

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
 Data File : VX003832.D
 Acq On : 02 Aug 2018 19:22
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 03 01:39:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	103180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	148020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	142071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	7207	4.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.40%	
35) Dibromofluoromethane	5.50	113	6092	5.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.08%	
50) Toluene-d8	8.72	98	22838	4.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.94%	
62) 4-Bromofluorobenzene	11.14	95	7693	4.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	4247	3.727	ug/l	98
3) Chloromethane	1.32	50	8212	5.231	ug/l	97
4) Vinyl Chloride	1.40	62	6441	4.178	ug/l	97
5) Bromomethane	1.64	94	3851	5.213	ug/l	97
6) Chloroethane	1.71	64	4245	4.620	ug/l	92
7) Trichlorofluoromethane	1.92	101	8924	4.538	ug/l	97
8) Diethyl Ether	2.19	74	3791	4.275	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	5482	4.577	ug/l	96
10) Methyl Iodide	2.51	142	6505	4.174	ug/l	99
11) Tert butyl alcohol	3.09	59	7778	21.640	ug/l	100
12) 1,1-Dichloroethene	2.37	96	5396	4.625	ug/l	96
13) Acrolein	2.29	56	6462	34.360	ug/l	96
14) Allyl chloride	2.72	41	9654	3.997	ug/l	97
15) Acrylonitrile	3.15	53	17898	20.557	ug/l	99
16) Acetone	2.45	43	18349	25.040	ug/l	98
17) Carbon Disulfide	2.56	76	14160	4.220	ug/l	99
18) Methyl Acetate	2.78	43	8841	4.172	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	18033	4.298	ug/l	97
20) Methylene Chloride	2.86	84	6646	4.702	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	5901	4.651	ug/l	94
22) Diisopropyl ether	3.88	45	18682	4.196	ug/l	93
23) Vinyl Acetate	3.82	43	76144	19.934	ug/l	99
24) 1,1-Dichloroethane	3.69	63	10605	4.207	ug/l	99
25) 2-Butanone	4.71	43	30503	26.373	ug/l	97
26) 2,2-Dichloropropane	4.59	77	7381	4.661	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	6485	4.629	ug/l	65
28) Bromochloromethane	5.01	49	5010	4.754	ug/l	97
29) Tetrahydrofuran	5.17	42	15249	21.243	ug/l	97
30) Chloroform	5.21	83	10911	4.679	ug/l	99
31) Cyclohexane	5.57	56	8587	4.364	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	8996	4.713	ug/l	98
36) 1,1-Dichloropropene	5.79	75	7947	4.697	ug/l	99
37) Ethyl Acetate	4.87	43	9318	4.509	ug/l	99
38) Carbon Tetrachloride	5.79	117	7989	4.898	ug/l	98

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 03 01:39:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	8331	4.624	ug/l	99
40) Benzene	6.15	78	25024	4.911	ug/l	98
41) Methacrylonitrile	5.07	41	4938	4.317	ug/l	96
42) 1,2-Dichloroethane	6.20	62	8588	4.795	ug/l	100
43) Isopropyl Acetate	6.47	43	13434	4.461	ug/l	99
44) Trichloroethene	7.21	130	6890	5.058	ug/l	91
45) 1,2-Dichloropropane	7.52	63	6642	5.028	ug/l	100
46) Dibromomethane	7.67	93	4169	4.879	ug/l	99
47) Bromodichloromethane	7.90	83	7474	4.684	ug/l	99
48) Methyl methacrylate	7.78	41	6568	4.297	ug/l	97
49) 1,4-Dioxane	7.76	88	3226	93.960	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	56527	26.648	ug/l	98
52) Toluene	8.79	92	15476	4.886	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	7786	4.406	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	8840	4.558	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	6518	4.990	ug/l	97
56) Ethyl methacrylate	9.18	69	8060	4.168	ug/l	95
57) 1,3-Dichloropropane	9.37	76	10622	4.851	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	20755	21.247	ug/l	99
59) 2-Hexanone	9.50	43	42782	26.322	ug/l	96
60) Dibromochloromethane	9.59	129	5959	4.786	ug/l	97
61) 1,2-Dibromoethane	9.68	107	6617	4.853	ug/l	98
64) Tetrachloroethene	9.34	164	6751	5.278	ug/l	94
65) Chlorobenzene	10.14	112	17859	5.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	6107	4.903	ug/l	99
67) Ethyl Benzene	10.26	91	27429	4.650	ug/l	100
68) m/p-Xylenes	10.36	106	21154	9.328	ug/l	99
69) o-Xylene	10.70	106	10012	4.563	ug/l	97
70) Styrene	10.71	104	16346	4.431	ug/l	98
71) Bromoform	10.86	173	4640	4.675	ug/l #	98
73) Isopropylbenzene	11.02	105	27086	4.836	ug/l	100
74) N-amyl acetate	6.47	43	13434	4.575	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	10157	4.842	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	11162	6.377	ug/l	84
77) Bromobenzene	11.26	156	7906	5.080	ug/l	96
78) n-propylbenzene	11.36	91	30059	4.665	ug/l	100
79) 2-Chlorotoluene	11.42	91	19576	4.942	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	22285	4.683	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	2342	4.168	ug/l #	86
82) 4-Chlorotoluene	11.51	91	21759	4.666	ug/l	99
83) tert-Butylbenzene	11.77	119	22592	4.853	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	22962	4.680	ug/l	99
85) sec-Butylbenzene	11.95	105	26530	4.834	ug/l	99
86) p-Isopropyltoluene	12.07	119	23408	4.728	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	14546	5.047	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	15464	5.157	ug/l	97
89) n-Butylbenzene	12.39	91	19230	4.345	ug/l	98
90) Hexachloroethane	12.60	117	3659	4.802	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	14804	5.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	2116	4.819	ug/l	94

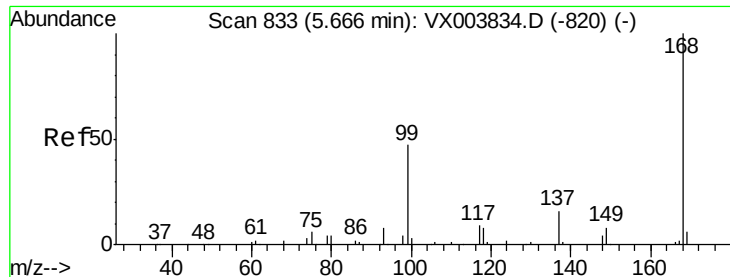
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
Data File : VX003832.D
Acq On : 02 Aug 2018 19:22
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 03 01:39:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:37:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	9748	4.628	ug/l	99
94) Hexachlorobutadiene	13.79	225	5026	5.288	ug/l	98
95) Naphthalene	13.83	128	26513	4.163	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	10482	4.891	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

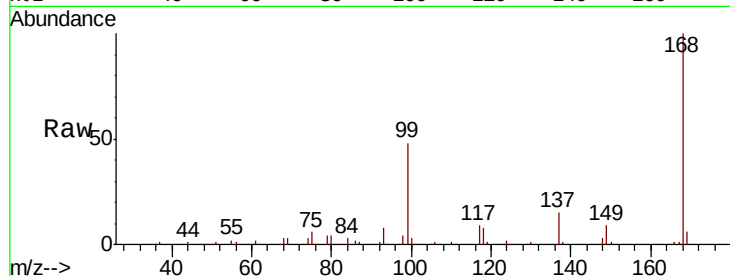
VSTDIC005

Tgt Ion:168 Resp: 103180

Ion Ratio Lower Upper

168 100

99 47.8 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

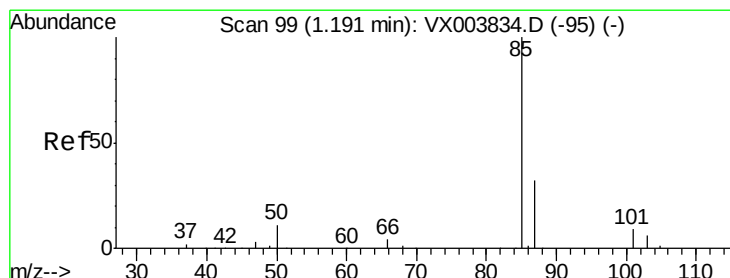
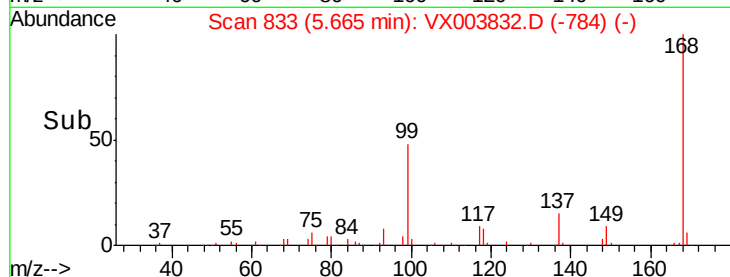
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 3.727 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.00 min

Lab File: VX003832.D

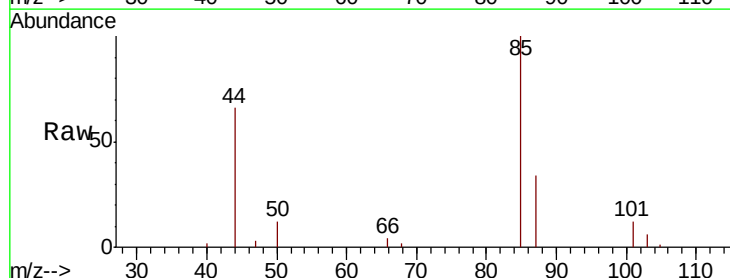
Acq: 02 Aug 2018 19:22

Tgt Ion: 85 Resp: 4247

Ion Ratio Lower Upper

85 100

87 33.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

4000

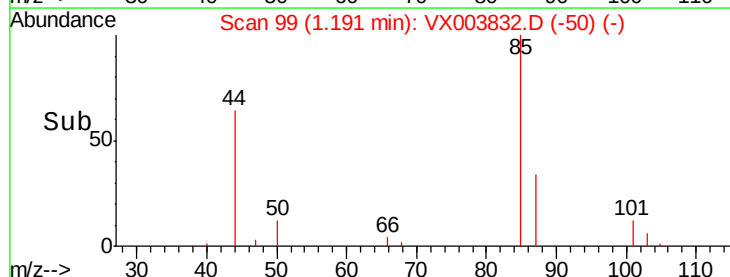
3000

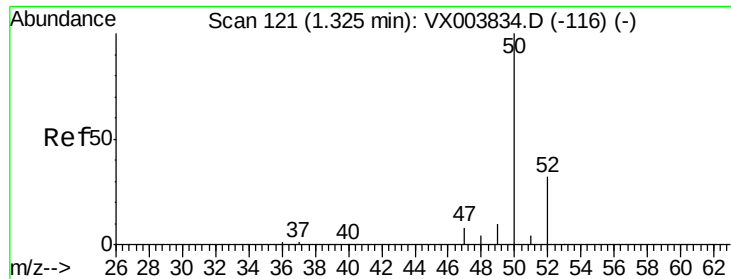
2000

1000

0

Time--> 1.15 1.20 1.25

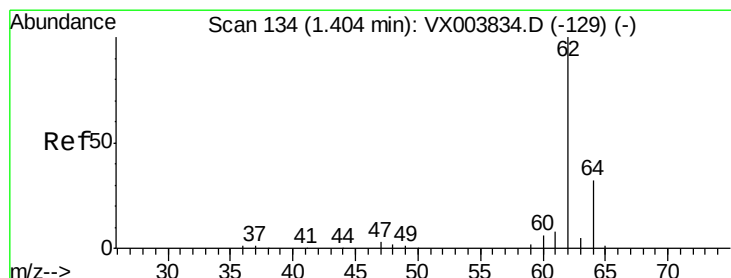
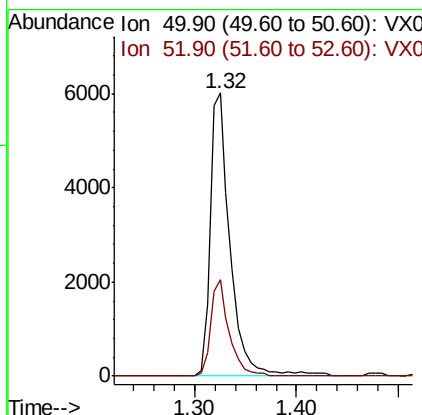
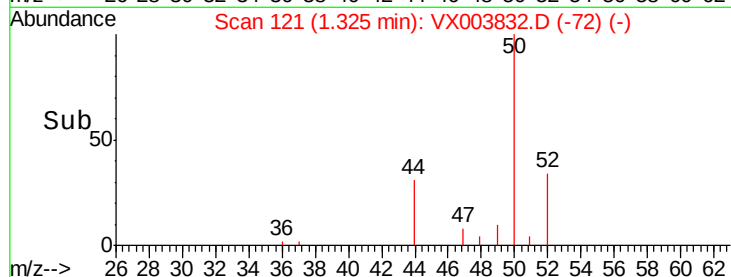
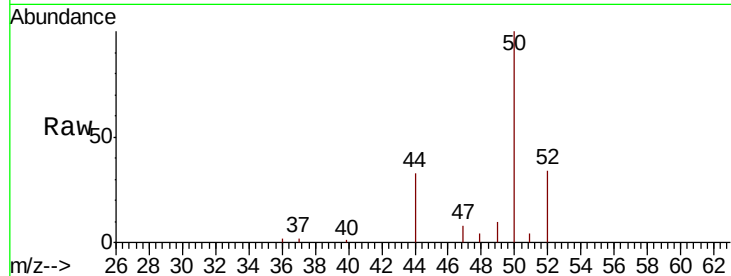




#3
 Chloromethane
 Concen: 5.231 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

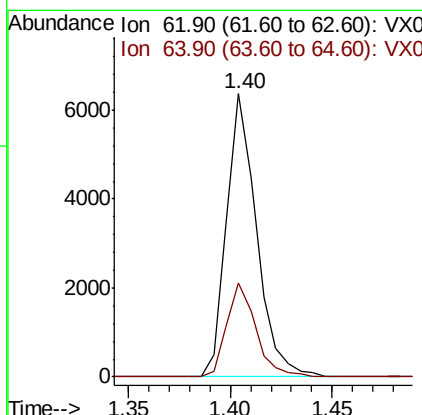
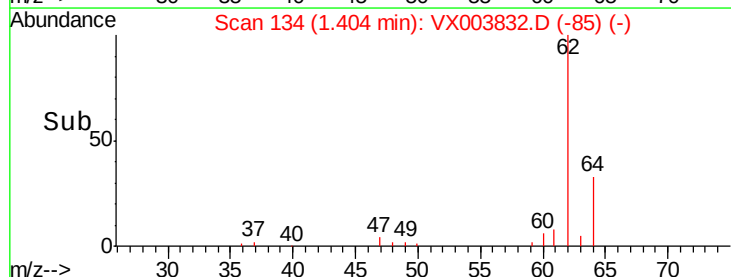
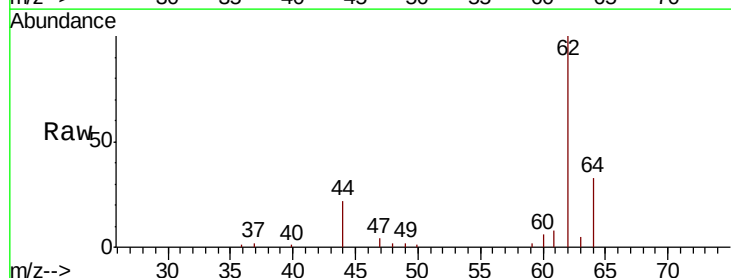
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

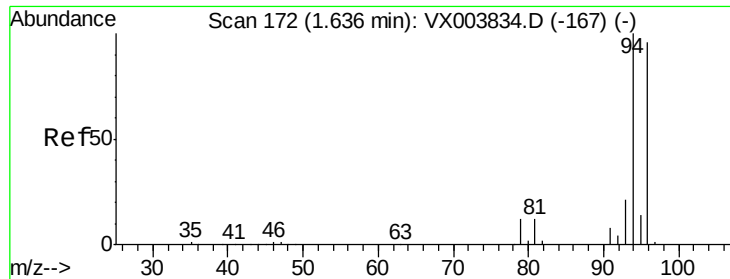
Tgt Ion: 50 Resp: 8212
 Ion Ratio Lower Upper
 50 100
 52 33.9 25.8 38.8



#4
 Vinyl Chloride
 Concen: 4.178 ug/l
 RT: 1.40 min Scan# 134
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion: 62 Resp: 6441
 Ion Ratio Lower Upper
 62 100
 64 33.1 25.3 37.9





#5

Bromomethane

Concen: 5.213 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

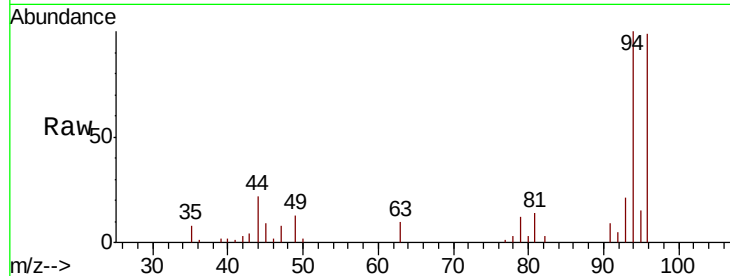
VSTDIC005

Tgt Ion: 94 Resp: 3851

Ion Ratio Lower Upper

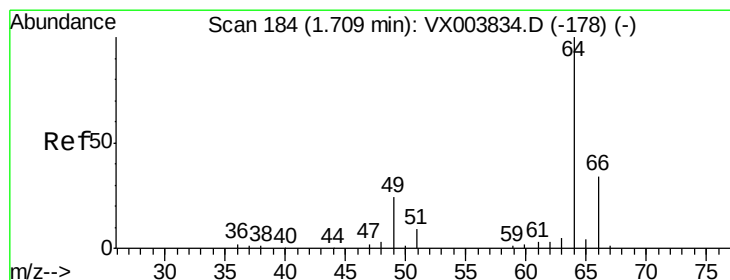
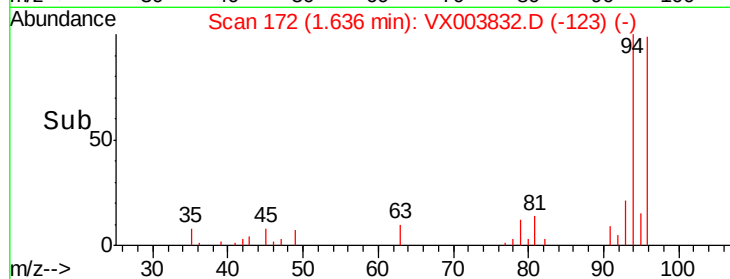
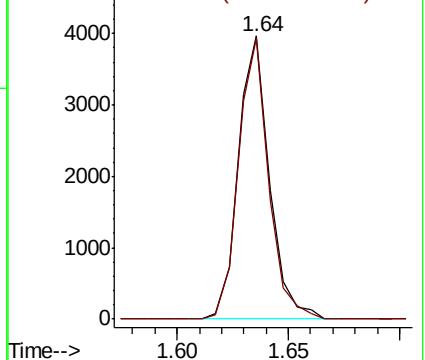
94 100

96 99.2 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.620 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003832.D

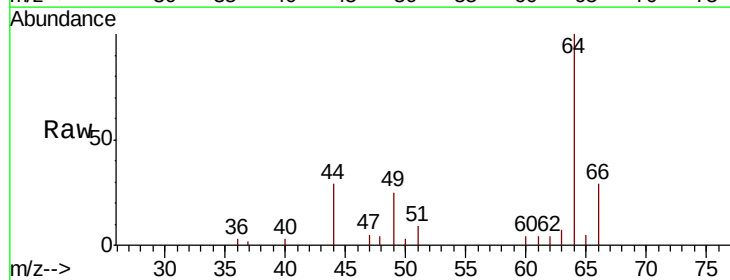
Acq: 02 Aug 2018 19:22

Tgt Ion: 64 Resp: 4245

Ion Ratio Lower Upper

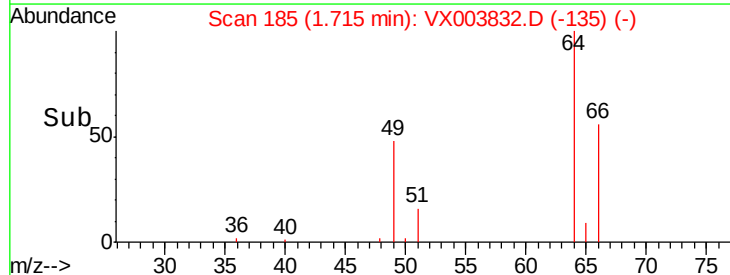
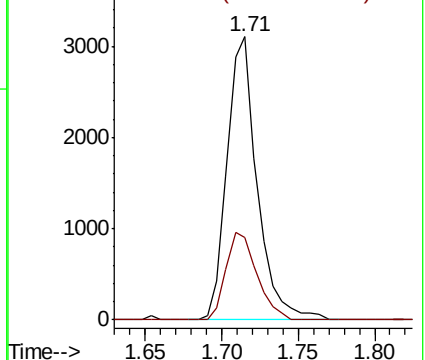
64 100

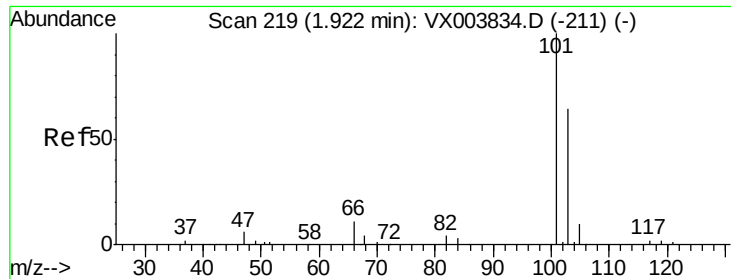
66 29.2 27.2 40.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 4.538 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

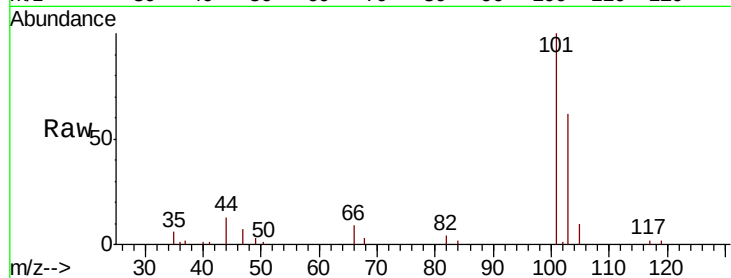
VSTDIC005

Tgt Ion: 101 Resp: 8924

Ion Ratio Lower Upper

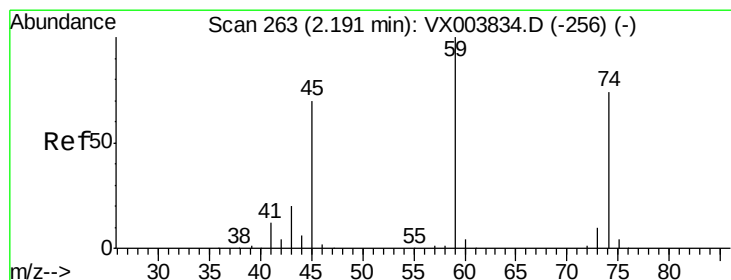
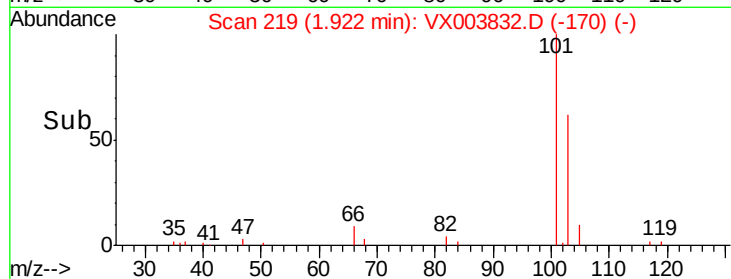
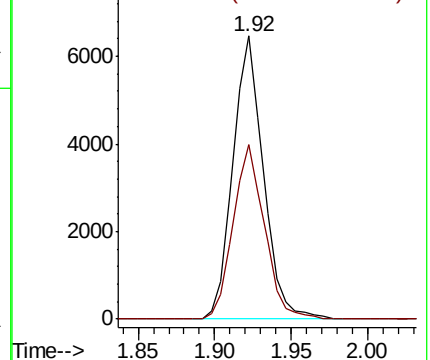
101 100

103 61.8 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.275 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003832.D

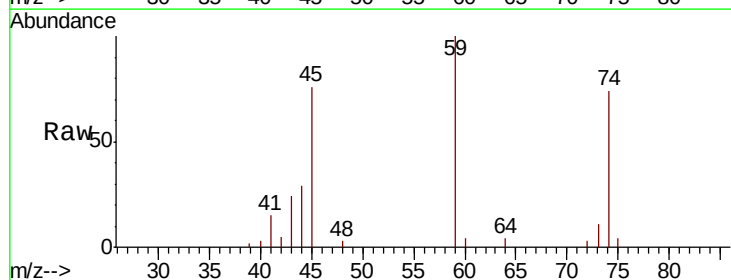
Acq: 02 Aug 2018 19:22

Tgt Ion: 74 Resp: 3791

Ion Ratio Lower Upper

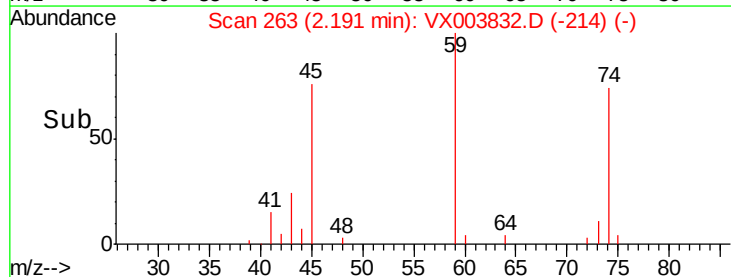
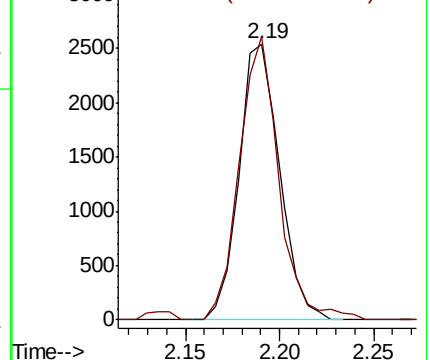
74 100

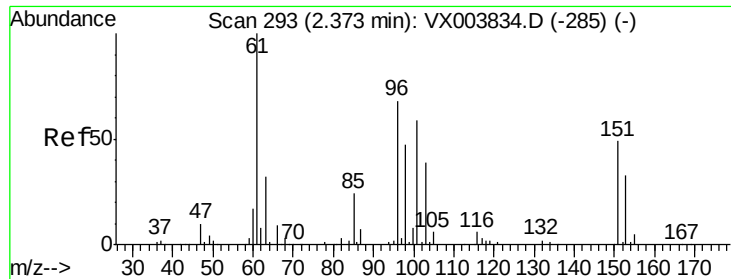
45 100.1 48.4 145.2



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: 4.577 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

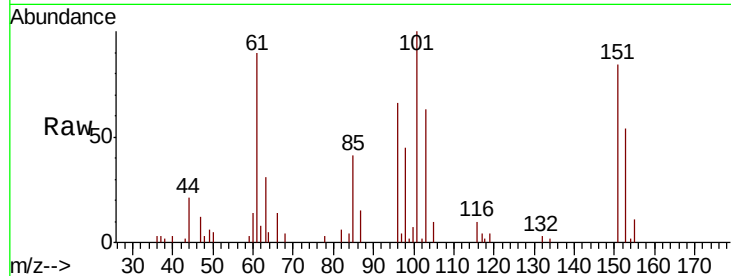
Tgt Ion:101 Resp: 5482

Ion Ratio Lower Upper

101 100

85 42.0 33.6 50.4

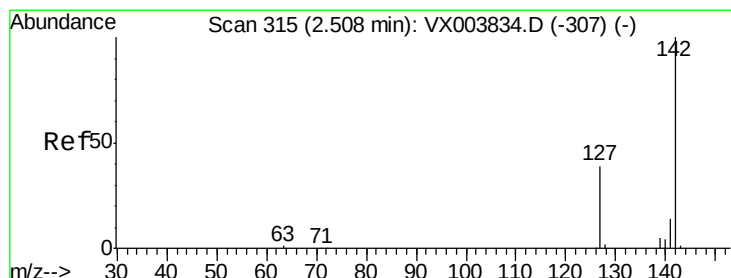
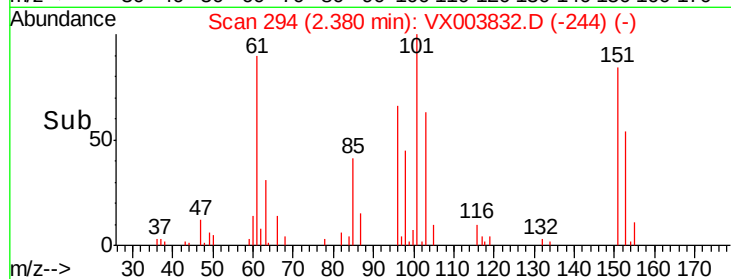
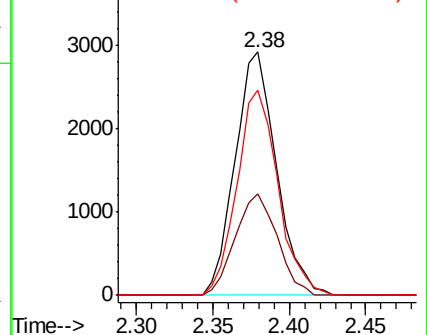
151 83.7 71.0 106.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.174 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

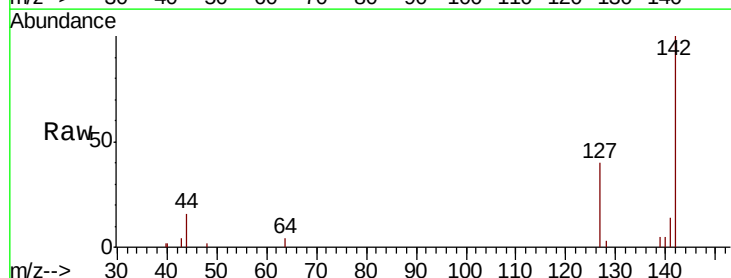
Tgt Ion:142 Resp: 6505

Ion Ratio Lower Upper

142 100

127 40.1 31.8 47.8

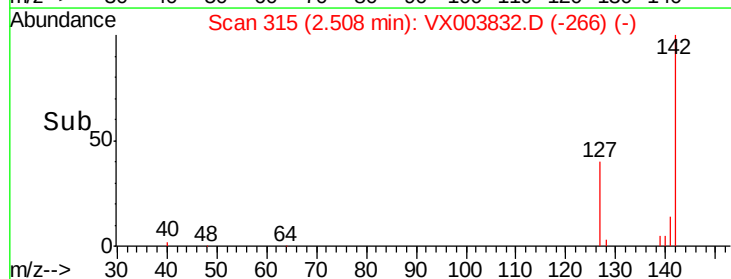
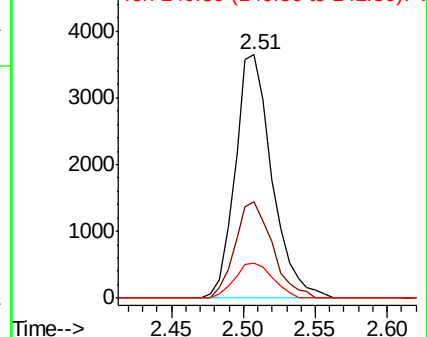
141 14.9 11.3 16.9

