

Data File : VX005837.D
Acq On : 07 Nov 2018 19:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 19 08:04:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	115220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	165826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75762	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70565	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	5.50	113	54057	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.71	98	181494	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.14	95	67270	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	55525	53.449	ug/l	95
3) Chloromethane	1.32	50	63348	46.465	ug/l	99
4) Vinyl Chloride	1.40	62	61557	44.976	ug/l #	88
5) Bromomethane	1.64	94	29069	34.706	ug/l	93
6) Chloroethane	1.72	64	41805	51.191	ug/l	97
7) Trichlorofluoromethane	1.93	101	91401	50.311	ug/l	98
8) Diethyl Ether	2.19	74	37307	52.407	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51616	49.400	ug/l	98
10) Methyl Iodide	2.51	142	36420	28.760	ug/l	98
11) Tert butyl alcohol	3.07	59	91945	242.309	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51209	50.283	ug/l #	86
13) Acrolein	2.29	56	46670	257.339	ug/l	97
14) Allyl chloride	2.72	41	116260	51.113	ug/l	99
15) Acrylonitrile	3.15	53	208901	265.652	ug/l	97
16) Acetone	2.45	43	185710	260.390	ug/l	92
17) Carbon Disulfide	2.57	76	159940	52.651	ug/l	96
18) Methyl Acetate	2.78	43	102310	53.637	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	183749	52.863	ug/l	93
20) Methylene Chloride	2.85	84	59365	50.673	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	53922	50.199	ug/l	93
22) Diisopropyl ether	3.87	45	204731	51.382	ug/l	97
23) Vinyl Acetate	3.82	43	885021	259.054	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111088	52.257	ug/l	98
25) 2-Butanone	4.70	43	302193	269.511	ug/l	98
26) 2,2-Dichloropropane	4.59	77	77904	49.958	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	60335	50.869	ug/l	98
28) Bromochloromethane	5.02	49	54739	57.616	ug/l	99
29) Tetrahydrofuran	5.15	42	195266	271.227	ug/l	99
30) Chloroform	5.22	83	104298	50.854	ug/l	99
31) Cyclohexane	5.57	56	97780	52.989	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	89173	52.128	ug/l	98
36) 1,1-Dichloropropene	5.81	75	79355	49.640	ug/l	98
37) Ethyl Acetate	4.85	43	108375	51.553	ug/l	100
38) Carbon Tetrachloride	5.77	117	80840	50.513	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78249	48.295	ug/l	94
40) Benzene	6.13	78	236910	50.836	ug/l	97
41) Methacrylonitrile	5.06	41	59939	52.767	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85049	50.952	ug/l	100
43) Isopropyl Acetate	6.47	43	158951	52.182	ug/l	99
44) Trichloroethene	7.21	130	55838	47.180	ug/l	86
45) 1,2-Dichloropropane	7.52	63	54630	48.297	ug/l	100
46) Dibromomethane	7.66	93	34194	48.174	ug/l	97
47) Bromodichloromethane	7.90	83	66924	49.890	ug/l	98
48) Methyl methacrylate	7.77	41	71631	52.371	ug/l	98
49) 1,4-Dioxane	7.75	88	28808	977.429	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	467289	243.408	ug/l	100
52) Toluene	8.79	92	123883	47.563	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	74708	47.194	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	83180	51.553	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	57344	49.401	ug/l	92
56) Ethyl methacrylate	9.18	69	86569	49.843	ug/l	96
57) 1,3-Dichloropropane	9.37	76	99743	51.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223638	236.754	ug/l	99
59) 2-Hexanone	9.50	43	423137	250.052	ug/l	99
60) Dibromochloromethane	9.58	129	66359	52.896	ug/l	93
61) 1,2-Dibromoethane	9.68	107	63976	49.842	ug/l	99
64) Tetrachloroethene	9.34	164	63228	47.845	ug/l	92
65) Chlorobenzene	10.14	112	155489	50.005	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	54644	50.548	ug/l	97
67) Ethyl Benzene	10.25	91	245892	49.315	ug/l	99
68) m/p-Xylenes	10.36	106	188065	98.883	ug/l	95
69) o-Xylene	10.70	106	87068	51.053	ug/l	98
70) Styrene	10.71	104	148441	52.763	ug/l	99
71) Bromoform	10.86	173	45232	49.913	ug/l #	99
73) Isopropylbenzene	11.02	105	241276	55.070	ug/l	99
74) N-amyl acetate	10.90	43	122135	49.691	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83045	51.641	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	100143	64.915	ug/l	84
77) Bromobenzene	11.26	156	62948	50.975	ug/l	99
78) n-propylbenzene	11.36	91	279718	54.173	ug/l	100
79) 2-Chlorotoluene	11.42	91	165580	53.054	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	207134	55.634	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24344	50.294	ug/l	97
82) 4-Chlorotoluene	11.51	91	197637	53.733	ug/l	100
83) tert-Butylbenzene	11.77	119	203812	54.110	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	213514	51.970	ug/l	99
85) sec-Butylbenzene	11.94	105	246044	53.418	ug/l	100
86) p-Isopropyltoluene	12.07	119	223051	54.671	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	117621	49.630	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118834	48.981	ug/l	99
89) n-Butylbenzene	12.39	91	197908	52.339	ug/l	100
90) Hexachloroethane	12.60	117	37333	54.808	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	119417	50.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21958	55.955	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110718\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89657	53.644	ug/l	99
94) Hexachlorobutadiene	13.78	225	43937	50.045	ug/l	99
95) Naphthalene	13.83	128	278857	51.133	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	90974	53.428	ug/l	100

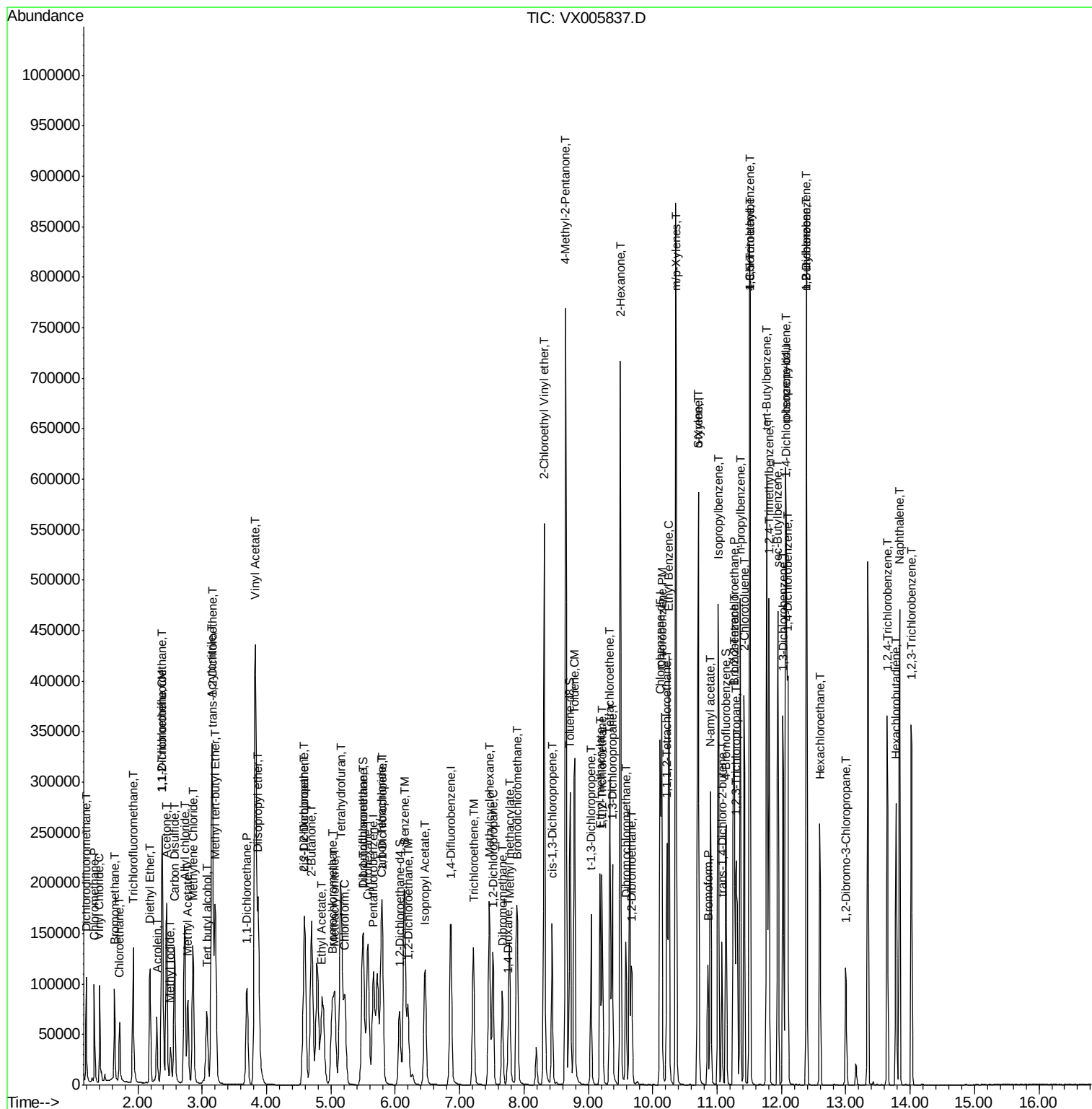
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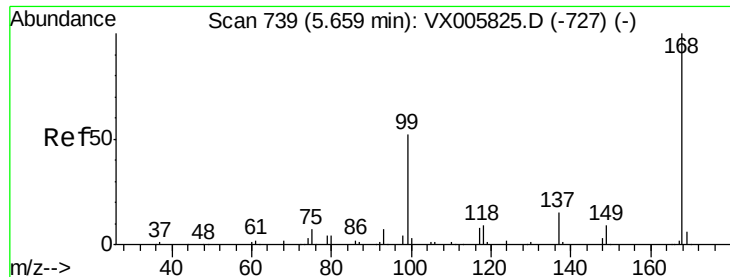
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

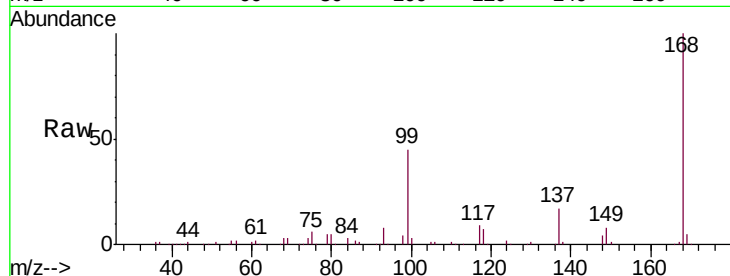
VSTDCCC050EC

Tgt Ion:168 Resp: 115220

Ion Ratio Lower Upper

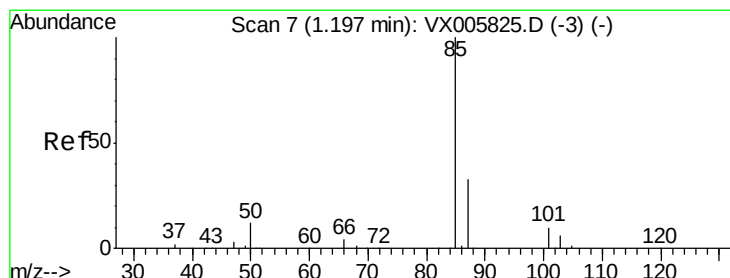
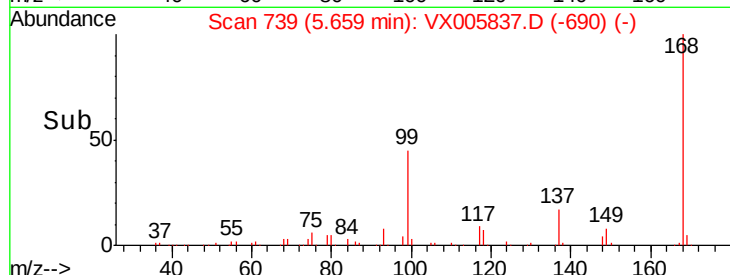
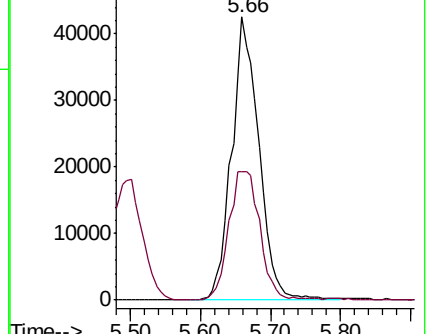
168 100

99 45.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.449 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005837.D

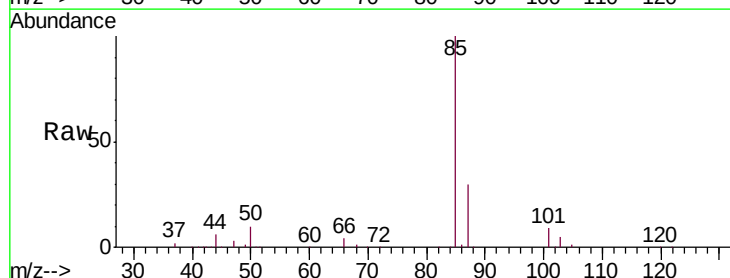
Acq: 07 Nov 2018 19:31

Tgt Ion: 85 Resp: 55525

Ion Ratio Lower Upper

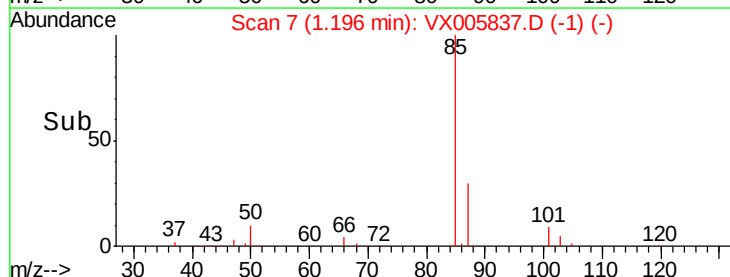
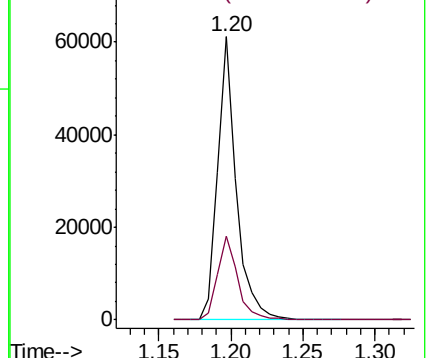
85 100

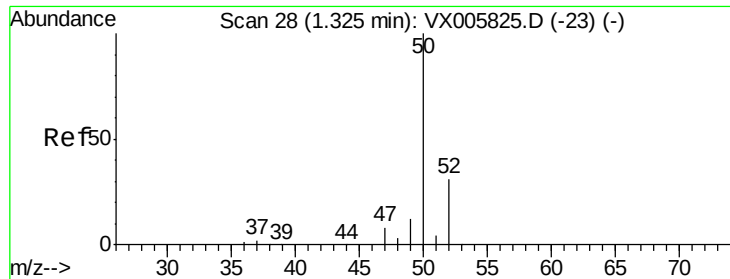
87 29.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.465 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

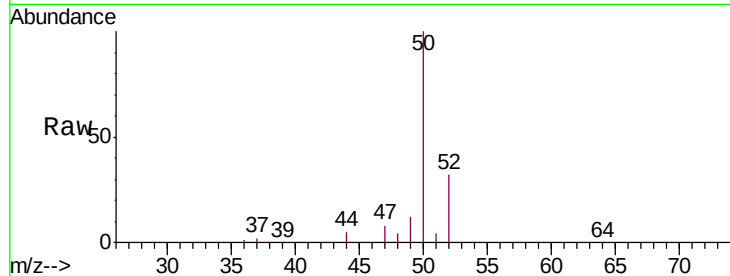
VSTDCCC050EC

Tgt Ion: 50 Resp: 63348

Ion Ratio Lower Upper

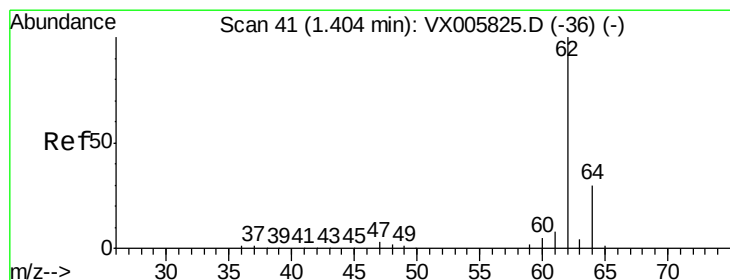
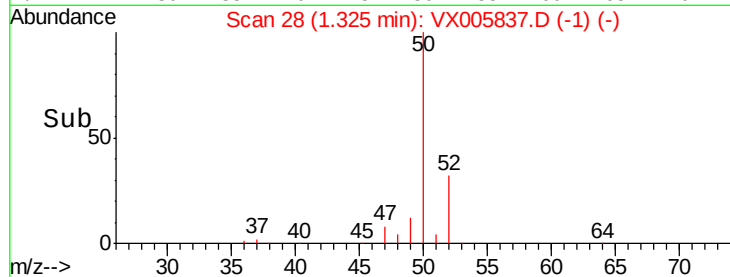
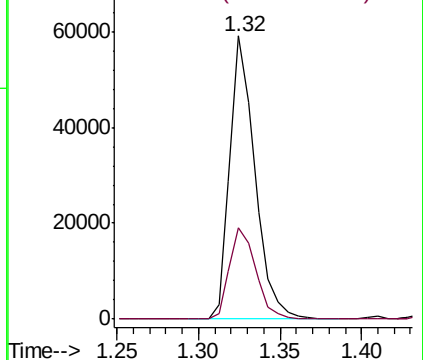
50 100

52 32.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.976 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005837.D

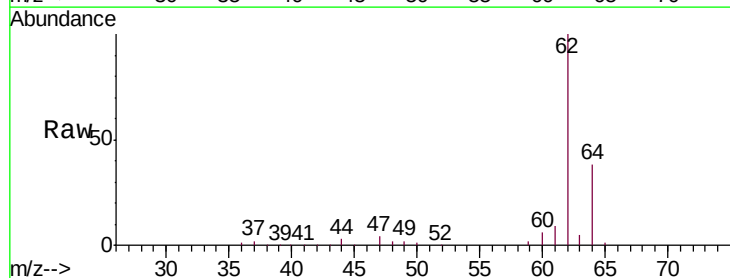
Acq: 07 Nov 2018 19:31

Tgt Ion: 62 Resp: 61557

Ion Ratio Lower Upper

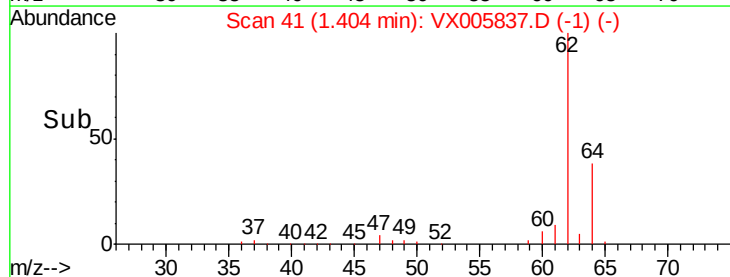
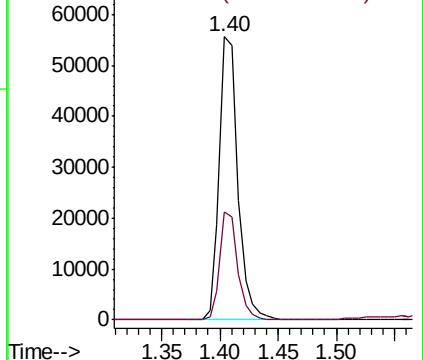
62 100

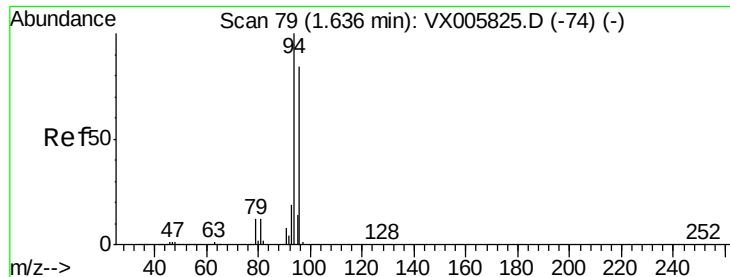
64 38.3 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 34.706 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

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Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

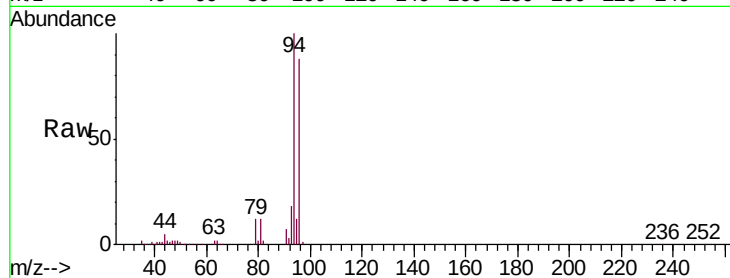
VSTDCCC050EC

Tgt Ion: 94 Resp: 29069

Ion Ratio Lower Upper

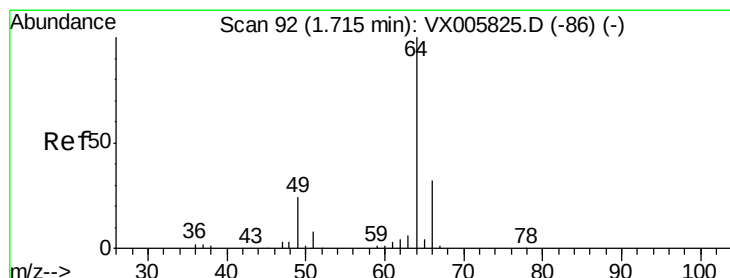
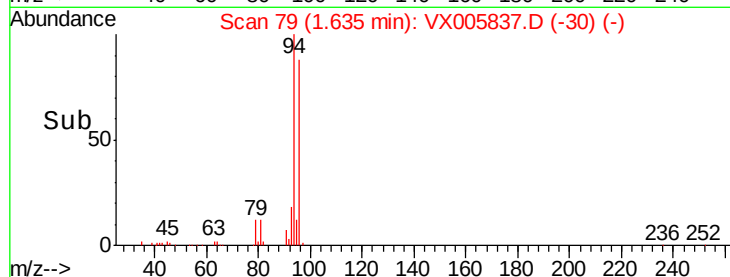
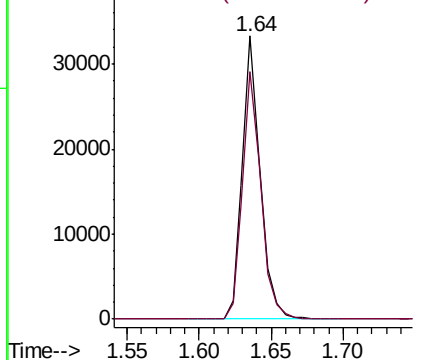
94 100

96 87.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.191 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005837.D

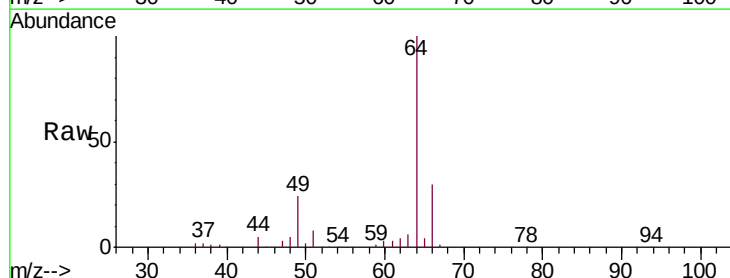
Acq: 07 Nov 2018 19:31

Tgt Ion: 64 Resp: 41805

Ion Ratio Lower Upper

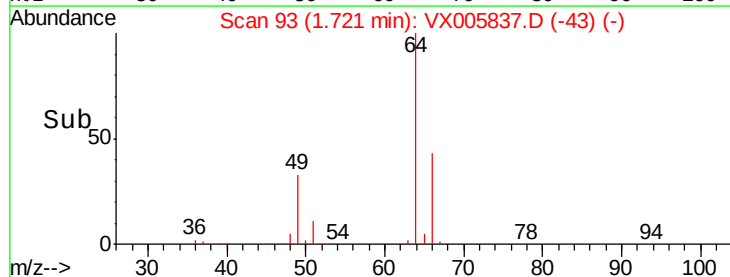
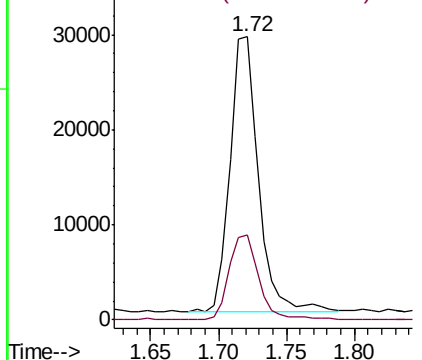
64 100

