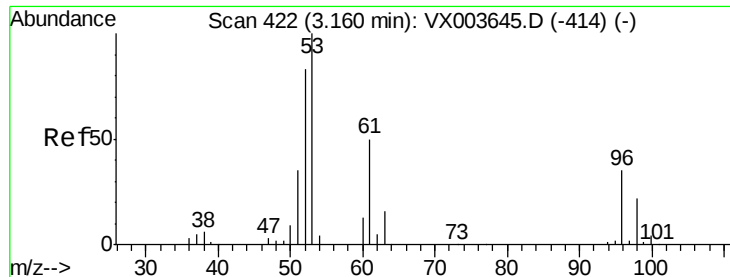
Tgt Ion: 73 Resp: 6027
Ion Ratio Lower Upper
73 100
57 23.7 17.4 26.2



#20
Methylene Chloride
Concen: 1.159 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 84 Resp: 2072
Ion Ratio Lower Upper
84 100
49 141.0 102.3 153.5
51 45.6 31.8 47.8
86 53.7 57.4 86.2#





#21

trans-1,2-Dichloroethene

Concen: 1.109 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

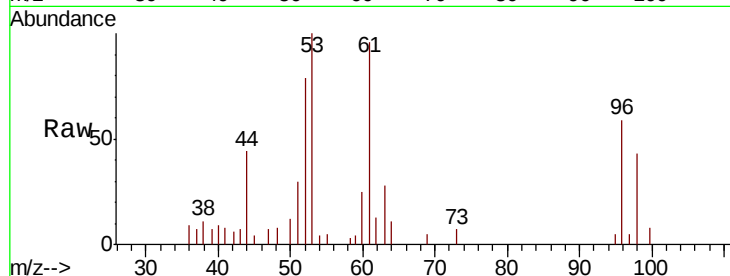
Tgt Ion: 96 Resp: 1788

Ion Ratio Lower Upper

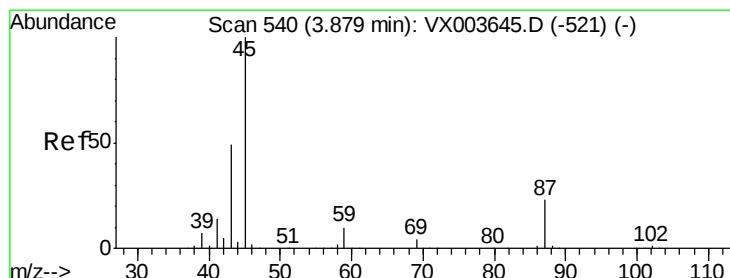
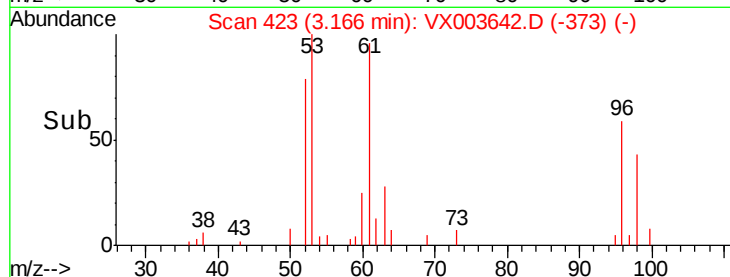
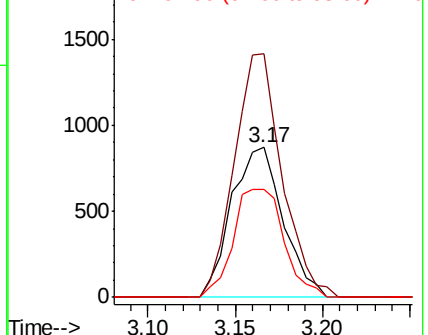
96 100

61 162.6 115.0 172.4

98 72.5 49.7 74.5



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: 1.028 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Tgt Ion: 45 Resp: 5868

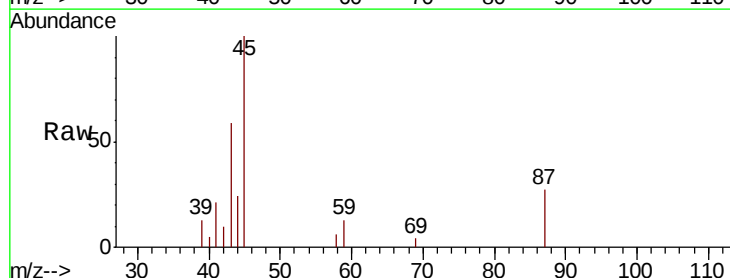
Ion Ratio Lower Upper

45 100

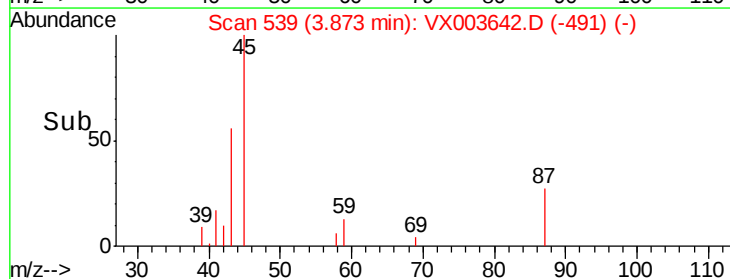
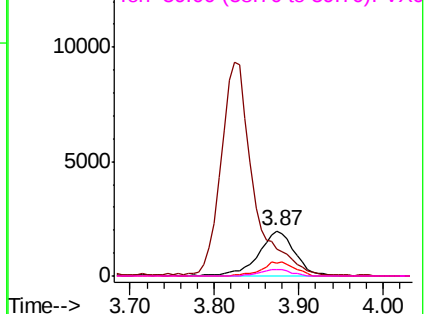
43 56.3 39.0 58.4

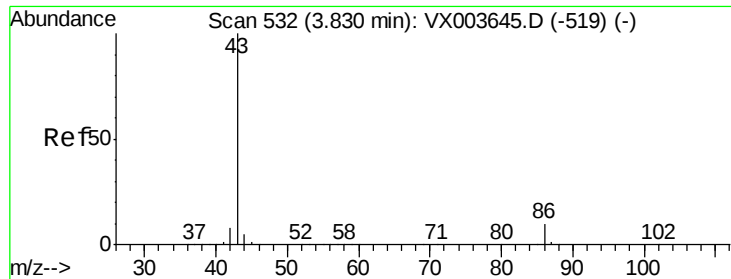
87 27.5 18.4 27.6

59 13.4 7.8 11.8#



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





#23

Vinyl Acetate

Concen: 4.946 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

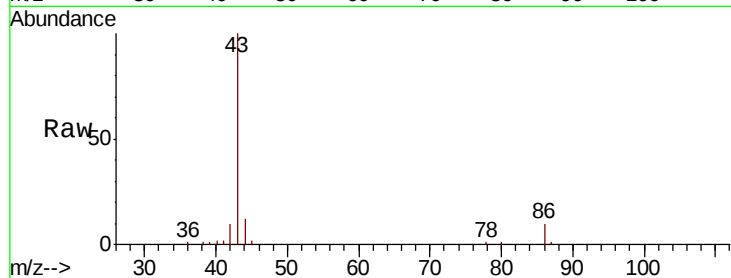
VSTDIC001

Tgt Ion: 43 Resp: 24186

Ion Ratio Lower Upper

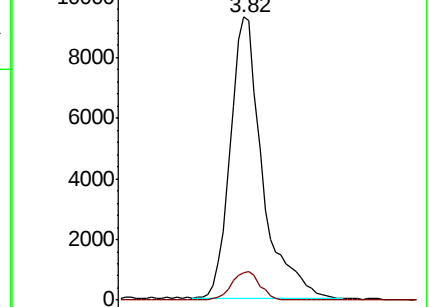
43 100

86 9.8 7.7 11.5

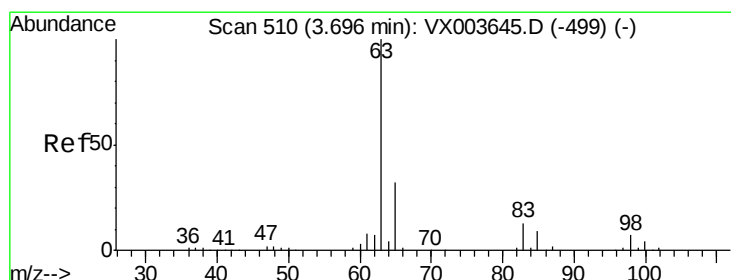
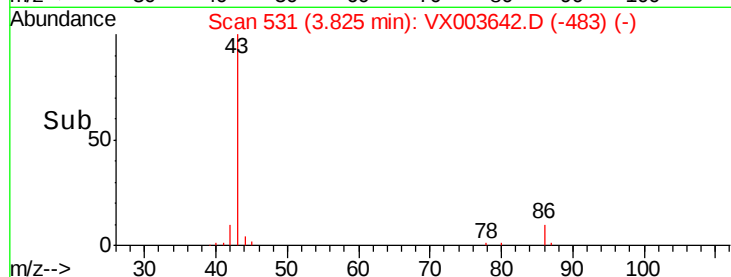


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 1.186 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

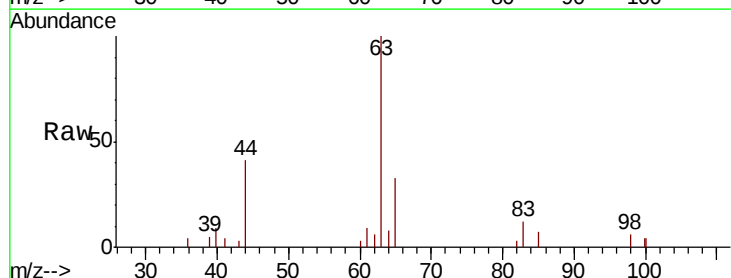
Tgt Ion: 63 Resp: 3817

Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.8

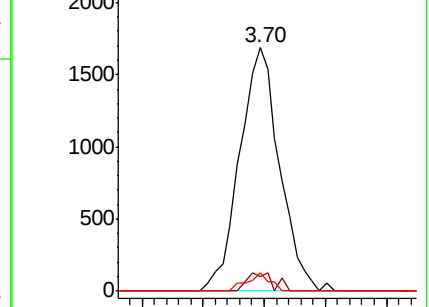
100 7.3 2.1 6.3#



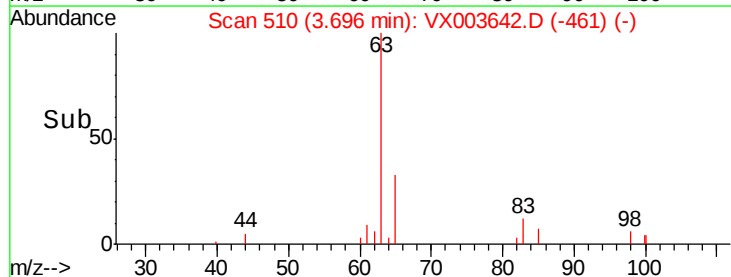
Abundance Ion 62.90 (62.60 to 63.60): VX0

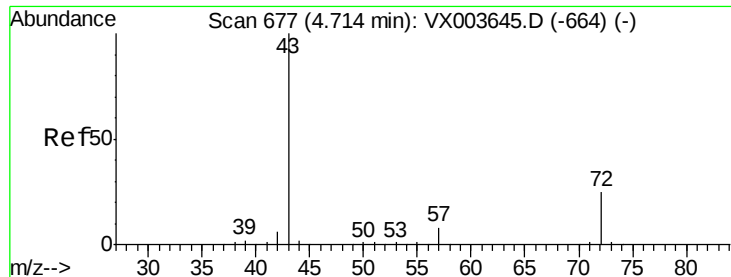
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 5.439 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

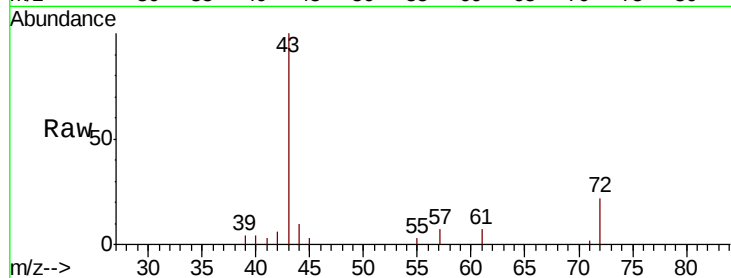
VSTDIC001

Tgt Ion: 43 Resp: 7581

Ion Ratio Lower Upper

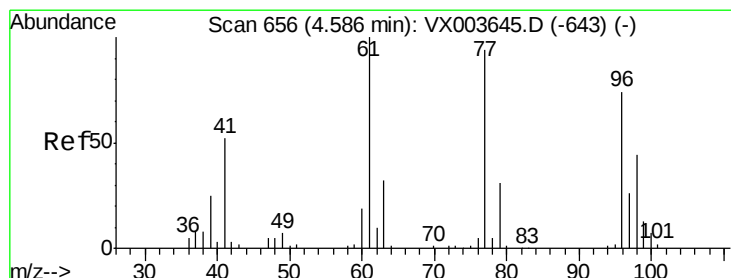
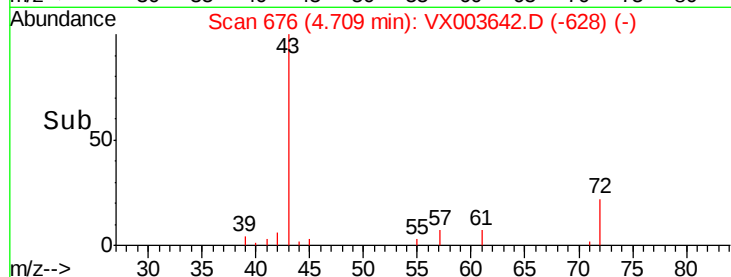
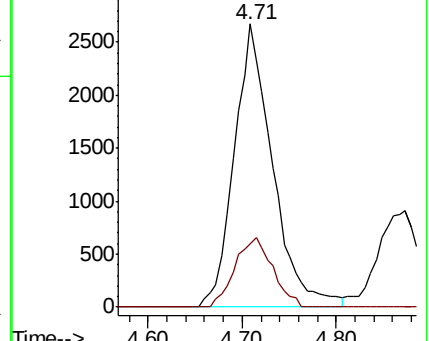
43 100

72 22.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.132 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003642.D

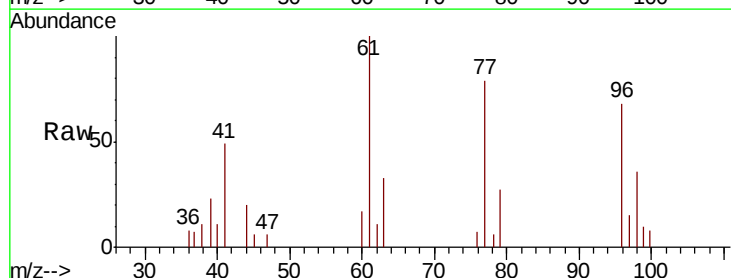
Acq: 24 Jul 2018 16:15

Tgt Ion: 77 Resp: 2302

Ion Ratio Lower Upper

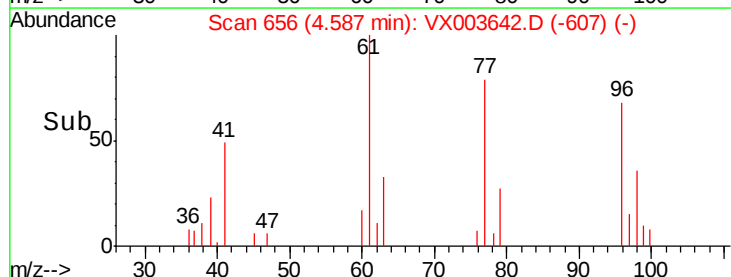
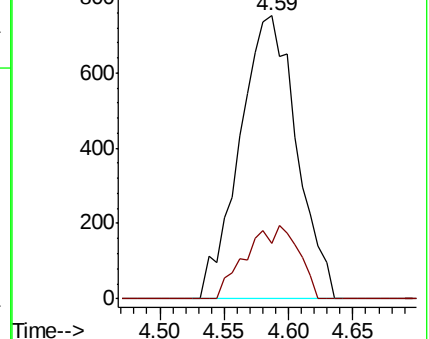
77 100

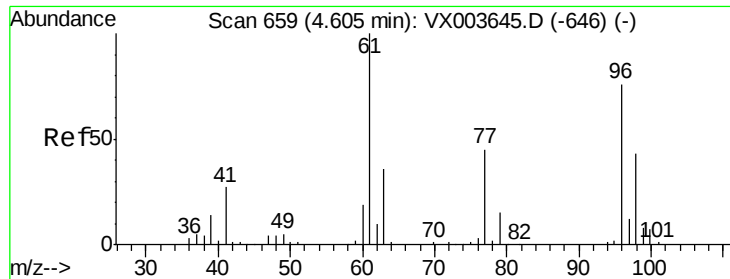
97 12.9 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



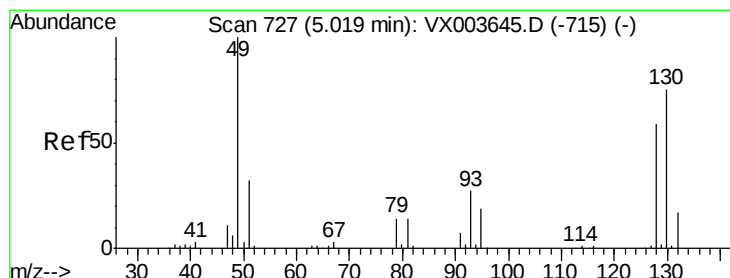
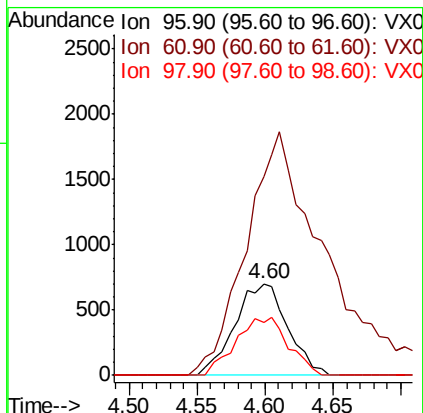
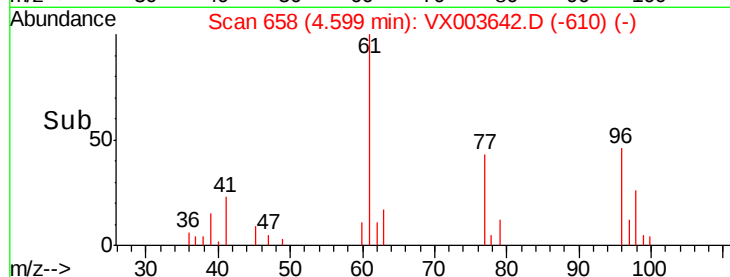
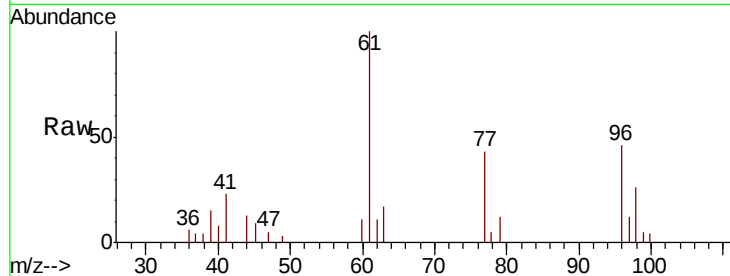


#27

cis-1,2-Dichloroethene
Concen: 1.082 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

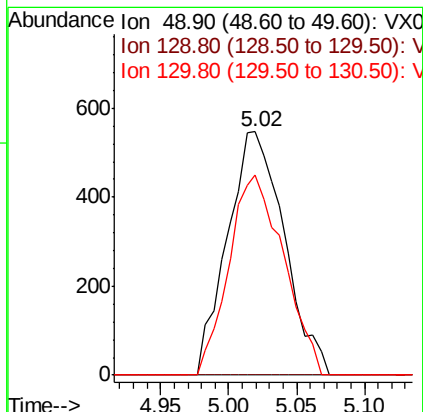
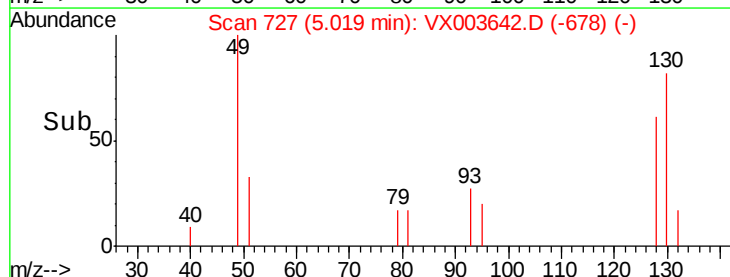
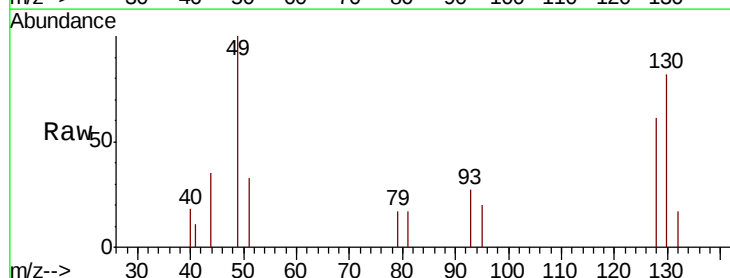
Tgt Ion: 96 Resp: 1895
Ion Ratio Lower Upper
96 100
61 410.9 0.0 313.6#
98 63.2 0.0 125.6

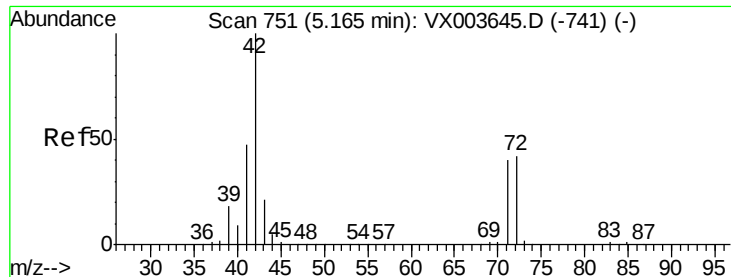


#28

Bromochloromethane
Concen: 1.232 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 49 Resp: 1591
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 79.2 61.0 91.6

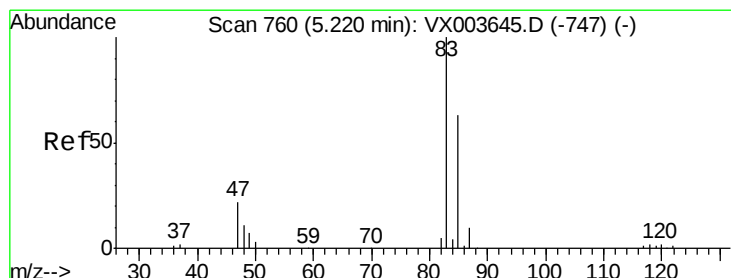
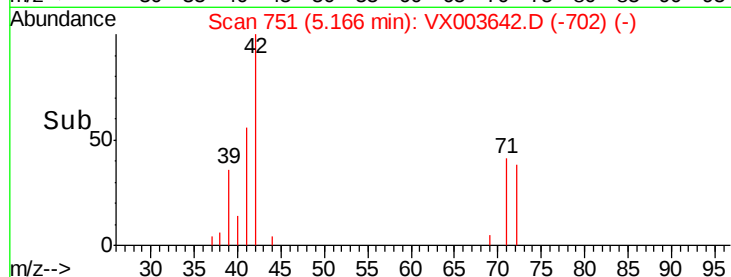
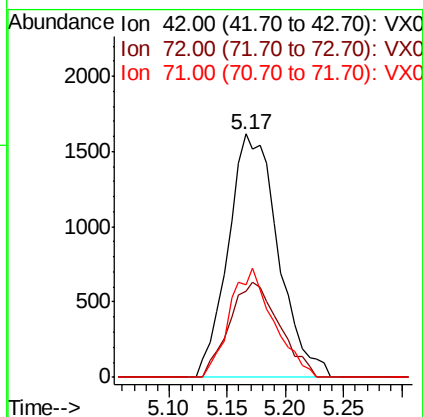
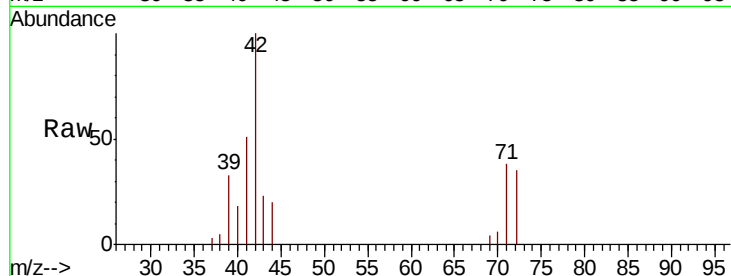