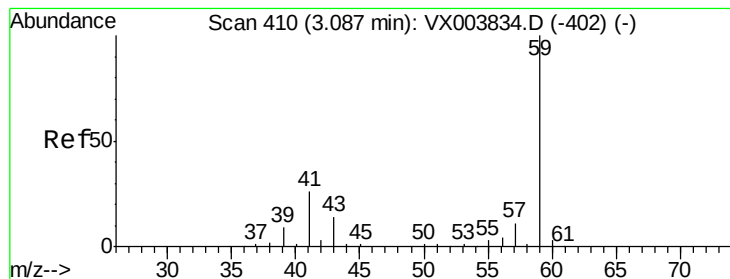


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 21.640 ug/l

RT: 3.09 min Scan# 410

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

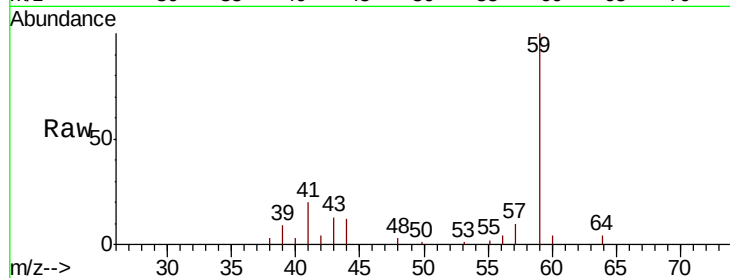
VSTDIC005

Tgt Ion: 59 Resp: 7778

Ion Ratio Lower Upper

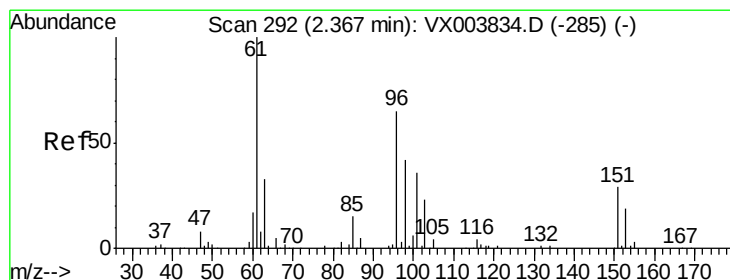
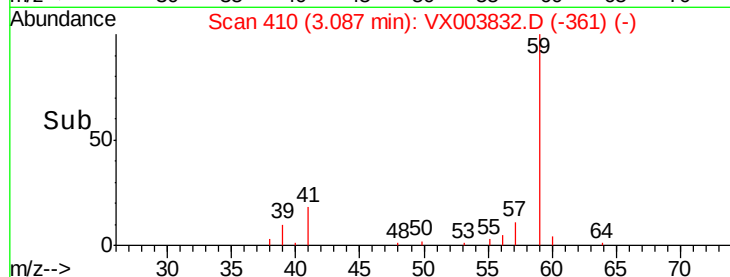
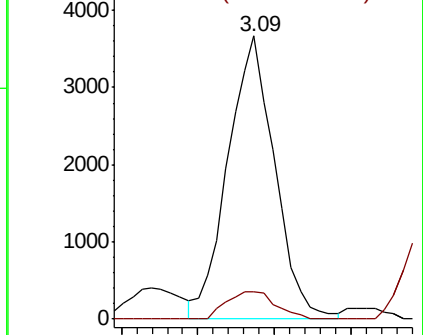
59 100

57 10.3 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 4.625 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

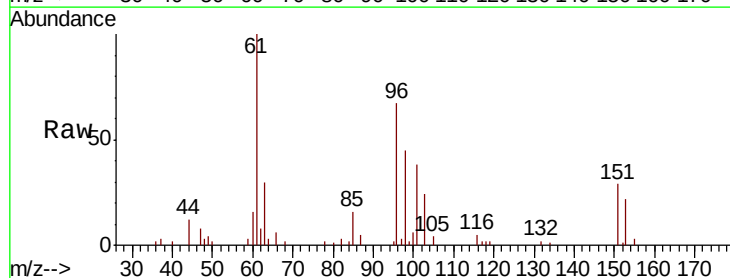
Tgt Ion: 96 Resp: 5396

Ion Ratio Lower Upper

96 100

61 148.2 122.8 184.2

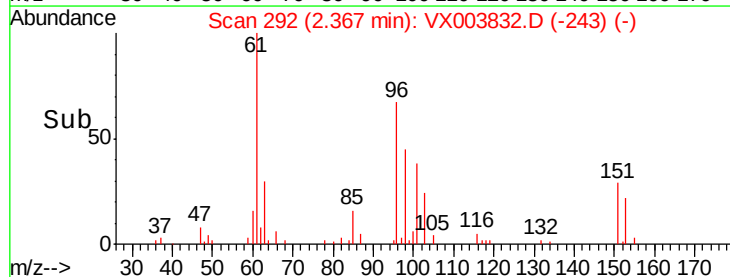
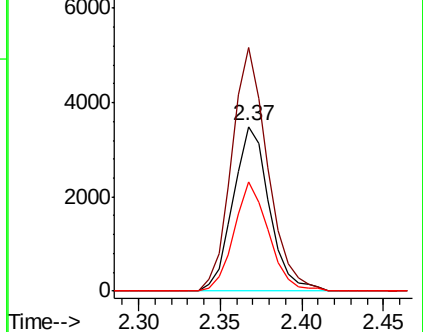
98 66.5 51.8 77.8

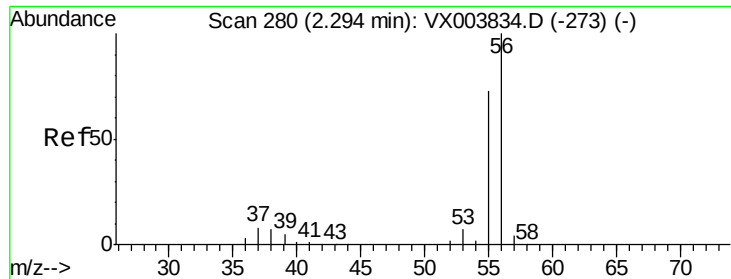


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 34.360 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

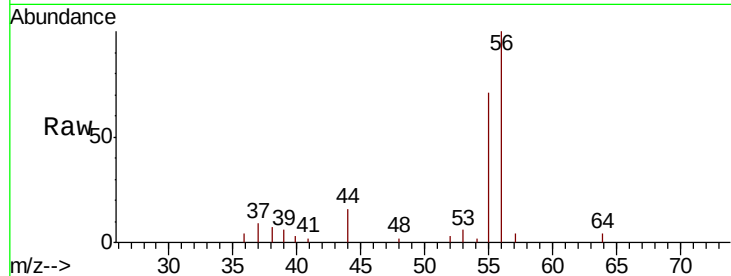
VSTDIC005

Tgt Ion: 56 Resp: 6462

Ion Ratio Lower Upper

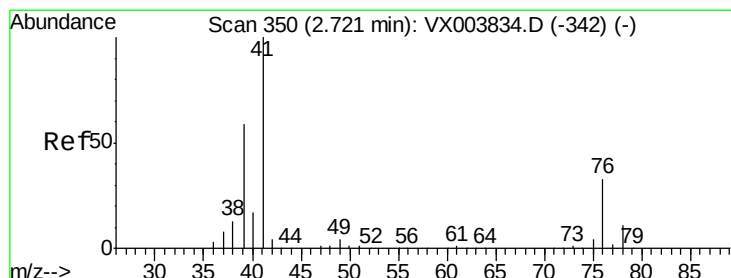
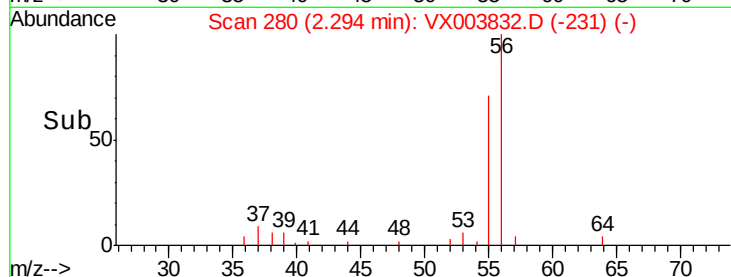
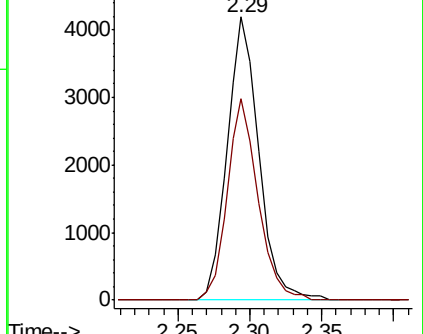
56 100

55 69.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 3.997 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

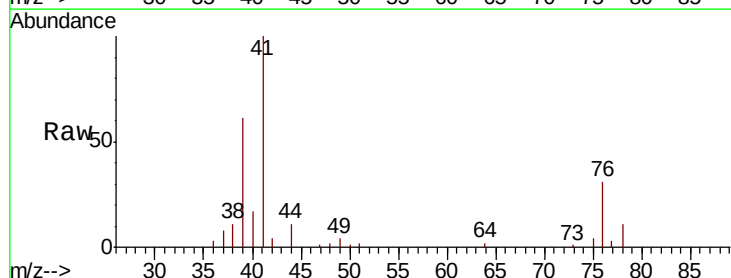
Tgt Ion: 41 Resp: 9654

Ion Ratio Lower Upper

41 100

39 59.9 46.1 69.1

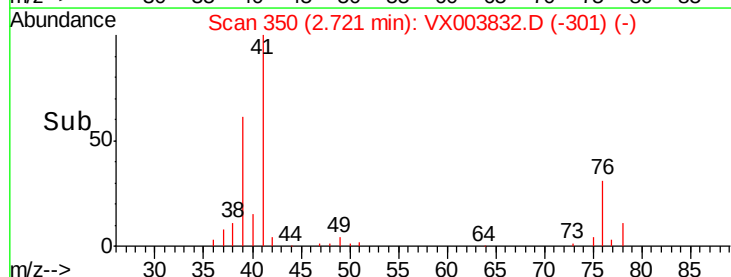
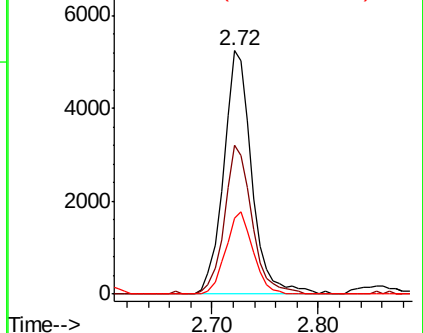
76 32.7 26.8 40.2

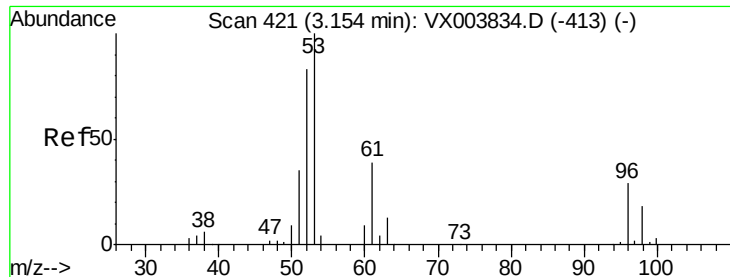


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 20.557 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

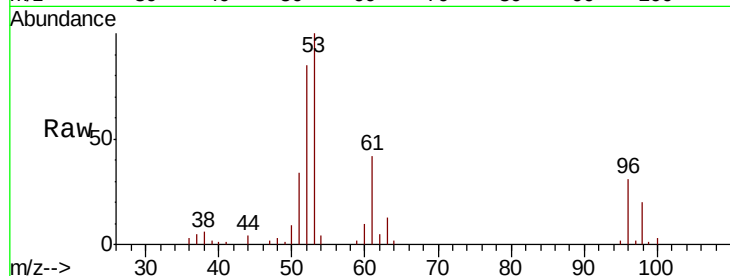
Tgt Ion: 53 Resp: 17898

Ion Ratio Lower Upper

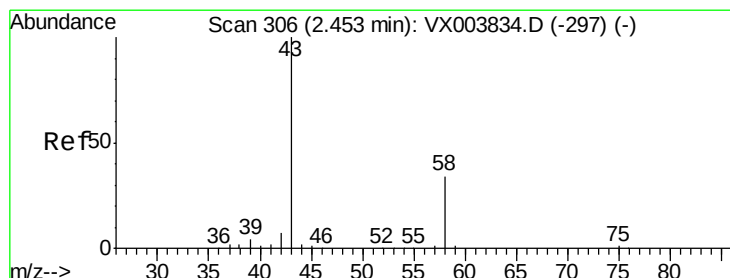
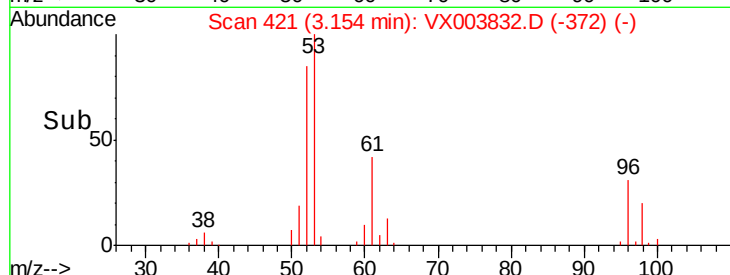
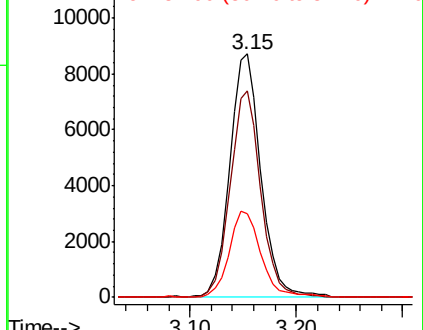
53 100

52 82.9 65.9 98.9

51 36.2 28.6 43.0



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



#16

Acetone

Concen: 25.040 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003832.D

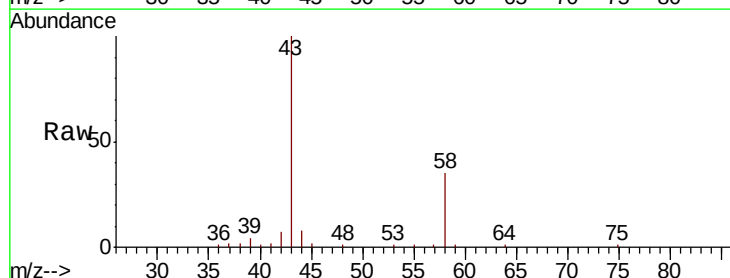
Acq: 02 Aug 2018 19:22

Tgt Ion: 43 Resp: 18349

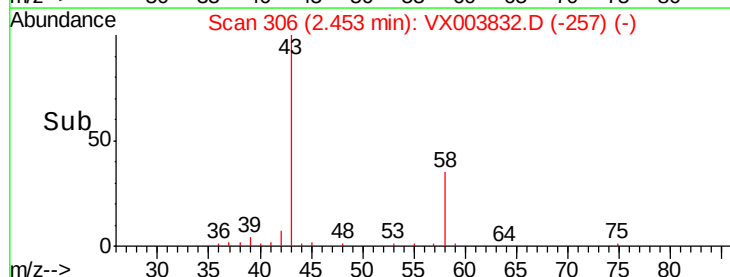
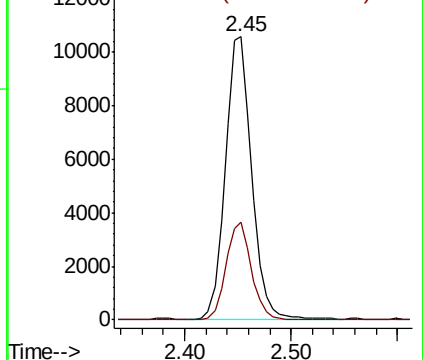
Ion Ratio Lower Upper

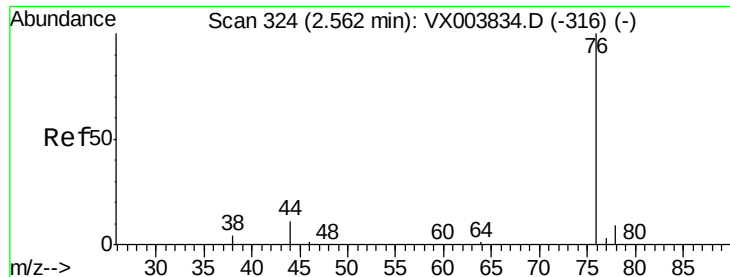
43 100

58 34.7 27.0 40.4



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

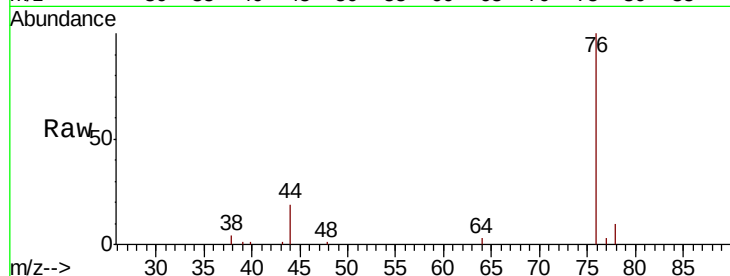




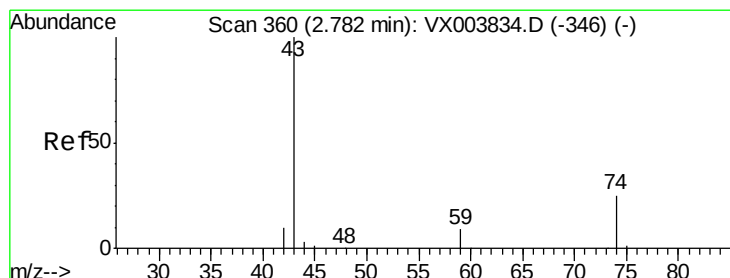
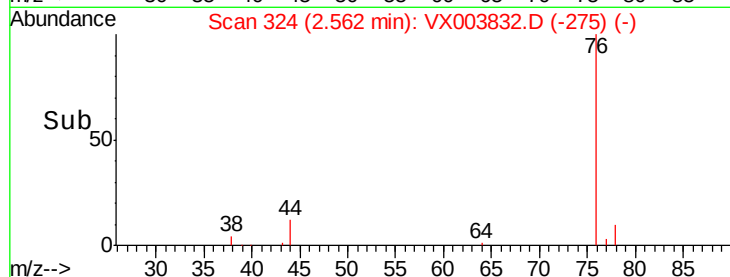
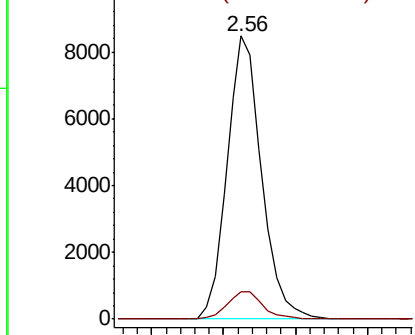
#17
Carbon Disulfide
Concen: 4.220 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 14160
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

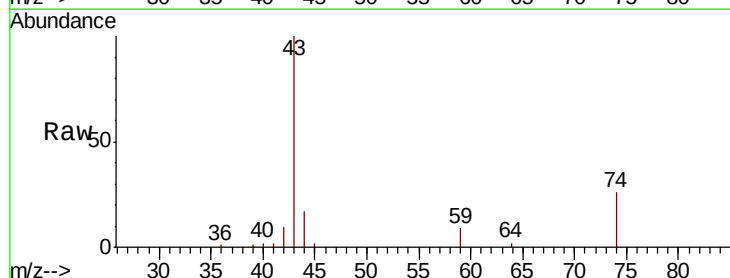


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

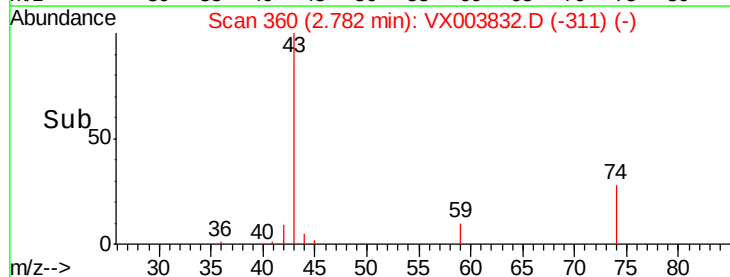
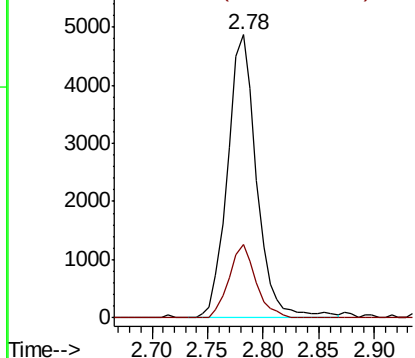


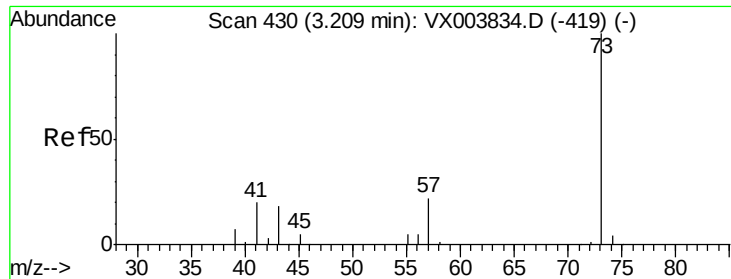
#18
Methyl Acetate
Concen: 4.172 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 43 Resp: 8841
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

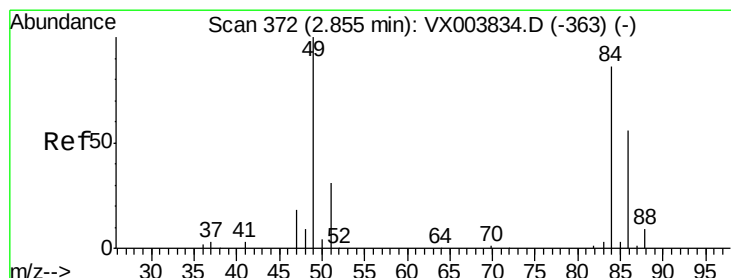
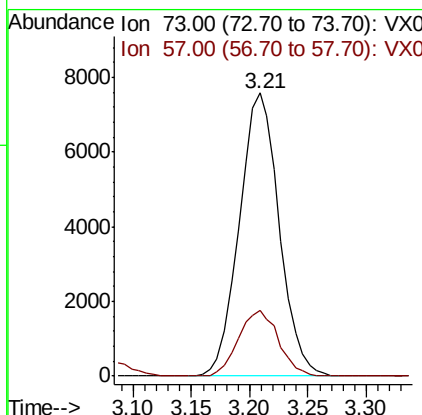
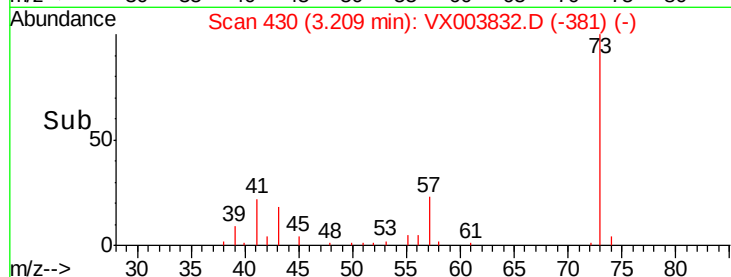
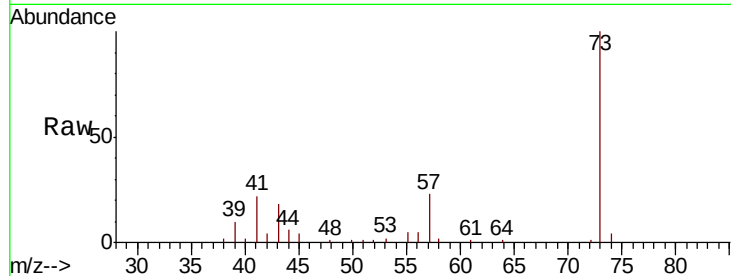




#19
Methyl tert-butyl Ether
Concen: 4.298 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

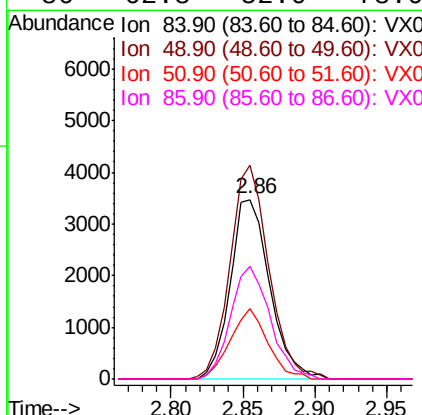
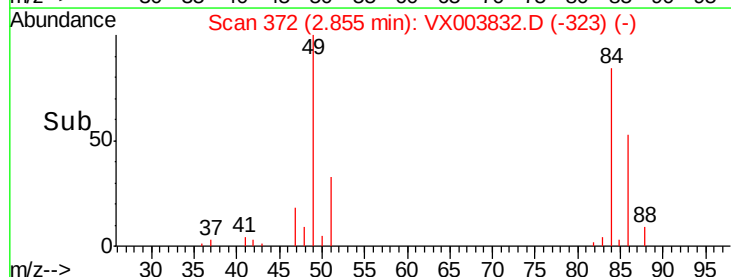
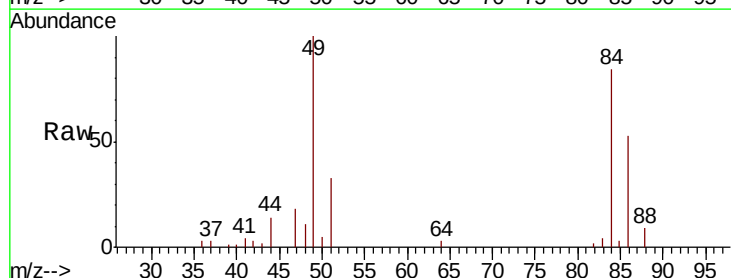
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

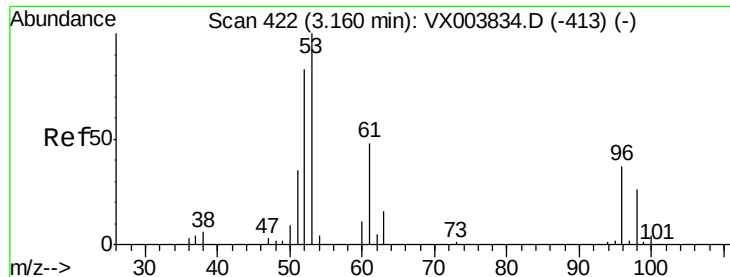
Tgt Ion: 73 Resp: 18033
Ion Ratio Lower Upper
73 100
57 23.1 17.5 26.3



#20
Methylene Chloride
Concen: 4.702 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 84 Resp: 6646
Ion Ratio Lower Upper
84 100
49 118.9 93.2 139.8
51 39.5 29.2 43.8
86 62.8 52.0 78.0

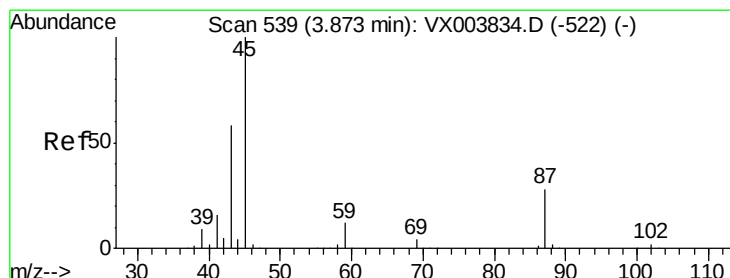
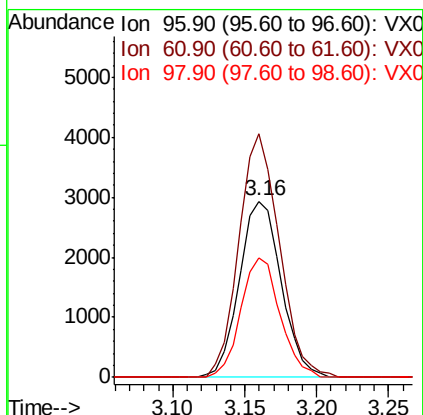
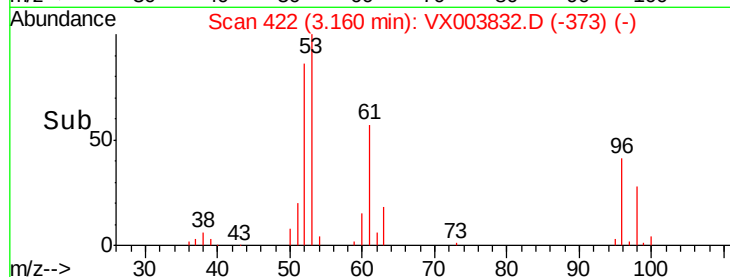
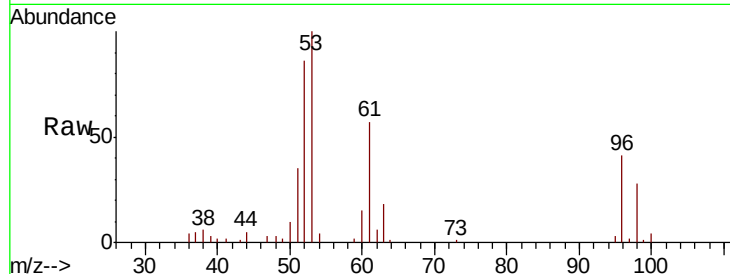




#21
trans-1,2-Dichloroethene
Concen: 4.651 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

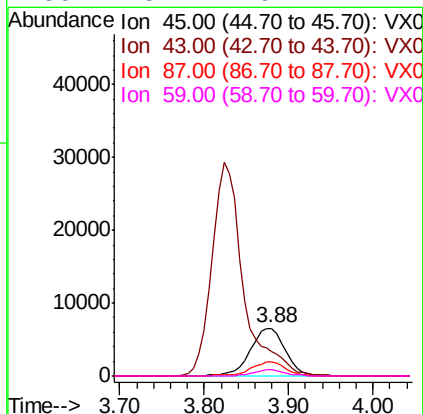
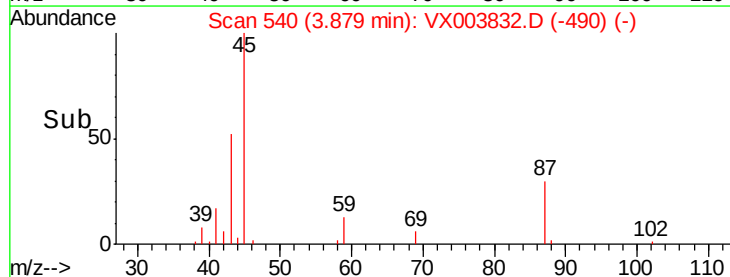
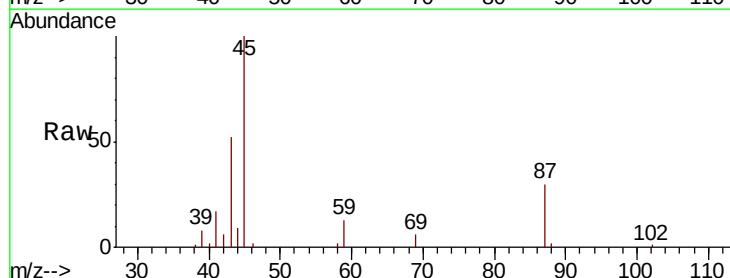
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

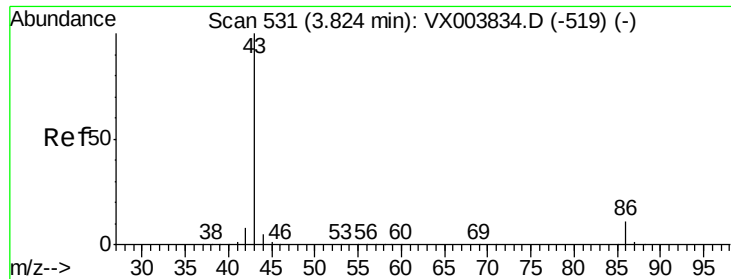
Tgt Ion: 96 Resp: 5901
Ion Ratio Lower Upper
96 100
61 138.0 104.2 156.4
98 68.1 57.0 85.6



#22
Diisopropyl ether
Concen: 4.196 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.01 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 45 Resp: 18682
Ion Ratio Lower Upper
45 100
43 50.5 46.4 69.6
87 29.8 22.4 33.6
59 13.4 9.4 14.2