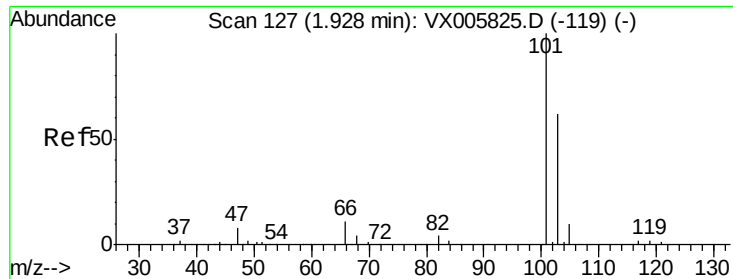
66 30.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



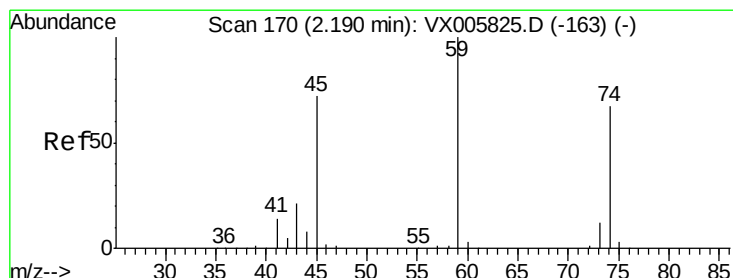
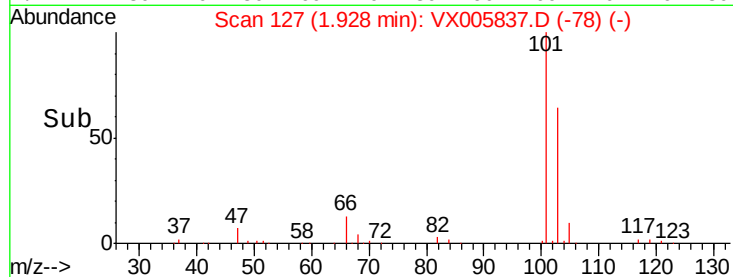
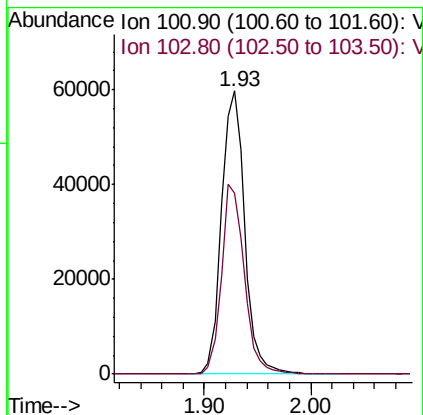
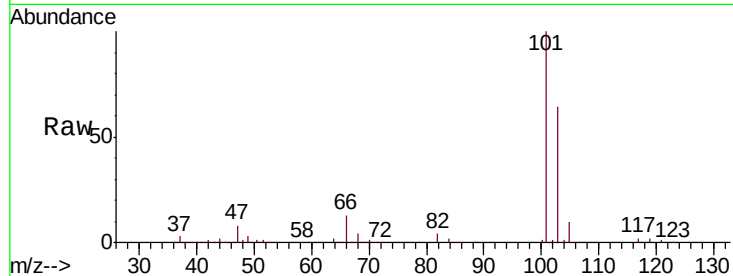


#7

Trichlorofluoromethane
 Concen: 50.311 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX005837.D
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 VSTDCCC050EC

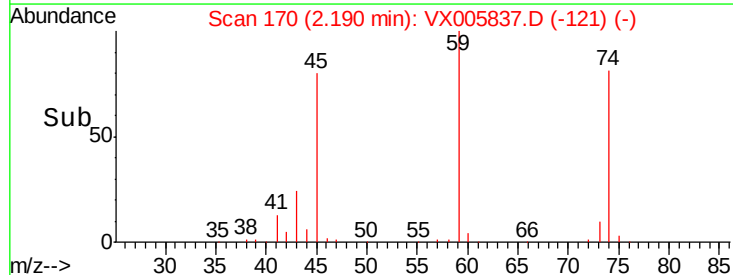
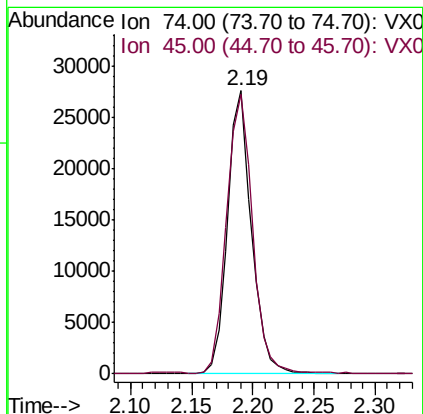
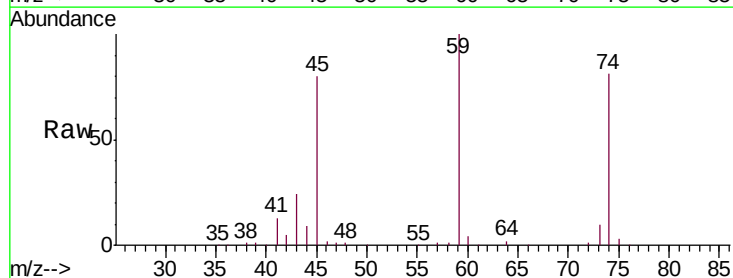
Tgt Ion: 101 Resp: 91401
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.0 75.0

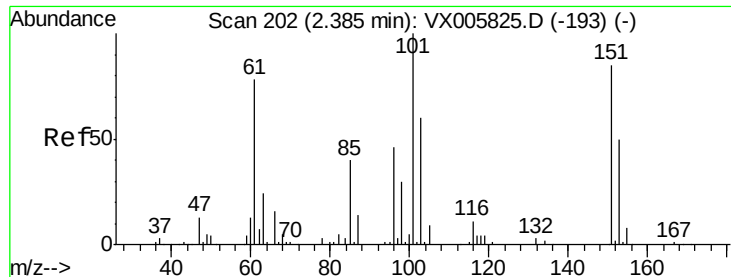


#8

Diethyl Ether
 Concen: 52.407 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 74 Resp: 37307
 Ion Ratio Lower Upper
 74 100
 45 106.0 54.1 162.3

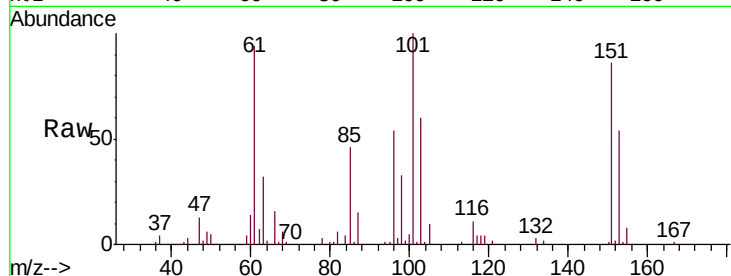




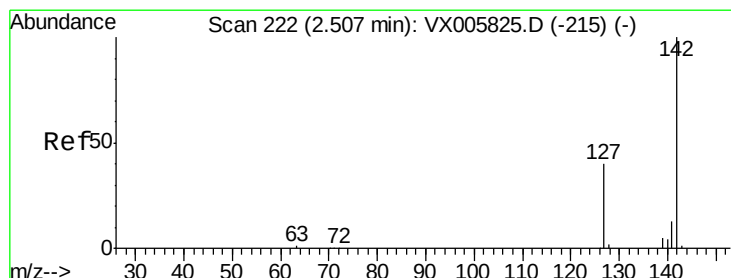
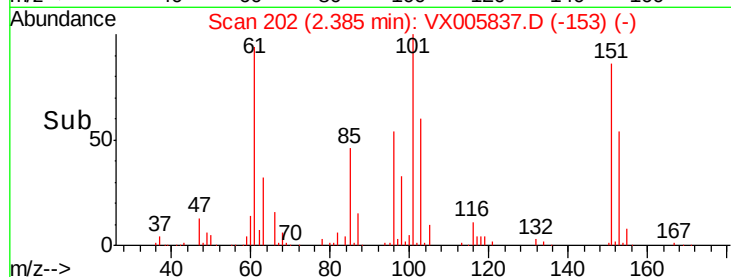
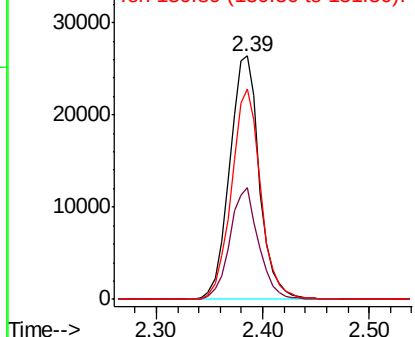
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.400 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 51616
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.0 52.4
 151 84.9 66.2 99.2

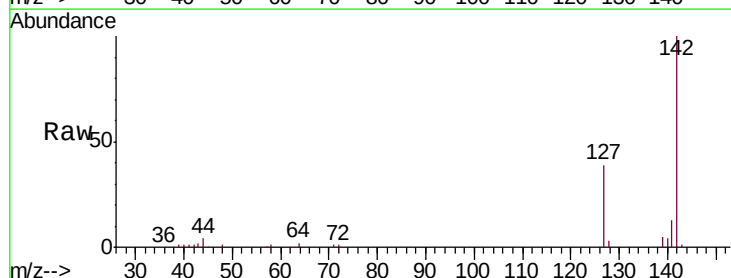


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

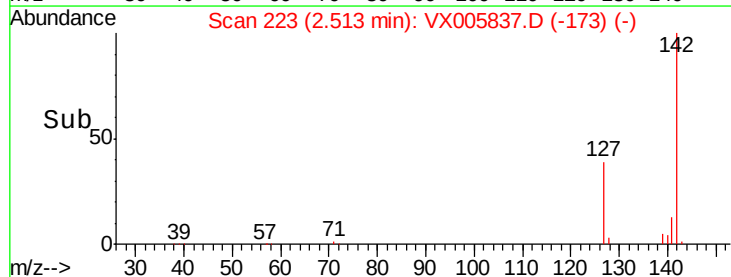
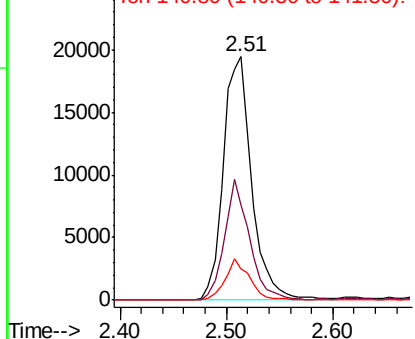


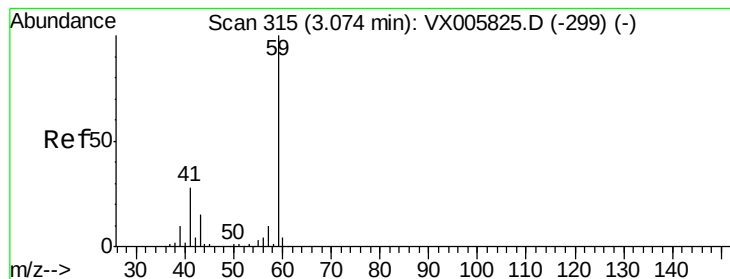
#10
 Methyl Iodide
 Concen: 28.760 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion:142 Resp: 36420
 Ion Ratio Lower Upper
 142 100
 127 43.5 36.0 54.0
 141 14.6 11.7 17.5



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



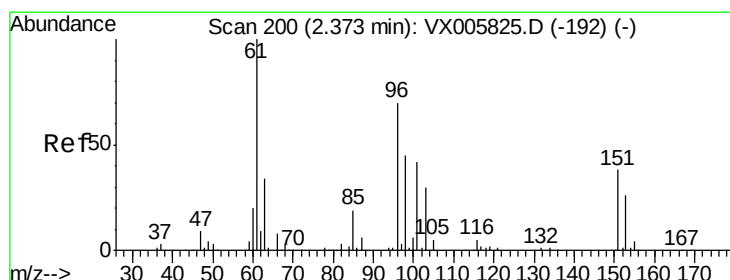
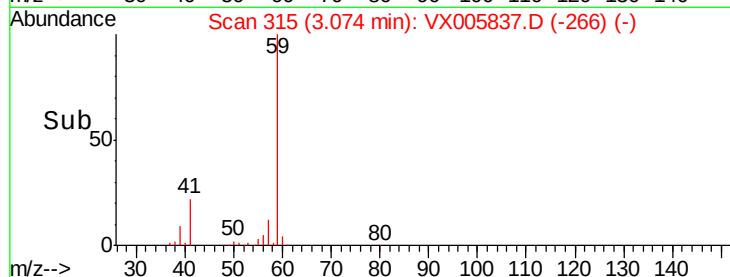
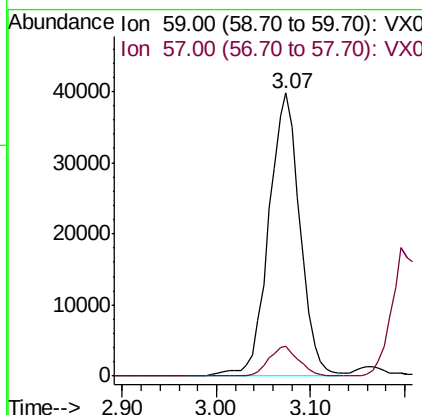
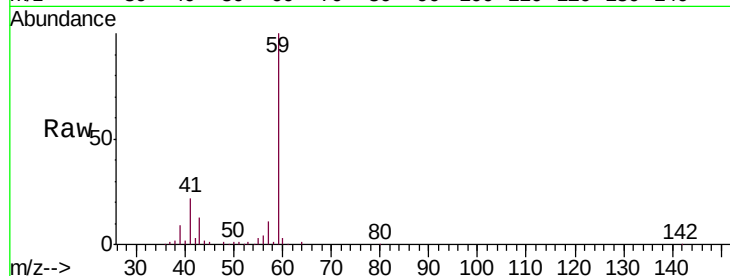


#11

Tert butyl alcohol
 Concen: 242.309 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

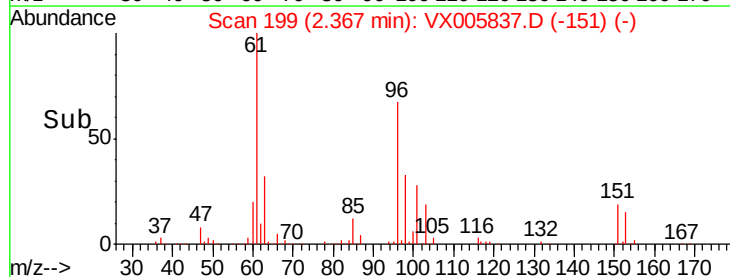
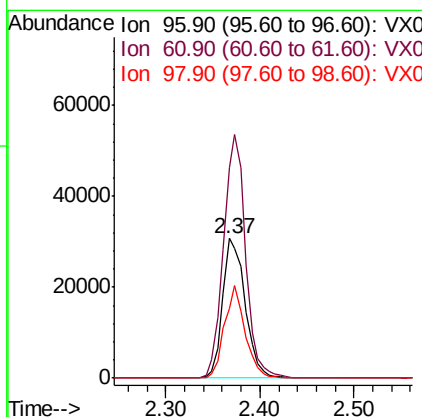
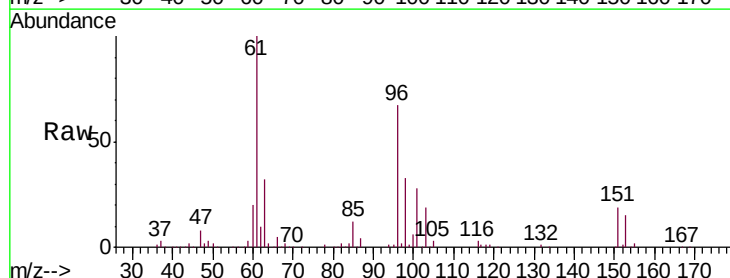
Tgt Ion: 59 Resp: 91945
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

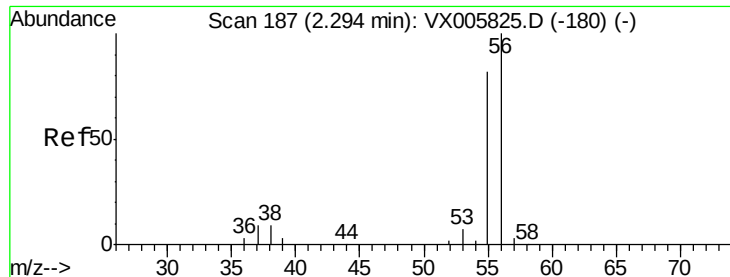


#12

1,1-Dichloroethene
 Concen: 50.283 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 96 Resp: 51209
 Ion Ratio Lower Upper
 96 100
 61 150.3 131.8 197.8
 98 49.9 53.4 80.2#





#13

Acrolein

Concen: 257.339 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

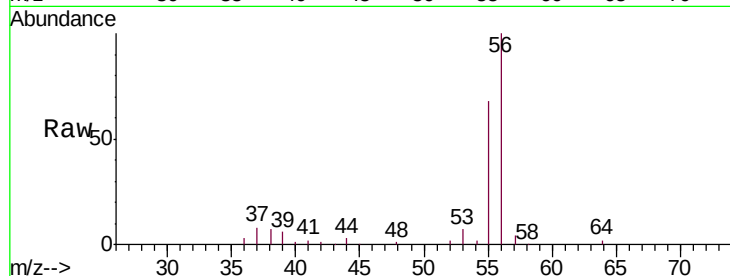
VSTDCCC050EC

Tgt Ion: 56 Resp: 46670

Ion Ratio Lower Upper

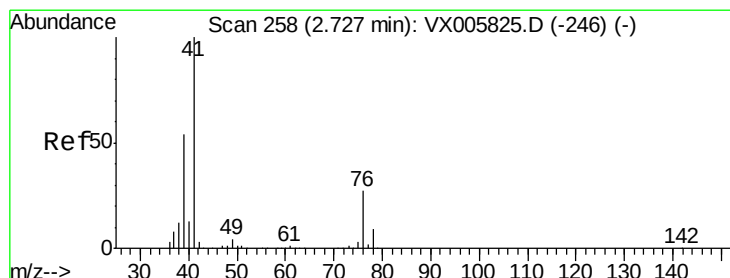
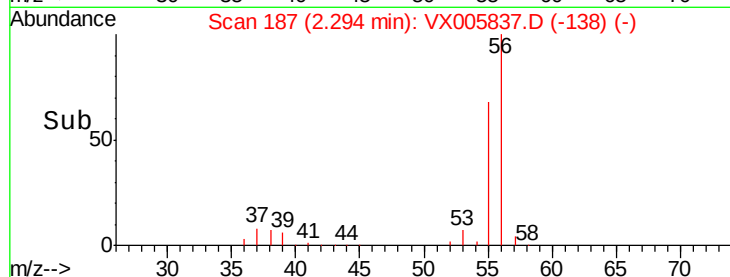
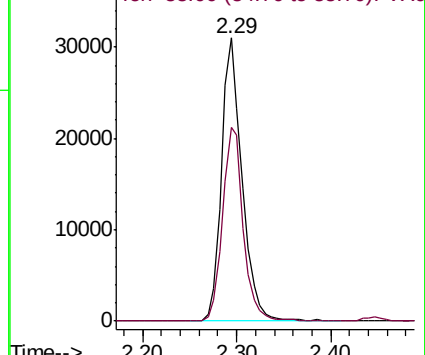
56 100

55 68.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.113 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

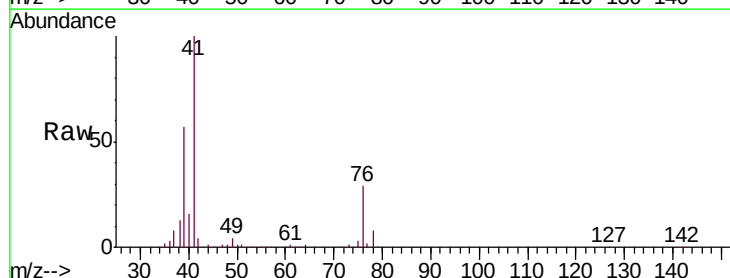
Tgt Ion: 41 Resp: 116260

Ion Ratio Lower Upper

41 100

39 59.6 48.2 72.4

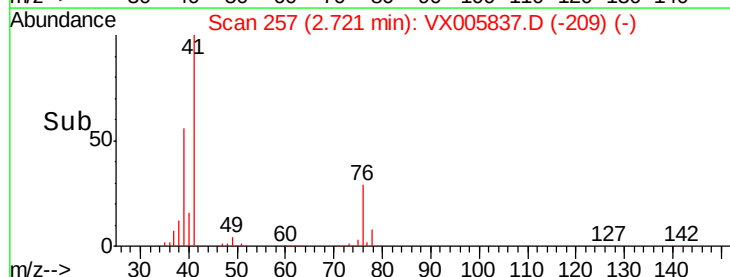
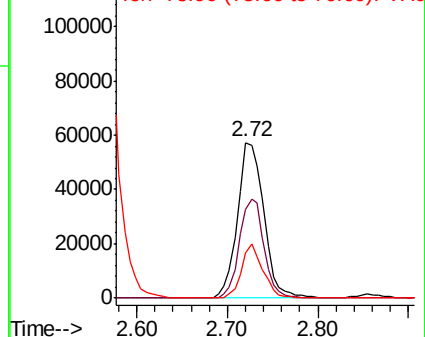
76 28.2 21.9 32.9

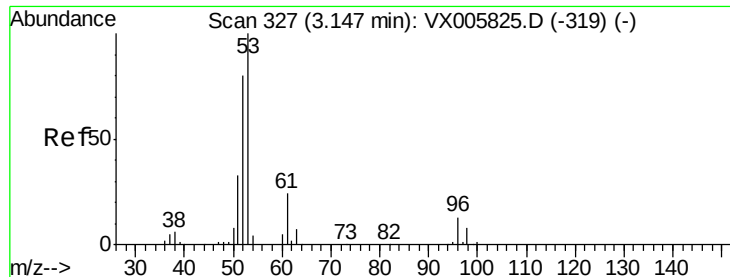


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 265.652 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

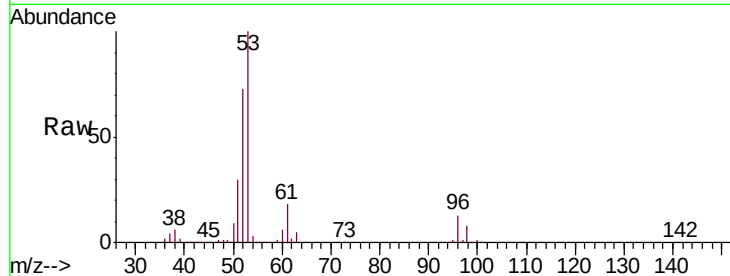
Tgt Ion: 53 Resp: 208901

Ion Ratio Lower Upper

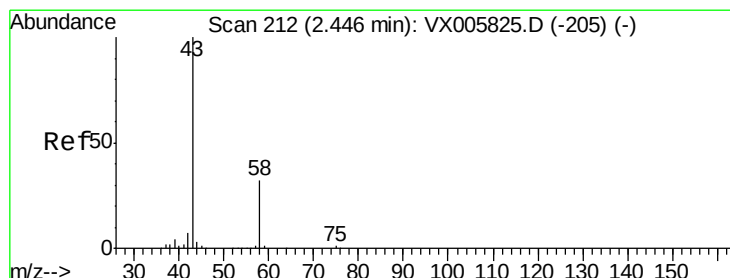
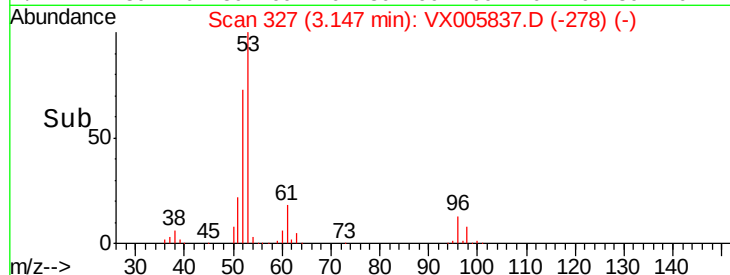
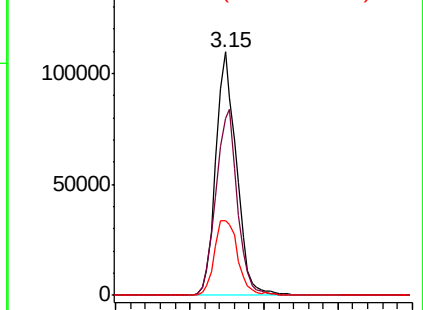
53 100