#29
Tetrahydrofuran
Concen: 5.321 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

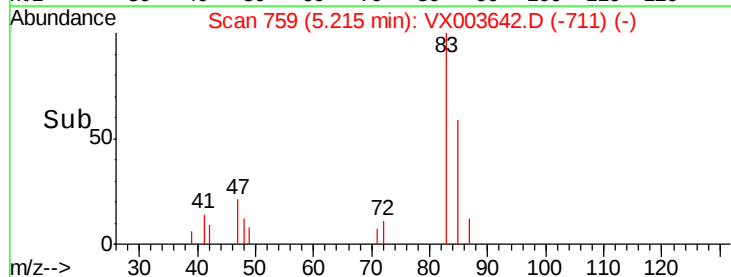
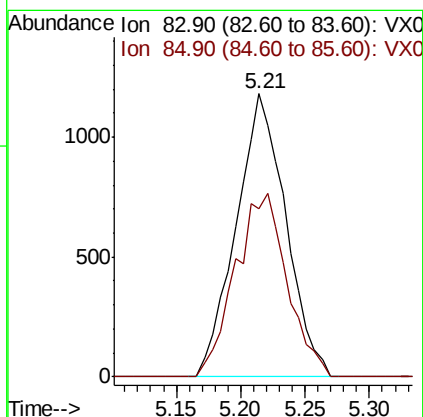
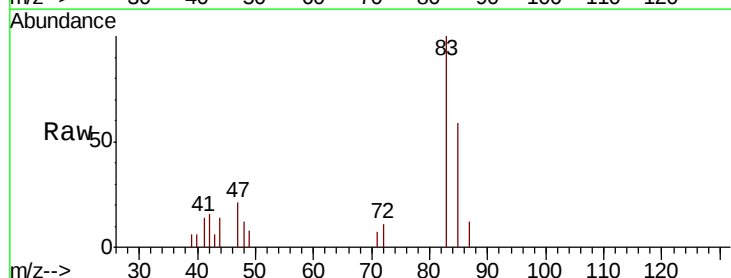
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

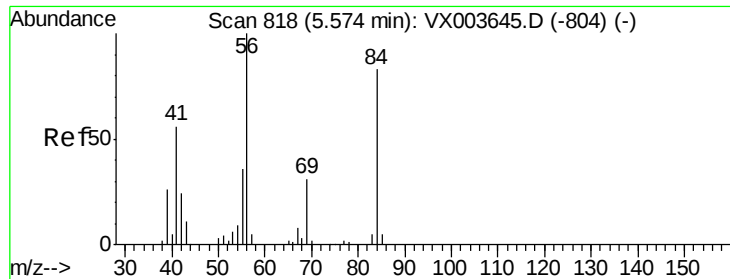
Tgt Ion: 42 Resp: 4828
Ion Ratio Lower Upper
42 100
72 39.0 33.4 50.0
71 39.1 31.0 46.6



#30
Chloroform
Concen: 1.079 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 83 Resp: 3148
Ion Ratio Lower Upper
83 100
85 59.4 50.2 75.4

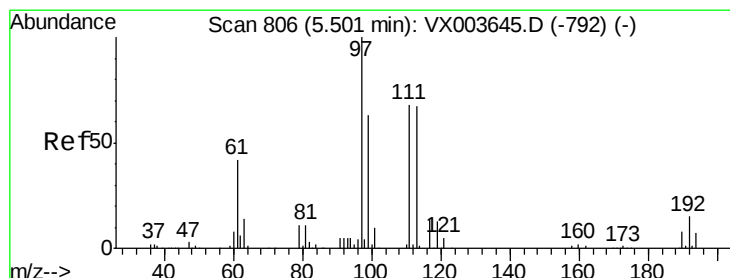
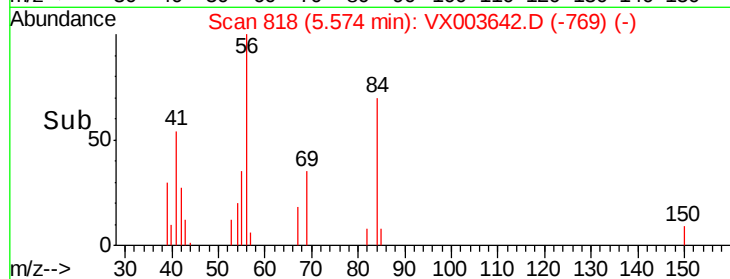
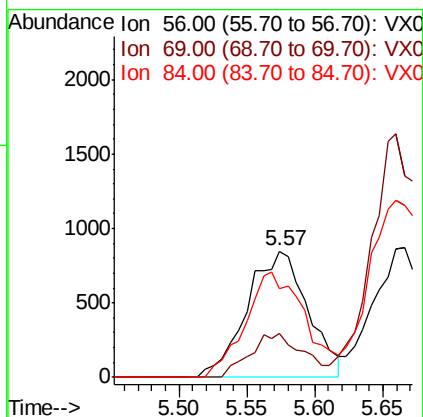
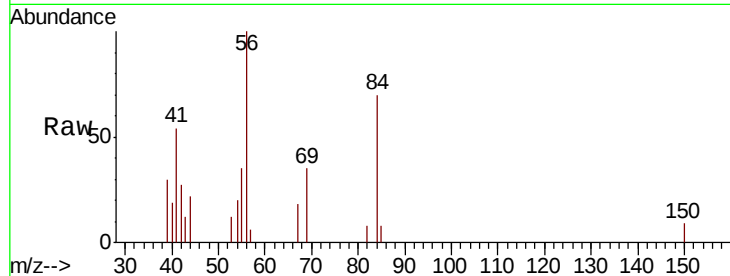




#31
Cyclohexane
Concen: 1.020 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

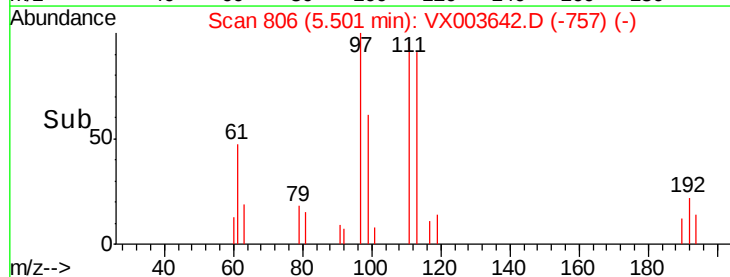
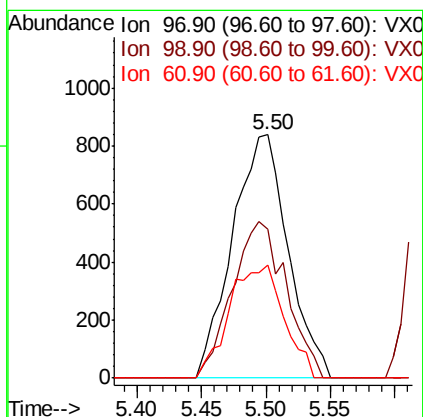
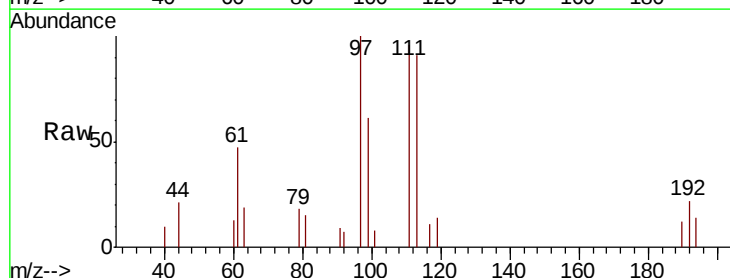
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

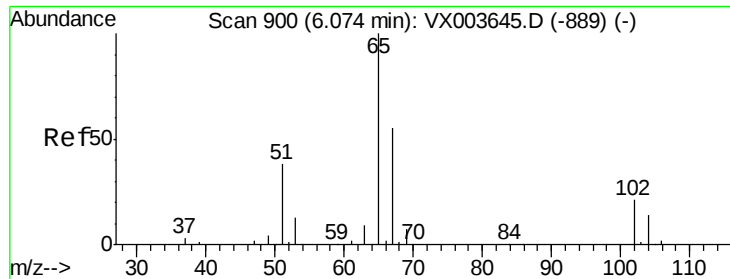
Tgt Ion: 56 Resp: 2635
Ion Ratio Lower Upper
56 100
69 34.8 25.0 37.6
84 70.3 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 1.038 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 97 Resp: 2515
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 45.6 34.5 51.7

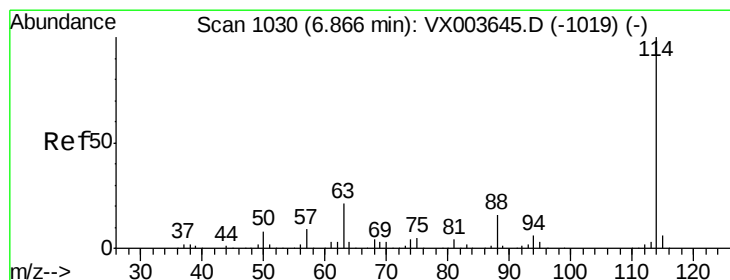
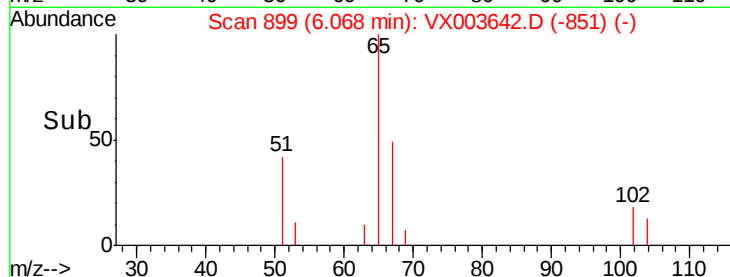
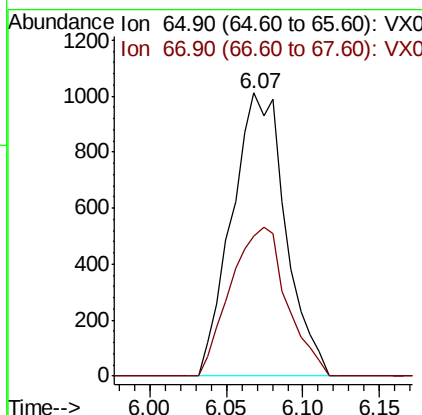
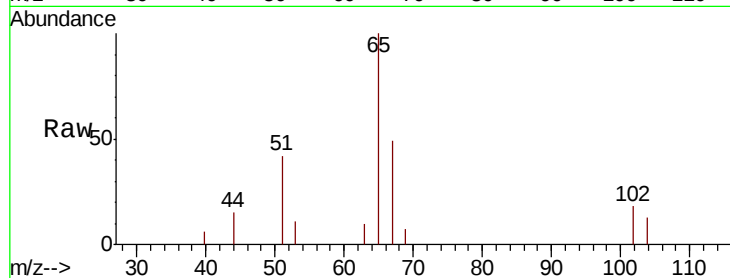




#33
 1,2-Dichloroethane-d4
 Concen: 1.289 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

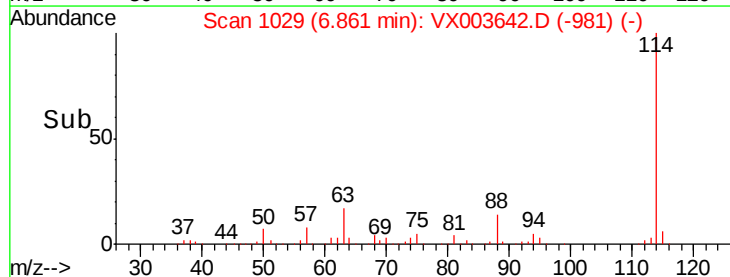
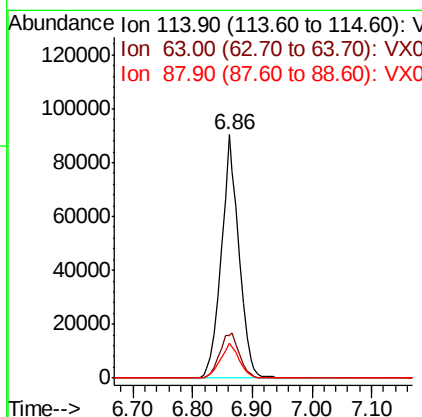
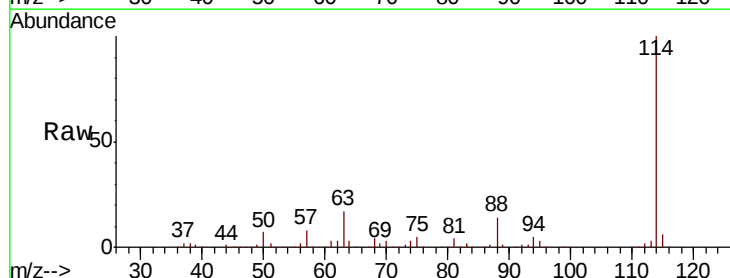
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

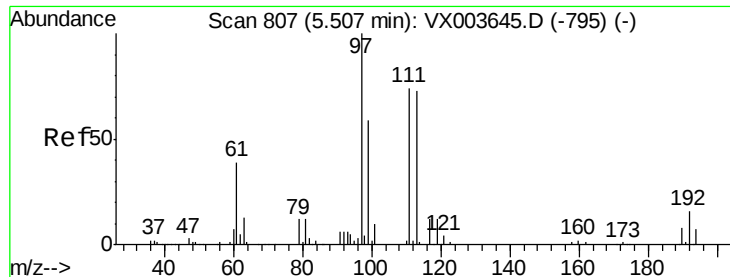
Tgt Ion: 65 Resp: 2475
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 114 Resp: 185966
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 41.0
 88 14.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 1.414 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

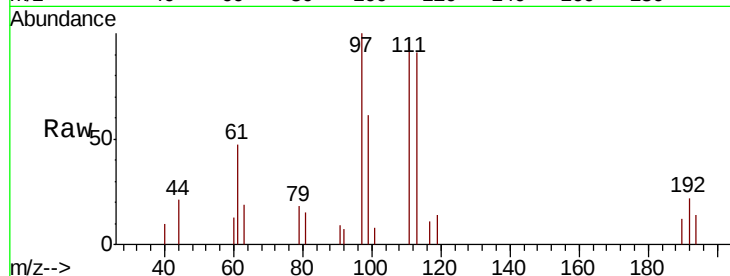
Tgt Ion:113 Resp: 2150

Ion Ratio Lower Upper

113 100

111 100.8 81.2 121.8

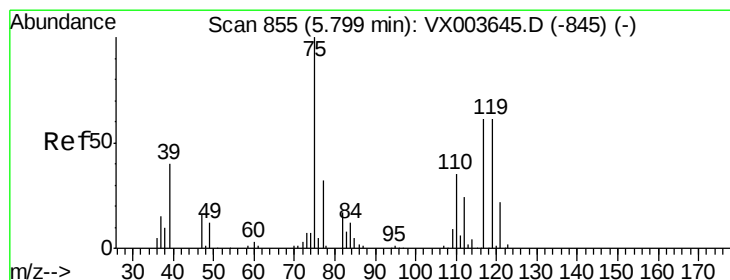
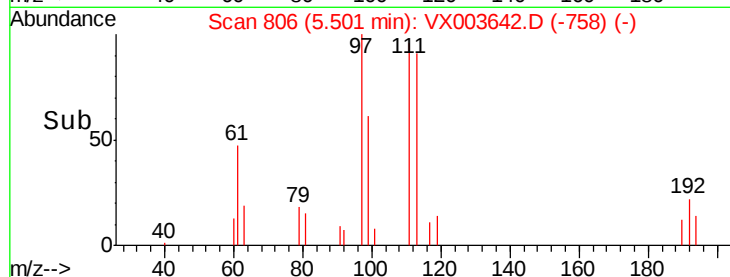
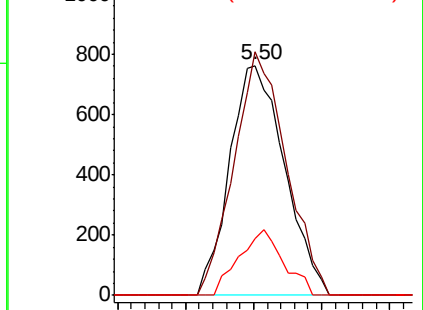
192 23.2 18.2 27.4



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: 1.112 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

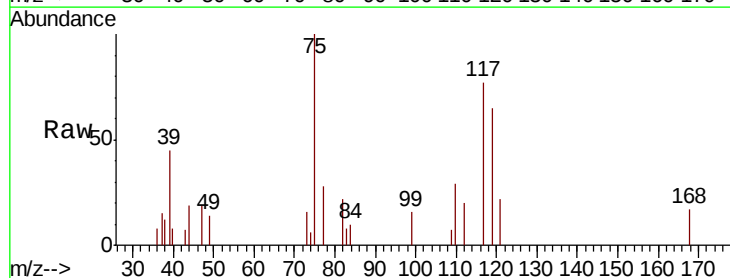
Tgt Ion: 75 Resp: 2418

Ion Ratio Lower Upper

75 100

110 32.7 18.1 54.1

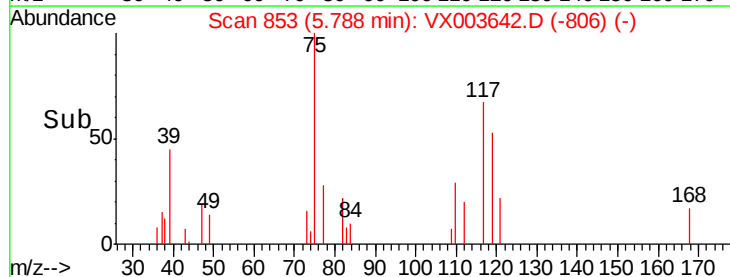
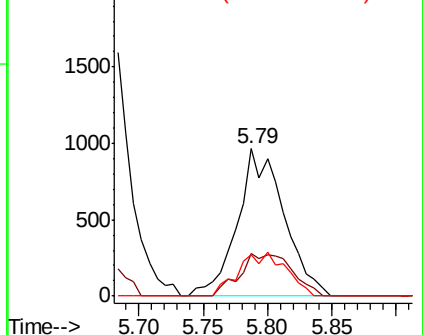
77 30.4 25.1 37.7

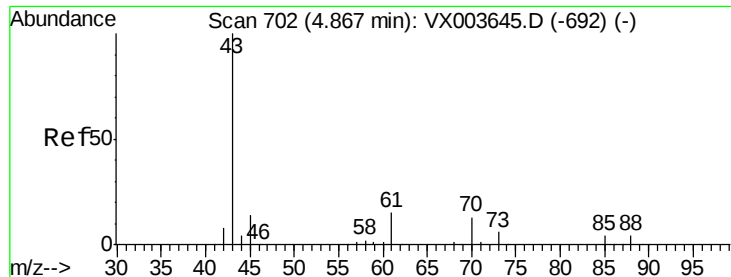


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

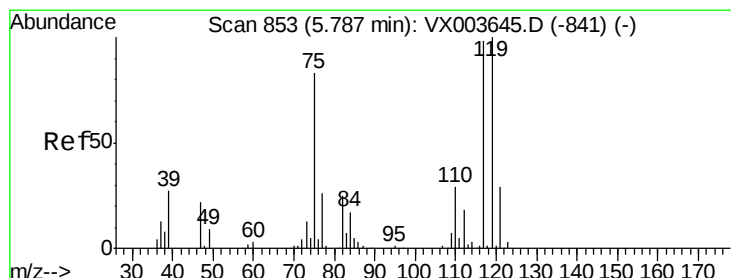
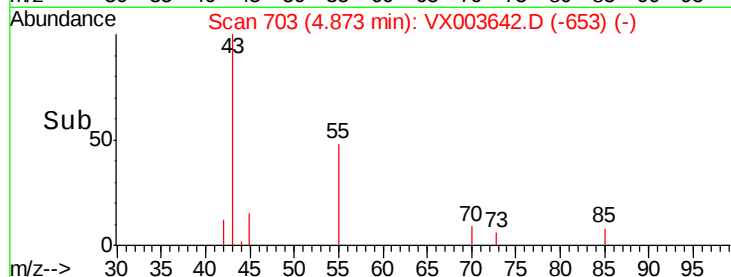
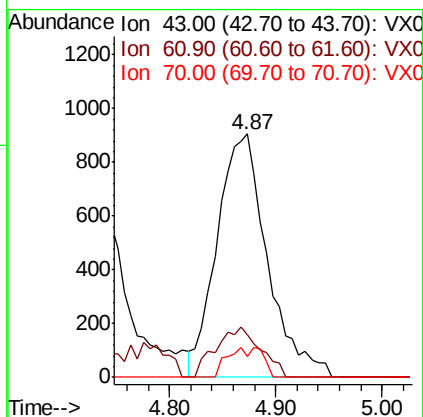
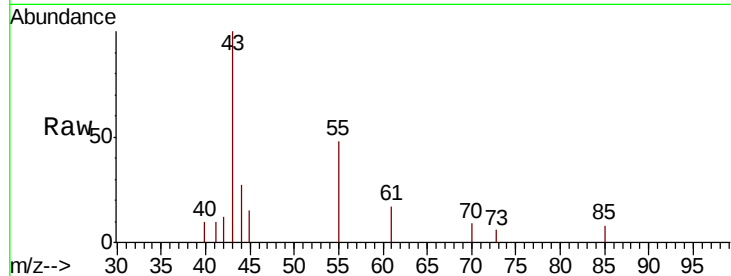




#37
Ethyl Acetate
Concen: 1.139 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

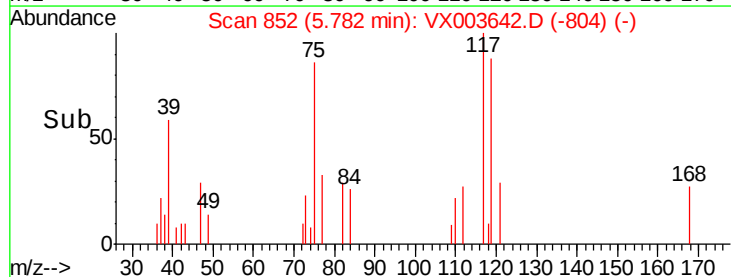
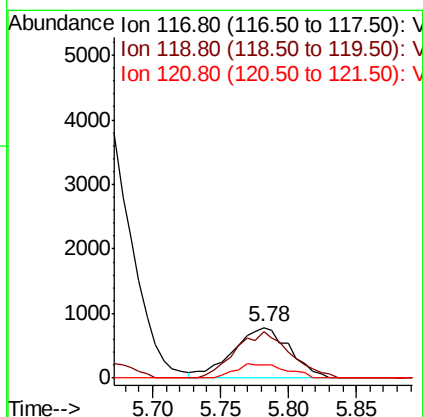
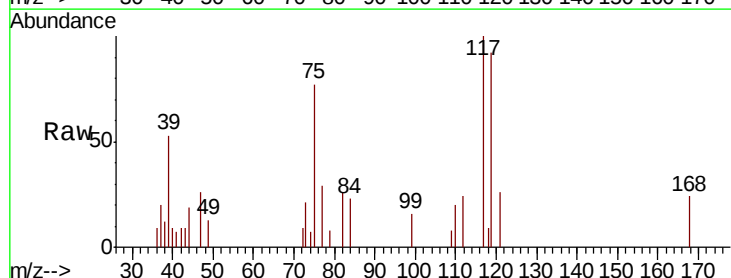
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

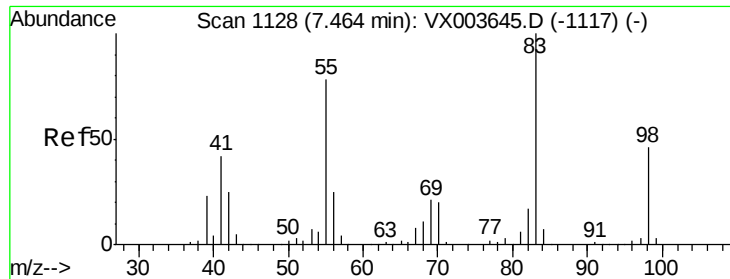
Tgt Ion: 43 Resp: 2977
Ion Ratio Lower Upper
43 100
61 18.4 11.9 17.9#
70 5.3 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 1.092 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 117 Resp: 2288
Ion Ratio Lower Upper
117 100
119 91.9 81.0 121.4
121 25.9 23.7 35.5