#23

Vinyl Acetate

Concen: 19.934 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

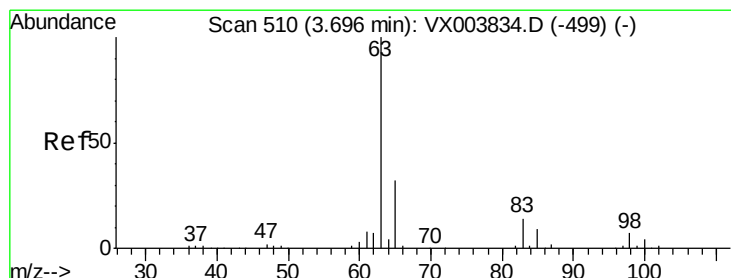
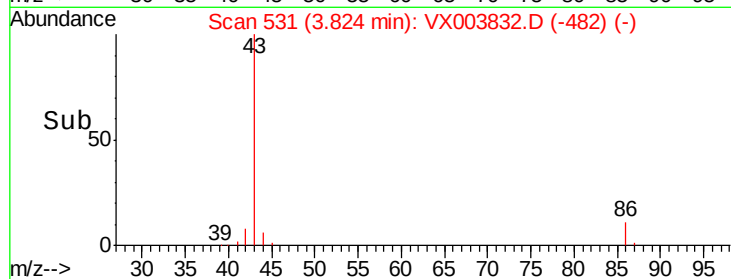
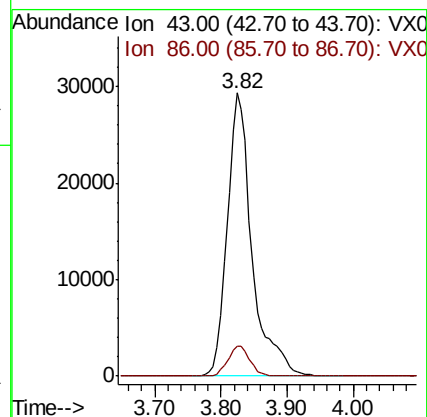
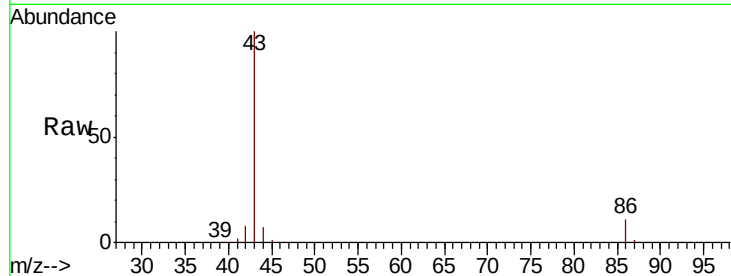
VSTDIC005

Tgt Ion: 43 Resp: 76144

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



#24

1,1-Dichloroethane

Concen: 4.207 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

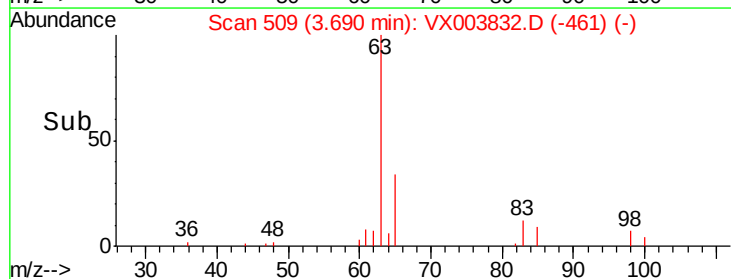
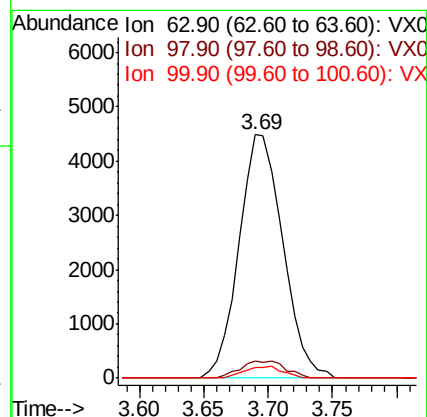
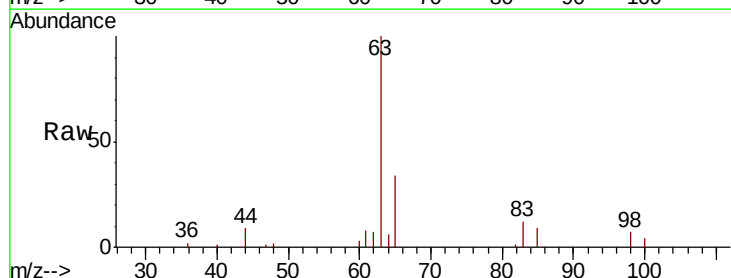
Tgt Ion: 63 Resp: 10605

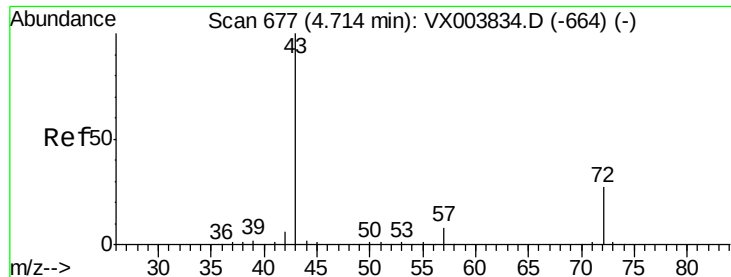
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 26.373 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

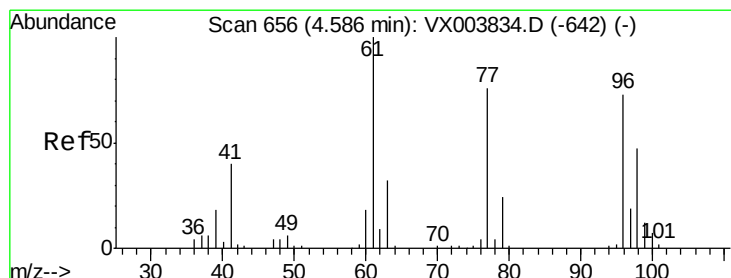
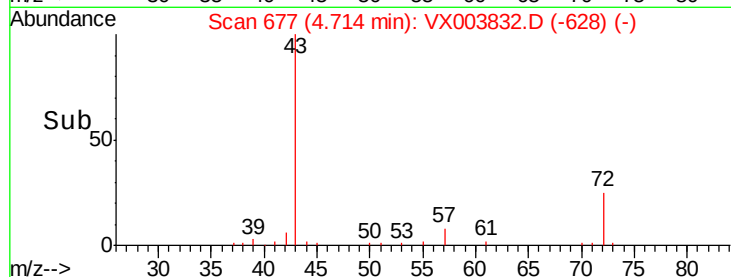
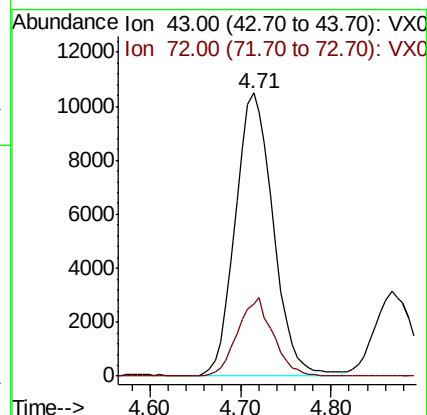
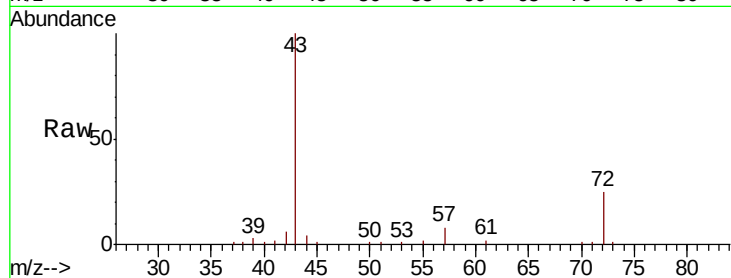
VSTDIC005

Tgt Ion: 43 Resp: 30503

Ion Ratio Lower Upper

43 100

72 25.4 21.5 32.3



#26

2,2-Dichloropropane

Concen: 4.661 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003832.D

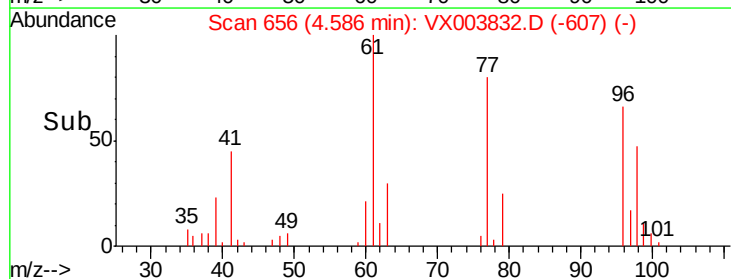
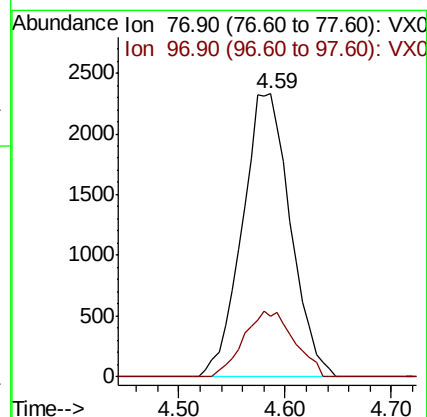
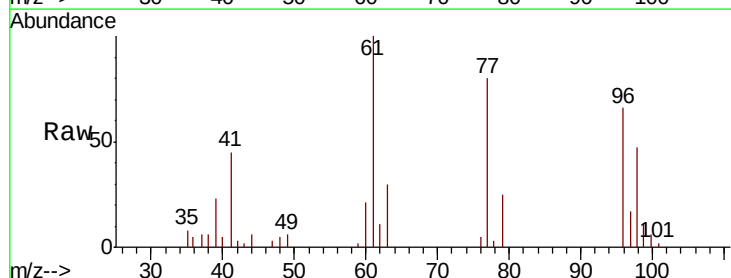
Acq: 02 Aug 2018 19:22

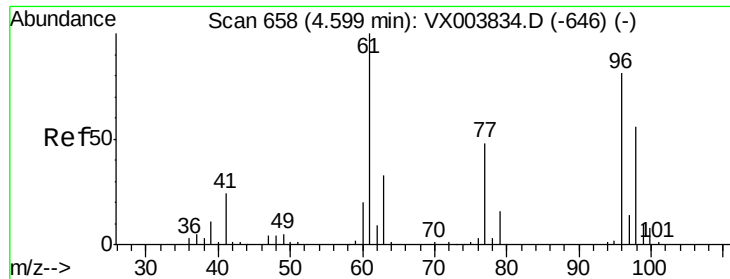
Tgt Ion: 77 Resp: 7381

Ion Ratio Lower Upper

77 100

97 24.3 12.8 38.3



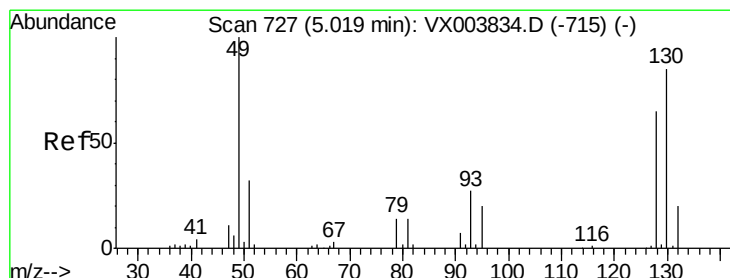
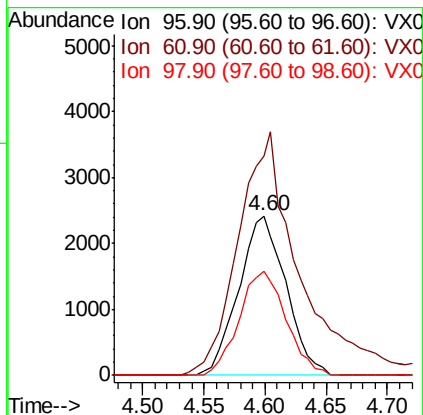
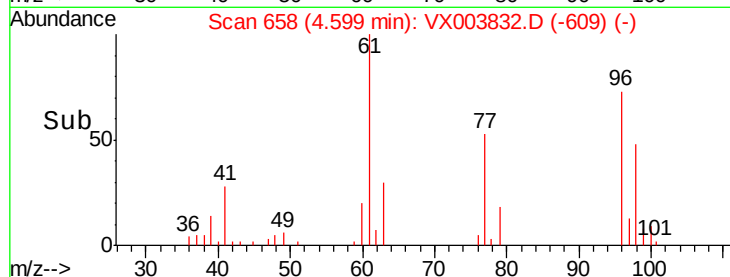
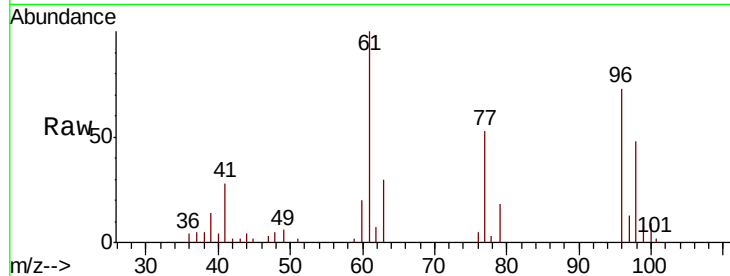


#27

cis-1,2-Dichloroethene
Concen: 4.629 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

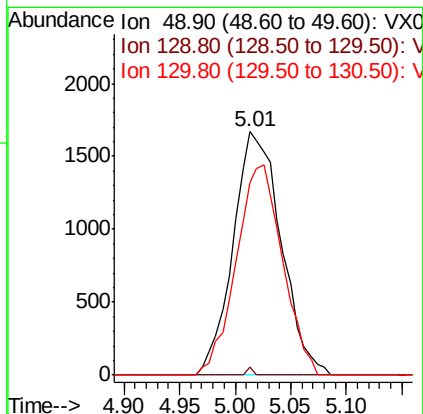
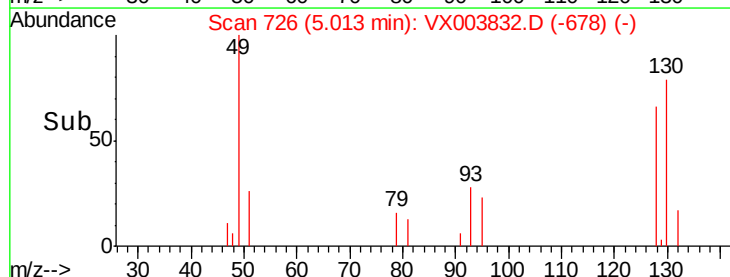
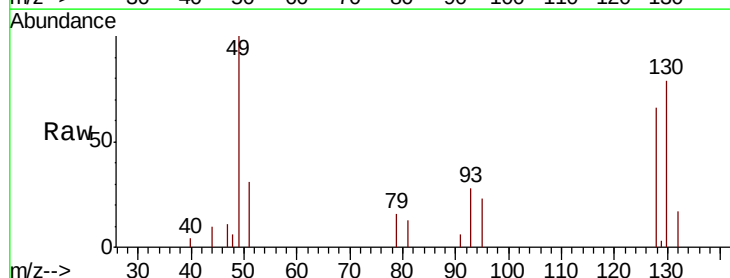
Tgt Ion: 96 Resp: 6485
Ion Ratio Lower Upper
96 100
61 203.5 0.0 283.6
98 64.8 0.0 130.0

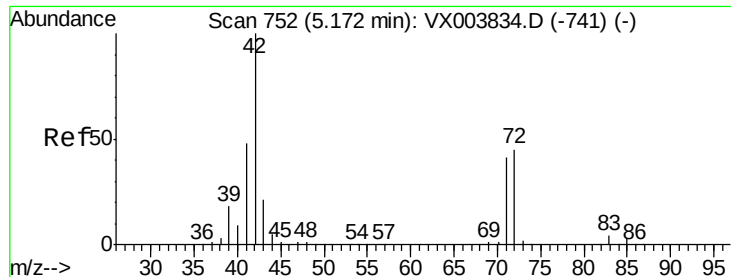


#28

Bromochloromethane
Concen: 4.754 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 49 Resp: 5010
Ion Ratio Lower Upper
49 100
129 0.4 0.0 4.2
130 83.0 68.9 103.3

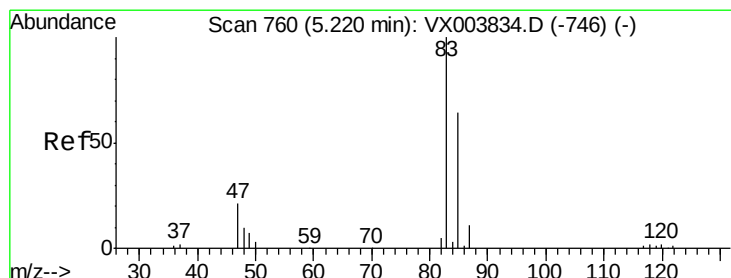
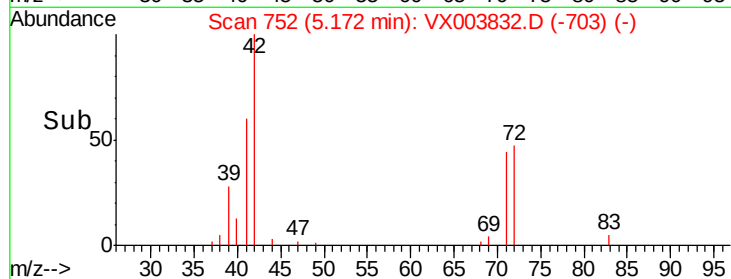
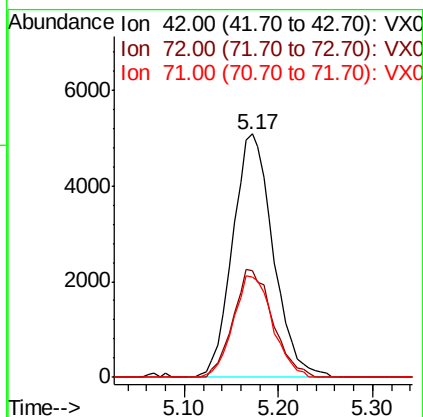
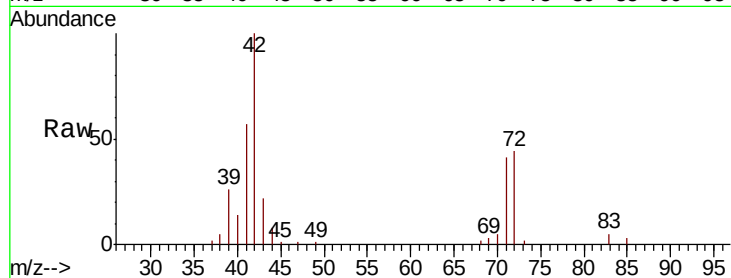




#29
Tetrahydrofuran
Concen: 21.243 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

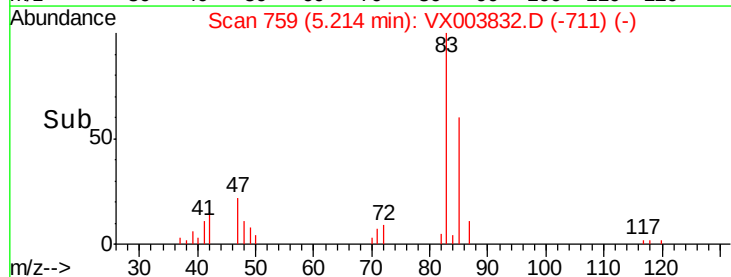
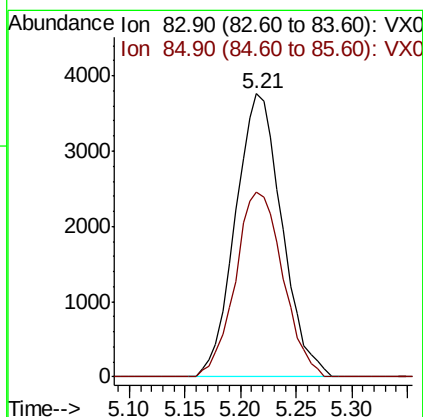
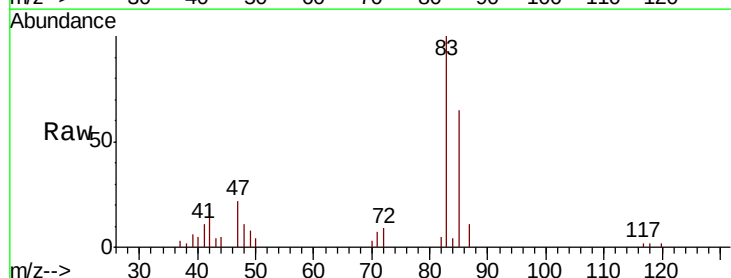
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

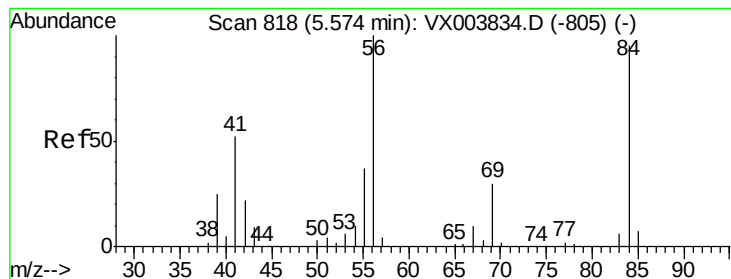
Tgt Ion: 42 Resp: 15249
Ion Ratio Lower Upper
42 100
72 43.1 36.1 54.1
71 40.4 33.6 50.4



#30
Chloroform
Concen: 4.679 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 83 Resp: 10911
Ion Ratio Lower Upper
83 100
85 65.5 51.5 77.3





#31

Cyclohexane

Concen: 4.364 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

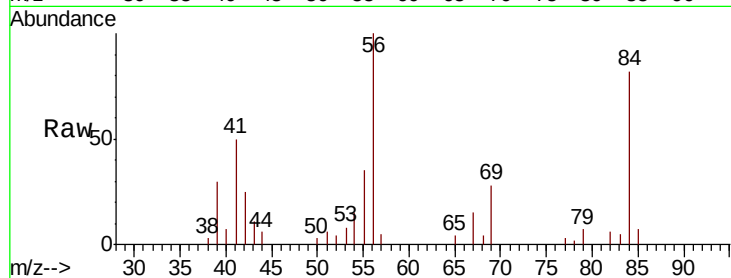
Tgt Ion: 56 Resp: 8587

Ion Ratio Lower Upper

56 100

69 27.9 23.7 35.5

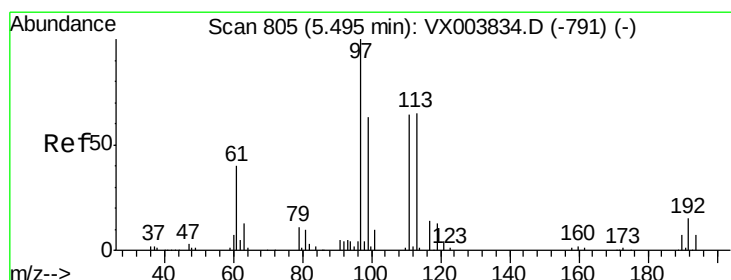
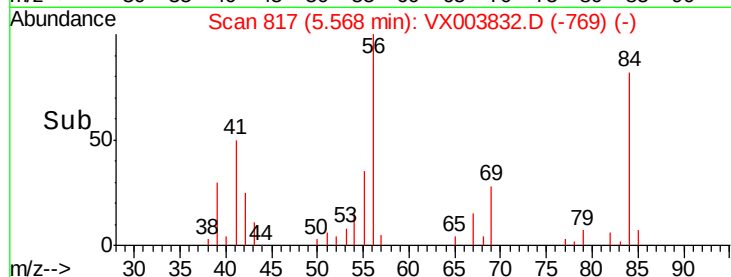
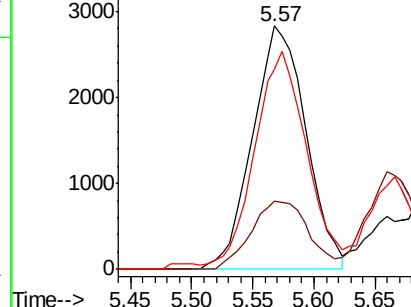
84 79.6 75.7 113.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 4.713 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

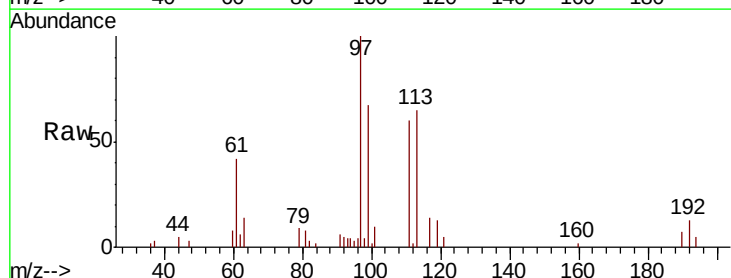
Tgt Ion: 97 Resp: 8996

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

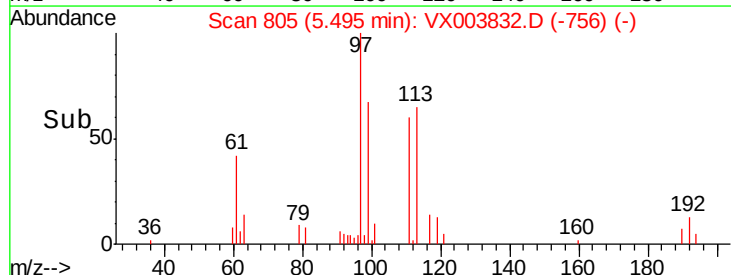
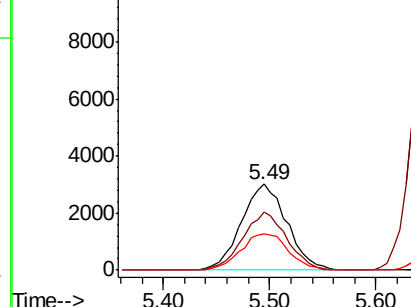
61 43.9 33.3 49.9

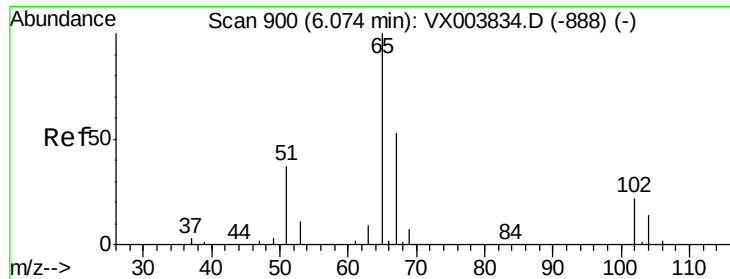


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

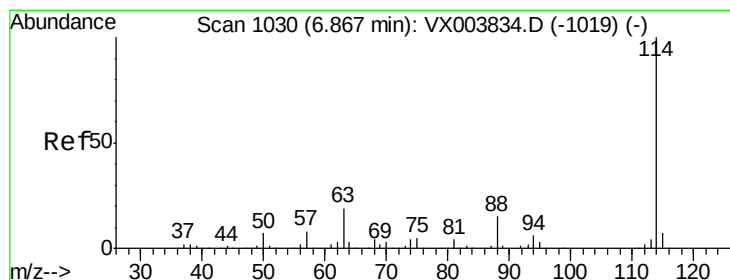
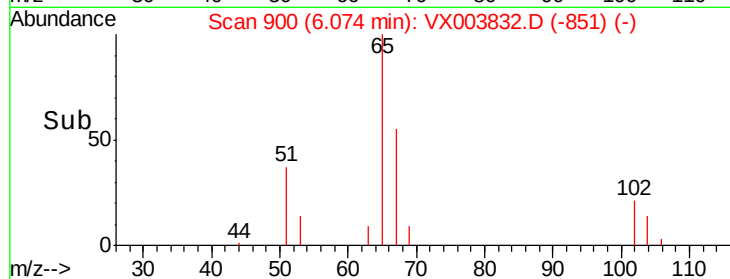
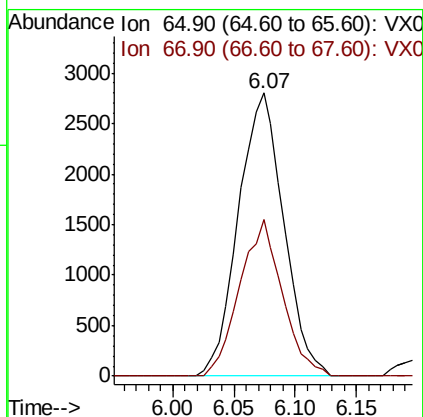
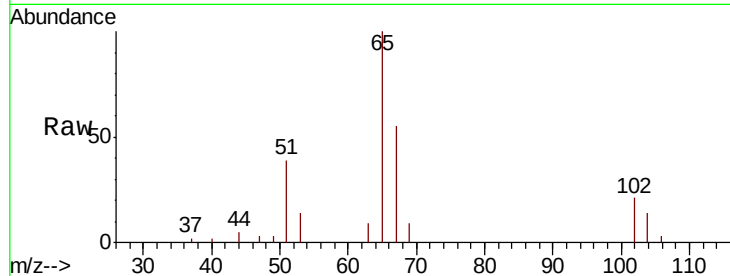




#33
 1,2-Dichloroethane-d4
 Concen: 4.696 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

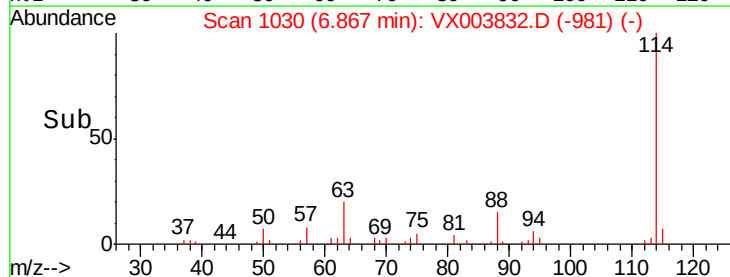
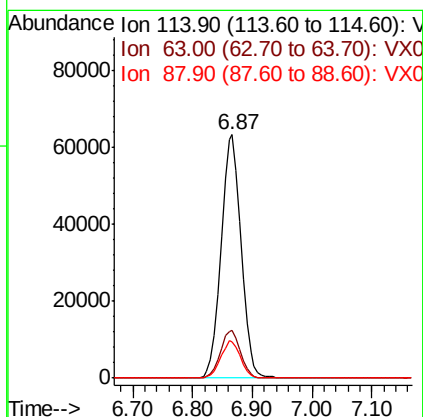
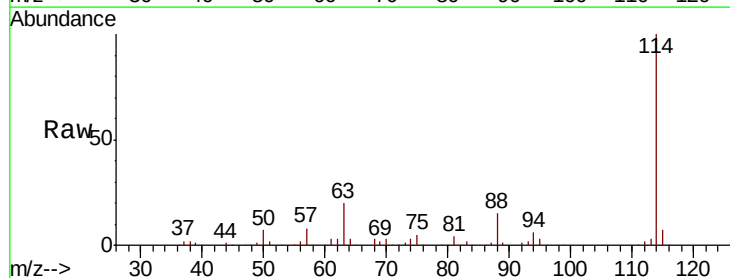
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

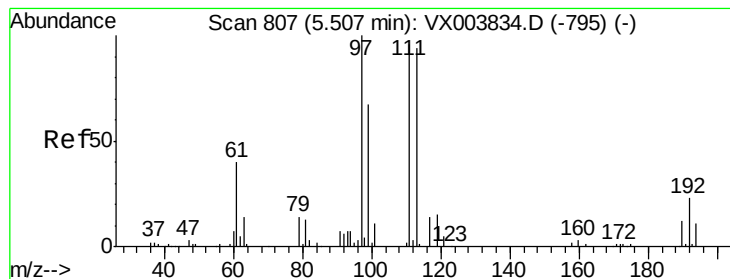
Tgt Ion: 65 Resp: 7207
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion: 114 Resp: 148020
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.2
 88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 5.037 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