52 79.5 66.6 99.8

51 35.3 28.4 42.6



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: 260.390 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005837.D

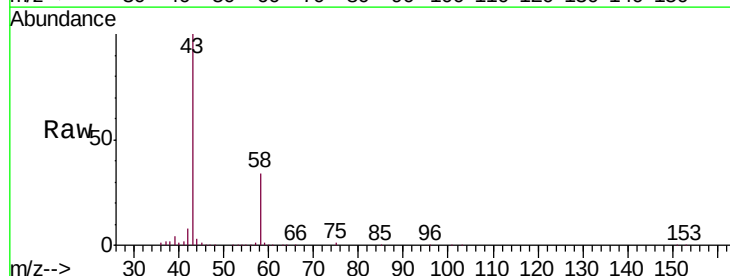
Acq: 07 Nov 2018 19:31

Tgt Ion: 43 Resp: 185710

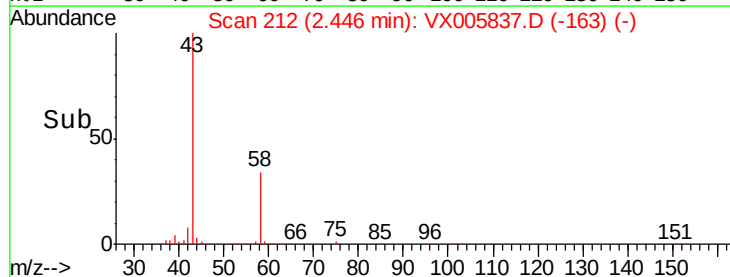
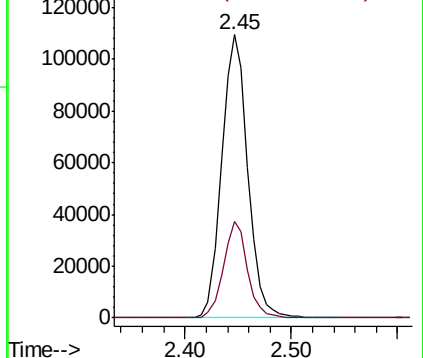
Ion Ratio Lower Upper

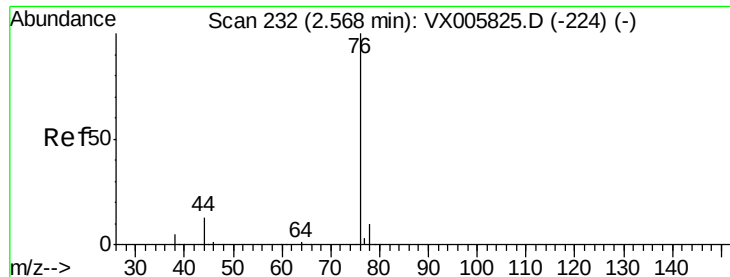
43 100

58 34.2 23.8 35.6



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





#17

Carbon Disulfide

Concen: 52.651 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

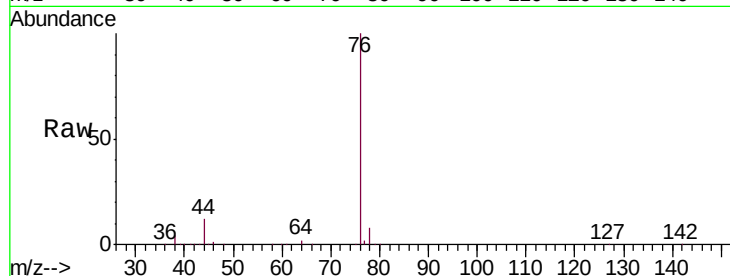
VSTDCCC050EC

Tgt Ion: 76 Resp: 159940

Ion Ratio Lower Upper

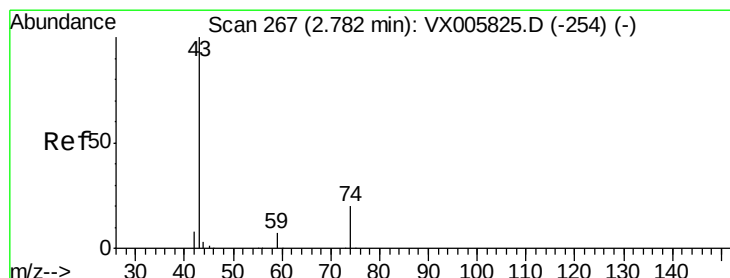
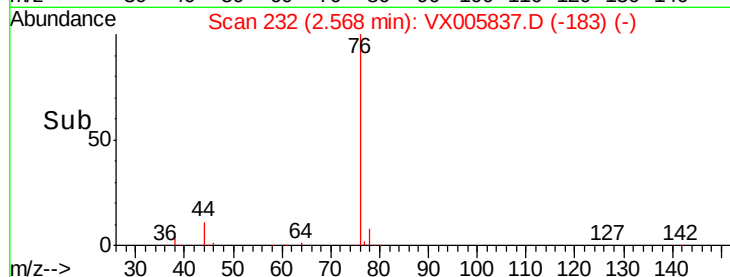
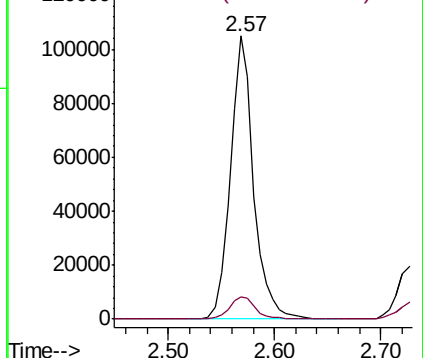
76 100

78 7.8 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: 53.637 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005837.D

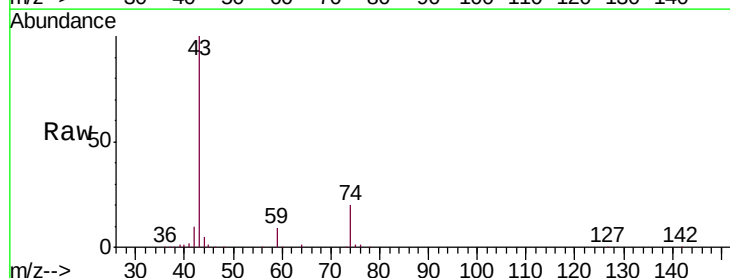
Acq: 07 Nov 2018 19:31

Tgt Ion: 43 Resp: 102310

Ion Ratio Lower Upper

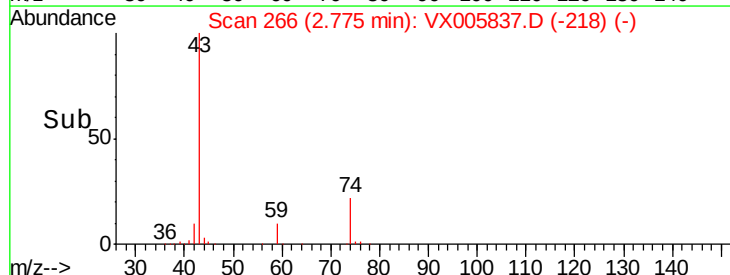
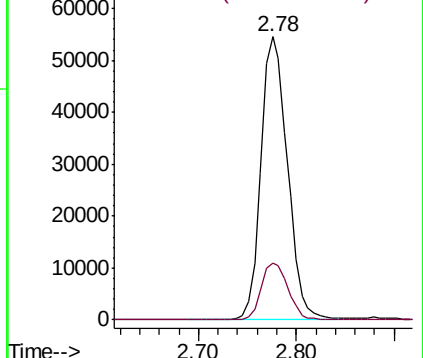
43 100

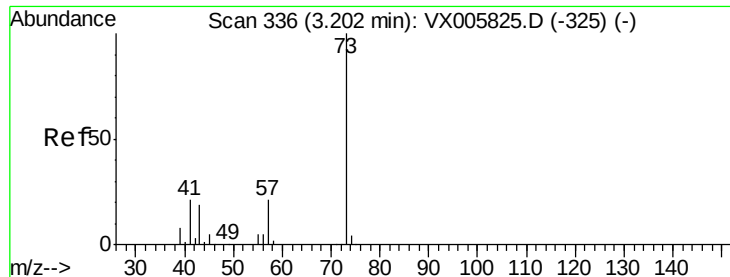
74 20.9 16.8 25.2



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: 52.863 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

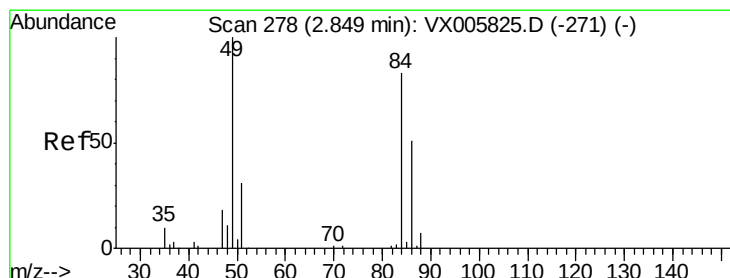
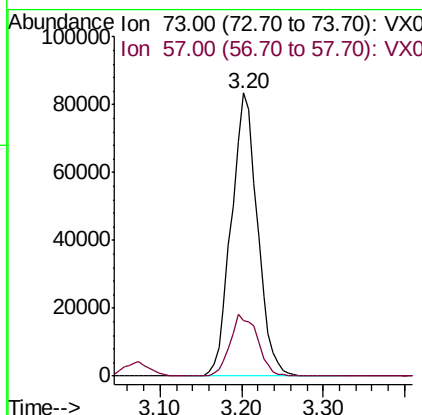
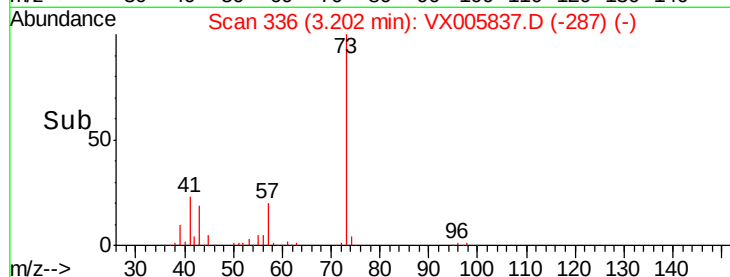
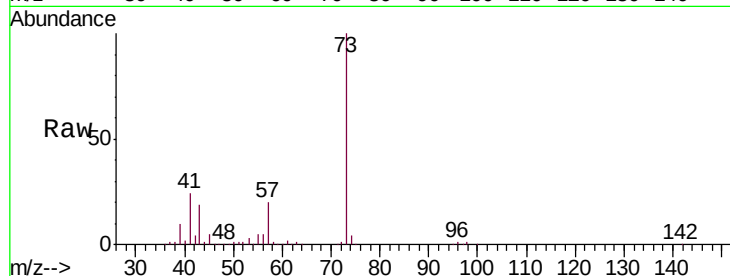
VSTDCCC050EC

Tgt Ion: 73 Resp: 183749

Ion Ratio Lower Upper

73 100

57 19.8 18.8 28.2



#20

Methylene Chloride

Concen: 50.673 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Tgt Ion: 84 Resp: 59365

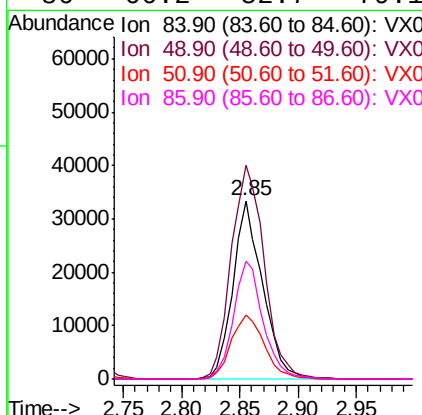
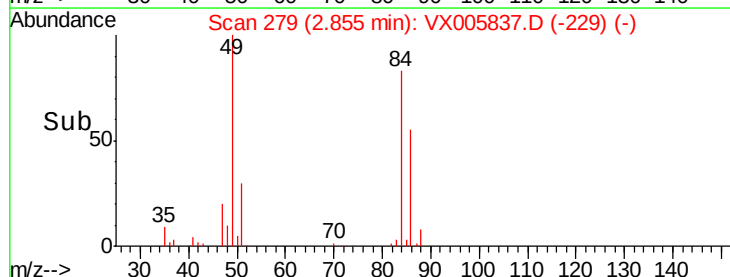
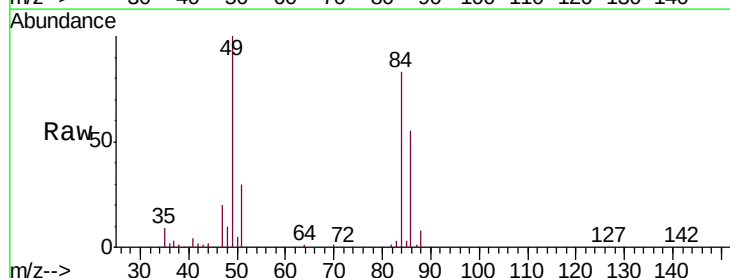
Ion Ratio Lower Upper

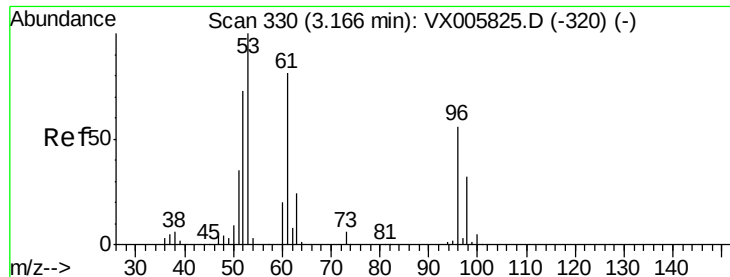
84 100

49 119.8 109.5 164.3

51 35.6 33.3 49.9

86 66.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 50.199 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

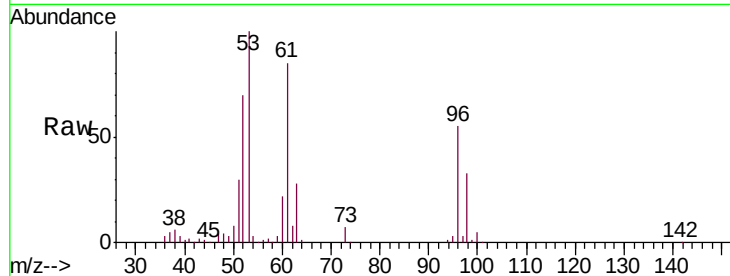
Tgt Ion: 96 Resp: 53922

Ion Ratio Lower Upper

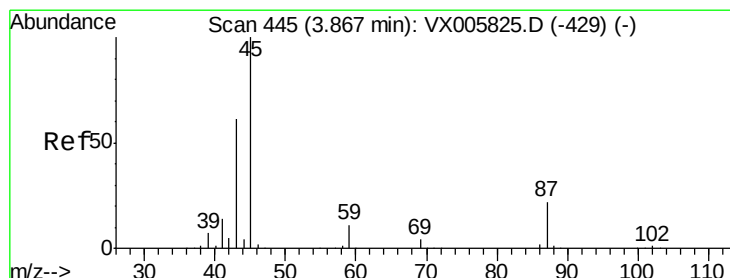
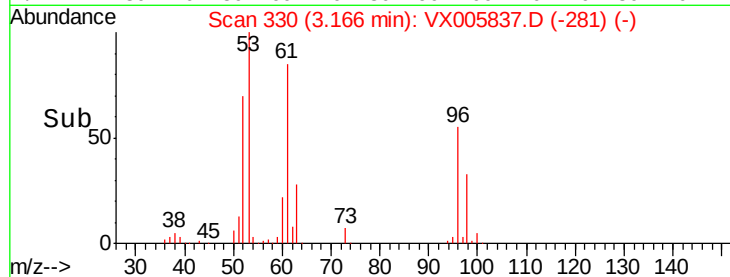
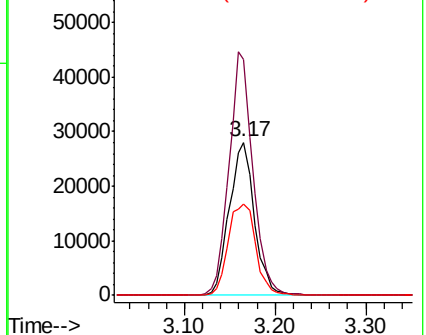
96 100

61 154.3 115.6 173.4

98 59.8 50.2 75.2



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: 51.382 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Tgt Ion: 45 Resp: 204731

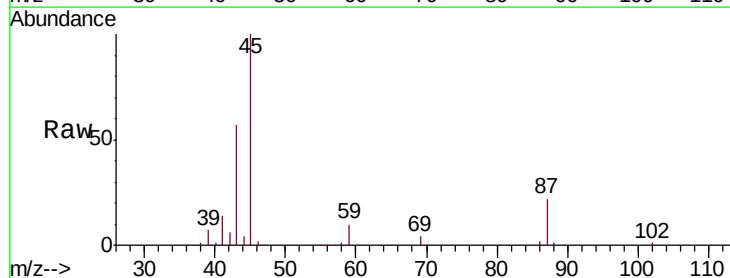
Ion Ratio Lower Upper

45 100

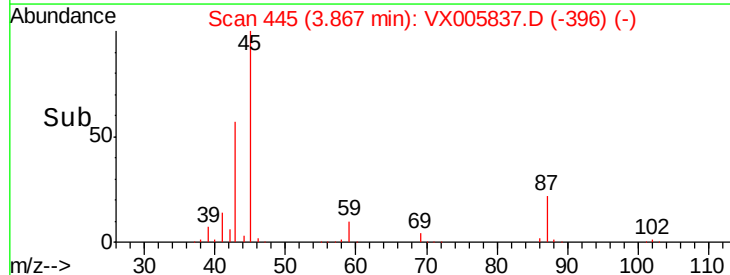
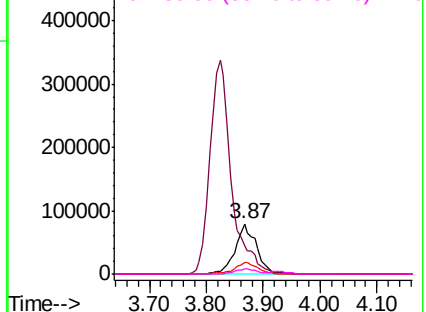
43 56.7 47.4 71.2

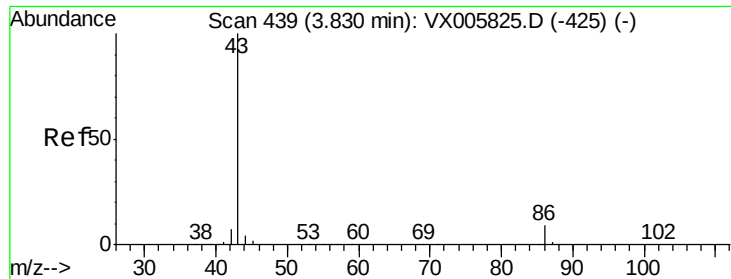
87 22.0 15.9 23.9

59 10.2 7.7 11.5



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: 259.054 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

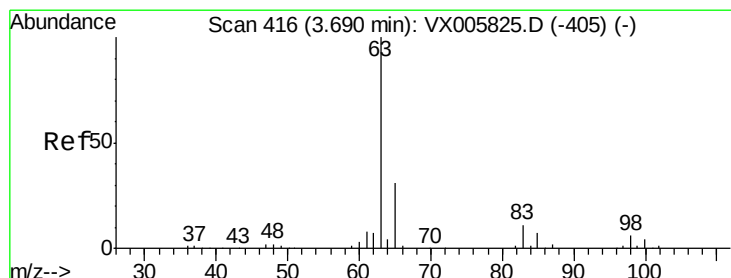
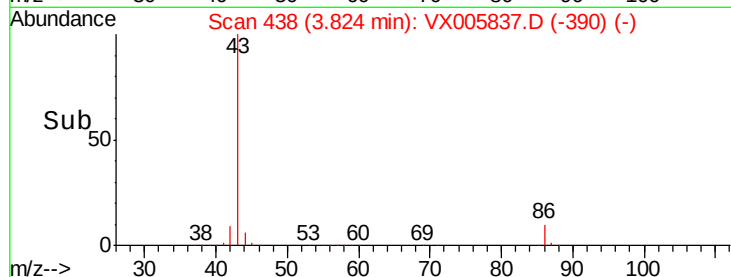
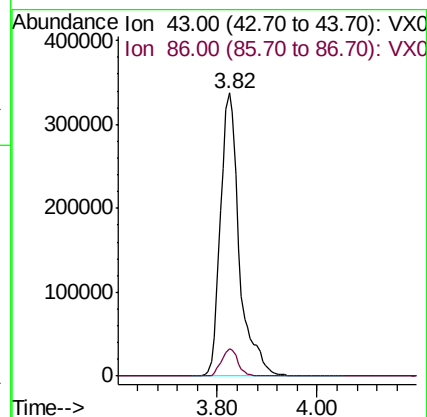
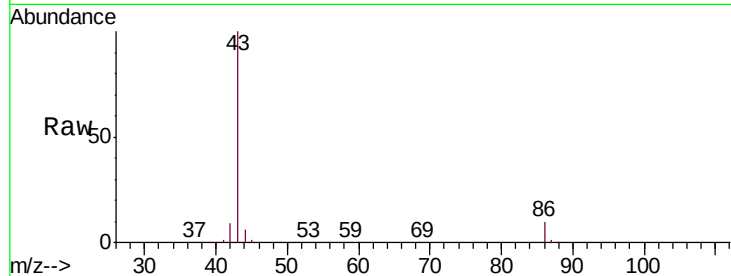
VSTDCCC050EC

Tgt Ion: 43 Resp: 885021

Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.2



#24

1,1-Dichloroethane

Concen: 52.257 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

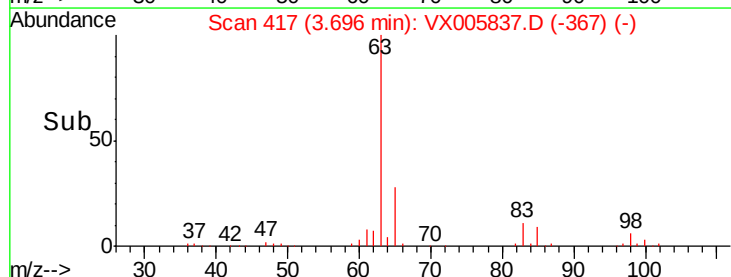
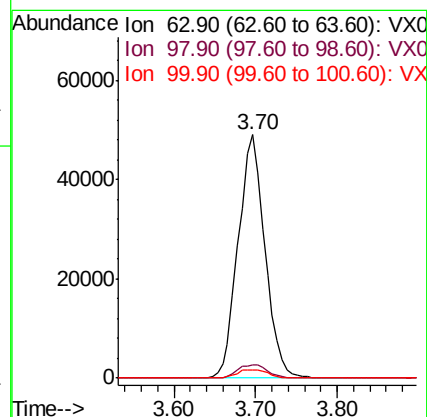
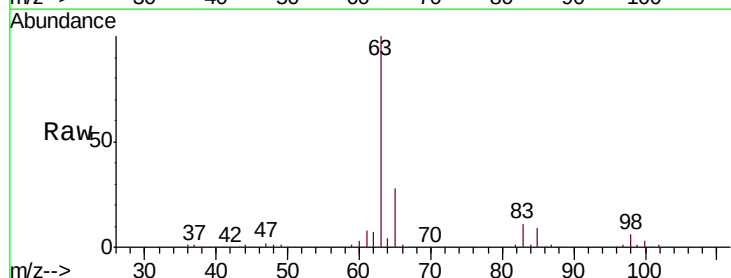
Tgt Ion: 63 Resp: 111088

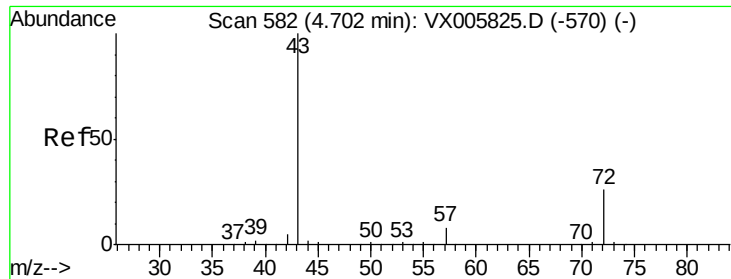
Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