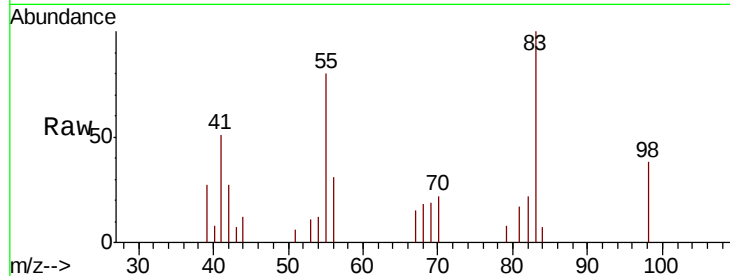




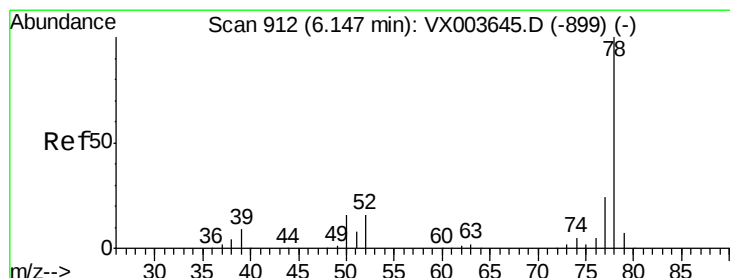
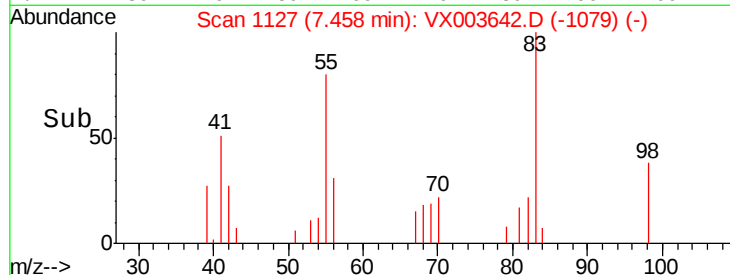
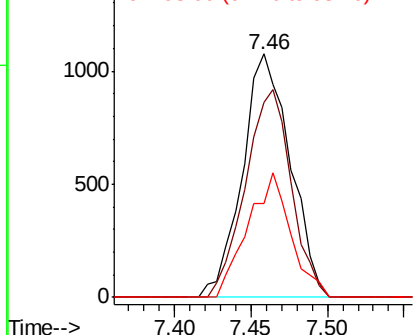
#39
Methylcyclohexane
Concen: 0.979 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 2342
Ion Ratio Lower Upper
83 100
55 80.0 62.6 93.8
98 38.4 36.6 55.0

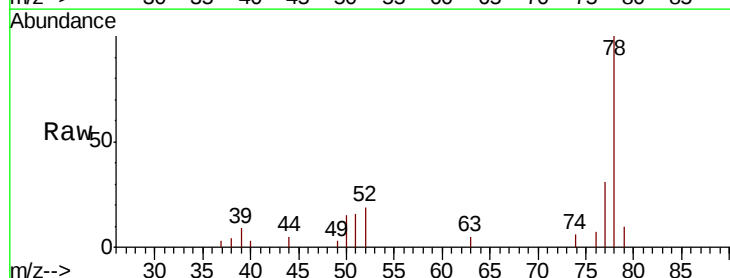


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

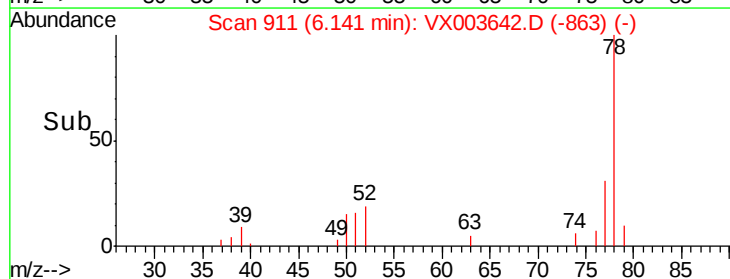
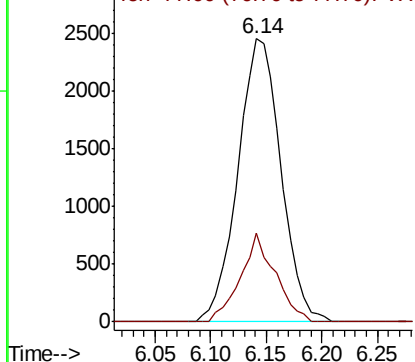


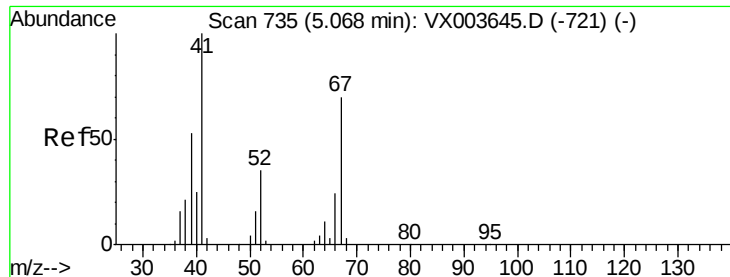
#40
Benzene
Concen: 1.022 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 78 Resp: 6573
Ion Ratio Lower Upper
78 100
77 31.3 19.0 28.6#



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





#41

Methacrylonitrile

Concen: 1.175 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tgt Ion: 41 Resp: 1701

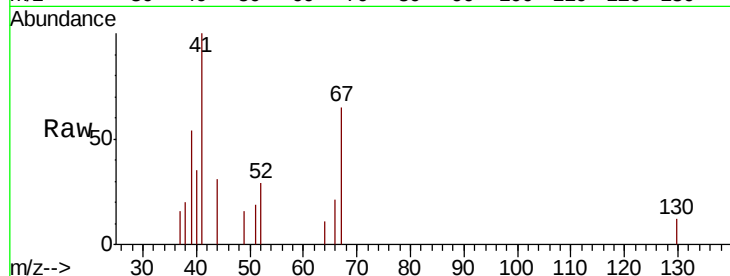
Ion Ratio Lower Upper

41 100

39 57.3 42.2 63.4

67 57.3 56.6 84.8

52 23.8 24.0 36.0#

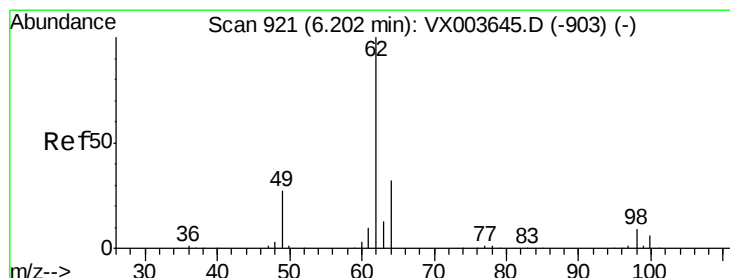
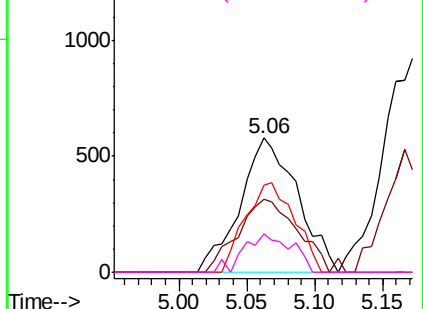
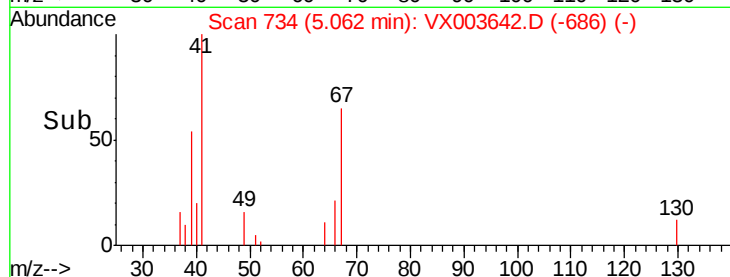


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.058 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003642.D

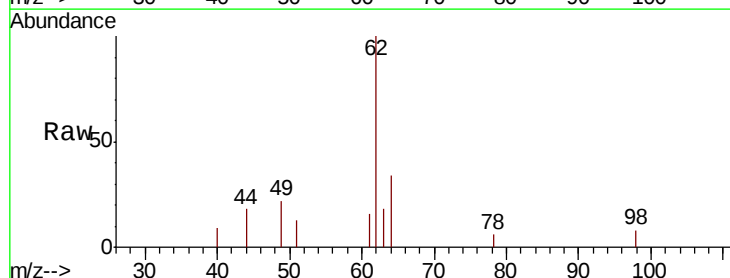
Acq: 24 Jul 2018 16:15

Tgt Ion: 62 Resp: 2395

Ion Ratio Lower Upper

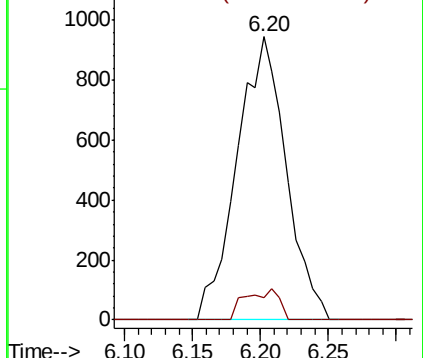
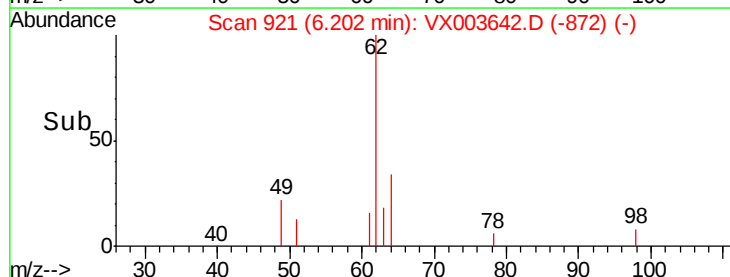
62 100

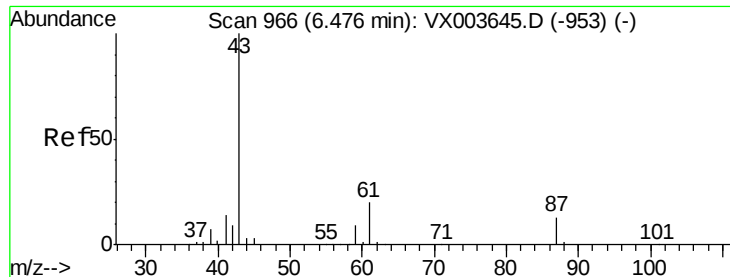
98 7.4 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

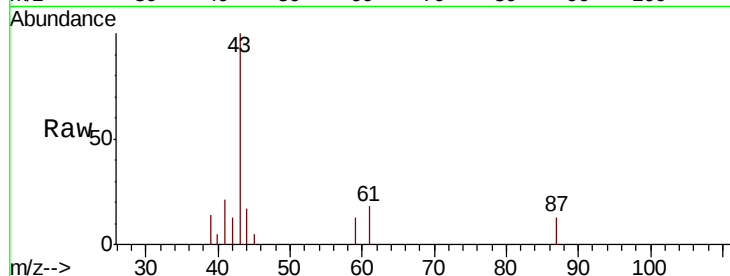




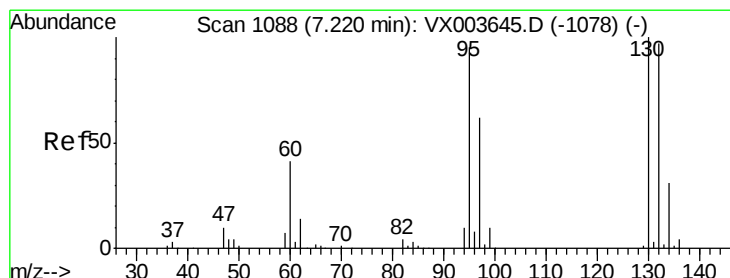
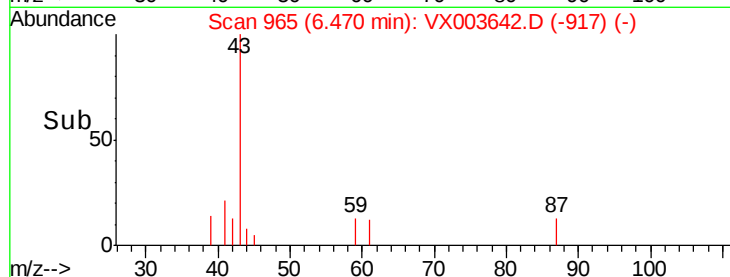
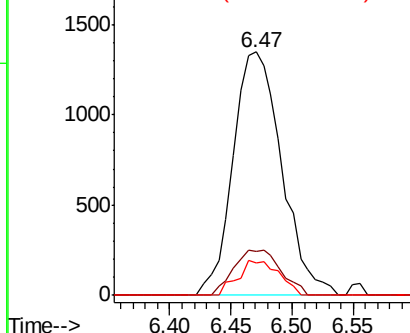
#43
Isopropyl Acetate
Concen: 0.976 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 3723
Ion Ratio Lower Upper
43 100
61 18.0 15.9 23.9
87 12.0 10.1 15.1

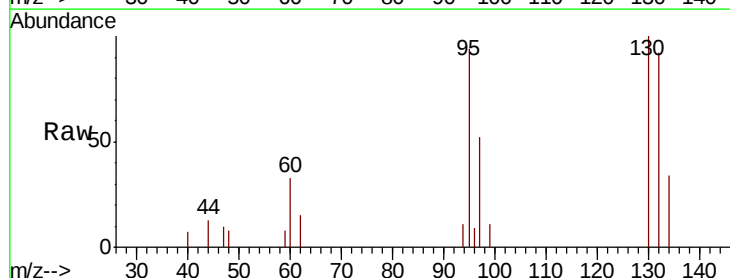


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

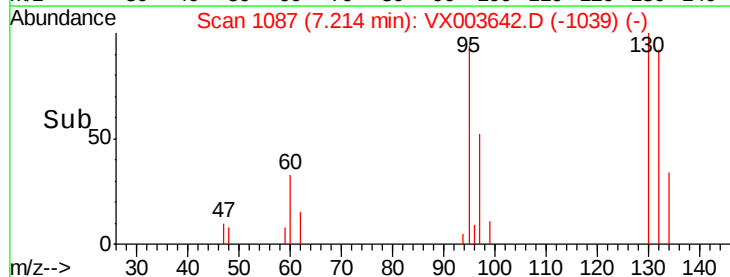
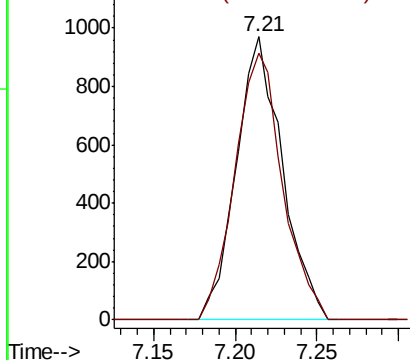


#44
Trichloroethene
Concen: 1.104 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 130 Resp: 1904
Ion Ratio Lower Upper
130 100
95 94.0 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

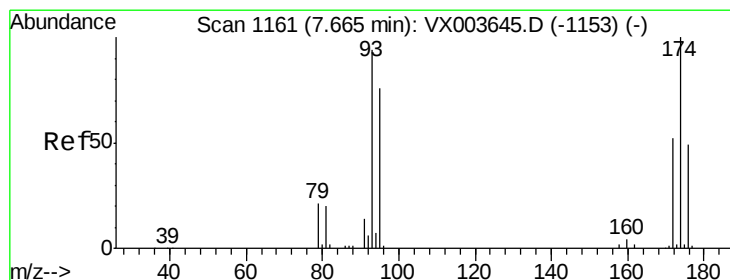
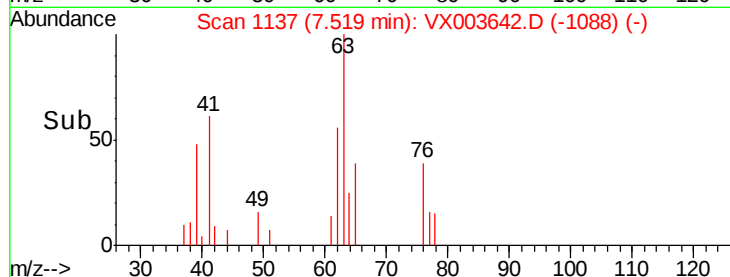
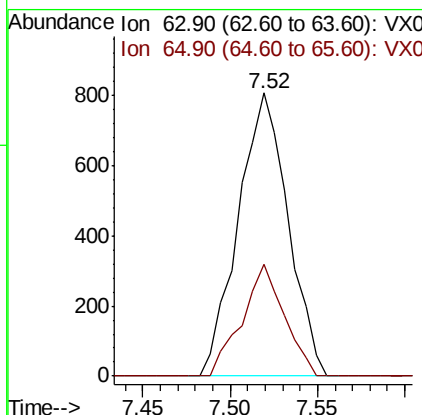
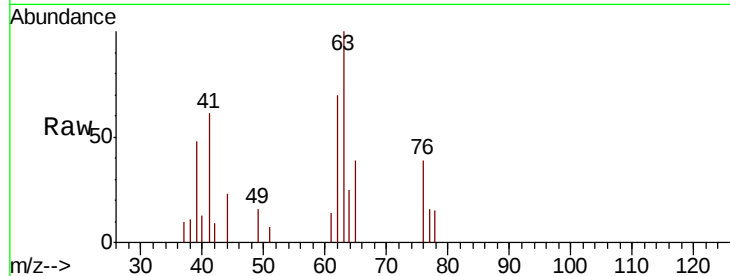




#45
 1,2-Dichloropropane
 Concen: 0.963 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

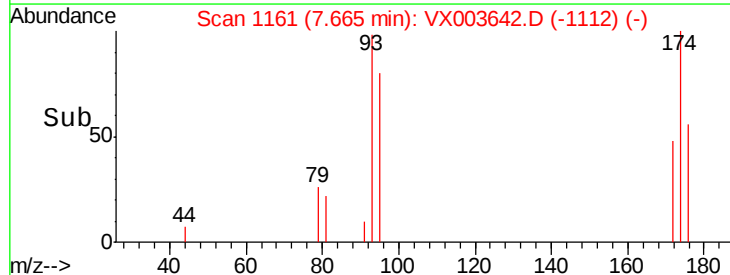
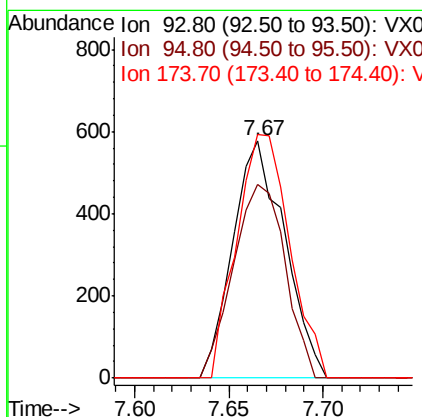
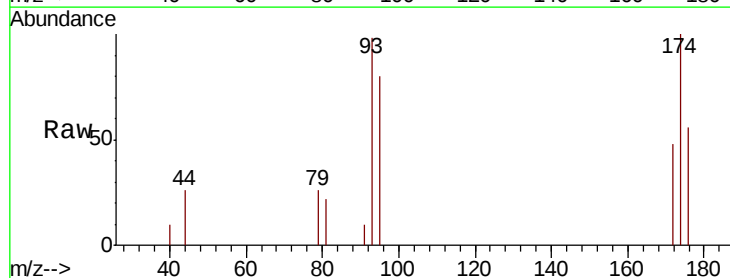
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

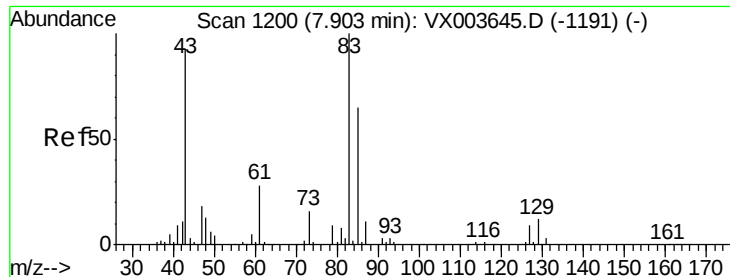
Tgt Ion: 63 Resp: 1602
 Ion Ratio Lower Upper
 63 100
 65 39.3 24.0 36.0#



#46
 Dibromomethane
 Concen: 1.031 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 93 Resp: 1101
 Ion Ratio Lower Upper
 93 100
 95 81.8 67.0 100.6
 174 105.3 89.6 134.4





#47

Bromodichloromethane

Concen: 0.980 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

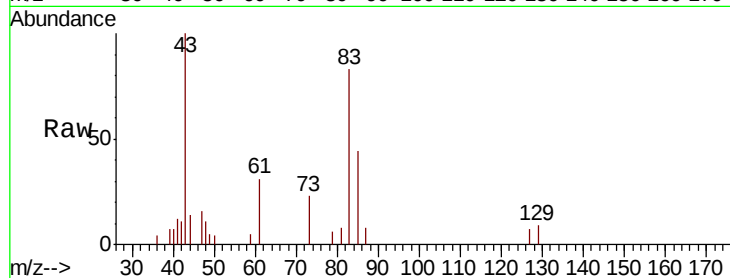
Tgt Ion: 83 Resp: 1963

Ion Ratio Lower Upper

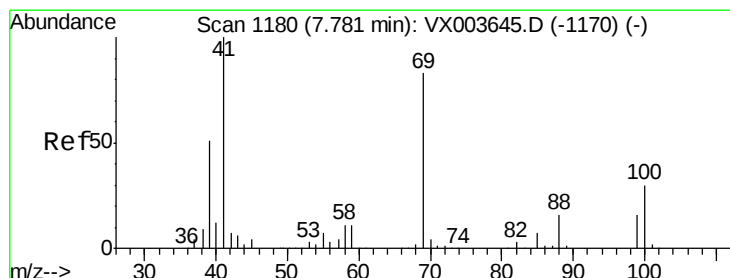
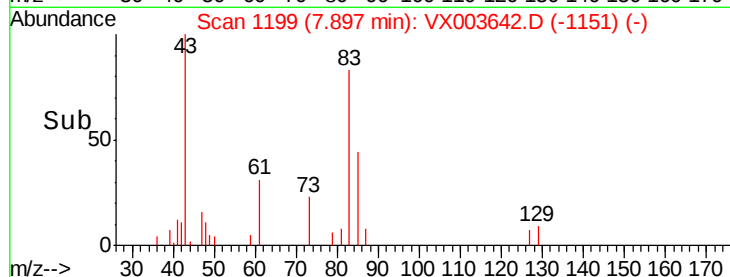
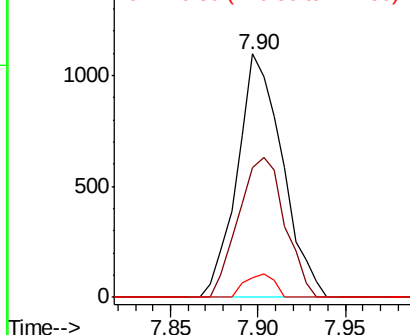
83 100

85 53.0 51.8 77.6

127 8.0 7.0 10.6



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: 0.948 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

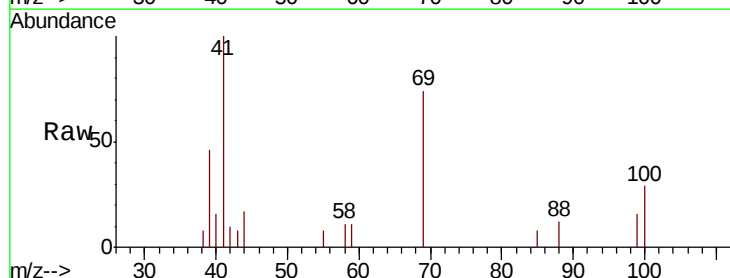
Tgt Ion: 41 Resp: 1834

Ion Ratio Lower Upper

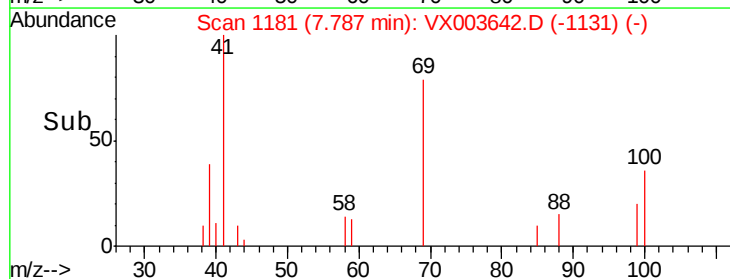
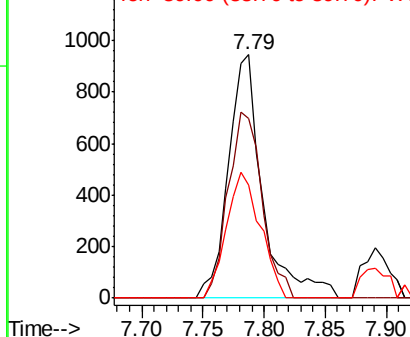
41 100