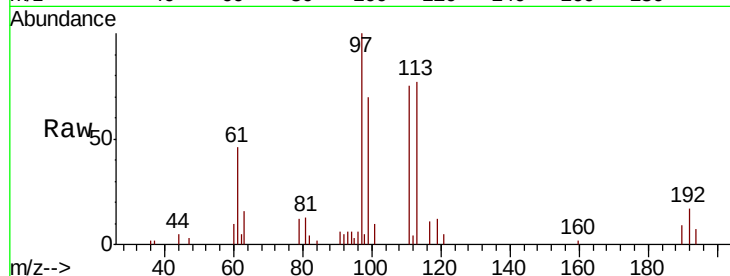
Tgt Ion:113 Resp: 6092

Ion Ratio Lower Upper

113 100

111 99.3 81.1 121.7

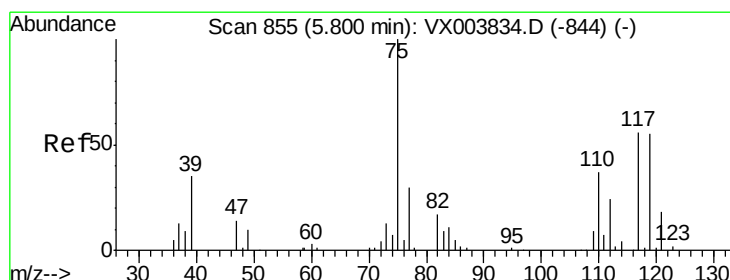
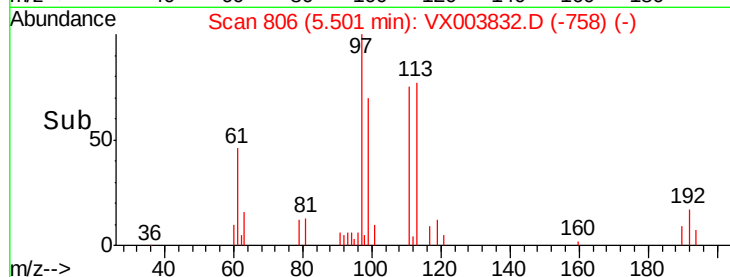
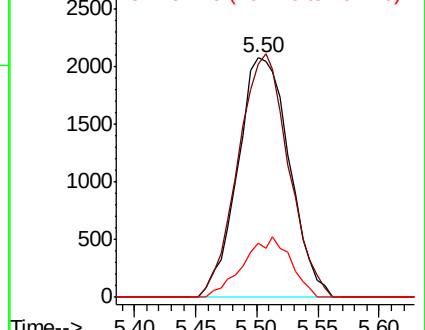
192 23.0 19.7 29.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.697 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

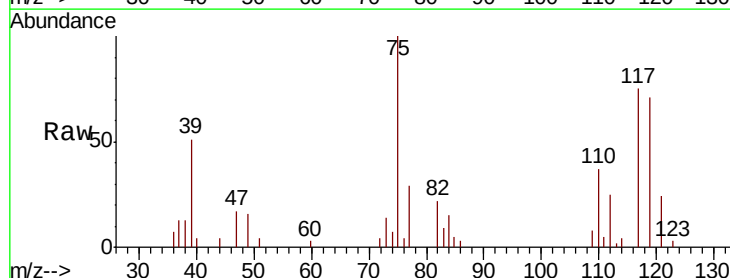
Tgt Ion: 75 Resp: 7947

Ion Ratio Lower Upper

75 100

110 37.8 18.6 55.8

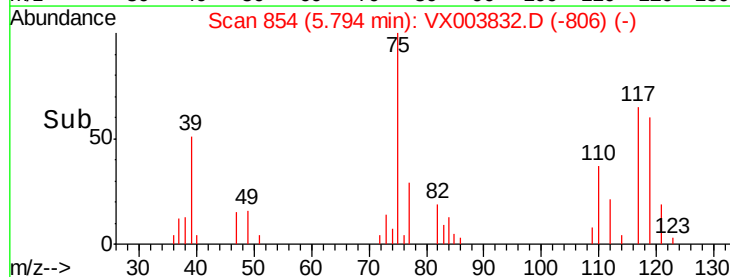
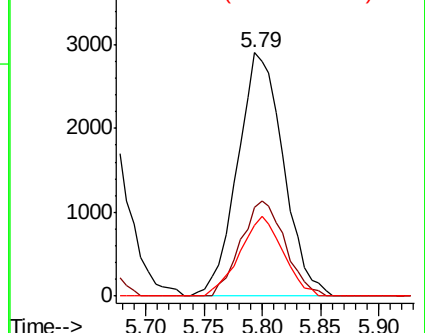
77 30.7 24.9 37.3

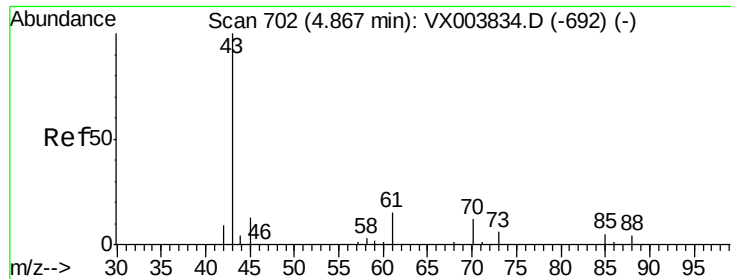


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

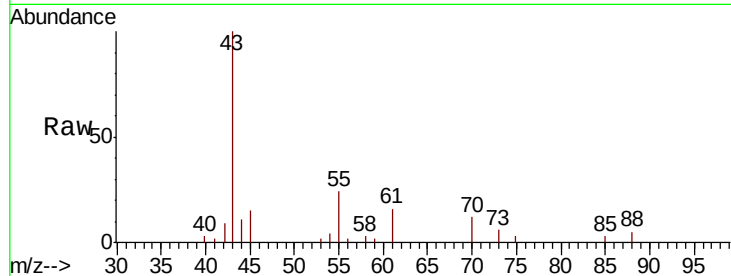




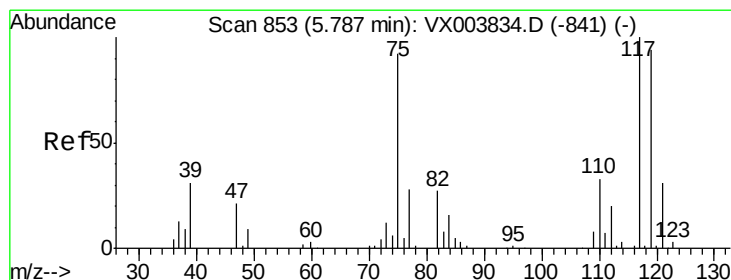
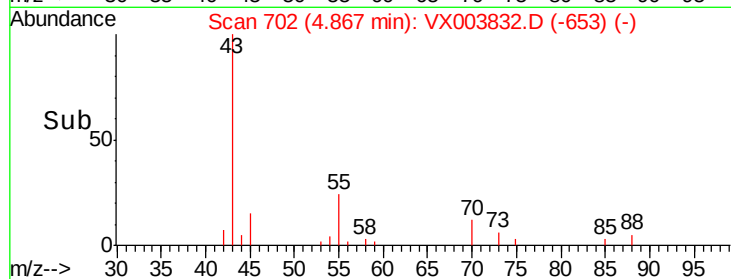
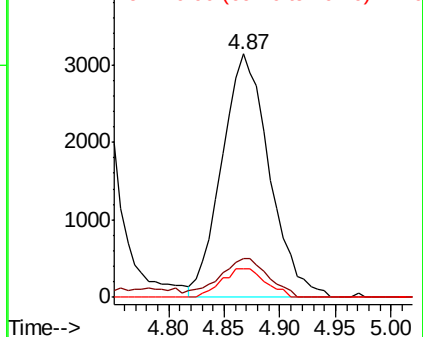
#37
 Ethyl Acetate
 Concen: 4.509 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 9318
 Ion Ratio Lower Upper
 43 100
 61 16.2 12.4 18.6
 70 10.8 8.9 13.3

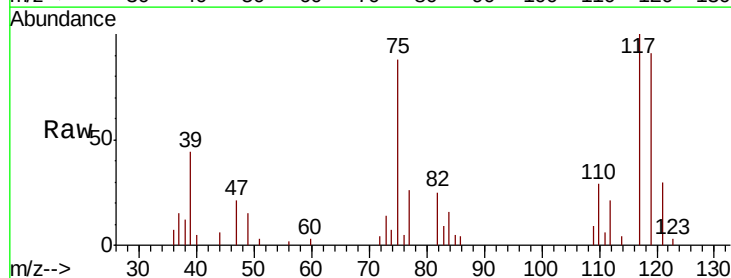


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

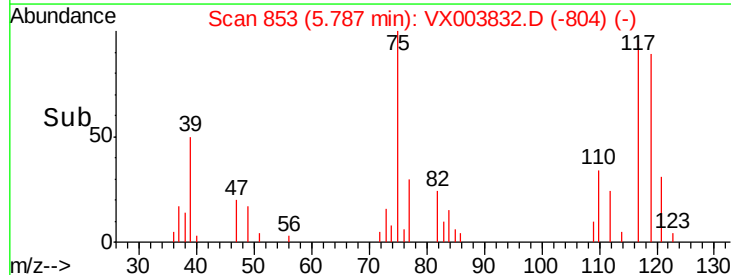
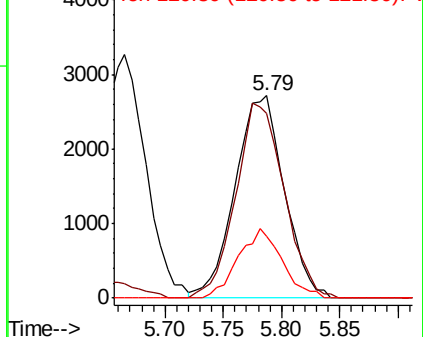


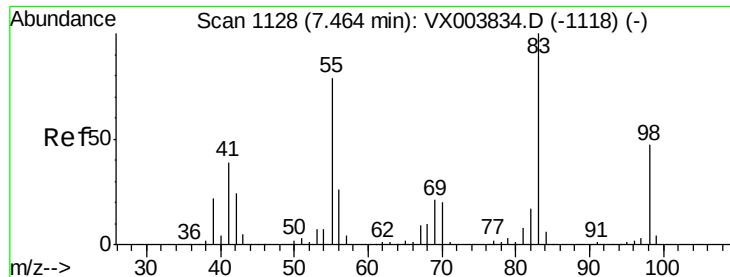
#38
 Carbon Tetrachloride
 Concen: 4.898 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion: 117 Resp: 7989
 Ion Ratio Lower Upper
 117 100
 119 91.2 74.6 112.0
 121 30.5 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

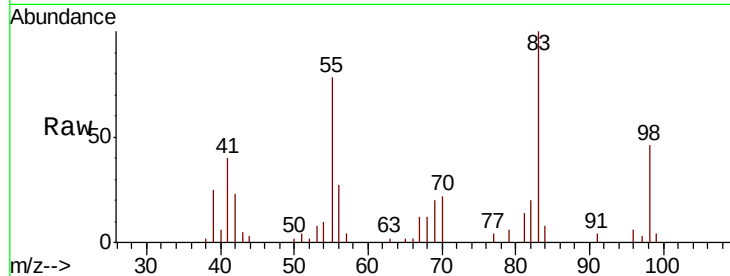




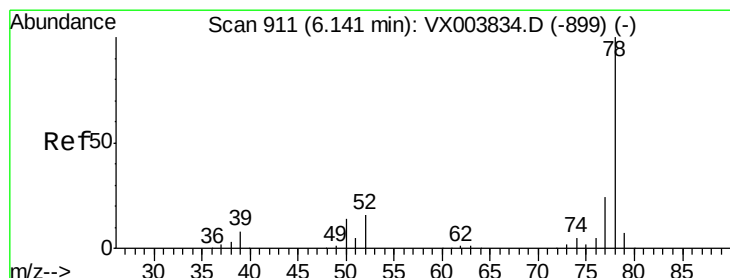
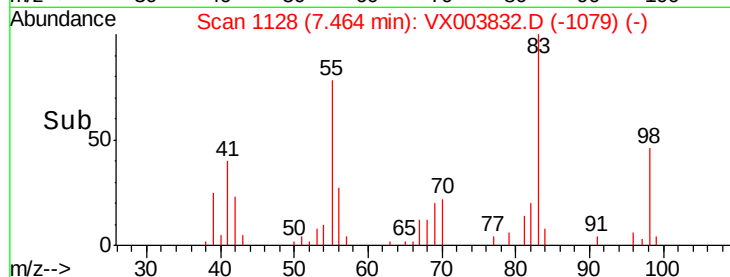
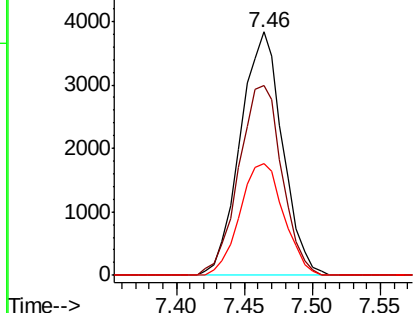
#39
Methylcyclohexane
Concen: 4.624 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 8331
Ion Ratio Lower Upper
83 100
55 78.0 63.1 94.7
98 46.1 37.5 56.3

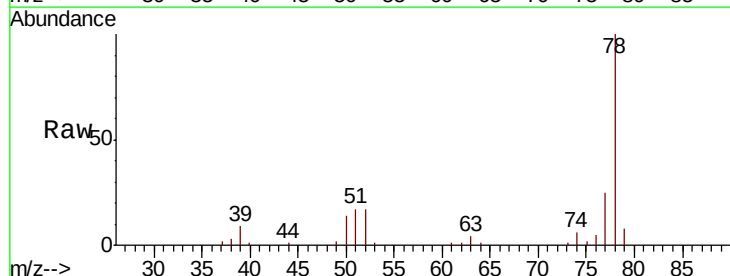


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

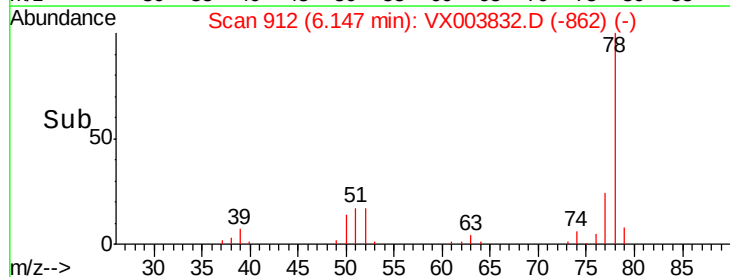
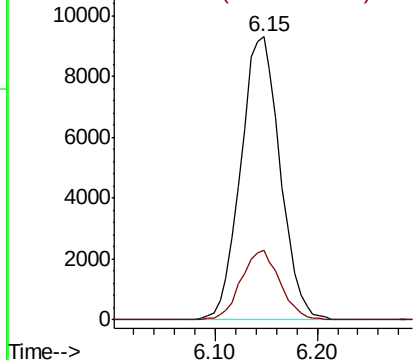


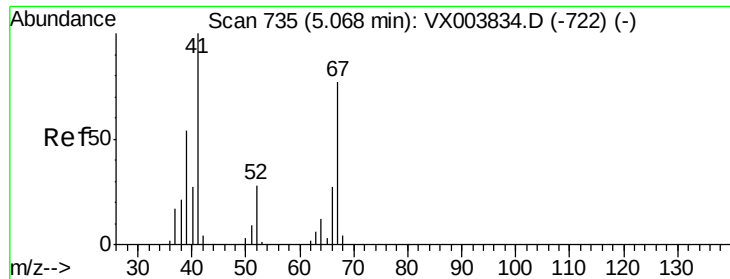
#40
Benzene
Concen: 4.911 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 78 Resp: 25024
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3



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

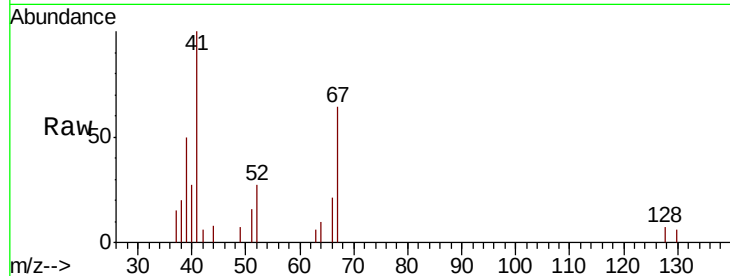




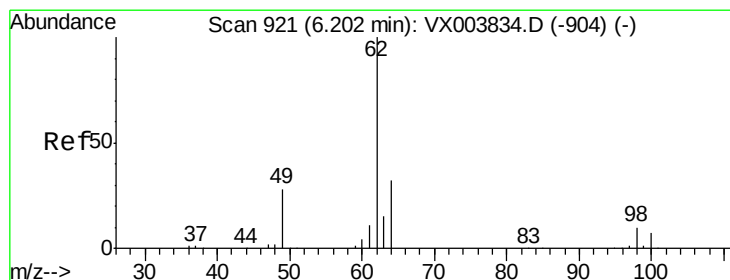
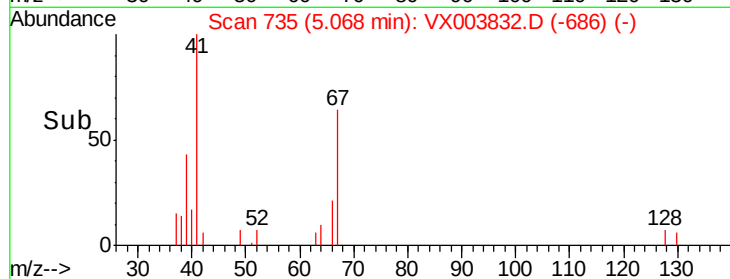
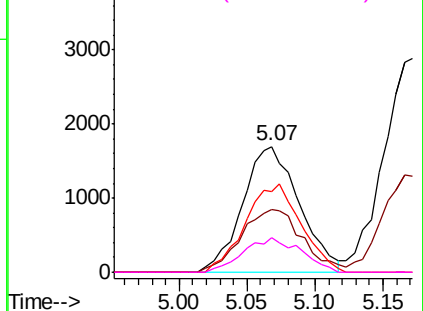
#41
Methacrylonitrile
Concen: 4.317 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	4938
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.5	63.7
67	68.8	58.8	88.2
52	27.8	22.9	34.3

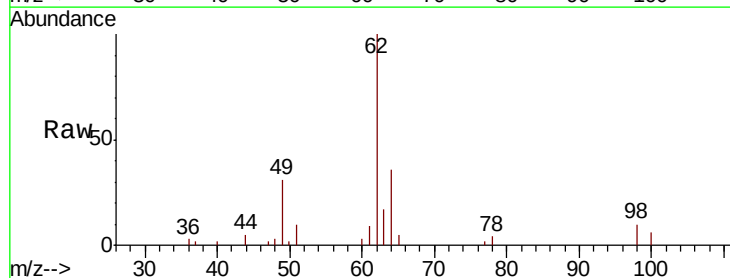


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

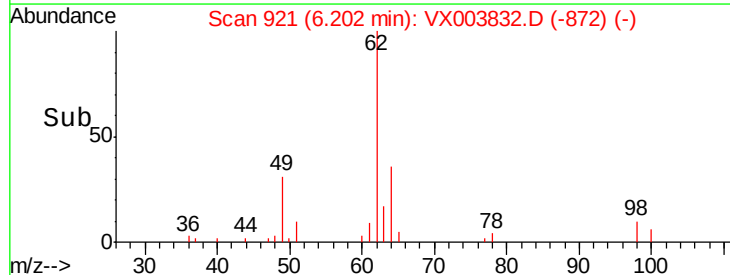
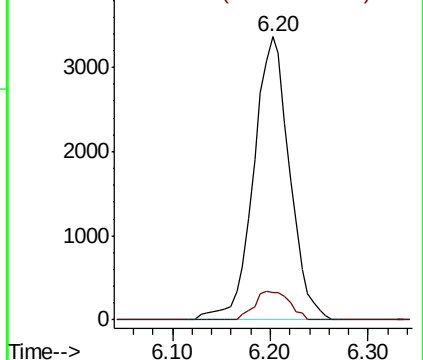


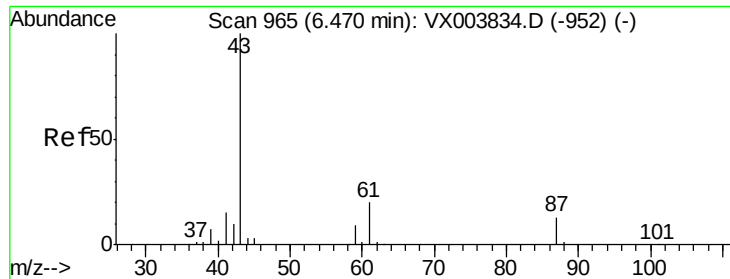
#42
1,2-Dichloroethane
Concen: 4.795 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion:	62	Resp:	8588
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 4.461 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

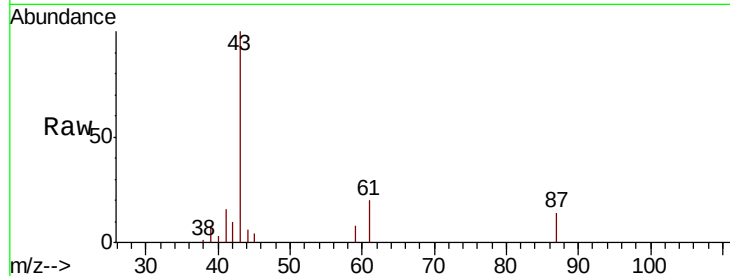
Tgt Ion: 43 Resp: 13434

Ion Ratio Lower Upper

43 100

61 20.4 16.7 25.1

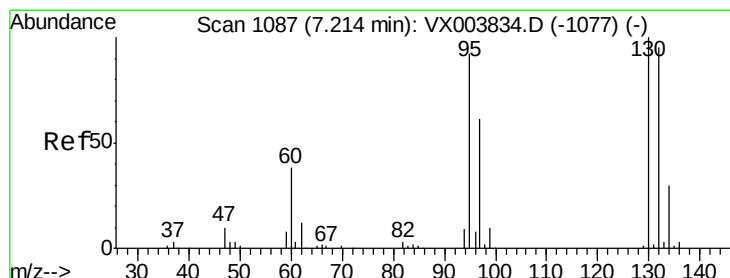
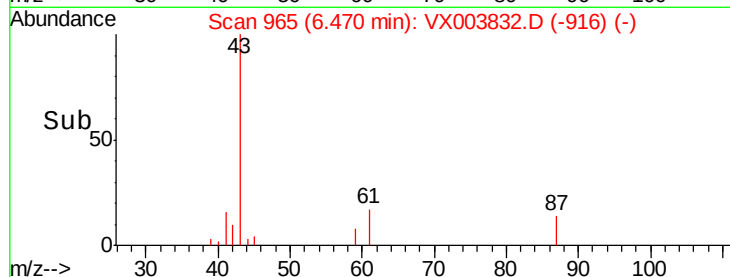
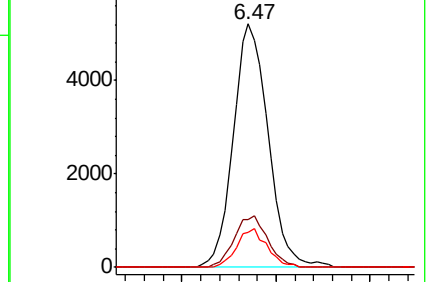
87 13.7 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.058 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003832.D

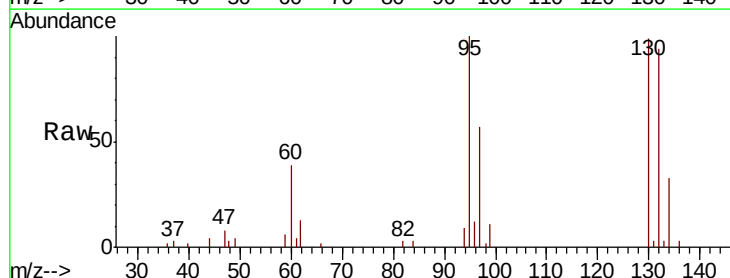
Acq: 02 Aug 2018 19:22

Tgt Ion: 130 Resp: 6890

Ion Ratio Lower Upper

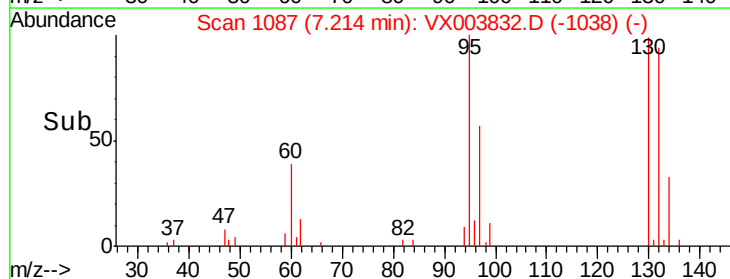
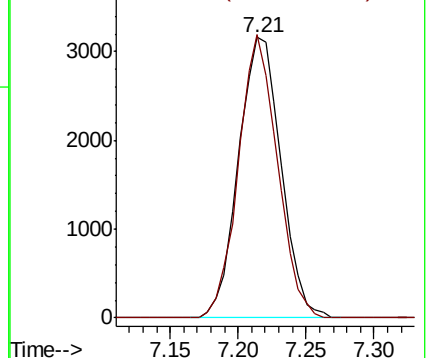
130 100

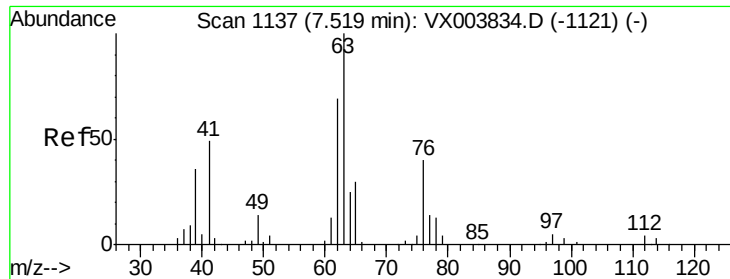
95 100.9 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

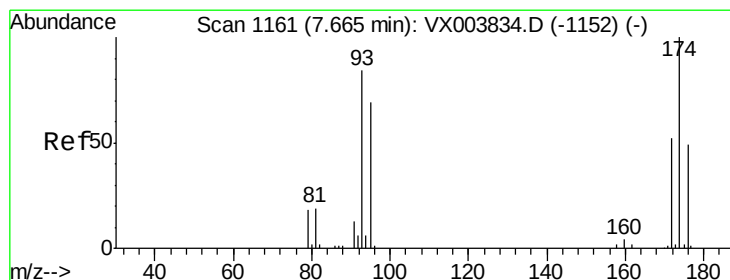
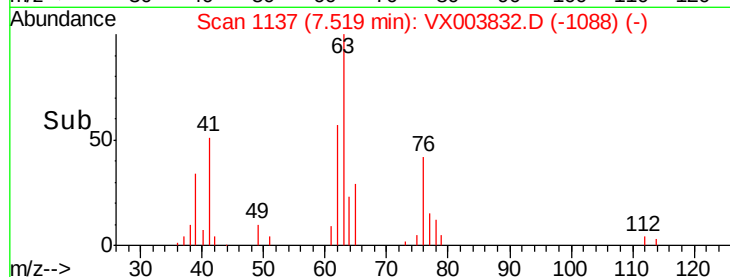
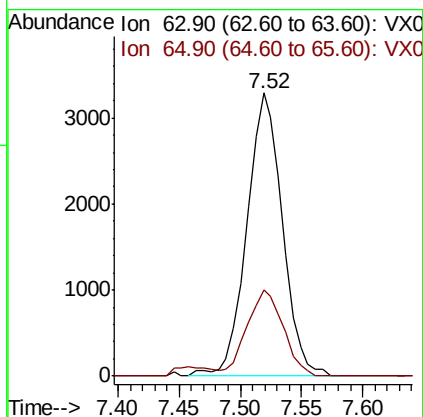
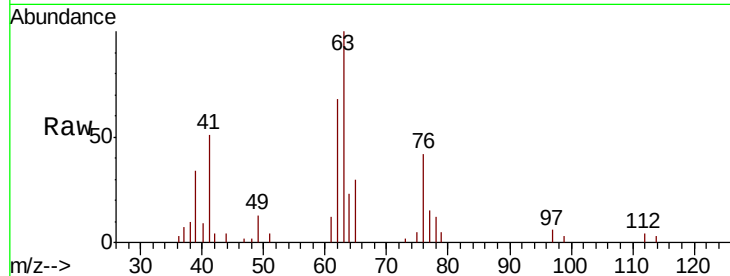




#45
 1,2-Dichloropropane
 Concen: 5.028 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

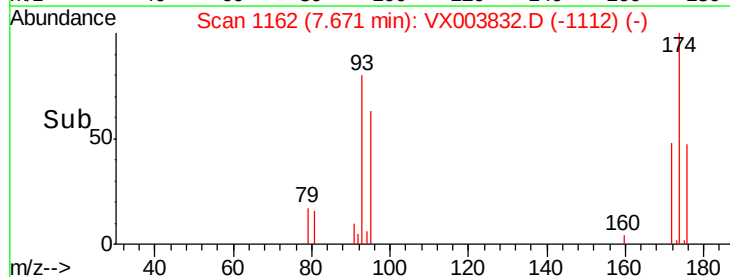
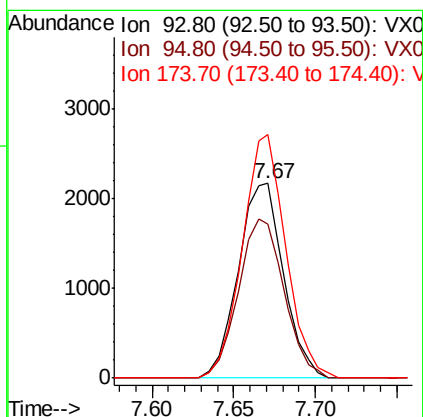
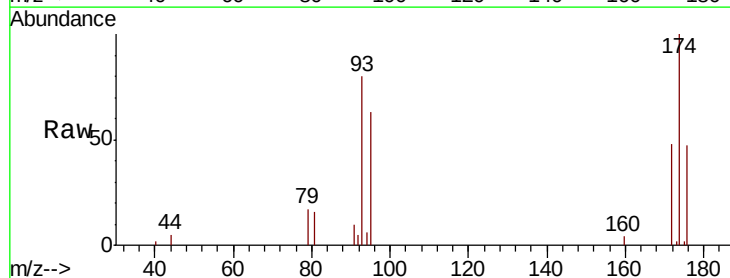
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

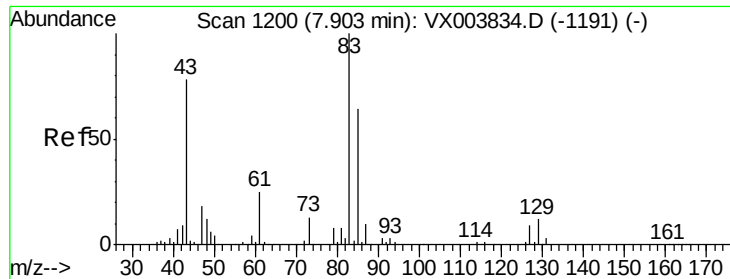
Tgt Ion: 63 Resp: 6642
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 4.879 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion: 93 Resp: 4169
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.6
 174 120.1 97.4 146.2





