

Data File : VX003730.D
Acq On : 30 Jul 2018 18:05
Operator : JC/SP
Sample : VSTDIC150
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Quant Time: Jul 31 05:31:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	106003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	155745	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	141909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84825	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159873	149.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.24%	
35) Dibromofluoromethane	5.50	113	143940	156.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.92%	
50) Toluene-d8	8.72	98	573727	150.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.10%	
62) 4-Bromofluorobenzene	11.14	95	214191	151.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	126759	141.677	ug/l	100
3) Chloromethane	1.32	50	164094	145.901	ug/l	100
4) Vinyl Chloride	1.40	62	170988	141.339	ug/l #	89
5) Bromomethane	1.63	94	97993	134.559	ug/l	99
6) Chloroethane	1.70	64	79936	93.881	ug/l	99
7) Trichlorofluoromethane	1.91	101	229882	209.721	ug/l	98
8) Diethyl Ether	2.18	74	90842	151.519	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	150122	149.179	ug/l	99
10) Methyl Iodide	2.50	142	193556	167.297	ug/l	99
11) Tert butyl alcohol	3.10	59	132609	763.890	ug/l	100
12) 1,1-Dichloroethene	2.36	96	138926	135.527	ug/l	96
13) Acrolein	2.29	56	28370	499.505	ug/l	91
14) Allyl chloride	2.71	41	253948	151.198	ug/l	99
15) Acrylonitrile	3.15	53	337165	763.711	ug/l	100
16) Acetone	2.45	43	306591	748.684	ug/l	99
17) Carbon Disulfide	2.55	76	451428	146.437	ug/l	100
18) Methyl Acetate	2.78	43	175640	152.627	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	402497	156.066	ug/l	99
20) Methylene Chloride	2.84	84	157779	125.672	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	152111	146.518	ug/l	94
22) Diisopropyl ether	3.87	45	454758	149.987	ug/l	98
23) Vinyl Acetate	3.82	43	1705463	779.904	ug/l	99
24) 1,1-Dichloroethane	3.69	63	262904	148.685	ug/l	98
25) 2-Butanone	4.70	43	471358	789.586	ug/l	99
26) 2,2-Dichloropropane	4.58	77	209252	150.259	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	168202	150.340	ug/l	97
28) Bromochloromethane	5.02	49	116048	146.313	ug/l	97
29) Tetrahydrofuran	5.15	42	290963	764.815	ug/l	98
30) Chloroform	5.21	83	263855	151.436	ug/l	92
31) Cyclohexane	5.57	56	257922	151.007	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	230501	153.925	ug/l	100
36) 1,1-Dichloropropene	5.80	75	214539	147.091	ug/l	99
37) Ethyl Acetate	4.86	43	173335	154.709	ug/l	98
38) Carbon Tetrachloride	5.78	117	211678	156.903	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	278813	155.699	ug/l	95
40) Benzene	6.14	78	621636	148.727	ug/l	97
41) Methacrylonitrile	5.06	41	97864	154.965	ug/l	99
42) 1,2-Dichloroethane	6.20	62	191715	151.863	ug/l	99
43) Isopropyl Acetate	6.46	43	290894	162.954	ug/l	99
44) Trichloroethene	7.21	130	174129	146.040	ug/l	95
45) 1,2-Dichloropropane	7.52	63	158015	153.732	ug/l	97
46) Dibromomethane	7.67	93	92446	156.074	ug/l	99
47) Bromodichloromethane	7.90	83	193741	164.134	ug/l	99
48) Methyl methacrylate	7.78	41	147011	164.179	ug/l	100
49) 1,4-Dioxane	7.76	88	59838	3310.975	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	894319	815.185	ug/l	100
52) Toluene	8.79	92	392852	150.676	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	223499	165.783	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	248469	165.347	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	140254	156.304	ug/l	99
56) Ethyl methacrylate	9.18	69	209639	170.083	ug/l	99
57) 1,3-Dichloropropane	9.37	76	233375	154.934	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	517844	878.221	ug/l	100
59) 2-Hexanone	9.50	43	696703	833.602	ug/l	99
60) Dibromochloromethane	9.59	129	152314	168.548	ug/l	100
61) 1,2-Dibromoethane	9.68	107	144544	157.771	ug/l	99
64) Tetrachloroethene	9.34	164	168265	150.851	ug/l	98
65) Chlorobenzene	10.14	112	444847	150.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	156037	161.355	ug/l	99
67) Ethyl Benzene	10.26	91	773332	154.443	ug/l	99
68) m/p-Xylenes	10.36	106	608215	310.511	ug/l	99
69) o-Xylene	10.70	106	288163	158.437	ug/l	100
70) Styrene	10.71	104	494111	161.483	ug/l	100
71) Bromoform	10.86	173	119537	179.778	ug/l #	99
73) Isopropylbenzene	11.02	105	785524	147.924	ug/l	100
74) N-amyl acetate	6.46	43	290894	172.236	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	213135	154.381	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	247112	211.352	ug/l	83
77) Bromobenzene	11.26	156	207162	149.635	ug/l	99
78) n-propylbenzene	11.37	91	936359	145.548	ug/l	99
79) 2-Chlorotoluene	11.43	91	531396	145.489	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	688400	132.882	ug/l #	67
81) trans-1,4-Dichloro-2-buten	11.08	75	69297	175.556	ug/l	95
82) 4-Chlorotoluene	11.51	91	644714	145.527	ug/l	99
83) tert-Butylbenzene	11.77	119	688171	153.503	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	704237	150.946	ug/l	100
85) sec-Butylbenzene	11.95	105	857996	149.594	ug/l	100
86) p-Isopropyltoluene	12.07	119	789993	171.784	ug/l #	69
87) 1,3-Dichlorobenzene	12.03	146	410316	146.513	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	414479	145.061	ug/l	100
89) n-Butylbenzene	12.39	91	760121	153.205	ug/l	99
90) Hexachloroethane	12.60	117	126810	163.824	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	396388	151.986	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45797	167.184	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073018\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	324092	156.650	ug/l	100
94) Hexachlorobutadiene	13.79	225	203121	153.522	ug/l	100
95) Naphthalene	13.83	128	736510	166.589	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298867	159.137	ug/l	100

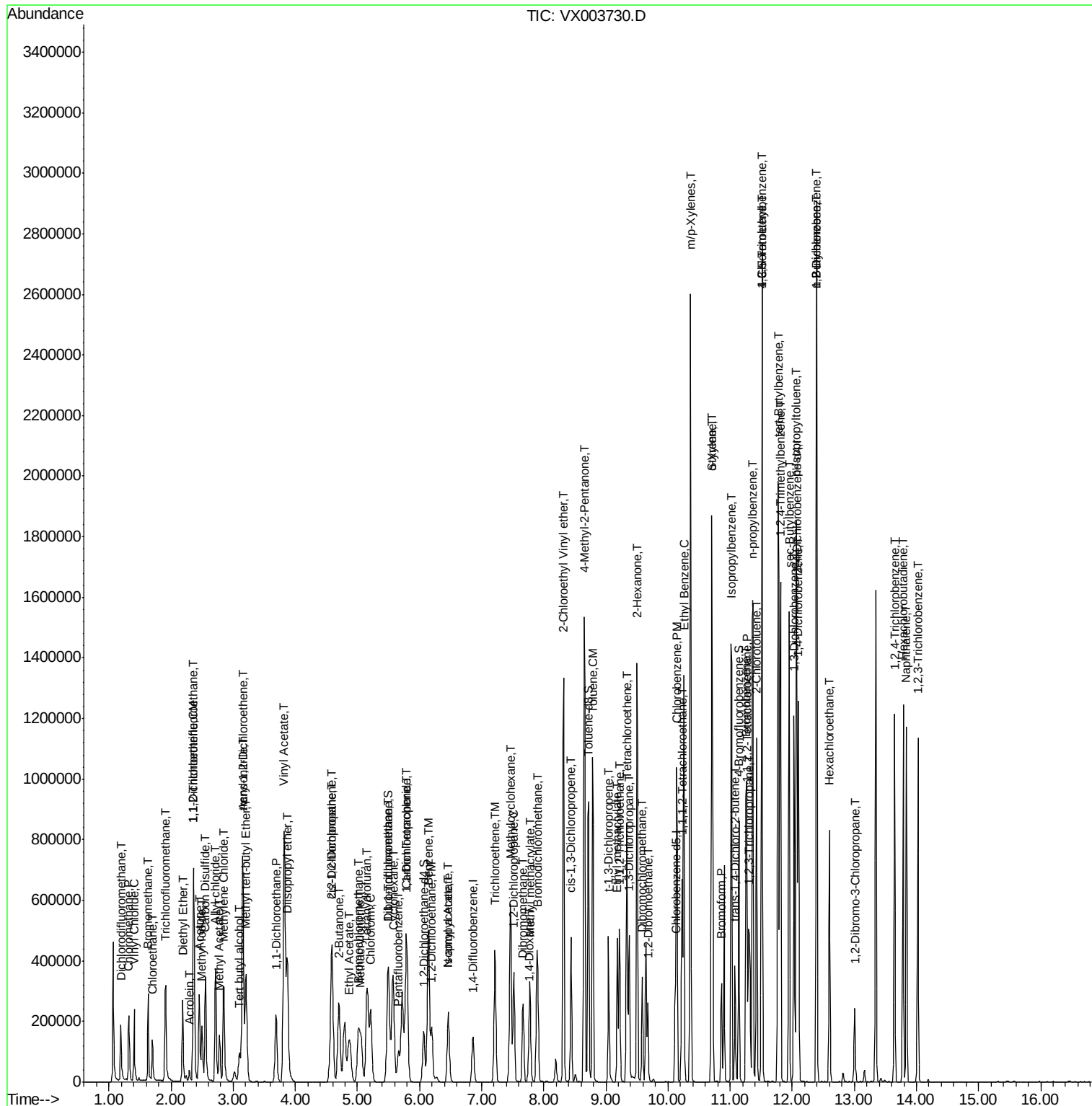
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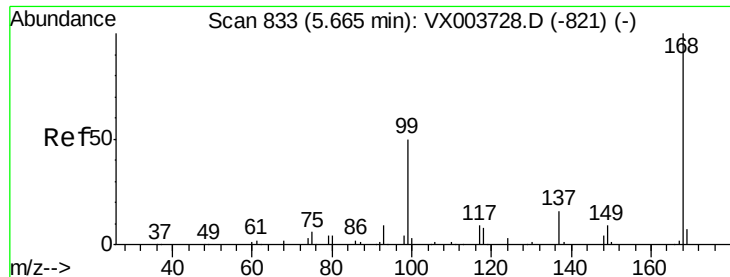
Data File : VX003730.D

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Operator     : JC/SP
Sample       : VSTDICC150
Misc         : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial     : 7      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Jul 31 05:31:34 2018
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

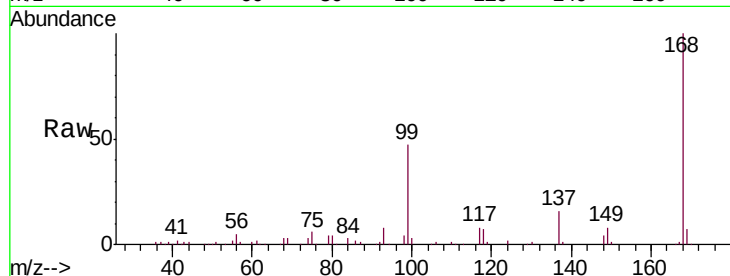
VSTDIC150

Tgt Ion:168 Resp: 106003

Ion Ratio Lower Upper

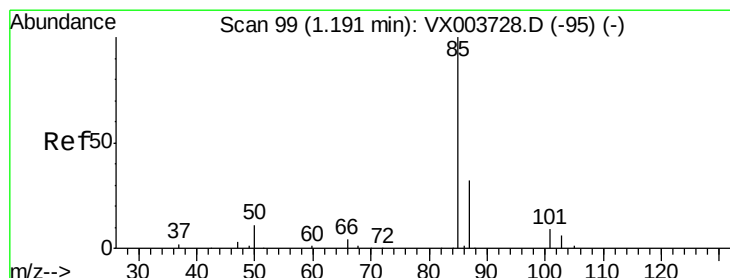
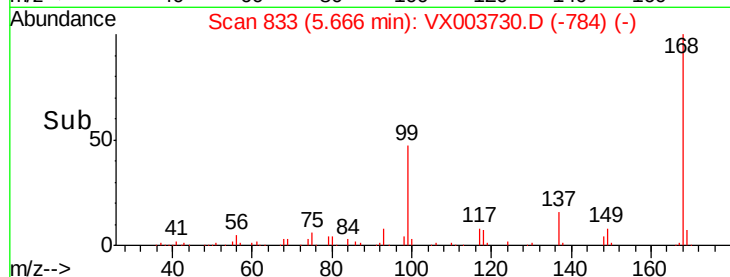
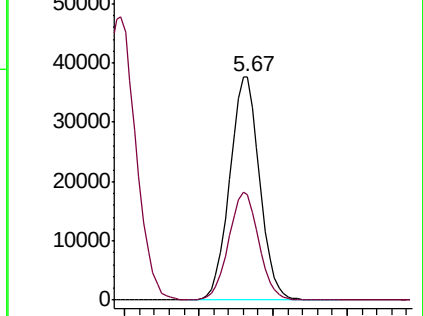
168 100

99 46.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 141.677 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003730.D

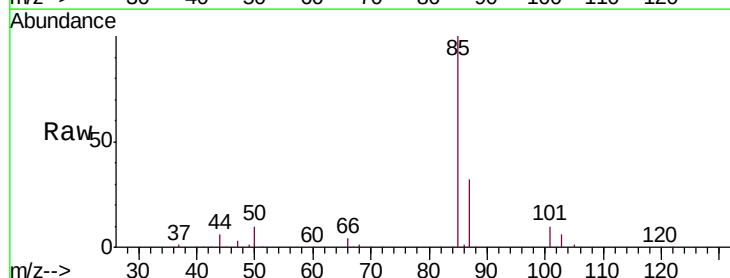
Acq: 30 Jul 2018 18:05

Tgt Ion: 85 Resp: 126759

Ion Ratio Lower Upper

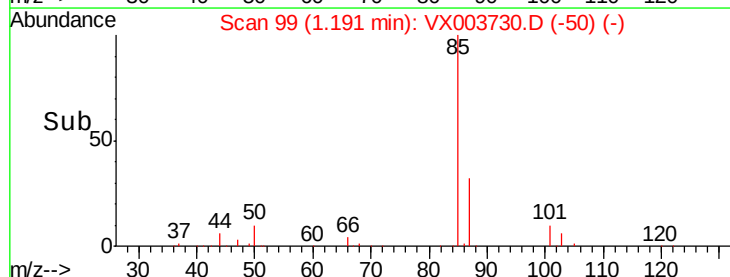
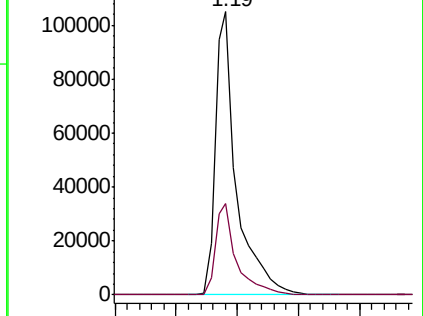
85 100

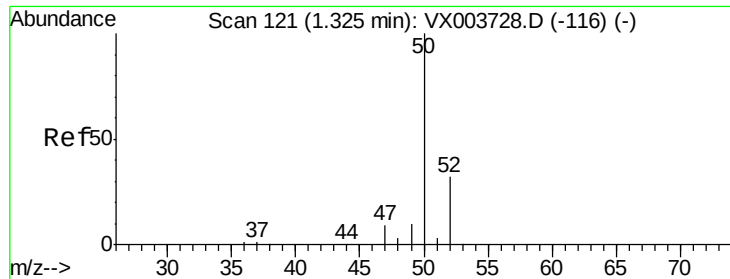
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

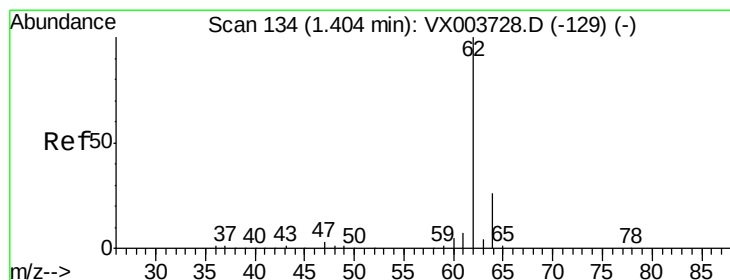
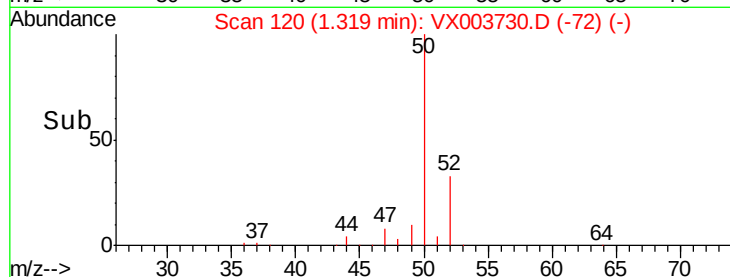
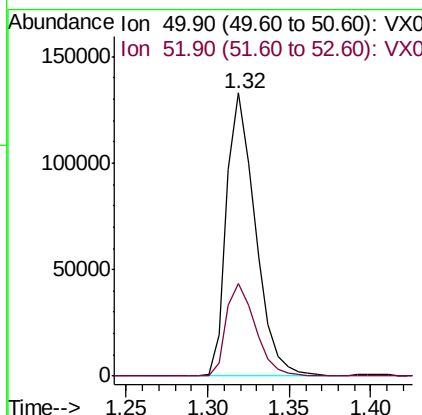
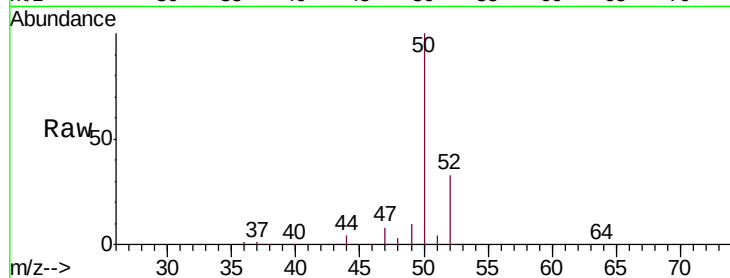




#3
Chloromethane
Concen: 145.901 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

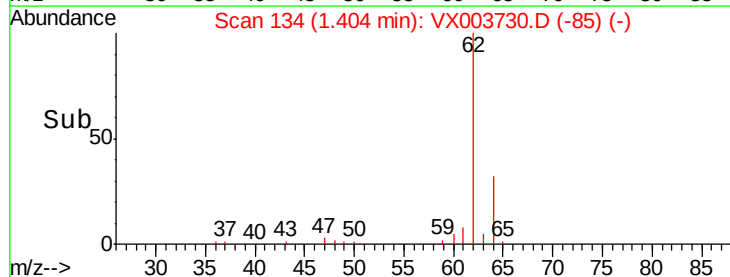
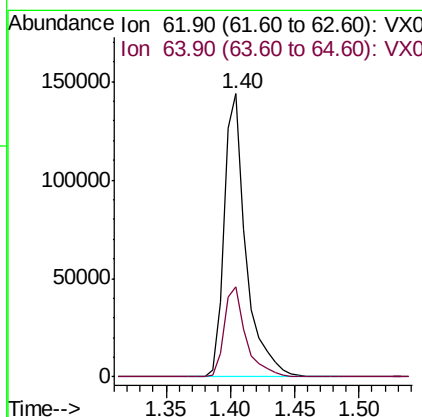
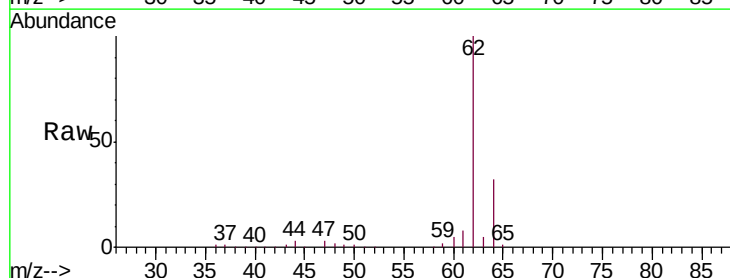
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

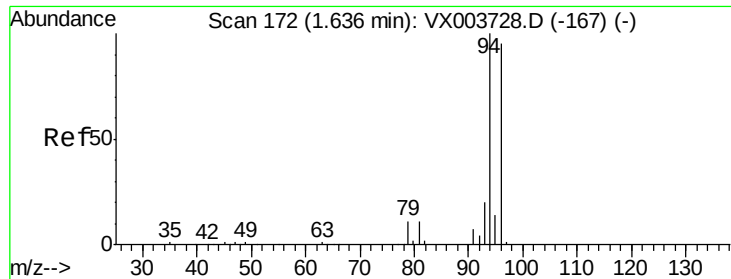
Tgt Ion: 50 Resp: 164094
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9



#4
Vinyl Chloride
Concen: 141.339 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion: 62 Resp: 170988
Ion Ratio Lower Upper
62 100
64 31.9 21.0 31.4#





#5

Bromomethane

Concen: 134.559 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

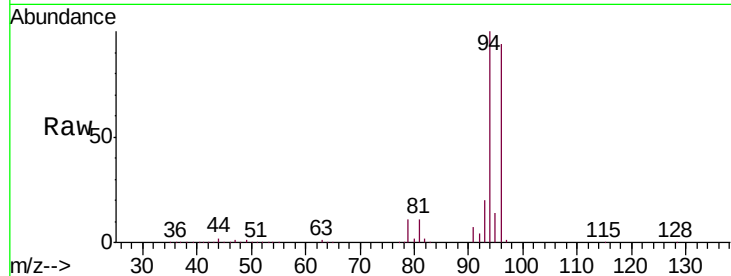
VSTDIC150

Tgt Ion: 94 Resp: 97993

Ion Ratio Lower Upper

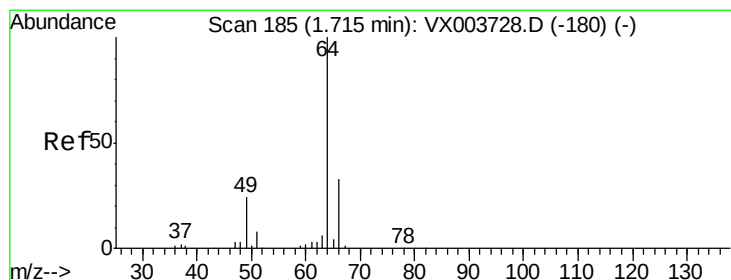
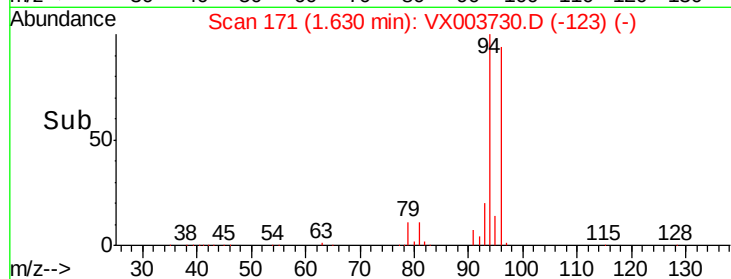
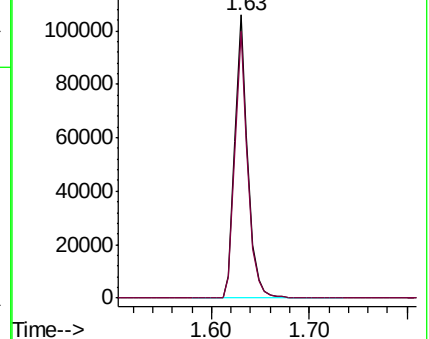
94 100

96 94.4 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 93.881 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX003730.D

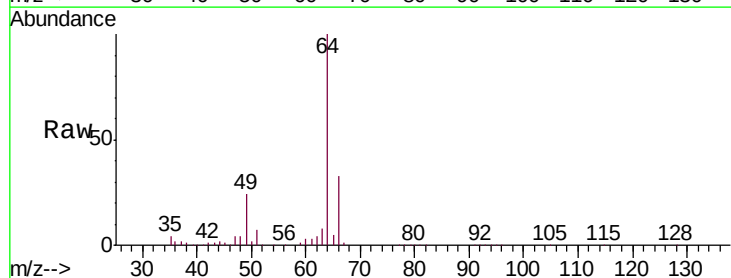
Acq: 30 Jul 2018 18:05

Tgt Ion: 64 Resp: 79936

Ion Ratio Lower Upper

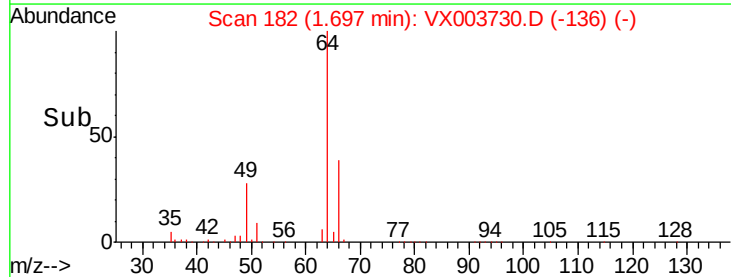
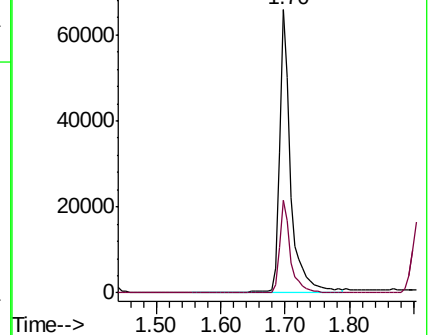
64 100

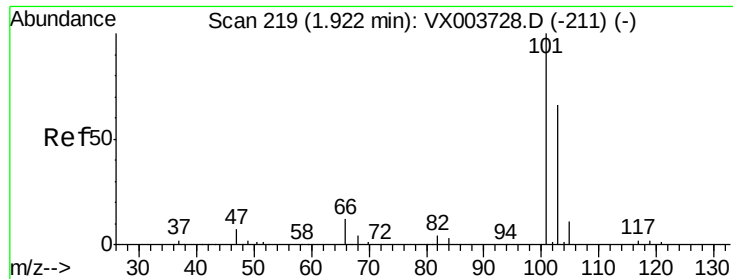
66 32.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



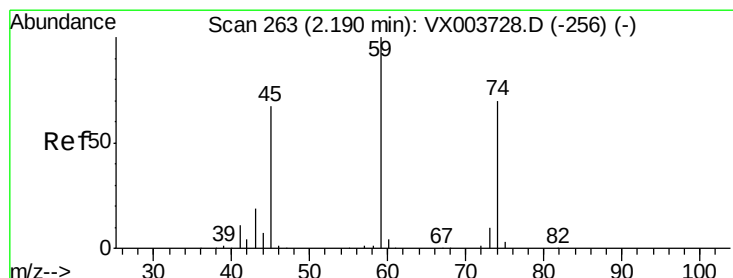
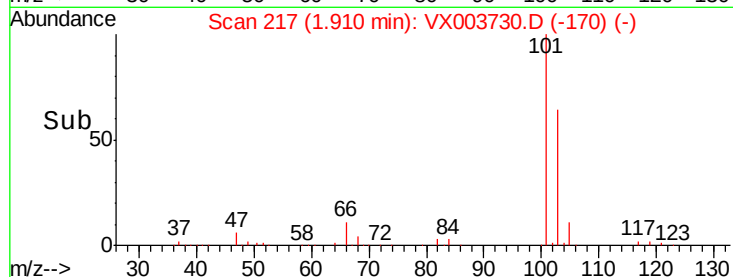
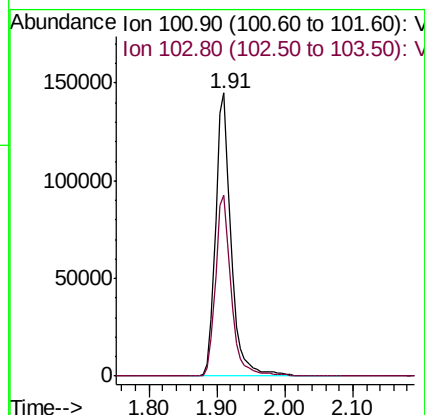
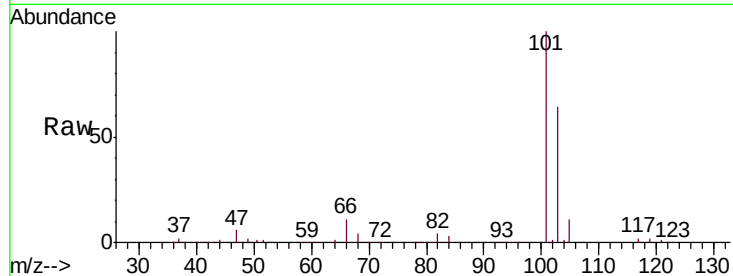


#7

Trichlorofluoromethane
 Concen: 209.721 ug/l
 RT: 1.91 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

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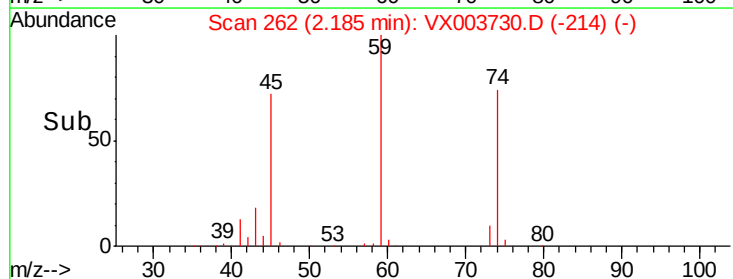
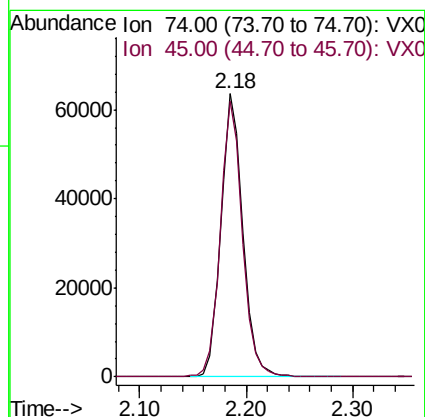
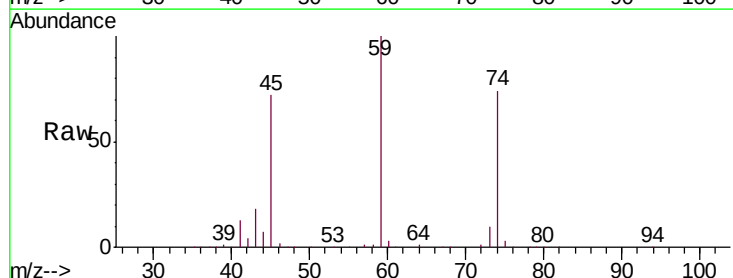
Tgt Ion: 101 Resp: 229882
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.6 78.8

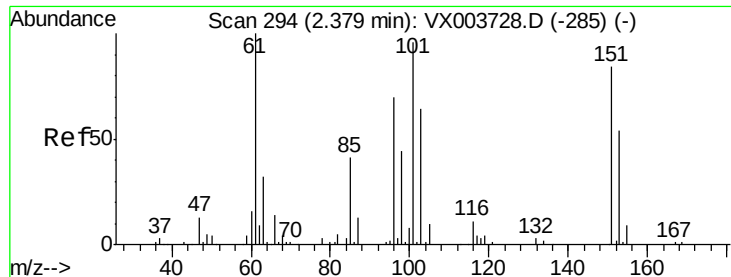


#8

Diethyl Ether
 Concen: 151.519 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion: 74 Resp: 90842
 Ion Ratio Lower Upper
 74 100
 45 98.8 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.179 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