100 3.4 2.1 6.2





#25

2-Butanone

Concen: 269.511 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

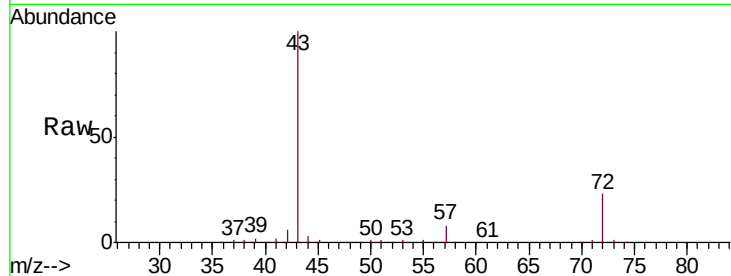
VSTDCCC050EC

Tgt Ion: 43 Resp: 302193

Ion Ratio Lower Upper

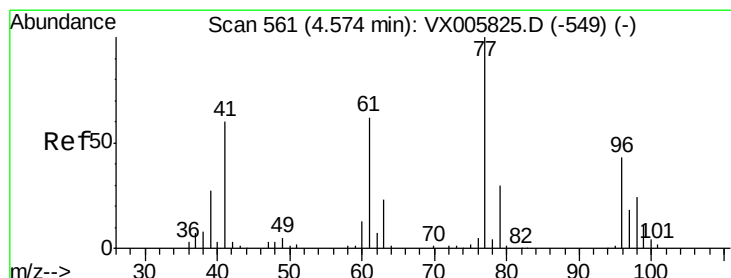
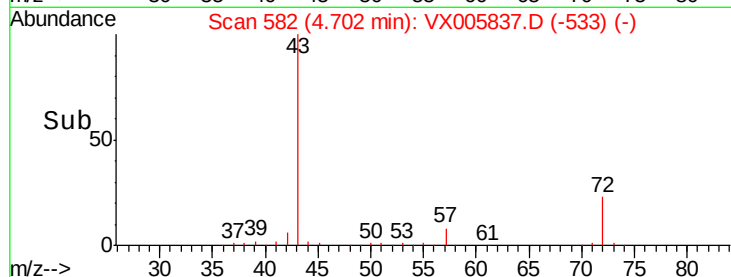
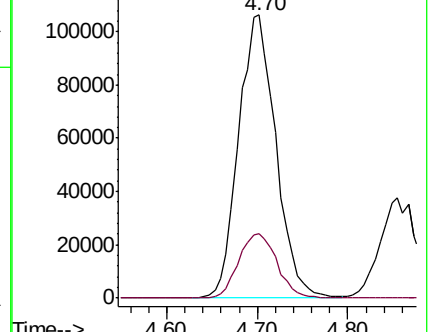
43 100

72 22.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.958 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005837.D

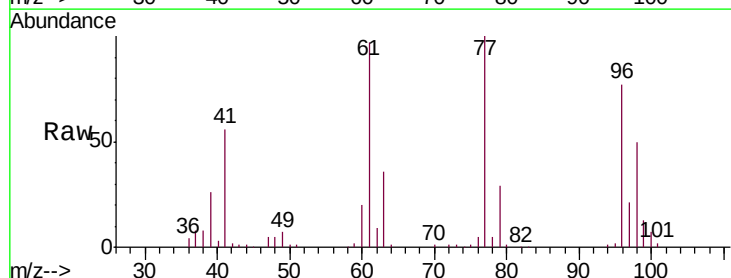
Acq: 07 Nov 2018 19:31

Tgt Ion: 77 Resp: 77904

Ion Ratio Lower Upper

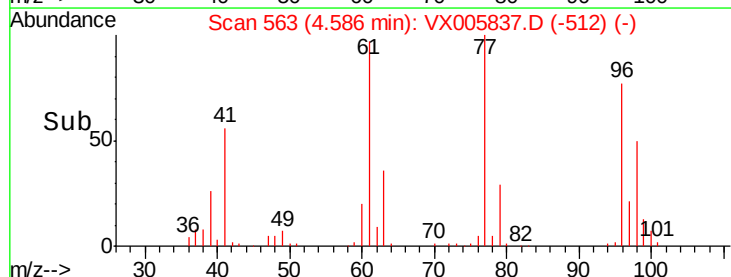
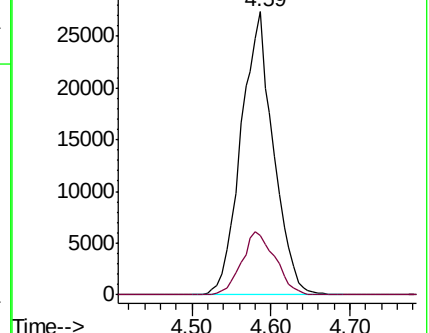
77 100

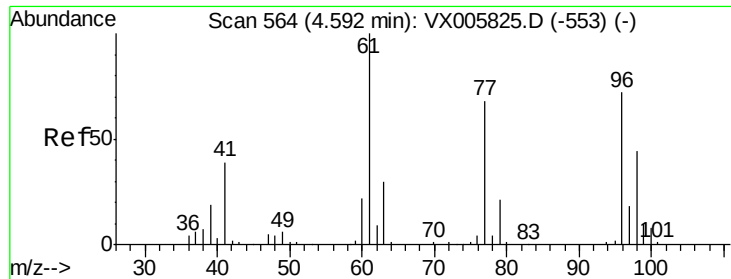
97 23.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



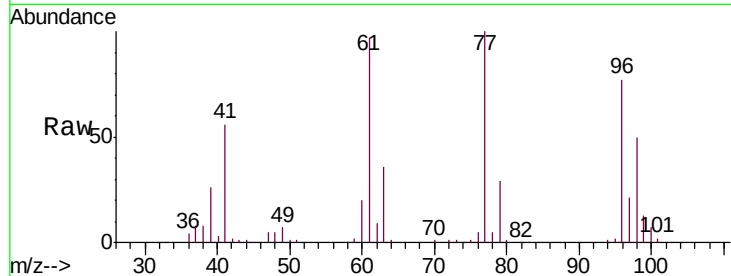


#27

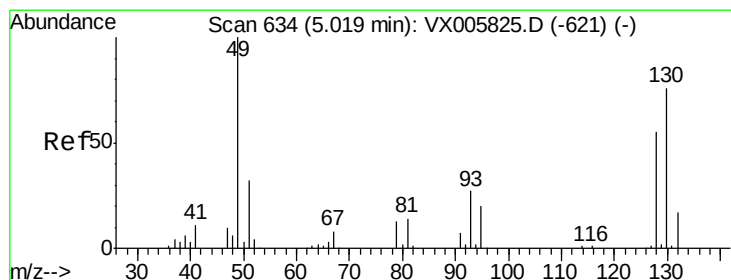
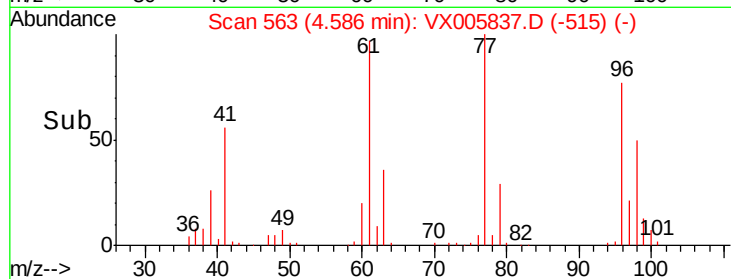
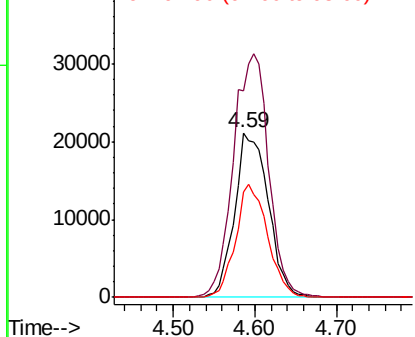
cis-1,2-Dichloroethene
 Concen: 50.869 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 60335
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 304.6
 98 65.6 0.0 127.4



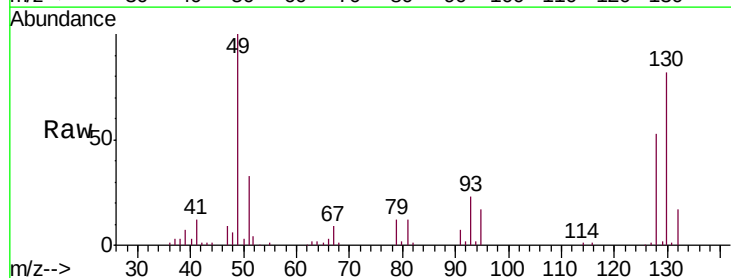
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



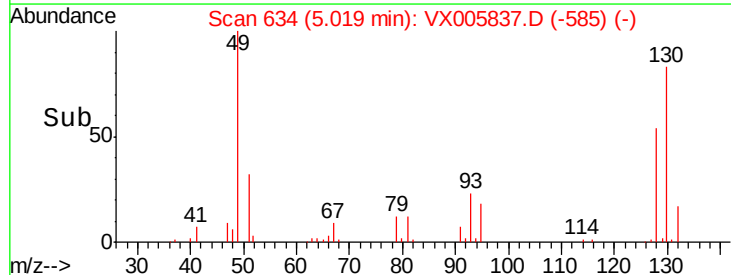
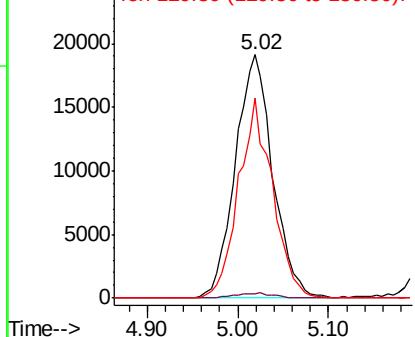
#28

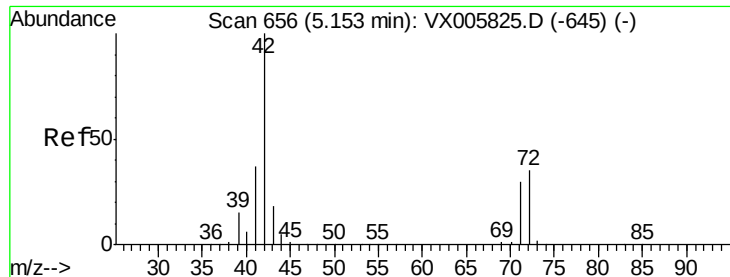
Bromochloromethane
 Concen: 57.616 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 49 Resp: 54739
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 74.7 58.9 88.3



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

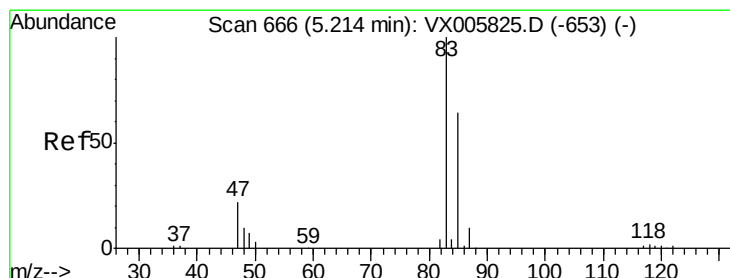
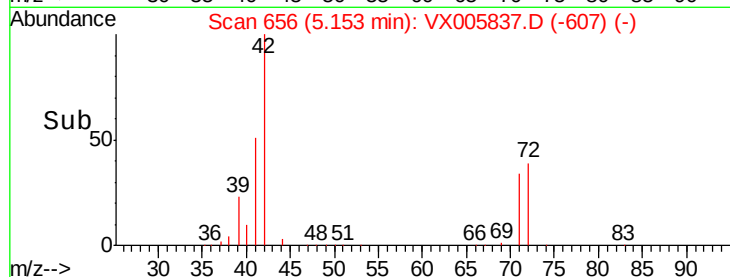
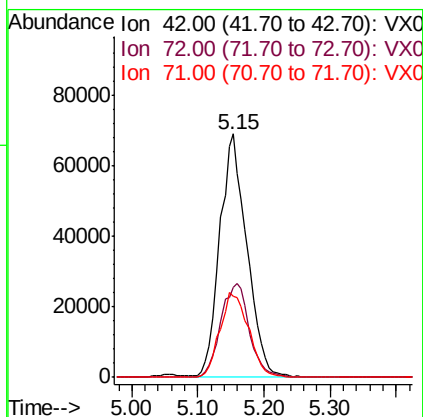
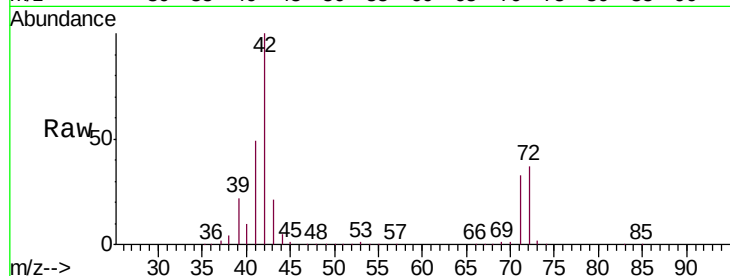




#29
Tetrahydrofuran
Concen: 271.227 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

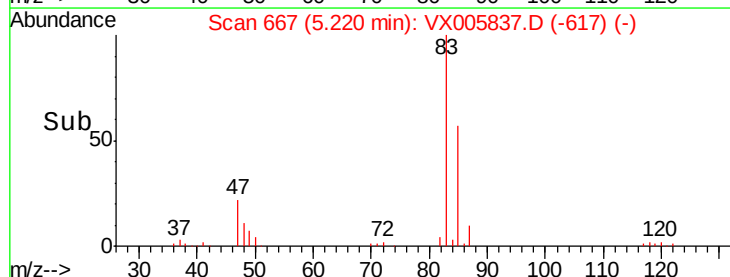
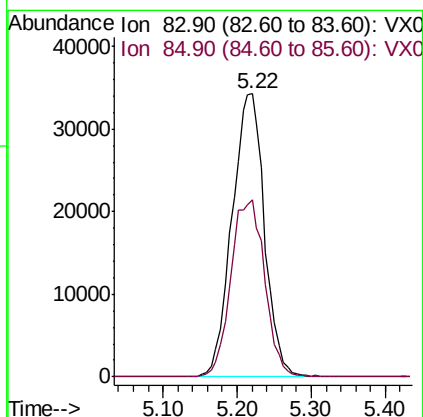
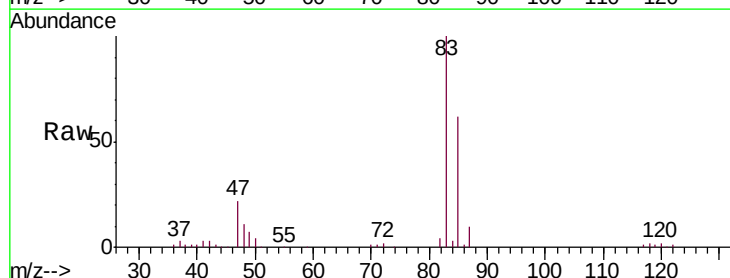
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

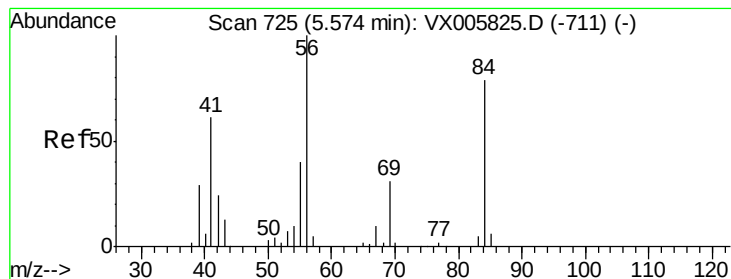
Tgt Ion: 42 Resp: 195266
Ion Ratio Lower Upper
42 100
72 40.6 32.0 48.0
71 36.8 29.8 44.8



#30
Chloroform
Concen: 50.854 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Tgt Ion: 83 Resp: 104298
Ion Ratio Lower Upper
83 100
85 62.5 50.6 76.0





#31

Cyclohexane

Concen: 52.989 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

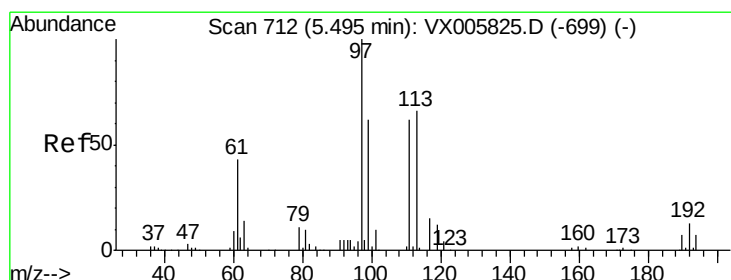
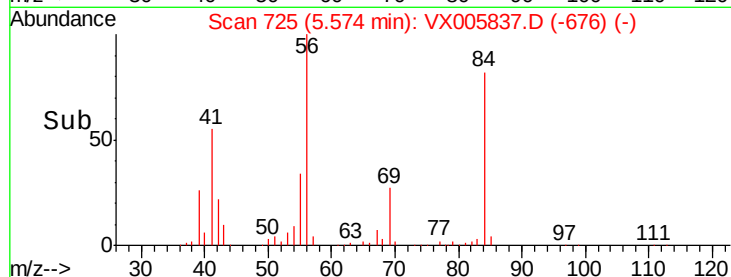
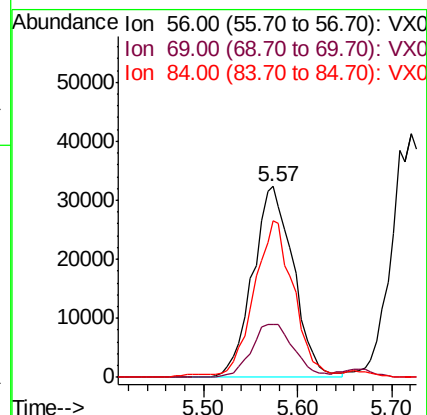
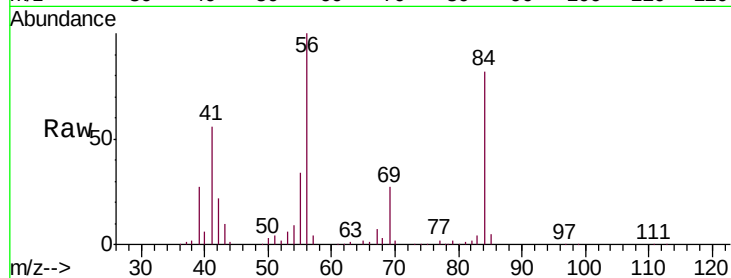
Tgt Ion: 56 Resp: 97780

Ion Ratio Lower Upper

56 100

69 27.5 22.6 34.0

84 80.8 62.7 94.1



#32

1,1,1-Trichloroethane

Concen: 52.128 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

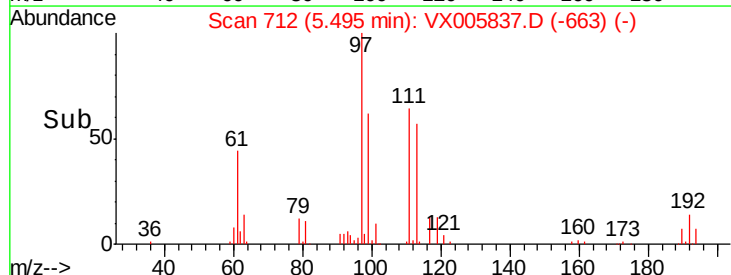
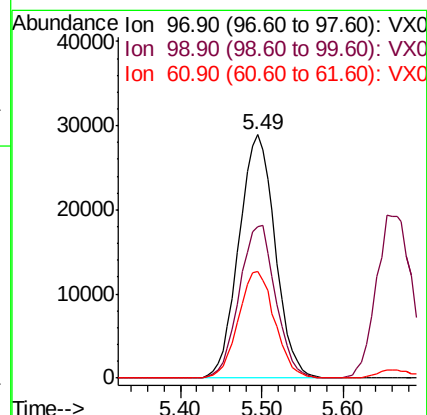
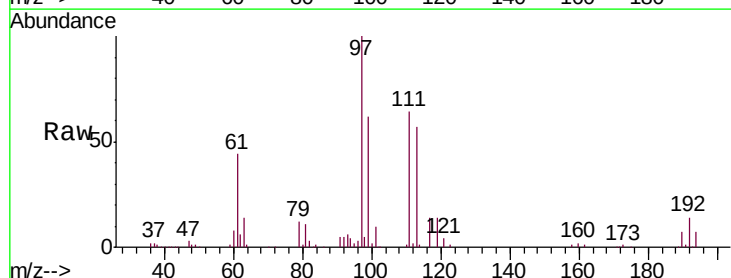
Tgt Ion: 97 Resp: 89173

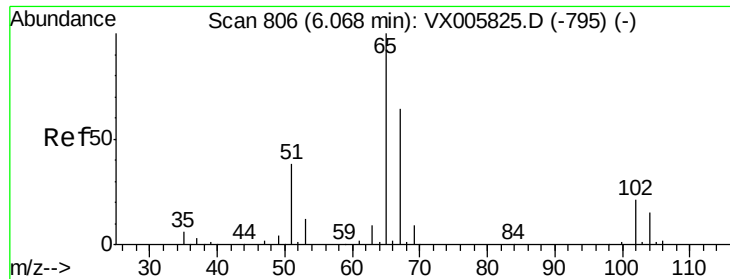
Ion Ratio Lower Upper

97 100

99 62.8 52.3 78.5

61 44.0 35.2 52.8

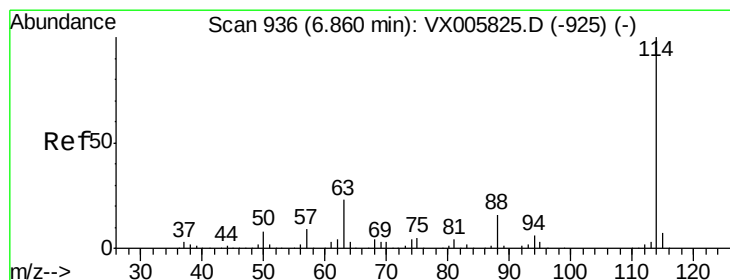
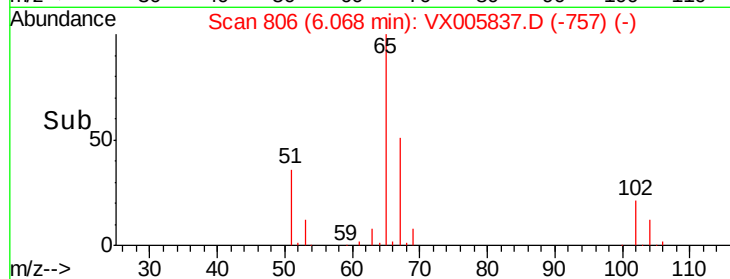
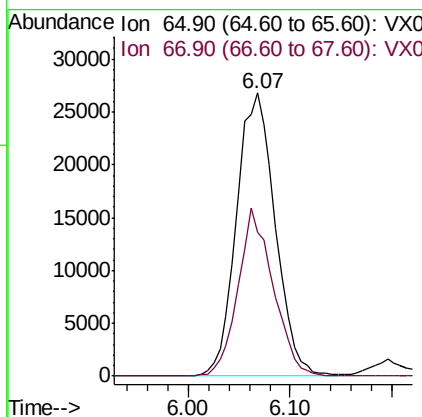
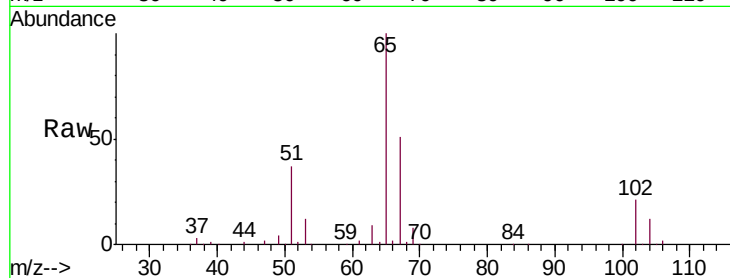




#33
 1,2-Dichloroethane-d4
 Concen: 53.273 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

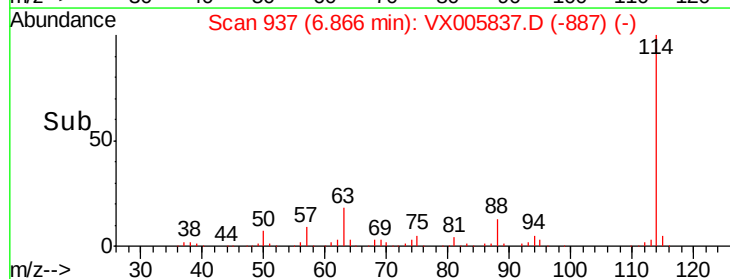
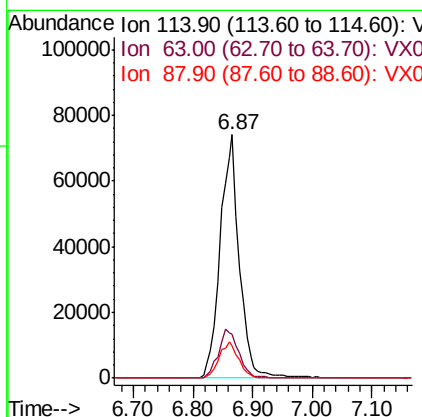
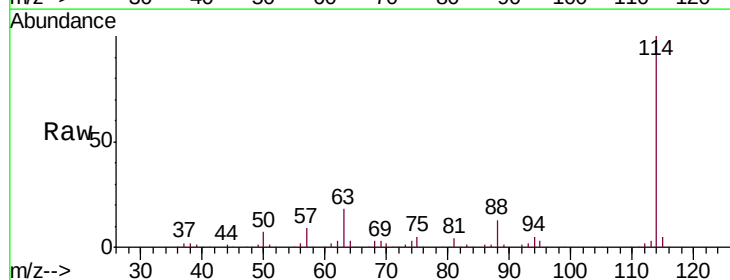
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