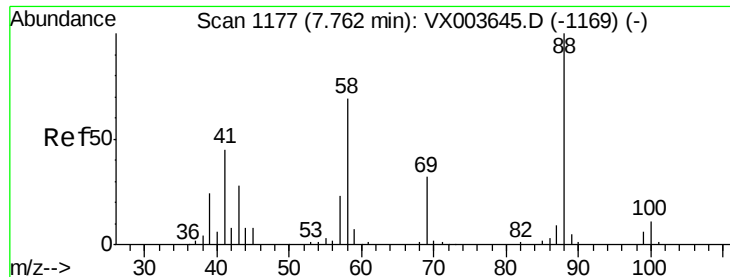
69 75.5 66.9 100.3

39 51.4 41.2 61.8



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

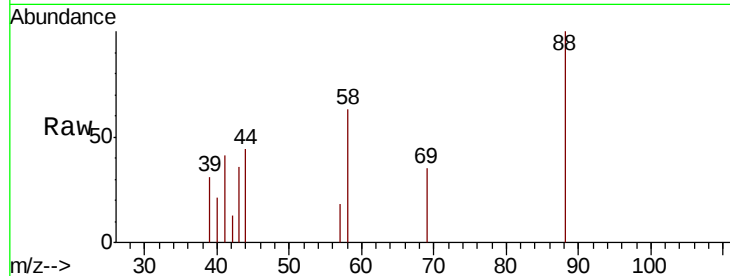




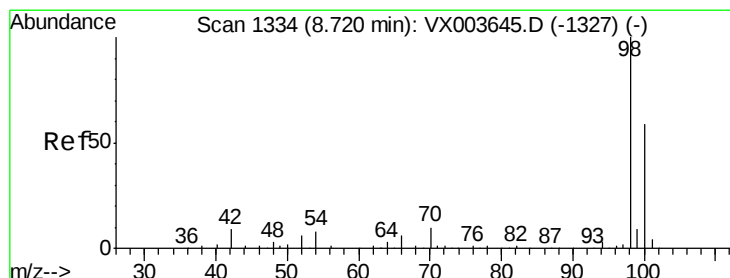
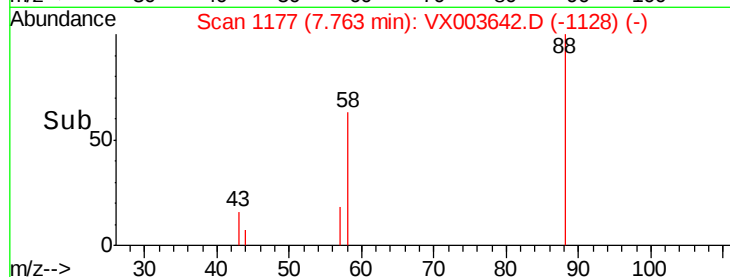
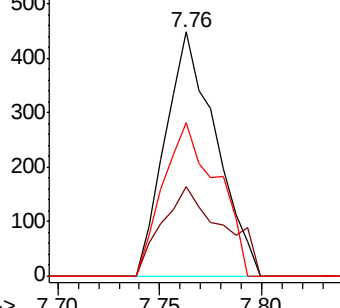
#49
 1,4-Dioxane
 Concen: 17.791 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 88 Resp: 768
 Ion Ratio Lower Upper
 88 100
 43 43.8 25.8 38.6#
 58 67.2 58.3 87.5

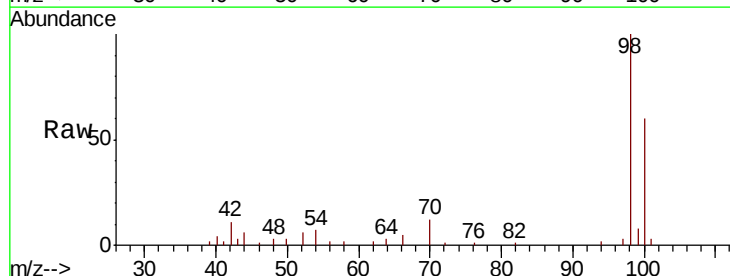


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

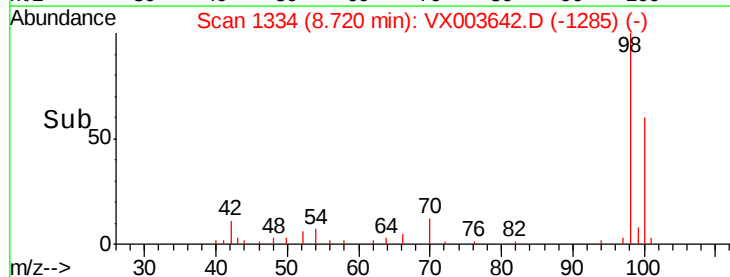
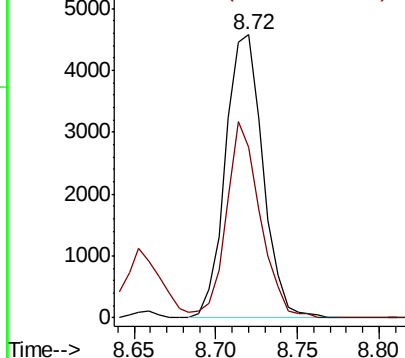


#50
 Toluene-d8
 Concen: 1.263 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 98 Resp: 7327
 Ion Ratio Lower Upper
 98 100
 100 62.6 50.9 76.3



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

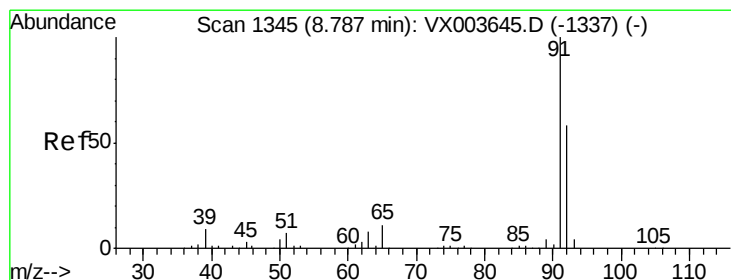
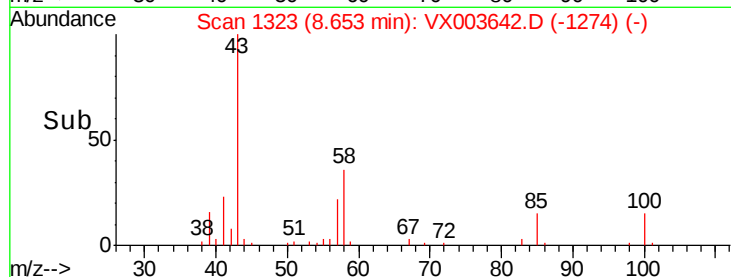
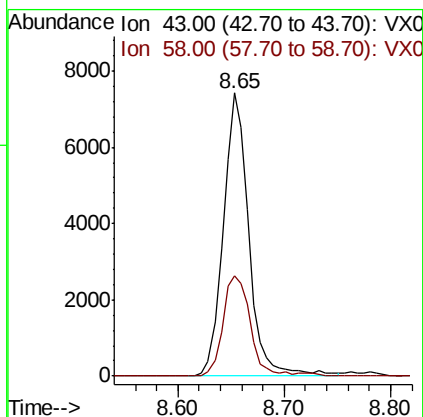
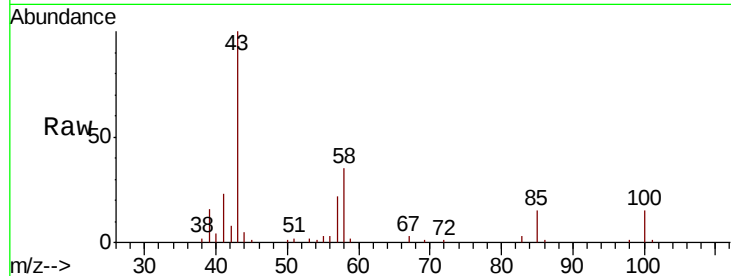




#51
 4-Methyl-2-Pentanone
 Concen: 4.839 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

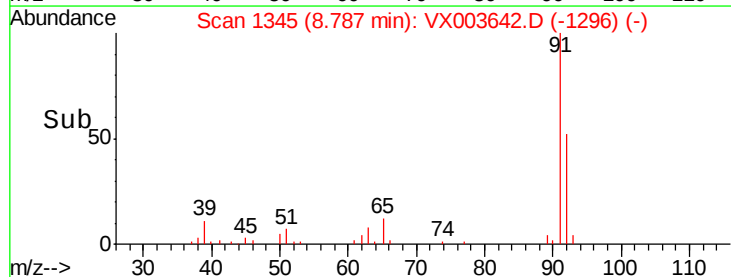
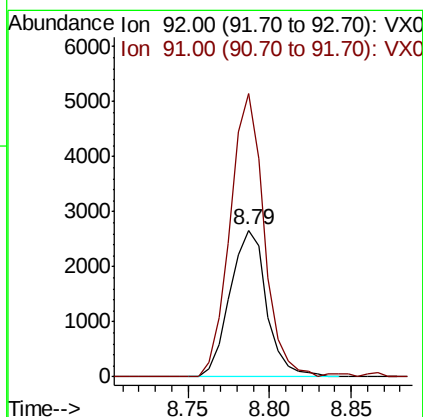
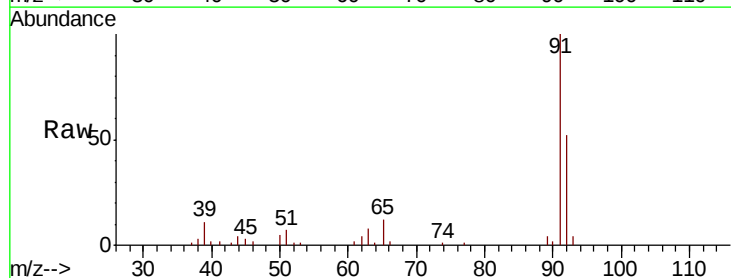
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

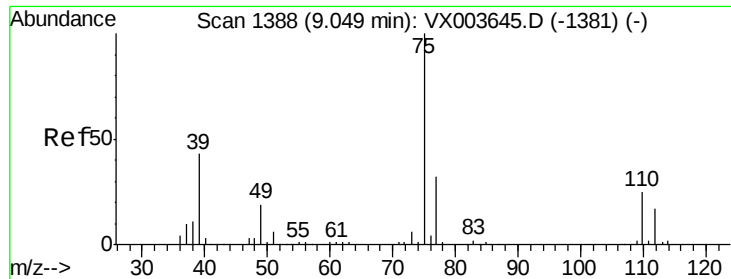
Tgt Ion: 43 Resp: 12449
 Ion Ratio Lower Upper
 43 100
 58 37.7 31.5 47.3



#52
 Toluene
 Concen: 1.042 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 92 Resp: 4166
 Ion Ratio Lower Upper
 92 100
 91 178.7 139.0 208.6

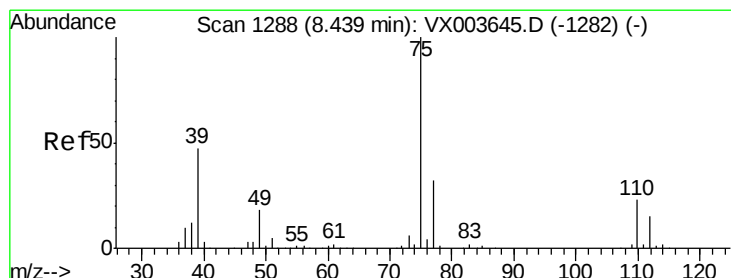
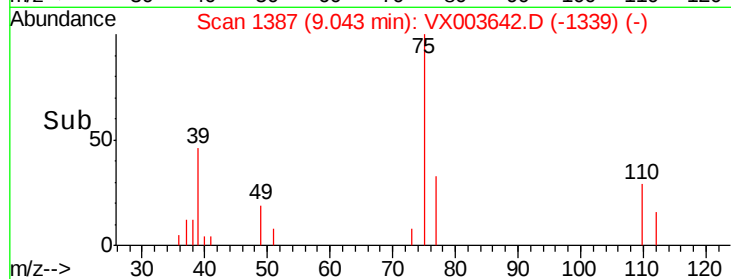
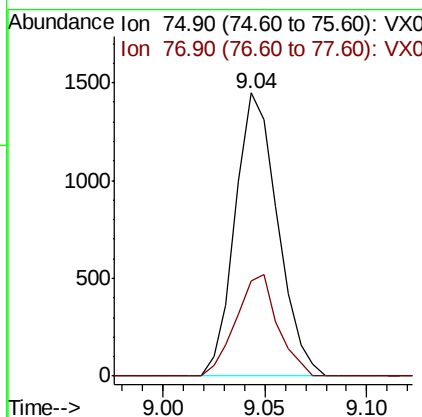
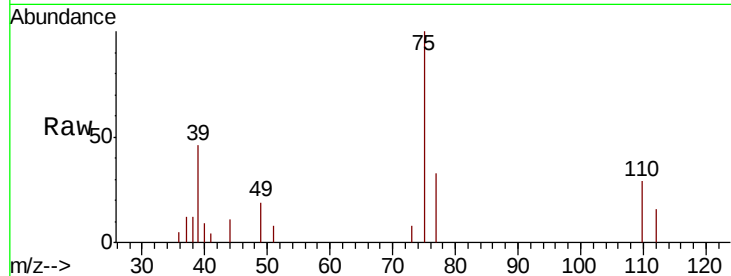




#53
 t-1,3-Dichloropropene
 Concen: 0.872 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

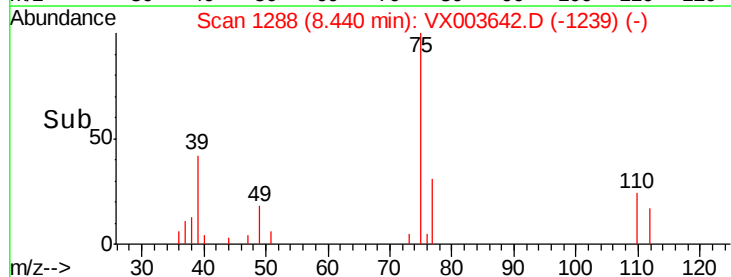
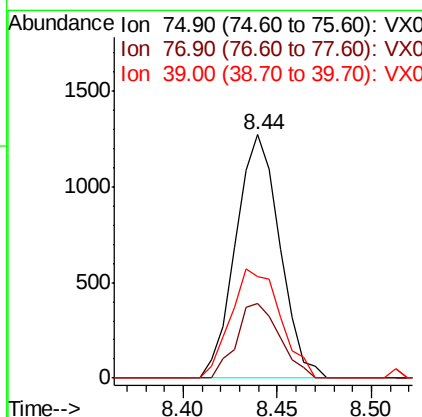
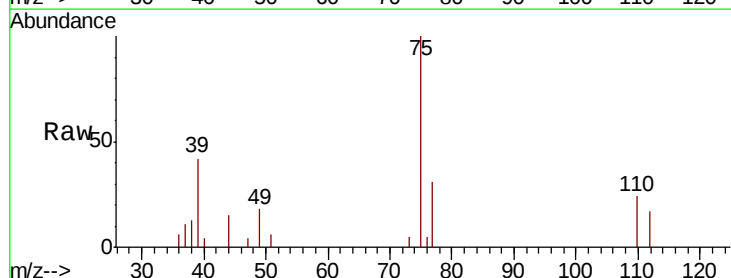
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

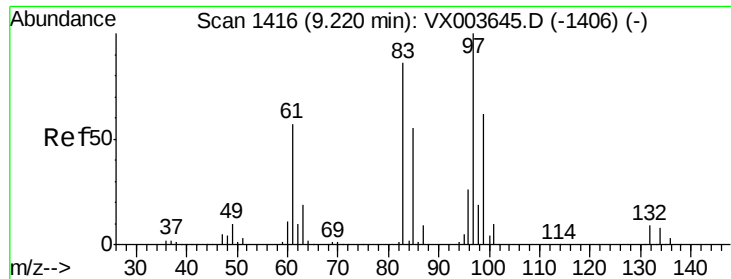
Tgt Ion: 75 Resp: 2097
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 0.916 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 75 Resp: 2064
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.2 37.8
 39 41.9 38.0 57.0

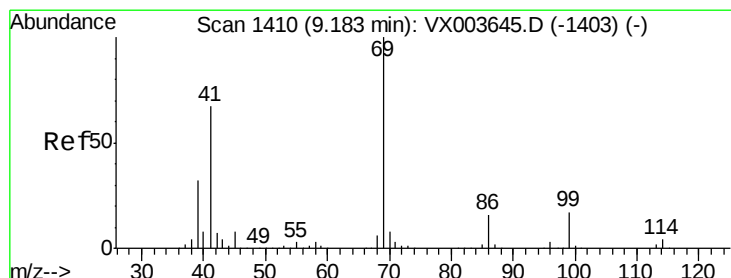
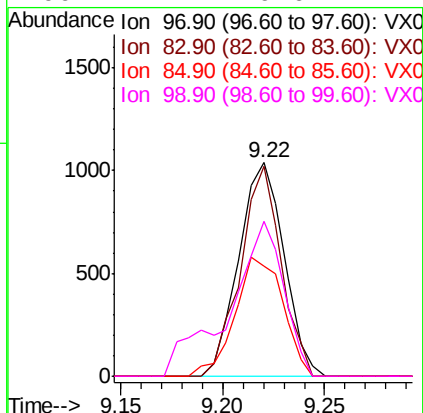
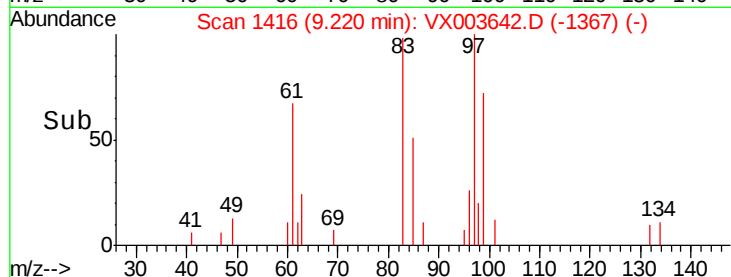
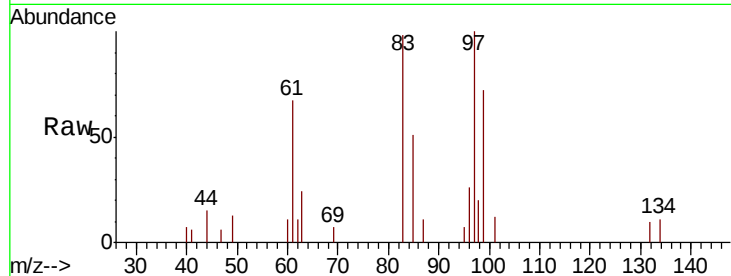




#55
 1,1,2-Trichloroethane
 Concen: 0.982 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

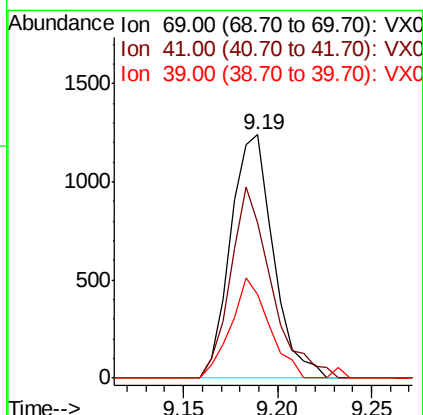
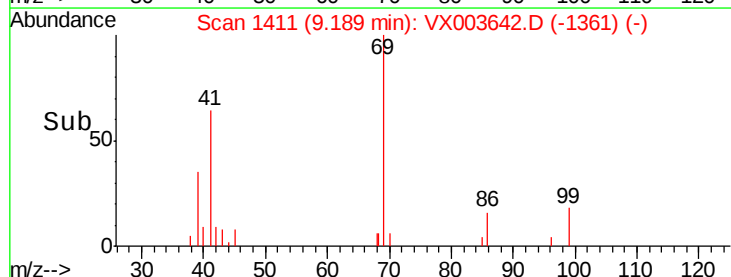
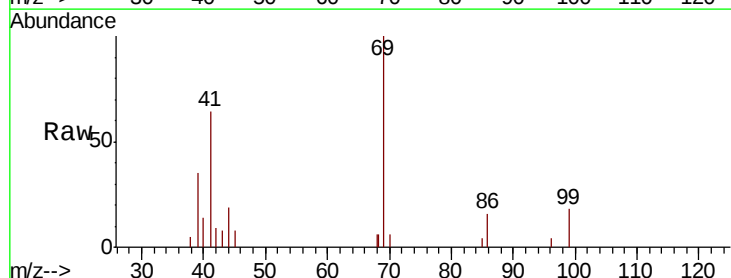
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

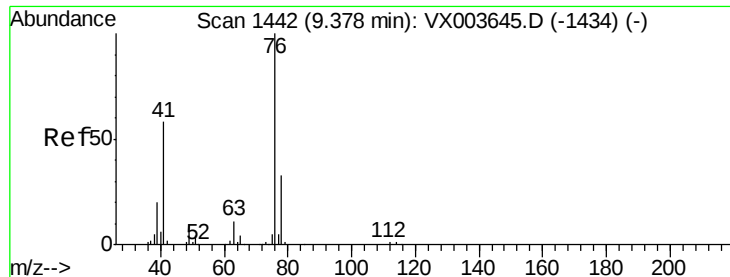
Tgt Ion:	97	Resp:	1605
Ion	Ratio	Lower	Upper
97	100		
83	98.2	68.7	103.1
85	51.3	43.7	65.5
99	72.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 0.800 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion:	69	Resp:	1947
Ion	Ratio	Lower	Upper
69	100		
41	75.1	53.8	80.6
39	37.2	25.8	38.8

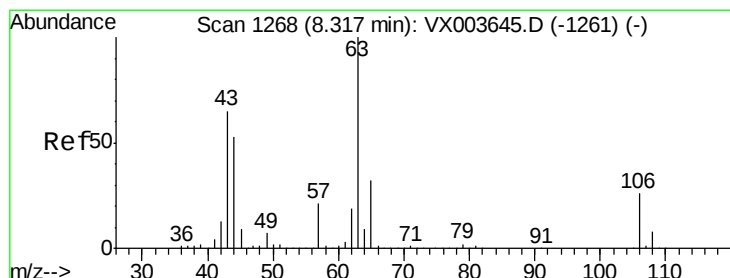
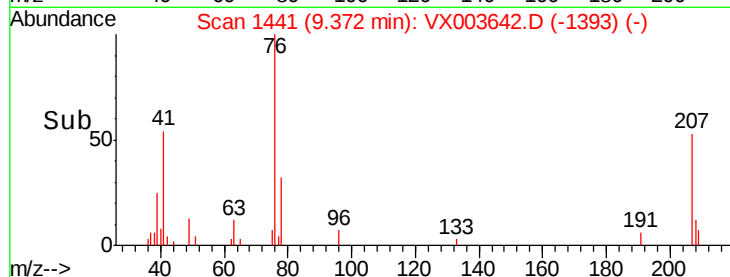
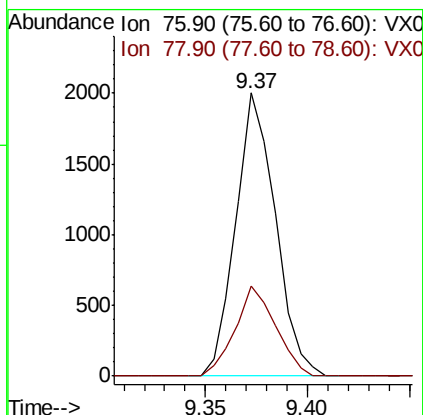
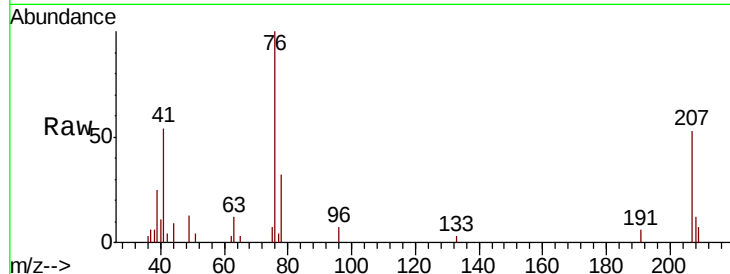