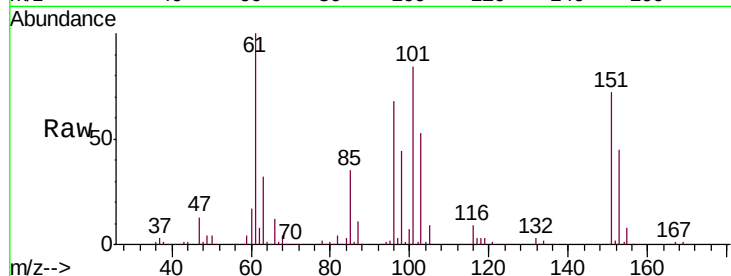
Tgt Ion:101 Resp: 150122

Ion Ratio Lower Upper

101 100

85 41.3 33.3 49.9

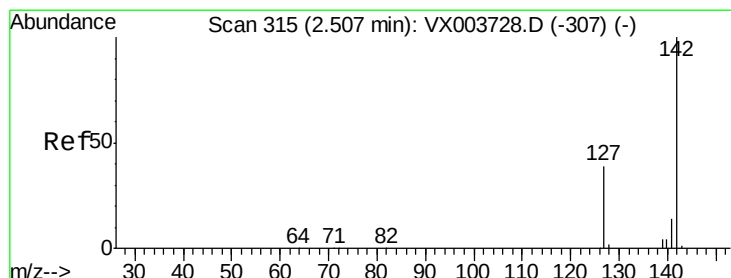
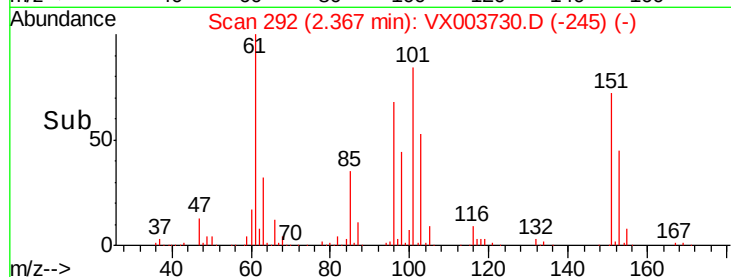
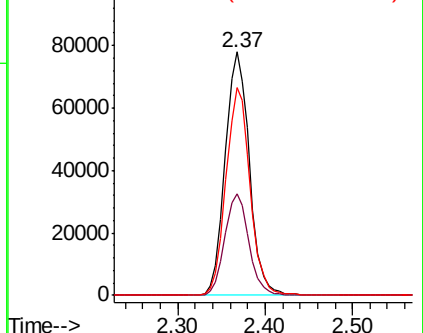
151 84.8 68.8 103.2



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: 167.297 ug/l

RT: 2.50 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

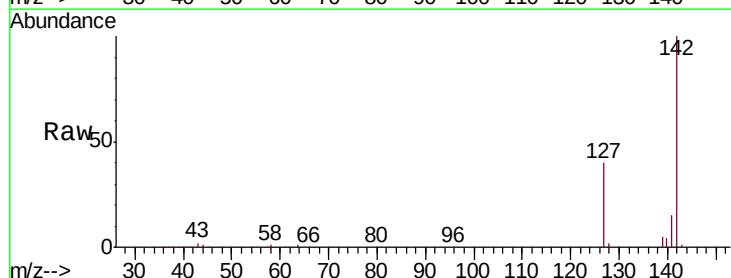
Tgt Ion:142 Resp: 193556

Ion Ratio Lower Upper

142 100

127 39.4 32.0 48.0

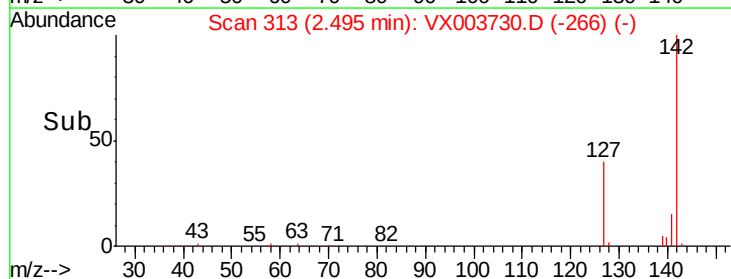
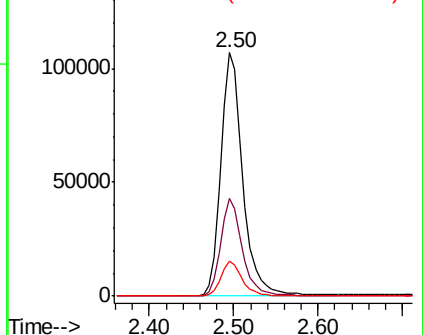
141 14.2 11.3 16.9

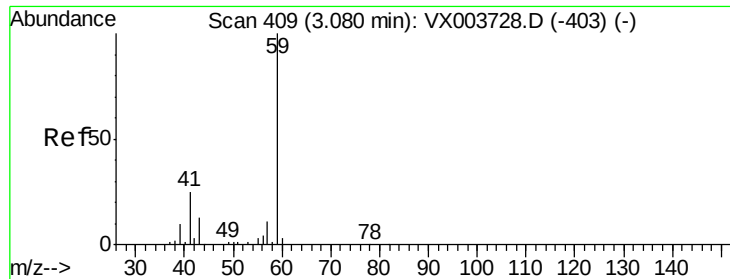


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

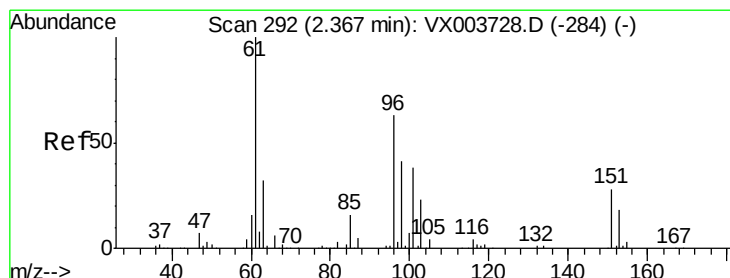
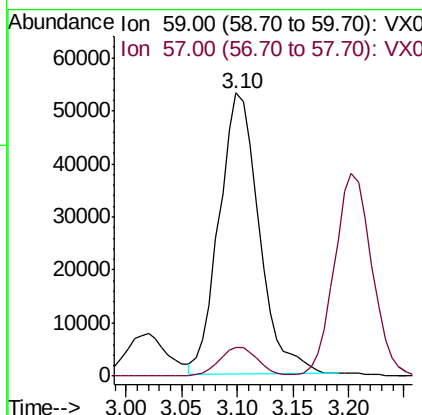
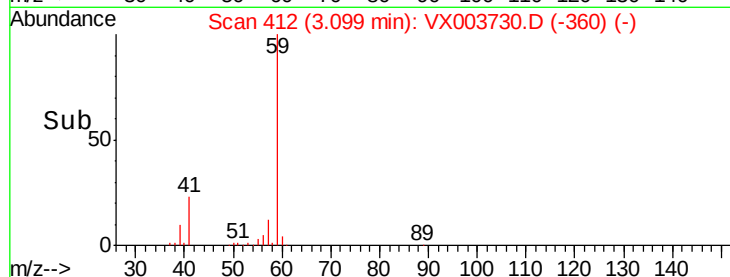
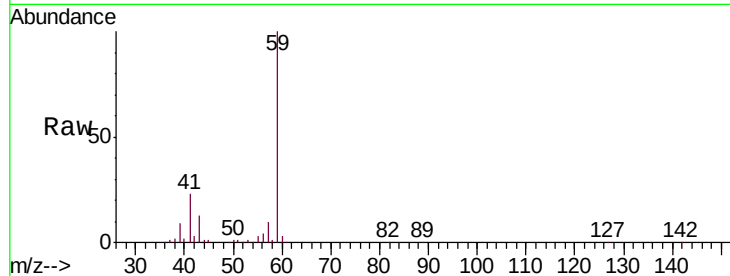




#11
Tert butyl alcohol
Concen: 763.890 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

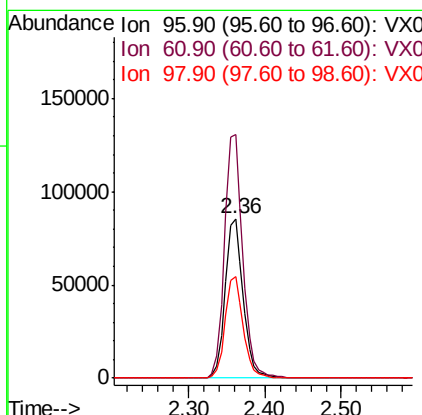
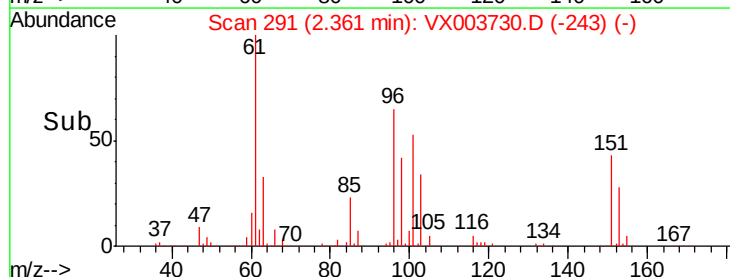
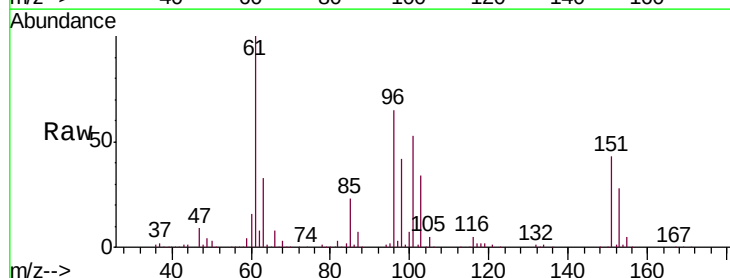
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

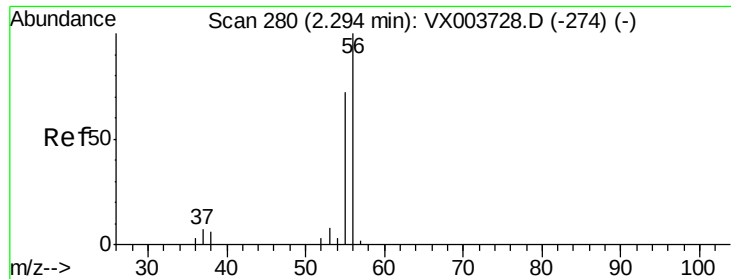
Tgt Ion: 59 Resp: 132609
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 135.527 ug/l
RT: 2.36 min Scan# 291
Delta R.T. -0.01 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion: 96 Resp: 138926
Ion Ratio Lower Upper
96 100
61 152.9 127.1 190.7
98 64.0 52.0 78.0





#13

Acrolein

Concen: 499.505 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

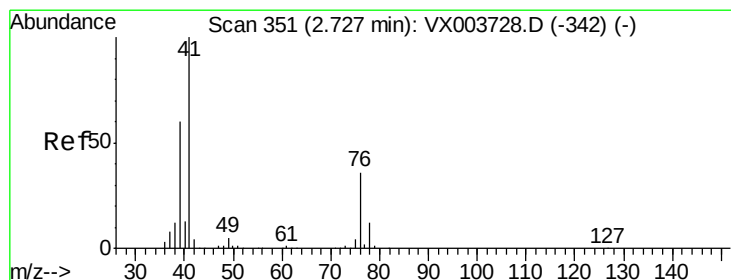
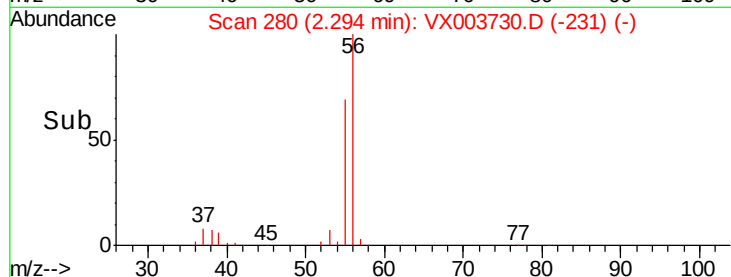
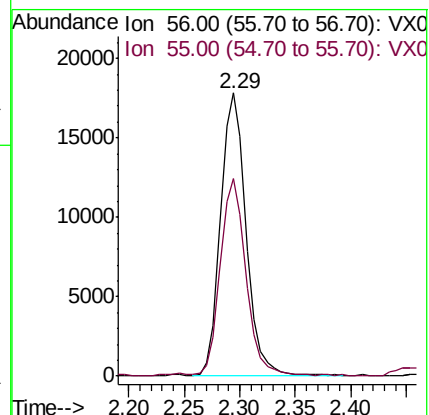
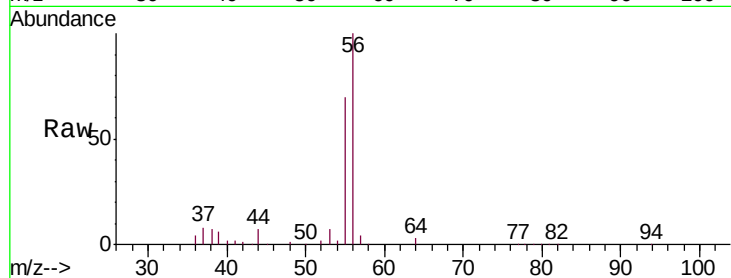
VSTDIC150

Tgt Ion: 56 Resp: 28370

Ion Ratio Lower Upper

56 100

55 68.6 61.4 92.0



#14

Allyl chloride

Concen: 151.198 ug/l

RT: 2.71 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

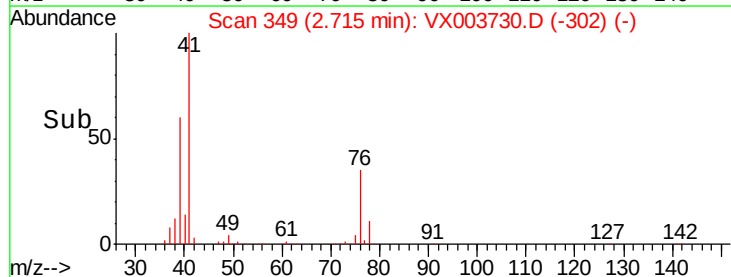
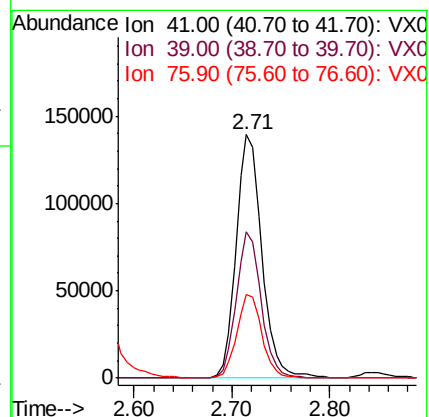
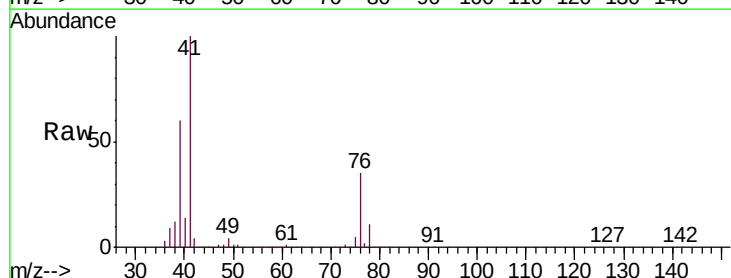
Tgt Ion: 41 Resp: 253948

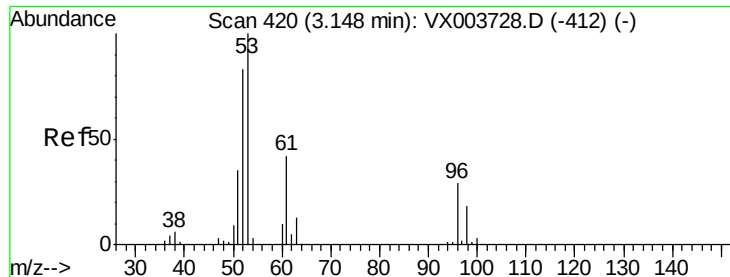
Ion Ratio Lower Upper

41 100

39 58.0 47.7 71.5

76 33.7 27.0 40.6





#15

Acrylonitrile

Concen: 763.711 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

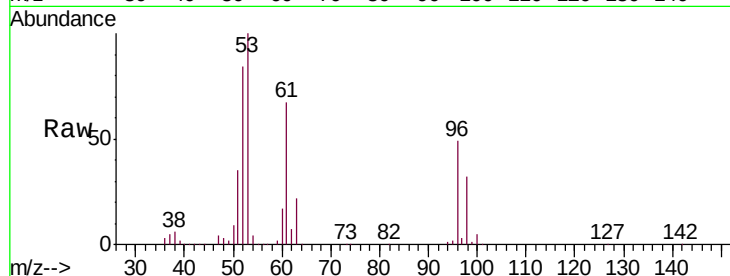
Tgt Ion: 53 Resp: 337165

Ion Ratio Lower Upper

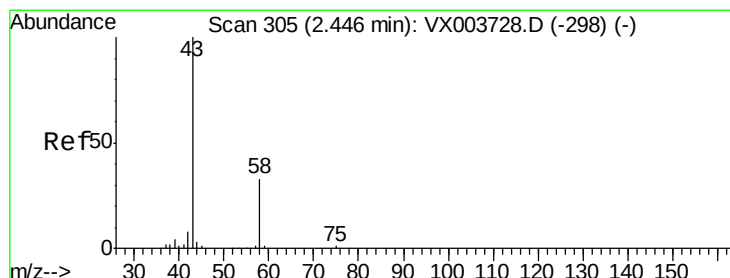
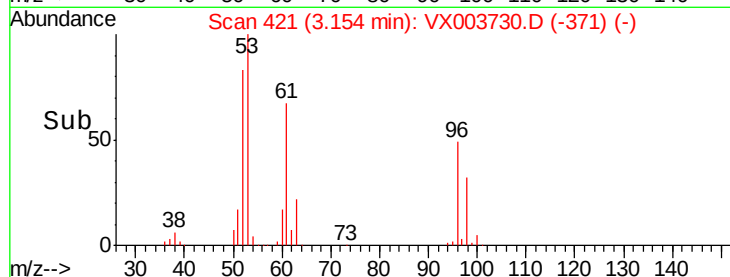
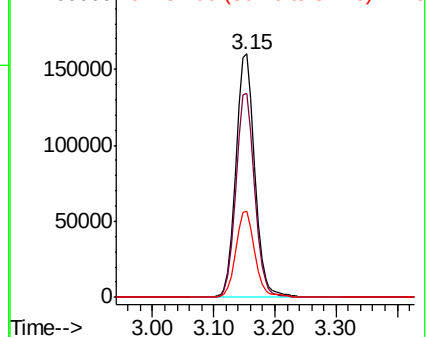
53 100

52 82.8 66.2 99.2

51 36.1 28.5 42.7



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: 748.684 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003730.D

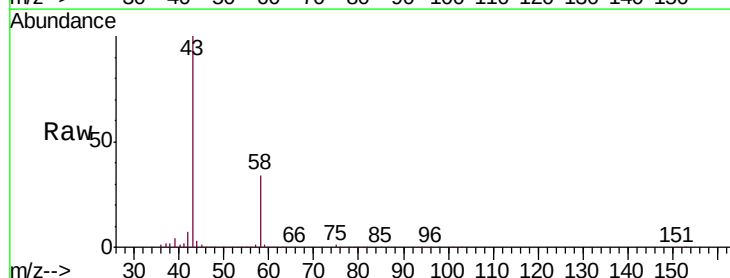
Acq: 30 Jul 2018 18:05

Tgt Ion: 43 Resp: 306591

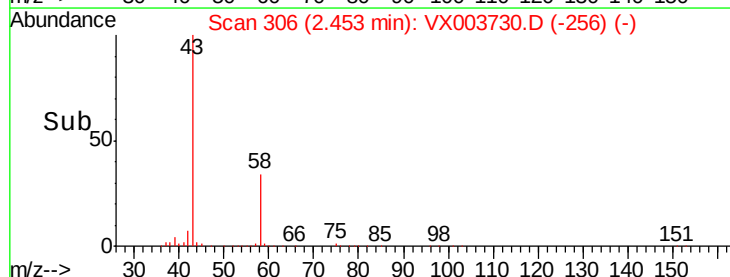
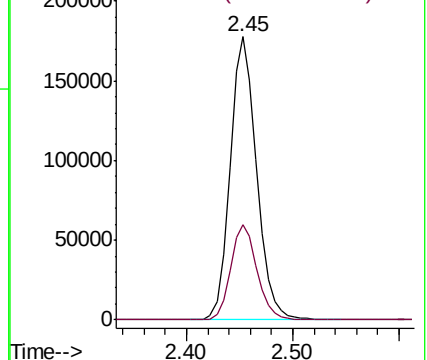
Ion Ratio Lower Upper

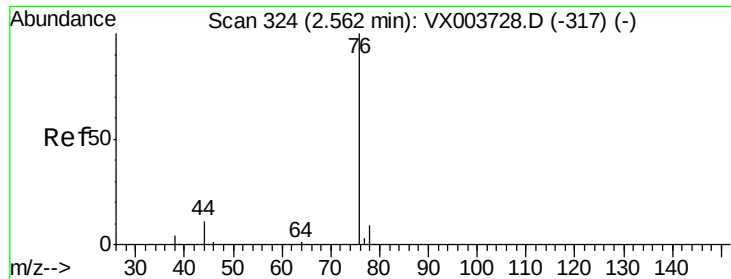
43 100

58 33.8 26.7 40.1



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





#17

Carbon Disulfide

Concen: 146.437 ug/l

RT: 2.55 min Scan# 322

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

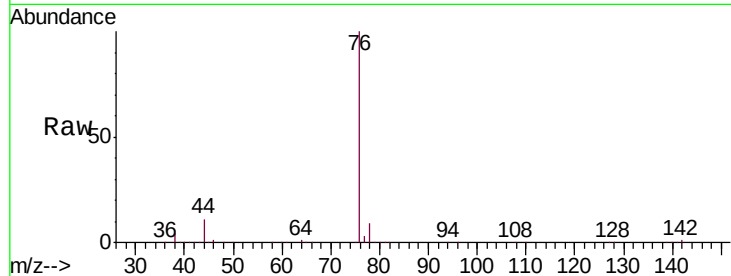
VSTDIC150

Tgt Ion: 76 Resp: 451428

Ion Ratio Lower Upper

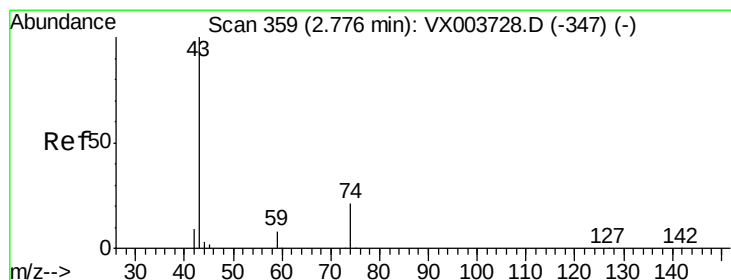
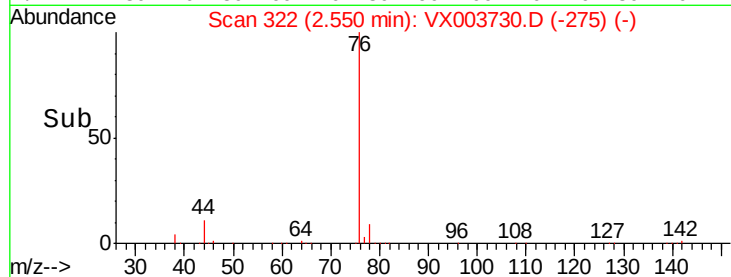
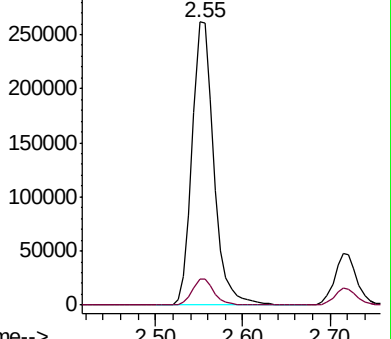
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 152.627 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX003730.D

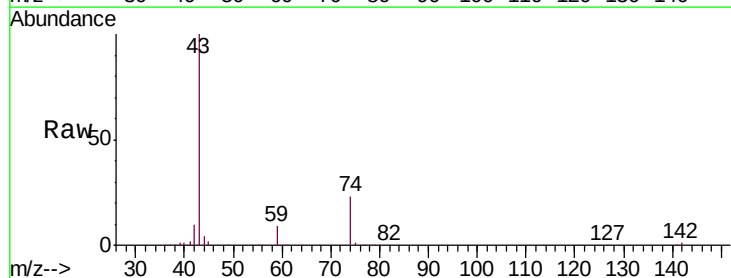
Acq: 30 Jul 2018 18:05

Tgt Ion: 43 Resp: 175640

Ion Ratio Lower Upper

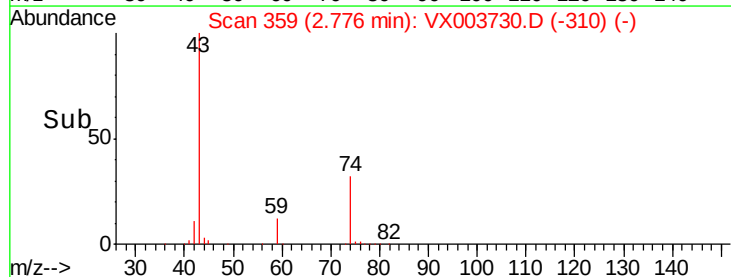
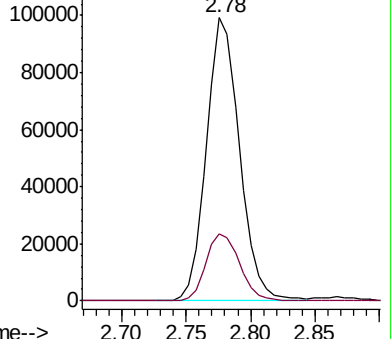
43 100

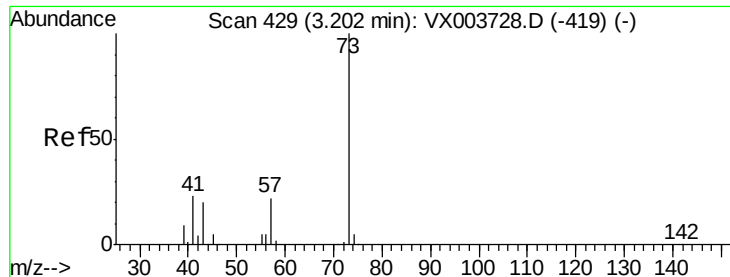
74 24.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

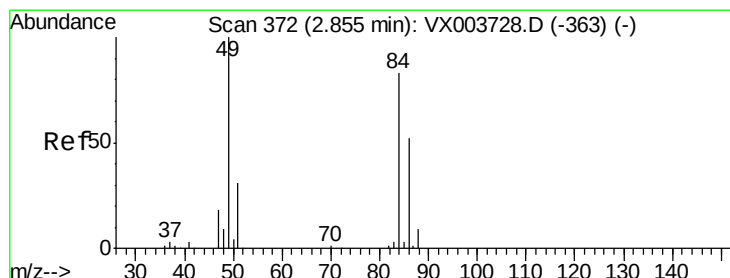
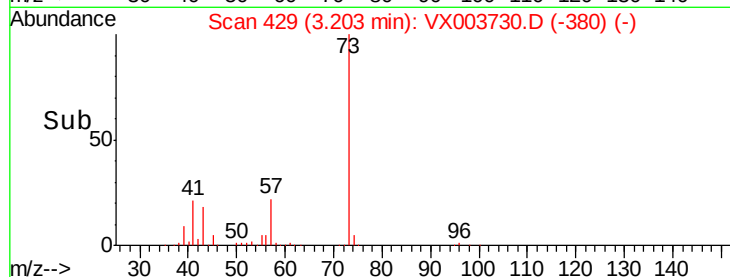
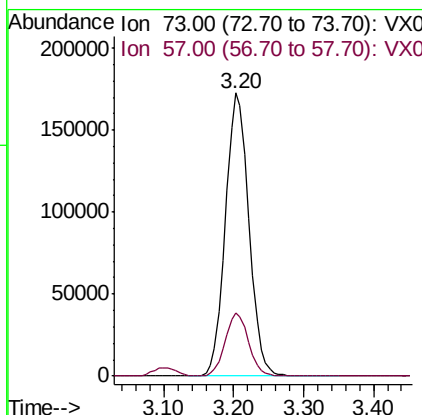
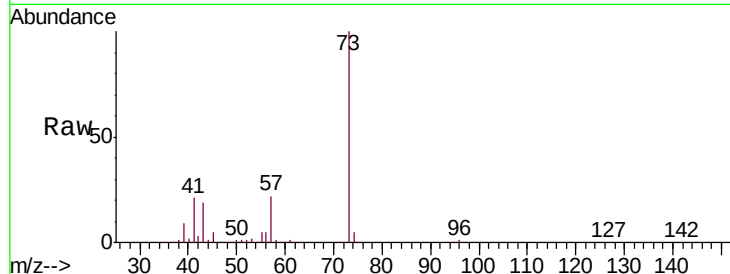




#19
Methyl tert-butyl Ether
Concen: 156.066 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

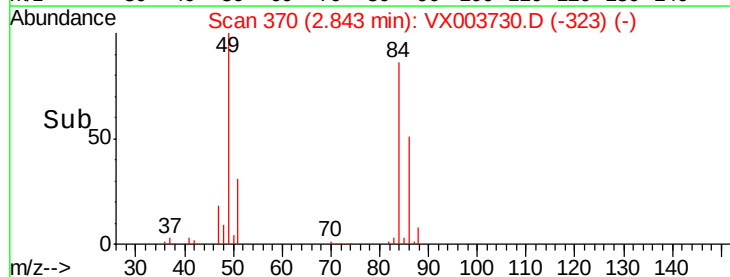
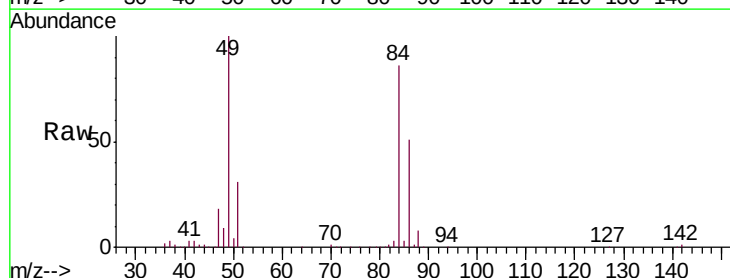
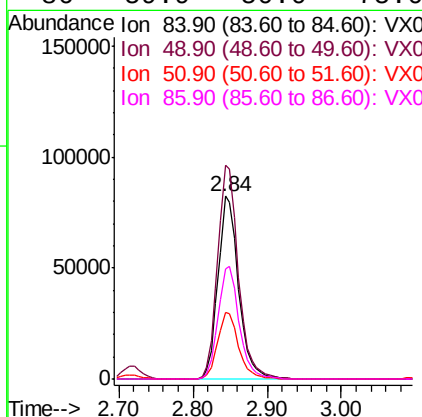
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

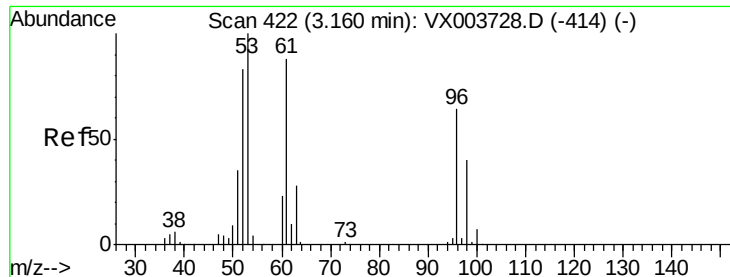
Tgt Ion: 73 Resp: 402497
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0



#20
Methylene Chloride
Concen: 125.672 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion: 84 Resp: 157779
Ion Ratio Lower Upper
84 100
49 116.7 95.8 143.8
51 36.2 29.6 44.4
86 59.9 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 146.518 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