#47

Bromodichloromethane

Concen: 4.684 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

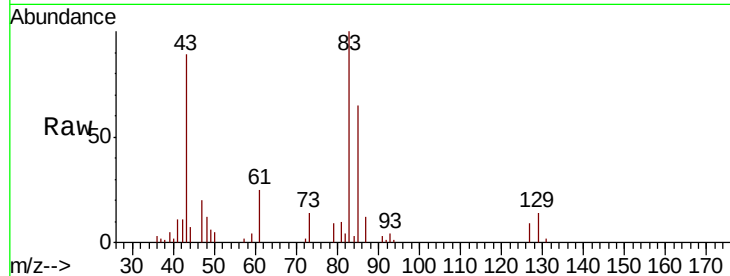
Tgt Ion: 83 Resp: 7474

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.2

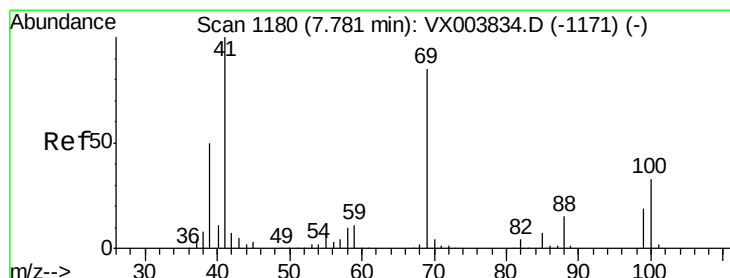
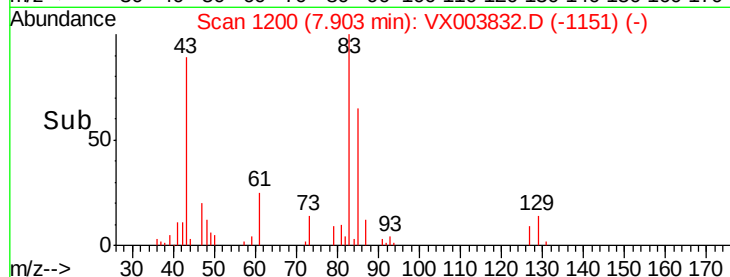
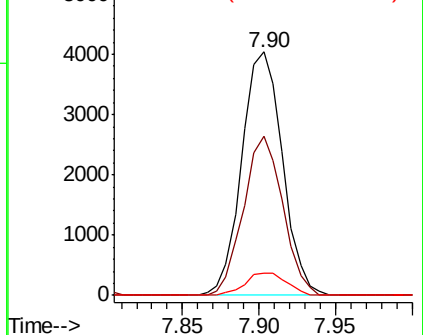
127 9.0 7.0 10.6



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: 4.297 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

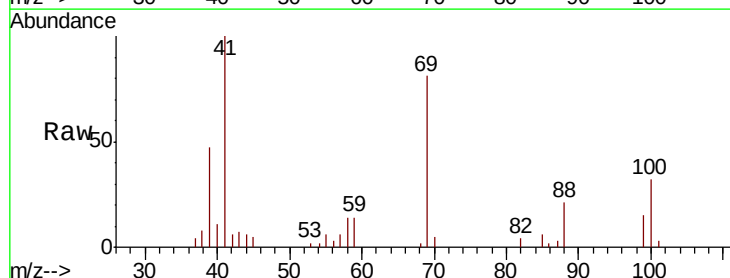
Tgt Ion: 41 Resp: 6568

Ion Ratio Lower Upper

41 100

69 84.2 70.2 105.4

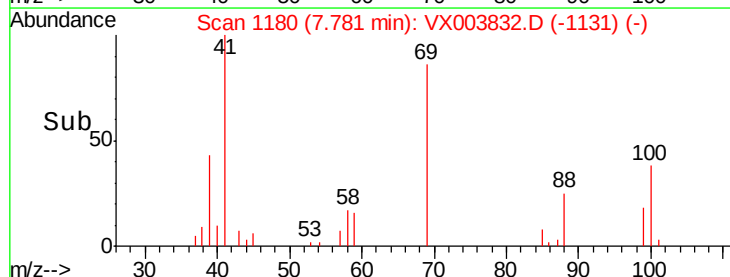
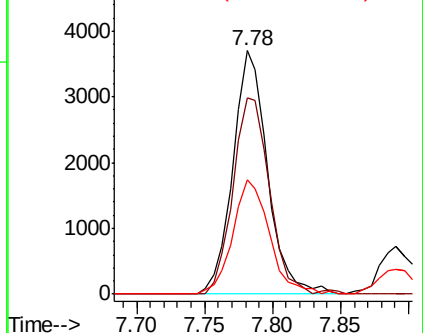
39 49.9 40.9 61.3

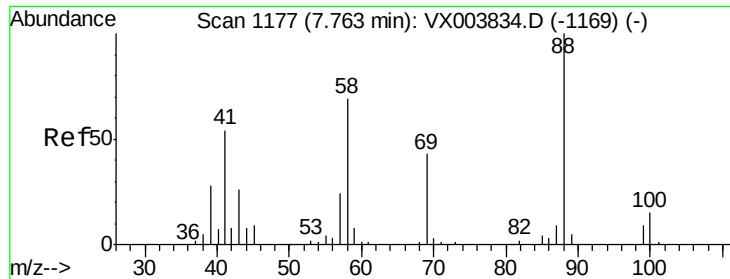


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

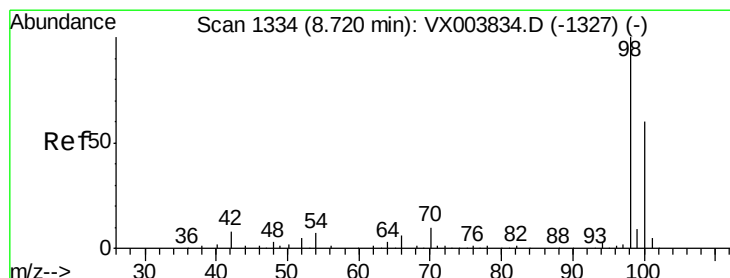
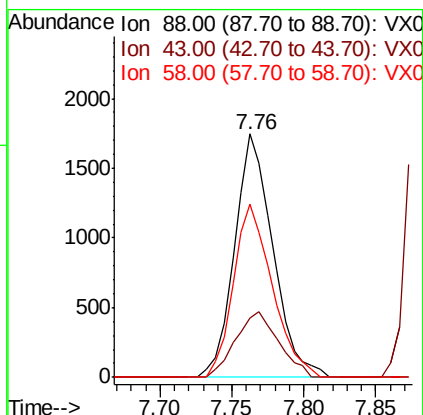
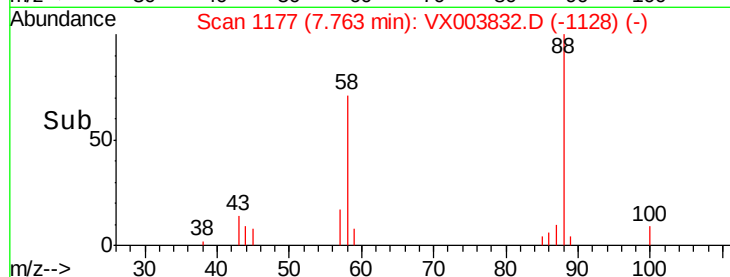
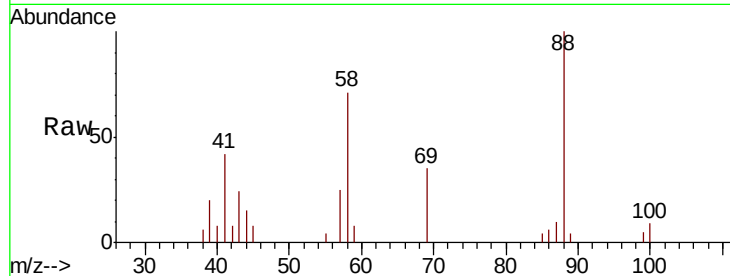




#49
1,4-Dioxane
Concen: 93.960 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

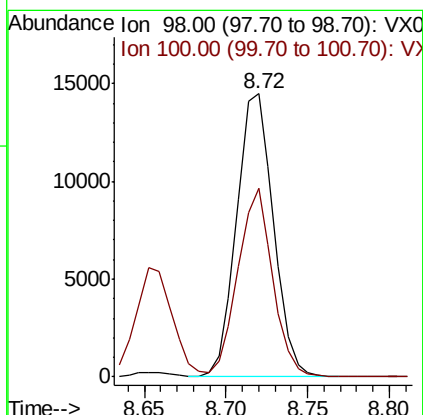
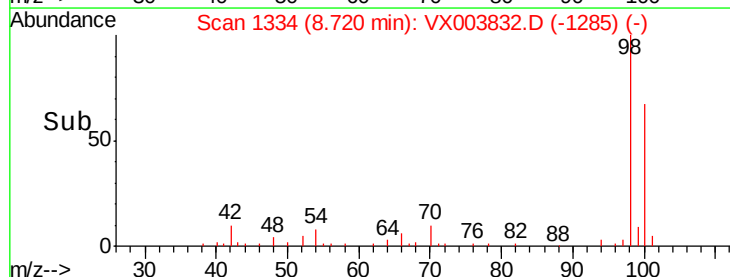
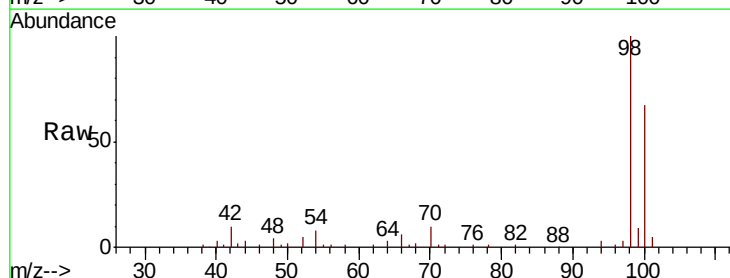
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

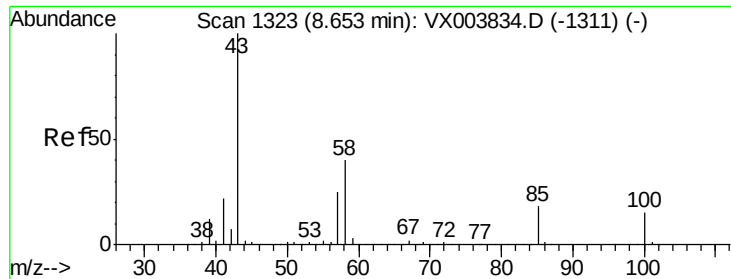
Tgt Ion: 88 Resp: 3226
Ion Ratio Lower Upper
88 100
43 30.3 24.4 36.6
58 72.0 56.5 84.7



#50
Toluene-d8
Concen: 4.968 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 98 Resp: 22838
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 26.648 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

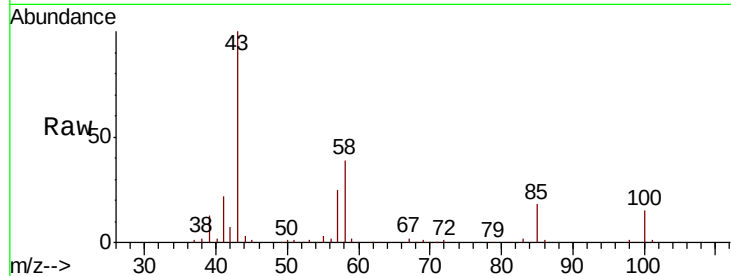
VSTDIC005

Tgt Ion: 43 Resp: 56527

Ion Ratio Lower Upper

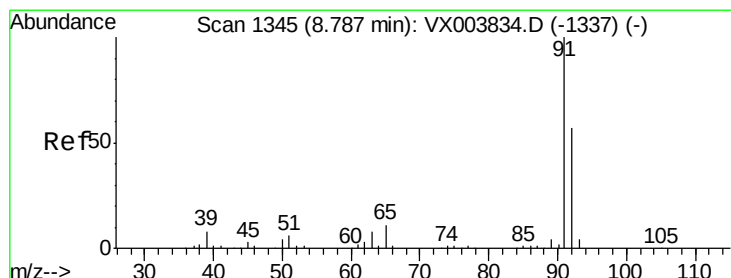
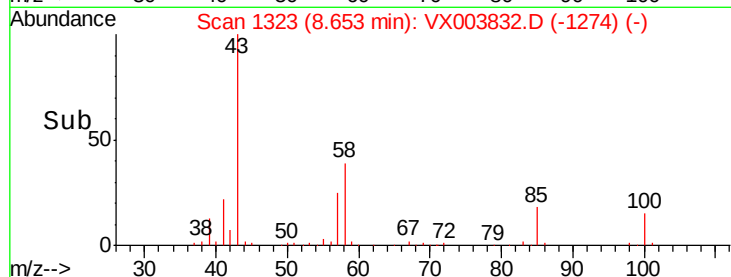
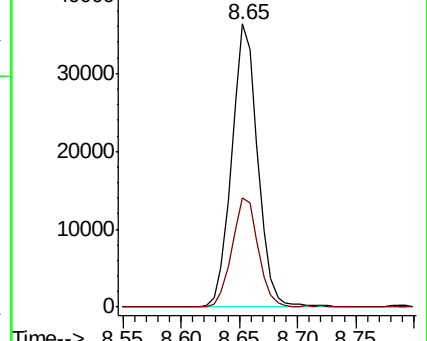
43 100

58 38.8 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.886 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003832.D

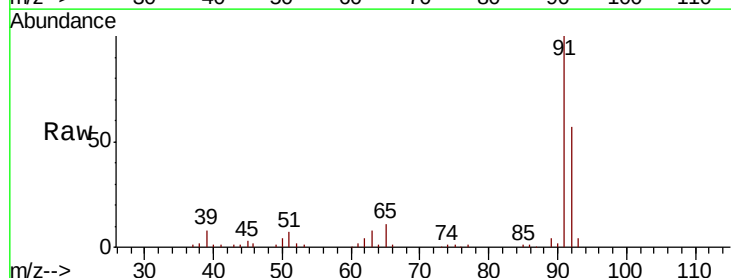
Acq: 02 Aug 2018 19:22

Tgt Ion: 92 Resp: 15476

Ion Ratio Lower Upper

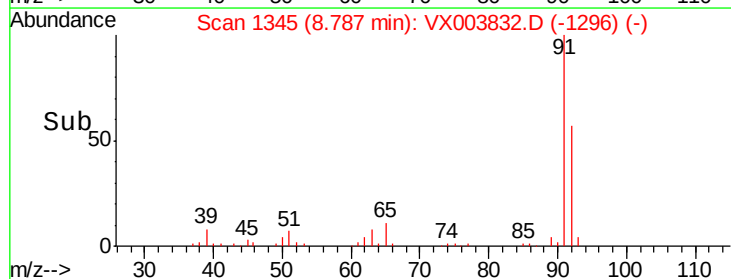
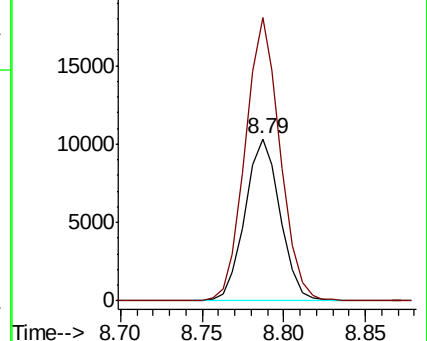
92 100

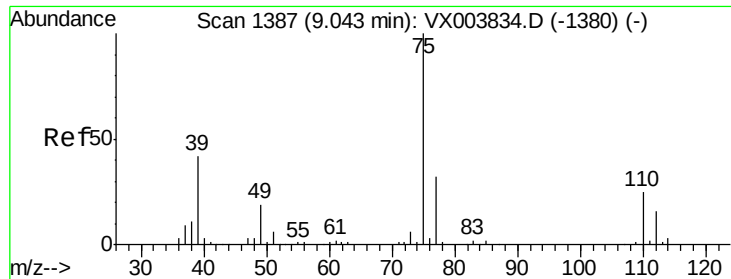
91 173.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

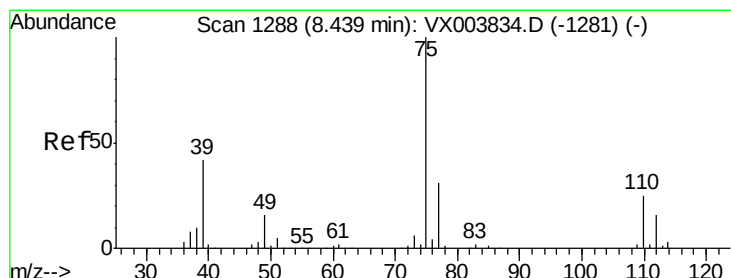
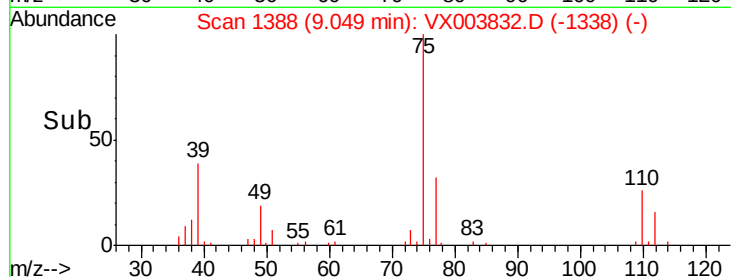
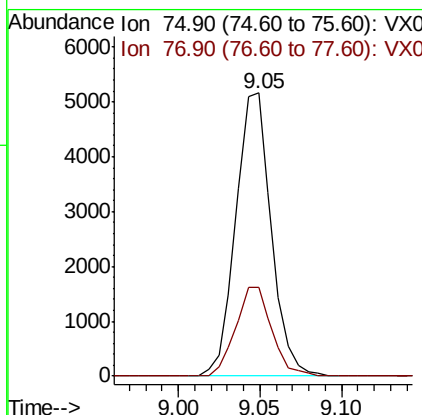
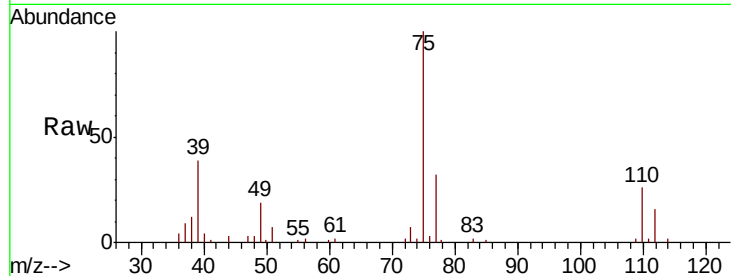




#53
t-1,3-Dichloropropene
Concen: 4.406 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

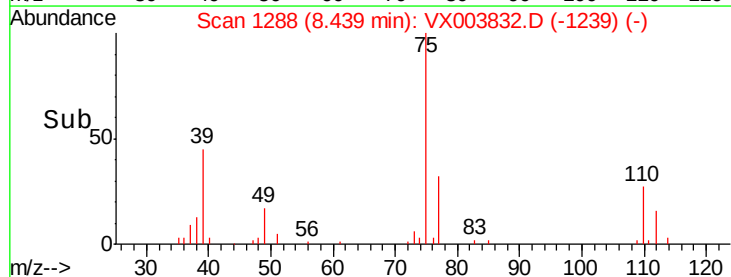
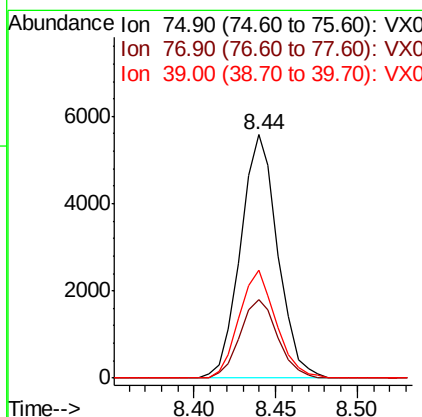
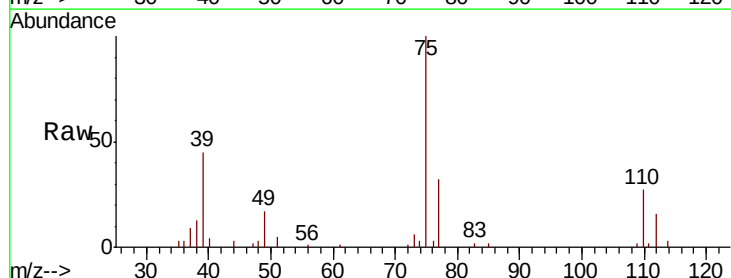
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

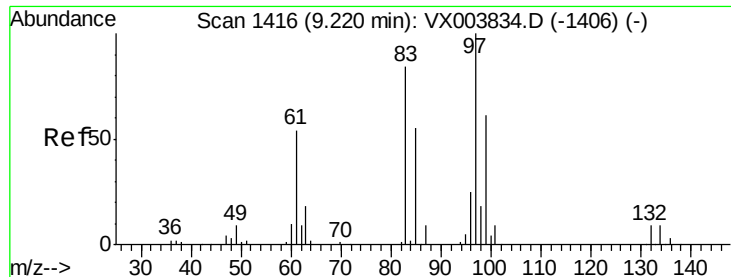
Tgt Ion: 75 Resp: 7786
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 4.558 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 75 Resp: 8840
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 44.6 33.5 50.3

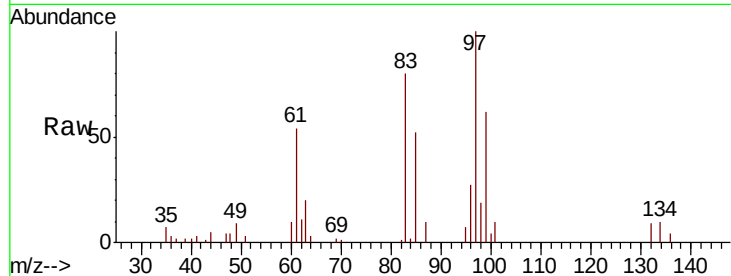




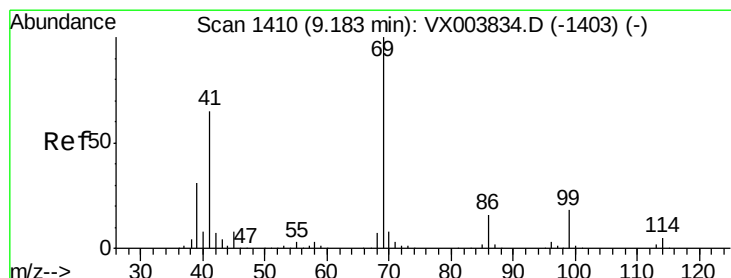
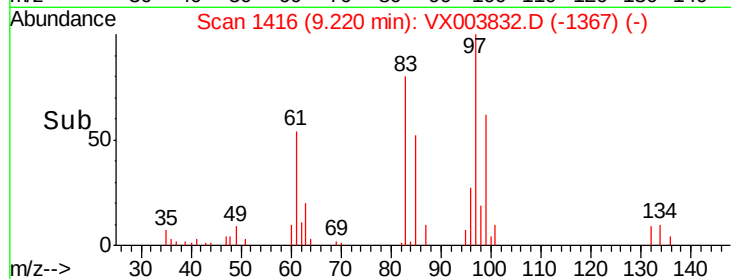
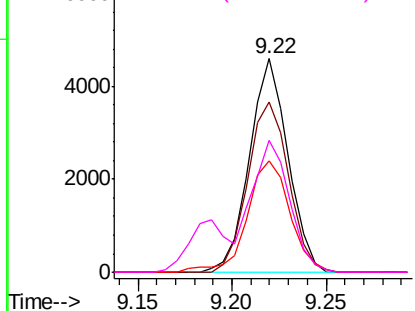
#55
 1,1,2-Trichloroethane
 Concen: 4.990 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	6518
Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.4	101.2
85	52.4	43.9	65.9
99	62.0	49.0	73.6

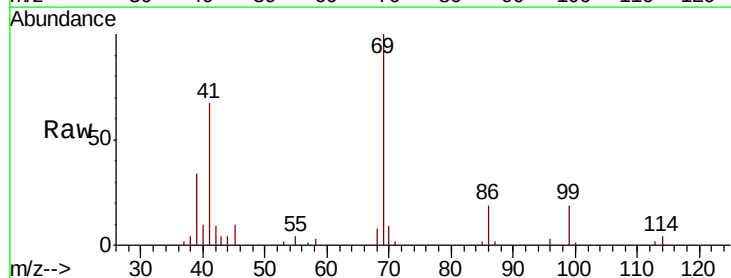


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

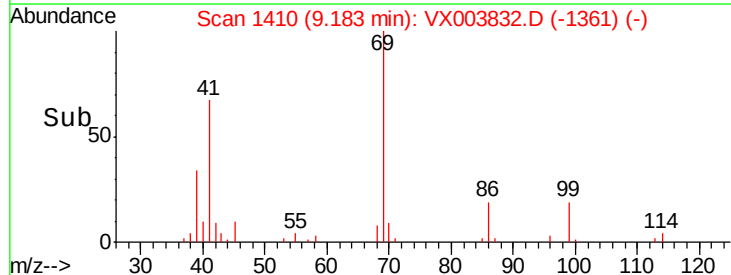
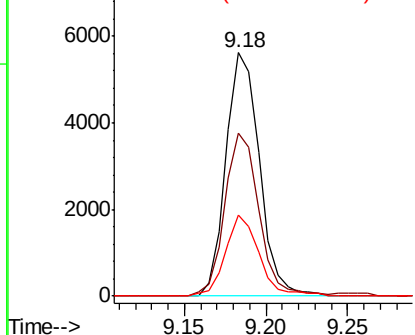


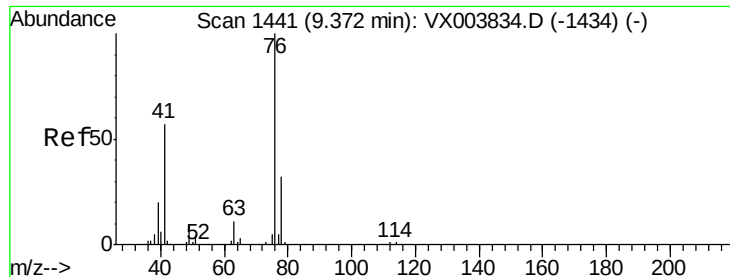
#56
 Ethyl methacrylate
 Concen: 4.168 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion:	69	Resp:	8060
Ion	Ratio	Lower	Upper
69	100		
41	67.9	51.1	76.7
39	33.5	24.7	37.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 4.851 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

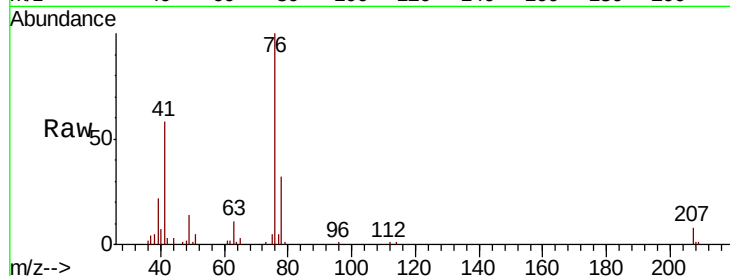
VSTDIC005

Tgt Ion: 76 Resp: 10622

Ion Ratio Lower Upper

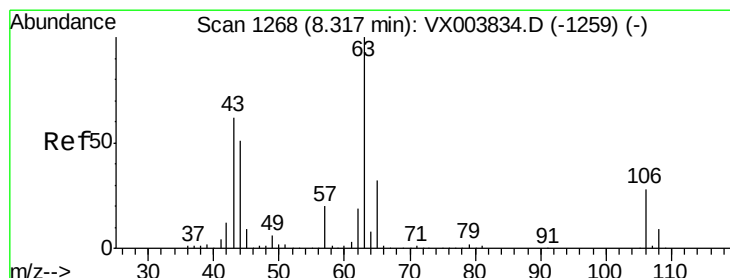
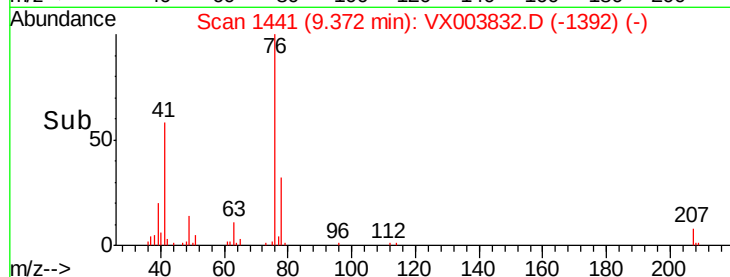
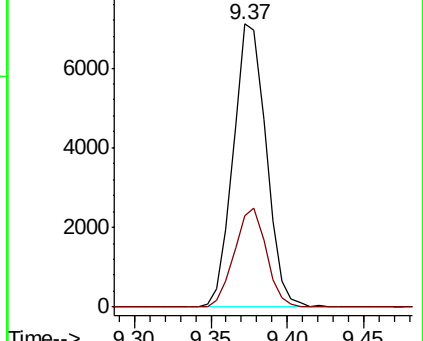
76 100

78 33.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 21.247 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003832.D

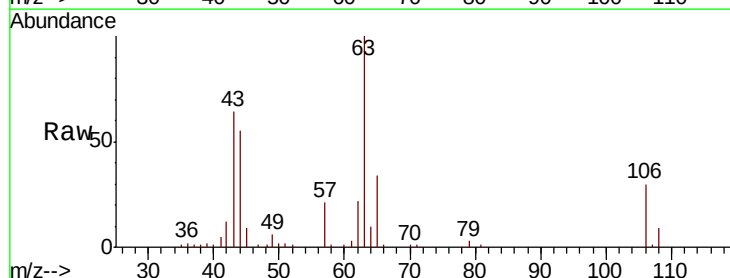
Acq: 02 Aug 2018 19:22

Tgt Ion: 63 Resp: 20755

Ion Ratio Lower Upper

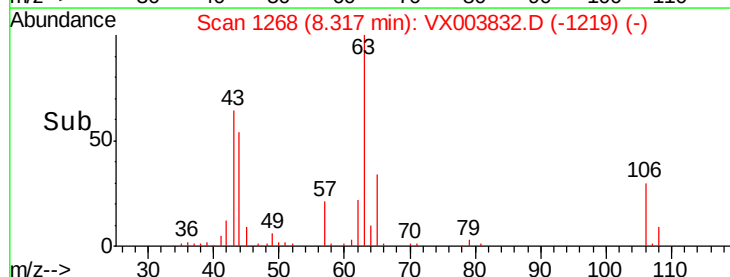
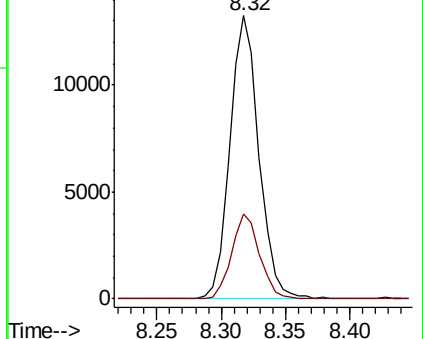
63 100

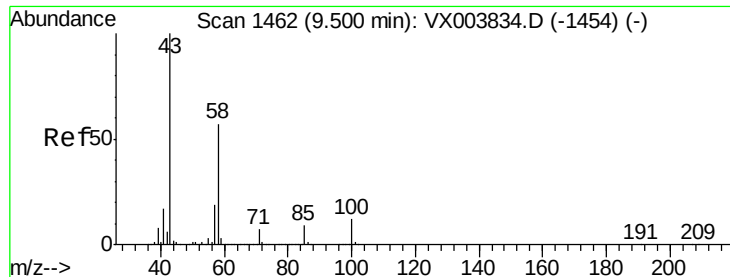
106 28.9 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