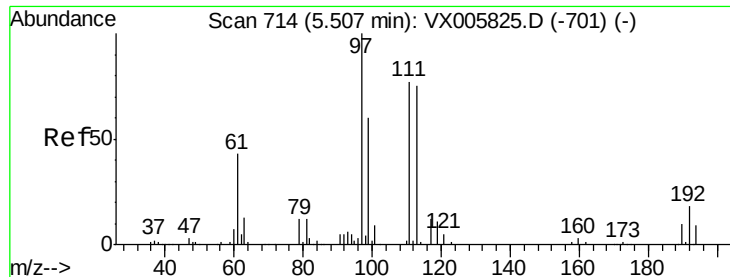
Tgt Ion: 65 Resp: 70565
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 114 Resp: 165826
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 42.8
 88 13.3 0.0 31.2

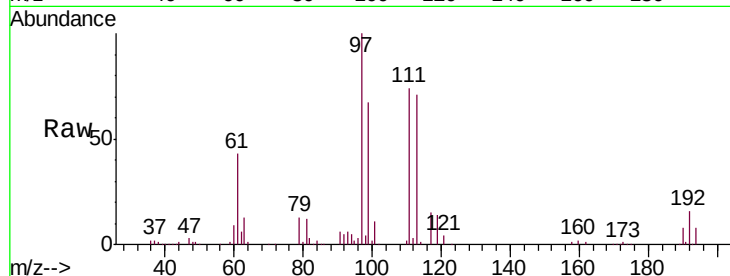




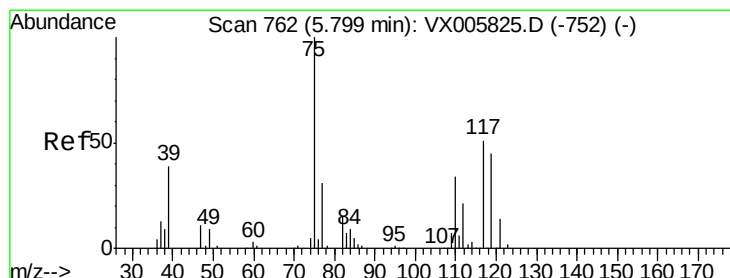
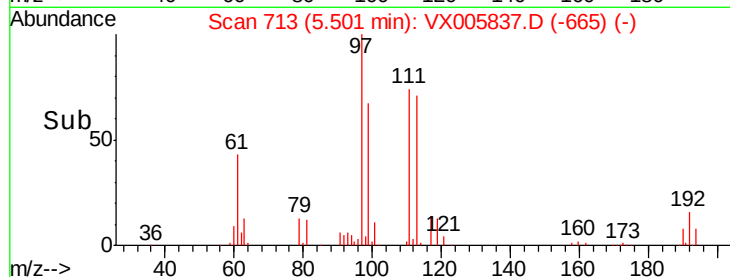
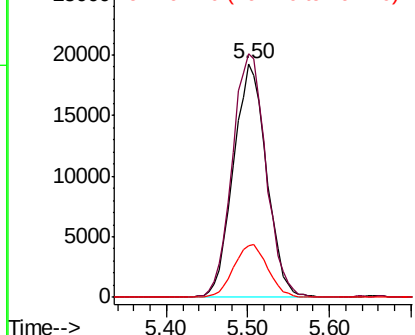
#35
 Dibromofluoromethane
 Concen: 47.929 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 54057
 Ion Ratio Lower Upper
 113 100
 111 106.4 82.3 123.5
 192 23.2 17.9 26.9

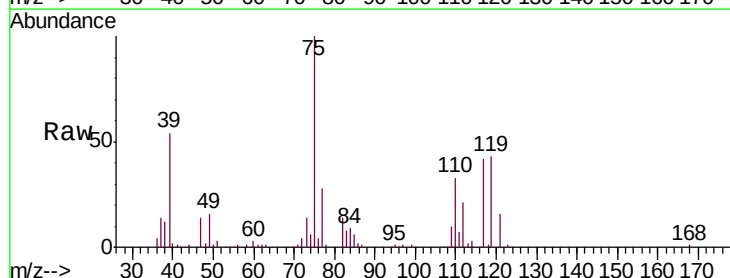


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

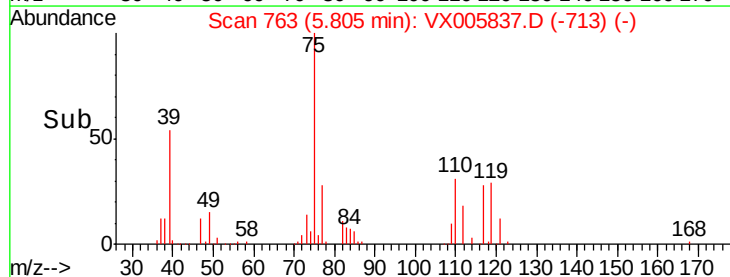
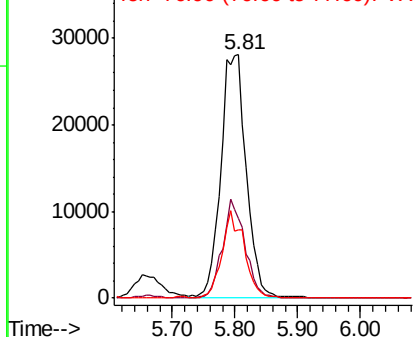


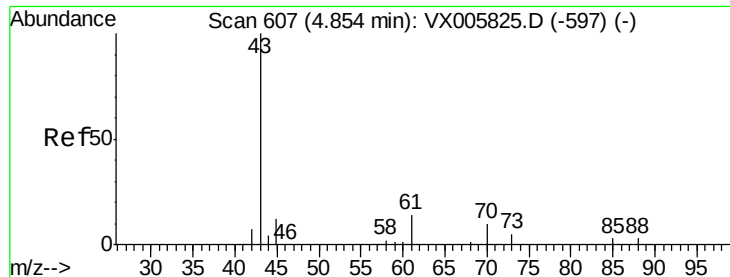
#36
 1,1-Dichloropropene
 Concen: 49.640 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 75 Resp: 79355
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.4 52.2
 77 30.8 25.8 38.6



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

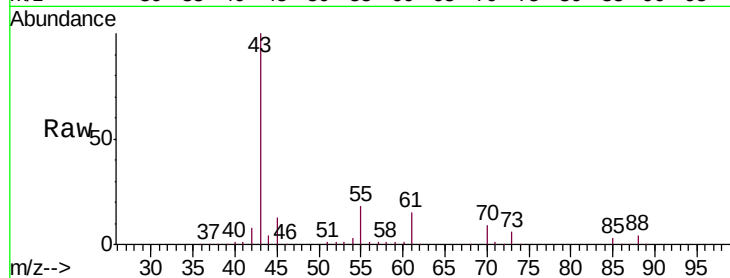




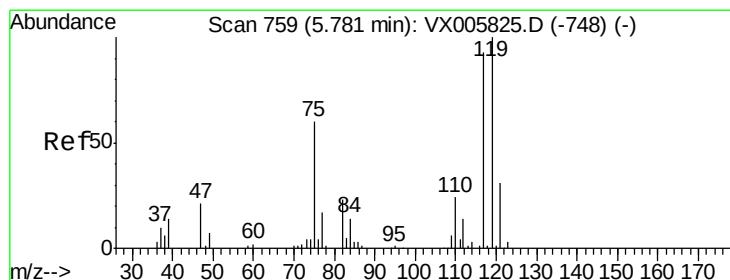
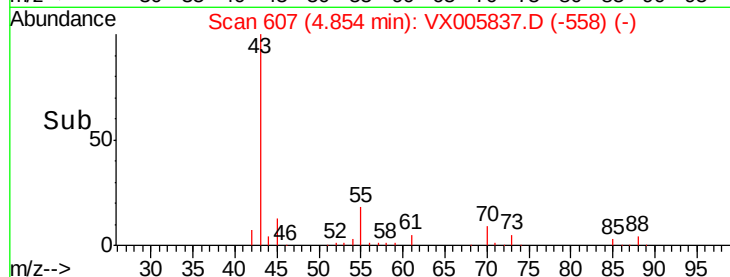
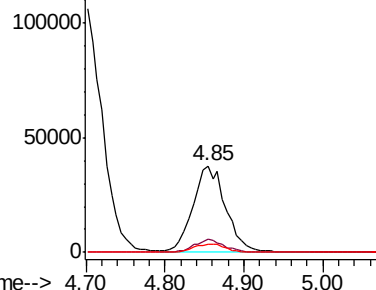
#37
Ethyl Acetate
Concen: 51.553 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 108375
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 9.8 7.8 11.8

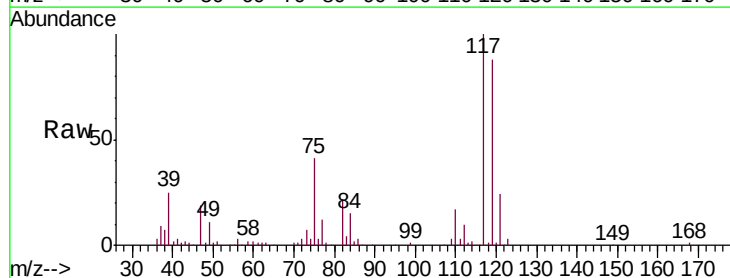


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

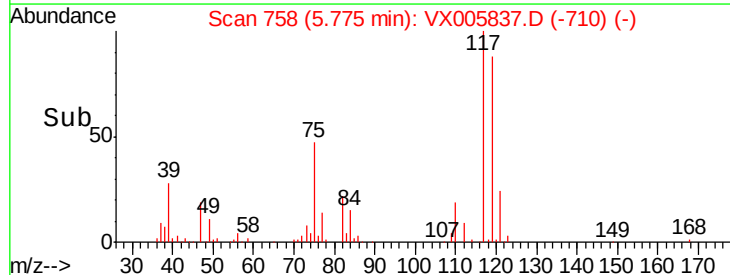
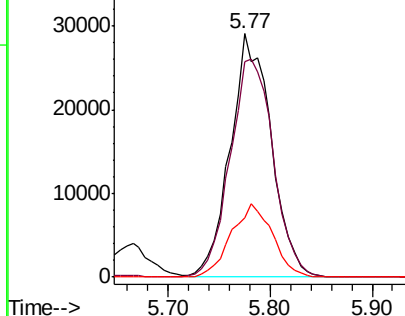


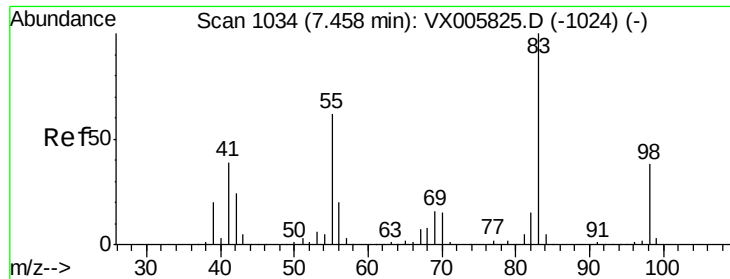
#38
Carbon Tetrachloride
Concen: 50.513 ug/l
RT: 5.77 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Tgt Ion: 117 Resp: 80840
Ion Ratio Lower Upper
117 100
119 88.3 78.1 117.1
121 24.5 24.6 36.8#



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





#39

Methylcyclohexane

Concen: 48.295 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

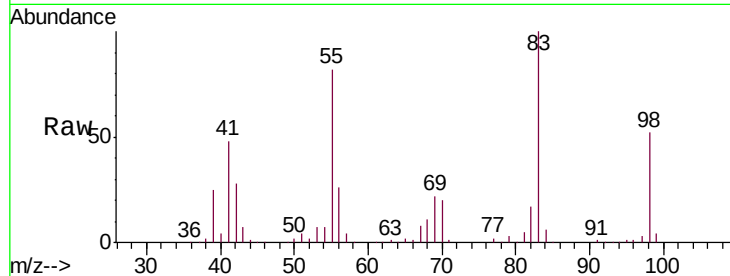
Tgt Ion: 83 Resp: 78249

Ion Ratio Lower Upper

83 100

55 82.4 63.7 95.5

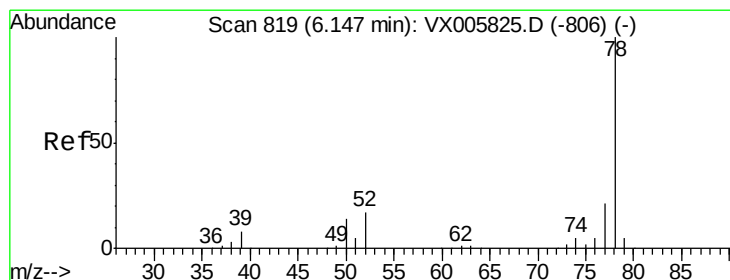
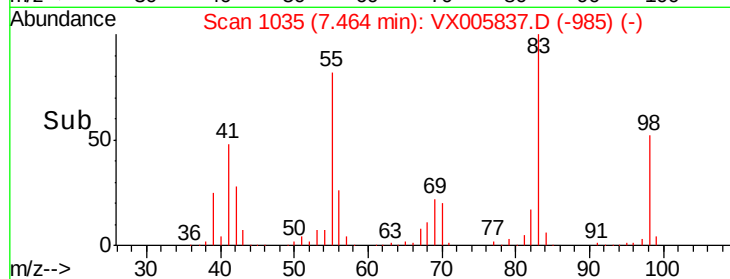
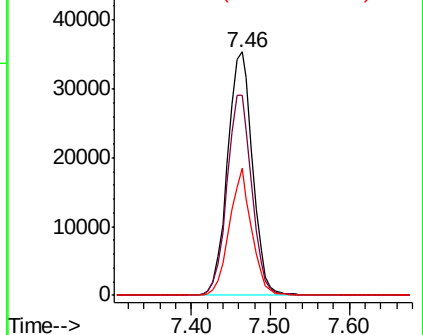
98 52.3 36.2 54.2



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: 50.836 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX005837.D

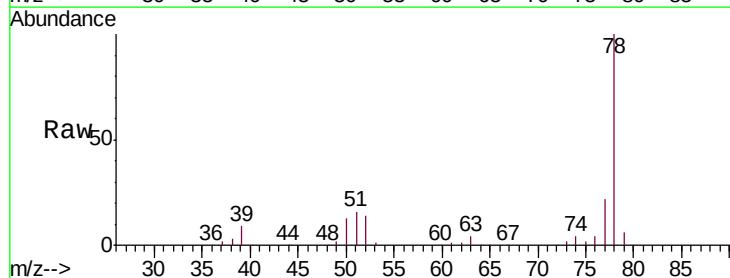
Acq: 07 Nov 2018 19:31

Tgt Ion: 78 Resp: 236910

Ion Ratio Lower Upper

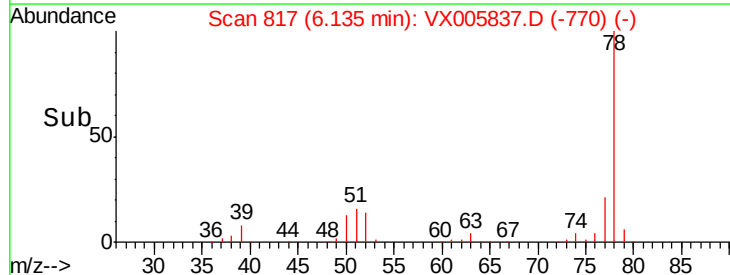
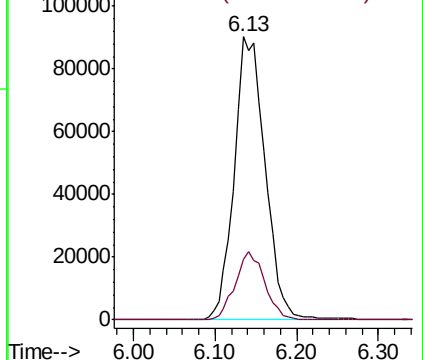
78 100

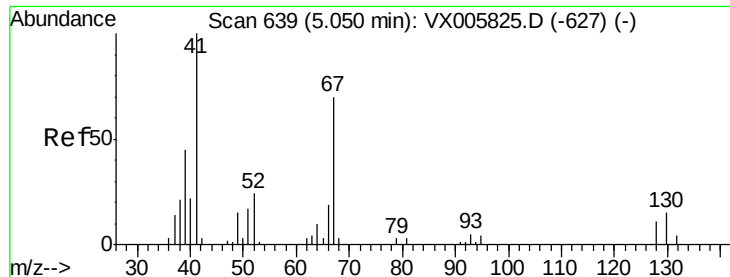
77 21.5 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

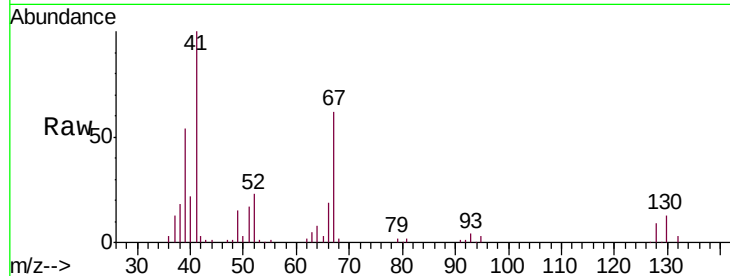




#41
Methacrylonitrile
Concen: 52.767 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	59939
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.2	63.2
67	66.0	53.4	80.0
52	28.2	23.4	35.2



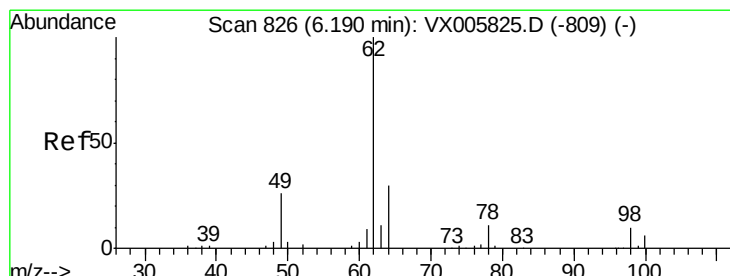
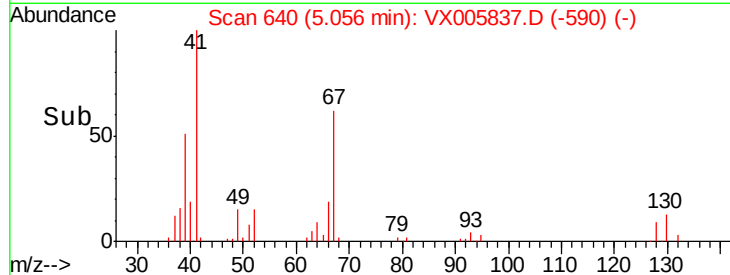
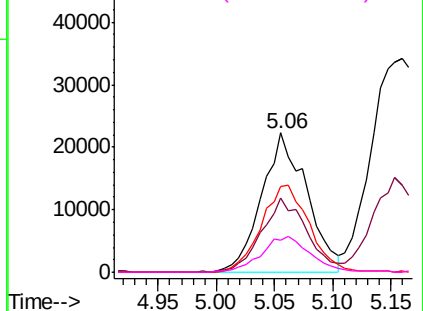
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

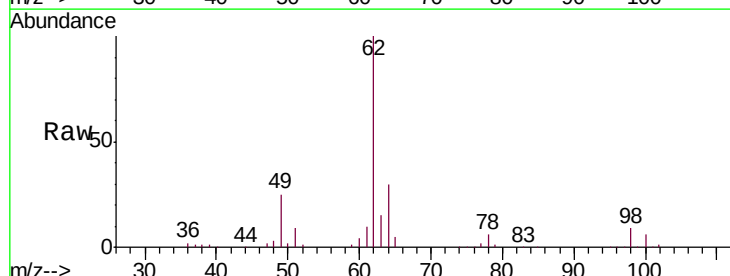
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 50.952 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

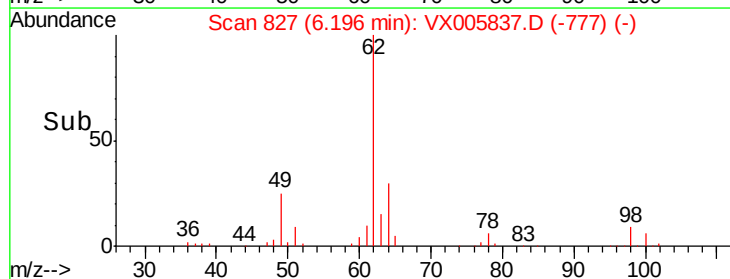
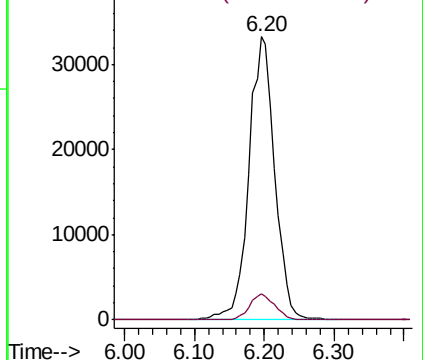
Tgt Ion:	62	Resp:	85049
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8

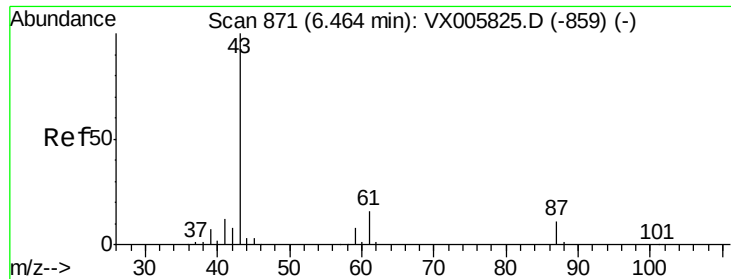


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.182 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

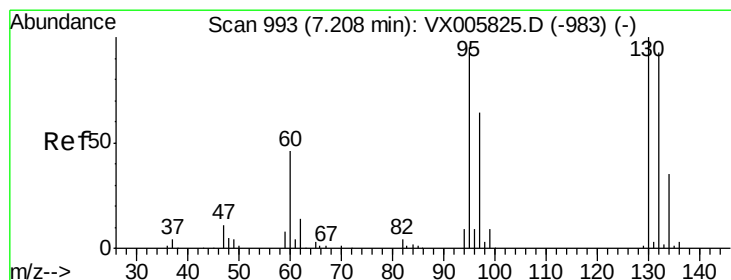
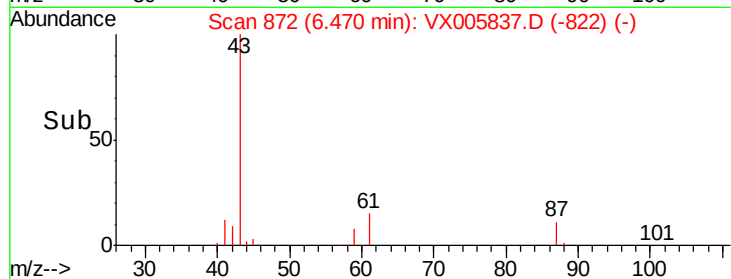
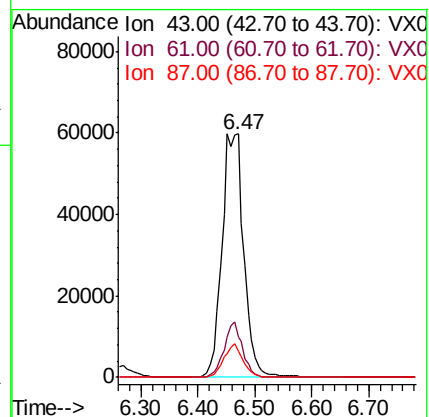
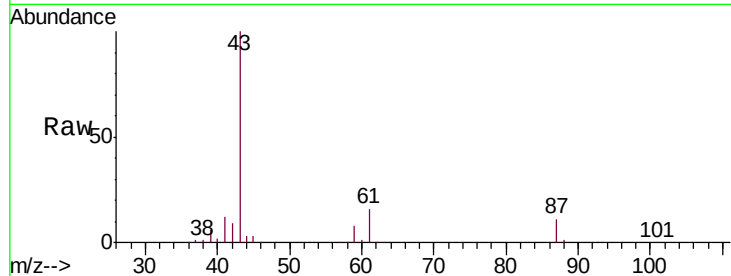
Tgt Ion: 43 Resp: 158951