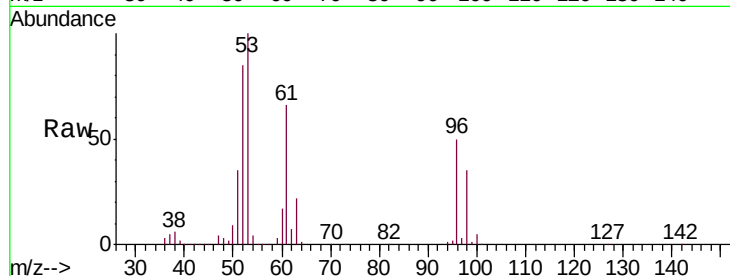
Tgt Ion: 96 Resp: 152111

Ion Ratio Lower Upper

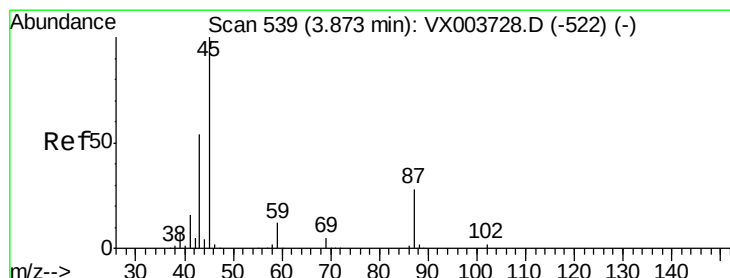
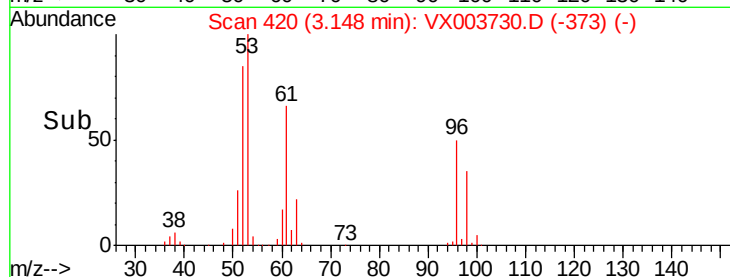
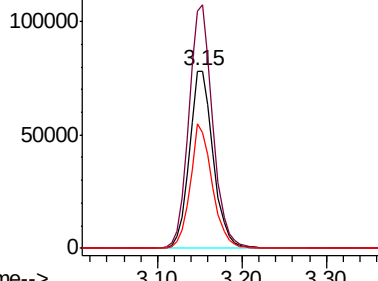
96 100

61 133.6 110.9 166.3

98 70.1 50.2 75.4



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



#22

Diisopropyl ether

Concen: 149.987 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Tgt Ion: 45 Resp: 454758

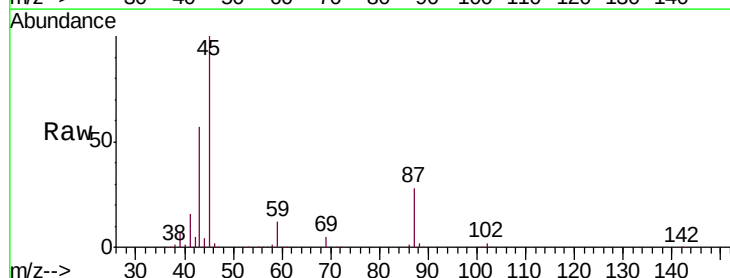
Ion Ratio Lower Upper

45 100

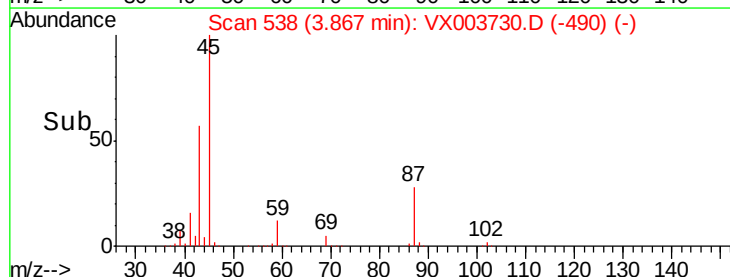
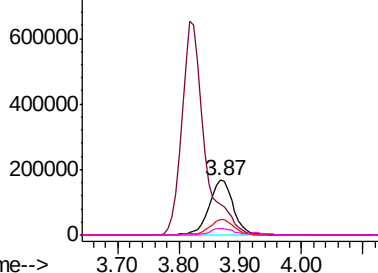
43 56.4 43.5 65.3

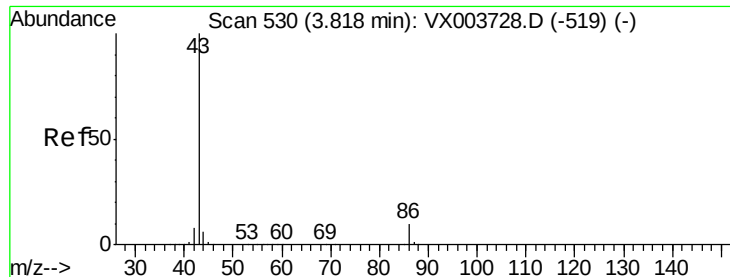
87 28.2 22.6 33.8

59 11.7 9.3 13.9



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





#23

Vinyl Acetate

Concen: 779.904 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

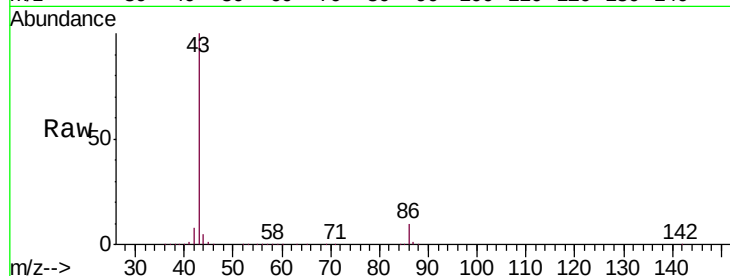
VSTDIC150

Tgt Ion: 43 Resp: 1705463

Ion Ratio Lower Upper

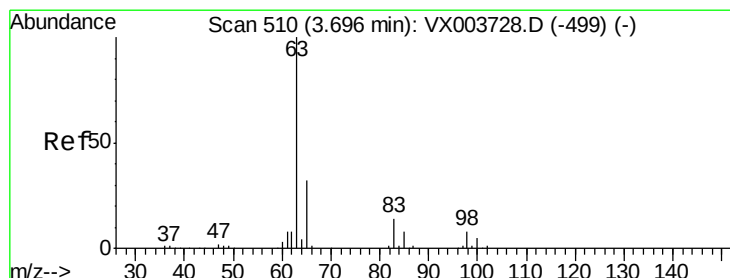
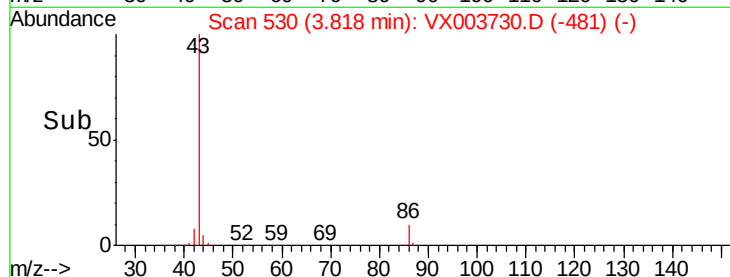
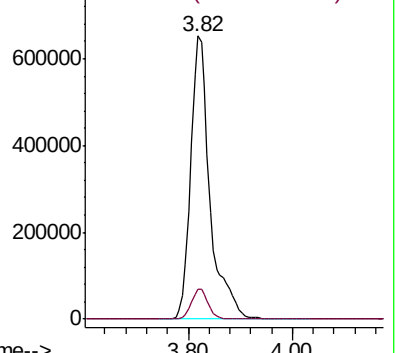
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 148.685 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

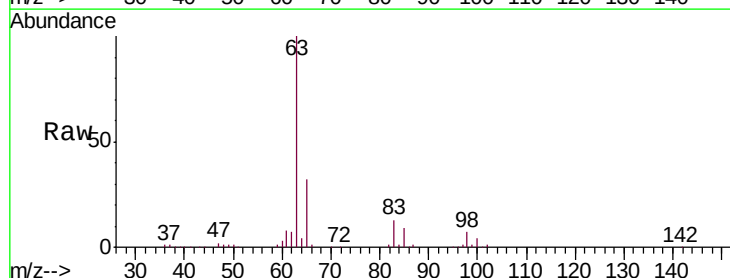
Tgt Ion: 63 Resp: 262904

Ion Ratio Lower Upper

63 100

98 7.0 4.0 12.0

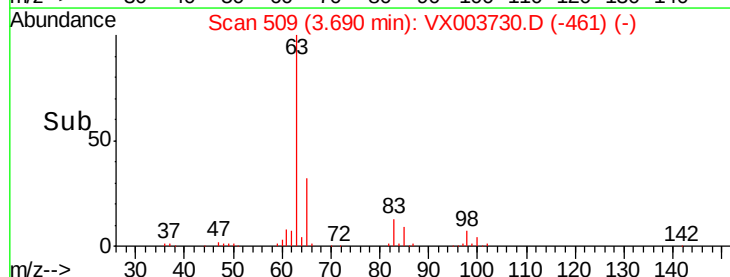
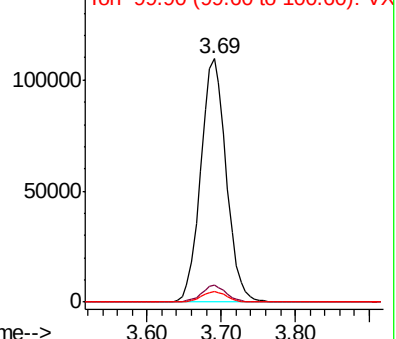
100 4.4 2.4 7.2

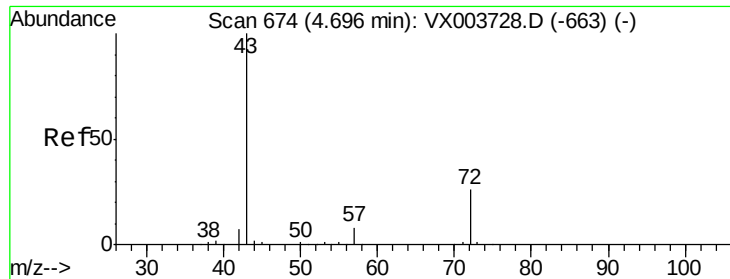


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 789.586 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

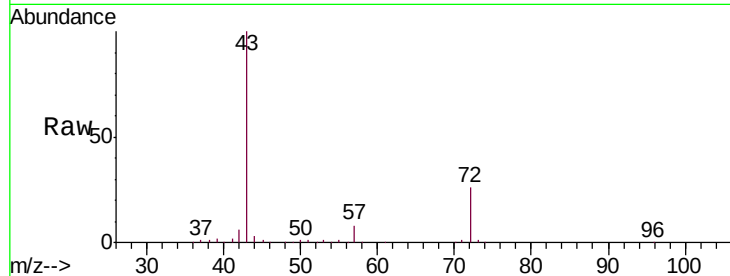
VSTDIC150

Tgt Ion: 43 Resp: 471358

Ion Ratio Lower Upper

43 100

72 25.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

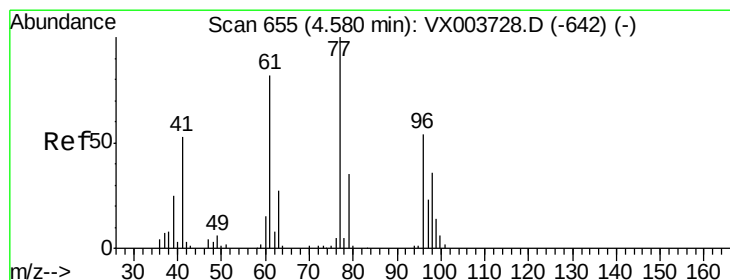
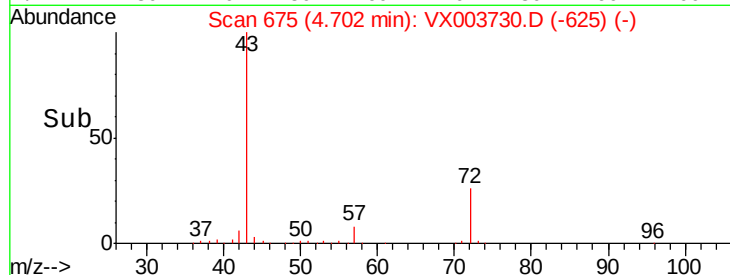
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 150.259 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003730.D

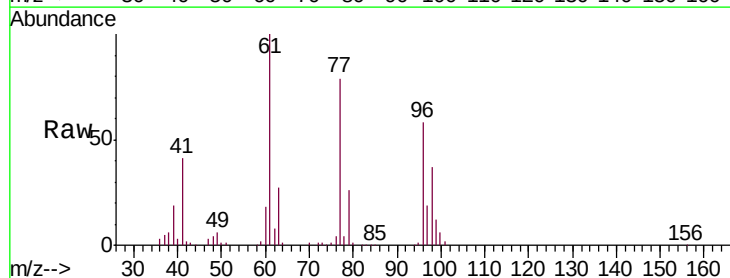
Acq: 30 Jul 2018 18:05

Tgt Ion: 77 Resp: 209252

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

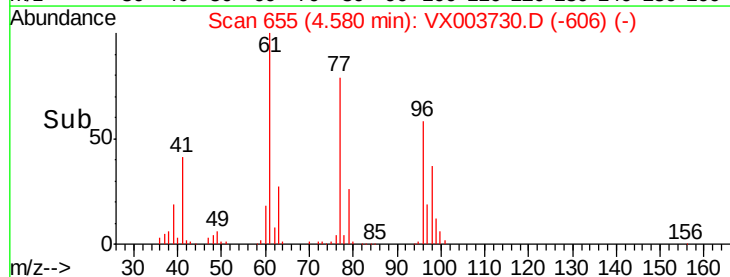
60000

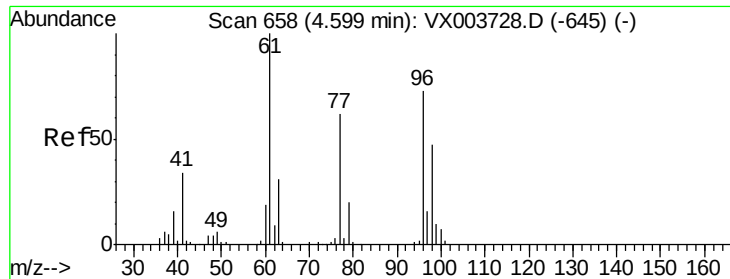
40000

20000

0

Time-->



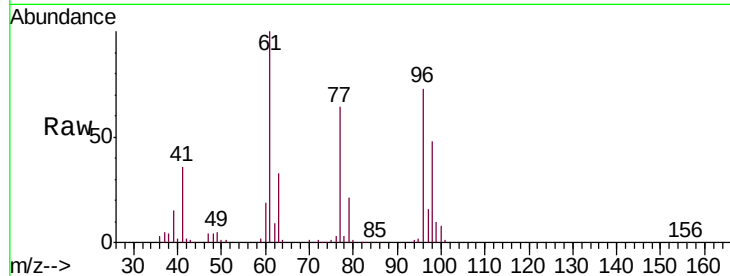


#27

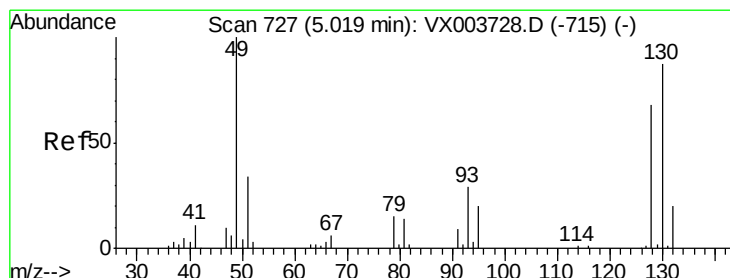
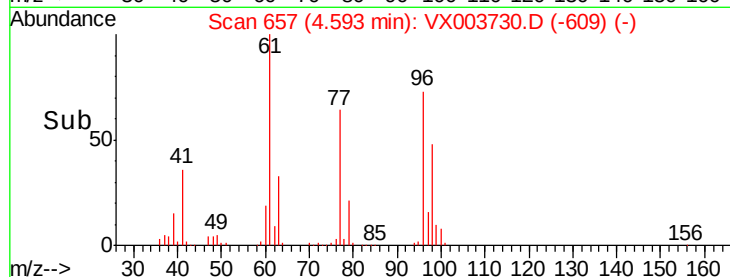
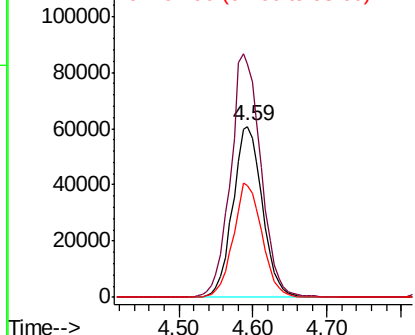
cis-1,2-Dichloroethene
Concen: 150.340 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Resp	Lower	Upper
96	168202		
Ion Ratio			
96	100		
61	147.7	0.0	285.6
98	65.2	0.0	131.0



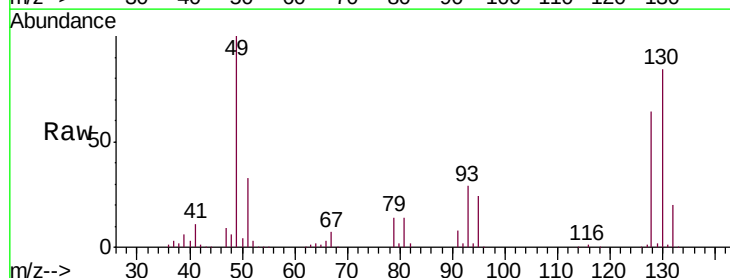
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



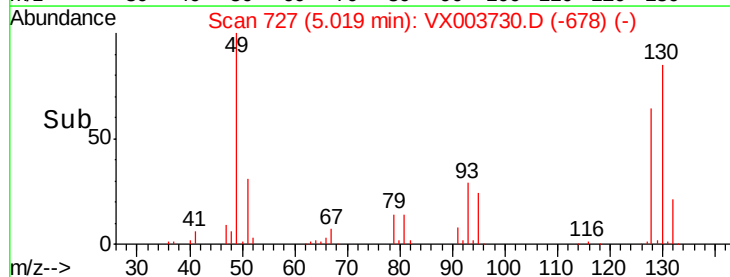
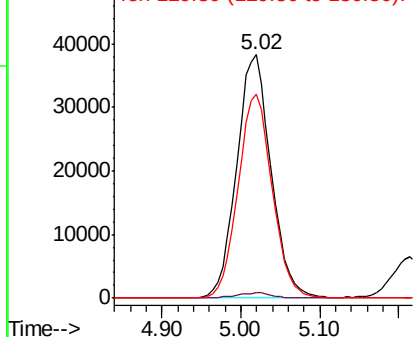
#28

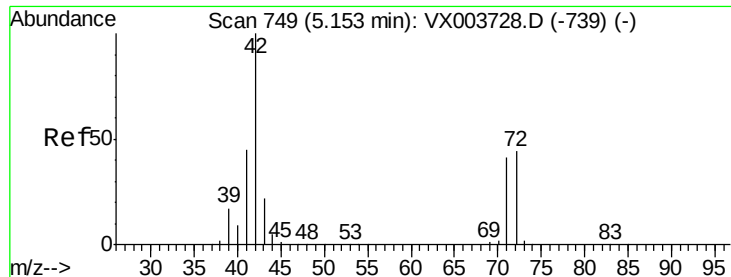
Bromochloromethane
Concen: 146.313 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion	Resp	Lower	Upper
49	116048		
Ion Ratio			
49	100		
129	2.1	0.0	4.0
130	83.2	68.9	103.3



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





#29

Tetrahydrofuran

Concen: 764.815 ug/l

RT: 5.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

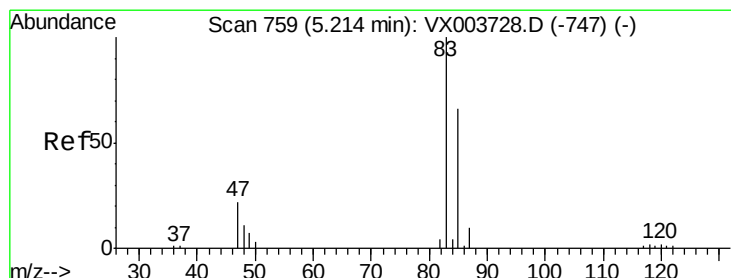
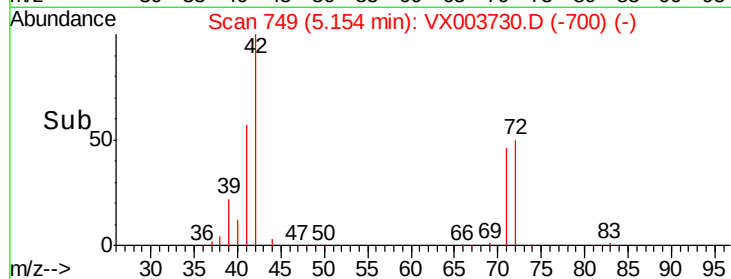
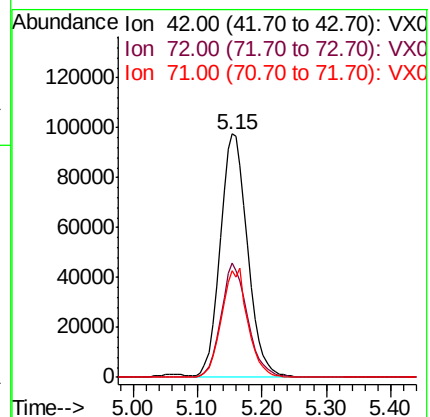
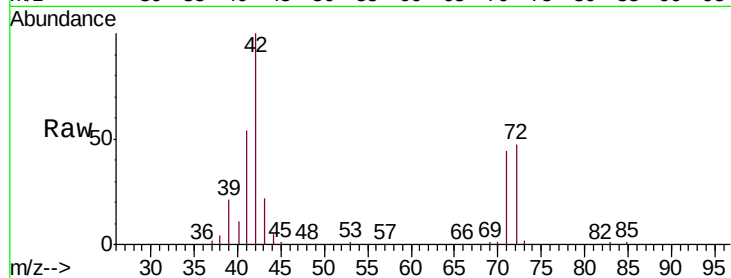
Tgt Ion: 42 Resp: 290963

Ion Ratio Lower Upper

42 100

72 45.6 35.6 53.4

71 43.1 33.4 50.0



#30

Chloroform

Concen: 151.436 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX003730.D

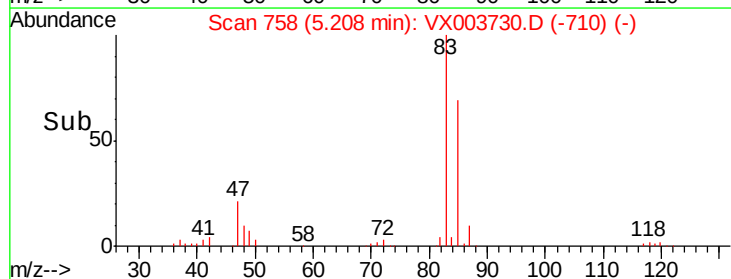
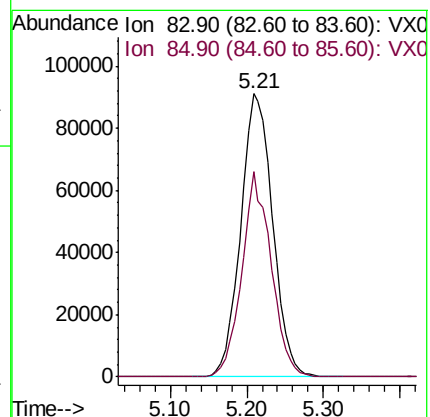
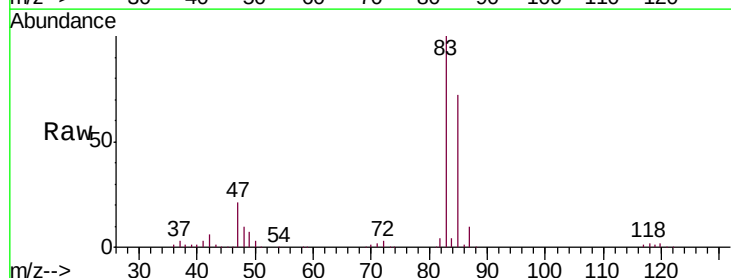
Acq: 30 Jul 2018 18:05

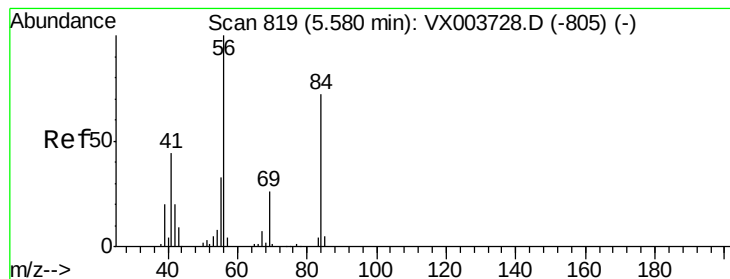
Tgt Ion: 83 Resp: 263855

Ion Ratio Lower Upper

83 100

85 72.5 52.8 79.2





#31

Cyclohexane

Concen: 151.007 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

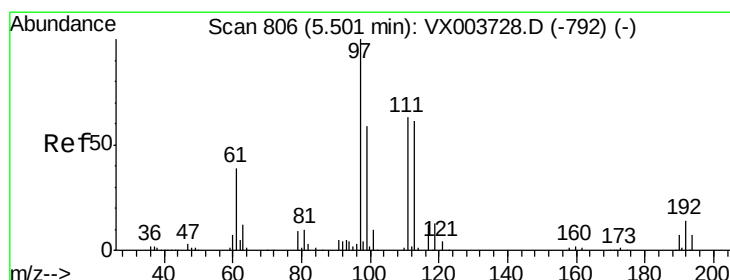
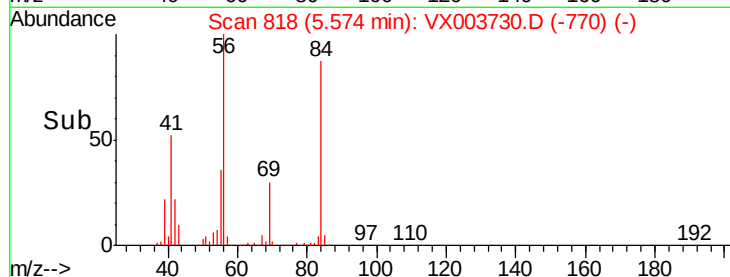
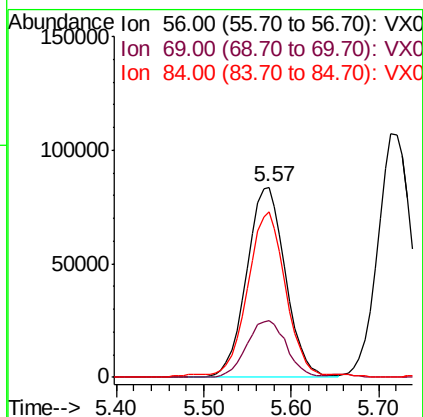
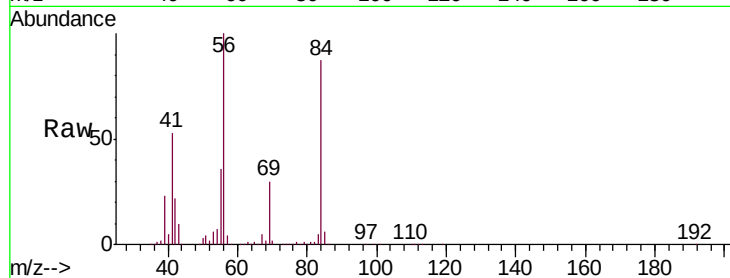
Tgt Ion: 56 Resp: 257922

Ion Ratio Lower Upper

56 100

69 29.6 20.6 30.8

84 85.6 57.9 86.9



#32

1,1,1-Trichloroethane

Concen: 153.925 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

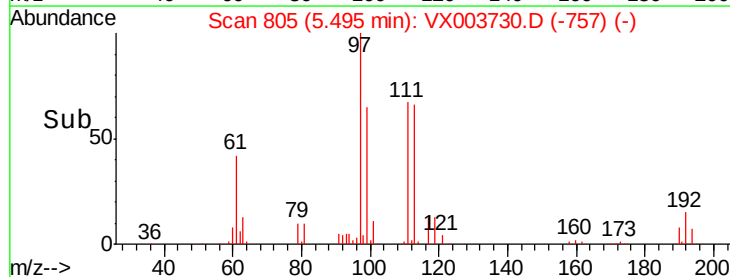
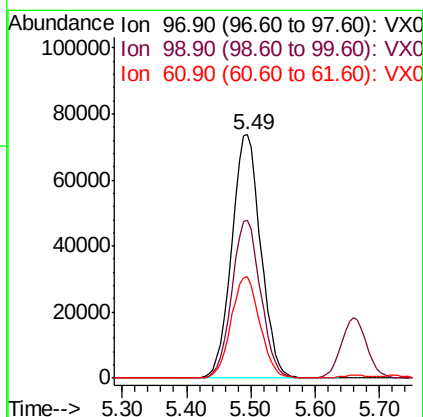
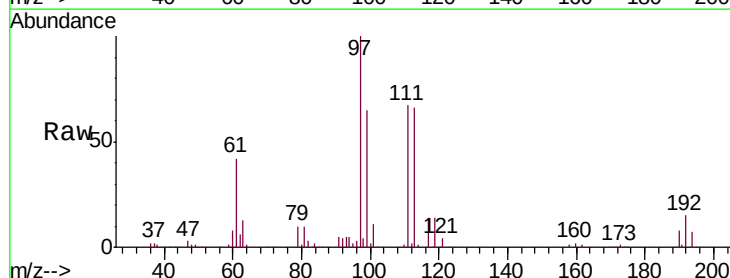
Tgt Ion: 97 Resp: 230501

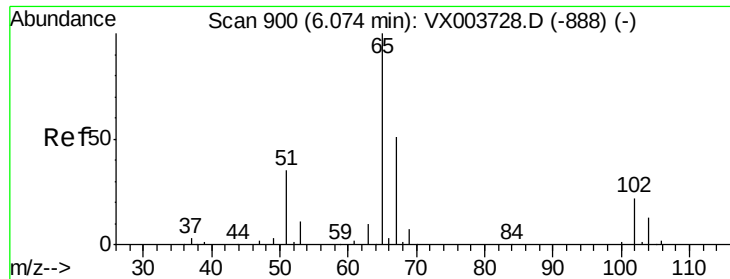
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

61 41.5 33.4 50.2

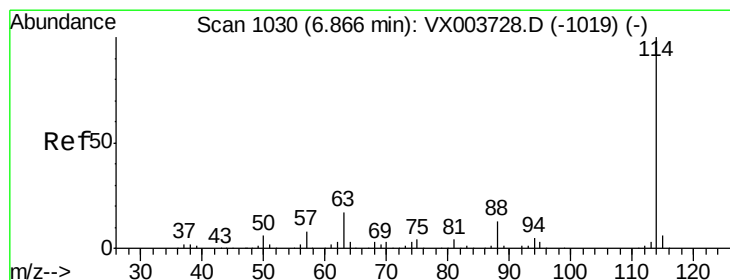
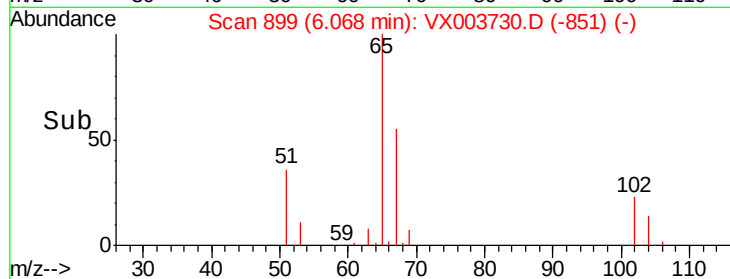
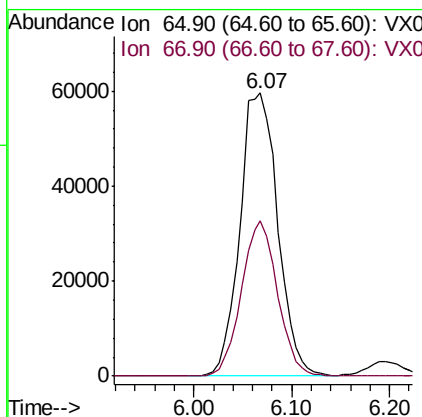
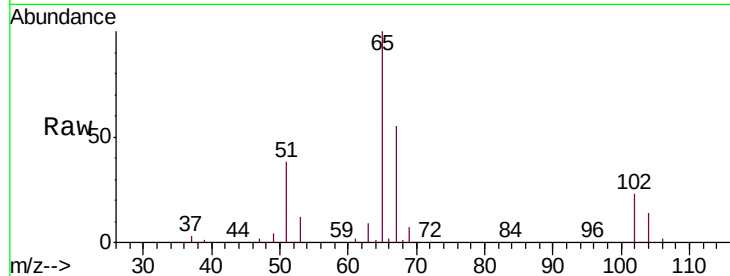