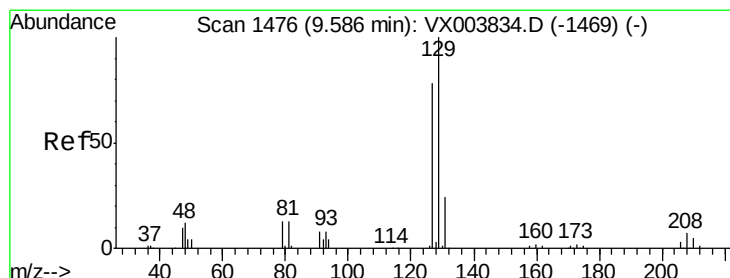
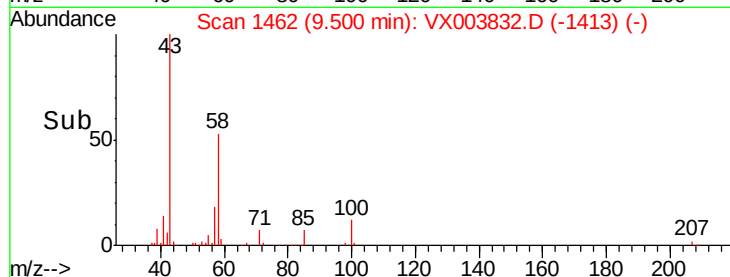
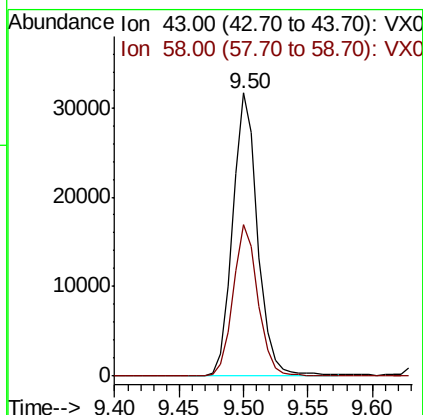
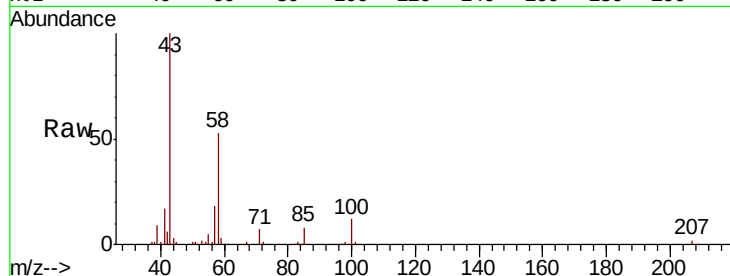




#59
2-Hexanone
Concen: 26.322 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

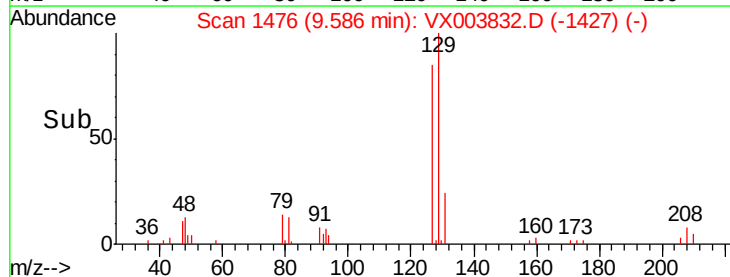
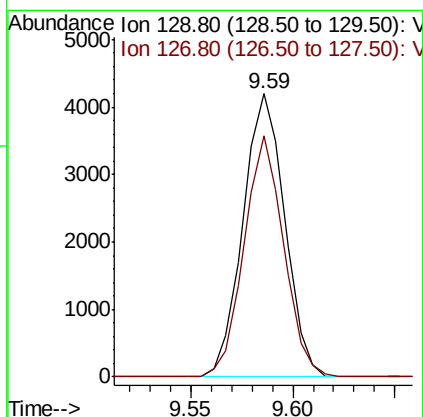
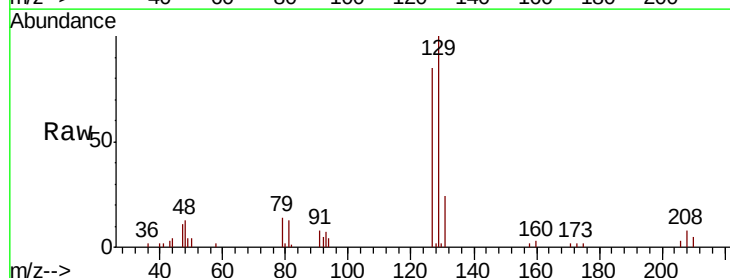
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

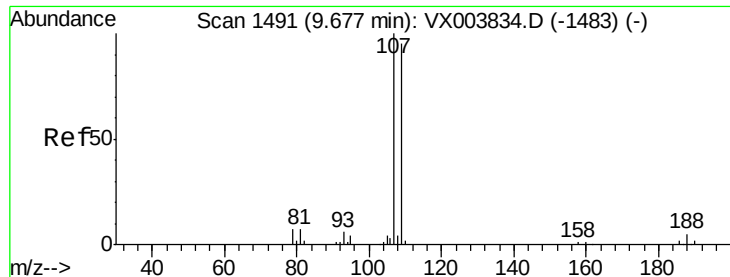
Tgt Ion: 43 Resp: 42782
Ion Ratio Lower Upper
43 100
58 53.6 28.2 84.7



#60
Dibromochloromethane
Concen: 4.786 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 129 Resp: 5959
Ion Ratio Lower Upper
129 100
127 80.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 4.853 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

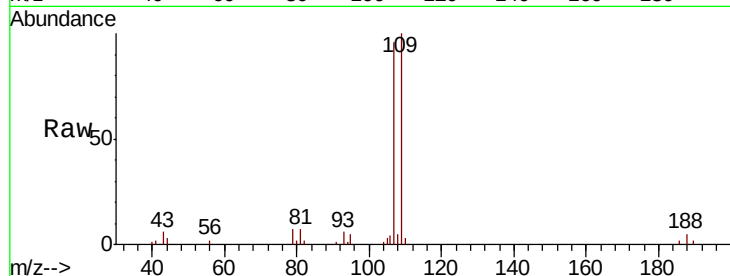
VSTDIC005

Tgt Ion: 107 Resp: 6617

Ion Ratio Lower Upper

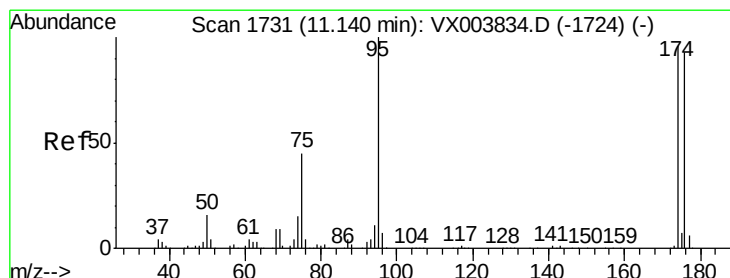
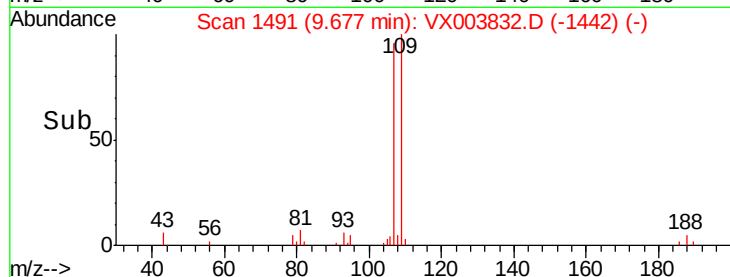
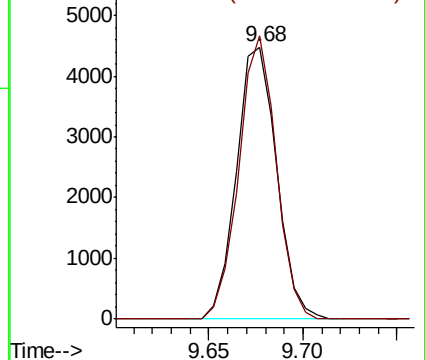
107 100

109 96.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.582 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

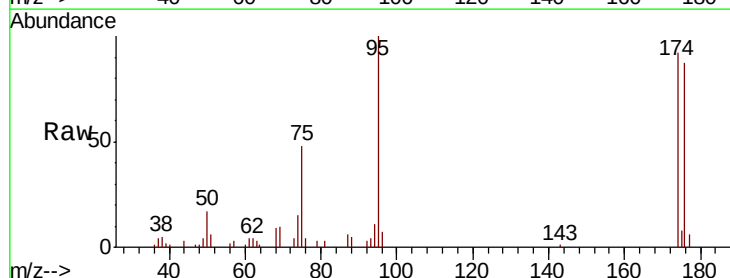
Tgt Ion: 95 Resp: 7693

Ion Ratio Lower Upper

95 100

174 93.7 0.0 192.2

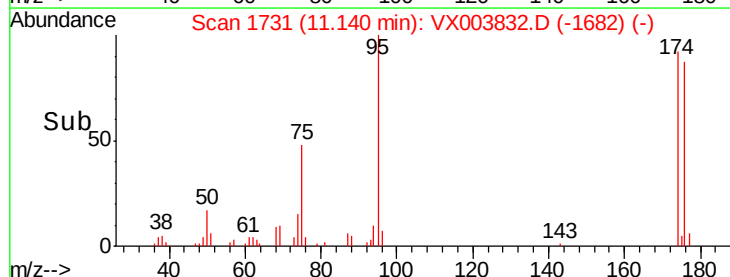
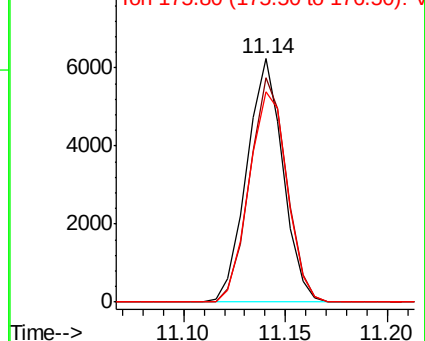
176 91.7 0.0 185.8

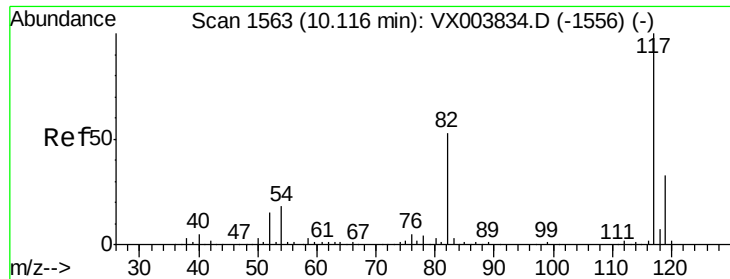


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

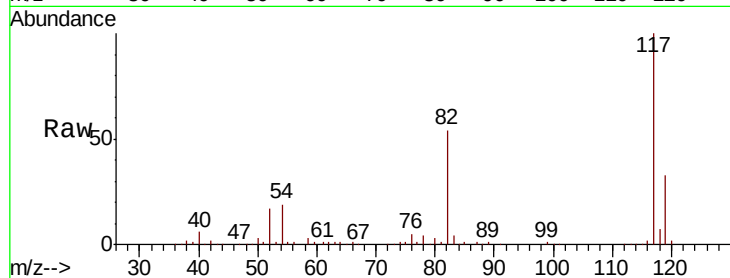
Tgt Ion:117 Resp: 142071

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.4

119 32.8 26.2 39.2

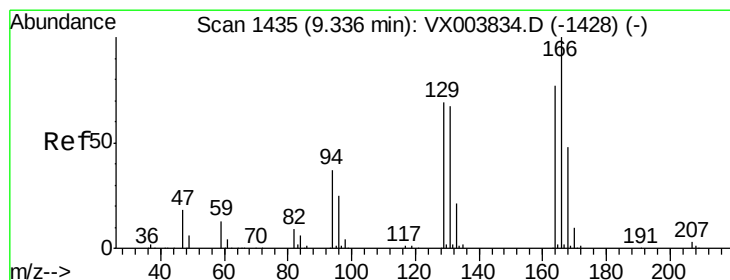
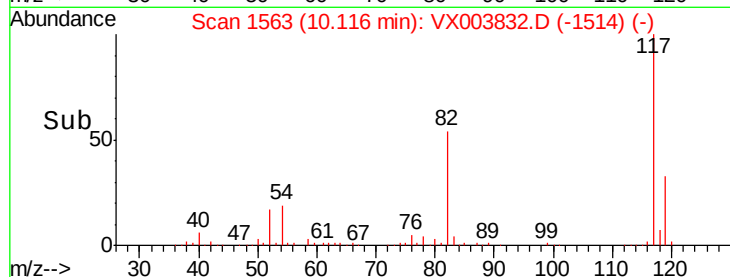
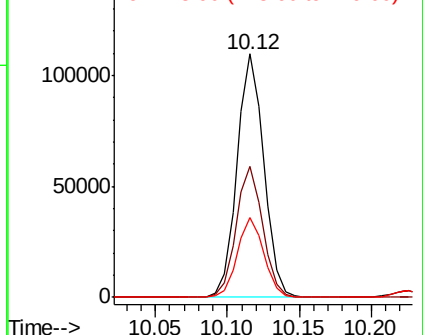


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 5.278 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Tgt Ion:164 Resp: 6751

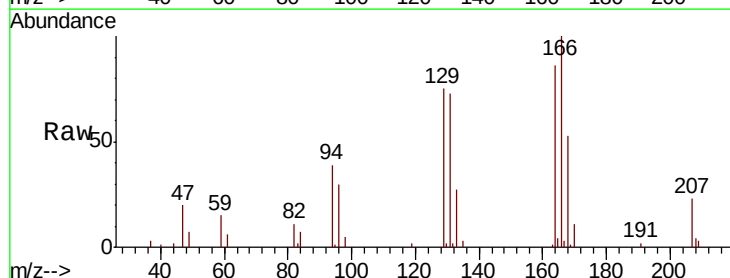
Ion Ratio Lower Upper

164 100

166 116.7 103.7 155.5

129 87.4 71.9 107.9

131 85.4 69.4 104.2



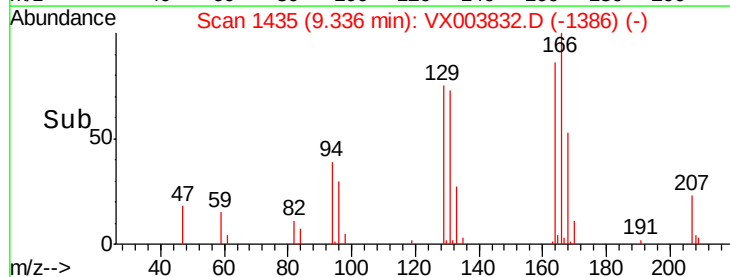
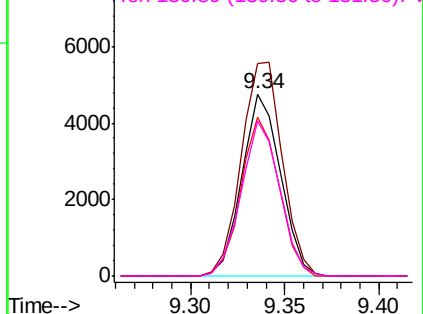
Abundance

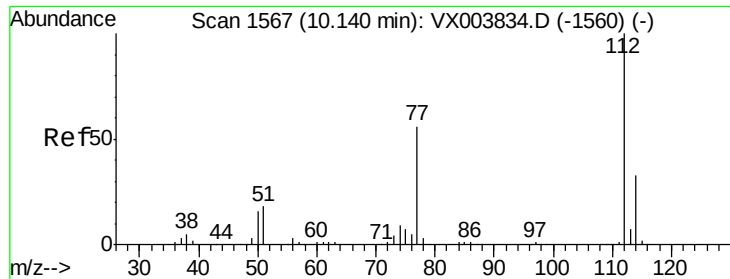
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.007 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

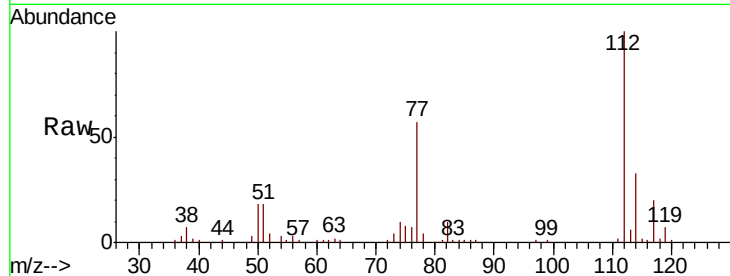
VSTDIC005

Tgt Ion:112 Resp: 17859

Ion Ratio Lower Upper

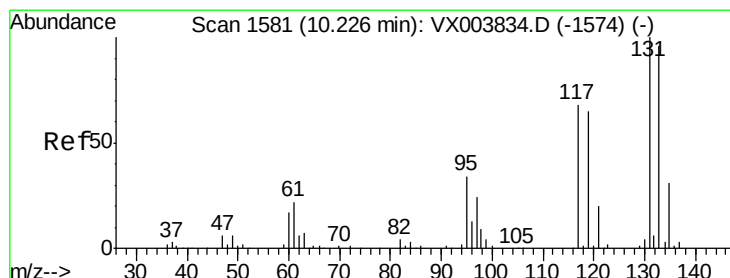
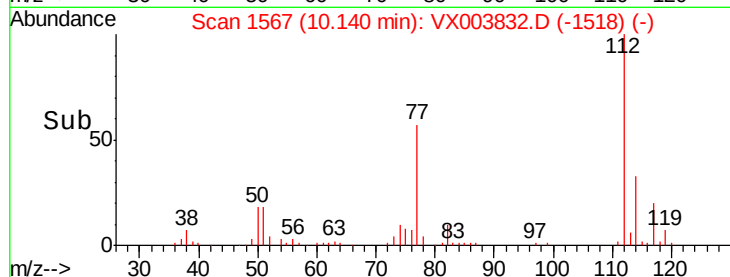
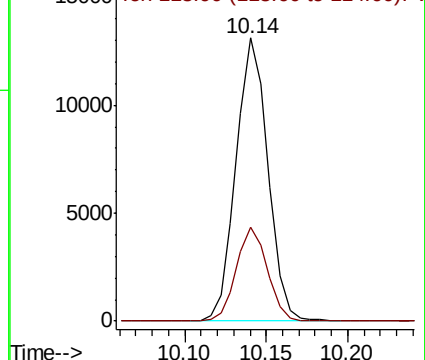
112 100

114 33.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.903 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

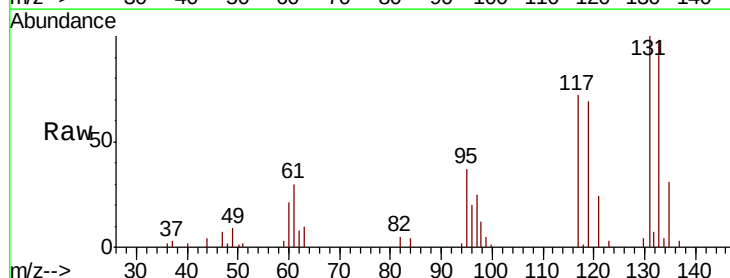
Tgt Ion:131 Resp: 6107

Ion Ratio Lower Upper

131 100

133 96.6 47.9 143.8

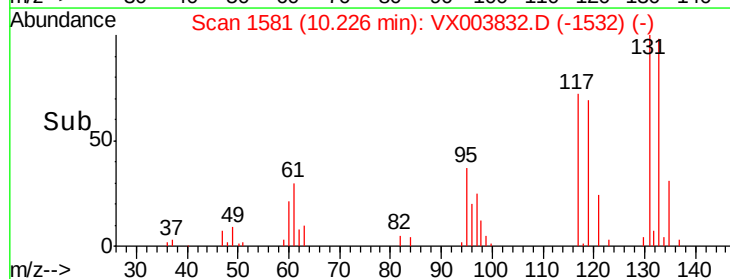
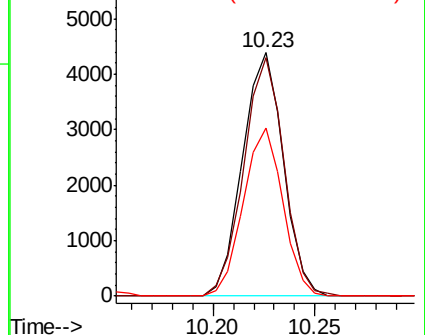
119 66.7 32.8 98.3

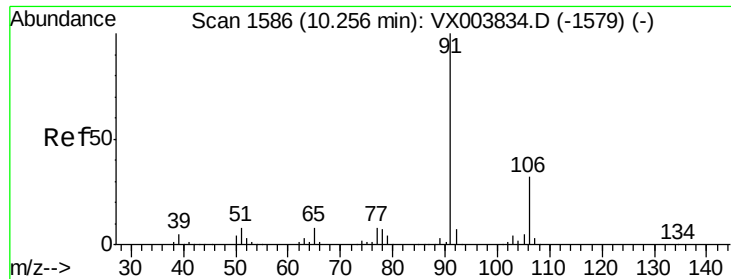


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

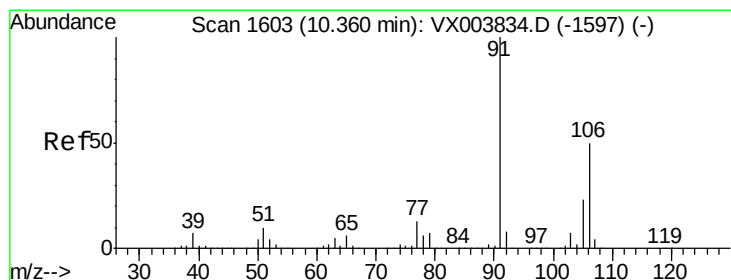
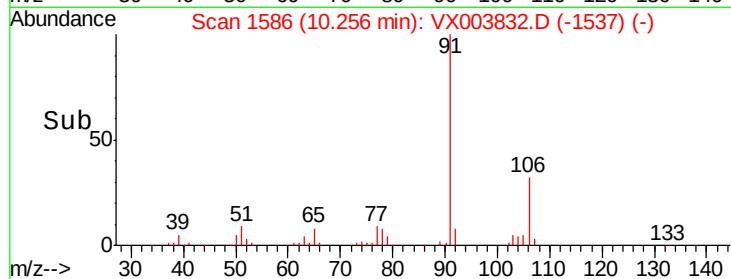
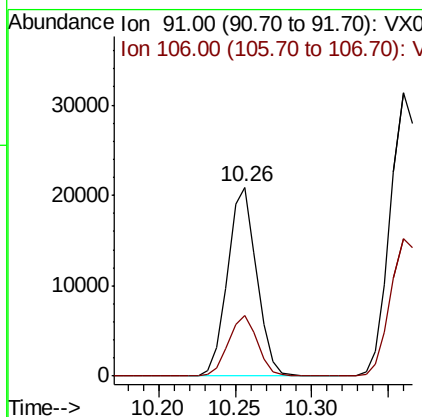
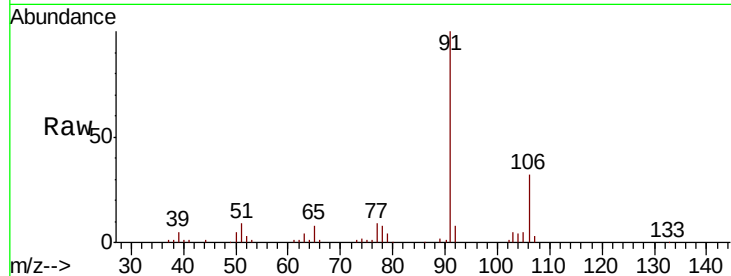




#67
Ethyl Benzene
Concen: 4.650 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

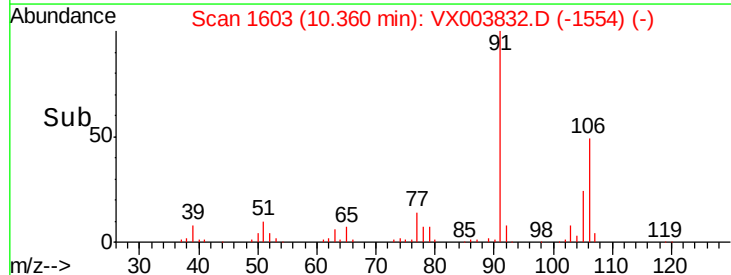
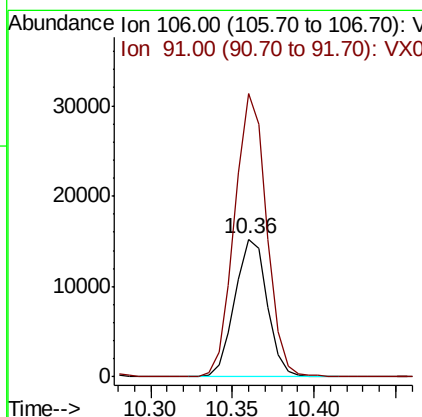
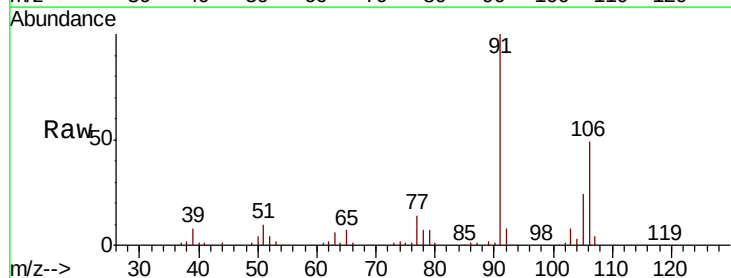
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

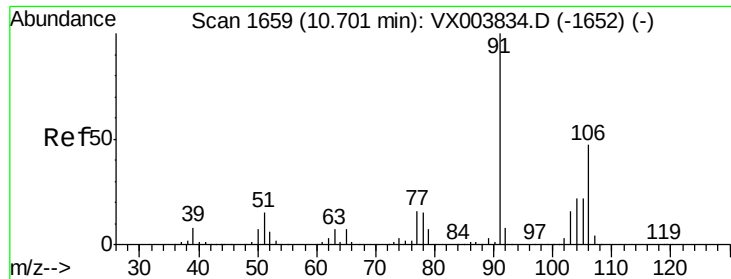
Tgt Ion: 91 Resp: 27429
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5



#68
m/p-Xylenes
Concen: 9.328 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 106 Resp: 21154
Ion Ratio Lower Upper
106 100
91 203.4 161.3 241.9

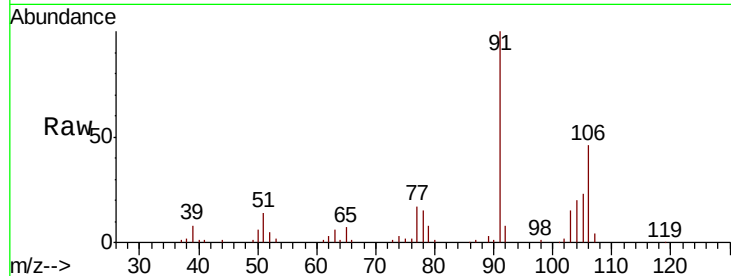




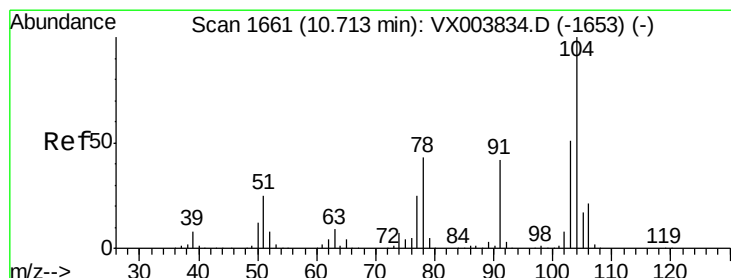
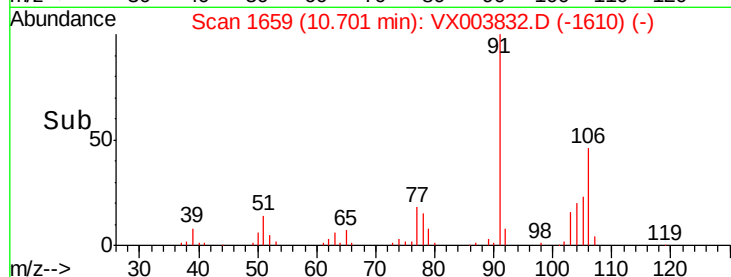
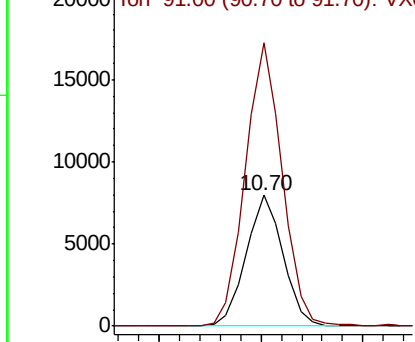
#69
o-Xylene
Concen: 4.563 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion:106 Resp: 10012
Ion Ratio Lower Upper
106 100
91 216.8 105.7 317.1

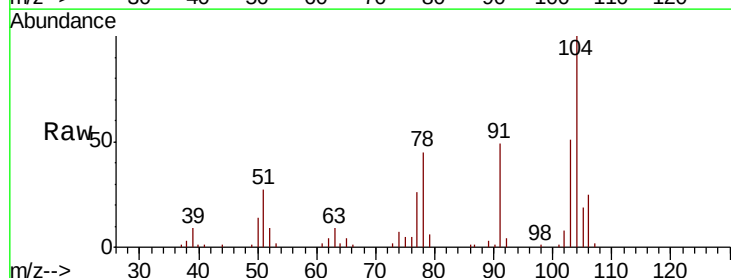


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

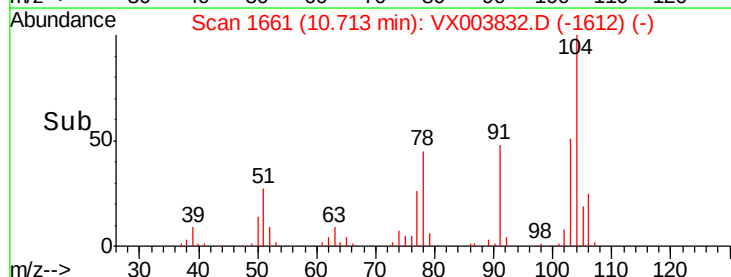
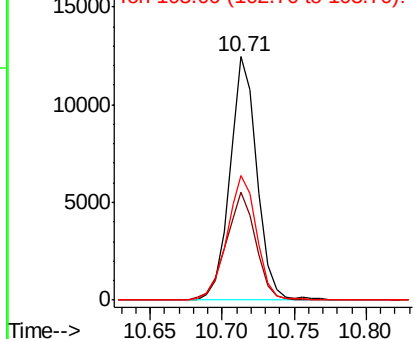


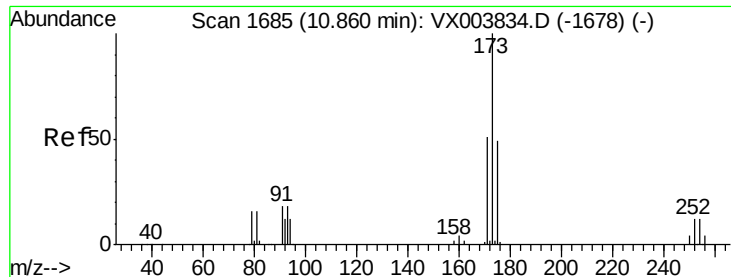
#70
Styrene
Concen: 4.431 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion:104 Resp: 16346
Ion Ratio Lower Upper
104 100
78 48.6 37.8 56.8
103 56.2 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: 4.675 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