#57
 1,3-Dichloropropane
 Concen: 0.984 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

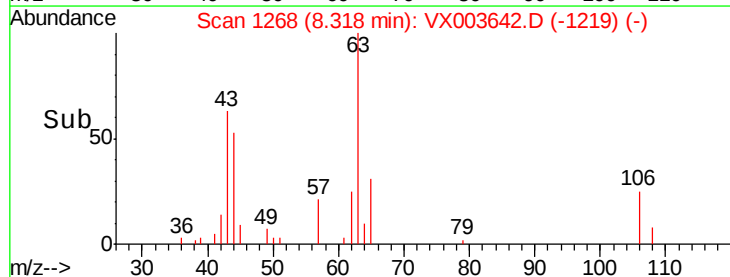
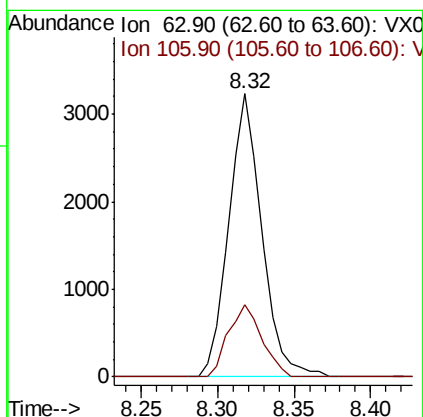
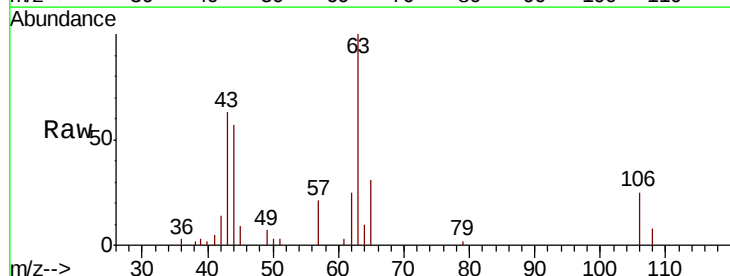
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

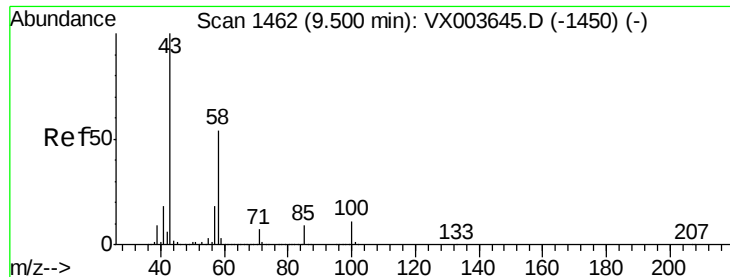
Tgt Ion: 76 Resp: 2701
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.958 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 63 Resp: 4838
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.5 32.3

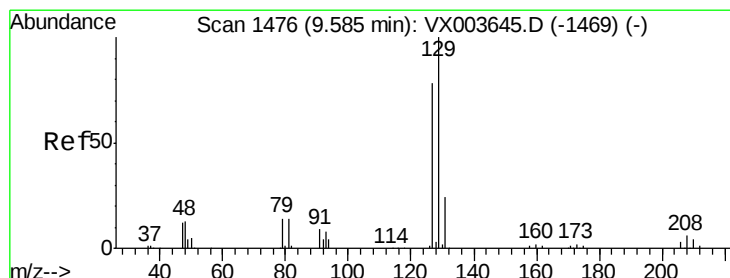
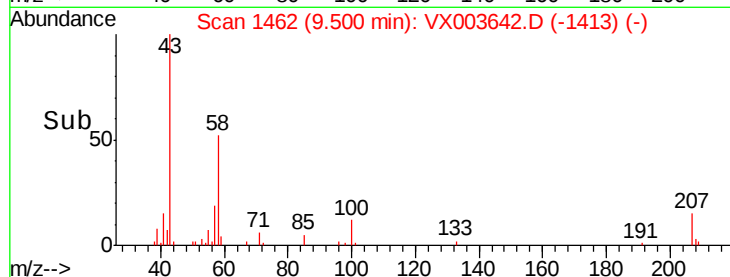
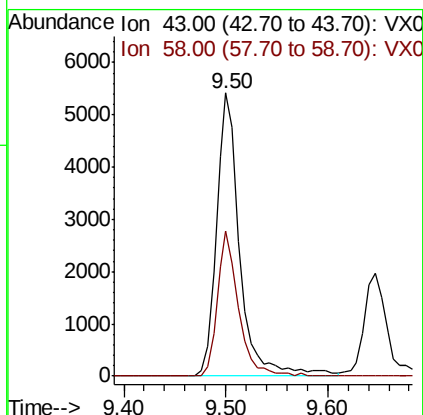
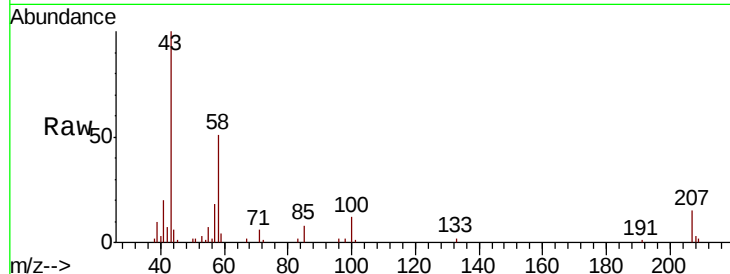




#59
2-Hexanone
Concen: 4.381 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

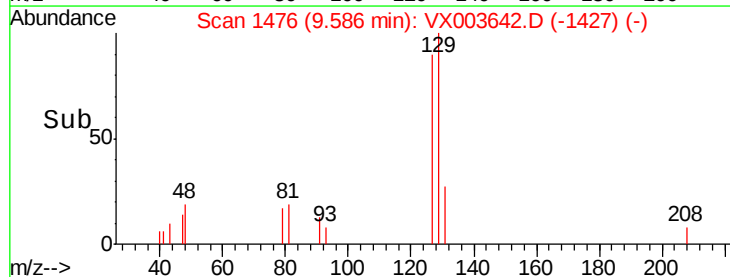
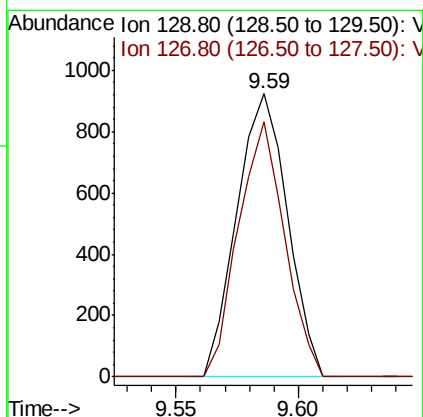
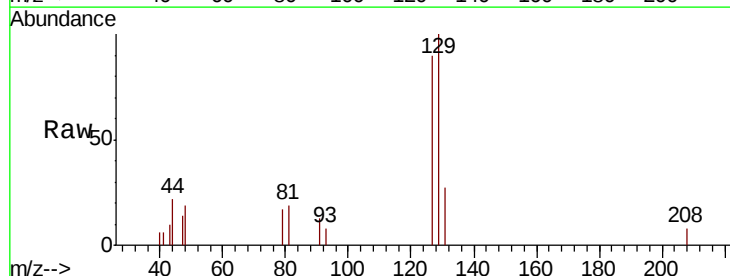
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

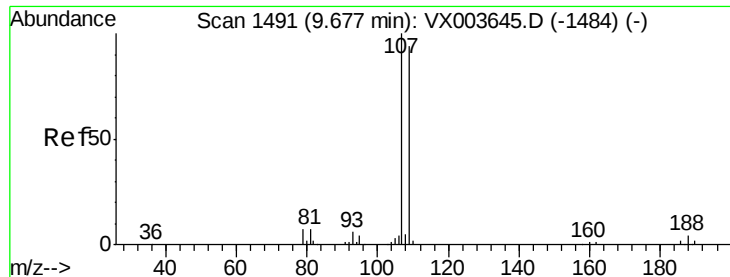
Tgt Ion: 43 Resp: 8647
Ion Ratio Lower Upper
43 100
58 46.7 27.3 81.9



#60
Dibromochloromethane
Concen: 0.857 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 129 Resp: 1329
Ion Ratio Lower Upper
129 100
127 82.2 38.7 116.1

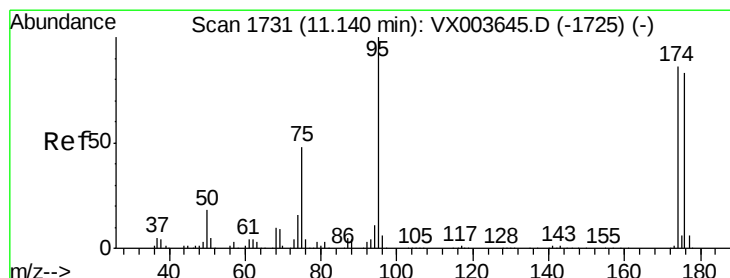
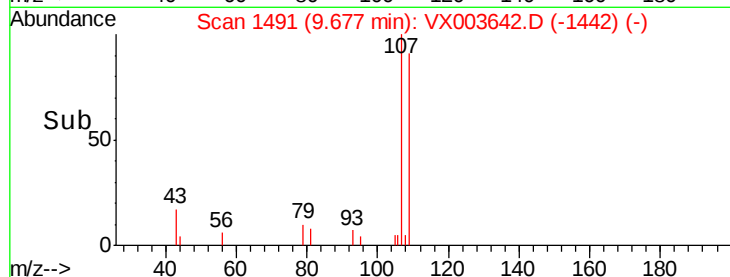
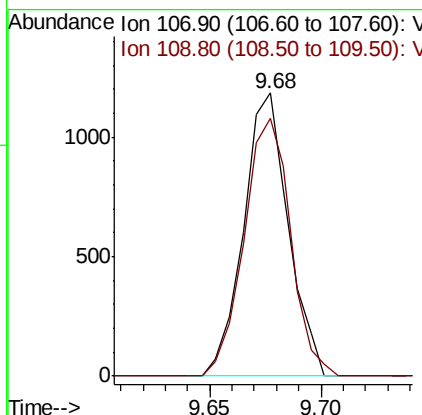
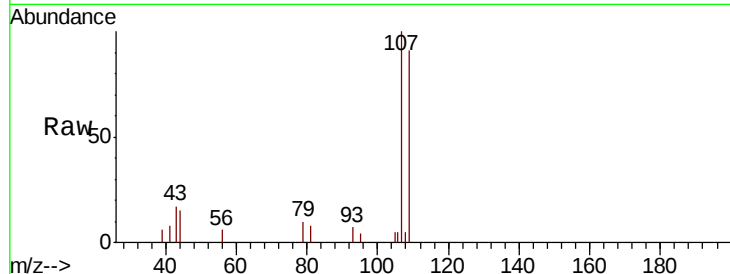




#61
 1,2-Dibromoethane
 Concen: 0.975 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

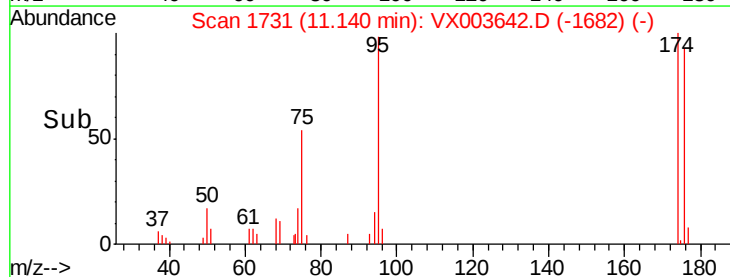
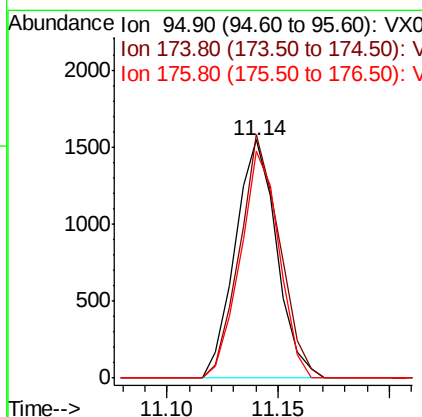
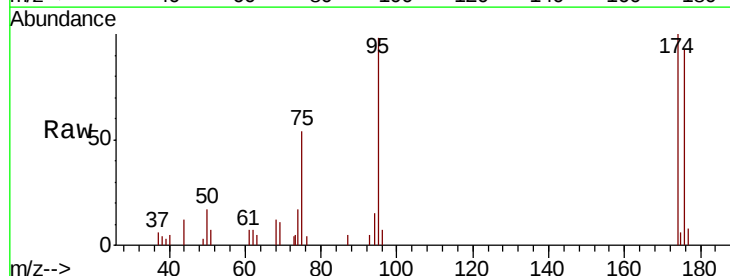
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

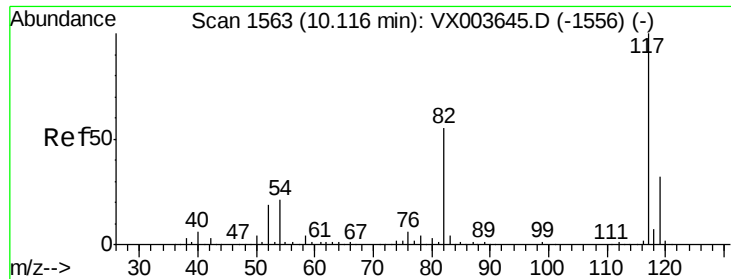
Tgt Ion: 107 Resp: 1659
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 0.952 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 95 Resp: 2014
 Ion Ratio Lower Upper
 95 100
 174 97.7 0.0 179.0
 176 88.8 0.0 173.0

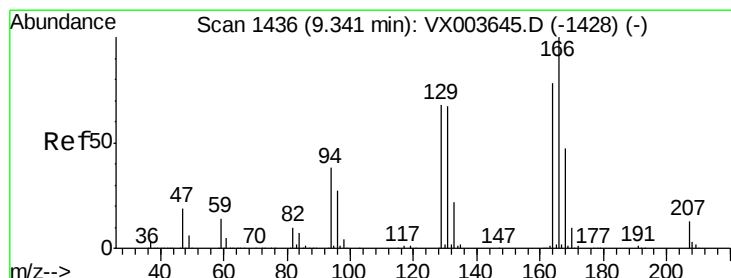
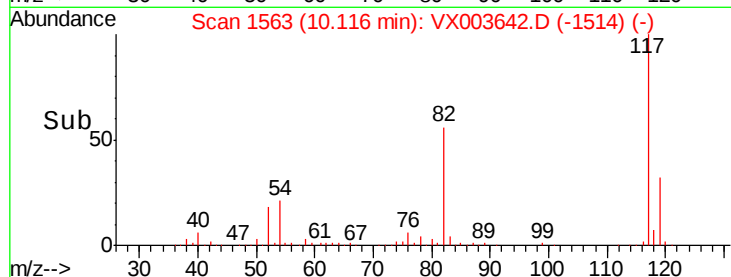
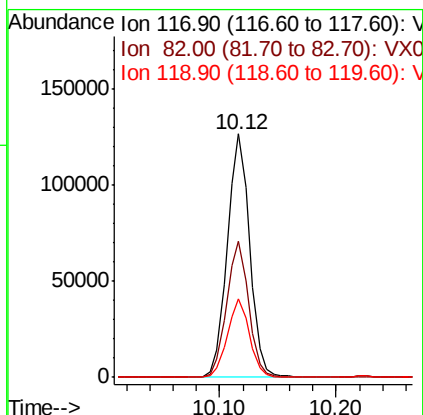
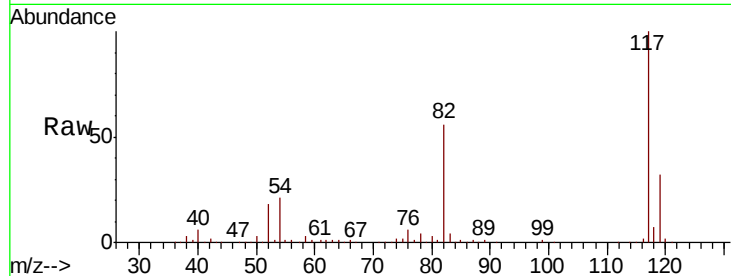




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

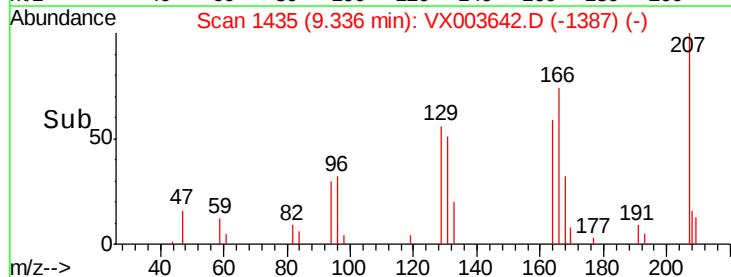
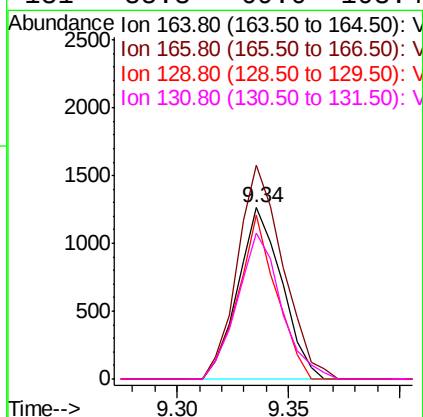
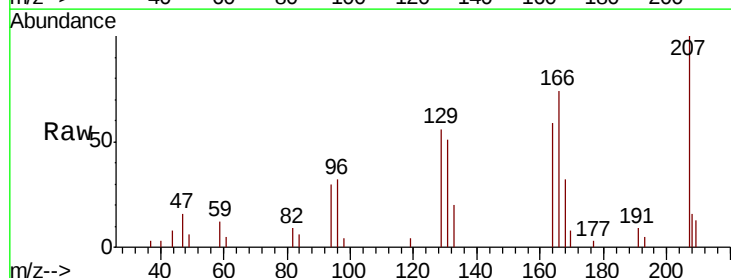
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

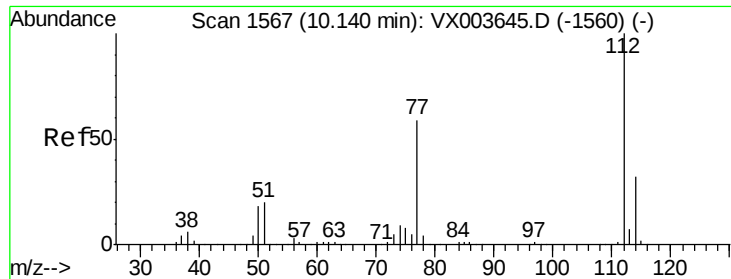
Tgt Ion:117 Resp: 169166
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 1.119 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion:164 Resp: 1731
Ion Ratio Lower Upper
164 100
166 124.6 102.4 153.6
129 95.3 69.6 104.4
131 85.3 69.0 103.4

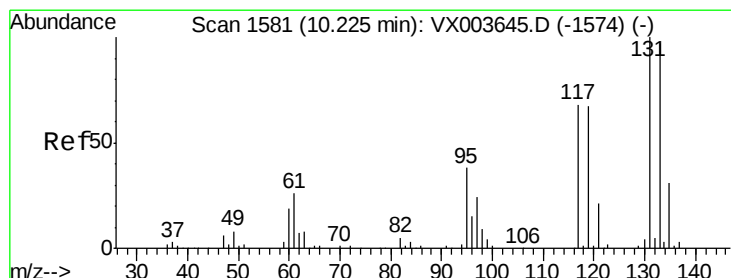
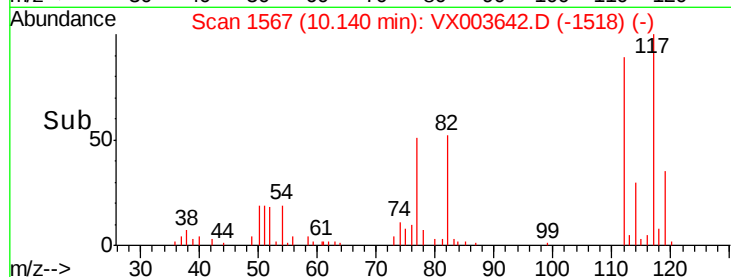
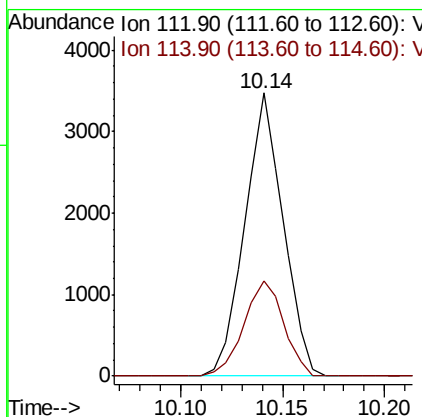
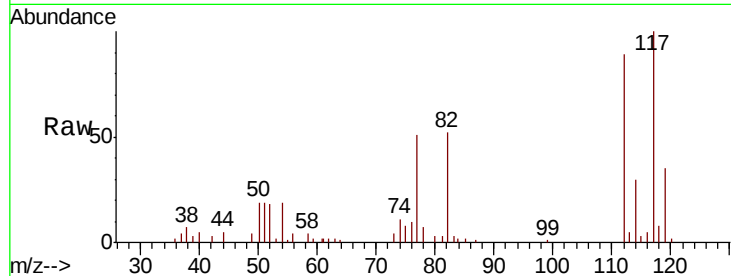




#65
Chlorobenzene
Concen: 1.066 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

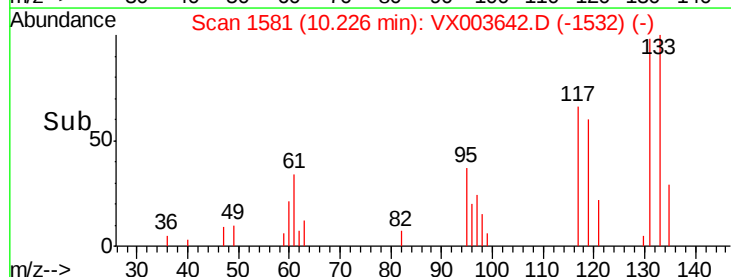
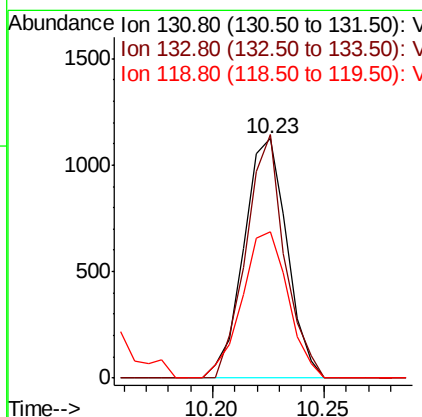
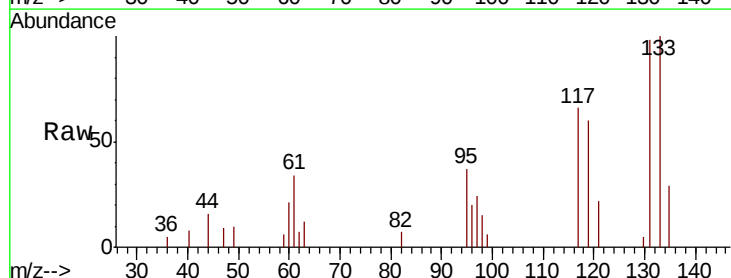
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

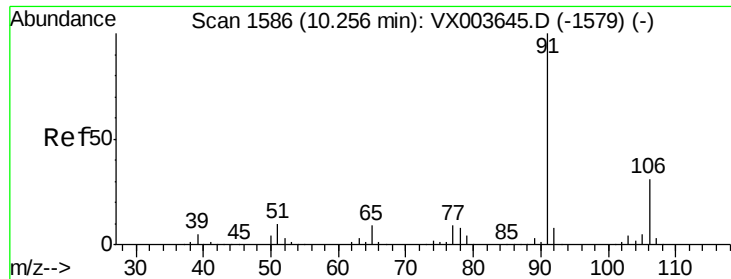
Tgt Ion:112 Resp: 4539
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.030 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion:131 Resp: 1524
Ion Ratio Lower Upper
131 100
133 90.7 47.6 142.8
119 0.0 32.8 98.4#