#33
 1,2-Dichloroethane-d4
 Concen: 149.124 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

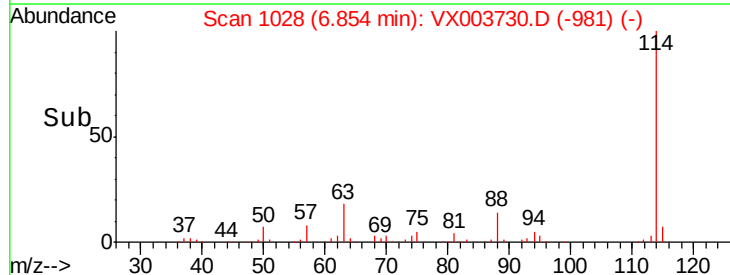
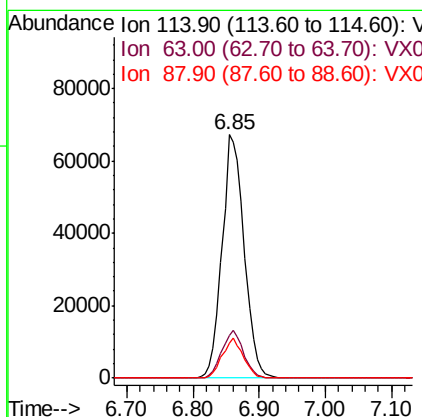
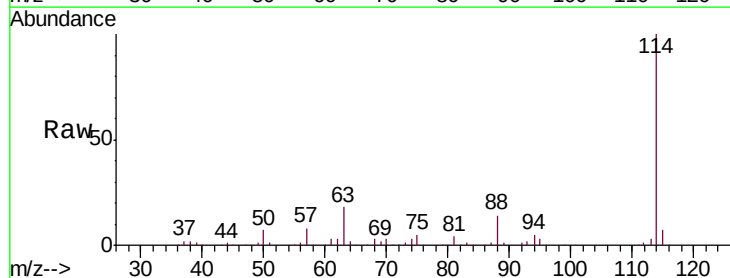
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

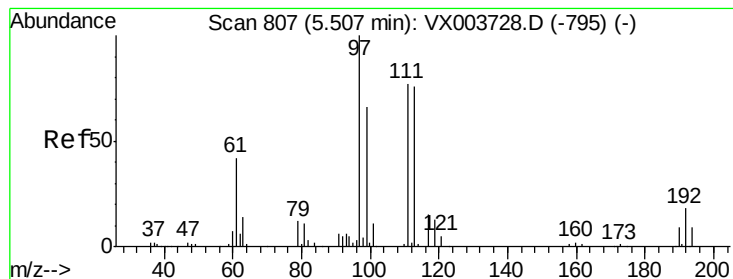
Tgt Ion: 65 Resp: 159873
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion: 114 Resp: 155745
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.0
 88 14.4 0.0 26.4





#35

Dibromofluoromethane

Concen: 156.957 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

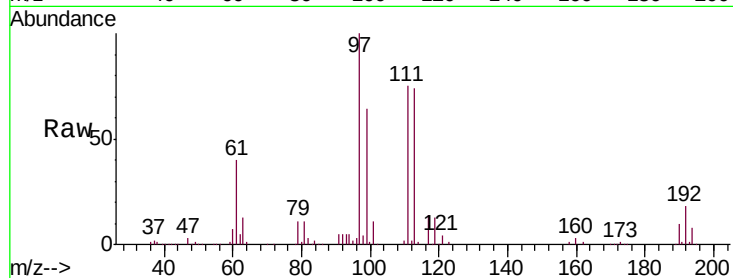
Tgt Ion:113 Resp: 143940

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

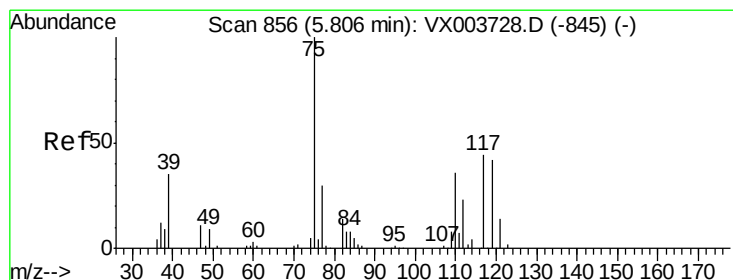
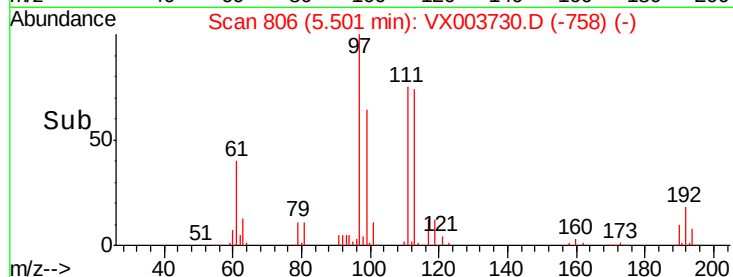
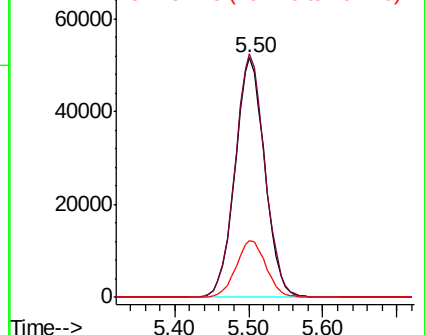
192 24.0 18.8 28.2



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: 147.091 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

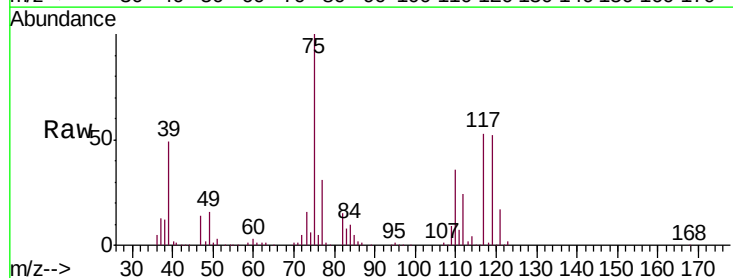
Tgt Ion: 75 Resp: 214539

Ion Ratio Lower Upper

75 100

110 37.0 18.3 54.8

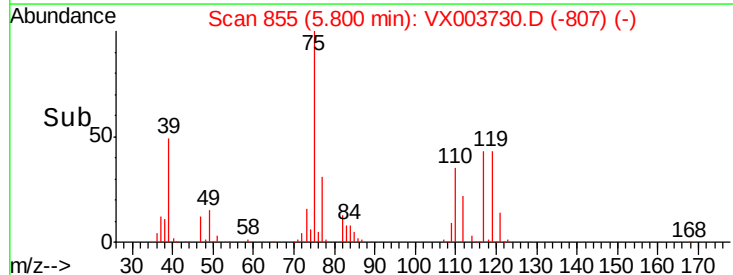
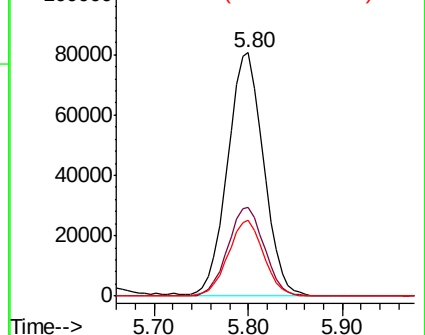
77 30.9 25.1 37.7

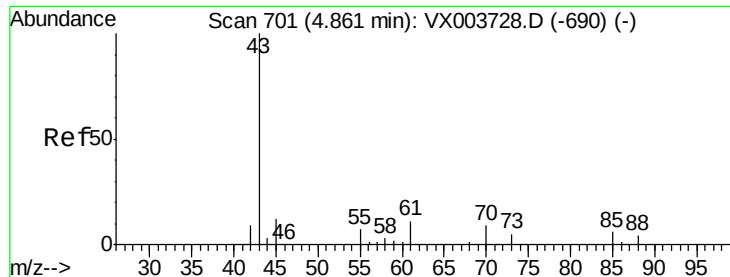


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

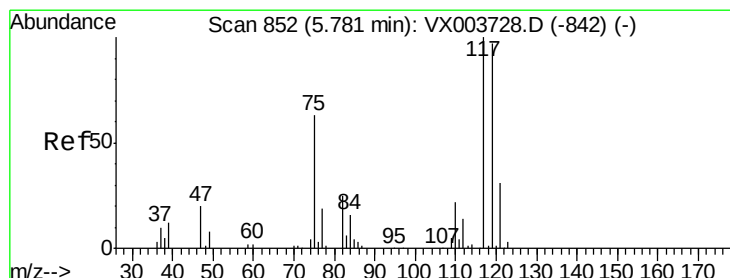
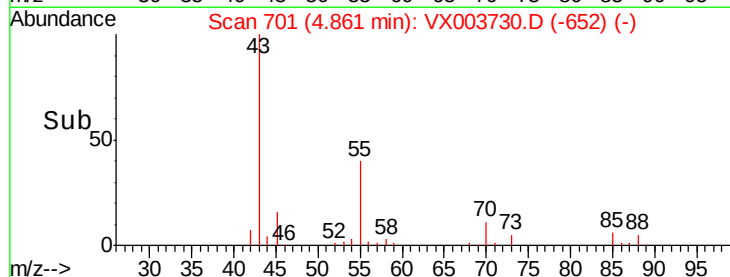
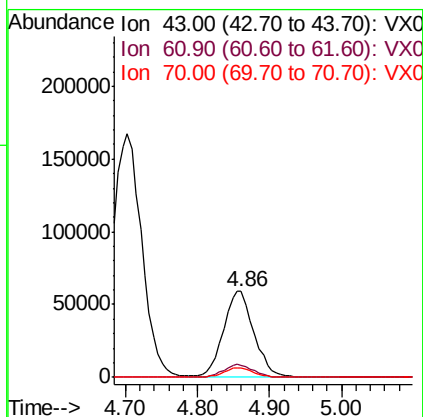
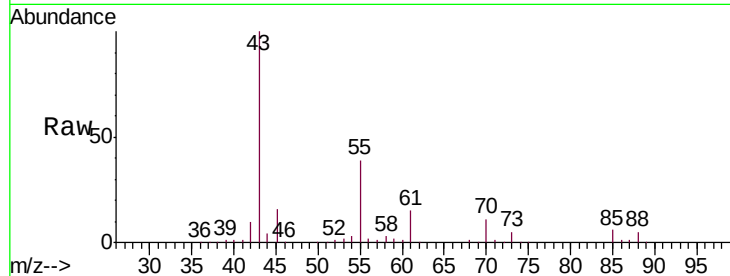




#37
Ethyl Acetate
Concen: 154.709 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

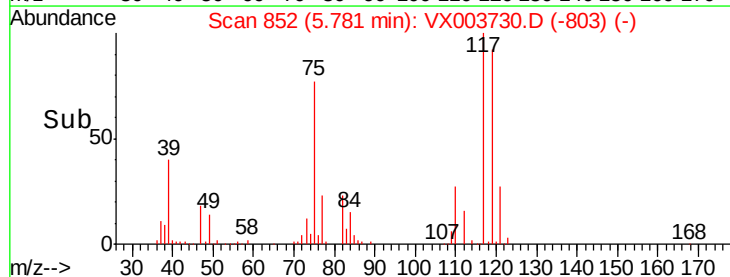
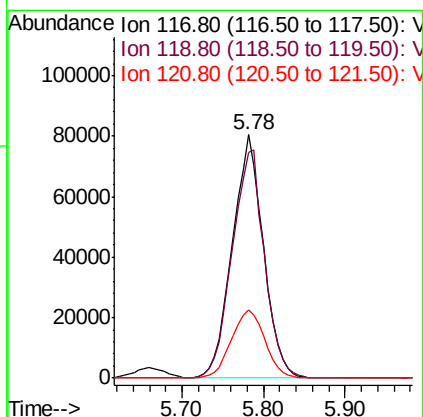
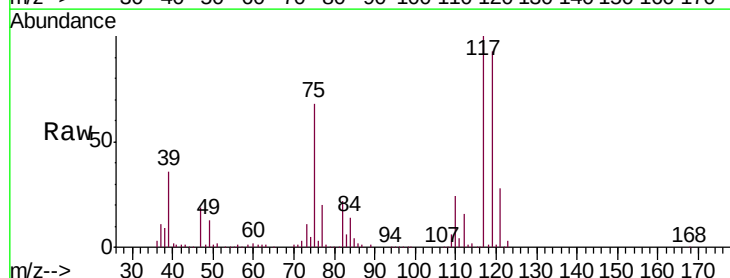
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

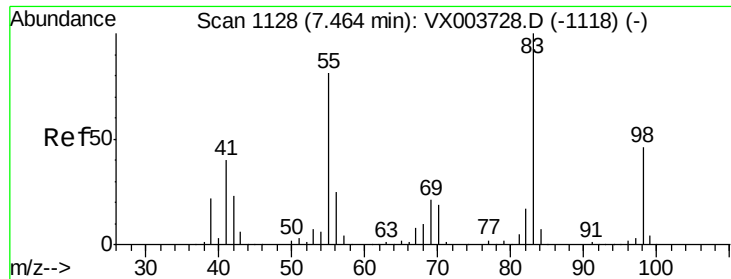
Tgt Ion: 43 Resp: 173335
Ion Ratio Lower Upper
43 100
61 14.8 11.4 17.0
70 10.9 8.2 12.2



#38
Carbon Tetrachloride
Concen: 156.903 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion: 117 Resp: 211678
Ion Ratio Lower Upper
117 100
119 92.9 77.2 115.8
121 27.9 25.0 37.4

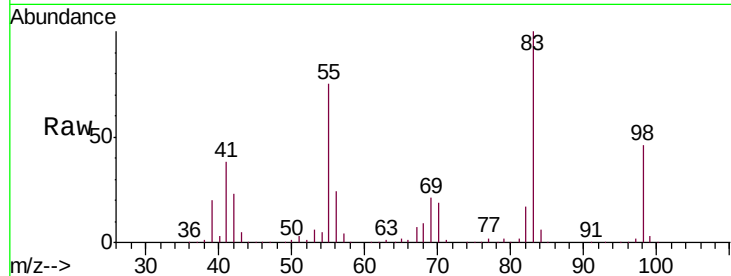




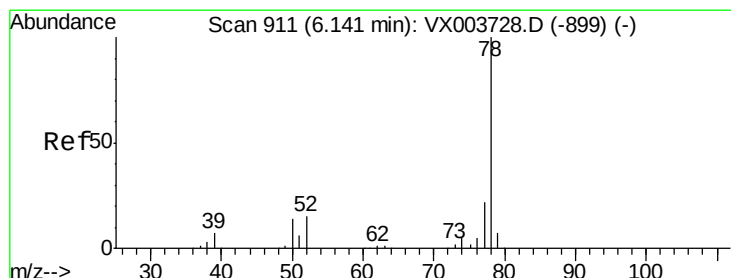
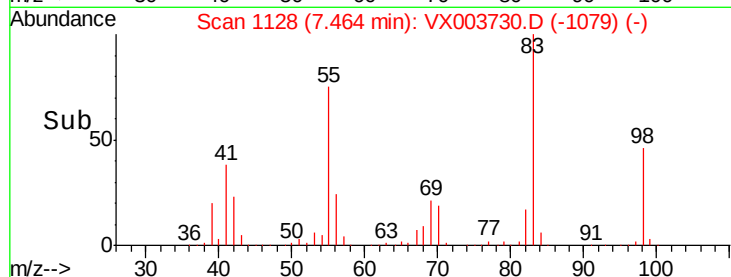
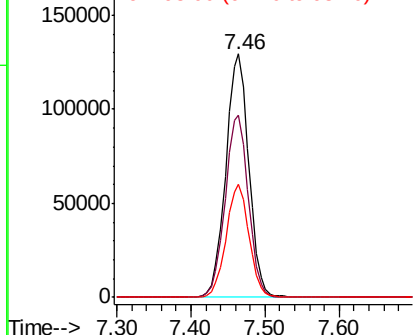
#39
Methylcyclohexane
Concen: 155.699 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 278813
Ion Ratio Lower Upper
83 100
55 74.9 65.0 97.6
98 46.3 37.1 55.7

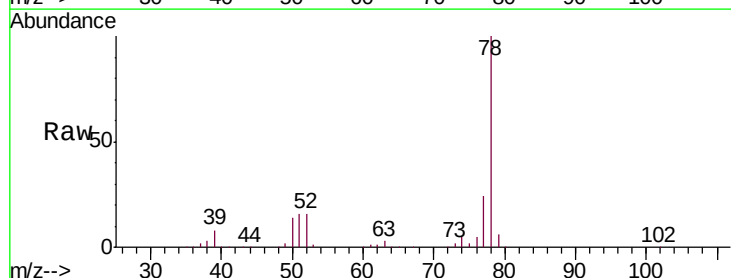


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

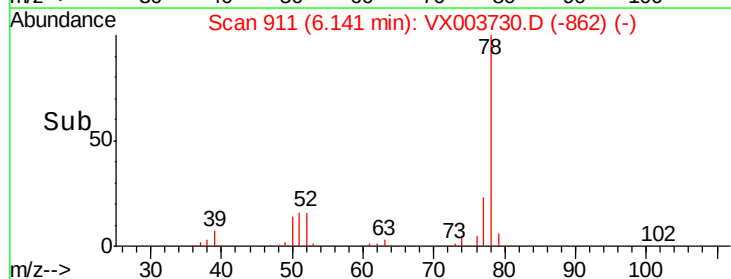
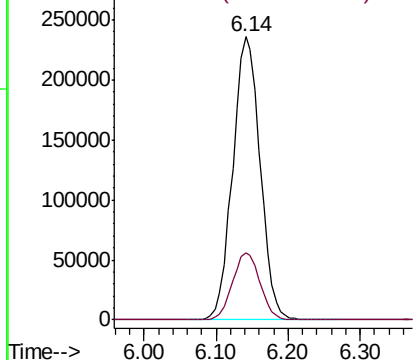


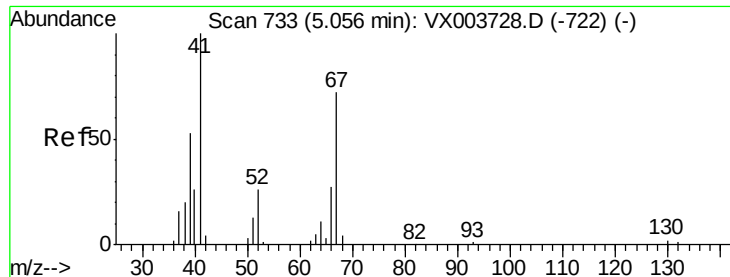
#40
Benzene
Concen: 148.727 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion: 78 Resp: 621636
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9



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

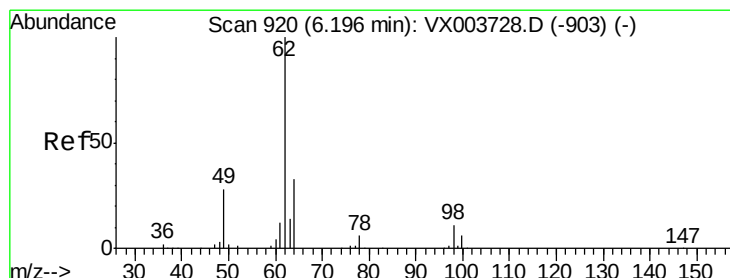
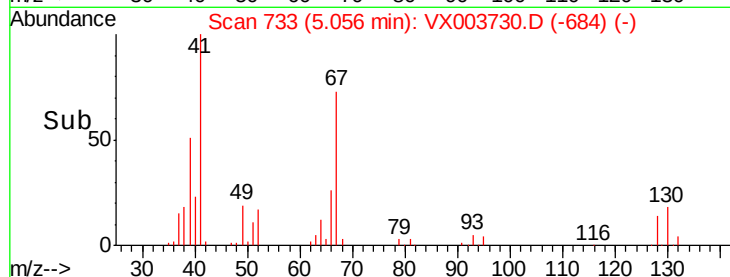
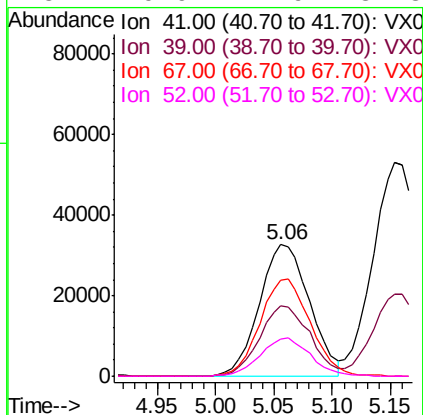
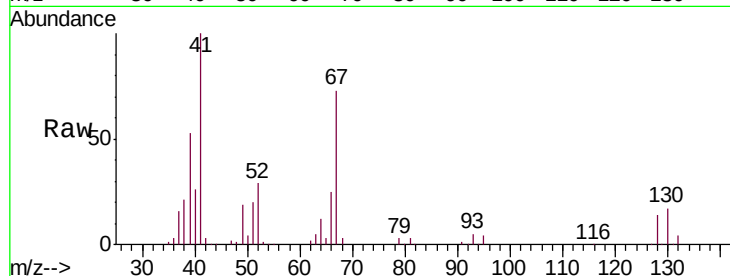




#41
Methacrylonitrile
Concen: 154.965 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

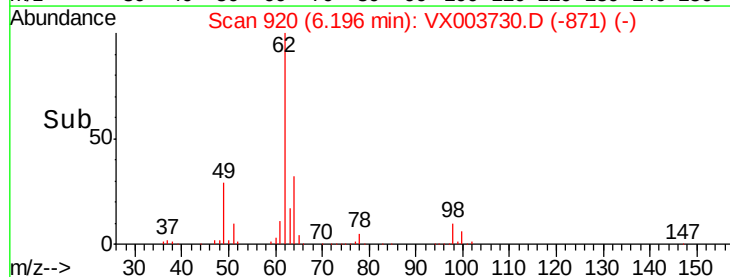
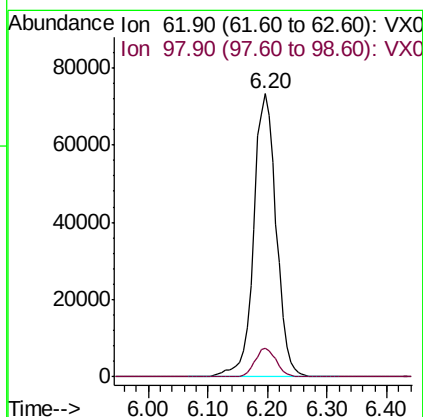
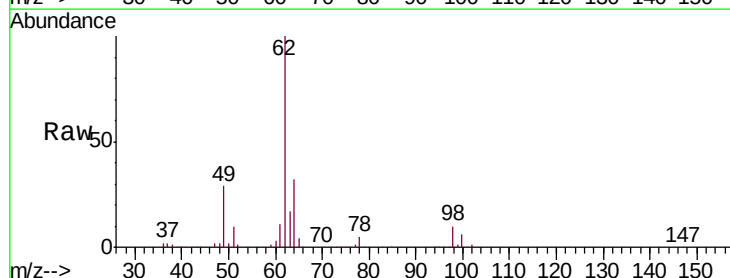
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

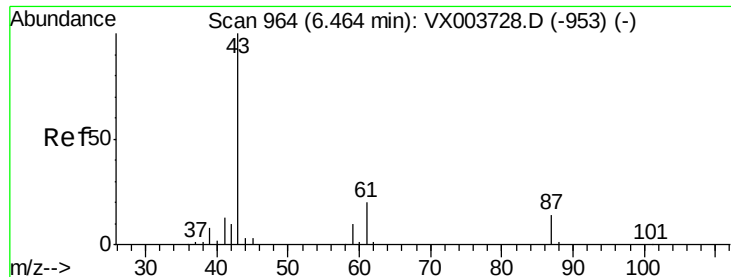
Tgt Ion:	41	Resp:	97864
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.6	64.0
67	74.3	58.9	88.3
52	29.9	22.9	34.3



#42
1,2-Dichloroethane
Concen: 151.863 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion:	62	Resp:	191715
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.4





#43

Isopropyl Acetate

Concen: 162.954 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

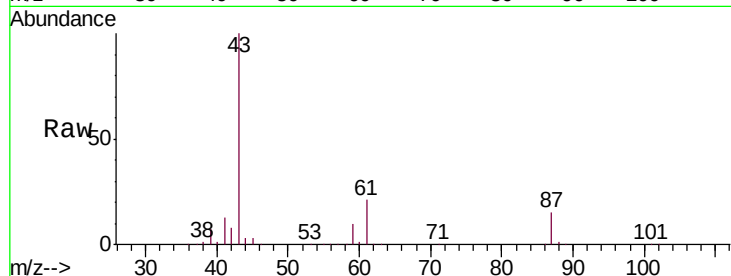
Tgt Ion: 43 Resp: 290894

Ion Ratio Lower Upper

43 100

61 20.9 16.5 24.7

87 14.1 10.7 16.1

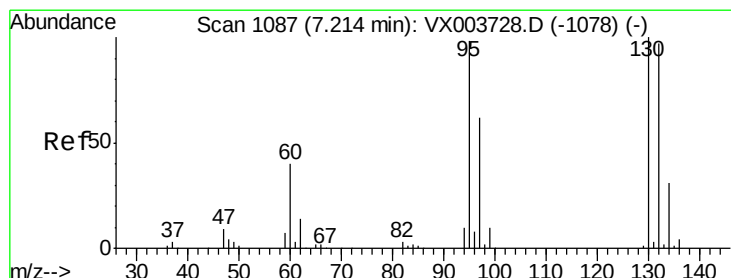
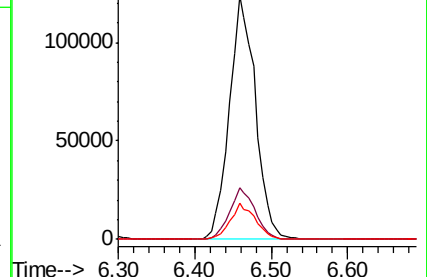
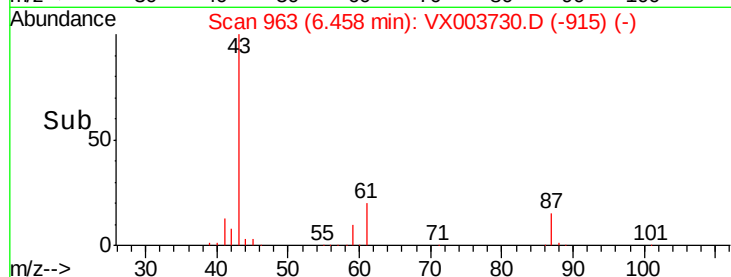


Abundance Ion 43.00 (42.70 to 43.70): VX003730.D (-915) (-)

Ion 61.00 (60.70 to 61.70): VX003730.D (-915) (-)

Ion 87.00 (86.70 to 87.70): VX003730.D (-915) (-)

6.46



#44

Trichloroethene

Concen: 146.040 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003730.D

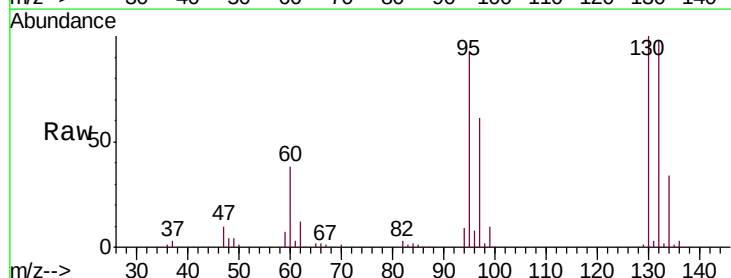
Acq: 30 Jul 2018 18:05

Tgt Ion: 130 Resp: 174129

Ion Ratio Lower Upper

130 100

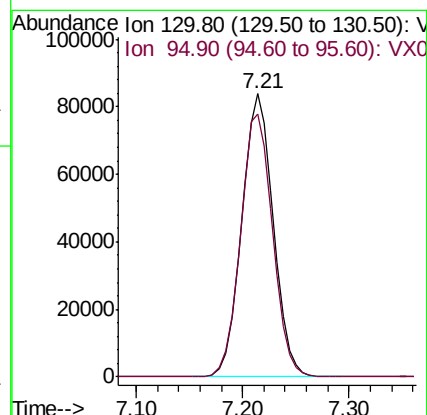
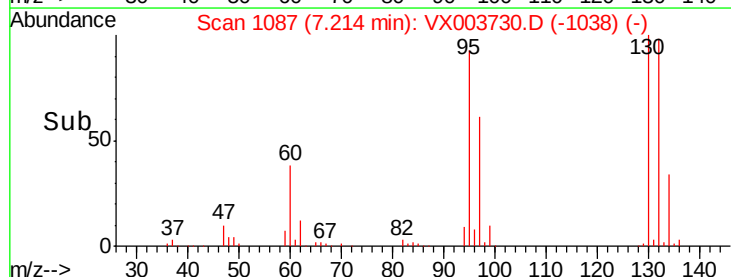
95 93.0 0.0 196.2

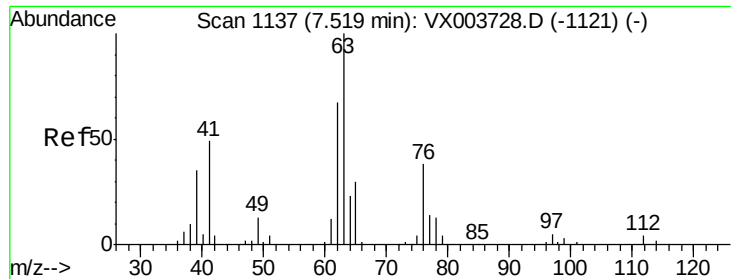


Abundance Ion 129.80 (129.50 to 130.50): VX003730.D (-1038) (-)

Ion 94.90 (94.60 to 95.60): VX003730.D (-1038) (-)

7.21

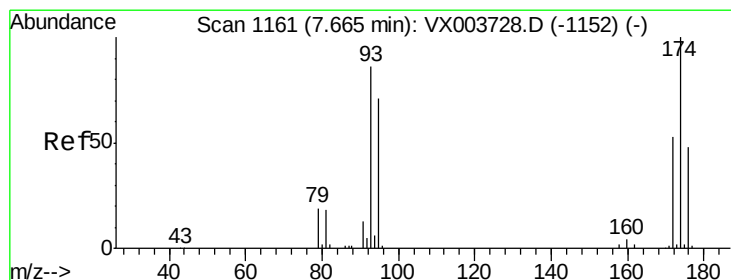
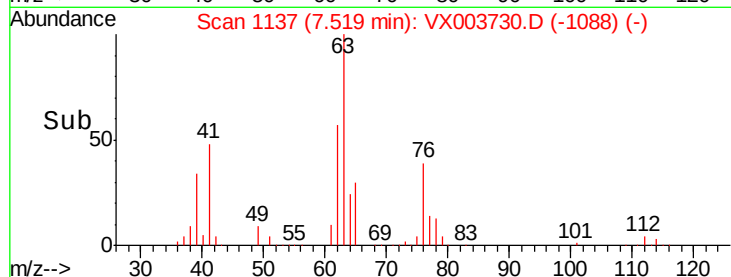
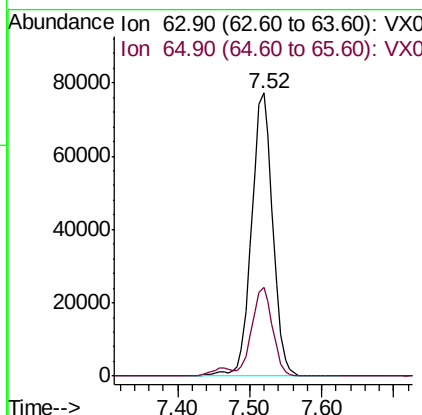
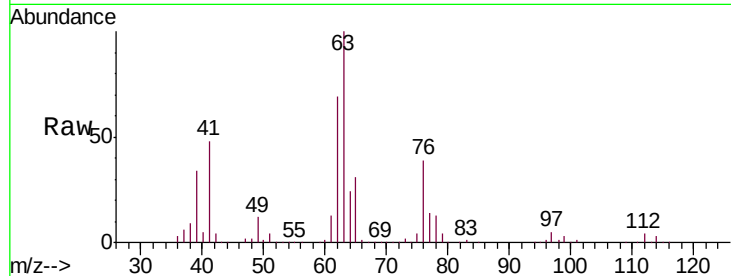