Ion Ratio Lower Upper

43 100

61 19.2 14.6 22.0

87 12.1 9.6 14.4



#44

Trichloroethene

Concen: 47.180 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX005837.D

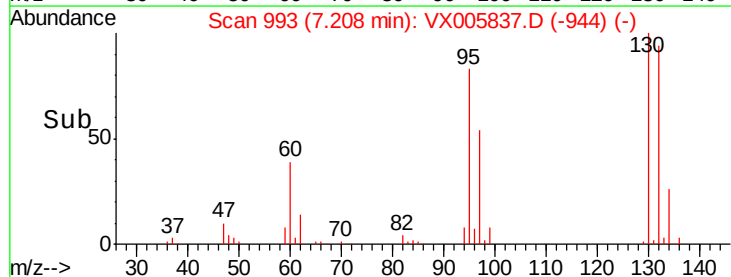
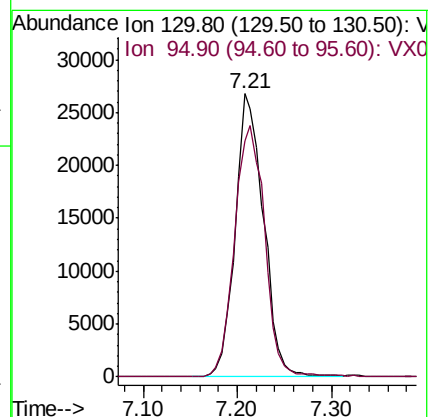
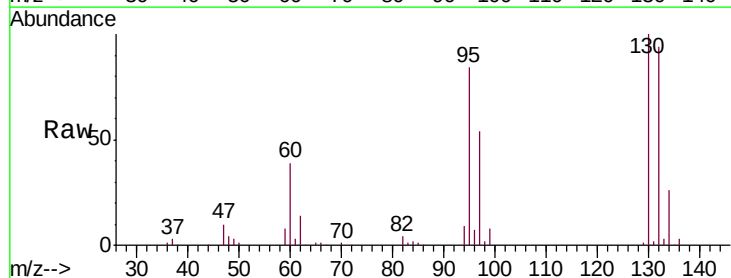
Acq: 07 Nov 2018 19:31

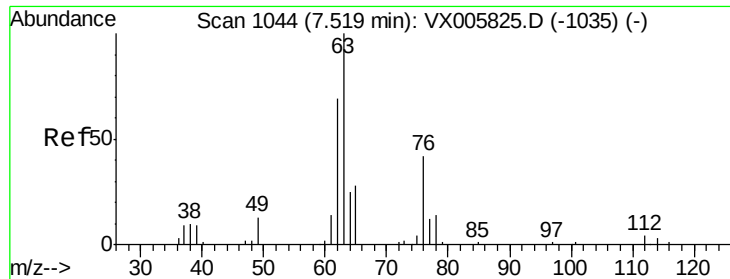
Tgt Ion: 130 Resp: 55838

Ion Ratio Lower Upper

130 100

95 83.5 0.0 194.2

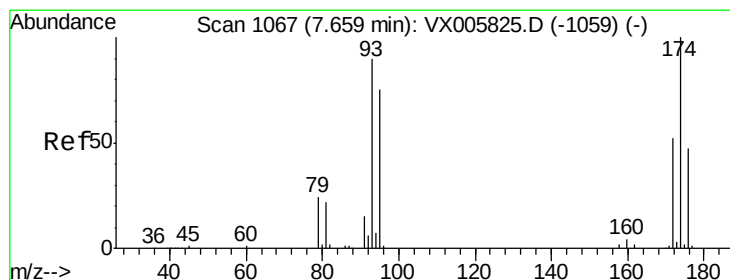
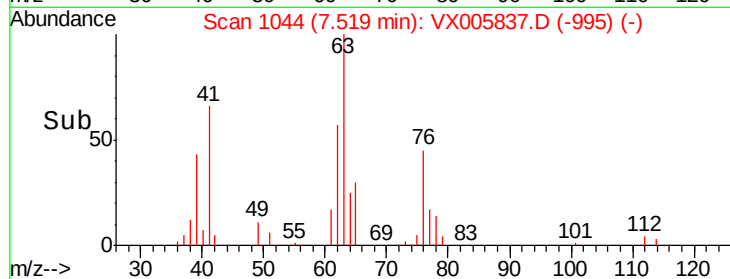
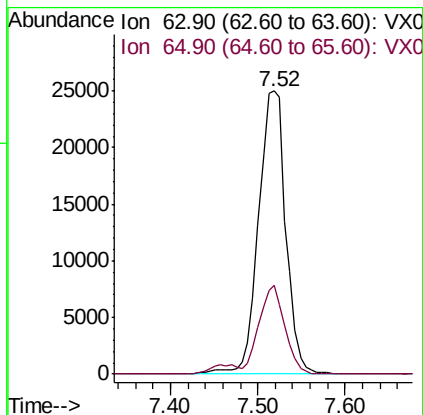
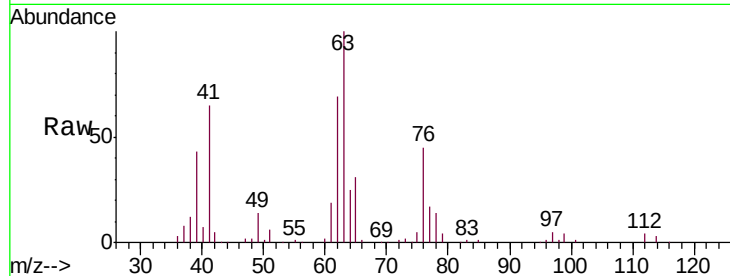




#45
 1,2-Dichloropropane
 Concen: 48.297 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

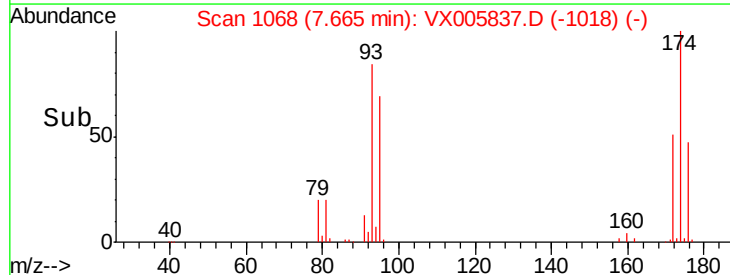
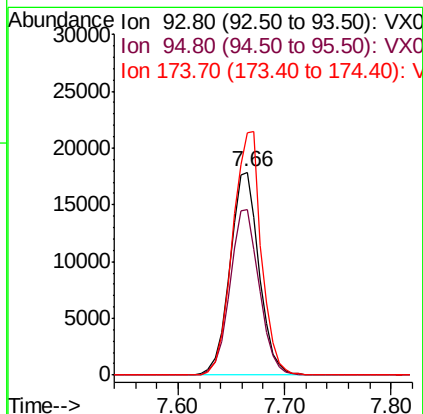
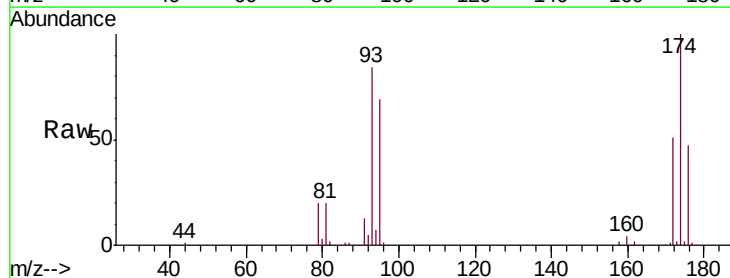
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

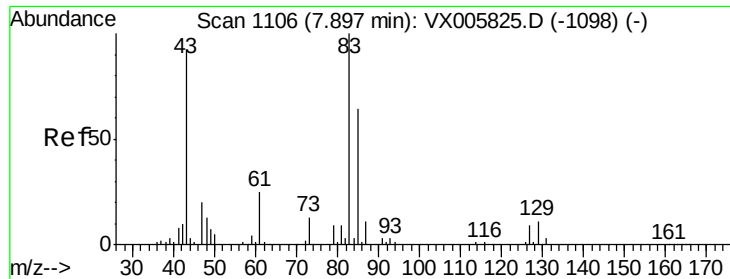
Tgt Ion: 63 Resp: 54630
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2



#46
 Dibromomethane
 Concen: 48.174 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 93 Resp: 34194
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.4 101.0
 174 118.8 91.5 137.3





#47

Bromodichloromethane

Concen: 49.890 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

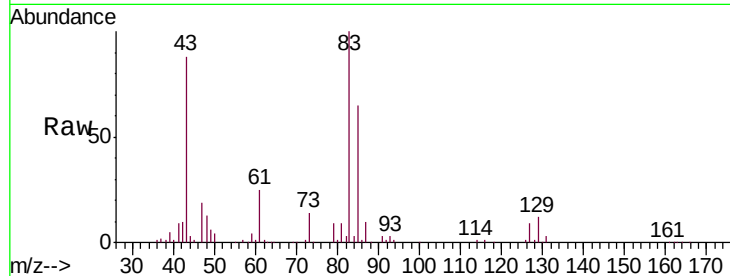
Tgt Ion: 83 Resp: 66924

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

127 9.0 6.9 10.3

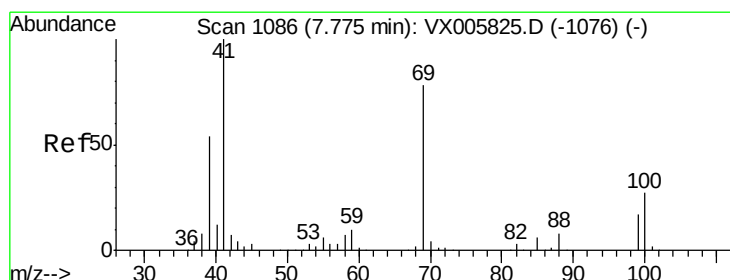
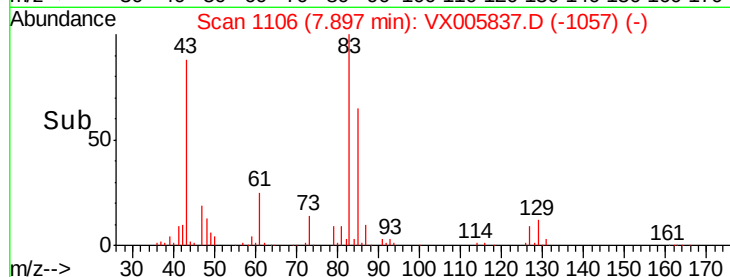
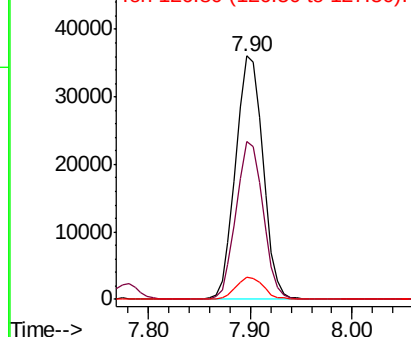


Abundance

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: 52.371 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

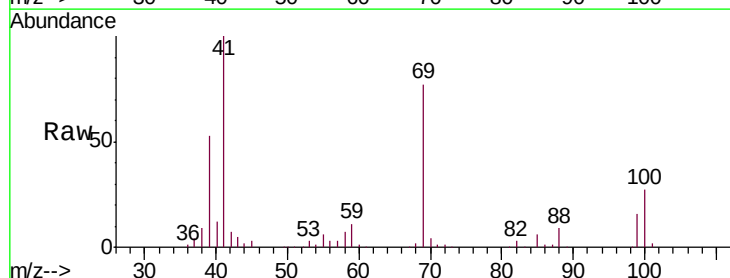
Tgt Ion: 41 Resp: 71631

Ion Ratio Lower Upper

41 100

69 77.2 63.2 94.8

39 51.5 42.2 63.2

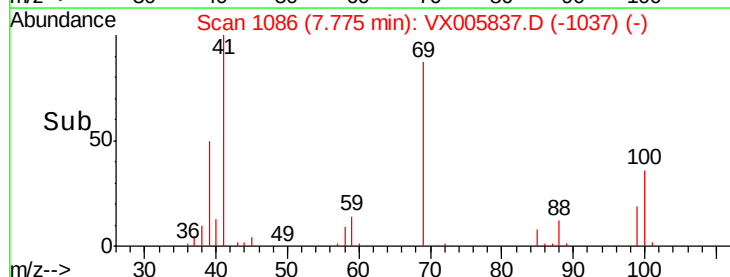
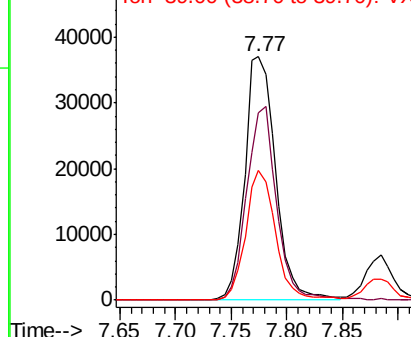


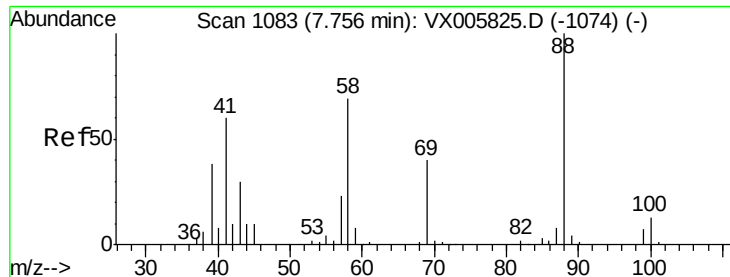
Abundance

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

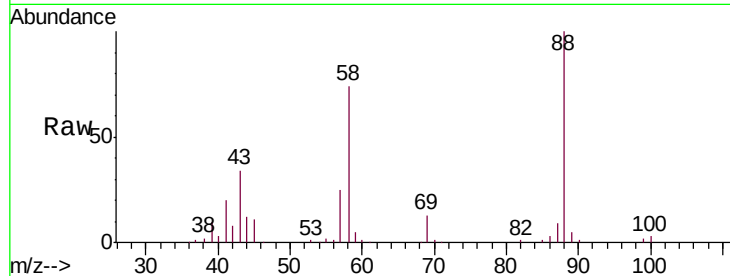




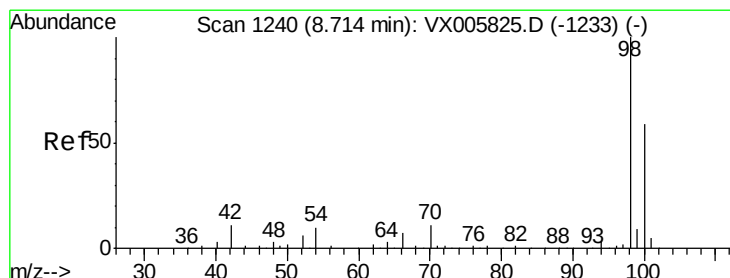
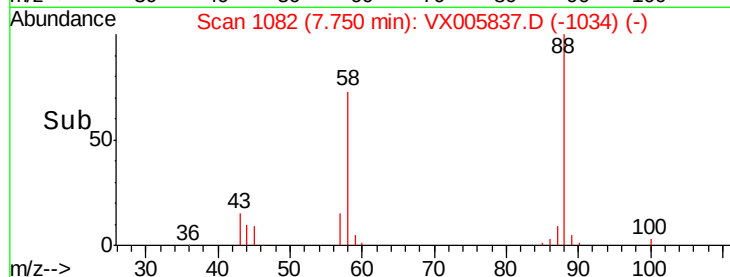
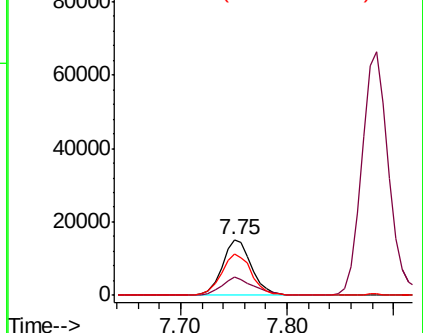
#49
1,4-Dioxane
Concen: 977.429 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 28808
Ion Ratio Lower Upper
88 100
43 36.5 27.4 41.0
58 76.9 59.4 89.2

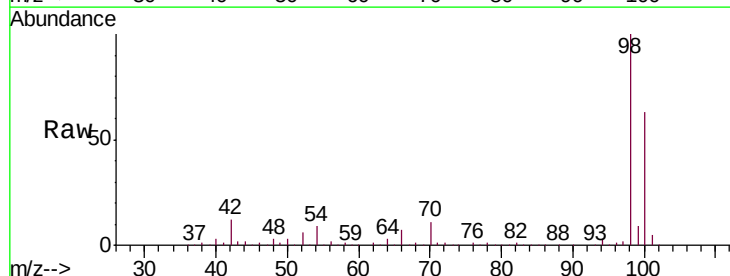


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

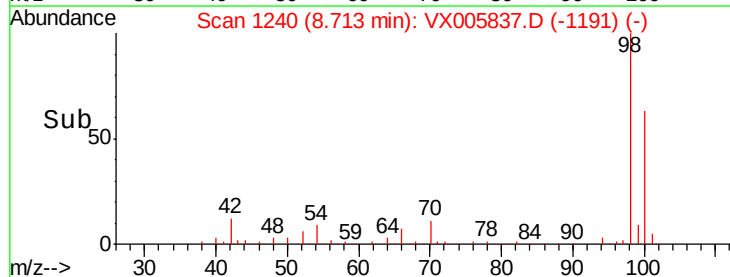
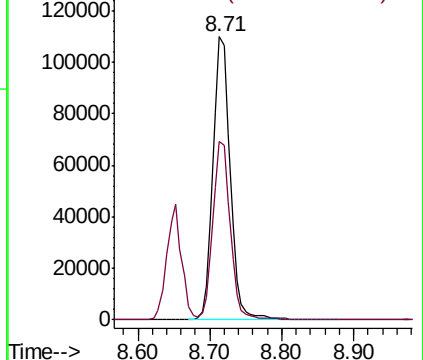


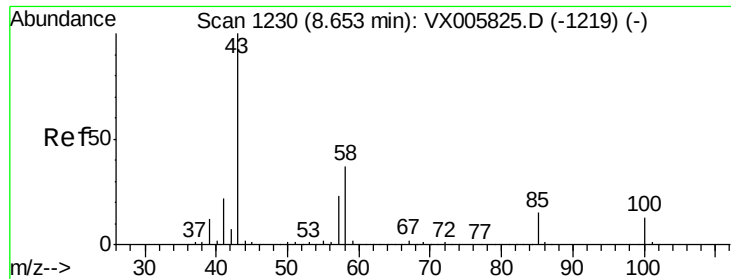
#50
Toluene-d8
Concen: 48.403 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Tgt Ion: 98 Resp: 181494
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



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

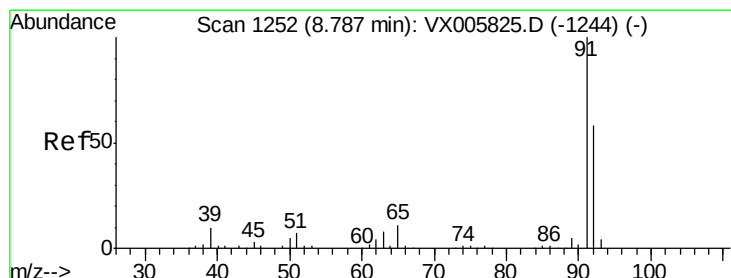
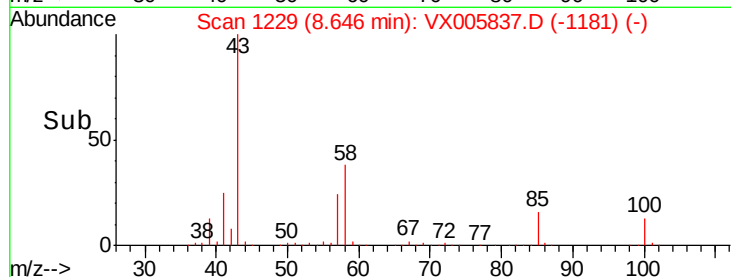
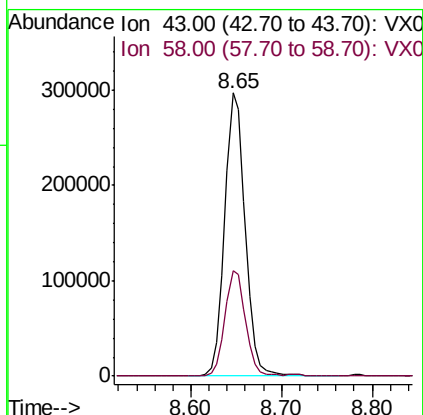
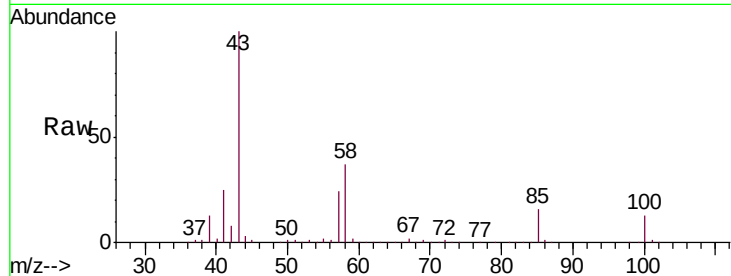




#51
 4-Methyl-2-Pentanone
 Concen: 243.408 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

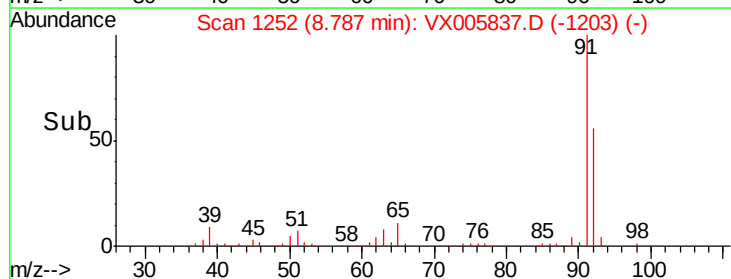
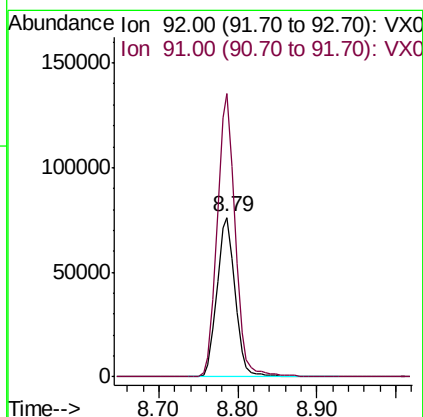
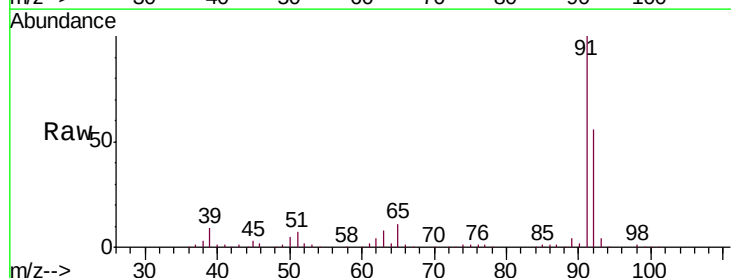
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

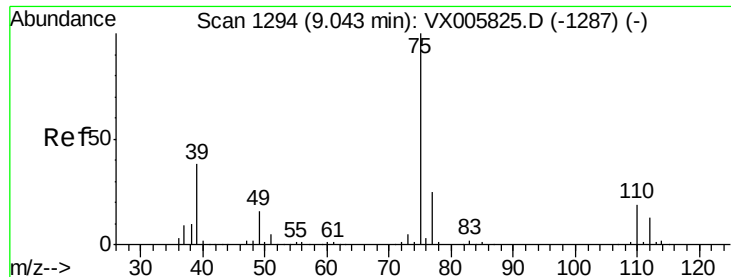
Tgt Ion: 43 Resp: 467289
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.7 44.5



#52
 Toluene
 Concen: 47.563 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 92 Resp: 123883
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.4 210.6