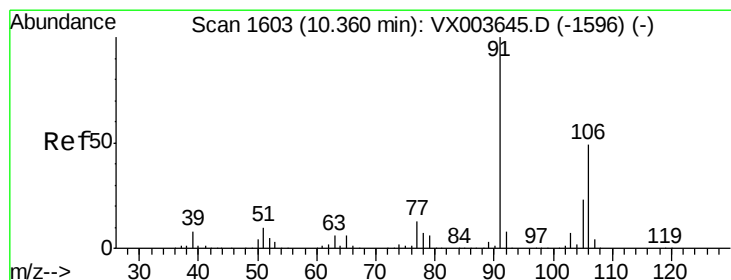
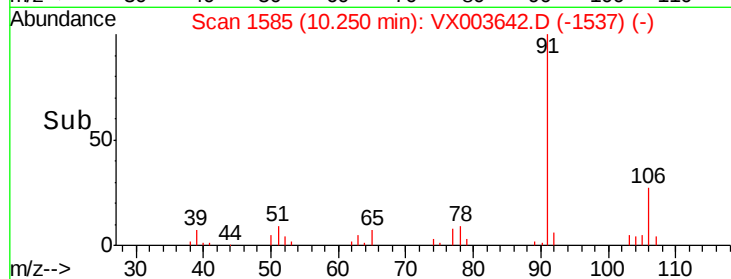
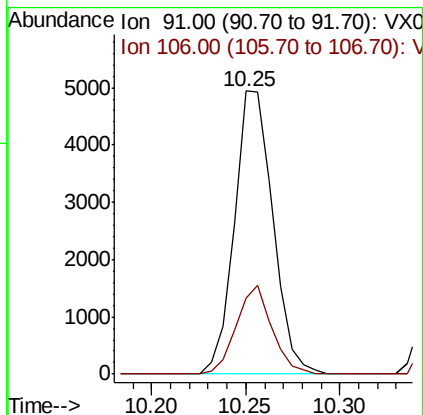
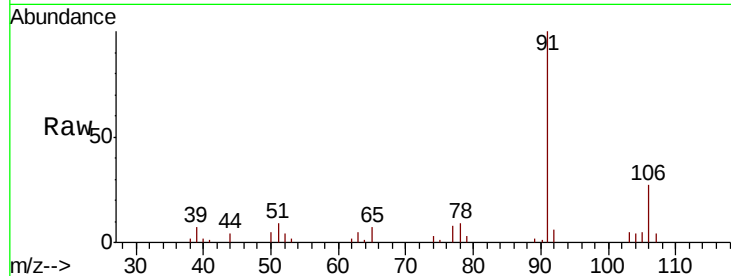




#67
Ethyl Benzene
Concen: 0.980 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

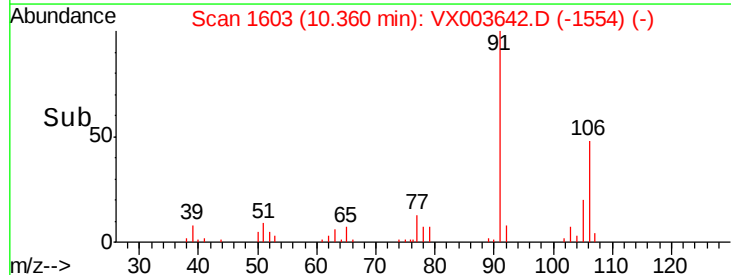
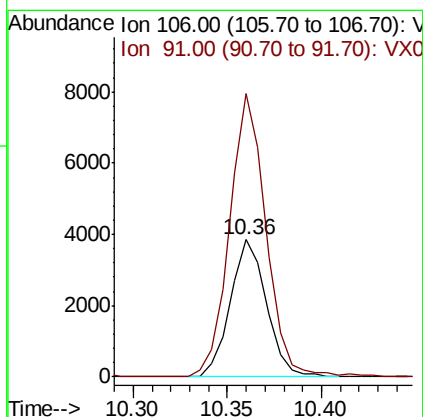
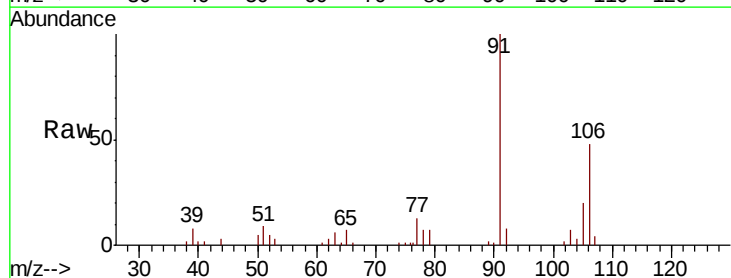
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

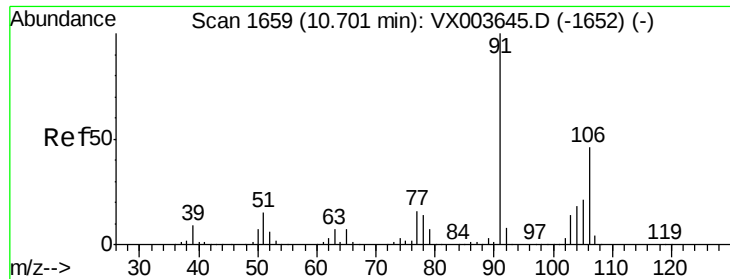
Tgt Ion: 91 Resp: 6983
Ion Ratio Lower Upper
91 100
106 26.8 25.0 37.6



#68
m/p-Xylenes
Concen: 1.872 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion: 106 Resp: 5118
Ion Ratio Lower Upper
106 100
91 208.8 162.2 243.2

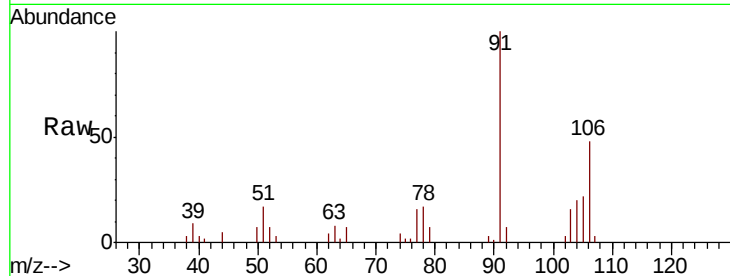




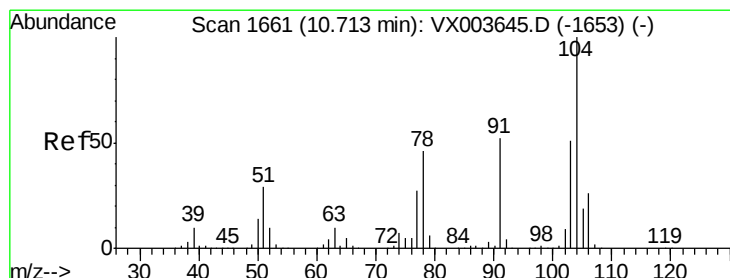
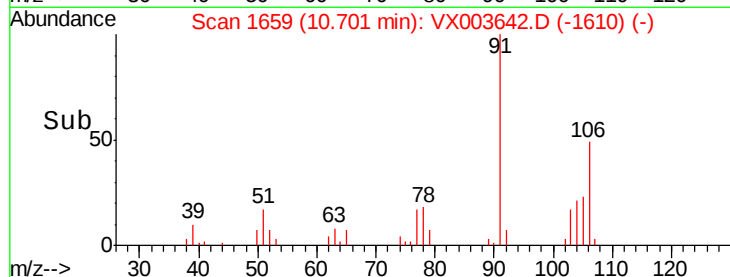
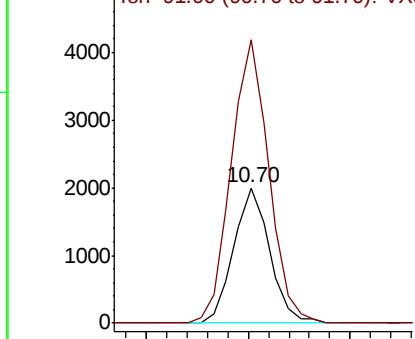
#69
o-Xylene
Concen: 0.931 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 2451
Ion Ratio Lower Upper
106 100
91 217.7 107.1 321.1

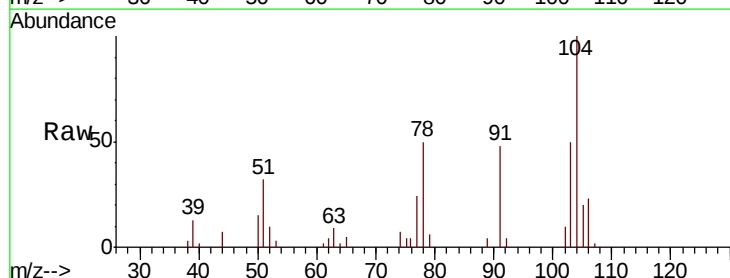


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

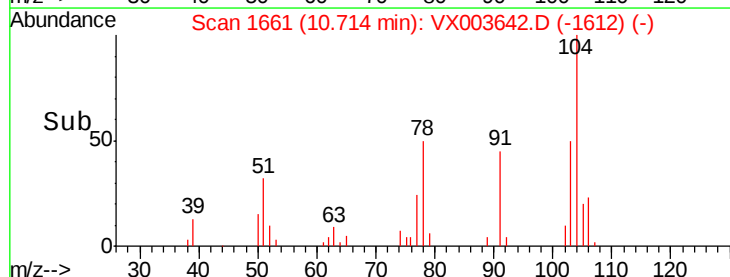
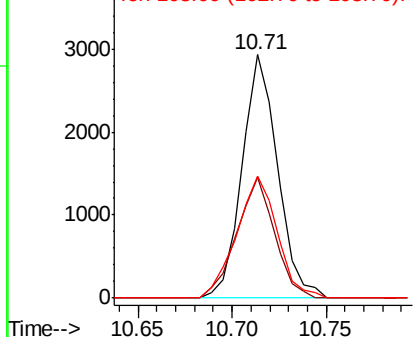


#70
Styrene
Concen: 0.867 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion:104 Resp: 3831
Ion Ratio Lower Upper
104 100
78 52.8 39.2 58.8
103 57.2 44.2 66.4



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

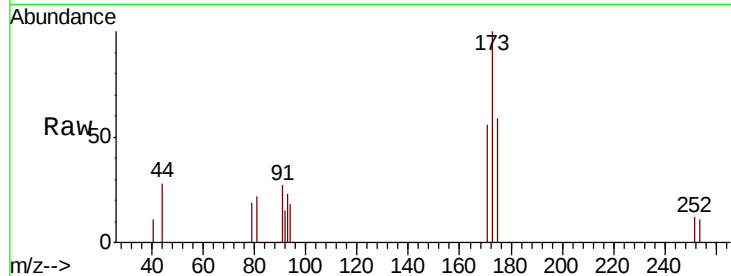




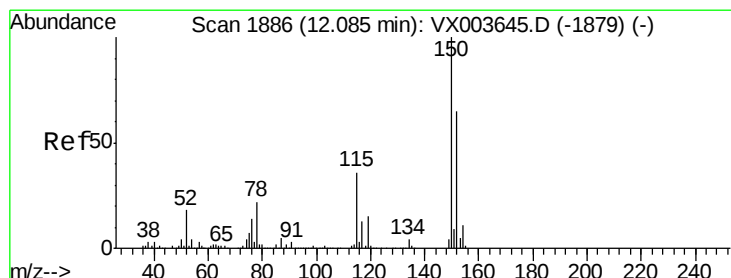
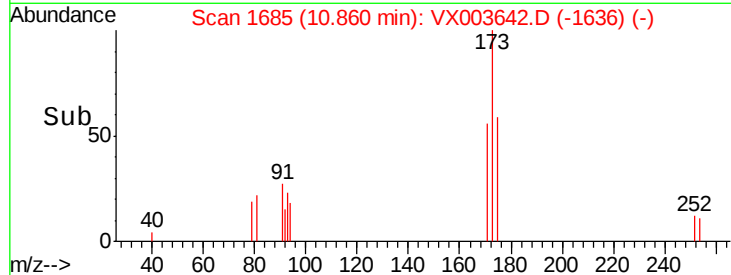
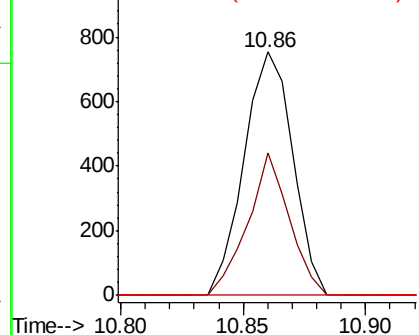
#71
Bromoform
Concen: 0.895 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 1047
Ion Ratio Lower Upper
173 100
175 50.0 24.1 72.2
254 0.0 0.0 0.0

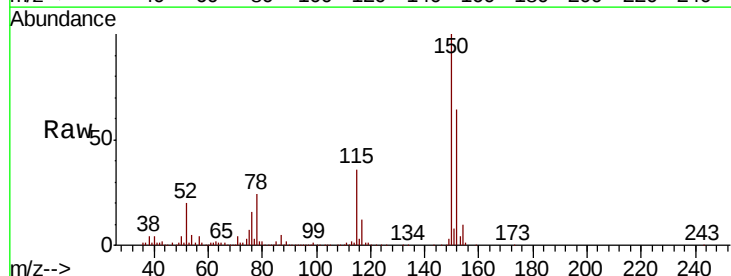


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

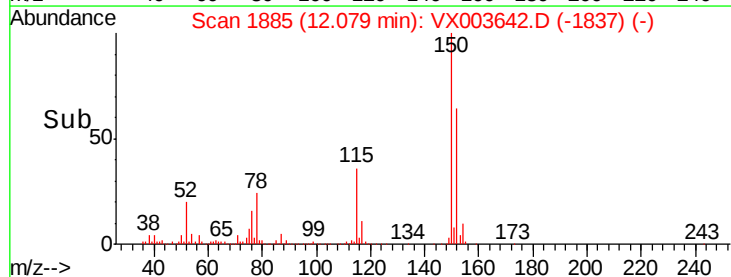
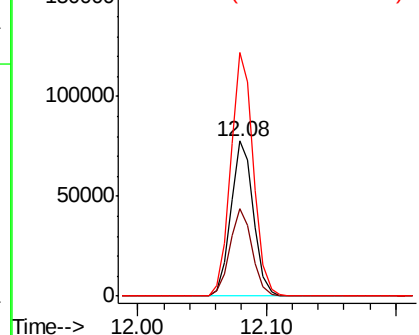


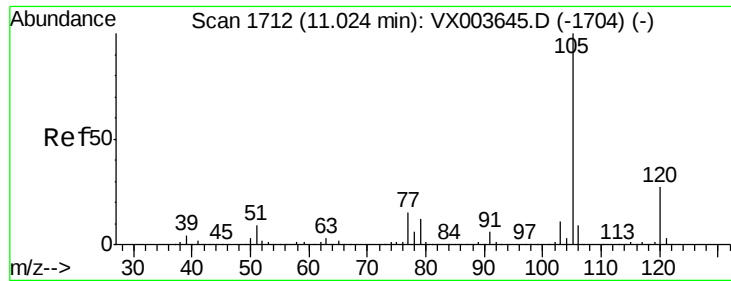
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion:152 Resp: 95628
Ion Ratio Lower Upper
152 100
115 56.2 40.0 119.9
150 157.6 0.0 348.4



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





#73

Isopropylbenzene

Concen: 0.969 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

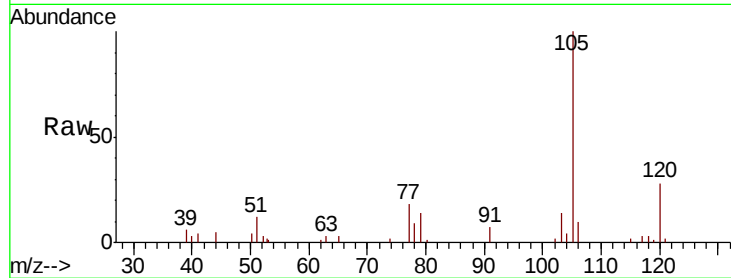
VSTDIC001

Tgt Ion: 105 Resp: 6332

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

5000

4000

3000

2000

1000

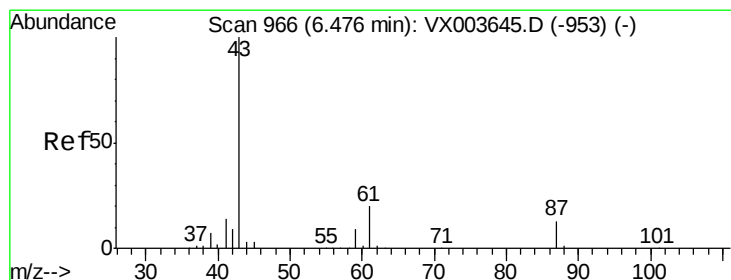
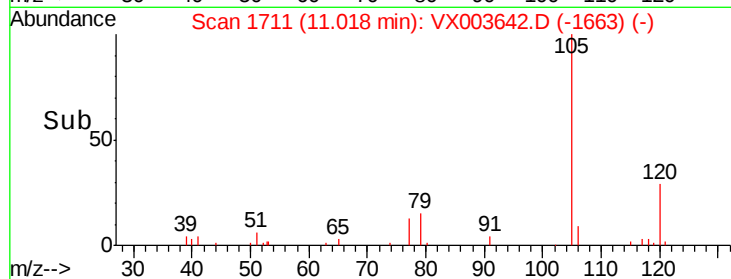
0

Time-->

10.95

11.00

11.05



#74

N-ethyl acetate

Concen: 1.093 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Tgt Ion: 43 Resp: 3723

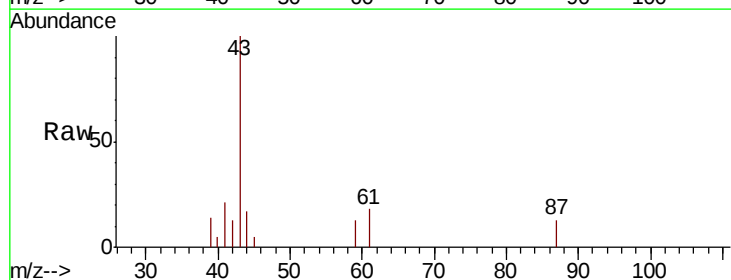
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.0 15.9 23.9



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

2000

1500

1000

500

0

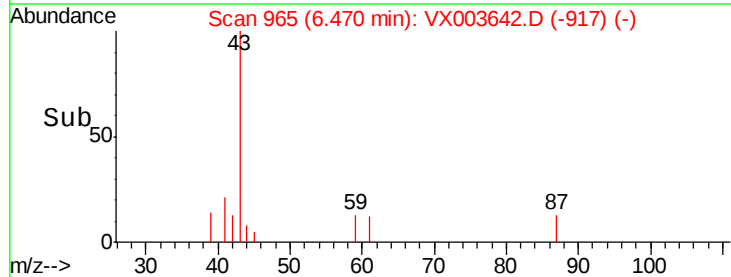
Time-->

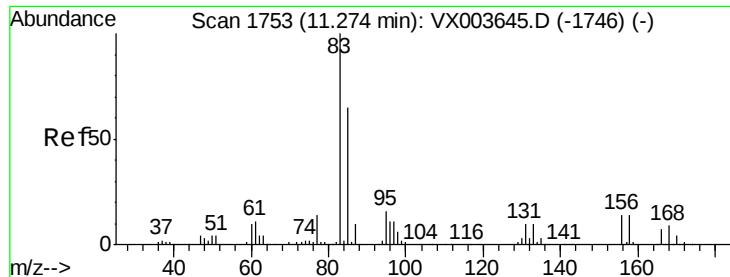
6.40

6.45

6.50

6.55





#75

1,1,2,2-Tetrachloroethane

Concen: 1.090 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

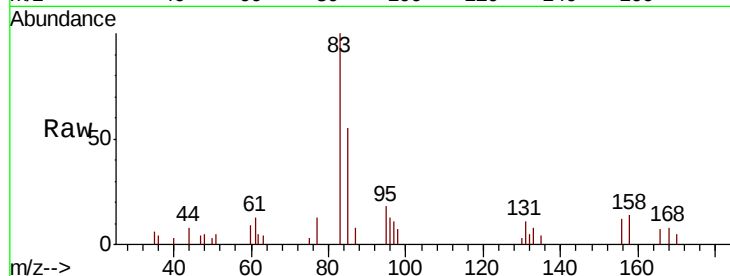
Tgt Ion: 83 Resp: 2630

Ion Ratio Lower Upper

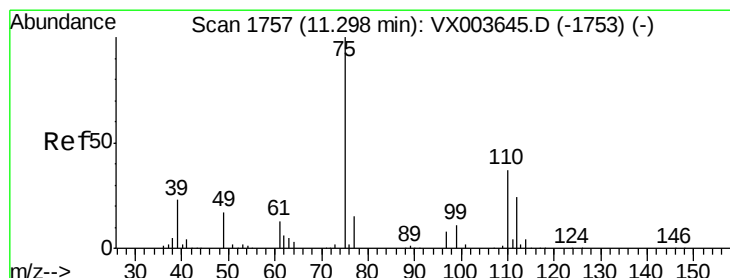
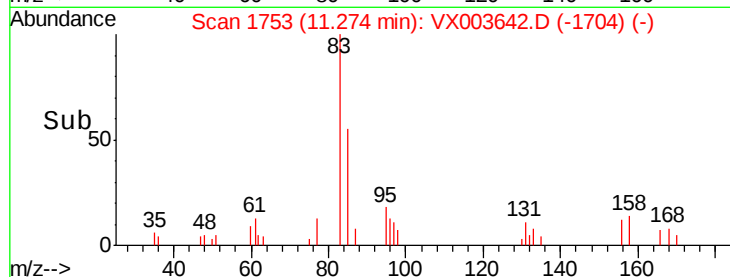
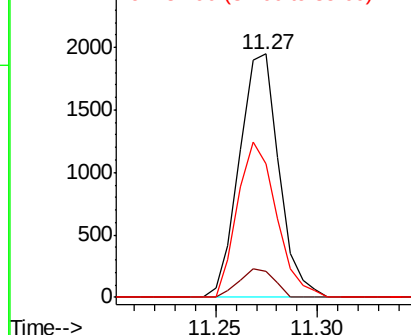
83 100

131 10.5 5.1 15.4

85 62.7 31.9 95.9



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: 1.328 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003642.D

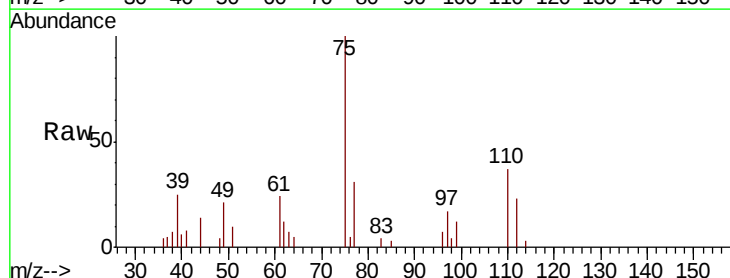
Acq: 24 Jul 2018 16:15

Tgt Ion: 75 Resp: 2664

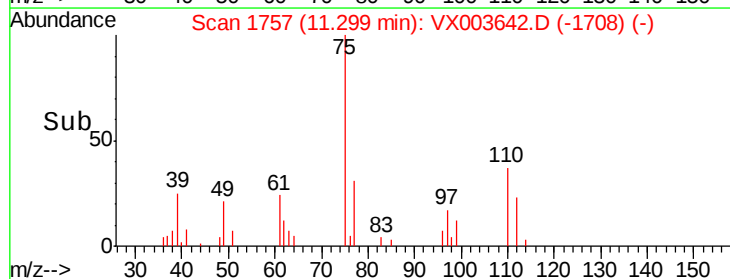
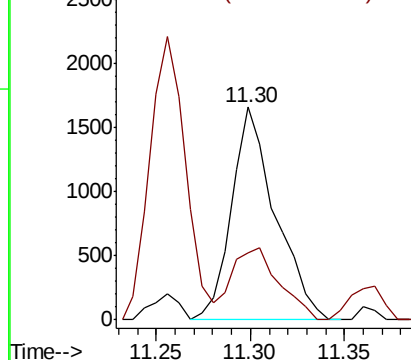
Ion Ratio Lower Upper

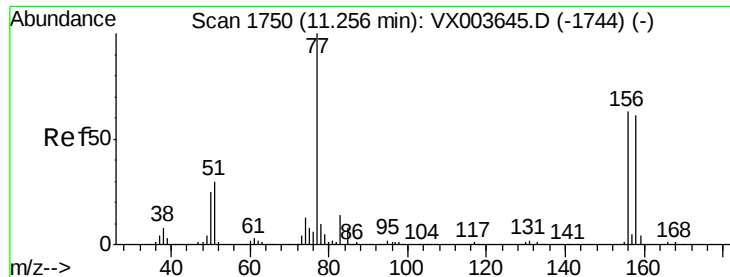
75 100

77 36.5 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.076 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