#45
 1,2-Dichloropropane
 Concen: 153.732 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

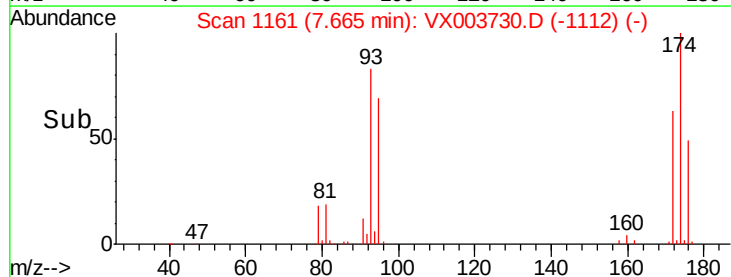
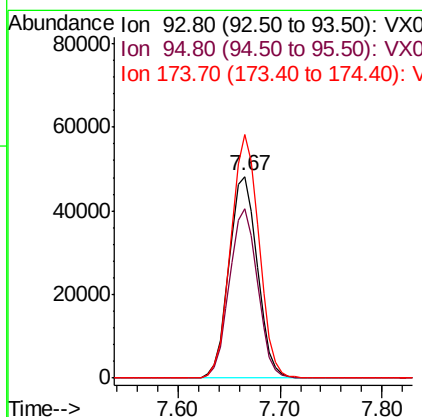
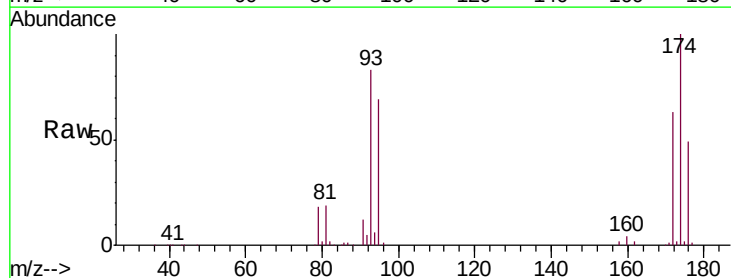
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

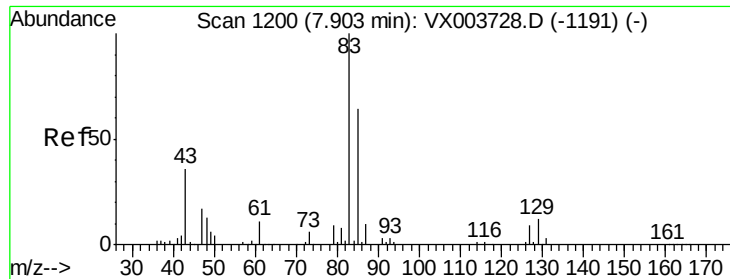
Tgt Ion: 63 Resp: 158015
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.7 35.5



#46
 Dibromomethane
 Concen: 156.074 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion: 93 Resp: 92446
 Ion Ratio Lower Upper
 93 100
 95 83.6 68.1 102.1
 174 119.4 96.2 144.4





#47

Bromodichloromethane

Concen: 164.134 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

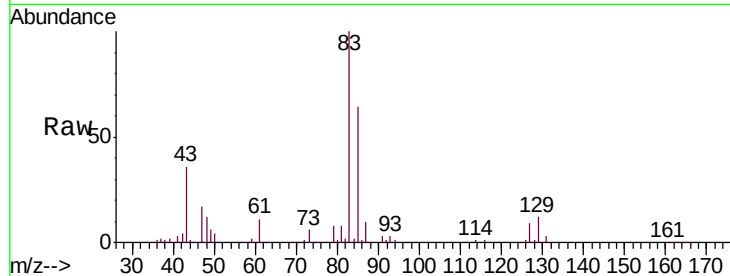
Tgt Ion: 83 Resp: 193741

Ion Ratio Lower Upper

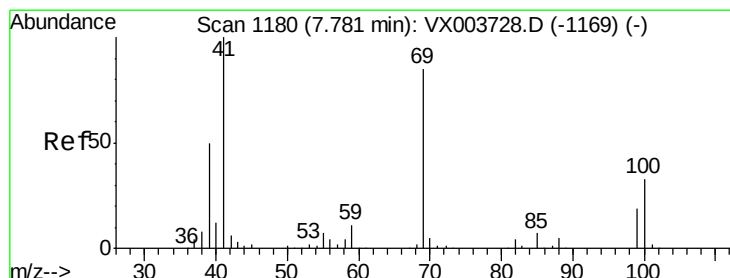
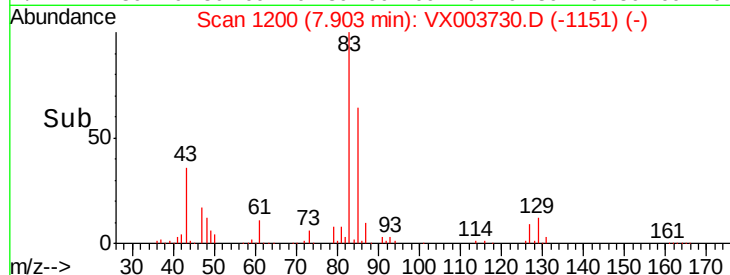
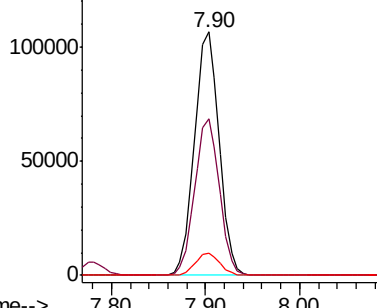
83 100

85 64.4 51.1 76.7

127 9.1 7.1 10.7



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: 164.179 ug/l

RT: 7.78 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

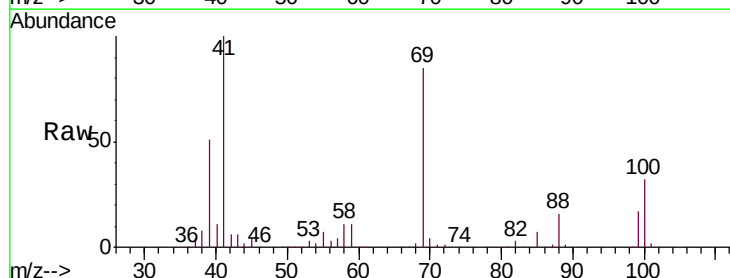
Tgt Ion: 41 Resp: 147011

Ion Ratio Lower Upper

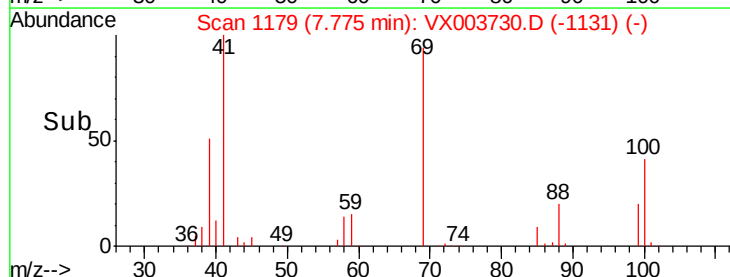
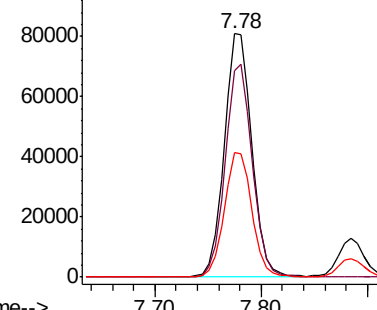
41 100

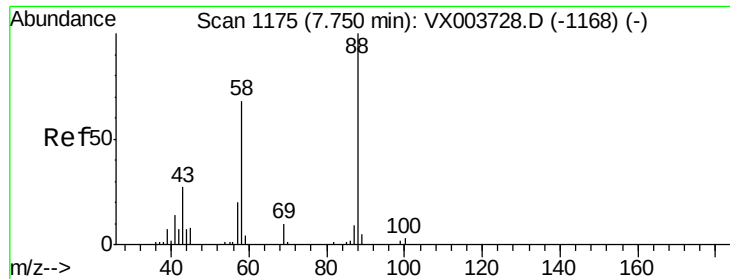
69 86.0 68.7 103.1

39 51.0 40.8 61.2



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

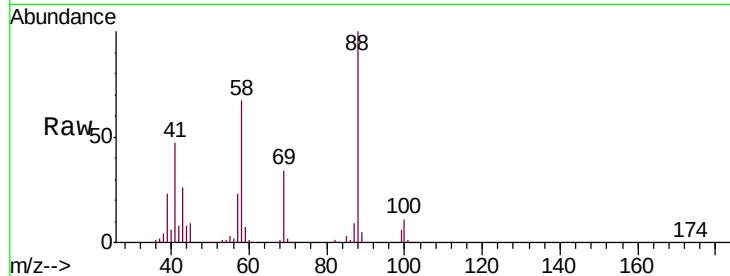




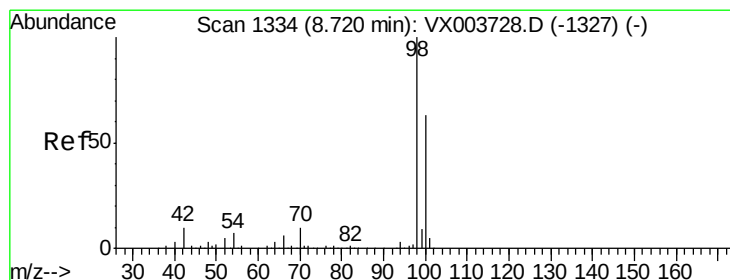
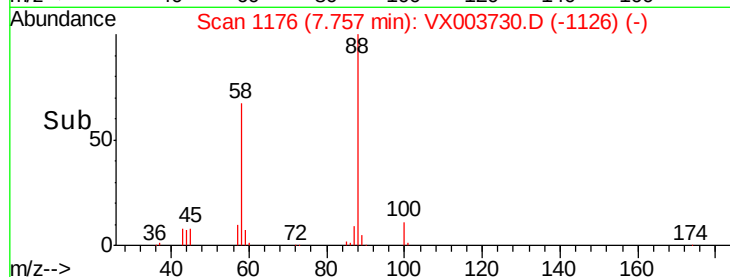
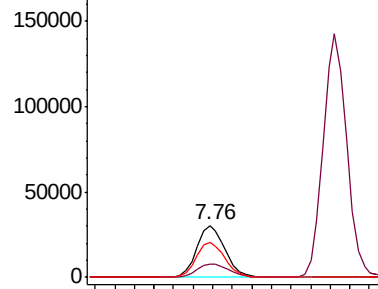
#49
 1,4-Dioxane
 Concen: 3310.975 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 59838
 Ion Ratio Lower Upper
 88 100
 43 30.6 26.0 39.0
 58 70.2 57.1 85.7

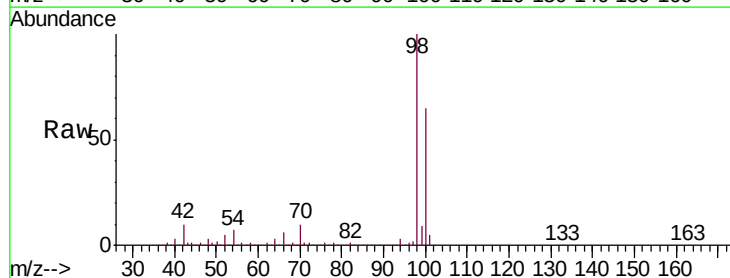


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

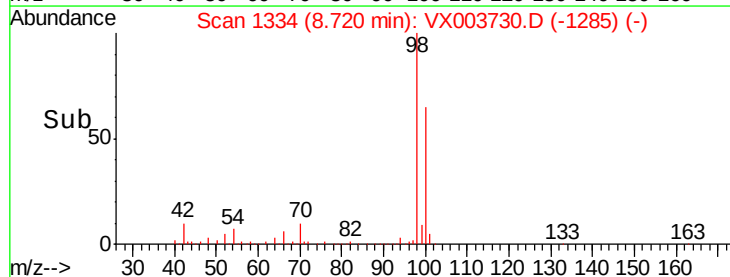
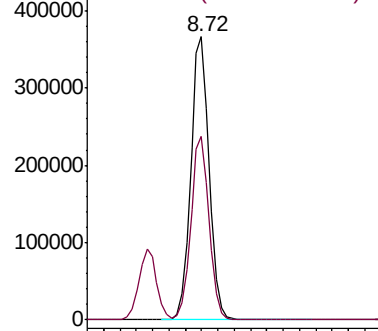


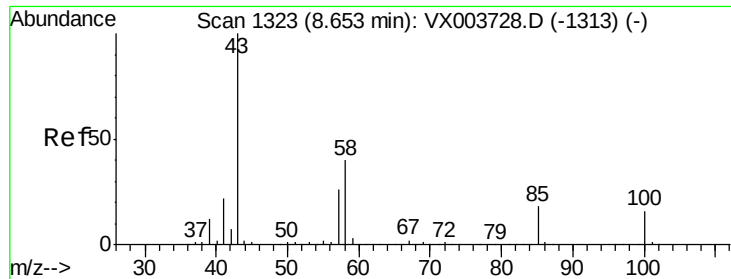
#50
 Toluene-d8
 Concen: 150.050 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion: 98 Resp: 573727
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 815.185 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

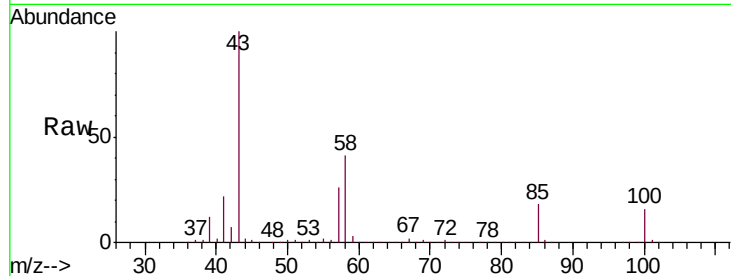
VSTDIC150

Tgt Ion: 43 Resp: 894319

Ion Ratio Lower Upper

43 100

58 40.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

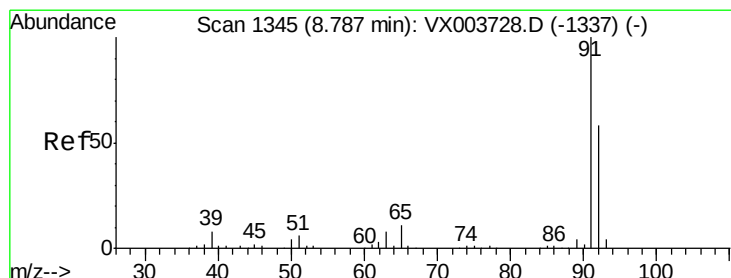
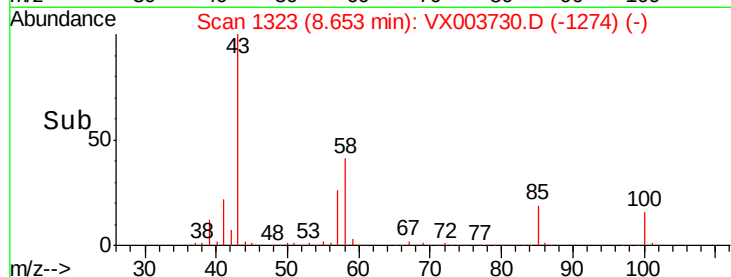
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 150.676 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003730.D

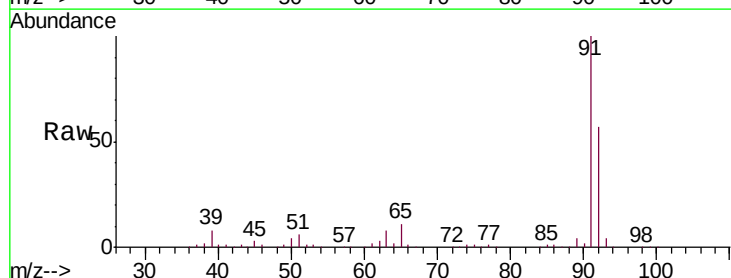
Acq: 30 Jul 2018 18:05

Tgt Ion: 92 Resp: 392852

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

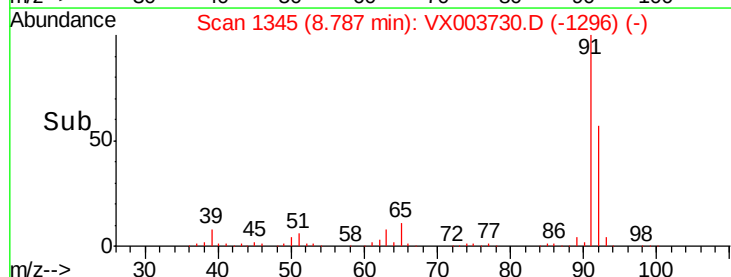
300000

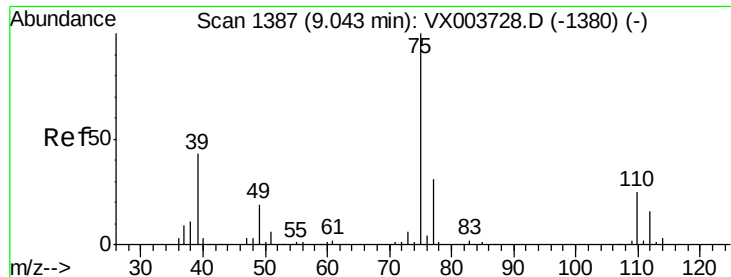
200000

100000

0

Time-->

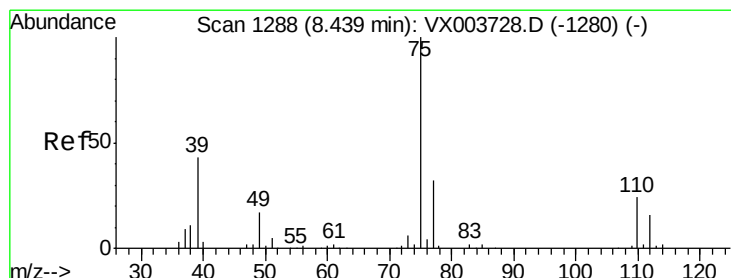
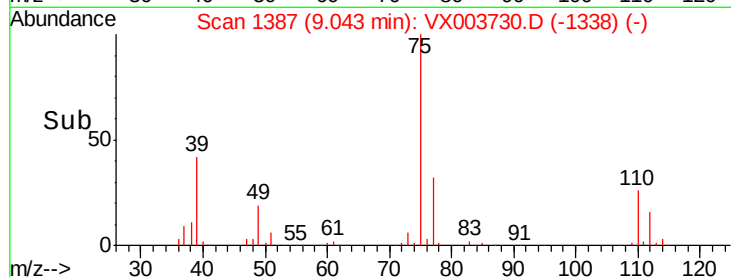
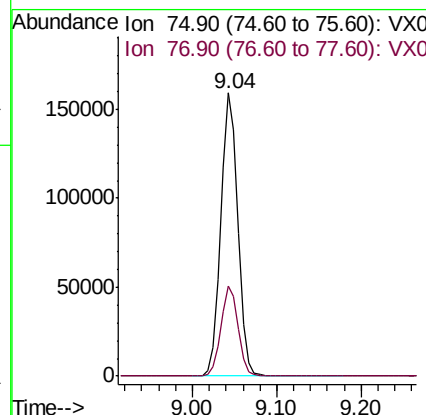
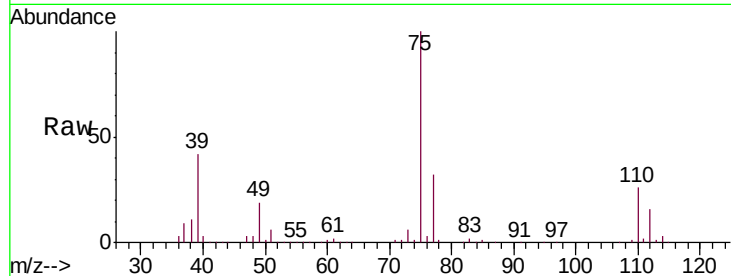




#53
 t-1,3-Dichloropropene
 Concen: 165.783 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

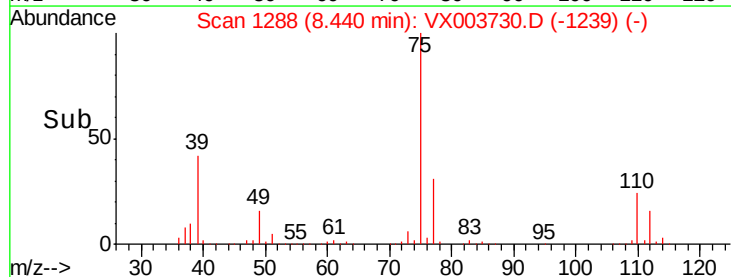
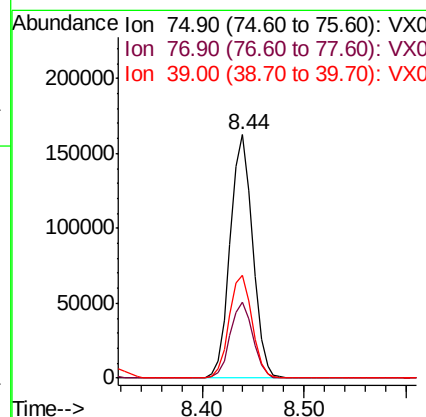
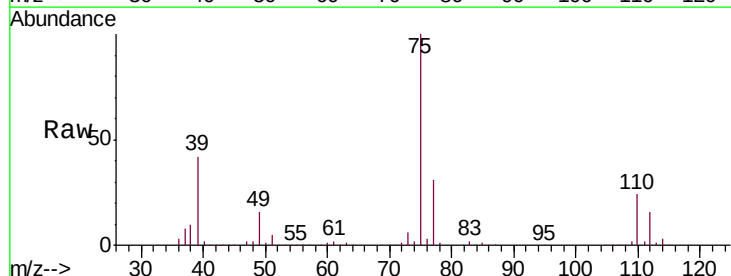
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

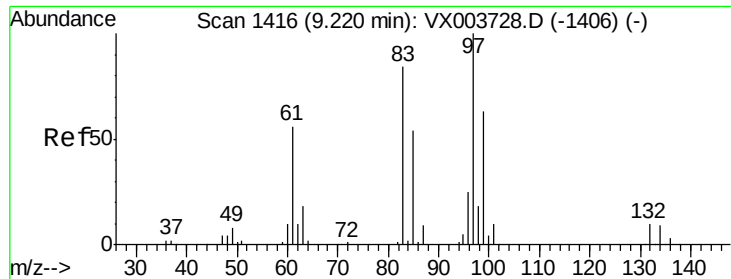
Tgt Ion: 75 Resp: 223499
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 165.347 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion: 75 Resp: 248469
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 42.3 34.1 51.1

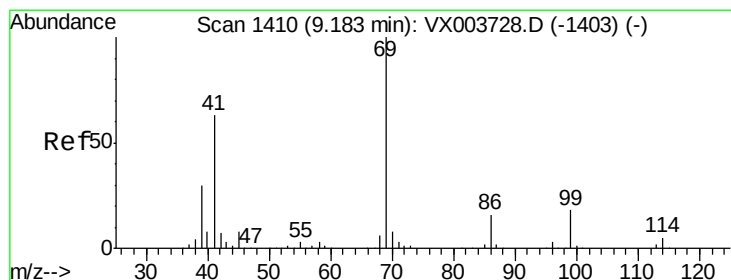
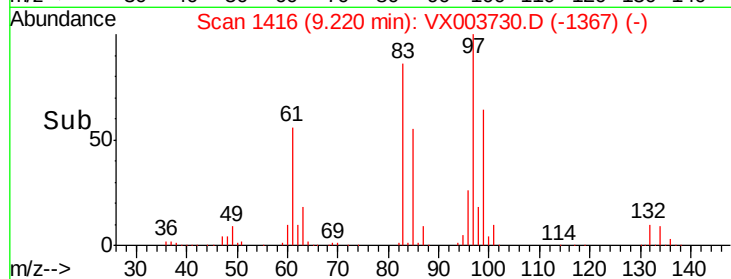
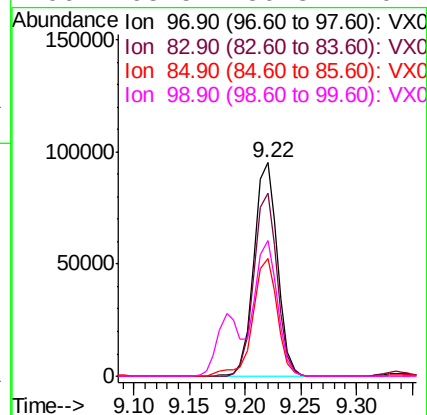
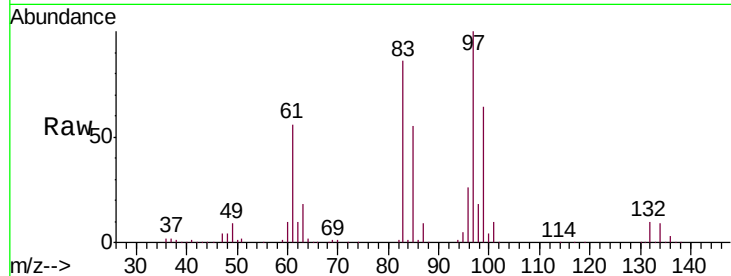




#55
 1,1,2-Trichloroethane
 Concen: 156.304 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

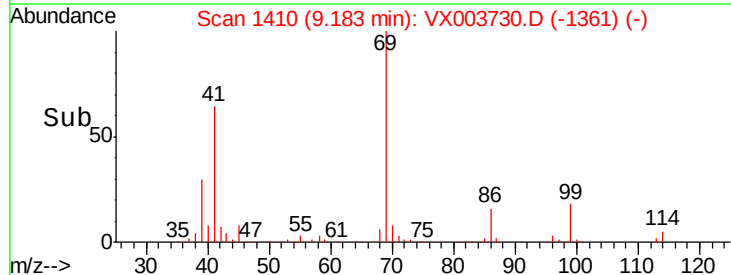
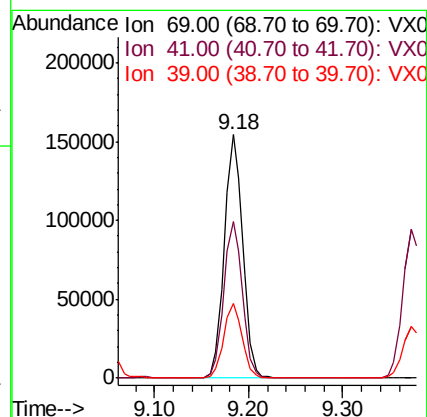
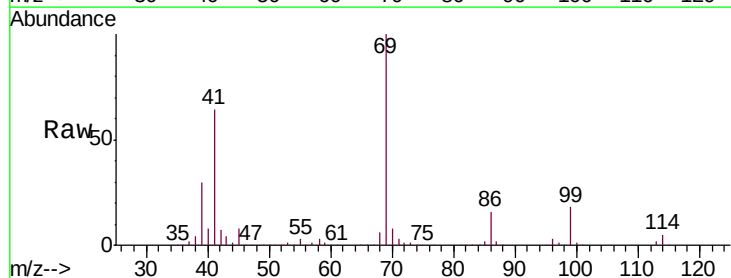
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

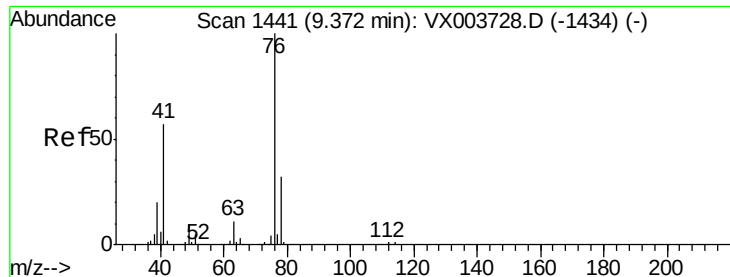
Tgt Ion: 97 Resp: 140254
 Ion Ratio Lower Upper
 97 100
 83 85.8 67.4 101.0
 85 55.4 43.3 64.9
 99 63.5 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 170.083 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion: 69 Resp: 209639
 Ion Ratio Lower Upper
 69 100
 41 64.8 51.6 77.4
 39 30.6 25.1 37.7

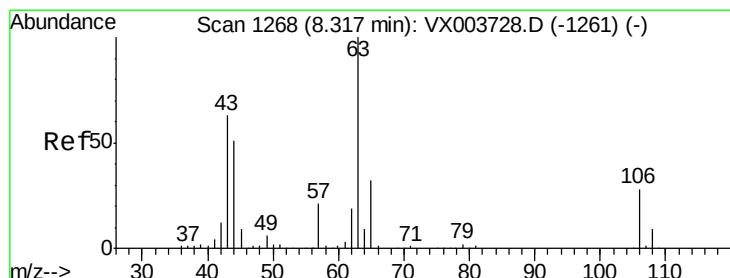
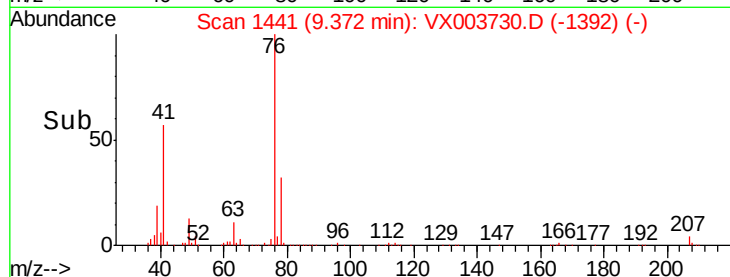
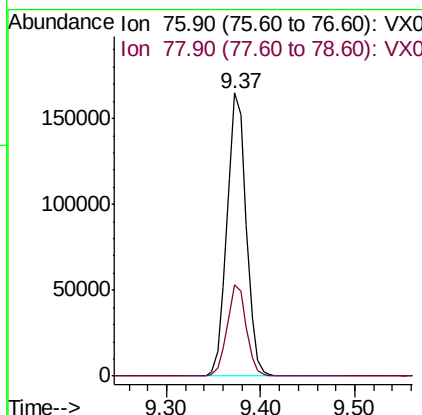
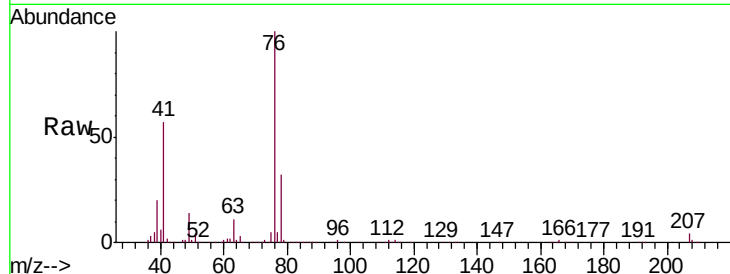




#57
 1,3-Dichloropropane
 Concen: 154.934 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

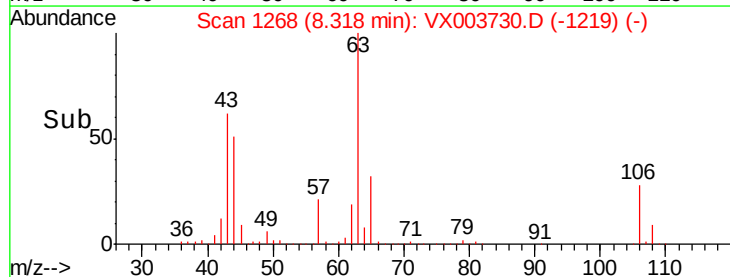
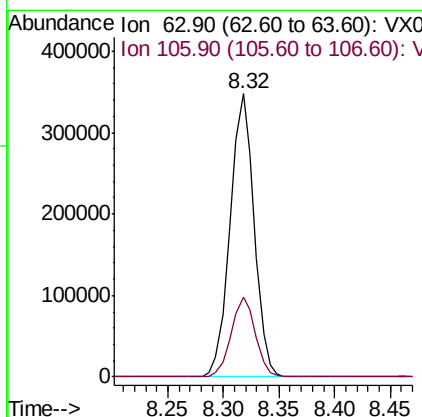
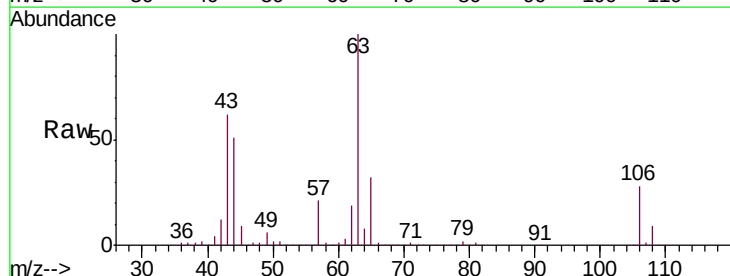
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