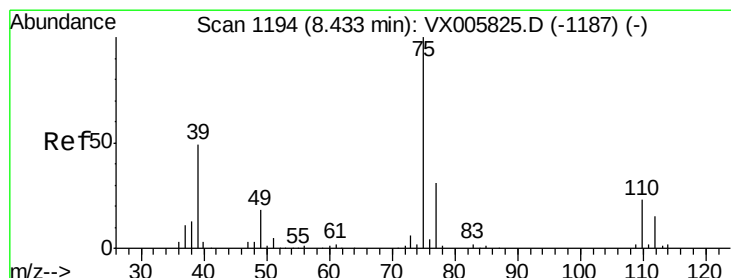
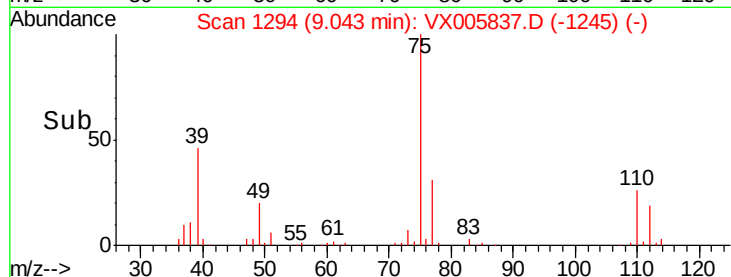
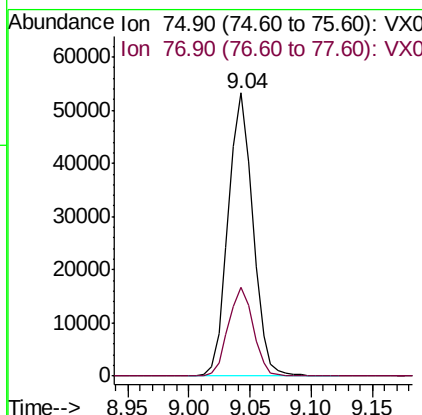
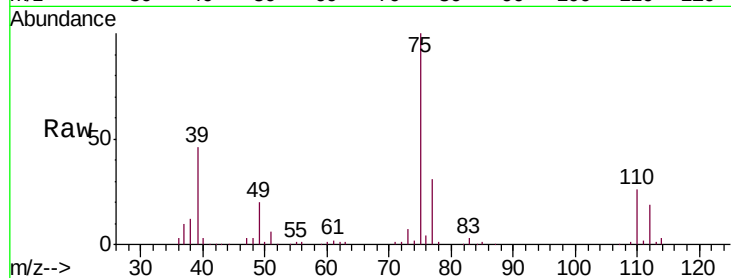




#53
 t-1,3-Dichloropropene
 Concen: 47.194 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

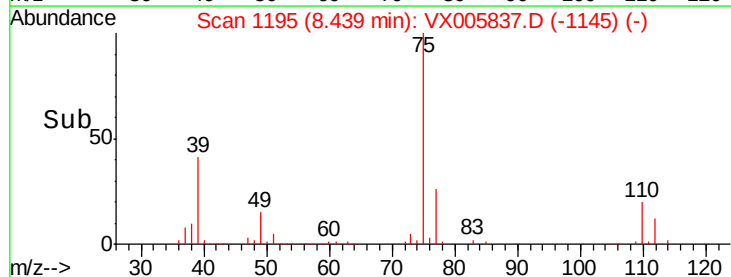
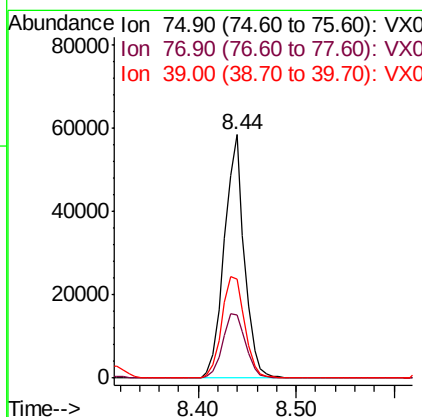
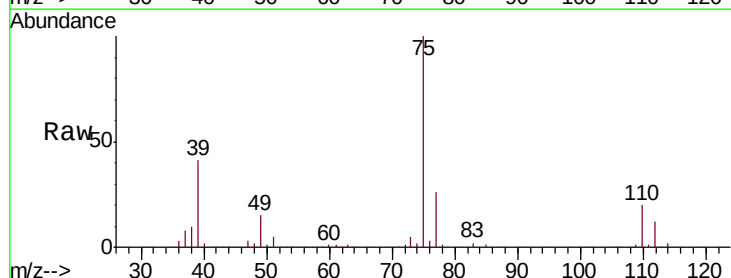
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

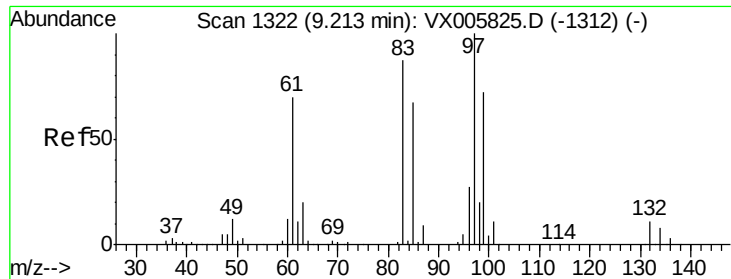
Tgt Ion: 75 Resp: 74708
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.553 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 75 Resp: 83180
 Ion Ratio Lower Upper
 75 100
 77 26.0 25.2 37.8
 39 40.6 38.2 57.2

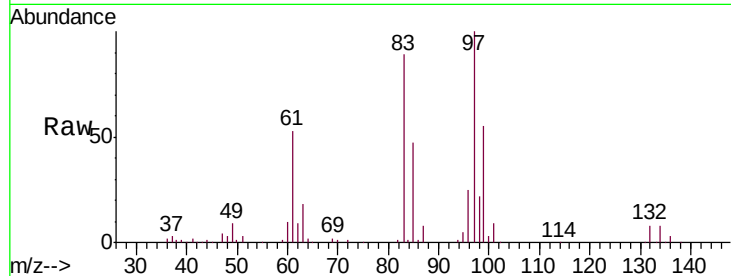




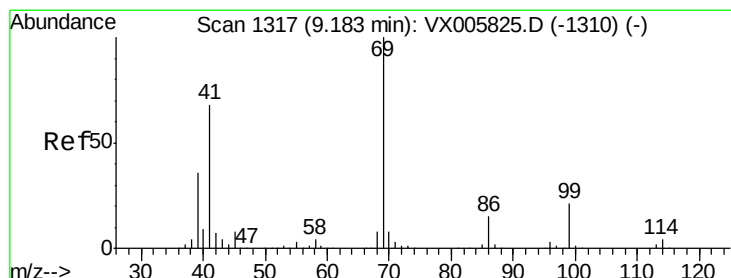
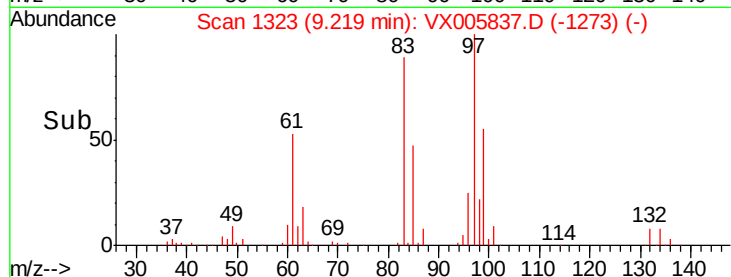
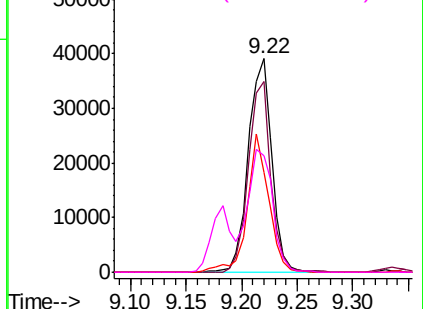
#55
 1,1,2-Trichloroethane
 Concen: 49.401 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 57344
 Ion Ratio Lower Upper
 97 100
 83 89.3 70.7 106.1
 85 46.6 45.8 68.6
 99 54.6 51.8 77.8

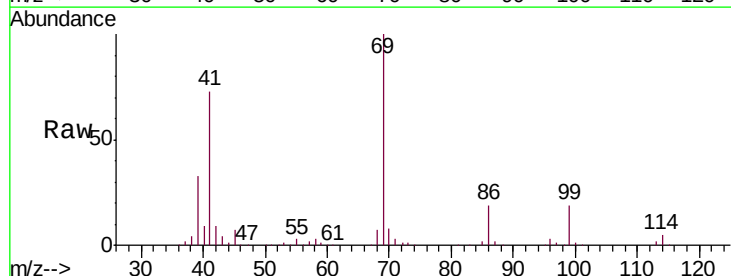


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

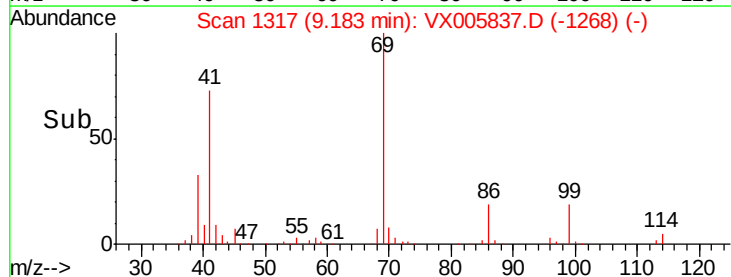
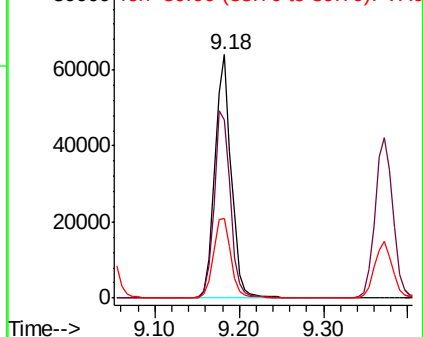


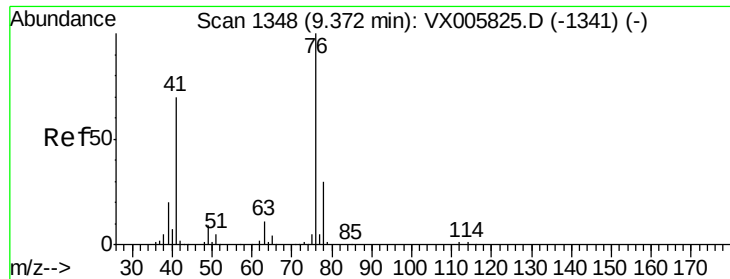
#56
 Ethyl methacrylate
 Concen: 49.843 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 69 Resp: 86569
 Ion Ratio Lower Upper
 69 100
 41 76.7 57.0 85.6
 39 35.5 28.3 42.5



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

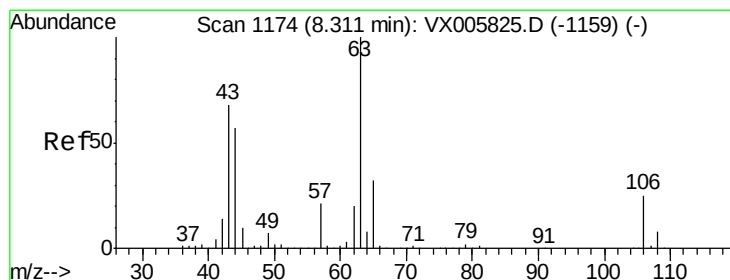
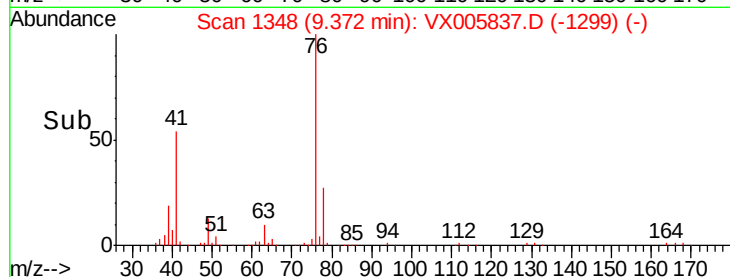
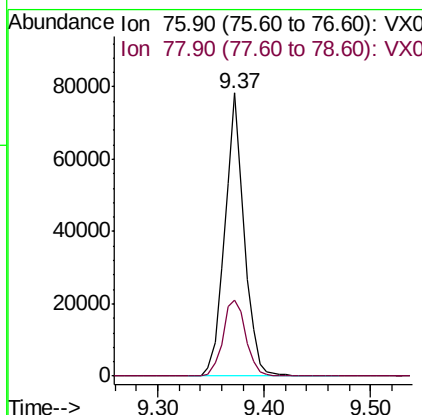
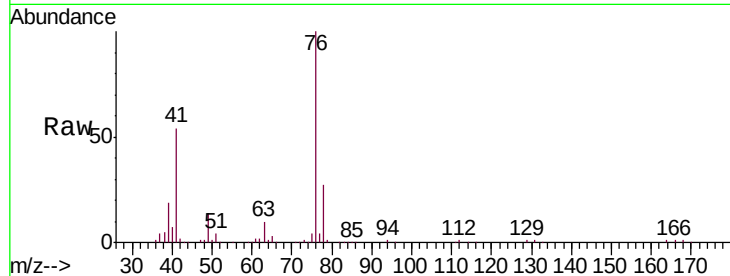




#57
 1,3-Dichloropropane
 Concen: 51.132 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

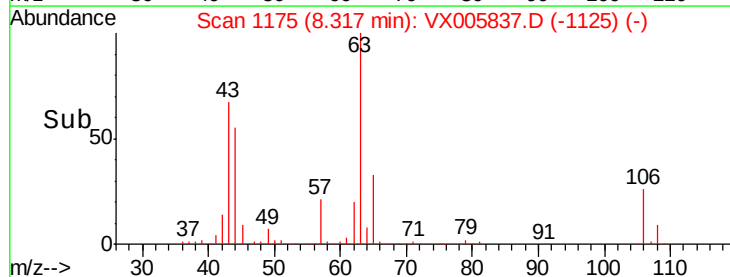
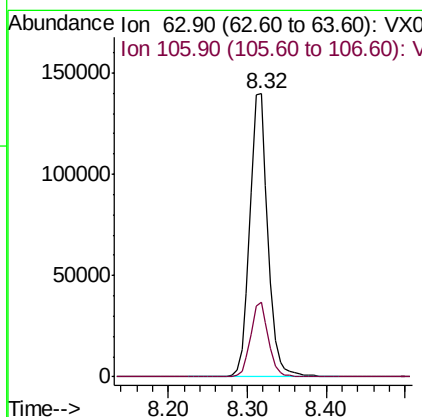
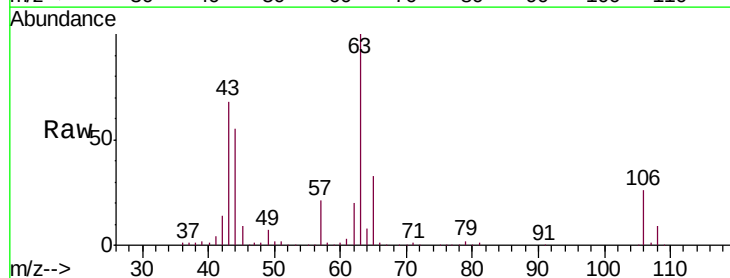
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

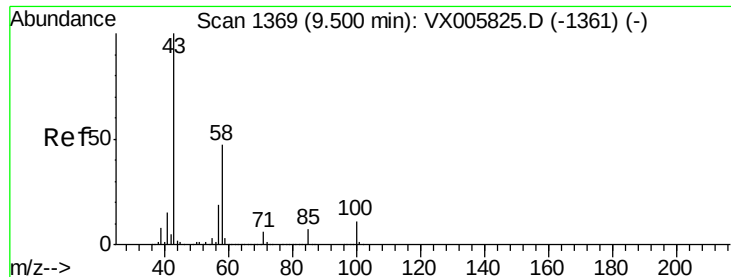
Tgt Ion: 76 Resp: 99743
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.754 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 63 Resp: 223638
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.3 31.9

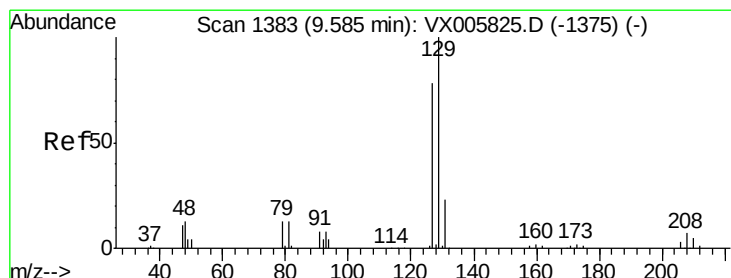
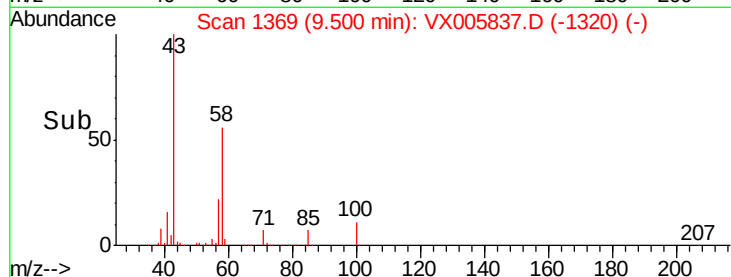
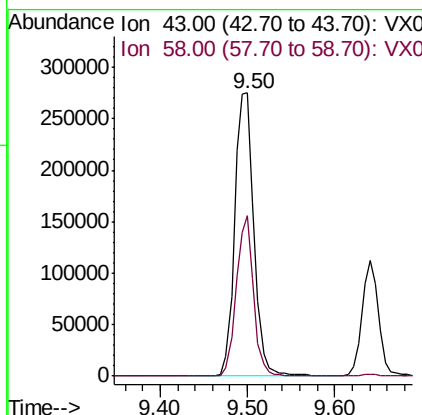
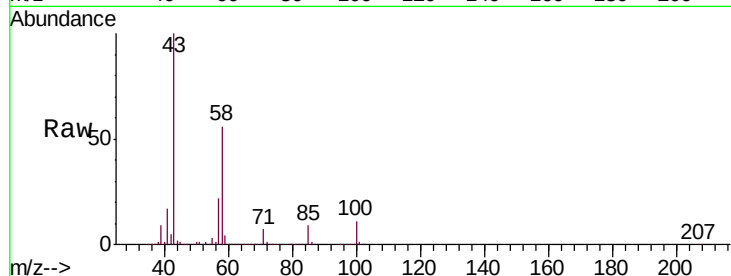




#59
2-Hexanone
Concen: 250.052 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

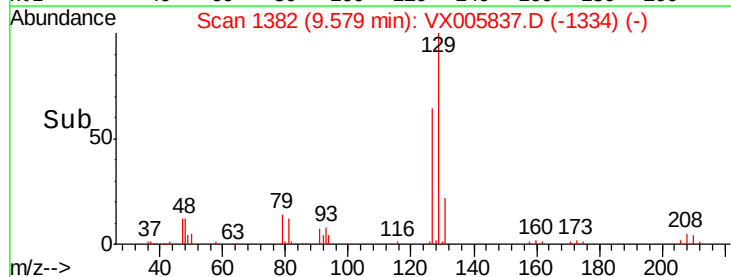
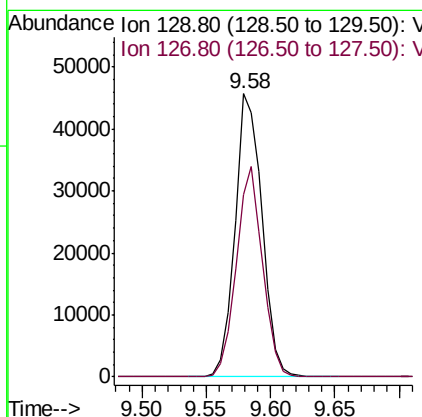
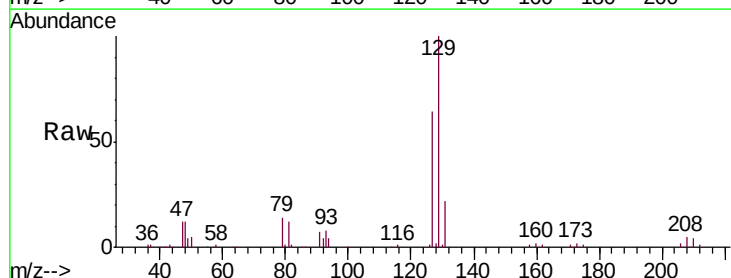
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

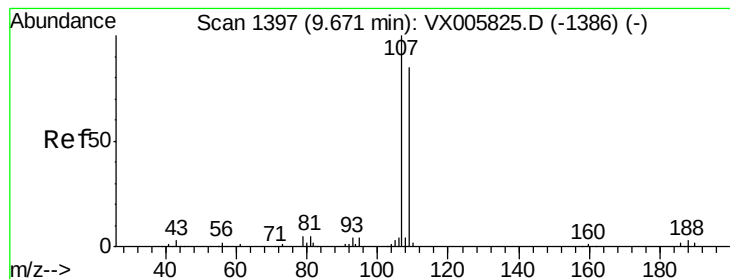
Tgt Ion: 43 Resp: 423137
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8



#60
Dibromochloromethane
Concen: 52.896 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Tgt Ion: 129 Resp: 66359
Ion Ratio Lower Upper
129 100
127 72.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.842 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

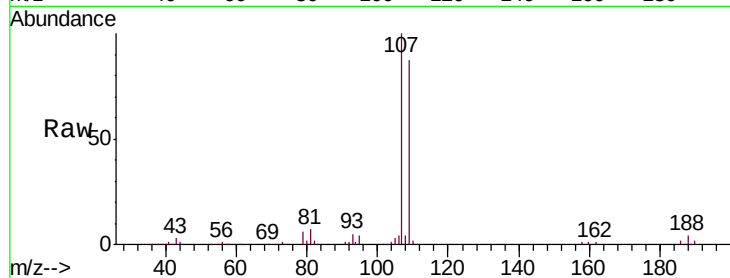
VSTDCCC050EC

Tgt Ion: 107 Resp: 63976

Ion Ratio Lower Upper

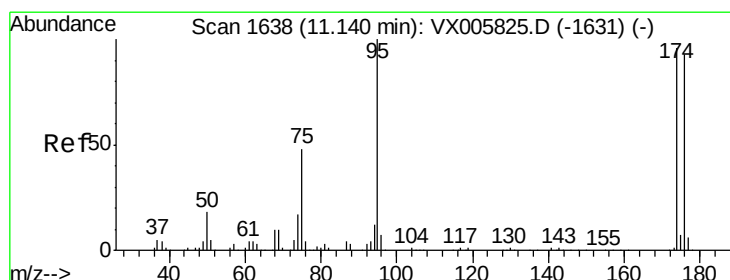
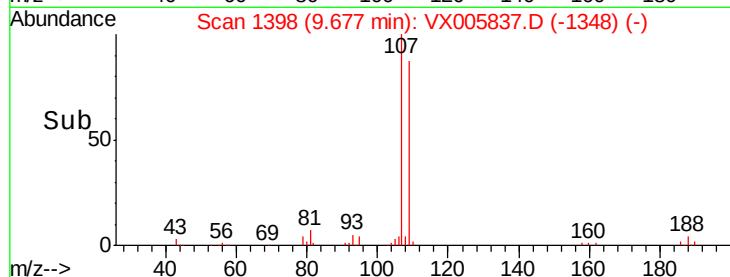
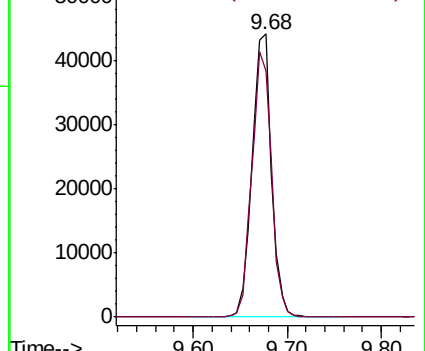
107 100

109 95.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.898 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

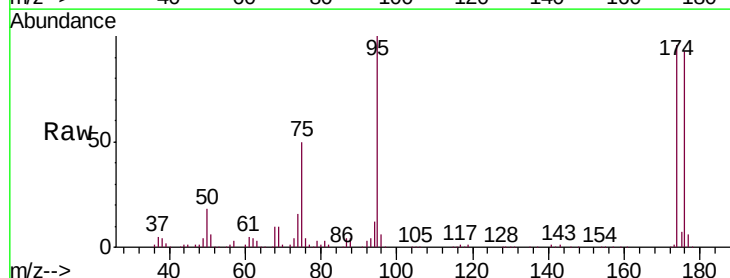
Tgt Ion: 95 Resp: 67270

Ion Ratio Lower Upper

95 100

174 92.0 0.0 184.4

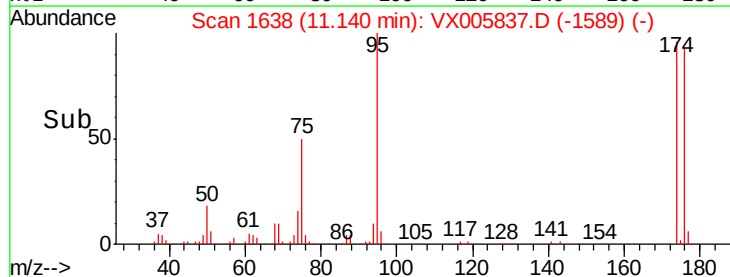
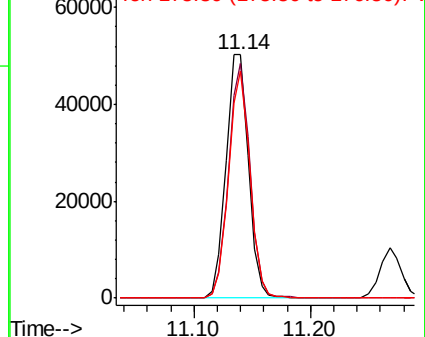
176 88.9 0.0 177.4