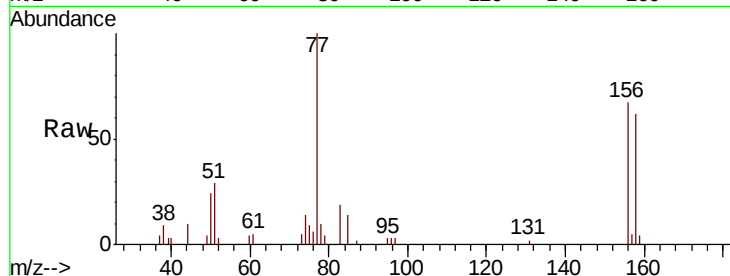
Tgt Ion:156 Resp: 1910

Ion Ratio Lower Upper

156 100

77 153.1 74.9 224.6

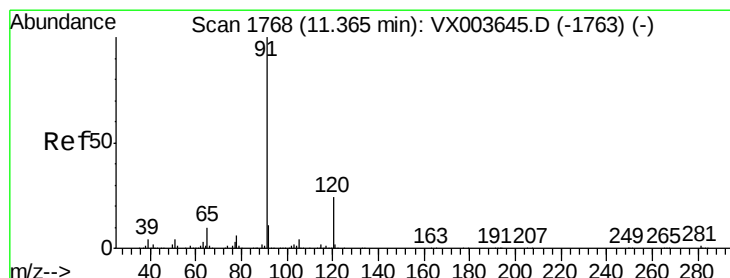
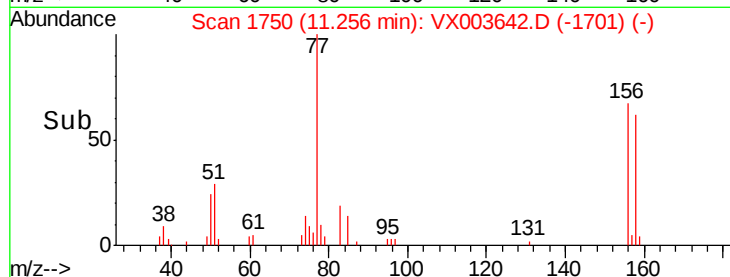
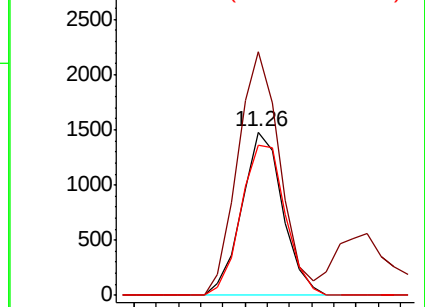
158 99.2 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.954 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003642.D

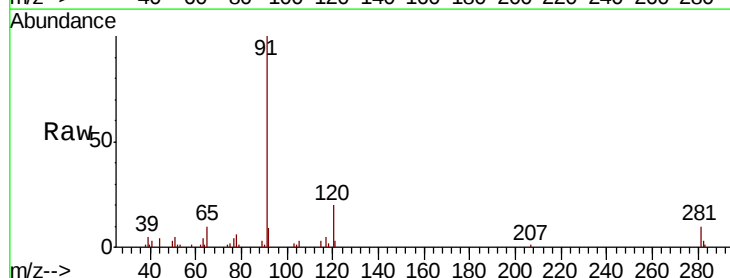
Acq: 24 Jul 2018 16:15

Tgt Ion: 91 Resp: 7195

Ion Ratio Lower Upper

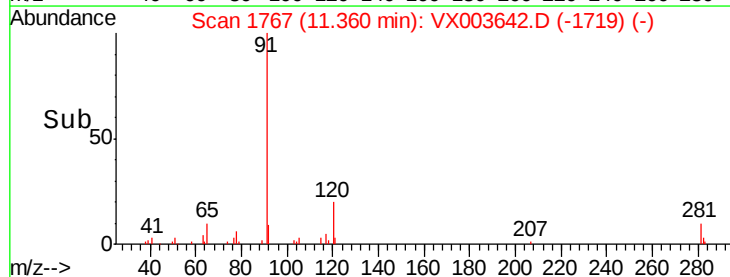
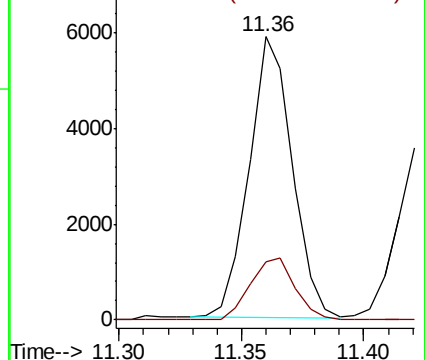
91 100

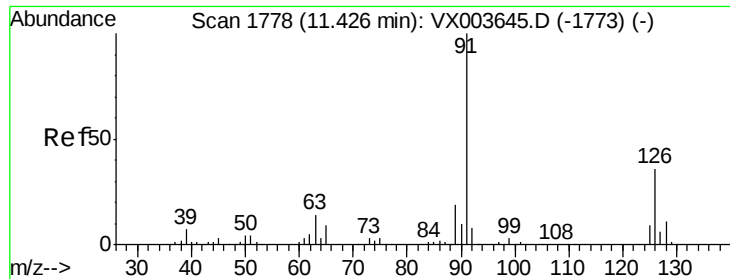
120 22.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

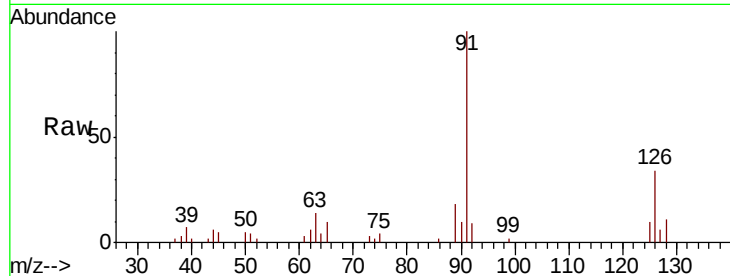




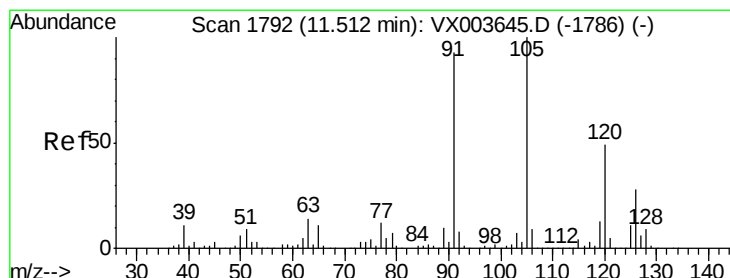
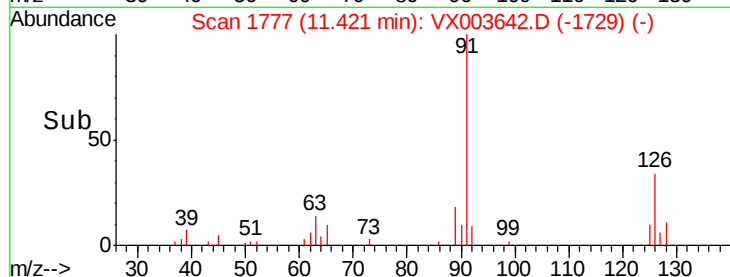
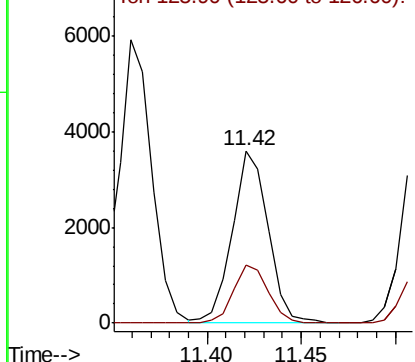
#79
 2-Chlorotoluene
 Concen: 1.035 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 91 Resp: 4746
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.3 52.0

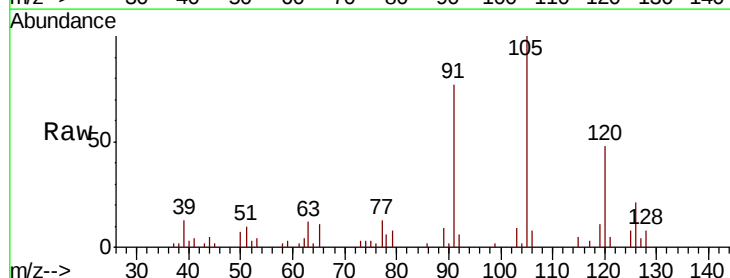


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

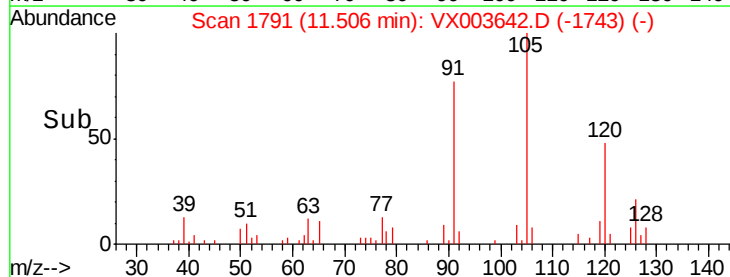
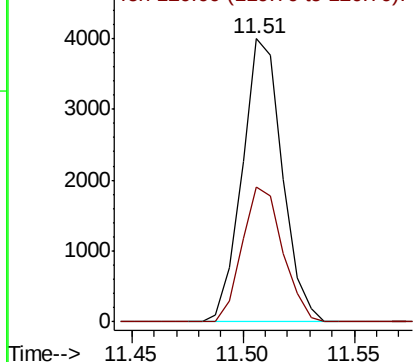


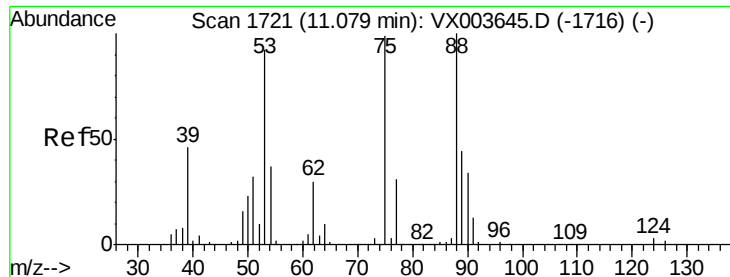
#80
 1,3,5-Trimethylbenzene
 Concen: 0.909 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 105 Resp: 5024
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 0.826 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

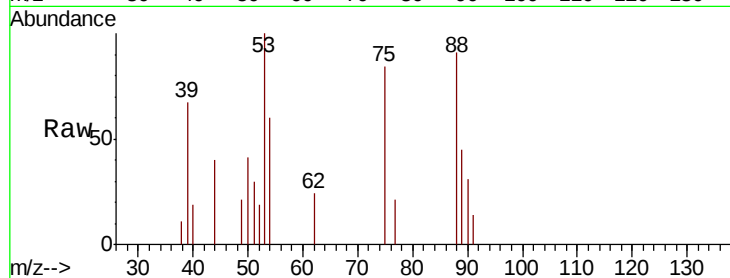
Tgt Ion: 75 Resp: 535

Ion Ratio Lower Upper

75 100

53 117.6 77.8 116.8#

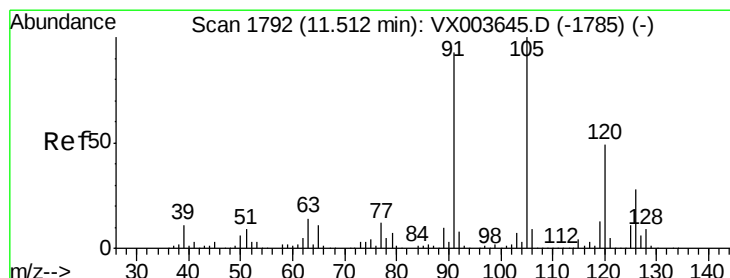
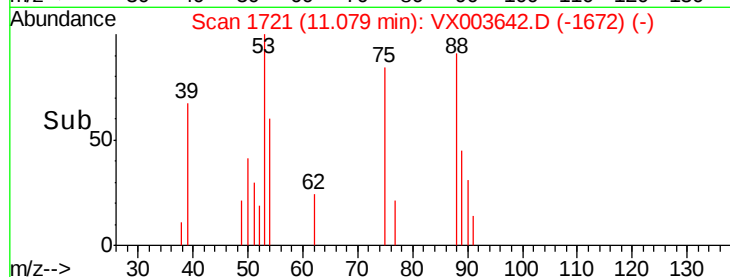
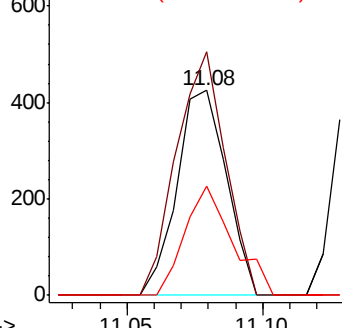
89 51.4 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.005 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003642.D

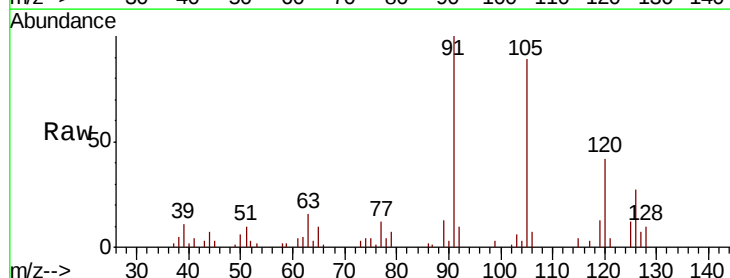
Acq: 24 Jul 2018 16:15

Tgt Ion: 91 Resp: 5429

Ion Ratio Lower Upper

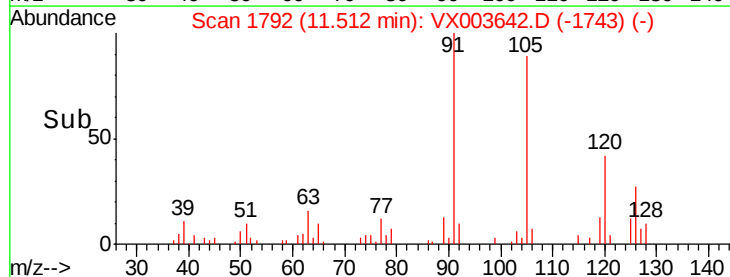
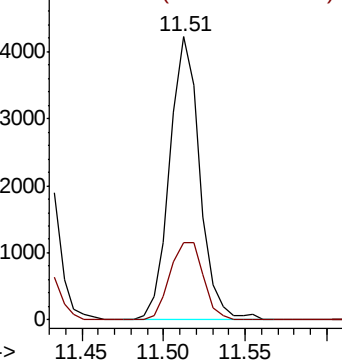
91 100

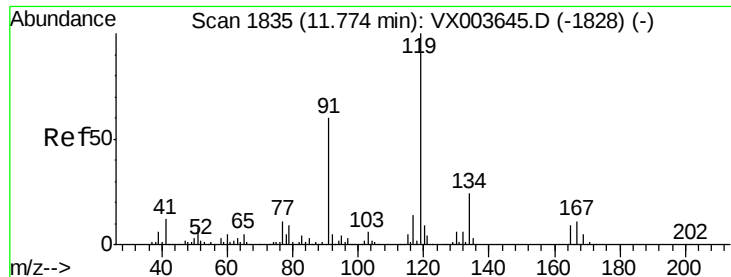
126 30.2 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

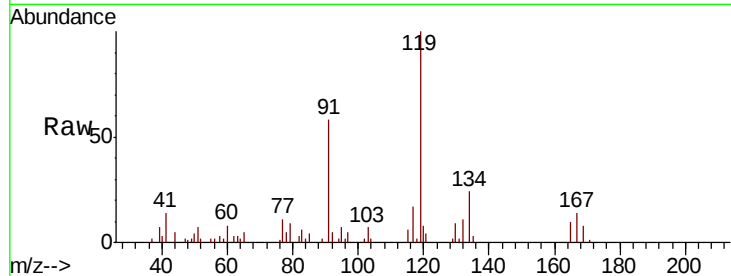




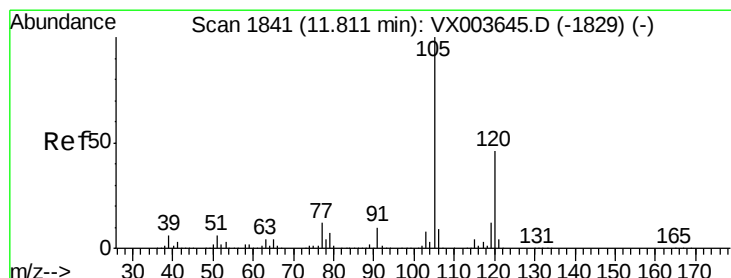
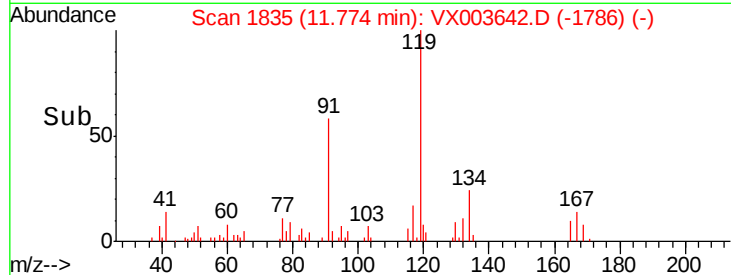
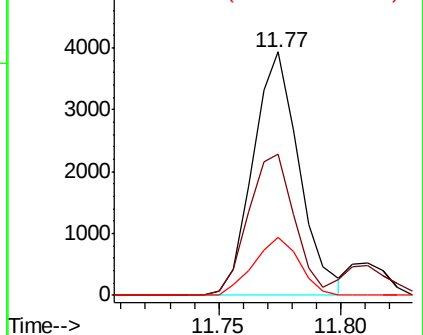
#83
 tert-Butylbenzene
 Concen: 0.951 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 5144
 Ion Ratio Lower Upper
 119 100
 91 58.1 28.4 85.2
 134 23.4 11.6 34.8

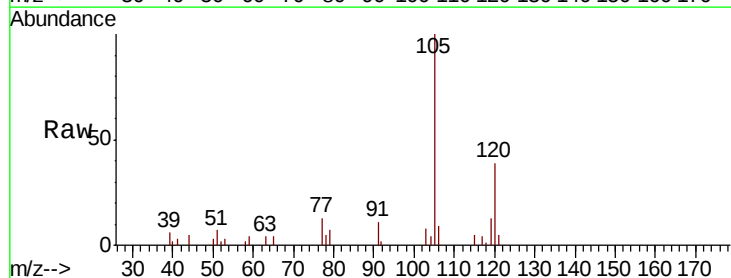


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

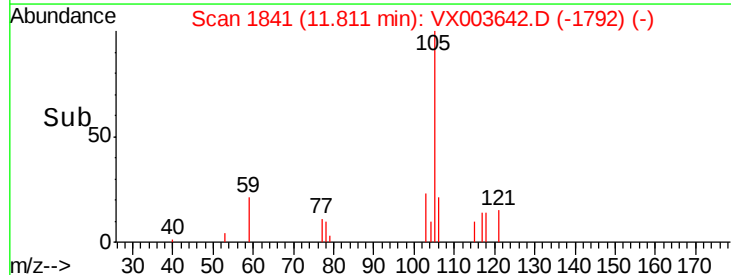
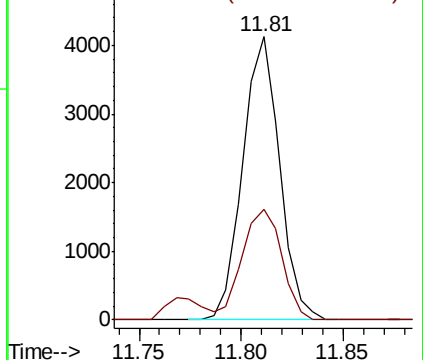


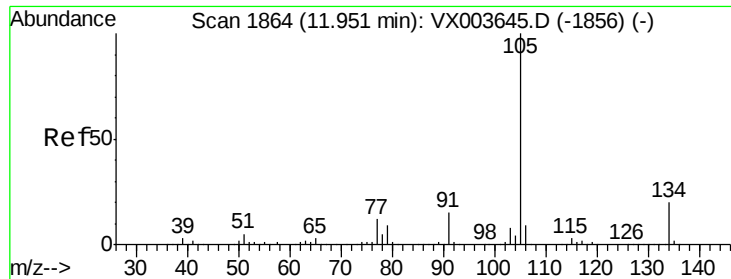
#84
 1,2,4-Trimethylbenzene
 Concen: 0.910 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion:105 Resp: 5172
 Ion Ratio Lower Upper
 105 100
 120 42.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

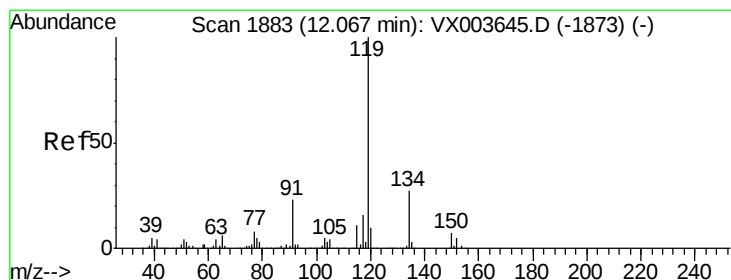
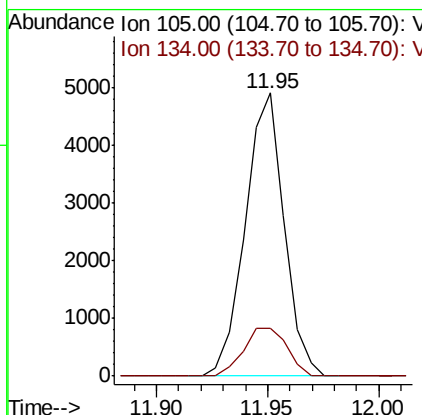
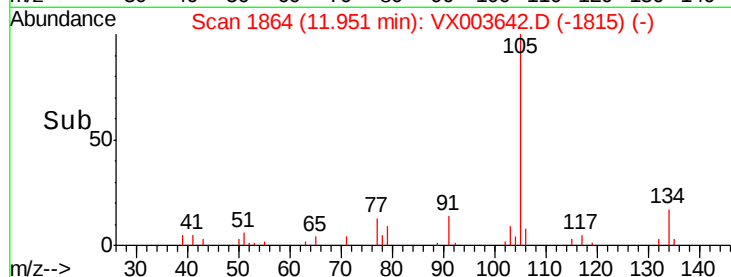
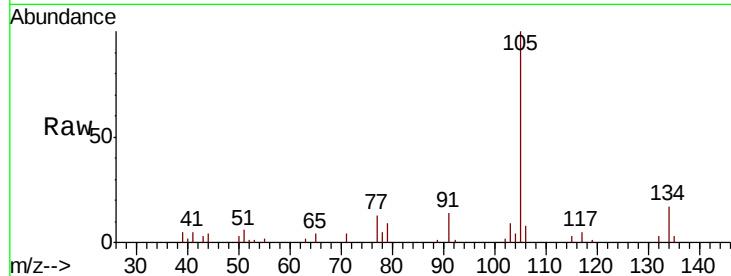




#85
 sec-Butylbenzene
 Concen: 0.925 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

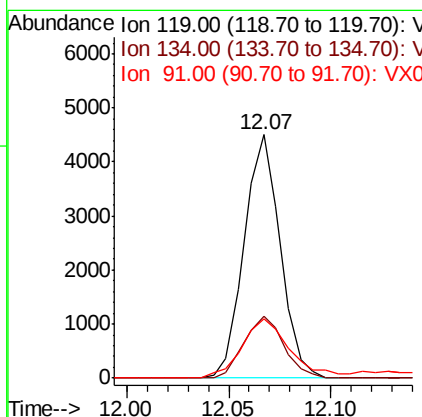
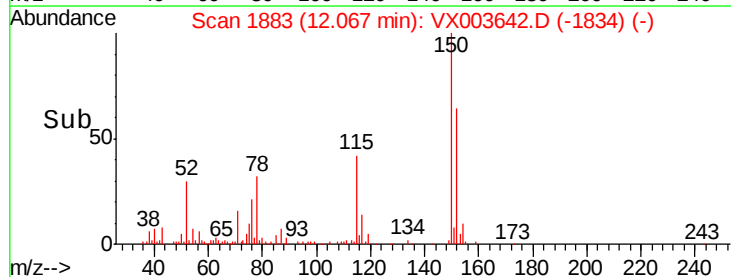
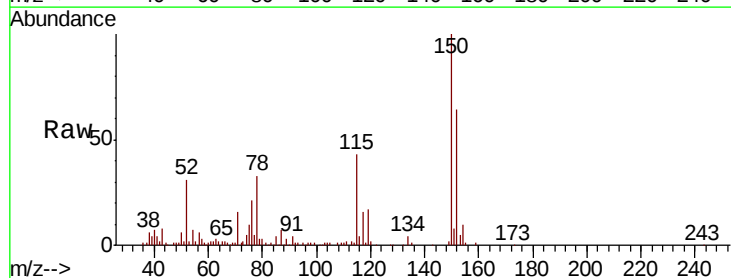
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