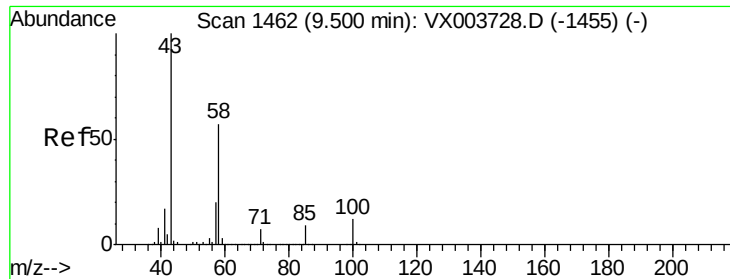
Tgt Ion: 76 Resp: 233375
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 878.221 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion: 63 Resp: 517844
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.5 33.7

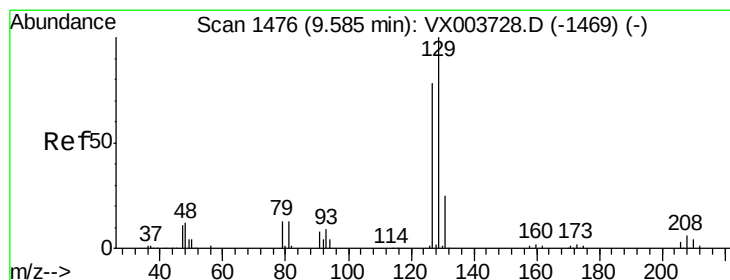
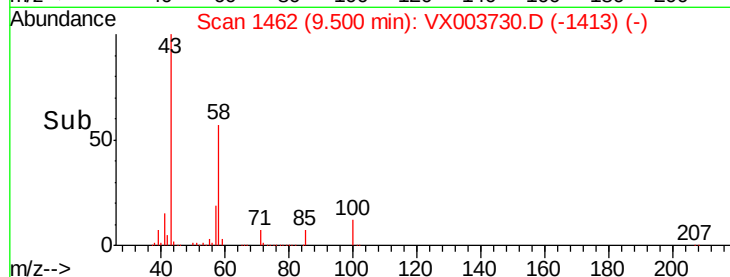
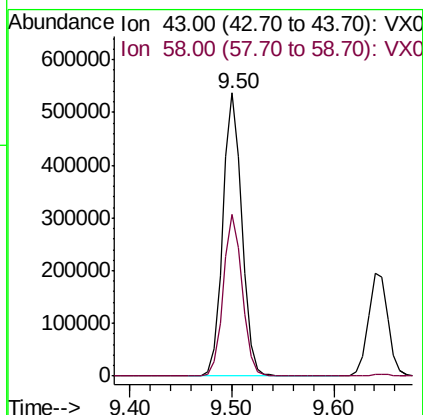
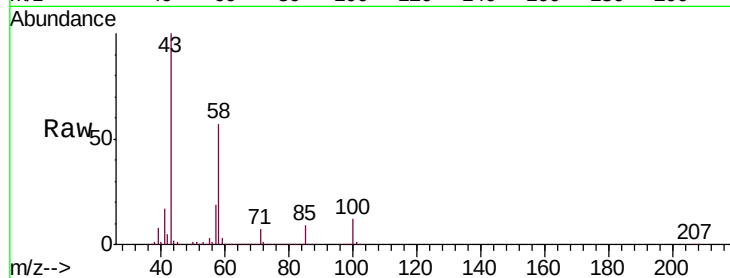




#59
2-Hexanone
Concen: 833.602 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

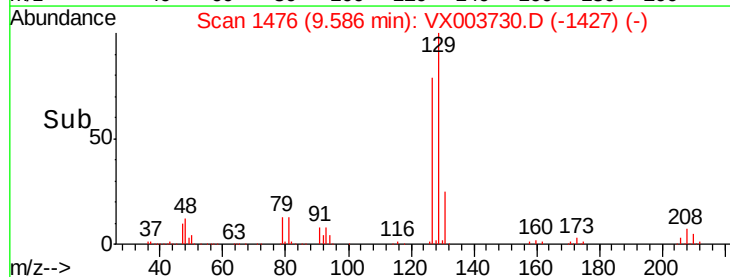
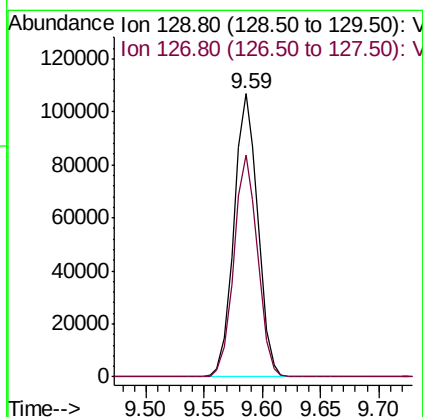
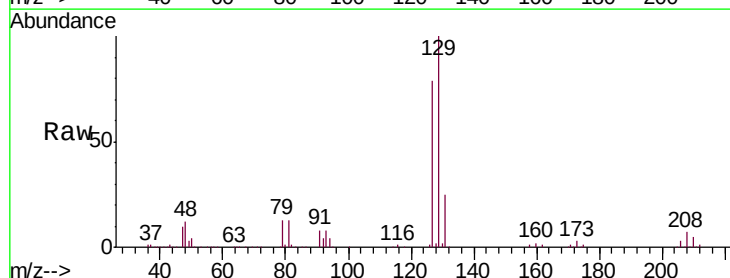
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

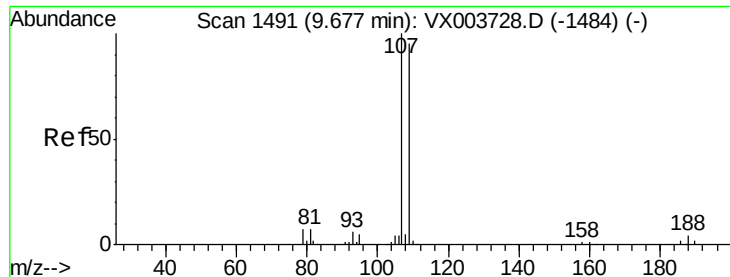
Tgt Ion: 43 Resp: 696703
Ion Ratio Lower Upper
43 100
58 56.7 28.0 83.9



#60
Dibromochloromethane
Concen: 168.548 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion: 129 Resp: 152314
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61

1,2-Dibromoethane

Concen: 157.771 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

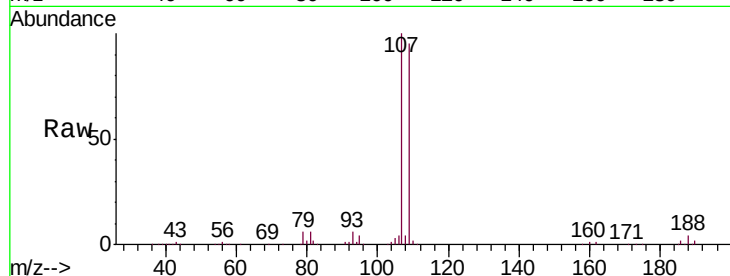
VSTDIC150

Tgt Ion: 107 Resp: 144544

Ion Ratio Lower Upper

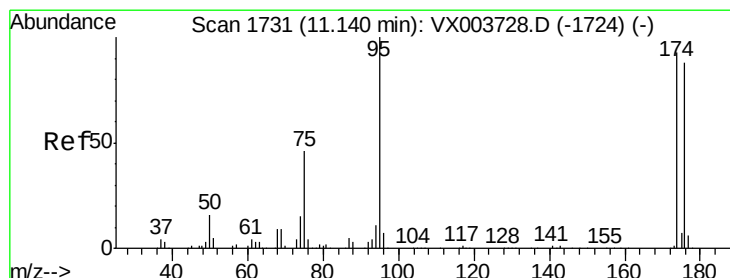
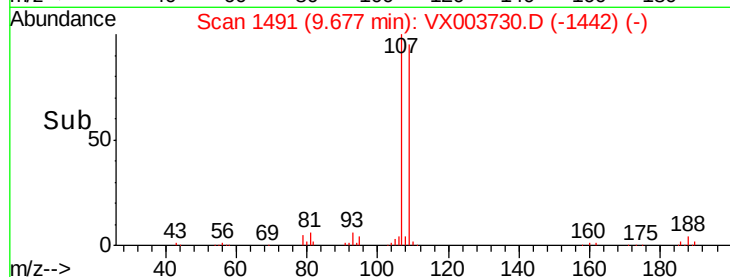
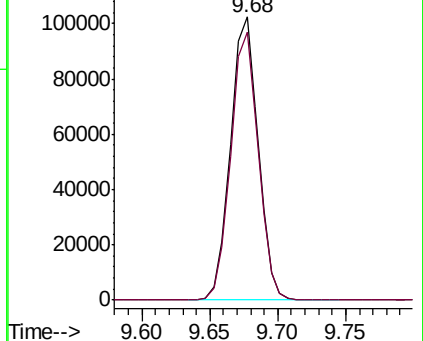
107 100

109 94.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 151.933 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

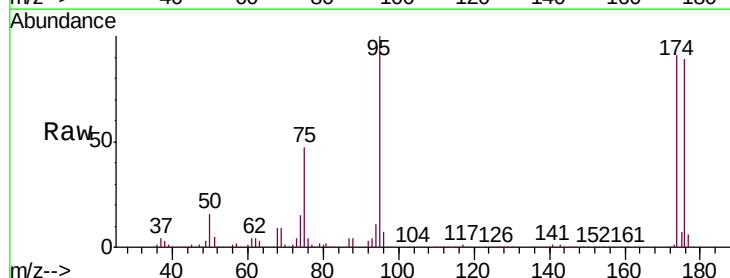
Tgt Ion: 95 Resp: 214191

Ion Ratio Lower Upper

95 100

174 93.9 0.0 186.2

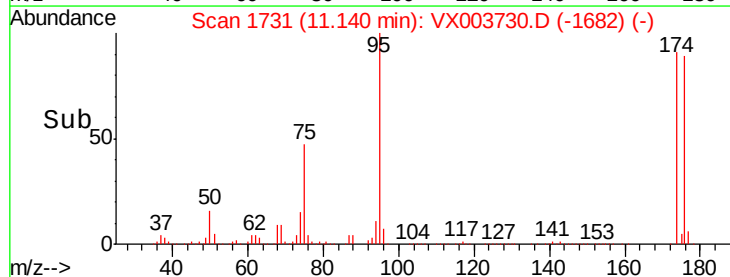
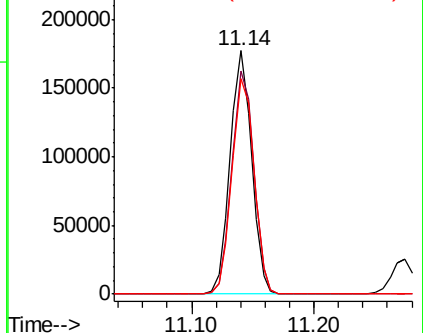
176 91.3 0.0 179.2

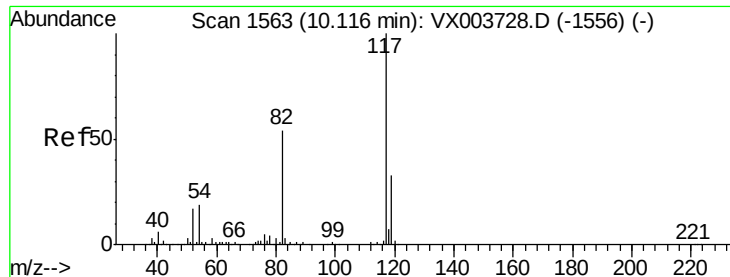


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

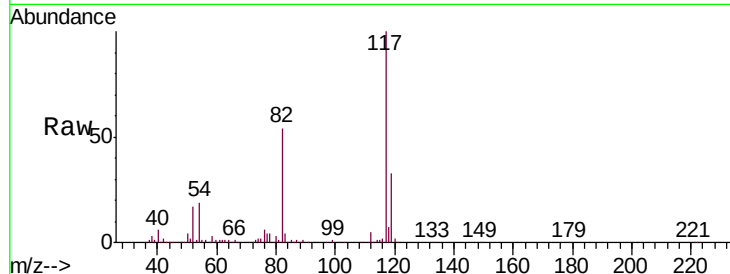




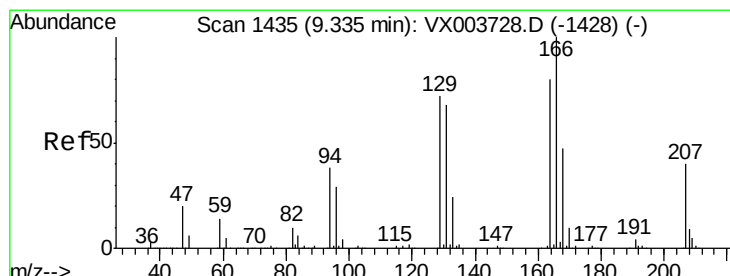
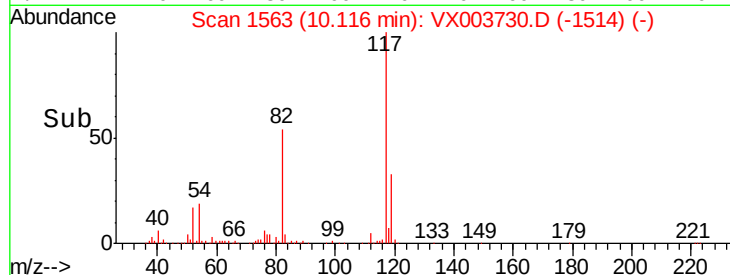
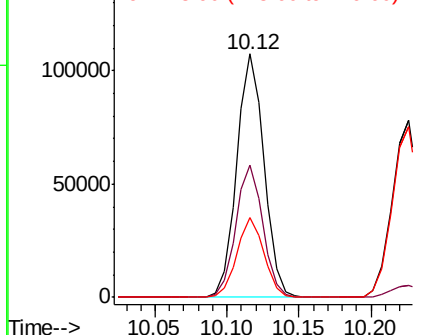
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 141909
Ion Ratio Lower Upper
117 100
82 54.2 43.2 64.8
119 32.9 26.3 39.5

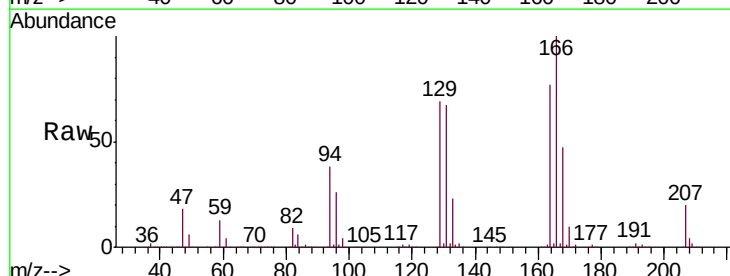


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

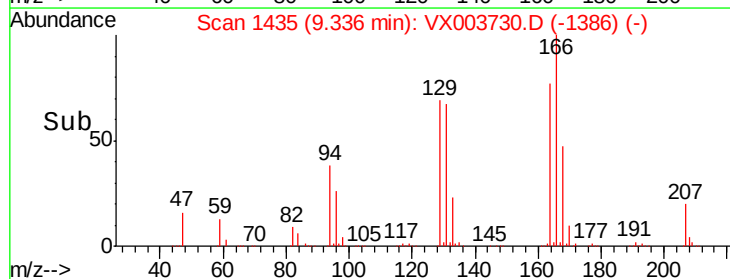
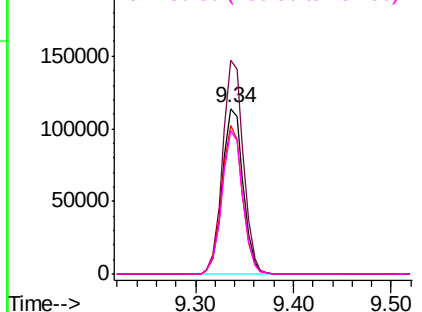


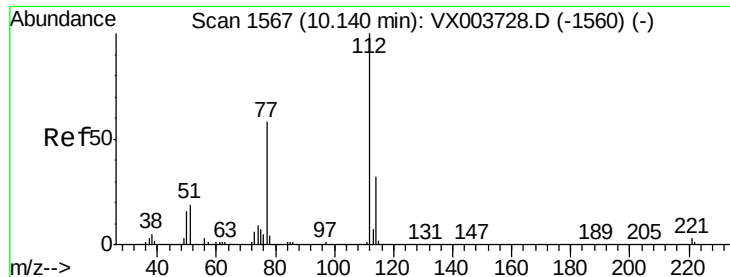
#64
Tetrachloroethene
Concen: 150.851 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion:164 Resp: 168265
Ion Ratio Lower Upper
164 100
166 129.1 100.4 150.6
129 89.7 71.8 107.8
131 86.6 68.3 102.5



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: 150.010 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

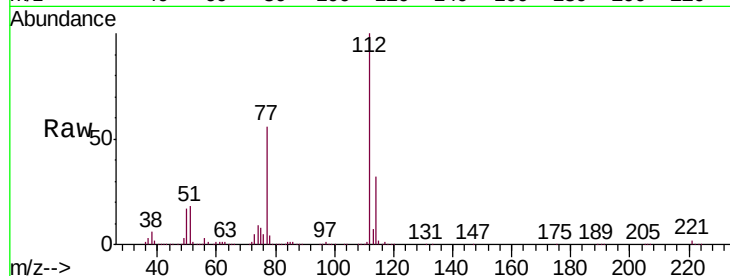
VSTDIC150

Tgt Ion:112 Resp: 444847

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

300000

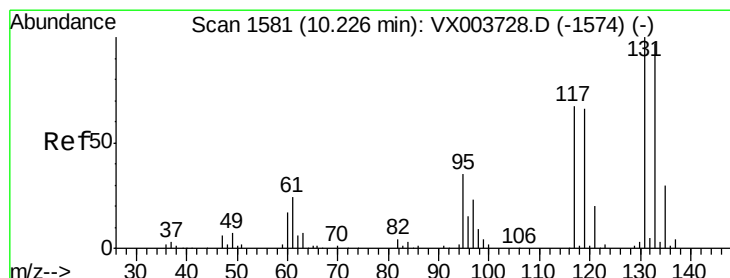
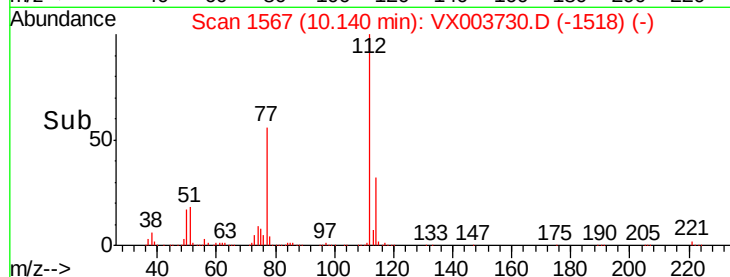
200000

100000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 161.355 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

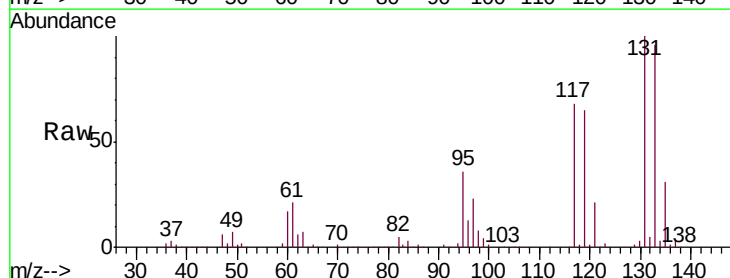
Tgt Ion:131 Resp: 156037

Ion Ratio Lower Upper

131 100

133 96.0 47.6 142.9

119 65.4 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

10.23

150000

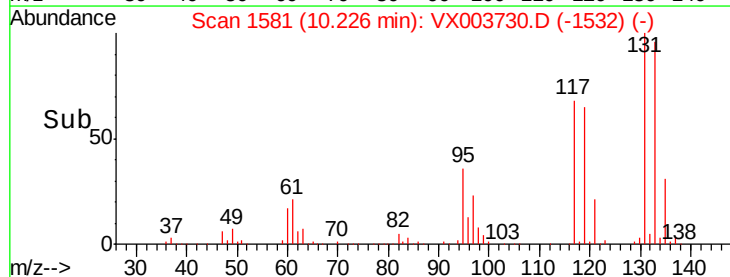
100000

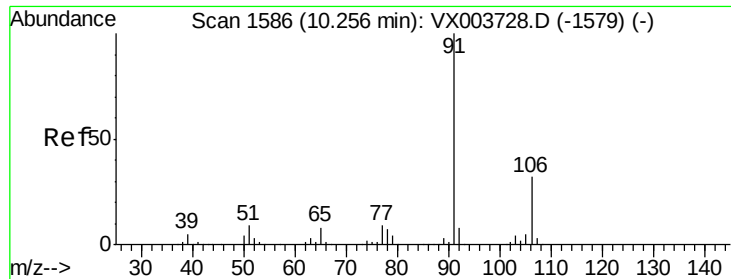
50000

0

Time-->

10.15 10.20 10.25 10.30





#67

Ethyl Benzene

Concen: 154.443 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampled :

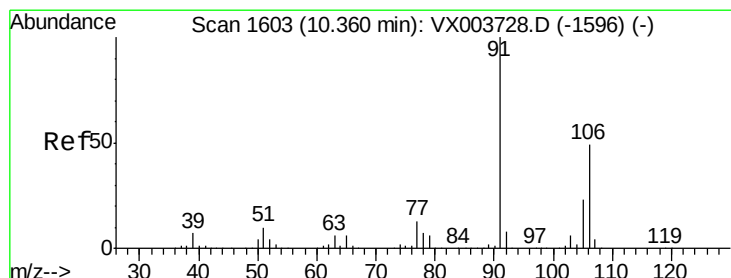
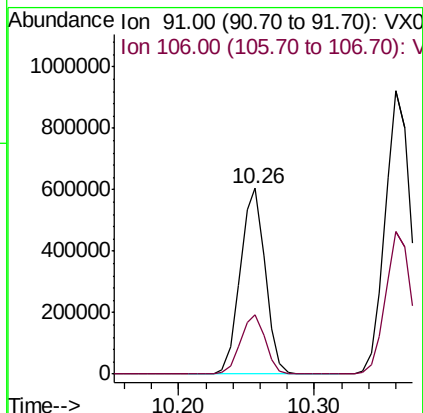
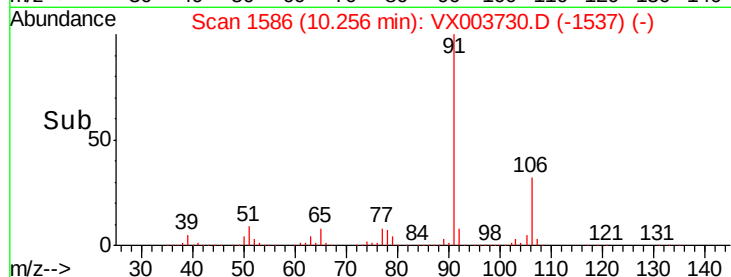
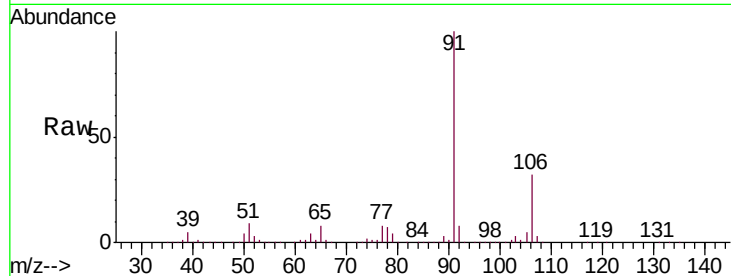
VSTDIC150

Tgt Ion: 91 Resp: 773332

Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.2



#68

m/p-Xylenes

Concen: 310.511 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003730.D

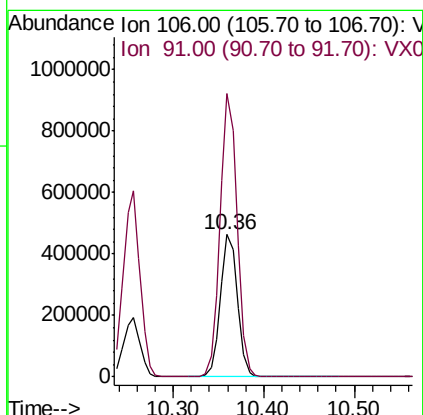
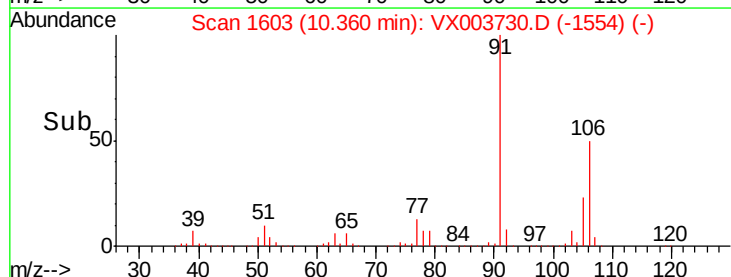
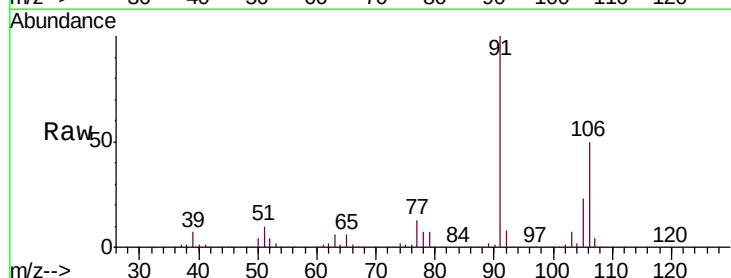
Acq: 30 Jul 2018 18:05

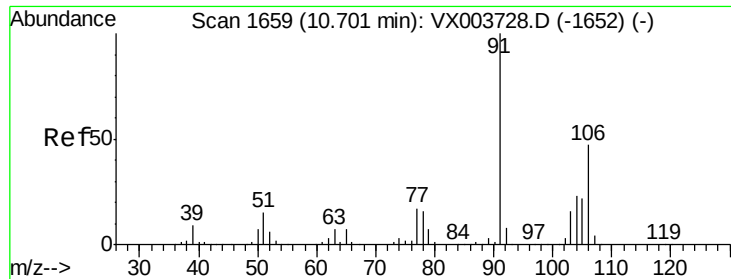
Tgt Ion: 106 Resp: 608215

Ion Ratio Lower Upper

106 100

91 198.9 159.8 239.8

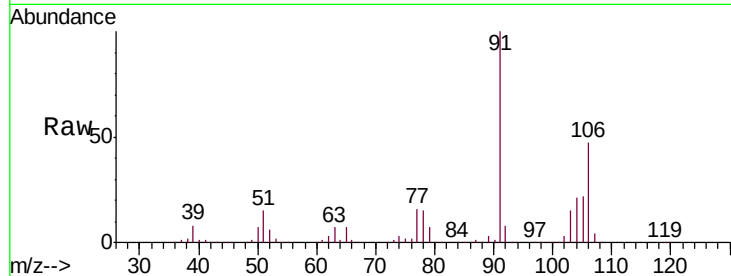




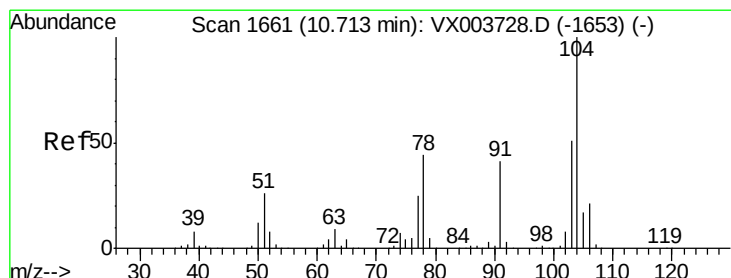
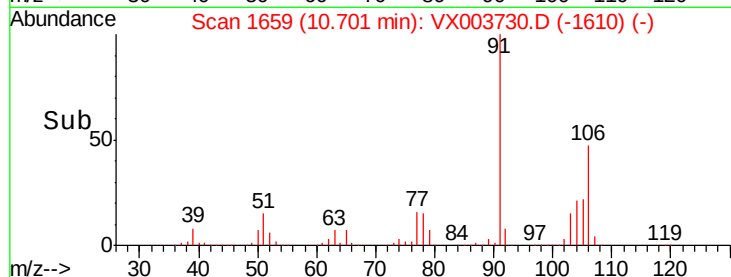
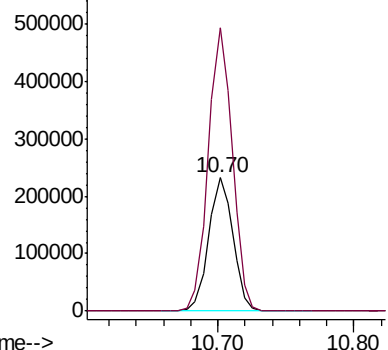
#69
o-Xylene
Concen: 158.437 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 288163
Ion Ratio Lower Upper
106 100
91 211.6 105.6 316.8

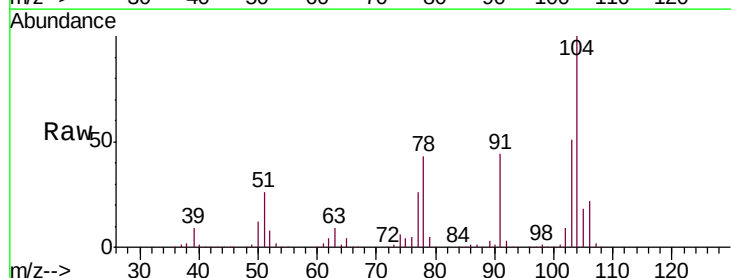


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

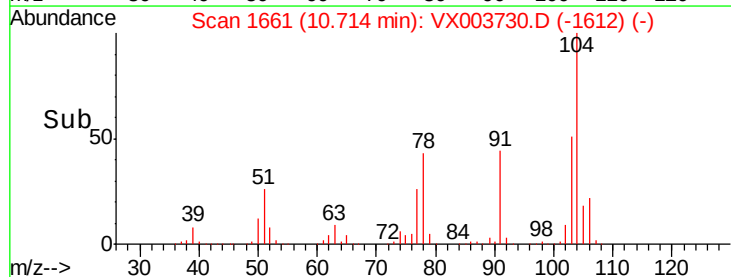
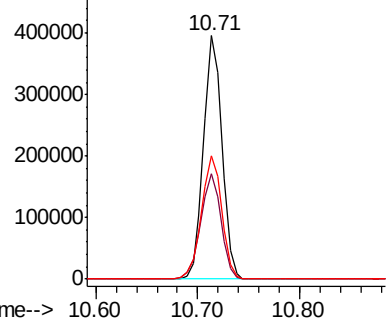


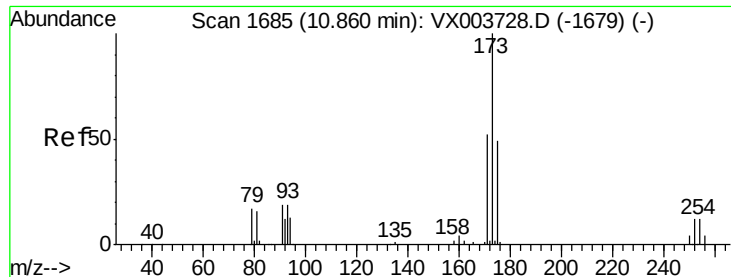
#70
Styrene
Concen: 161.483 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion:104 Resp: 494111
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.2
103 55.4 44.5 66.7



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: 179.778 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