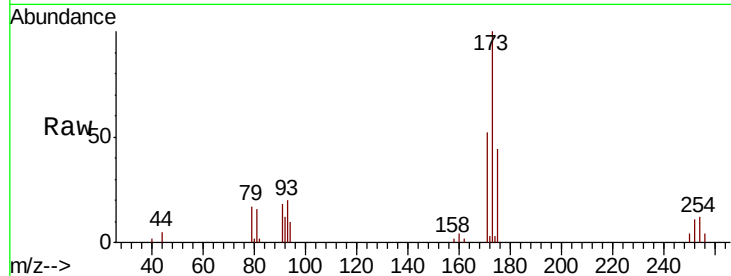
Tgt Ion:173 Resp: 4640

Ion Ratio Lower Upper

173 100

175 47.8 24.4 73.2

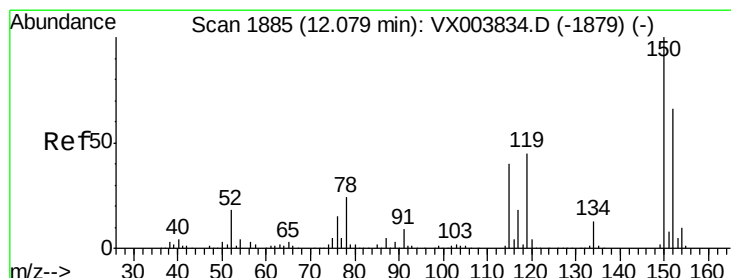
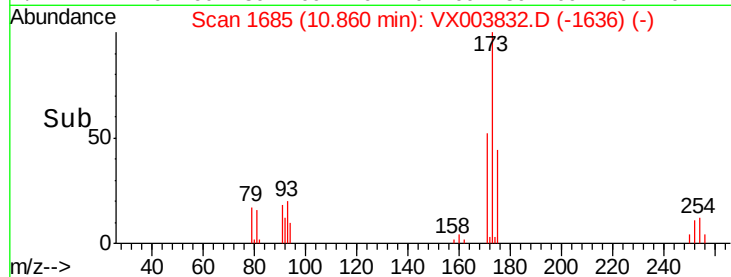
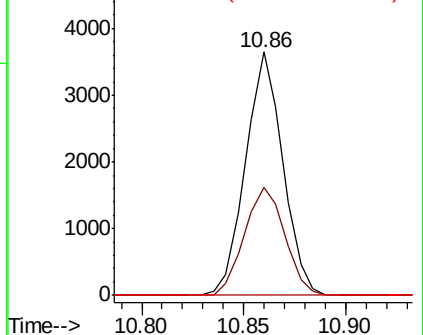
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

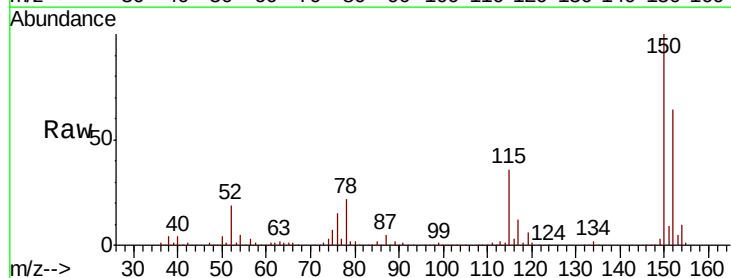
Tgt Ion:152 Resp: 83610

Ion Ratio Lower Upper

152 100

115 56.7 37.4 112.1

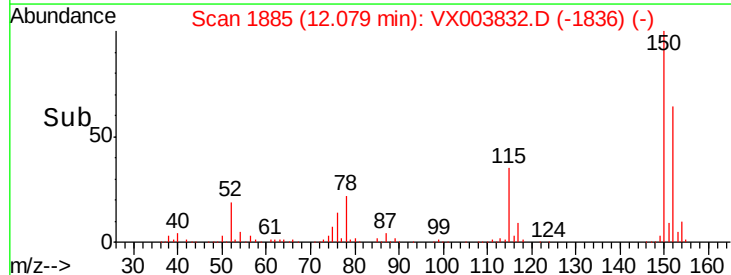
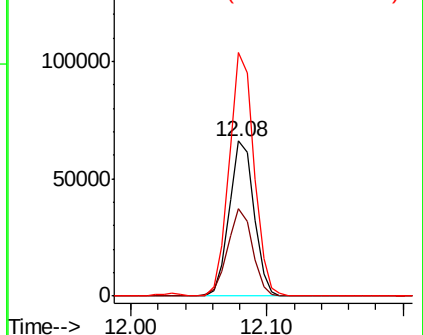
150 157.2 0.0 346.6

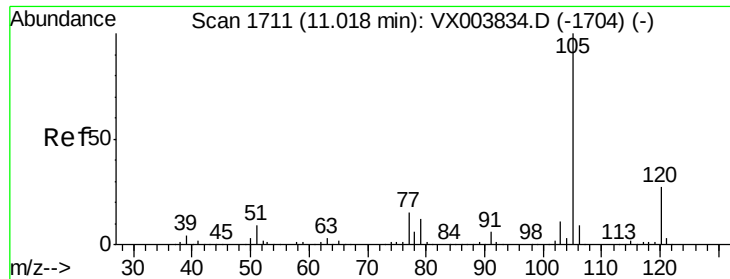


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.836 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

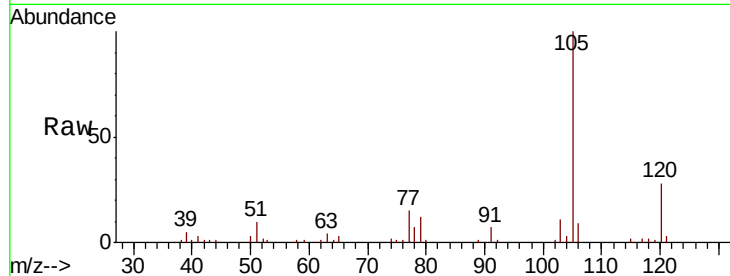
VSTDIC005

Tgt Ion:105 Resp: 27086

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

20000

15000

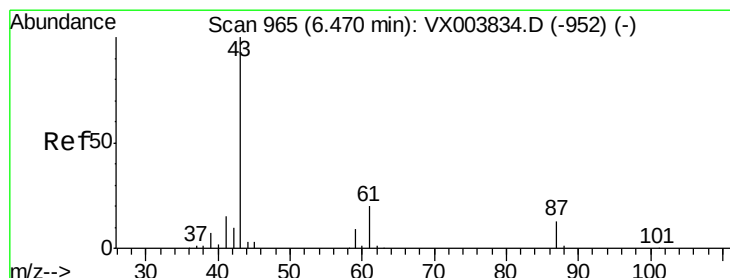
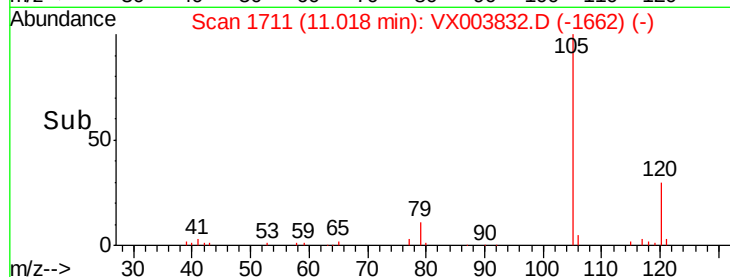
10000

5000

0

Time-->

10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 4.575 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Tgt Ion: 43 Resp: 13434

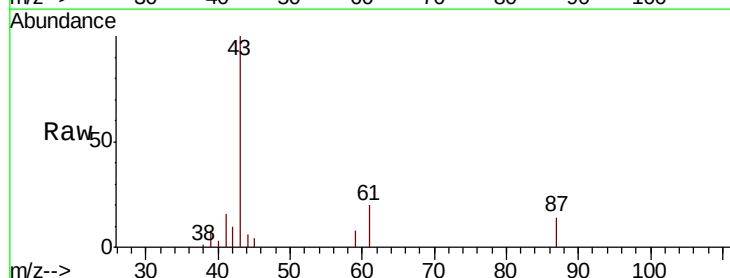
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.4 16.7 25.1



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

8000

6000

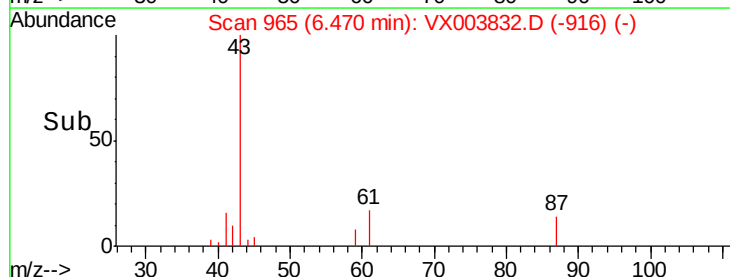
4000

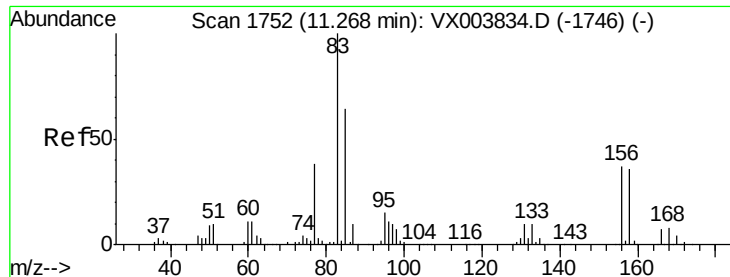
2000

0

Time-->

6.40 6.45 6.50 6.55 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 4.842 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

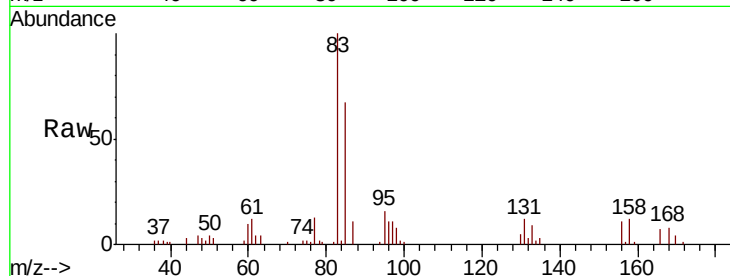
Tgt Ion: 83 Resp: 10157

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

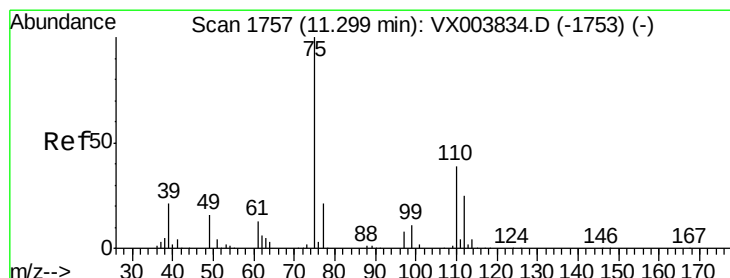
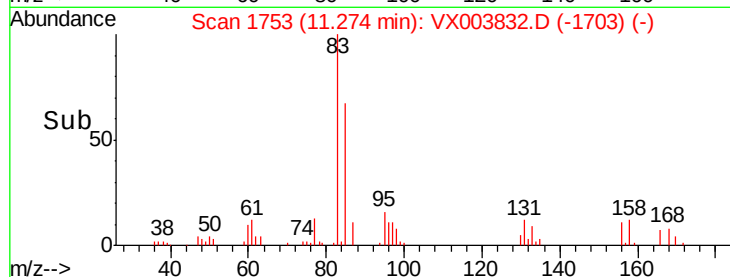
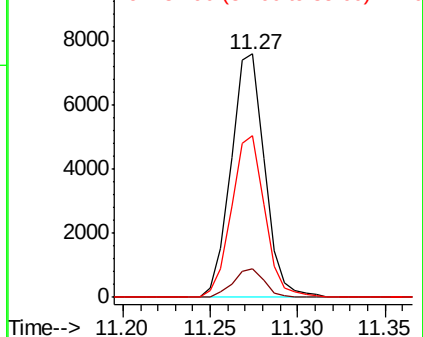
85 65.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.377 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003832.D

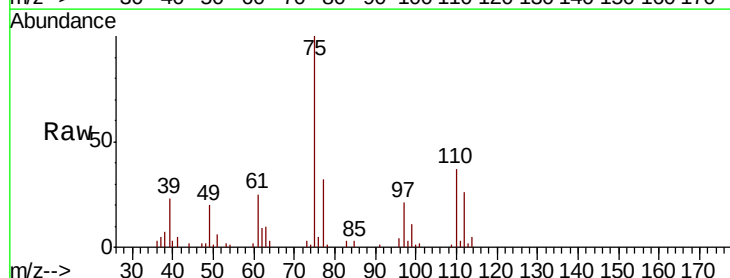
Acq: 02 Aug 2018 19:22

Tgt Ion: 75 Resp: 11162

Ion Ratio Lower Upper

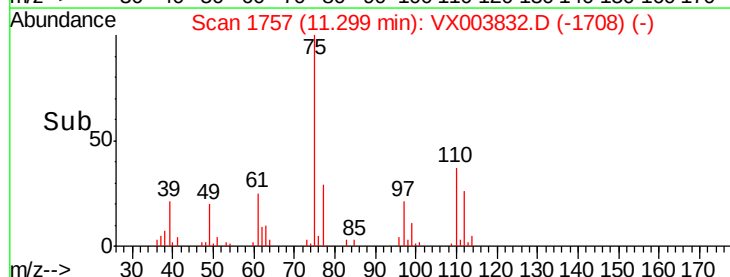
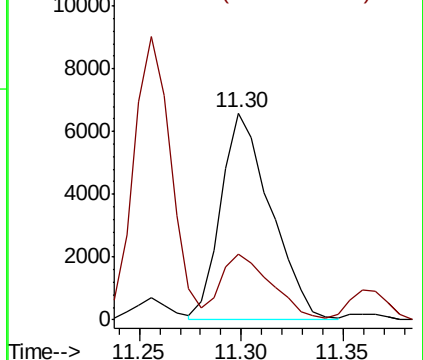
75 100

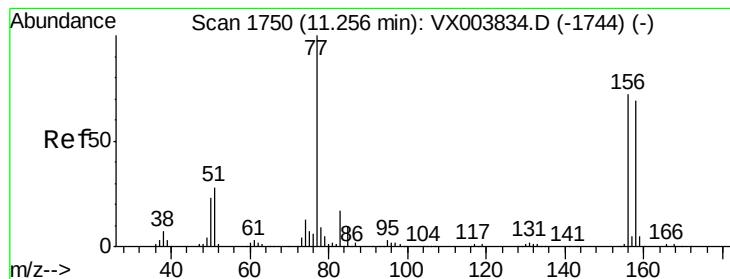
77 32.4 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.080 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

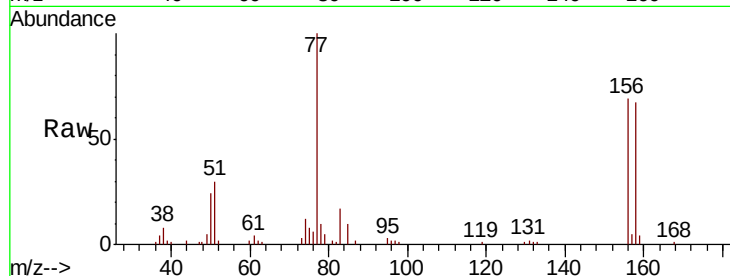
Tgt Ion:156 Resp: 7906

Ion Ratio Lower Upper

156 100

77 144.6 69.0 206.9

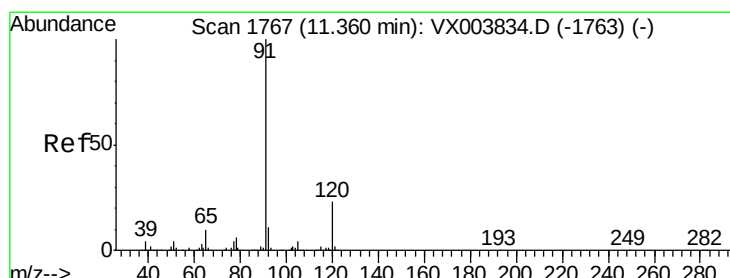
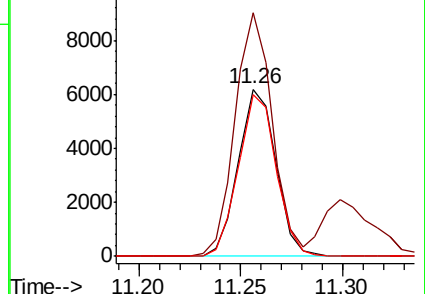
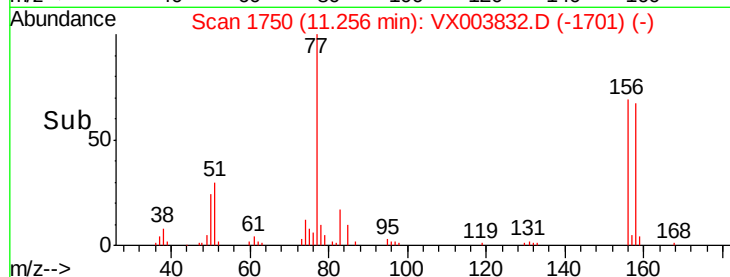
158 97.3 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.665 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003832.D

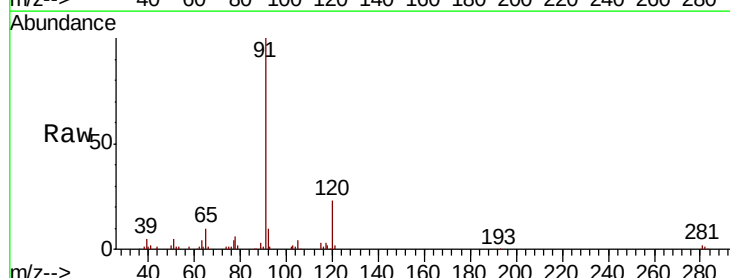
Acq: 02 Aug 2018 19:22

Tgt Ion: 91 Resp: 30059

Ion Ratio Lower Upper

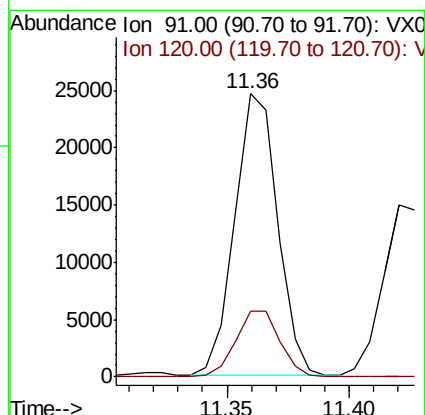
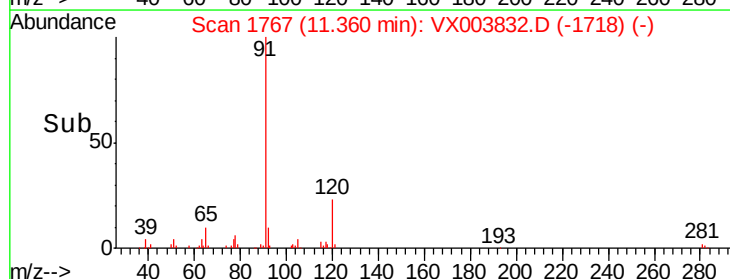
91 100

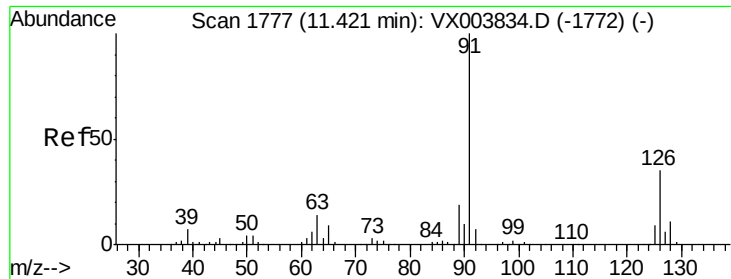
120 24.3 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

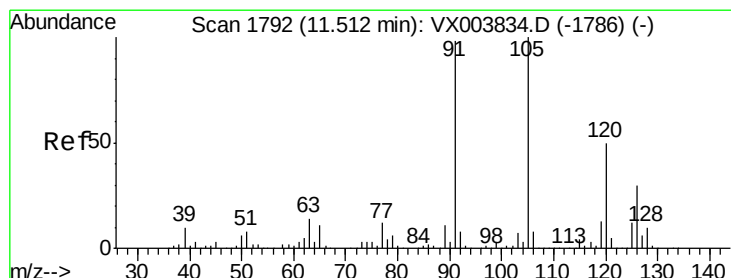
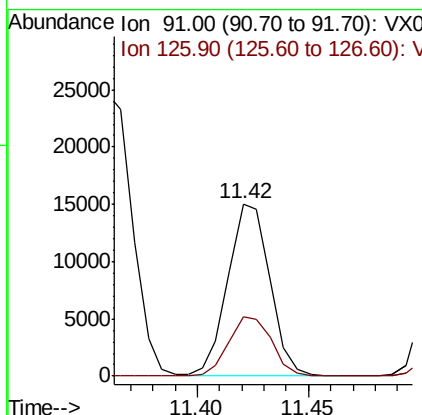
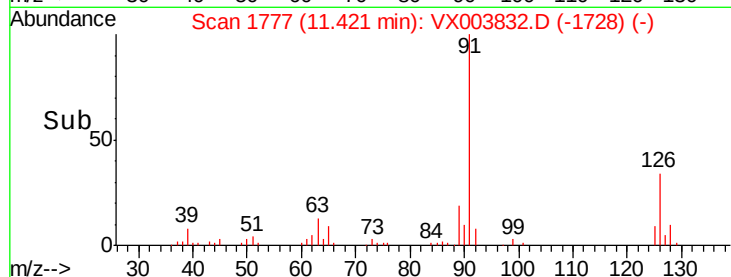
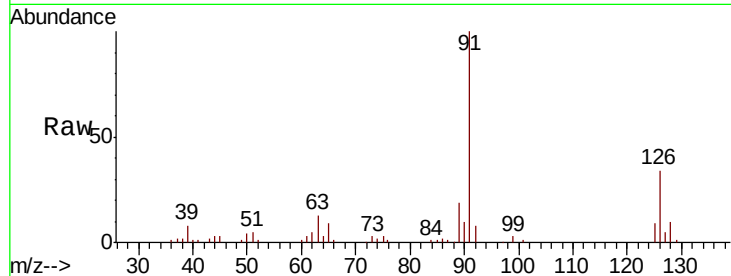




#79
 2-Chlorotoluene
 Concen: 4.942 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

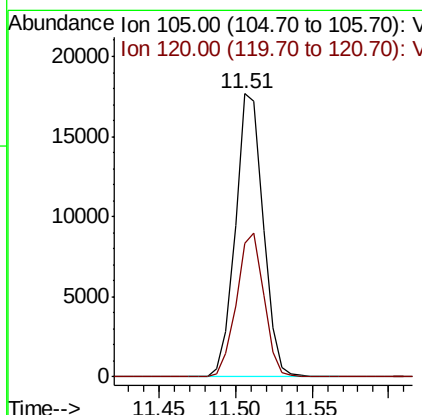
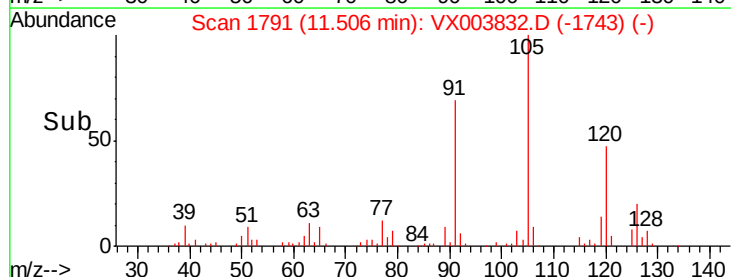
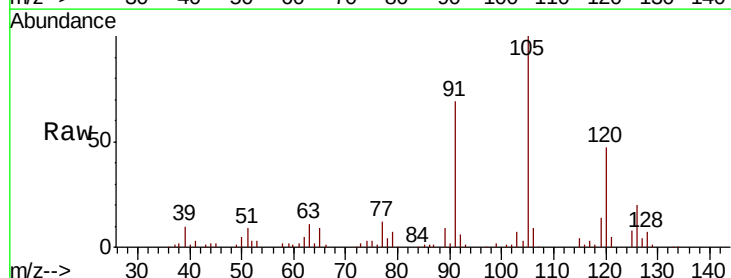
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

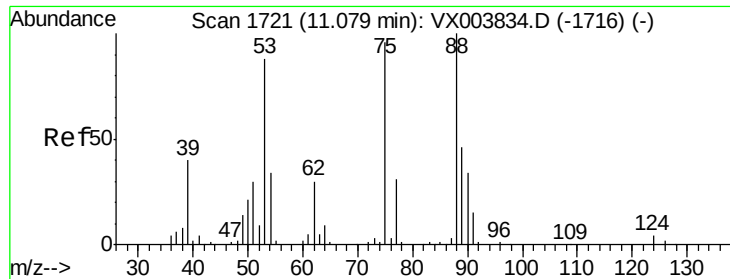
Tgt Ion: 91 Resp: 19576
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 4.683 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion: 105 Resp: 22285
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.168 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

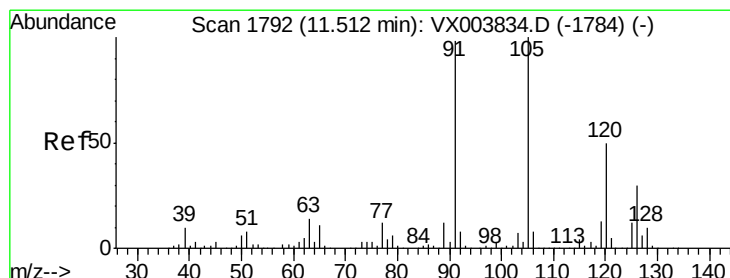
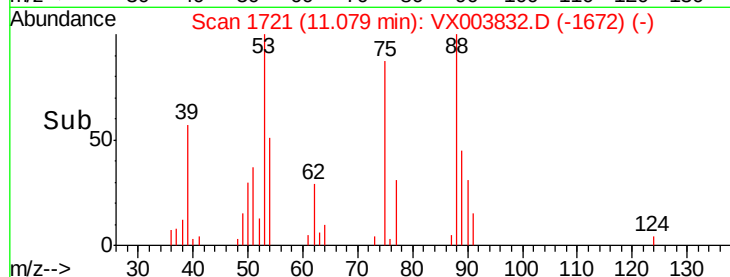
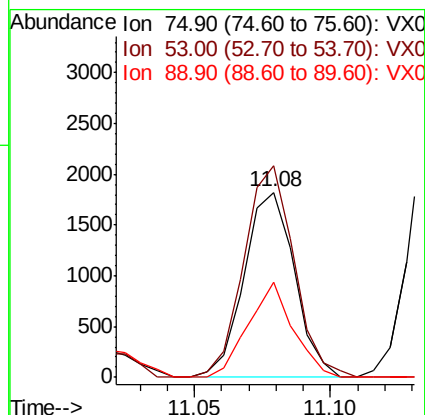
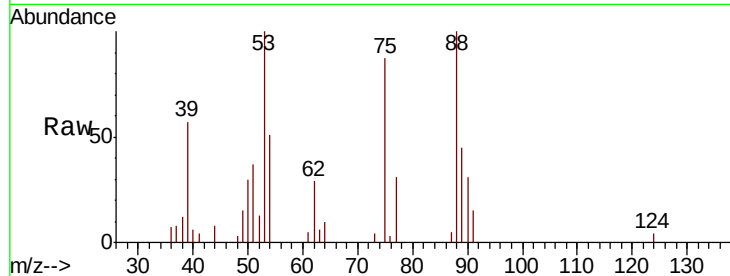
Tgt Ion: 75 Resp: 2342

Ion Ratio Lower Upper

75 100

53 113.7 74.9 112.3#

89 45.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 4.666 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003832.D

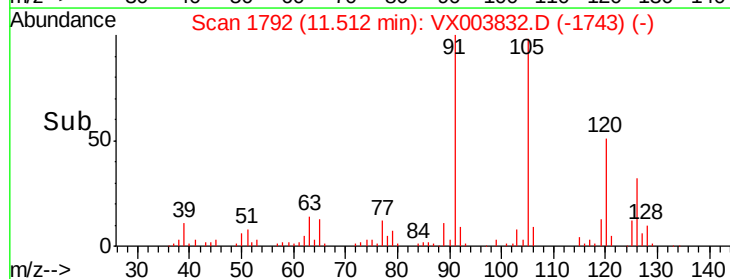
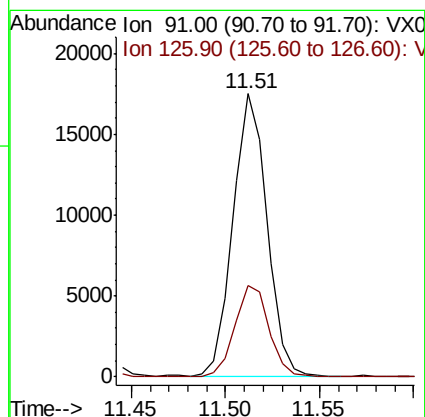
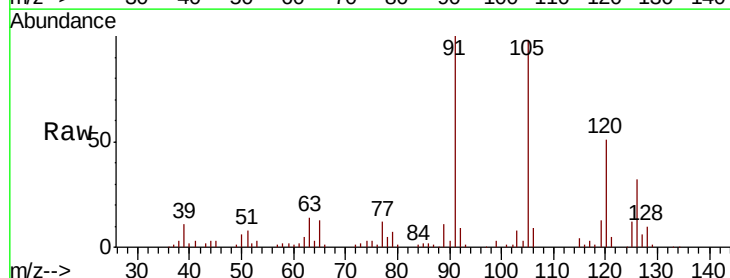
Acq: 02 Aug 2018 19:22

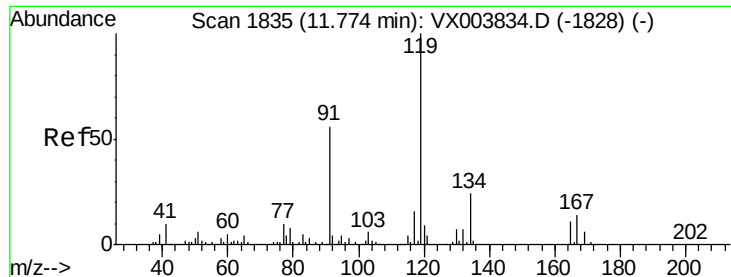
Tgt Ion: 91 Resp: 21759

Ion Ratio Lower Upper

91 100

126 32.6 16.0 47.9

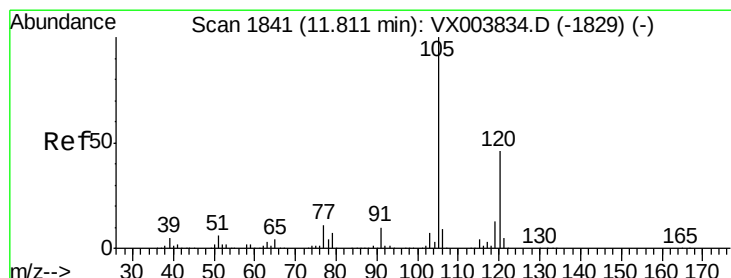
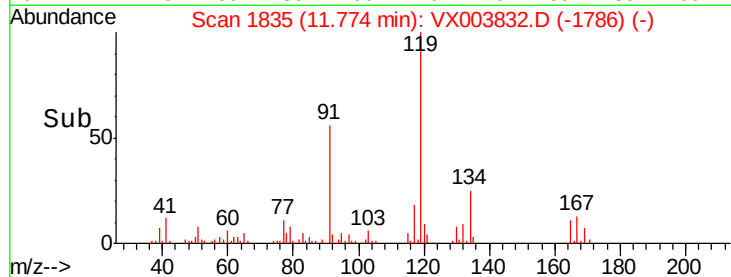
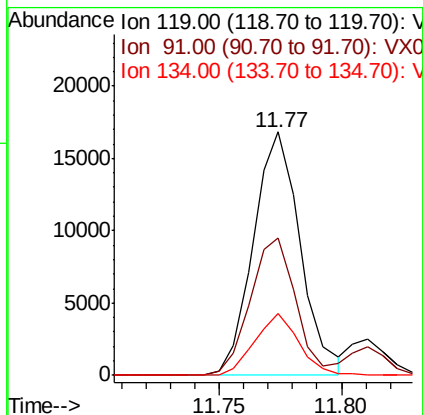
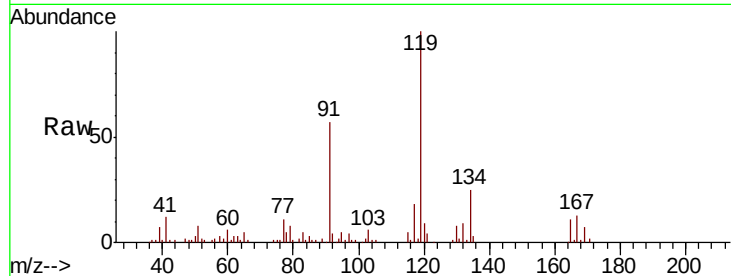




#83
 tert-Butylbenzene
 Concen: 4.853 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