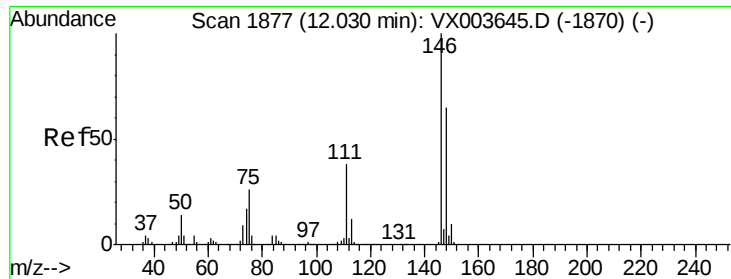
Tgt Ion:105 Resp: 5971
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.954 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion:119 Resp: 5527
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.3 39.9
 91 32.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 1.053 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

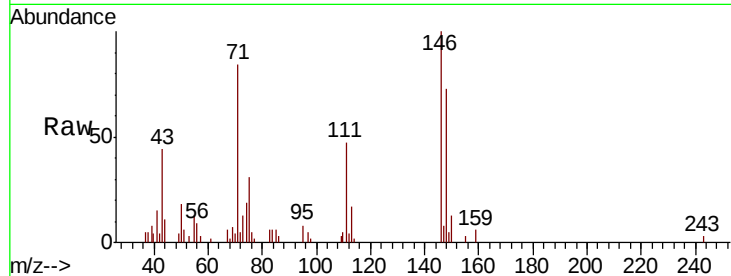
Tgt Ion:146 Resp: 3479

Ion Ratio Lower Upper

146 100

111 56.5 19.4 58.2

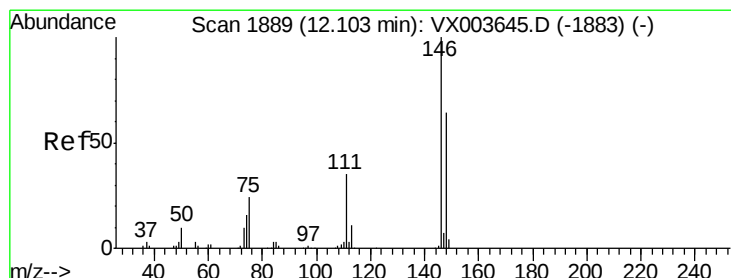
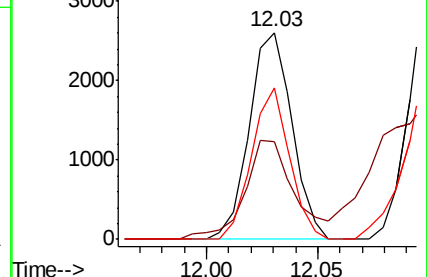
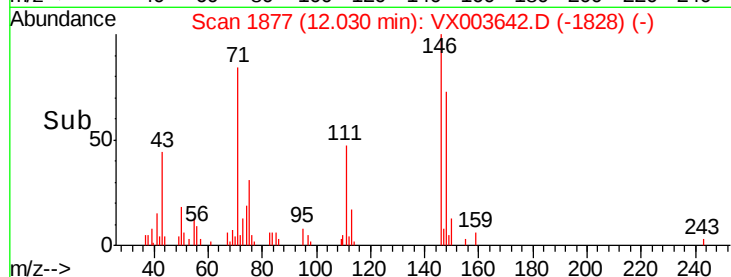
148 65.5 32.4 97.0



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



#88

1,4-Dichlorobenzene

Concen: 1.124 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

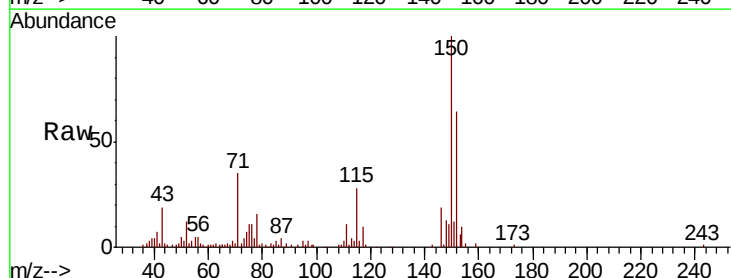
Tgt Ion:146 Resp: 3861

Ion Ratio Lower Upper

146 100

111 87.5 18.6 55.6#

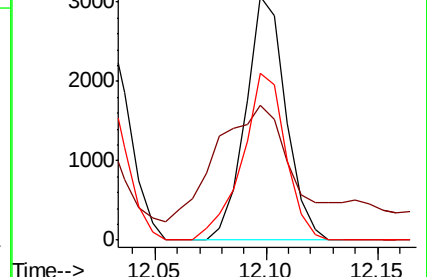
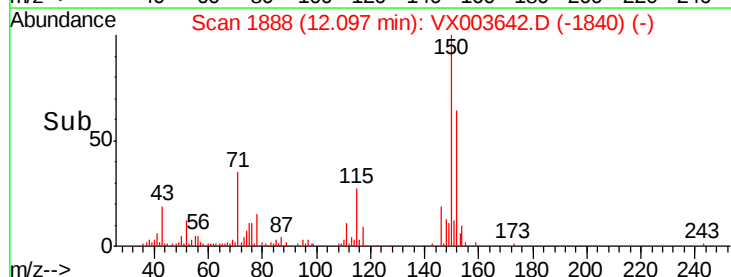
148 74.1 32.0 96.2

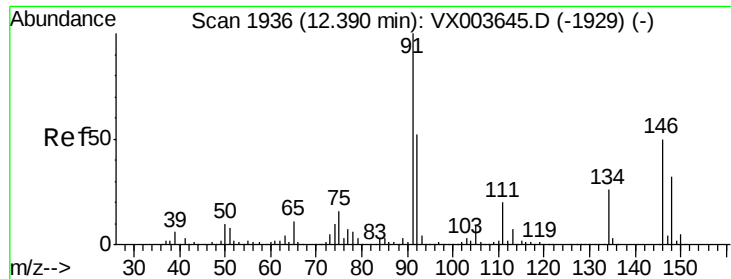


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.003 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003642.D

Acq: 24 Jul 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

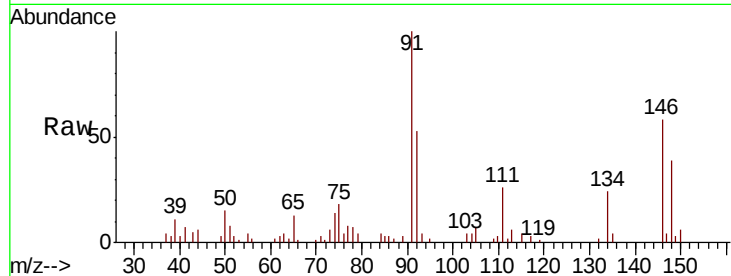
Tgt Ion: 91 Resp: 5240

Ion Ratio Lower Upper

91 100

92 51.8 26.3 78.9

134 23.9 13.3 39.8

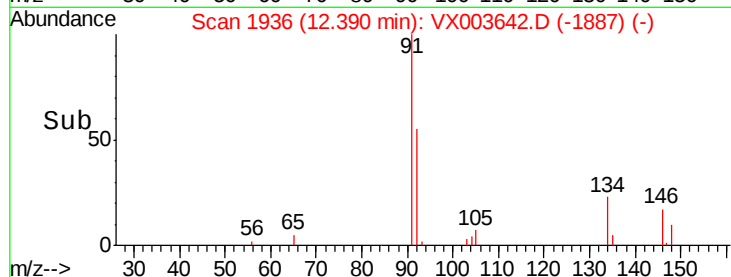


Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003645.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003645.D (-1929) (-)

Time-->

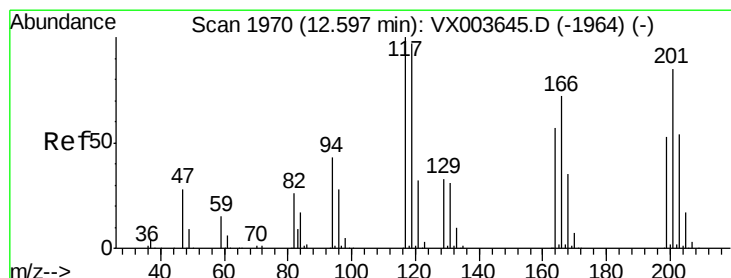


Abundance Ion 91.00 (90.70 to 91.70): VX003642.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX003642.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX003642.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 1.032 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003642.D

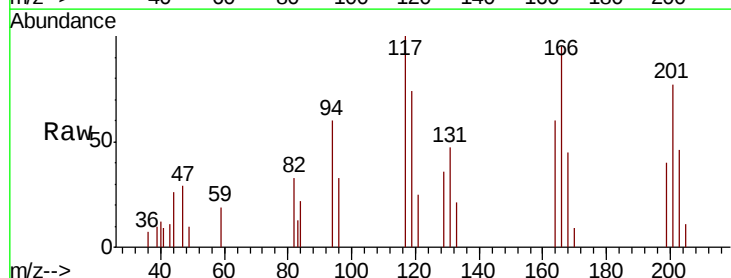
Acq: 24 Jul 2018 16:15

Tgt Ion: 117 Resp: 906

Ion Ratio Lower Upper

117 100

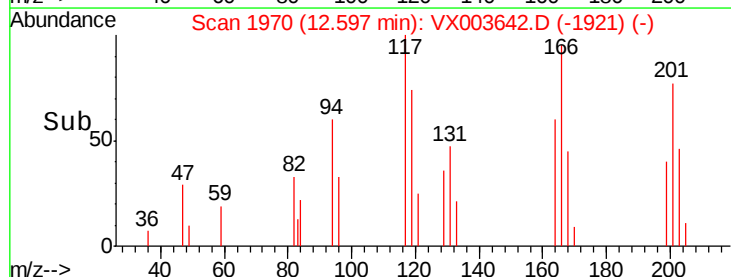
201 82.1 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): VX003645.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003645.D (-1964) (-)

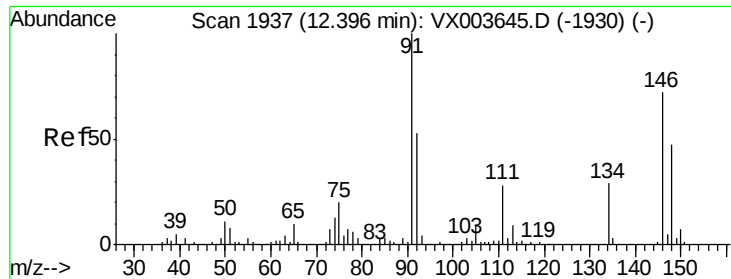
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX003642.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX003642.D (-1921) (-)

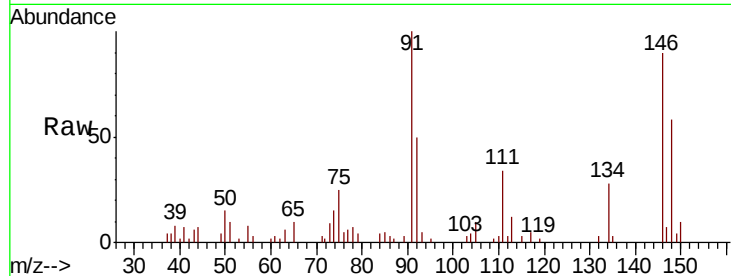
Time-->



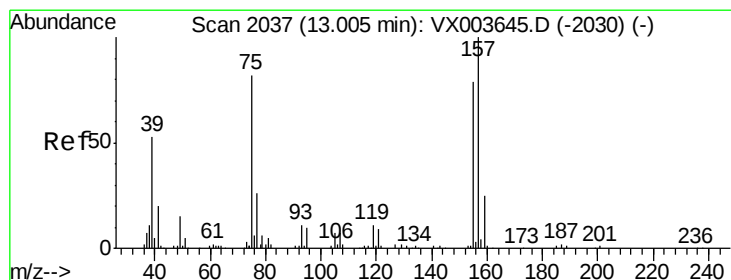
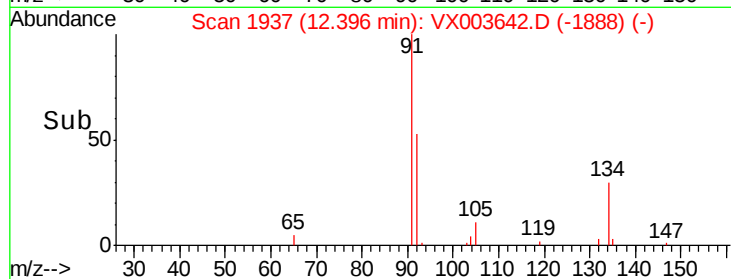
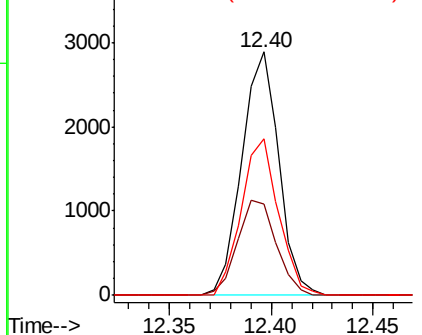
#91
 1,2-Dichlorobenzene
 Concen: 1.077 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 146 Resp: 3638
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.8 59.4
 148 64.8 32.2 96.6

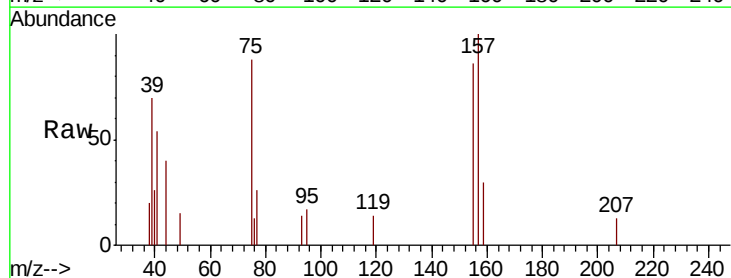


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

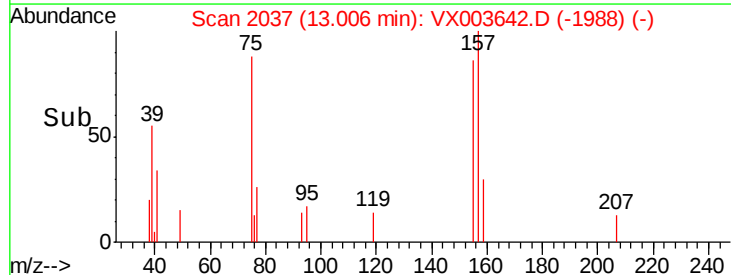
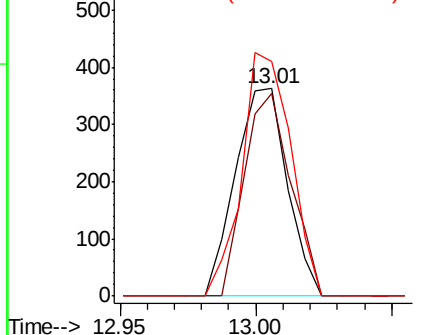


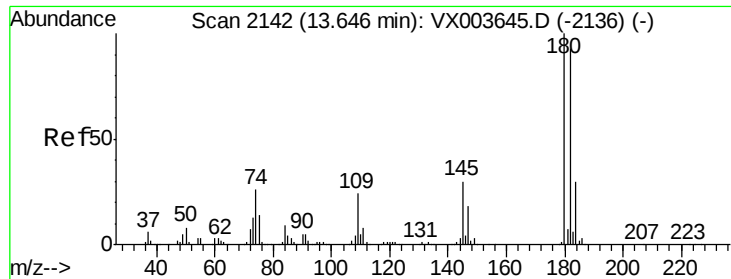
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.956 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion: 75 Resp: 480
 Ion Ratio Lower Upper
 75 100
 155 87.7 46.1 138.3
 157 110.4 59.7 179.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

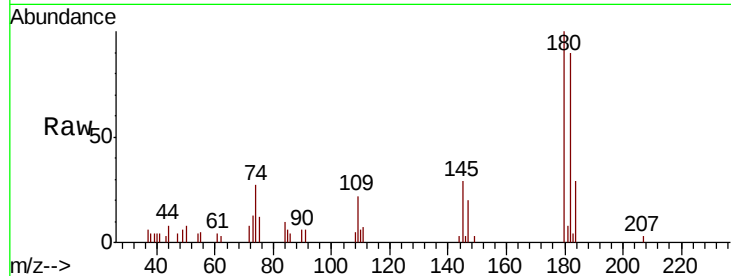




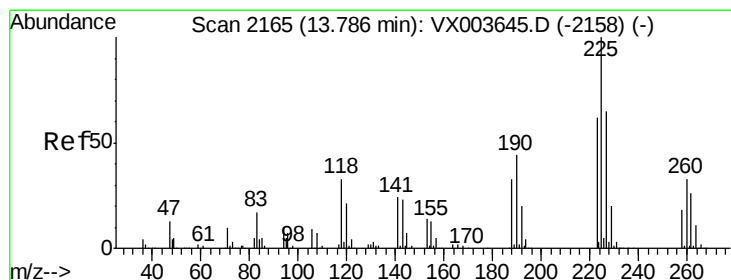
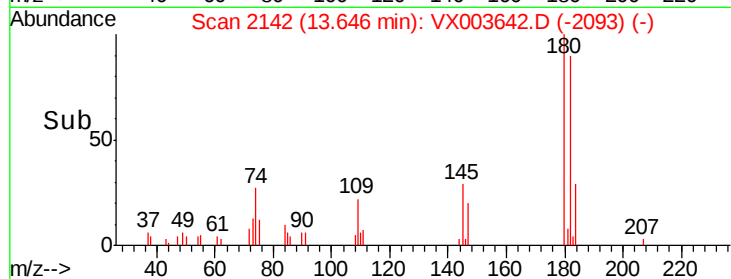
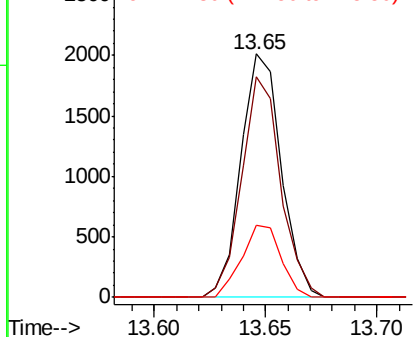
#93
 1,2,4-Trichlorobenzene
 Concen: 1.055 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 2543
 Ion Ratio Lower Upper
 180 100
 182 88.1 47.9 143.8
 145 29.0 14.4 43.2

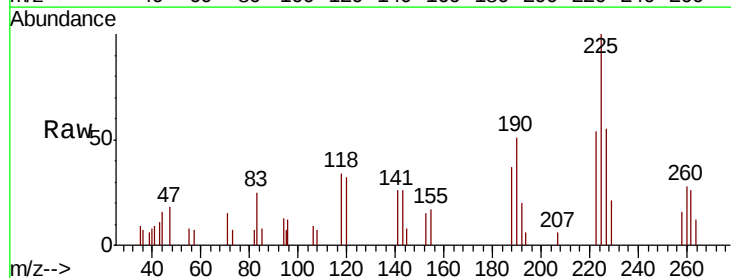


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

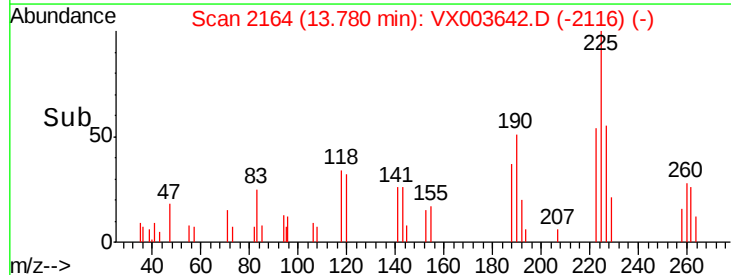
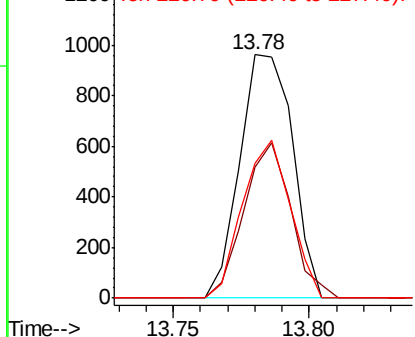


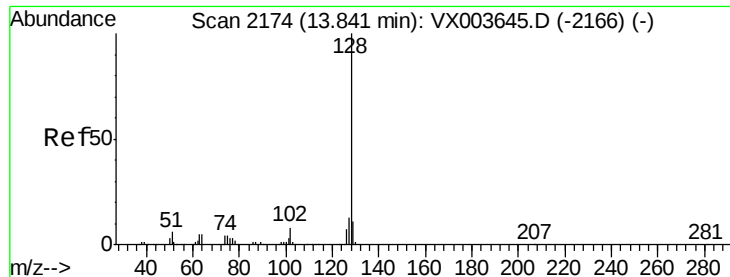
#94
 Hexachlorobutadiene
 Concen: 1.162 ug/l
 RT: 13.78 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: VX003642.D
 Acq: 24 Jul 2018 16:15

Tgt Ion:225 Resp: 1295
 Ion Ratio Lower Upper
 225 100
 223 57.1 30.9 92.5
 227 58.7 31.9 95.7



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

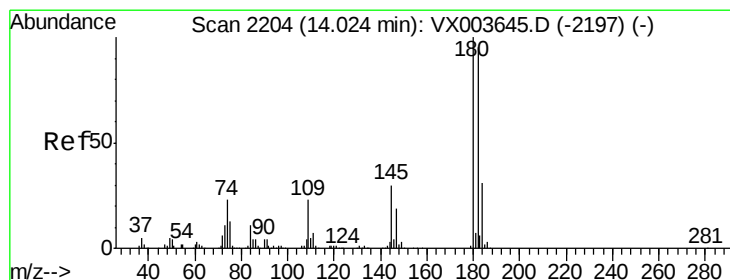
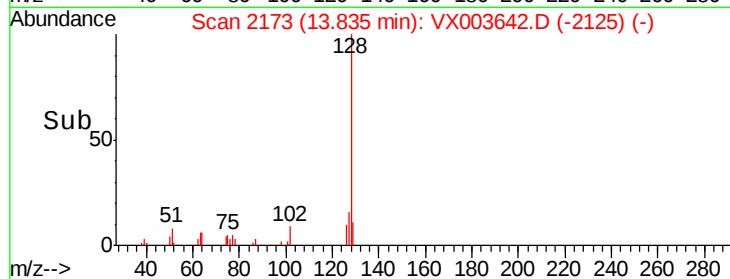
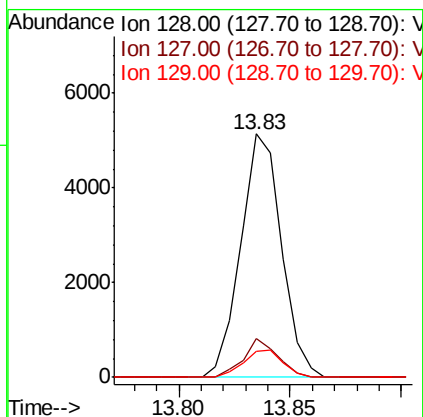
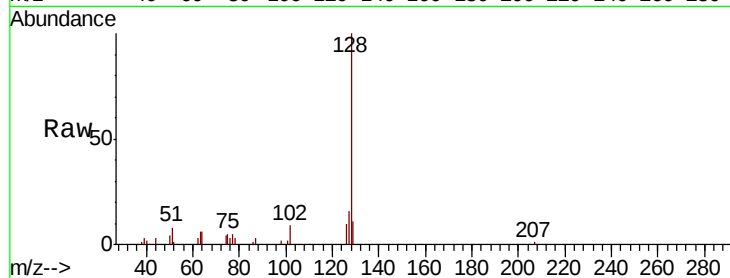




#95
Naphthalene
Concen: 0.900 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 6559
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.005 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003642.D
Acq: 24 Jul 2018 16:15

Tgt Ion:180 Resp: 2459
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.8
145 30.1 15.0 45.1