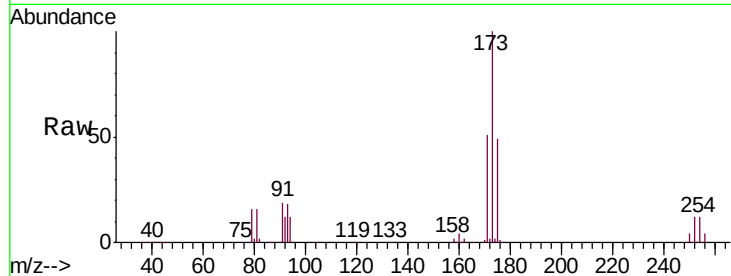
Tgt Ion:173 Resp: 119537

Ion Ratio Lower Upper

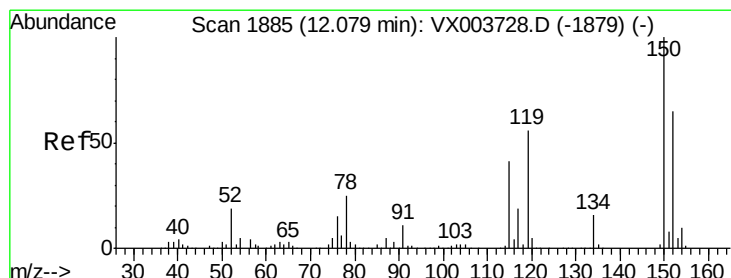
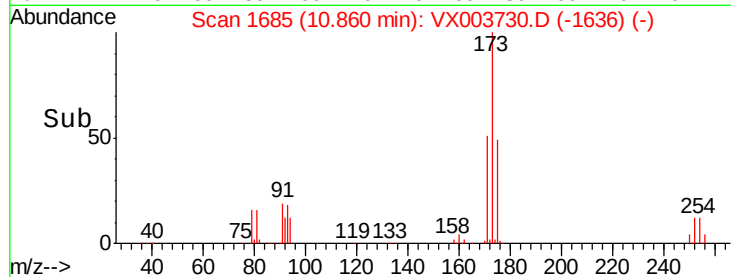
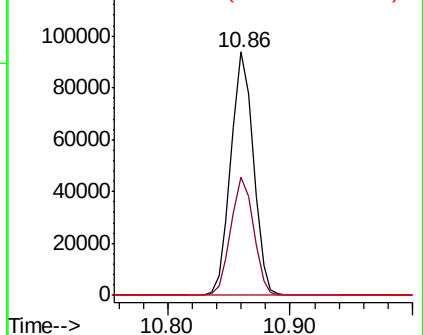
173 100

175 48.9 24.9 74.6

254 0.2 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

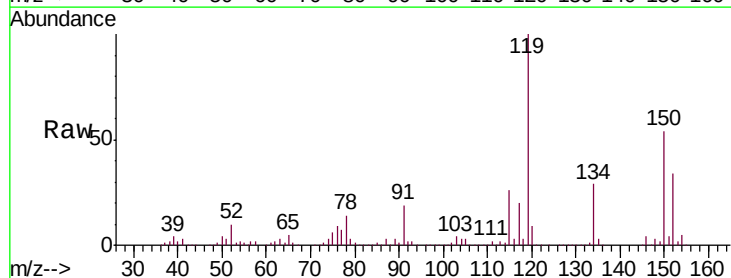
Tgt Ion:152 Resp: 84825

Ion Ratio Lower Upper

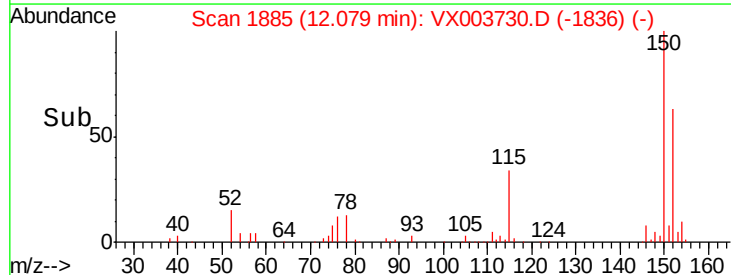
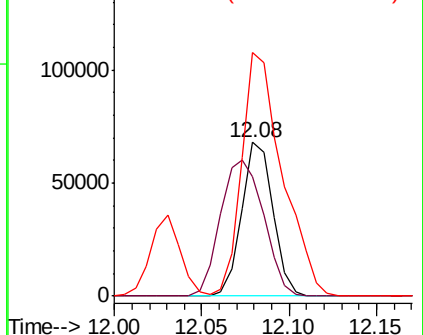
152 100

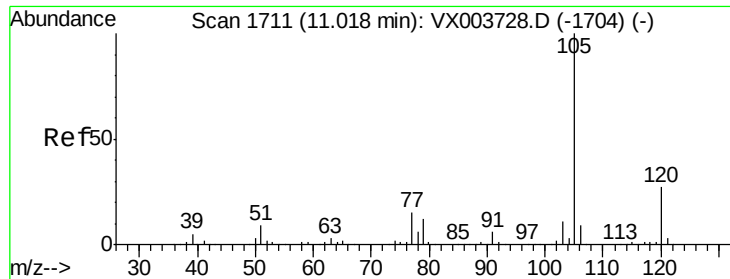
115 121.6 38.5 115.3#

150 205.8 0.0 346.2



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





#73

Isopropylbenzene

Concen: 147.924 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

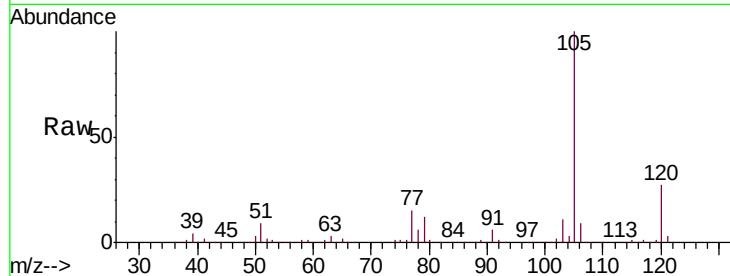
VSTDIC150

Tgt Ion:105 Resp: 785524

Ion Ratio Lower Upper

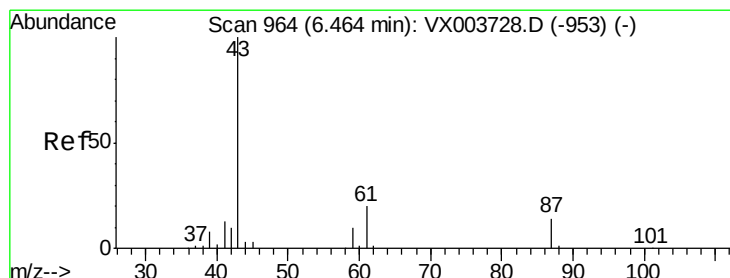
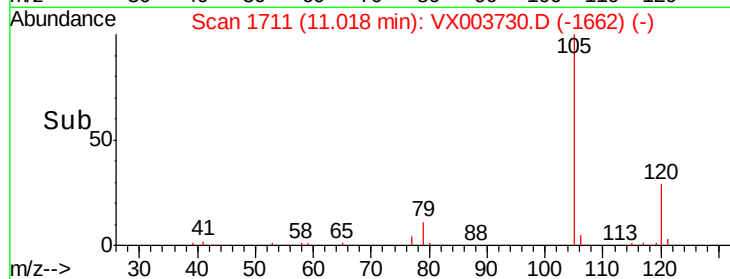
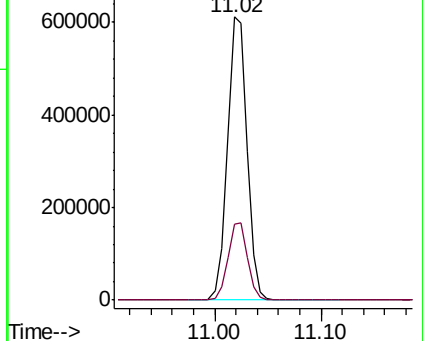
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 172.236 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Tgt Ion: 43 Resp: 290894

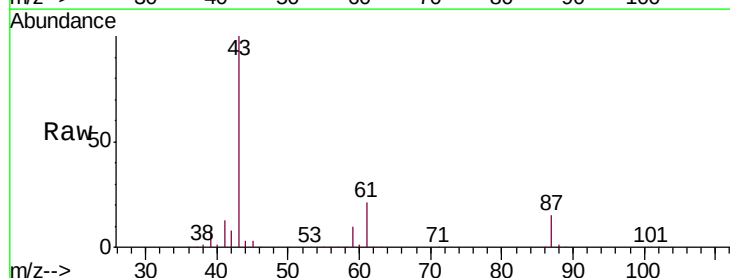
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.9 17.8 26.8

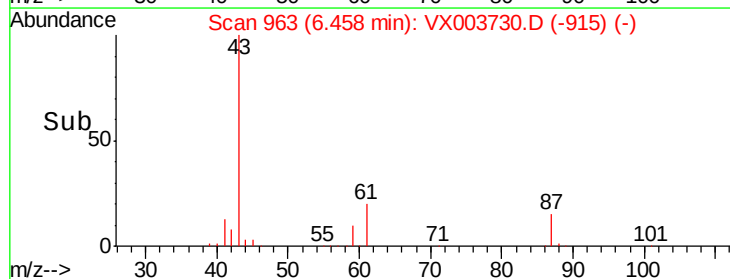
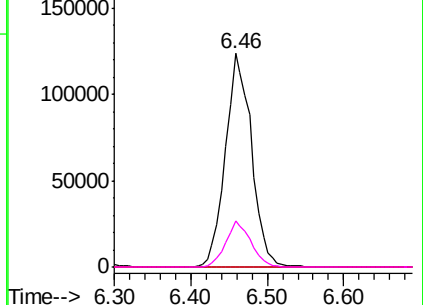


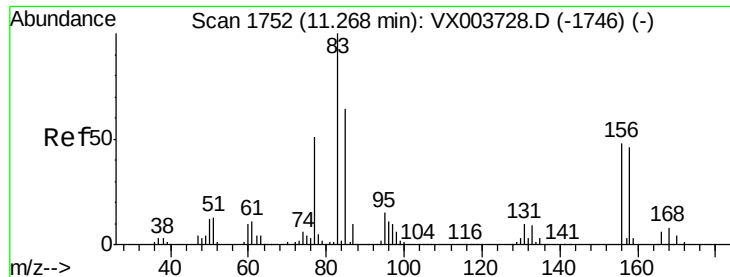
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 154.381 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

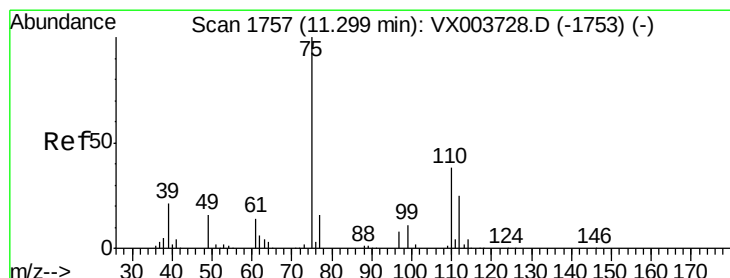
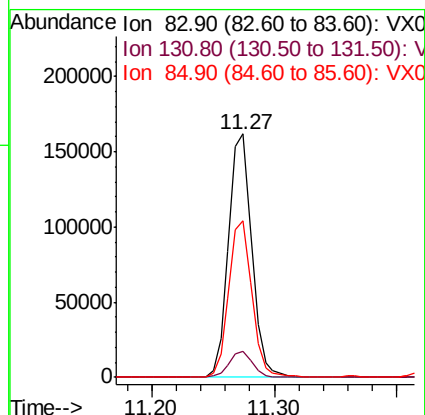
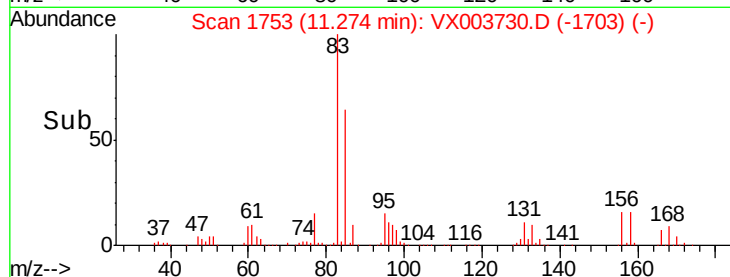
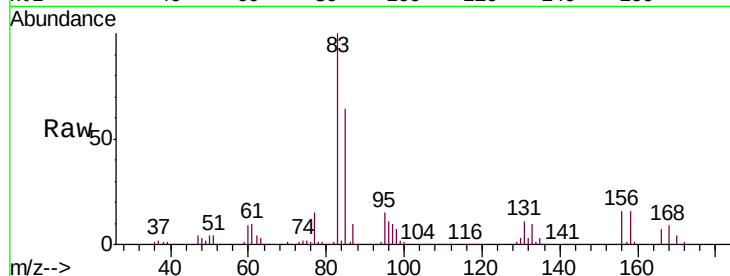
Tgt Ion: 83 Resp: 213135

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

85 64.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 211.352 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003730.D

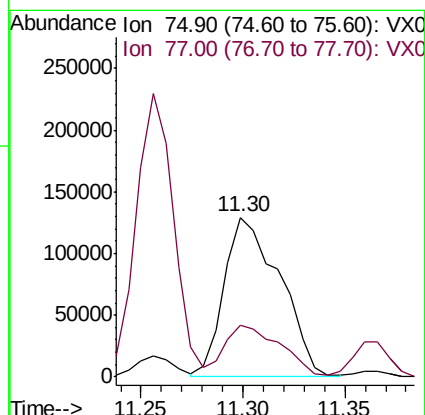
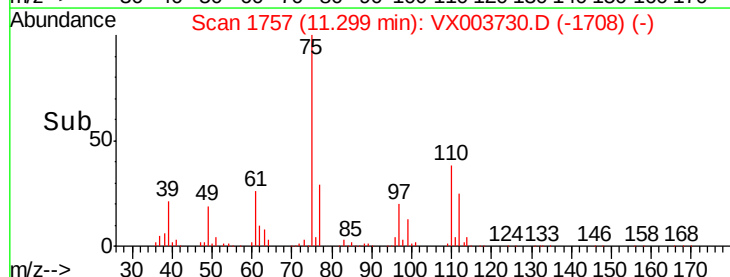
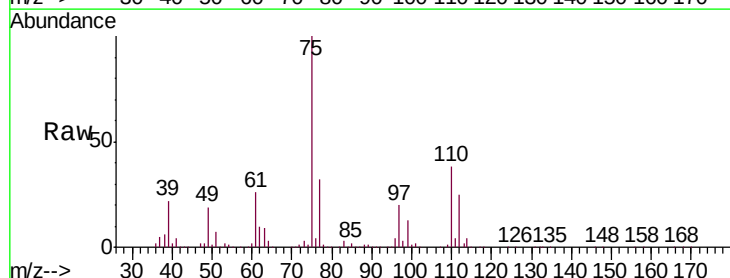
Acq: 30 Jul 2018 18:05

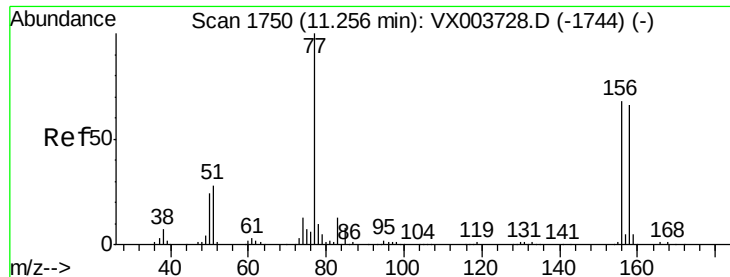
Tgt Ion: 75 Resp: 247112

Ion Ratio Lower Upper

75 100

77 32.3 21.6 65.0





#77

Bromobenzene

Concen: 149.635 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

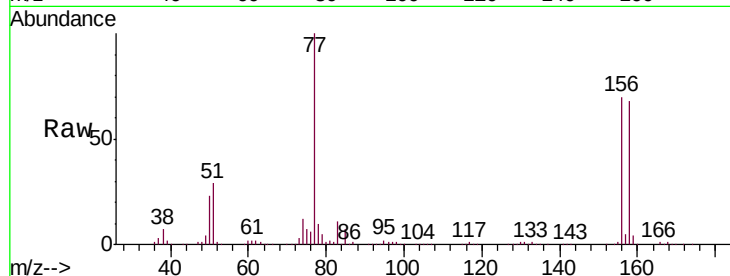
Tgt Ion:156 Resp: 207162

Ion Ratio Lower Upper

156 100

77 141.1 71.8 215.3

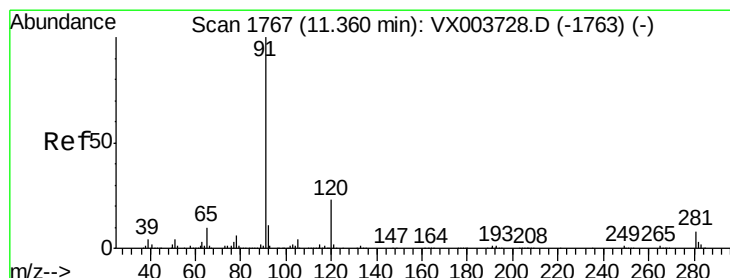
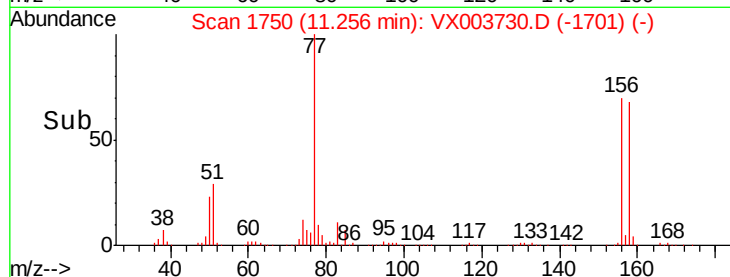
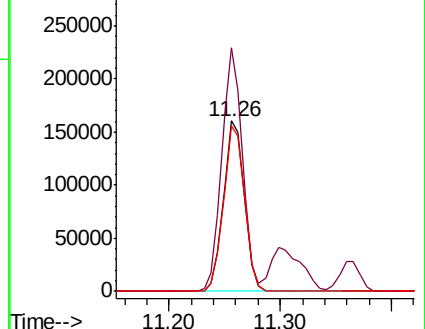
158 97.7 48.8 146.4



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: 145.548 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003730.D

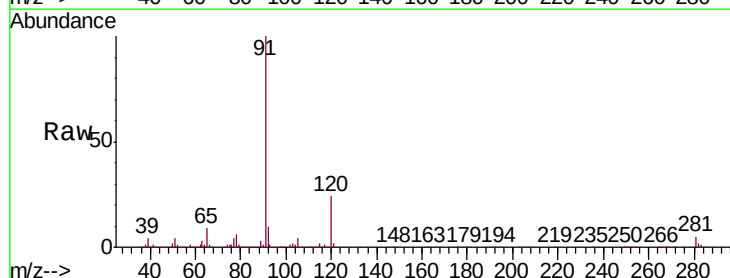
Acq: 30 Jul 2018 18:05

Tgt Ion: 91 Resp: 936359

Ion Ratio Lower Upper

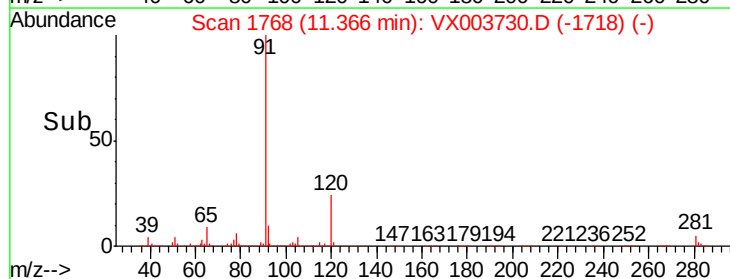
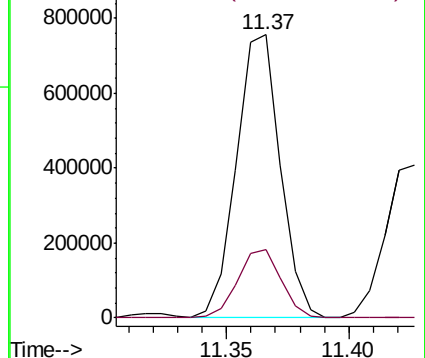
91 100

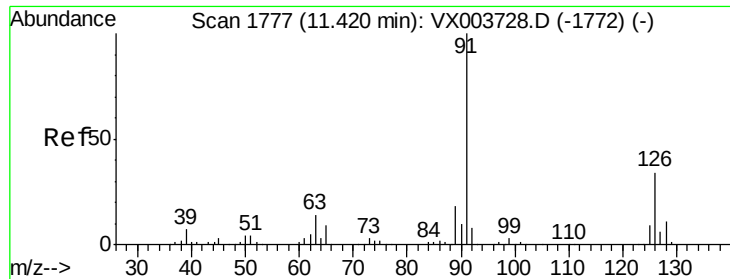
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

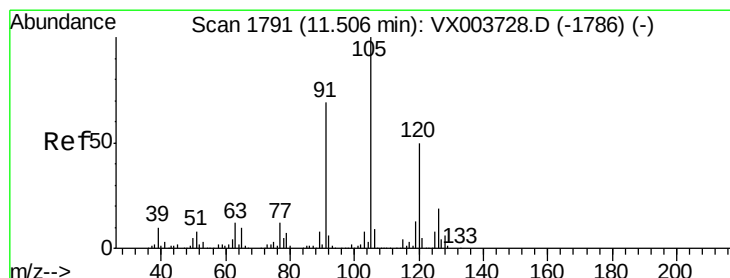
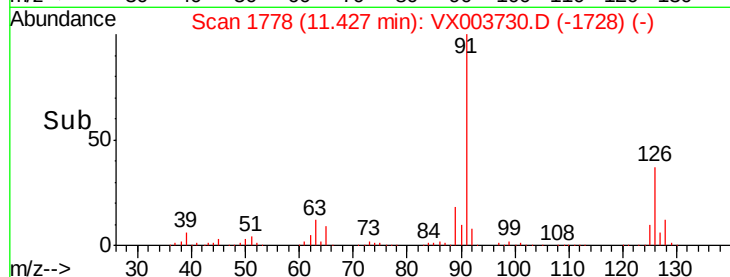
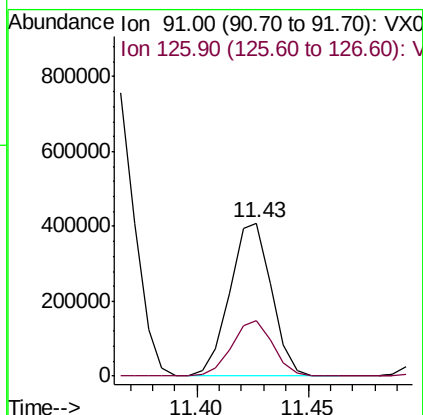
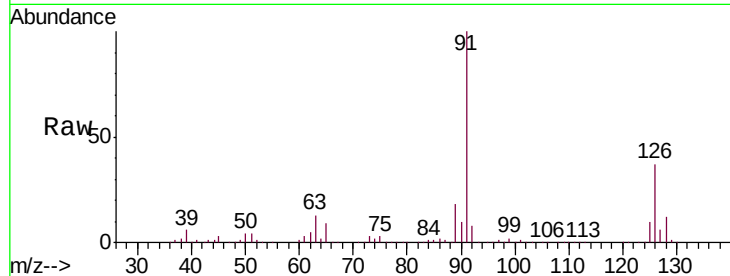




#79
 2-Chlorotoluene
 Concen: 145.489 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

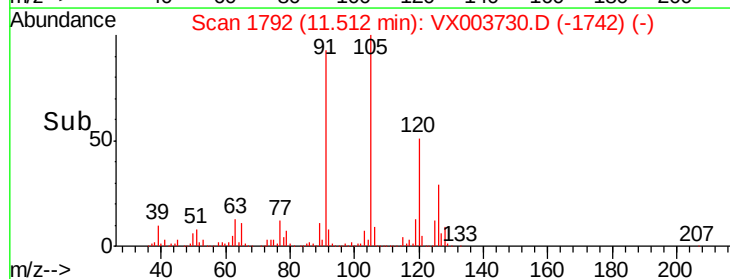
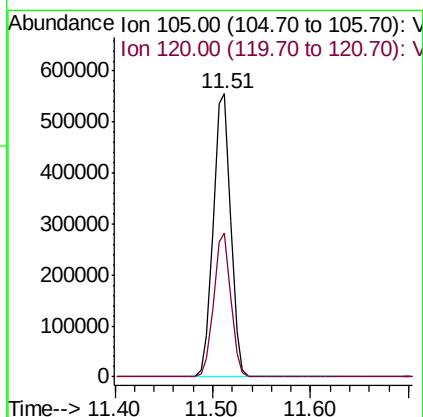
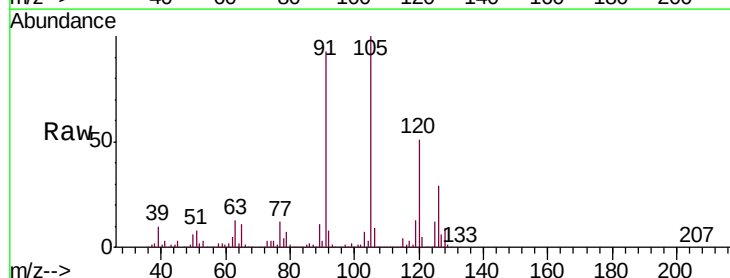
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

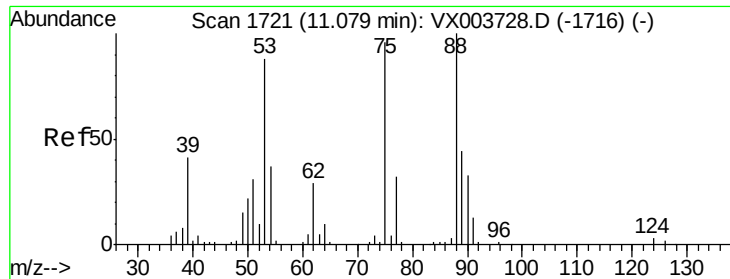
Tgt Ion: 91 Resp: 531396
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 132.882 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion: 105 Resp: 688400
 Ion Ratio Lower Upper
 105 100
 120 49.7 15.8 47.4#

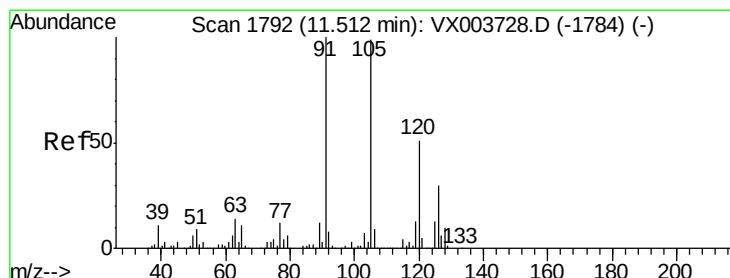
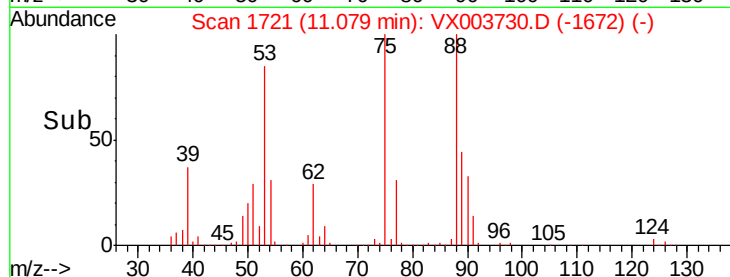
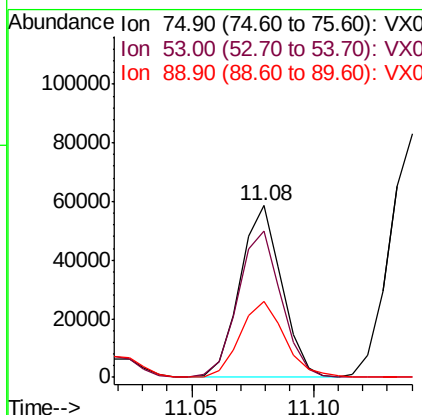
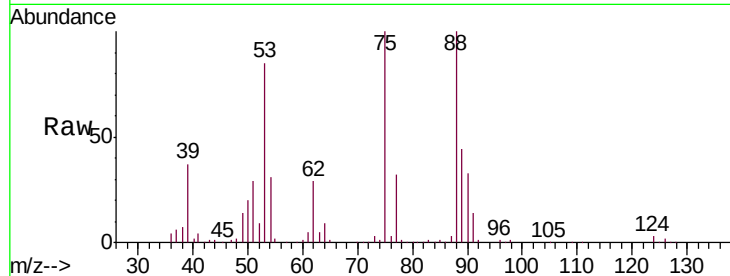




#81
trans-1,4-Dichloro-2-butene
Concen: 175.556 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

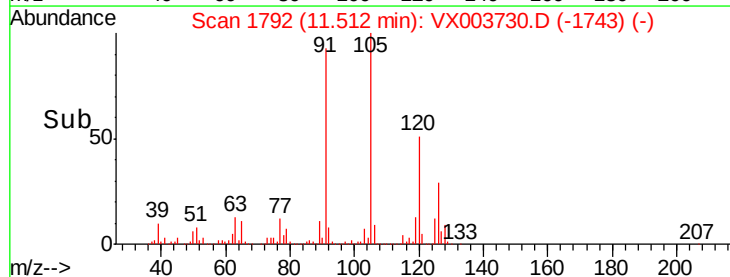
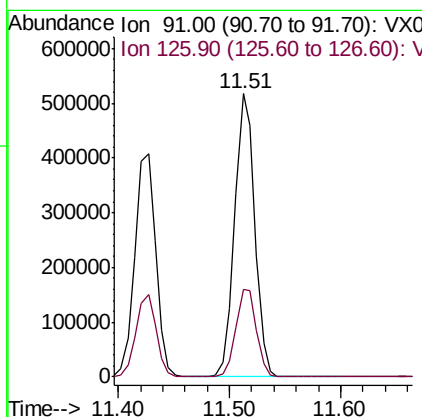
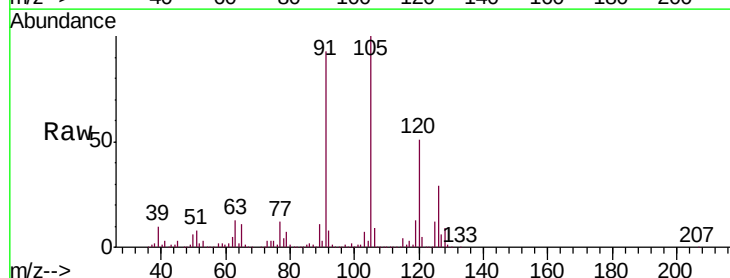
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

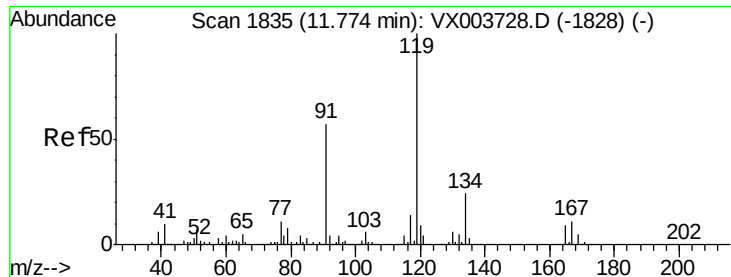
Tgt Ion: 75 Resp: 69297
Ion Ratio Lower Upper
75 100
53 88.1 75.8 113.8
89 47.2 39.1 58.7



#82
4-Chlorotoluene
Concen: 145.527 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion: 91 Resp: 644714
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.7

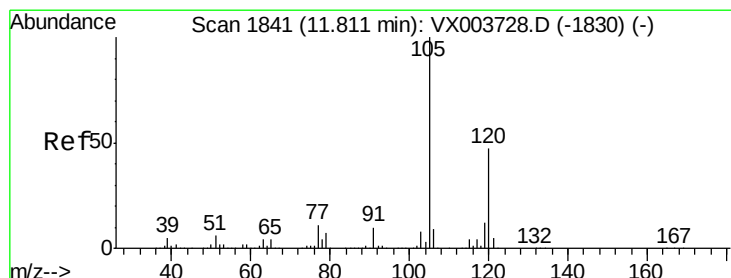
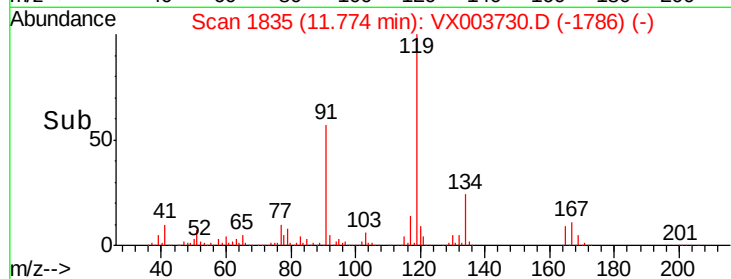
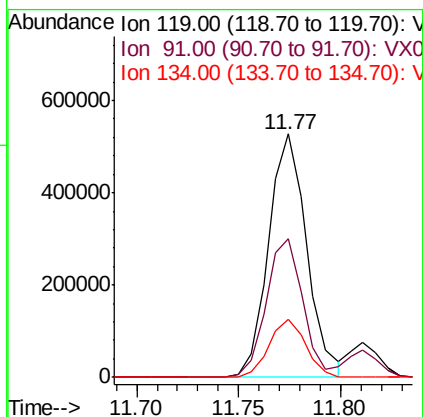
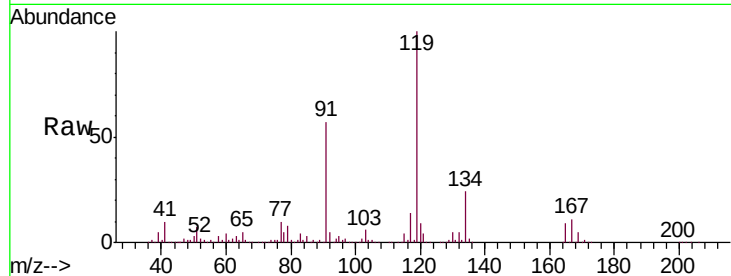