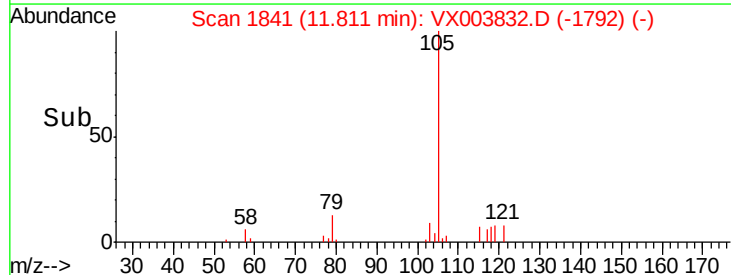
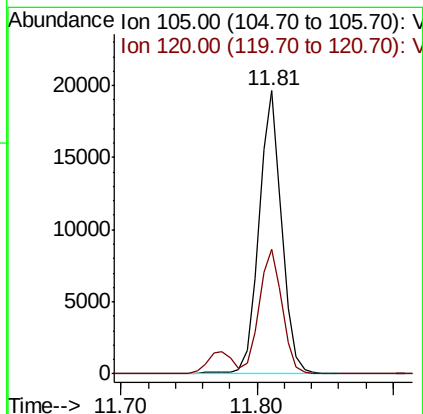
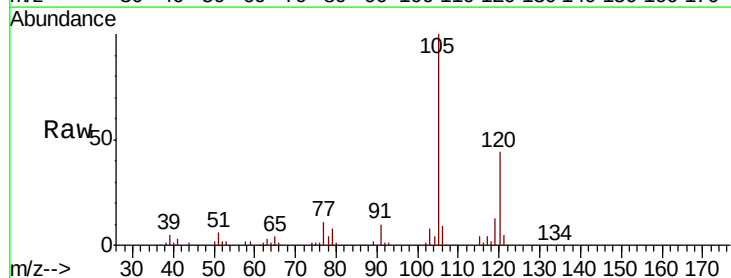
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

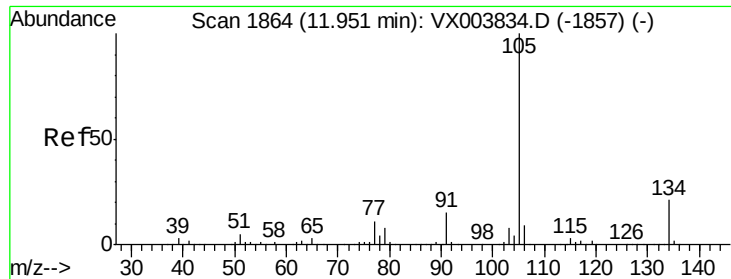
Tgt Ion:119 Resp: 22592
 Ion Ratio Lower Upper
 119 100
 91 54.1 26.6 79.7
 134 23.9 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.680 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion:105 Resp: 22962
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.5

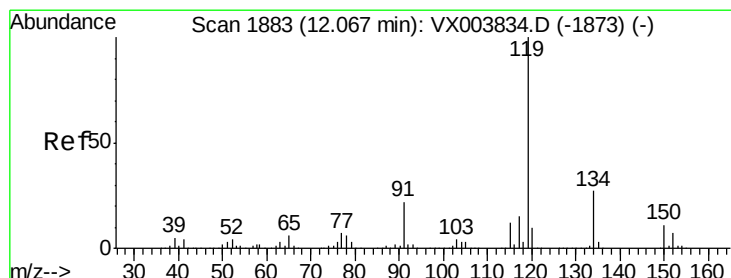
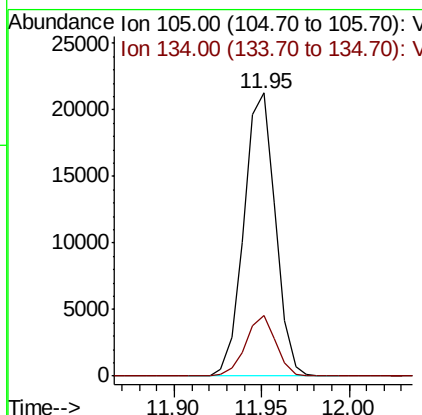
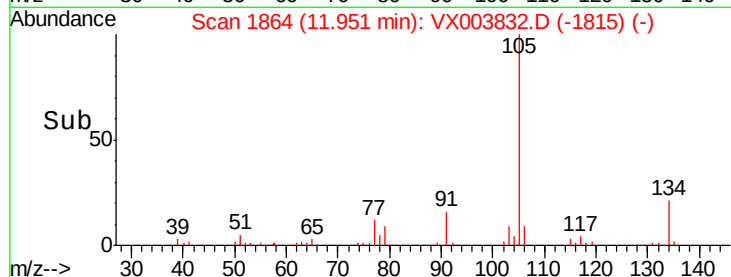
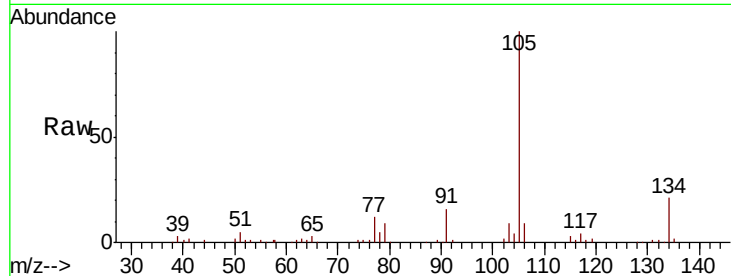




#85
 sec-Butylbenzene
 Concen: 4.834 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

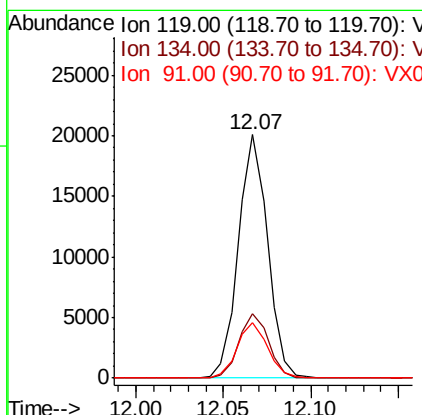
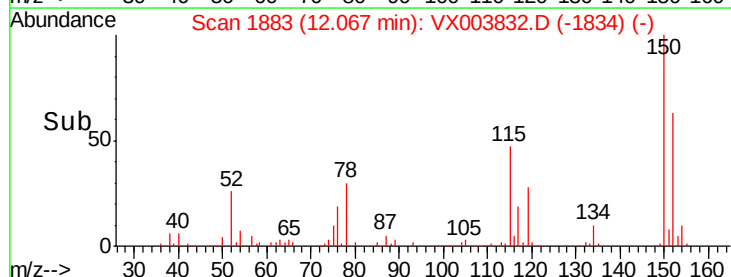
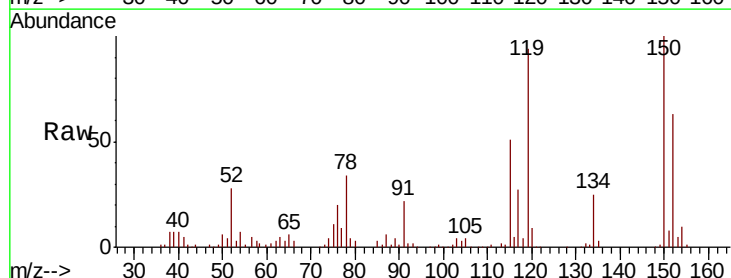
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

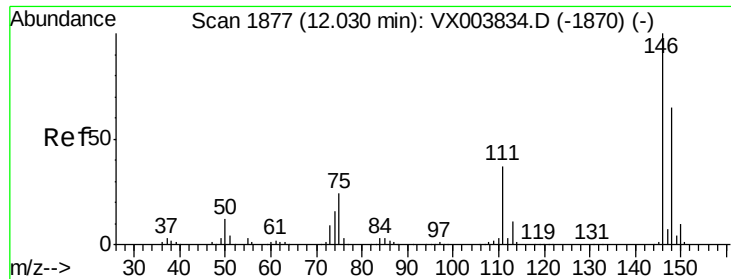
Tgt Ion:105 Resp: 26530
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 4.728 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion:119 Resp: 23408
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 23.7 11.1 33.1

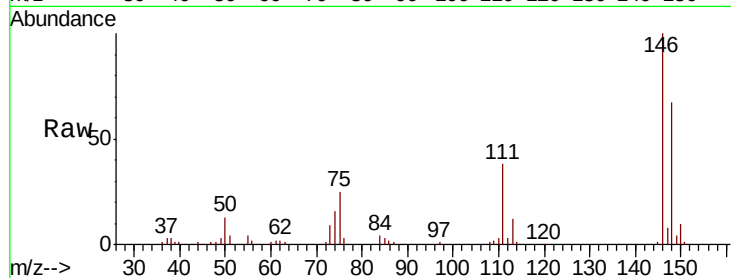




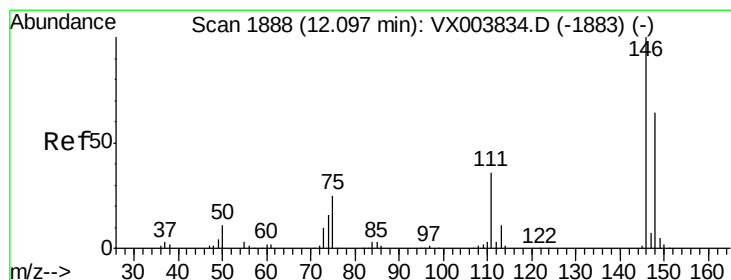
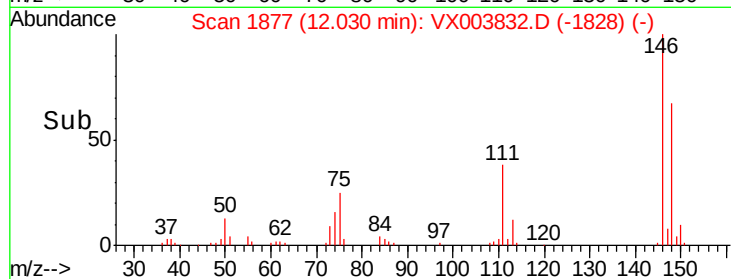
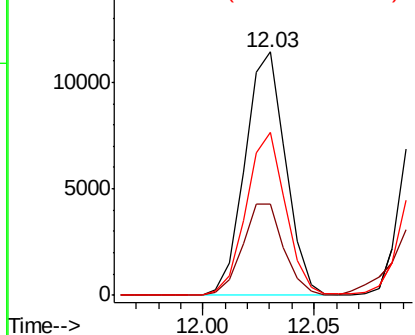
#87
 1,3-Dichlorobenzene
 Concen: 5.047 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 14546
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.8 56.4
 148 64.9 32.2 96.6

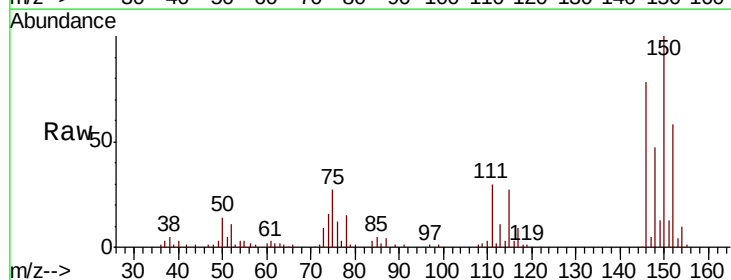


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

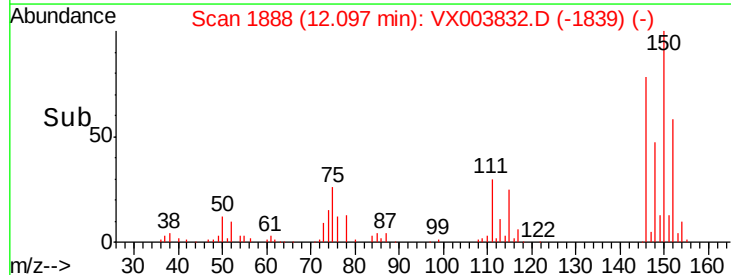
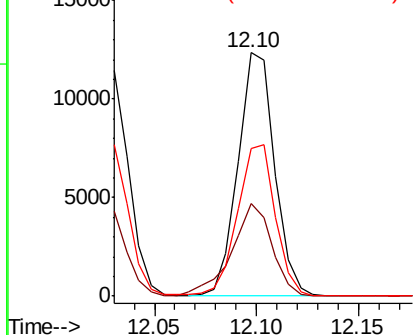


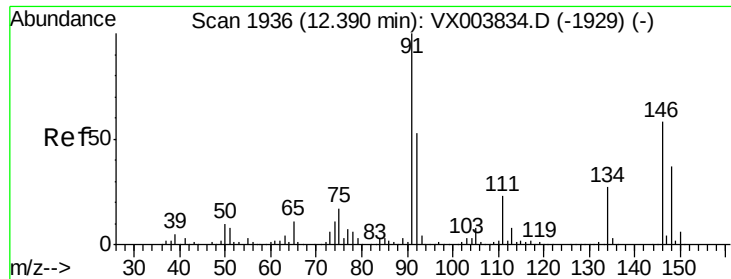
#88
 1,4-Dichlorobenzene
 Concen: 5.157 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion:146 Resp: 15464
 Ion Ratio Lower Upper
 146 100
 111 41.5 18.1 54.3
 148 64.5 32.1 96.5



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

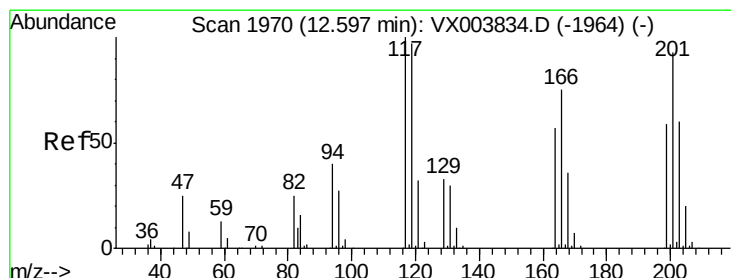
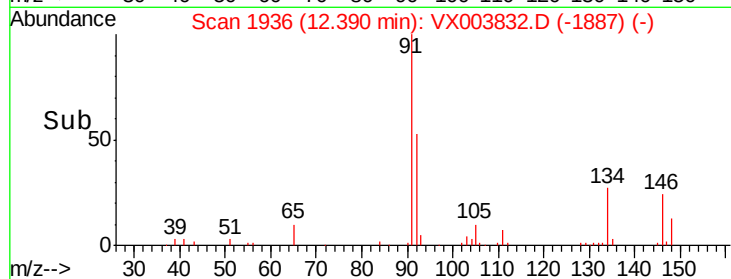
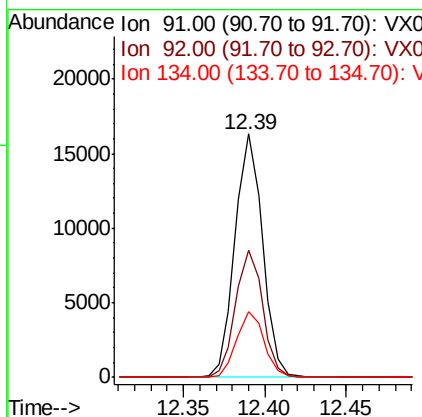
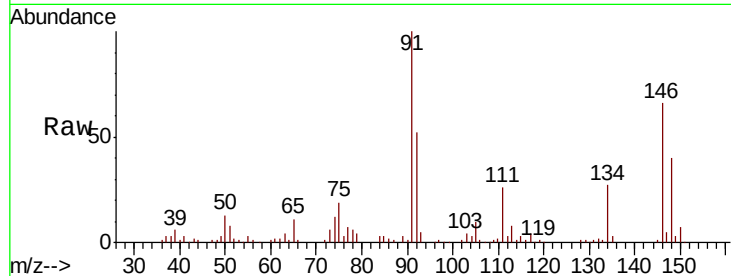




#89
n-Butylbenzene
Concen: 4.345 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

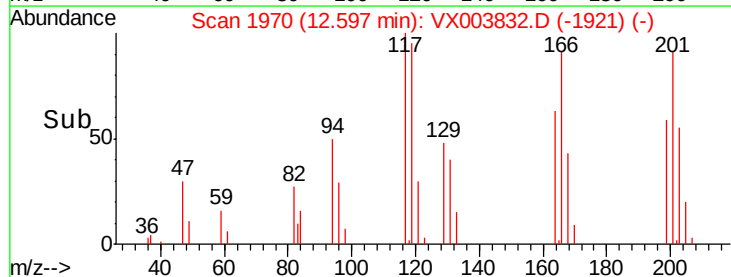
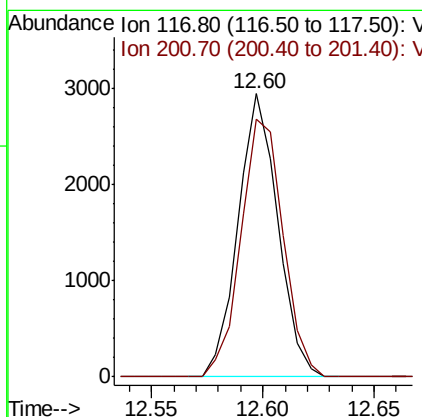
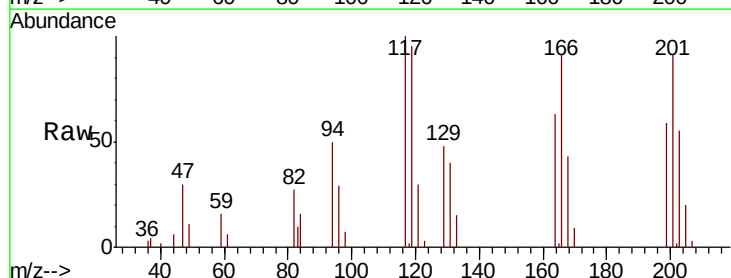
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

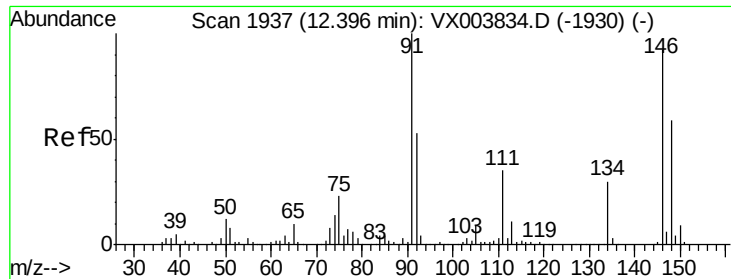
Tgt Ion: 91 Resp: 19230
Ion Ratio Lower Upper
91 100
92 51.3 26.3 78.9
134 26.7 13.7 41.0



#90
Hexachloroethane
Concen: 4.802 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion: 117 Resp: 3659
Ion Ratio Lower Upper
117 100
201 96.9 49.9 149.6





#91

1,2-Dichlorobenzene

Concen: 5.014 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

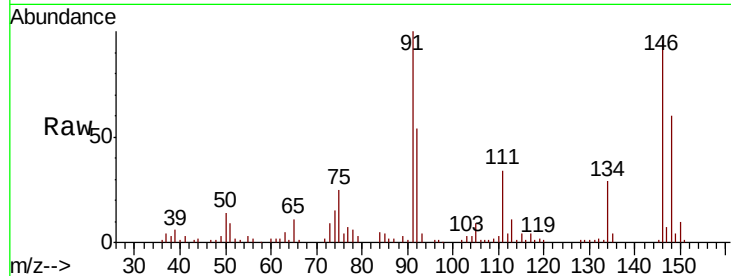
Tgt Ion:146 Resp: 14804

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

148 62.9 32.0 96.2

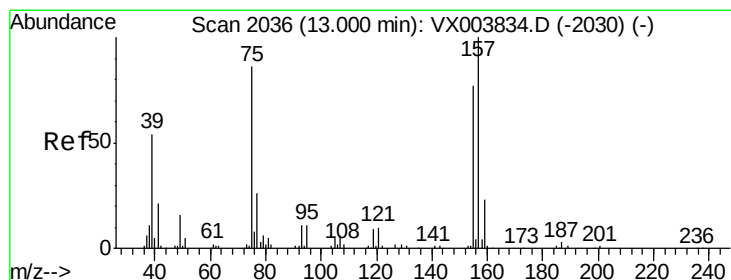
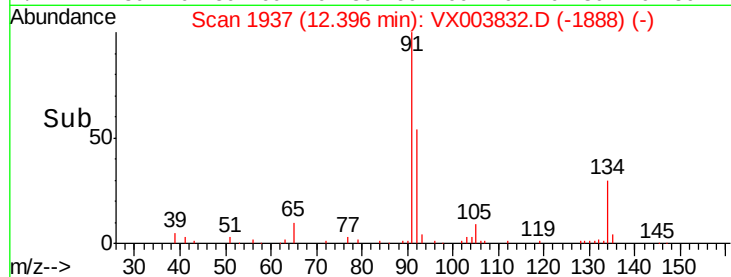
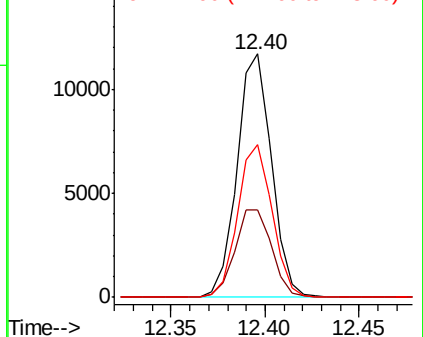


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.819 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX003832.D

Acq: 02 Aug 2018 19:22

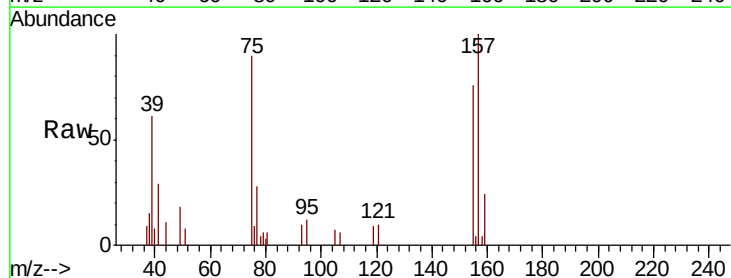
Tgt Ion: 75 Resp: 2116

Ion Ratio Lower Upper

75 100

155 93.7 49.5 148.3

157 121.7 64.5 193.5

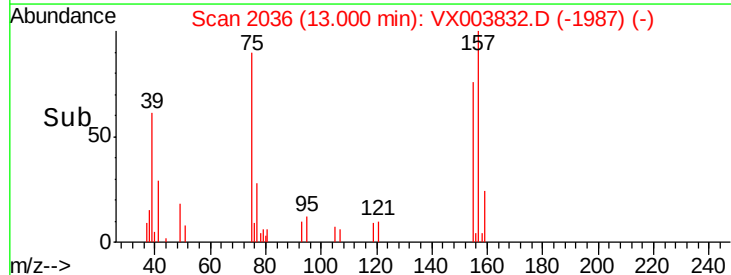
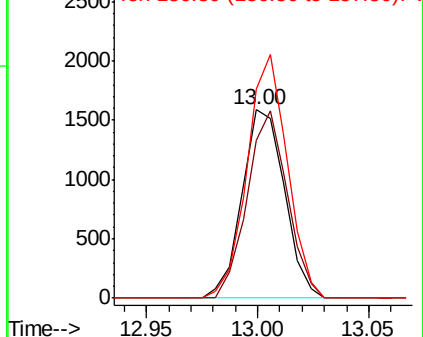


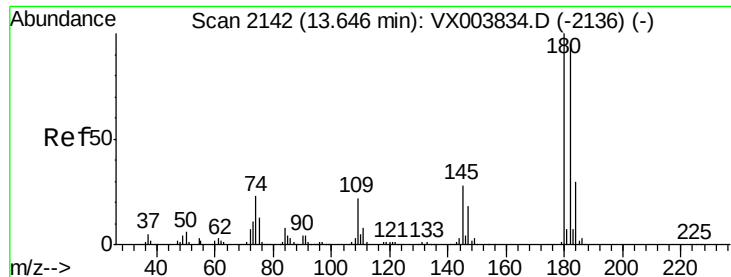
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

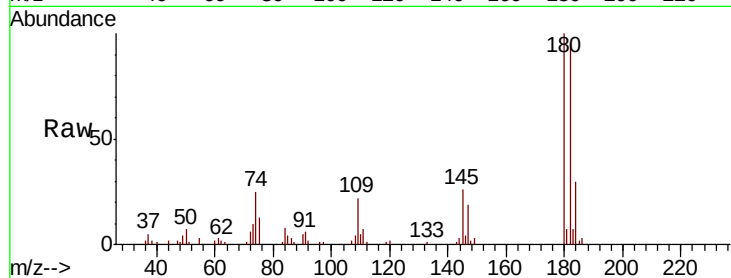




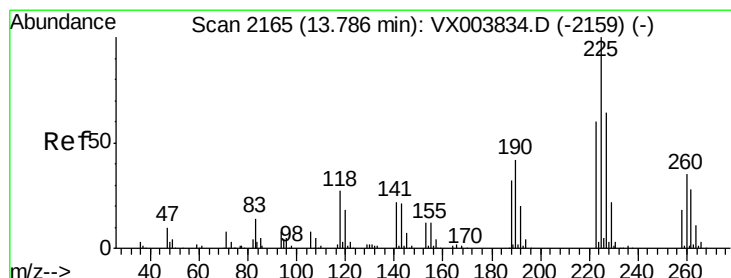
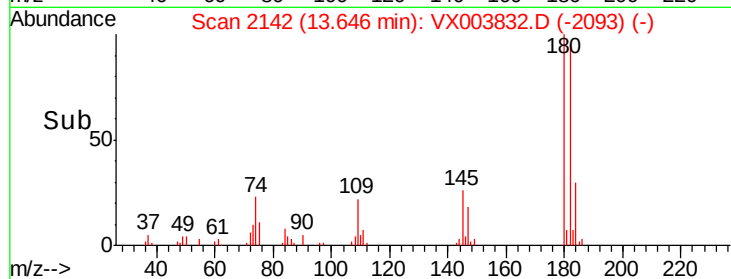
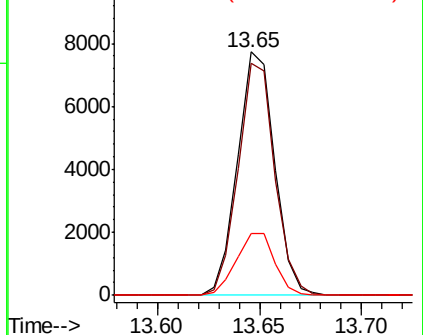
#93
 1,2,4-Trichlorobenzene
 Concen: 4.628 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 9748
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.6 142.9
 145 26.5 13.8 41.3

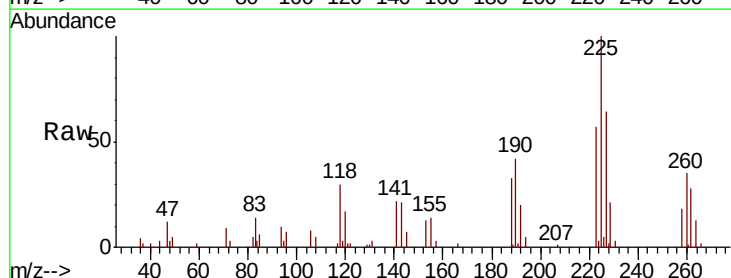


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

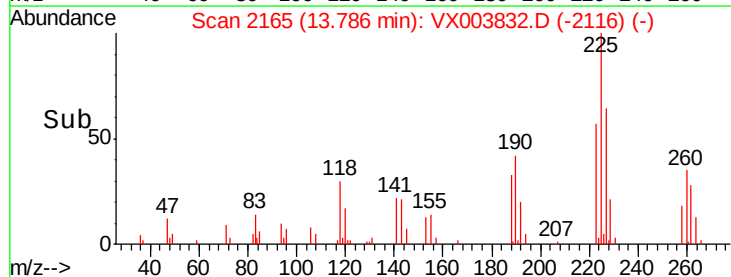
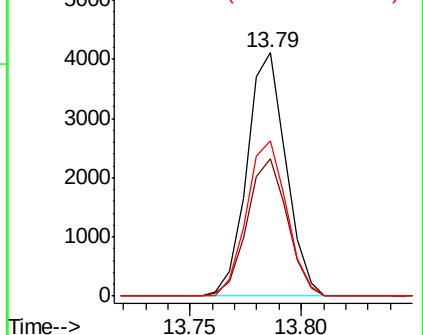


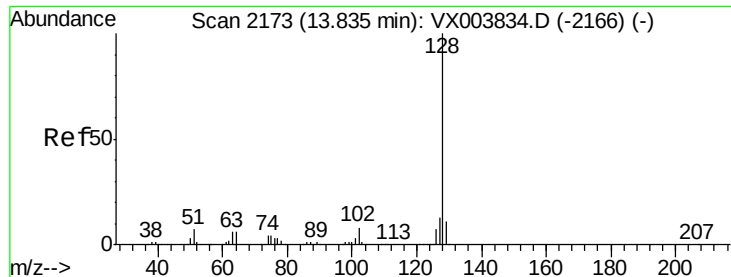
#94
 Hexachlorobutadiene
 Concen: 5.288 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003832.D
 Acq: 02 Aug 2018 19:22

Tgt Ion:225 Resp: 5026
 Ion Ratio Lower Upper
 225 100
 223 57.9 30.4 91.3
 227 65.2 32.2 96.6



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

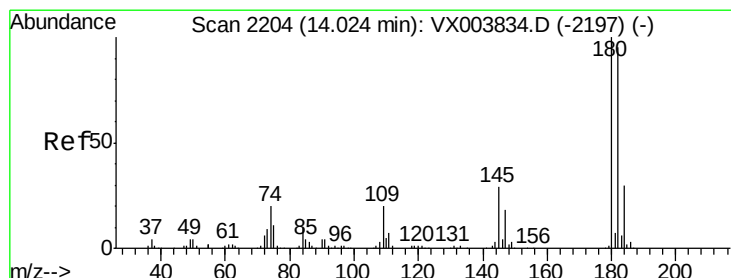
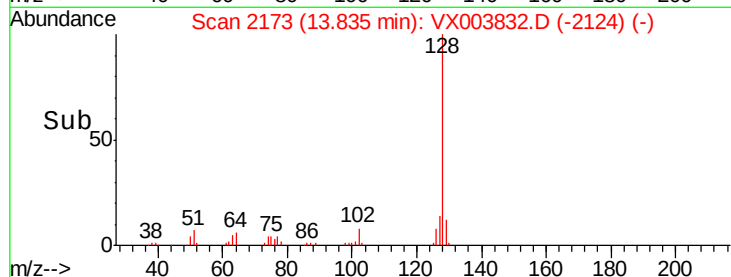
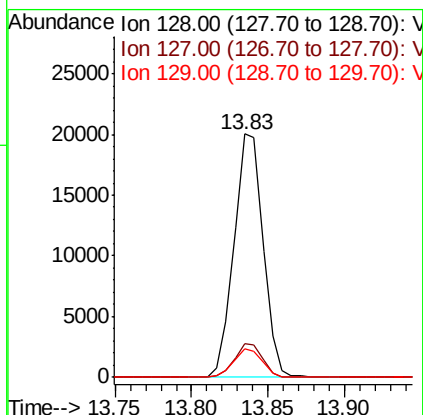
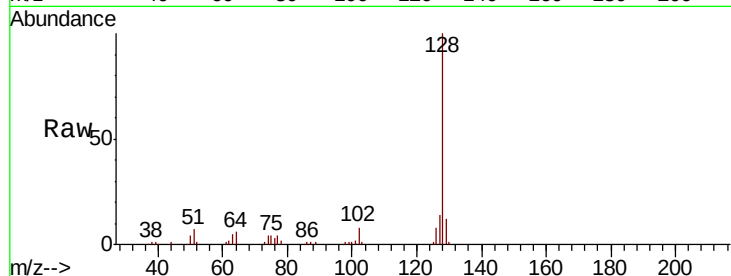




#95
Naphthalene
Concen: 4.163 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 26513
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.891 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003832.D
Acq: 02 Aug 2018 19:22

Tgt Ion:180 Resp: 10482
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.4
145 28.5 14.6 44.0