#83
 tert-Butylbenzene
 Concen: 153.503 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

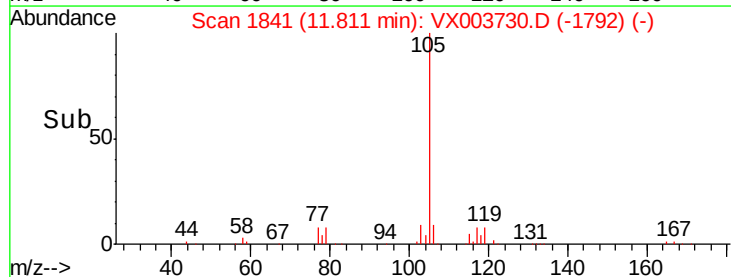
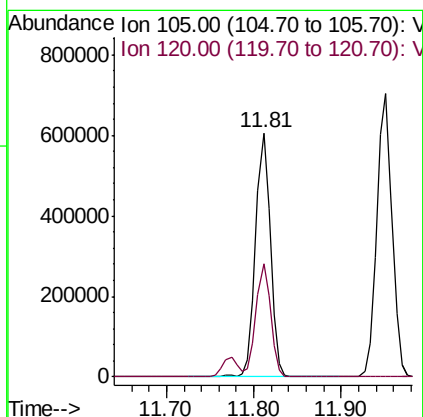
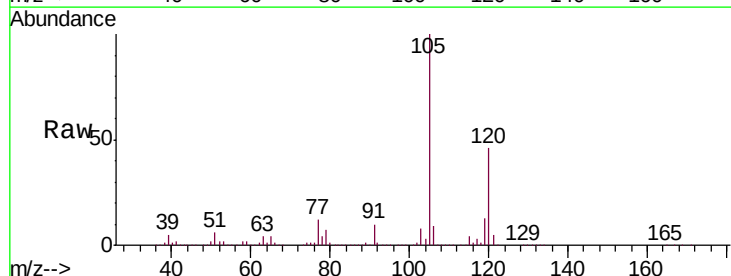
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

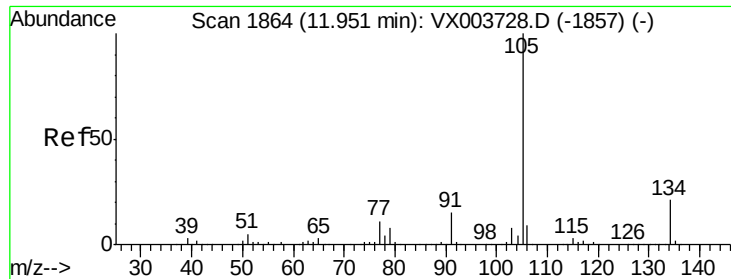
Tgt Ion:119 Resp: 688171
 Ion Ratio Lower Upper
 119 100
 91 54.5 27.2 81.6
 134 22.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 150.946 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion:105 Resp: 704237
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 149.594 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

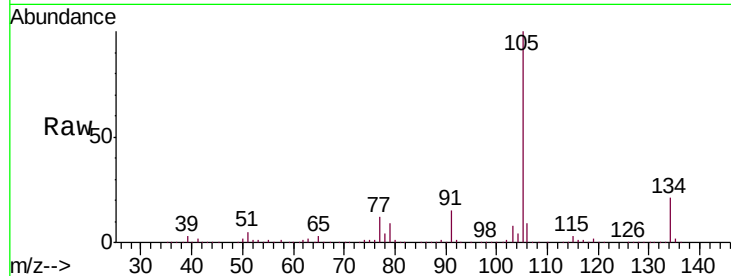
VSTDIC150

Tgt Ion:105 Resp: 857996

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

800000

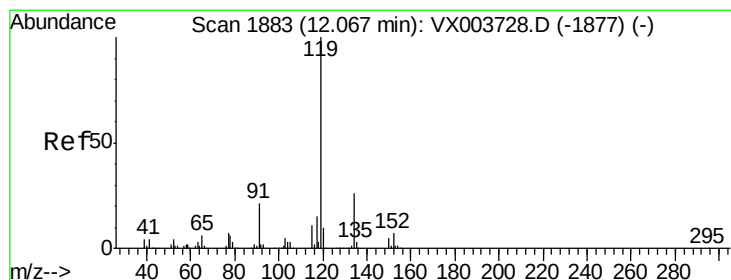
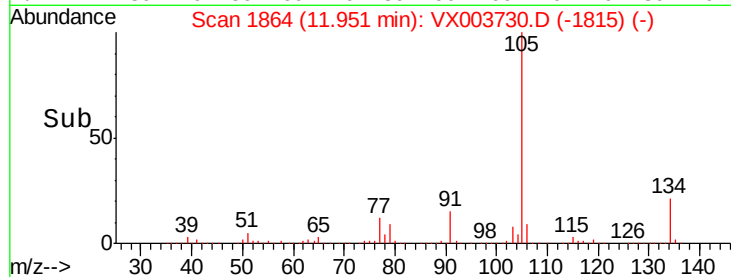
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 171.784 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

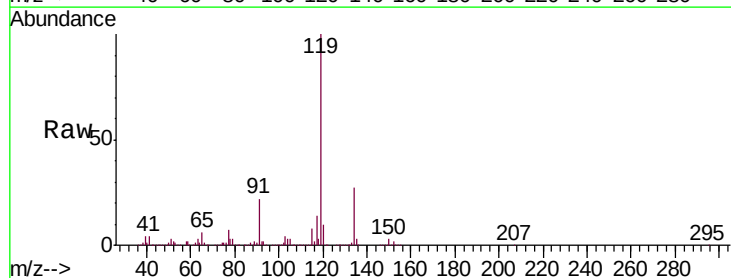
Tgt Ion:119 Resp: 789993

Ion Ratio Lower Upper

119 100

134 26.7 10.1 30.1

91 21.8 23.6 70.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

800000

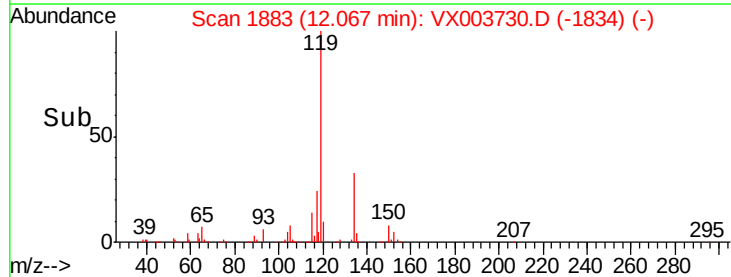
600000

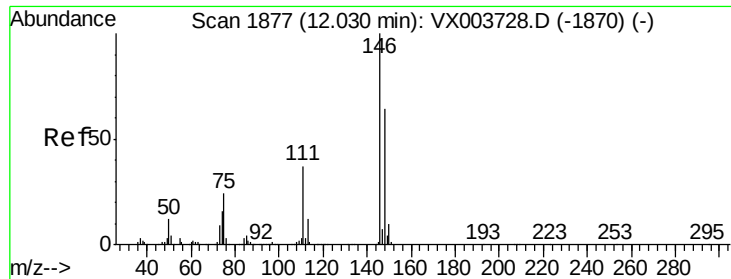
400000

200000

0

Time-->

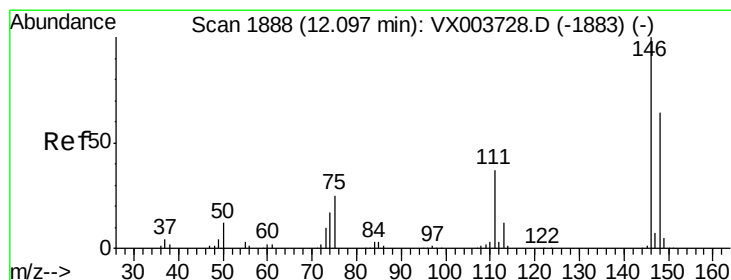
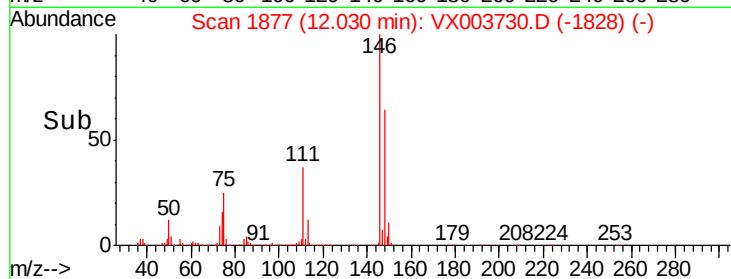
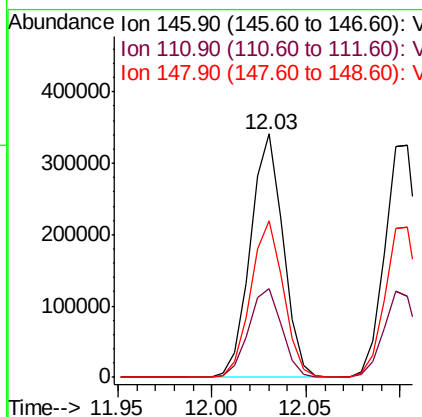
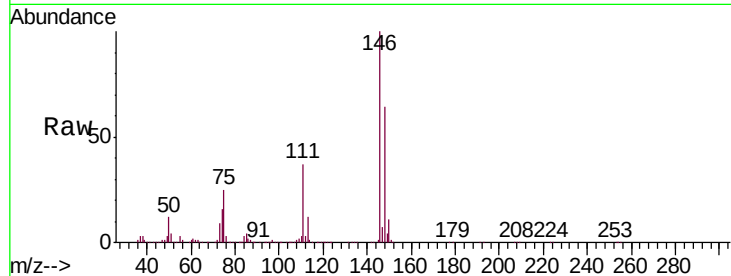




#87
 1,3-Dichlorobenzene
 Concen: 146.513 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

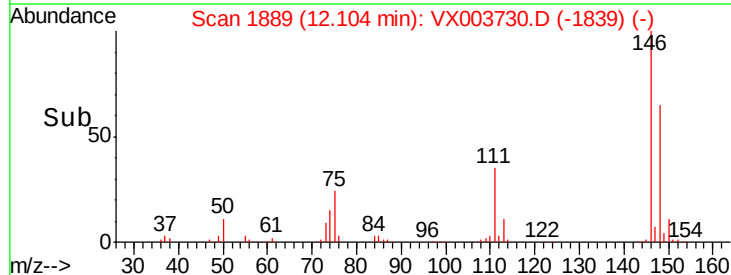
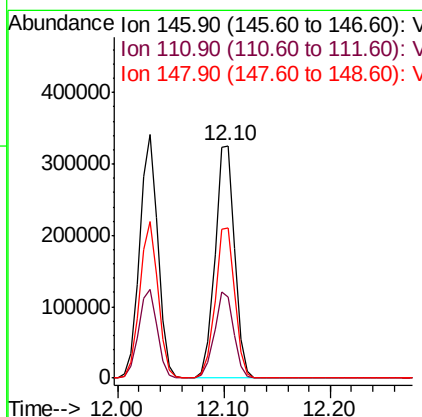
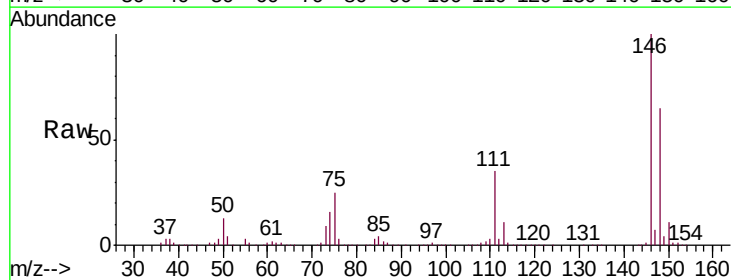
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

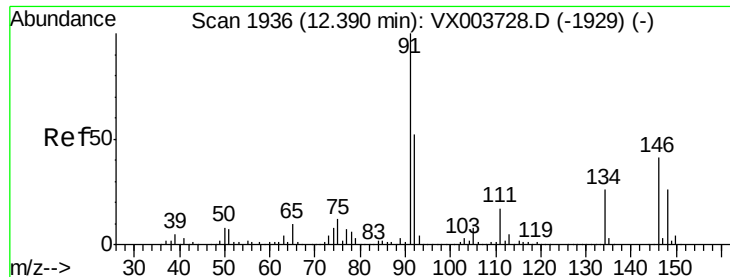
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.3
148	64.3	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 145.061 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.3	54.9
148	64.5	32.0	96.2





#89

n-Butylbenzene

Concen: 153.205 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

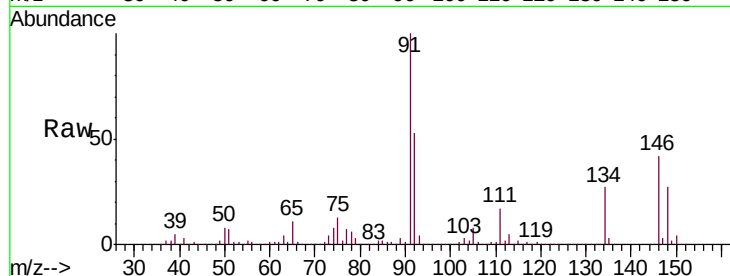
Tgt Ion: 91 Resp: 760121

Ion Ratio Lower Upper

91 100

92 53.0 26.2 78.5

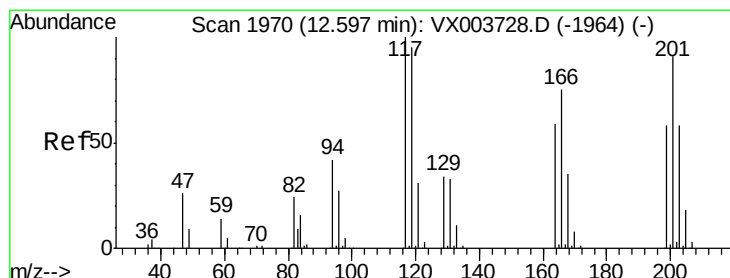
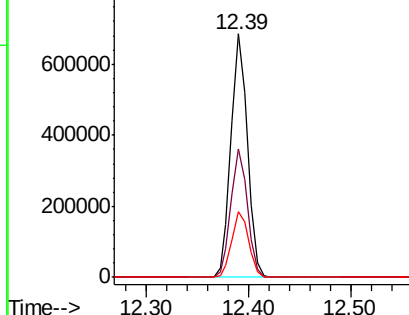
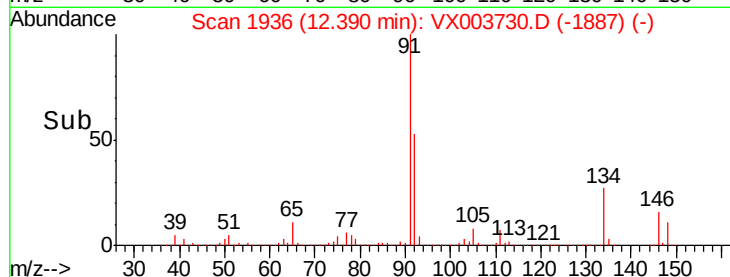
134 27.5 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX003730.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX003730.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX003730.D (-1887) (-)



#90

Hexachloroethane

Concen: 163.824 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003730.D

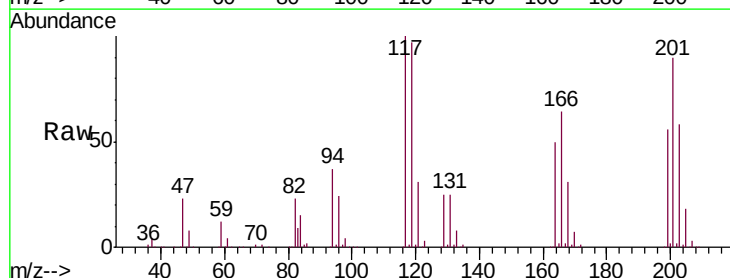
Acq: 30 Jul 2018 18:05

Tgt Ion: 117 Resp: 126810

Ion Ratio Lower Upper

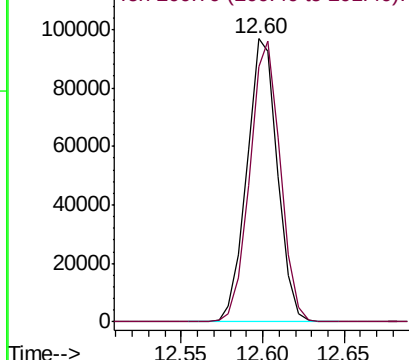
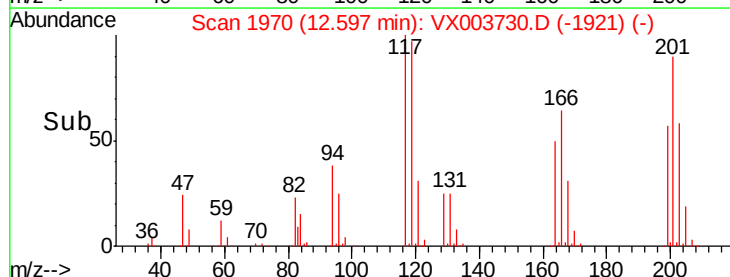
117 100

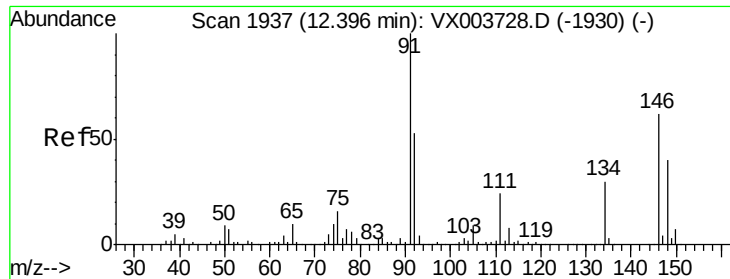
201 98.1 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): VX003730.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX003730.D (-1921) (-)

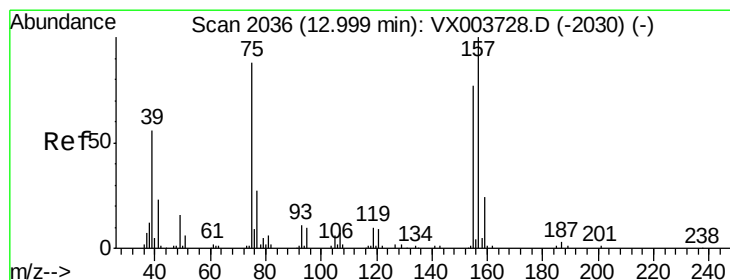
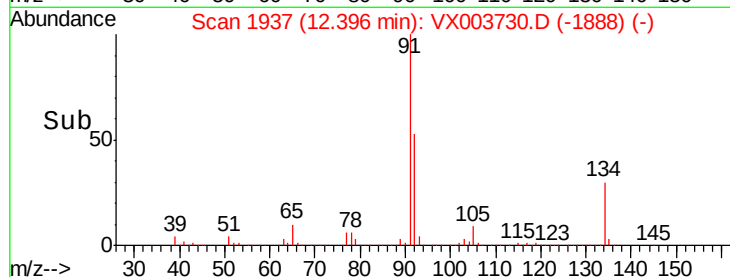
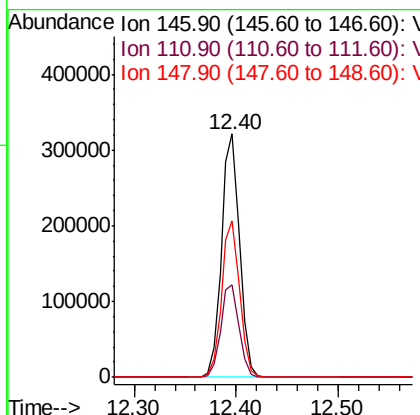
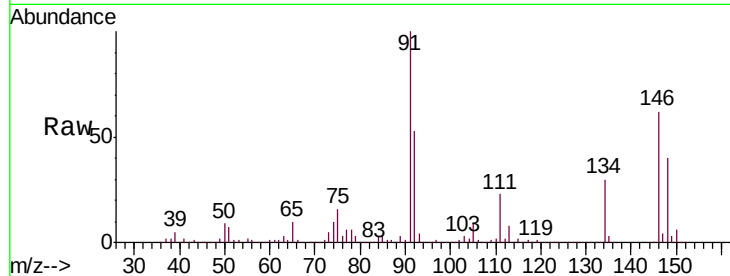




#91
 1,2-Dichlorobenzene
 Concen: 151.986 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

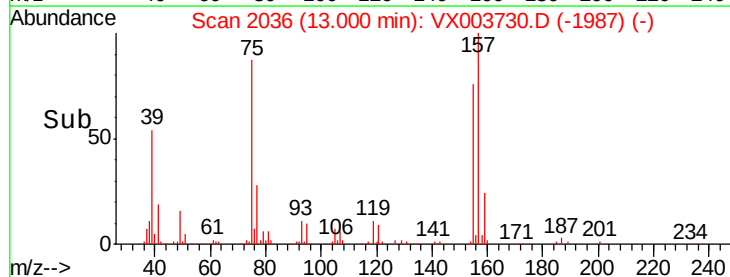
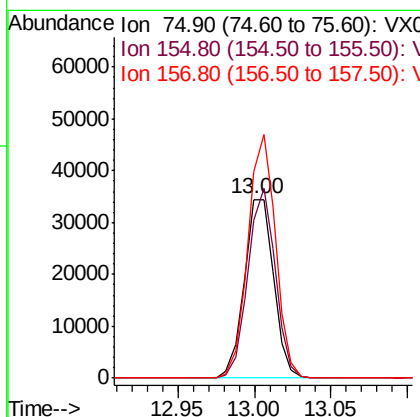
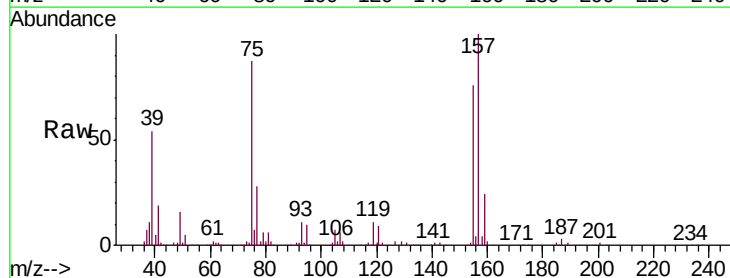
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

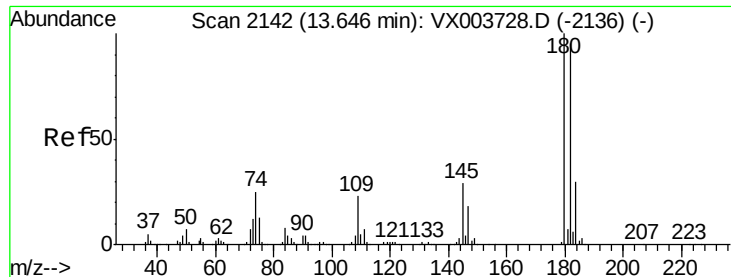
Tgt Ion:146 Resp: 396388
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.4
 148 64.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 167.184 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion: 75 Resp: 45797
 Ion Ratio Lower Upper
 75 100
 155 99.1 48.9 146.7
 157 128.1 63.7 191.1

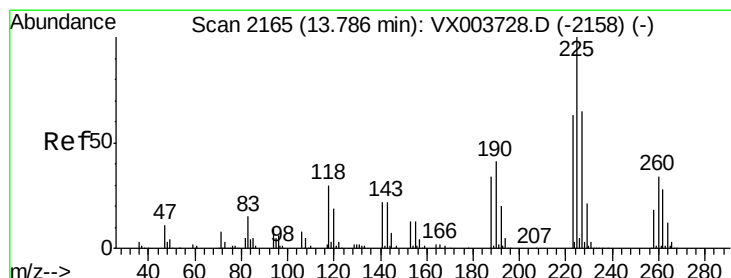
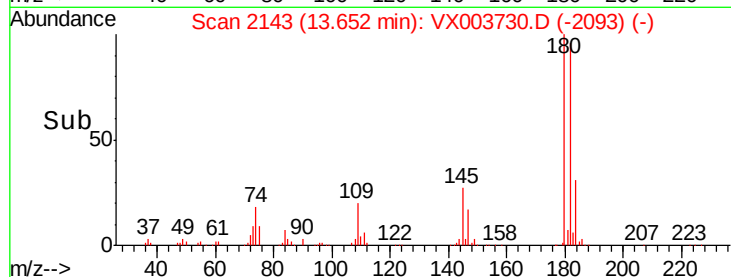
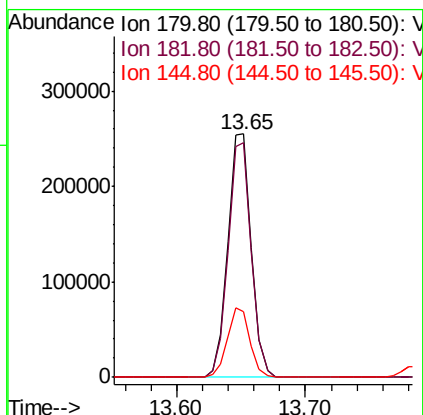
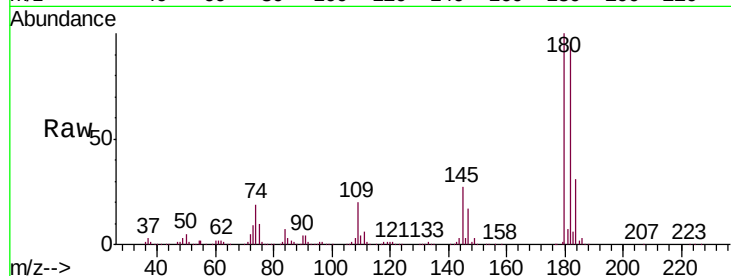




#93
 1,2,4-Trichlorobenzene
 Concen: 156.650 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

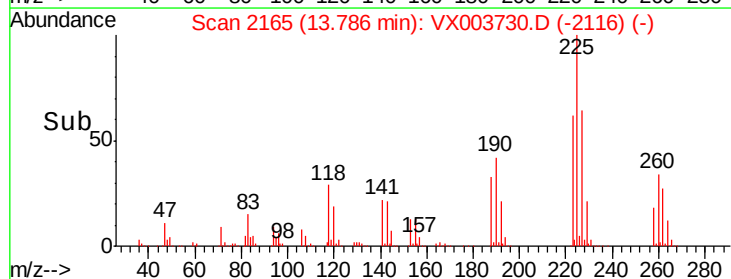
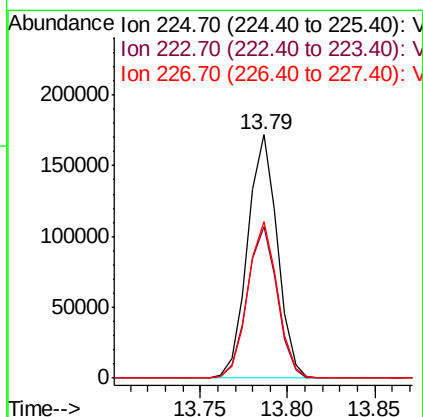
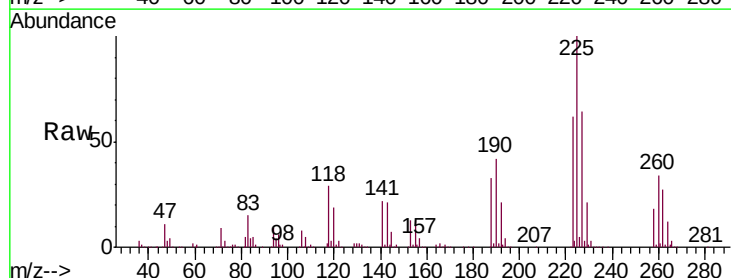
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

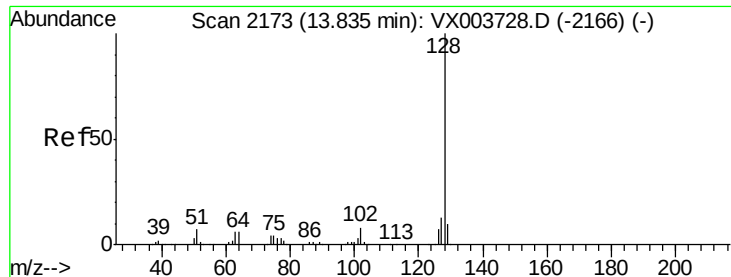
Tgt Ion:180 Resp: 324092
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 27.9 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 153.522 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003730.D
 Acq: 30 Jul 2018 18:05

Tgt Ion:225 Resp: 203121
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.5
 227 64.2 31.9 95.9

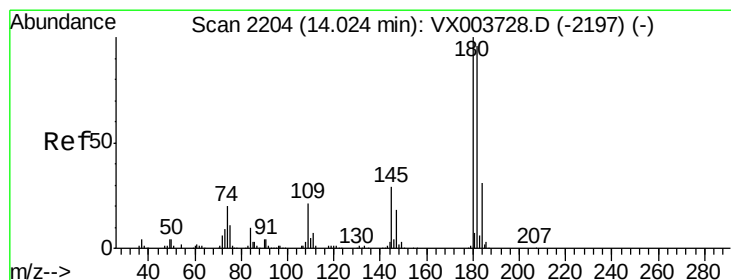
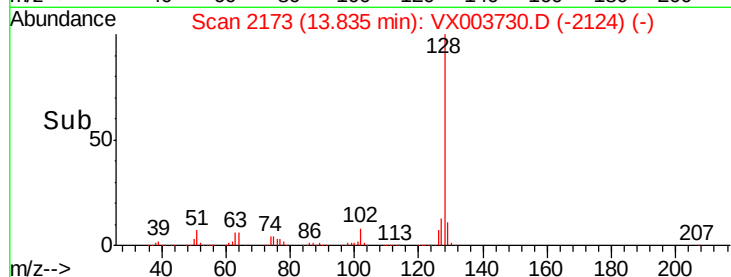
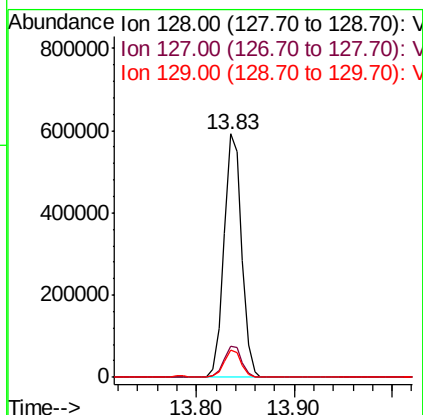
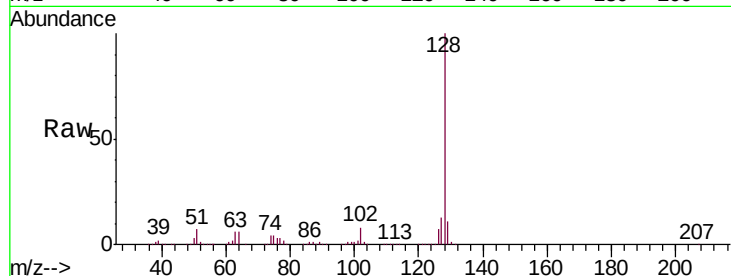




#95
Naphthalene
Concen: 166.589 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 736510
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 159.137 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003730.D
Acq: 30 Jul 2018 18:05

Tgt Ion:180 Resp: 298867
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.8
145 29.4 14.7 44.1