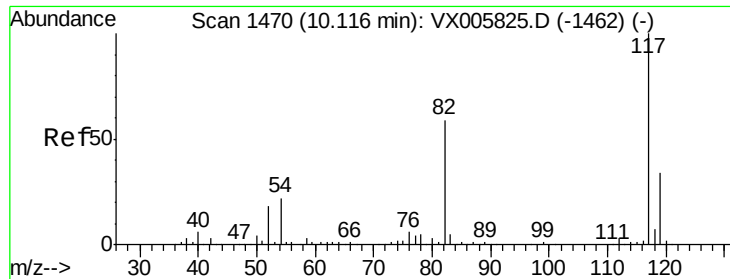


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

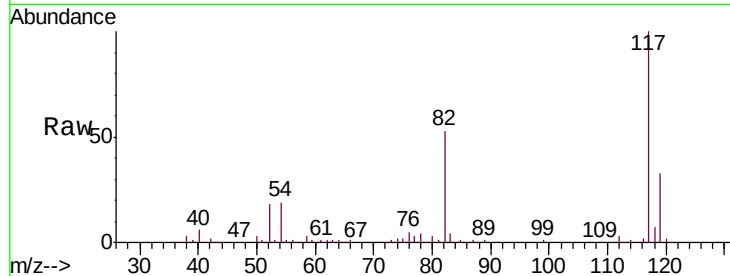




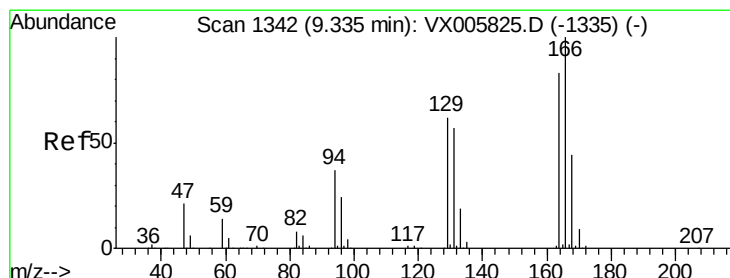
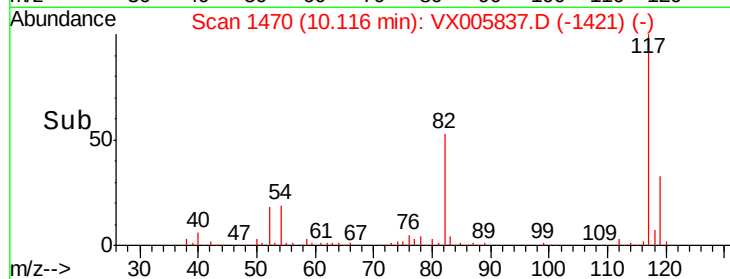
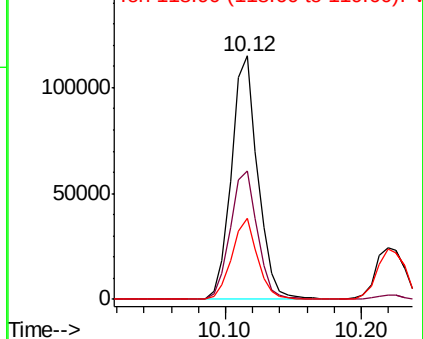
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 155216
Ion Ratio Lower Upper
117 100
82 52.6 44.1 66.1
119 33.3 26.2 39.2

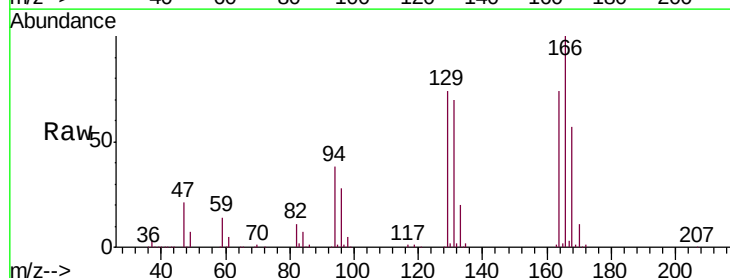


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

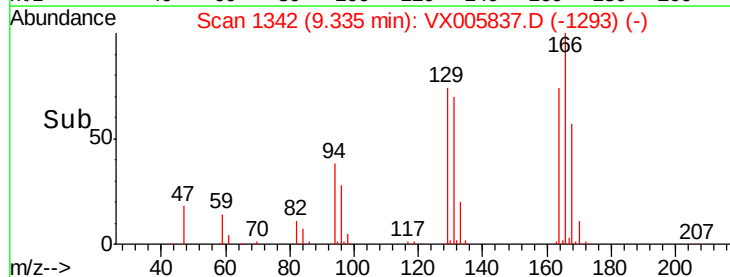
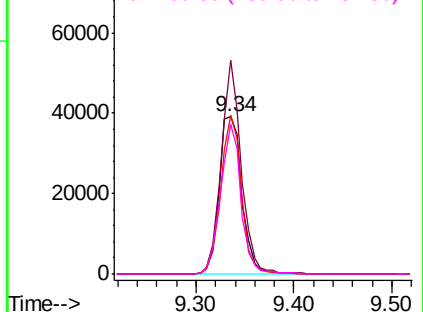


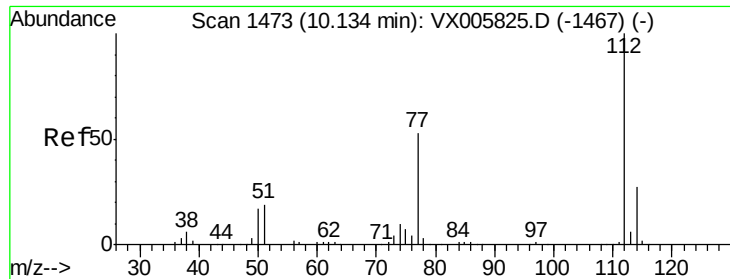
#64
Tetrachloroethene
Concen: 47.845 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Tgt Ion:164 Resp: 63228
Ion Ratio Lower Upper
164 100
166 135.8 101.9 152.9
129 100.9 72.6 109.0
131 95.0 71.1 106.7



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: 50.005 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

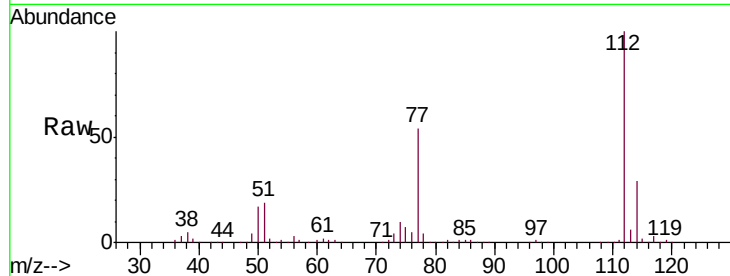
VSTDCCC050EC

Tgt Ion:112 Resp: 155489

Ion Ratio Lower Upper

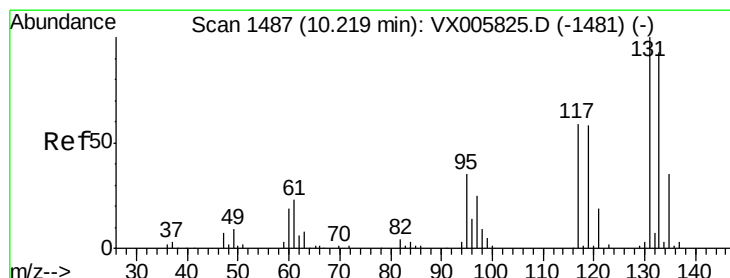
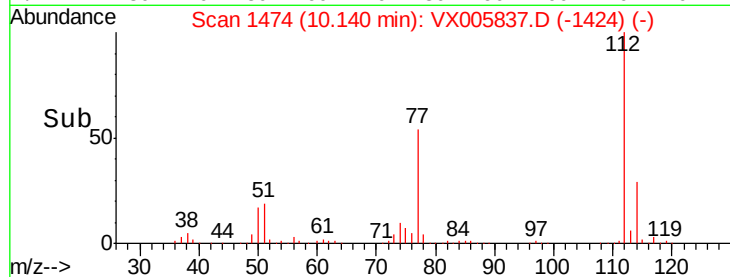
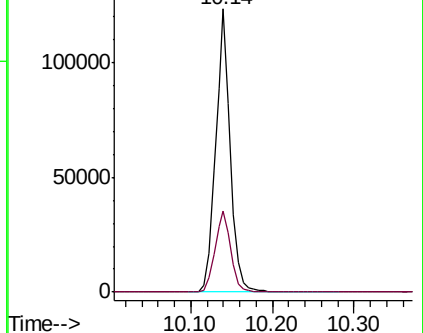
112 100

114 28.7 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.548 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

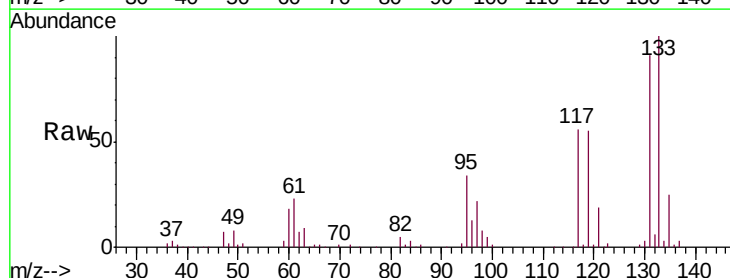
Tgt Ion:131 Resp: 54644

Ion Ratio Lower Upper

131 100

133 100.0 47.5 142.5

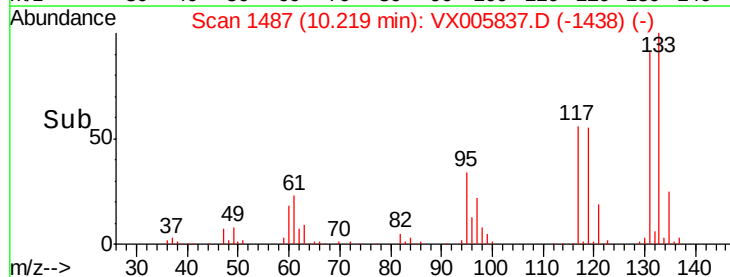
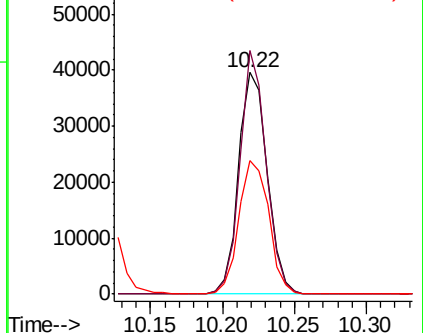
119 63.1 31.8 95.3

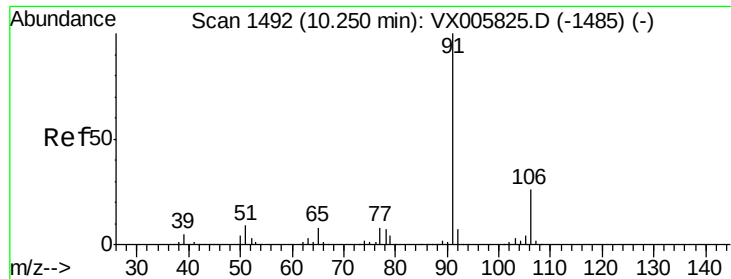


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.315 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

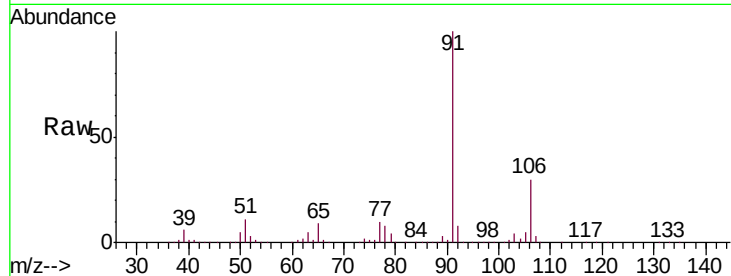
VSTDCCC050EC

Tgt Ion: 91 Resp: 245892

Ion Ratio Lower Upper

91 100

106 29.9 24.4 36.6

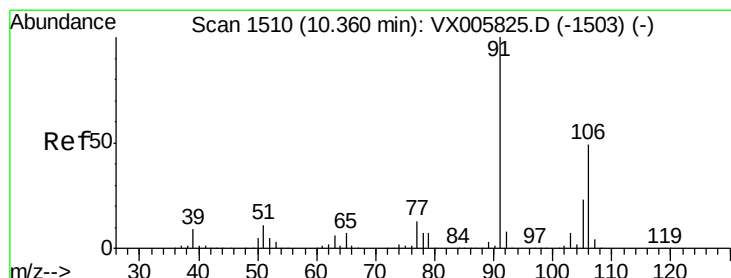
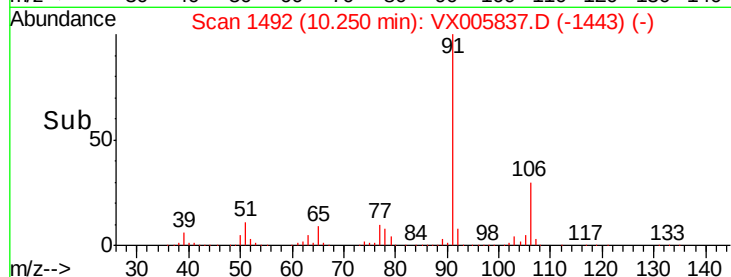


Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

Time-->

Mass spectrum showing abundance (0 to 300,000) versus time (10.20 to 10.30 min). Two peaks are visible, labeled 10.25 and 10.30.



#68

m/p-Xylenes

Concen: 98.883 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005837.D

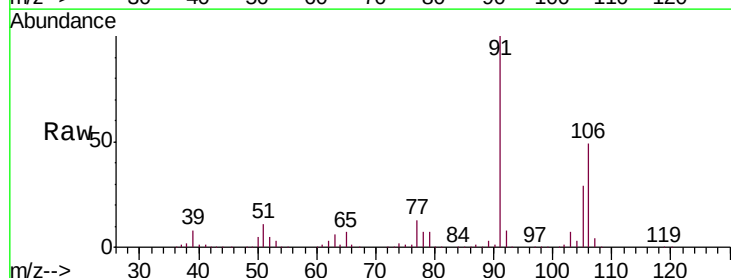
Acq: 07 Nov 2018 19:31

Tgt Ion: 106 Resp: 188065

Ion Ratio Lower Upper

106 100

91 212.2 164.2 246.4

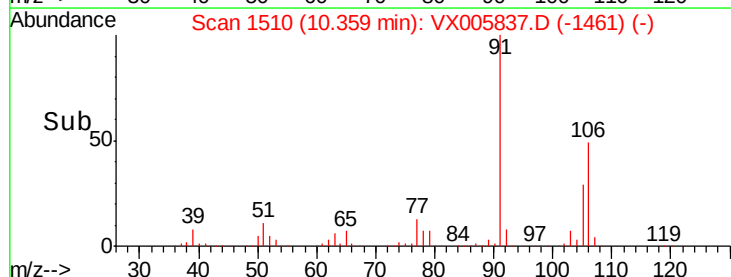


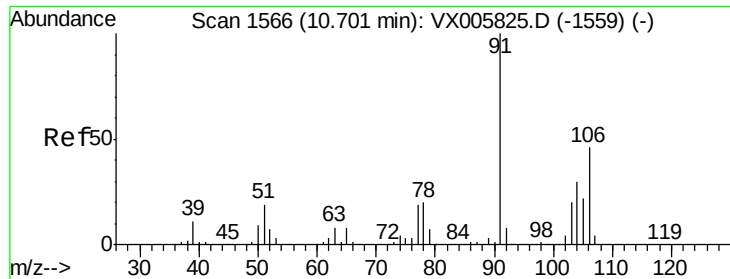
Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

Time-->

Mass spectrum showing abundance (0 to 300,000) versus time (10.30 to 10.50 min). Two peaks are visible, labeled 10.36 and 10.40.

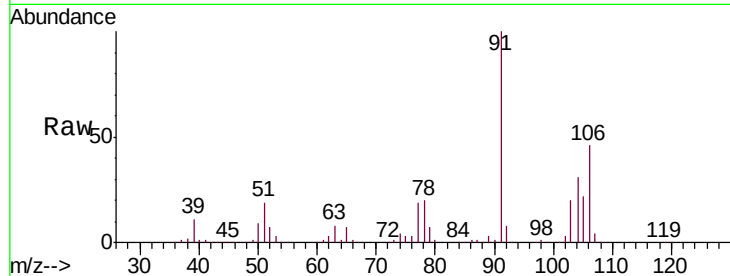




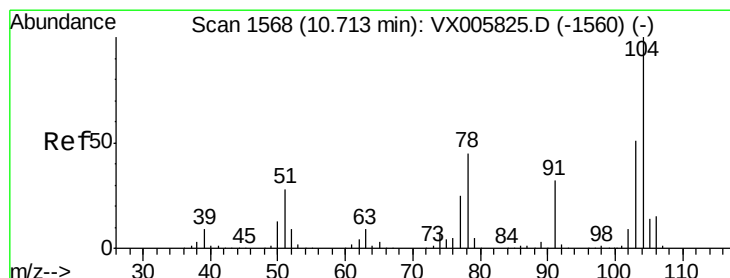
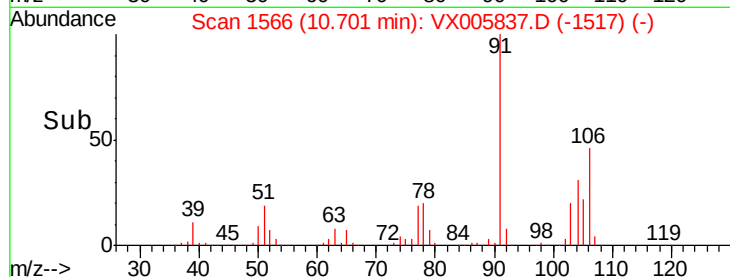
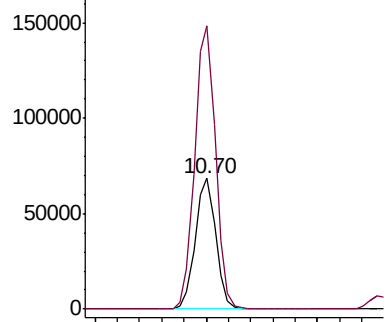
#69
o-Xylene
Concen: 51.053 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 87068
Ion Ratio Lower Upper
106 100
91 219.9 108.5 325.5

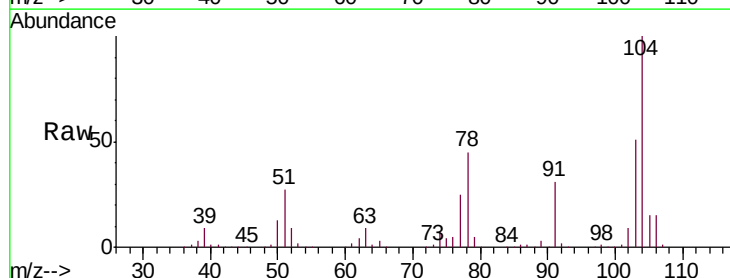


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

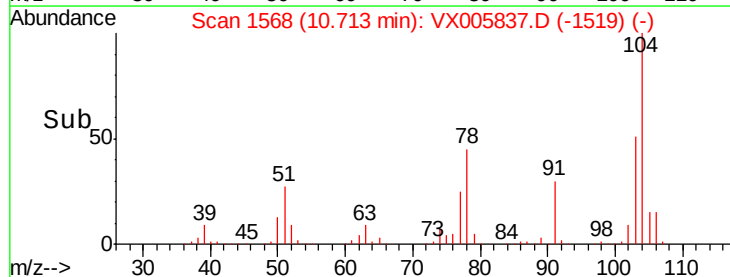
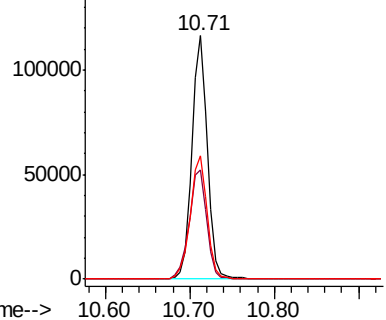


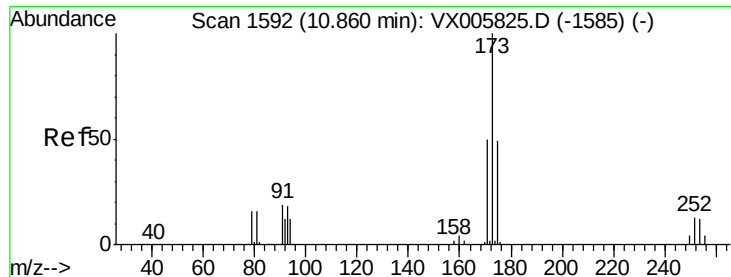
#70
Styrene
Concen: 52.763 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Tgt Ion:104 Resp: 148441
Ion Ratio Lower Upper
104 100
78 51.2 40.2 60.4
103 55.4 44.9 67.3



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: 49.913 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

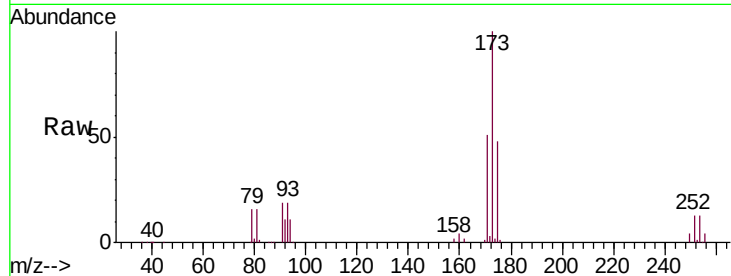
Tgt Ion:173 Resp: 45232

Ion Ratio Lower Upper

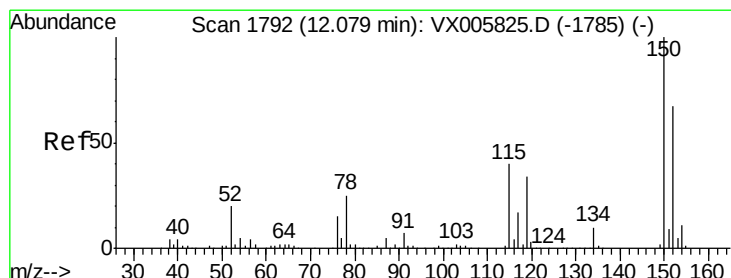
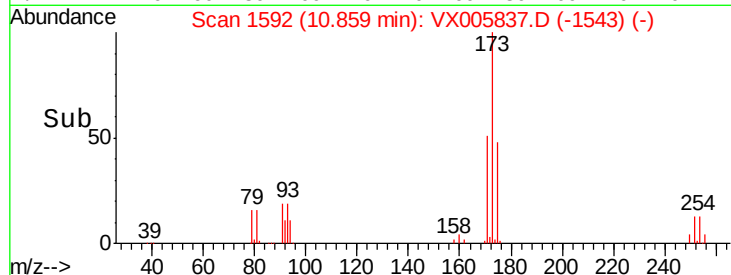
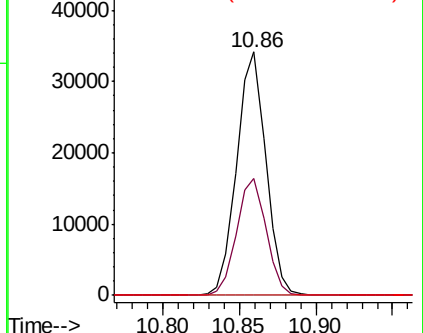
173 100

175 48.7 24.8 74.3

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

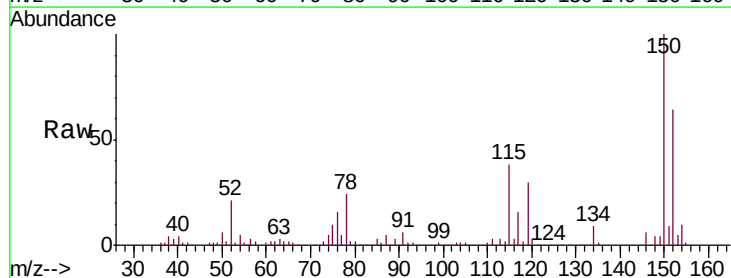
Tgt Ion:152 Resp: 75762

Ion Ratio Lower Upper

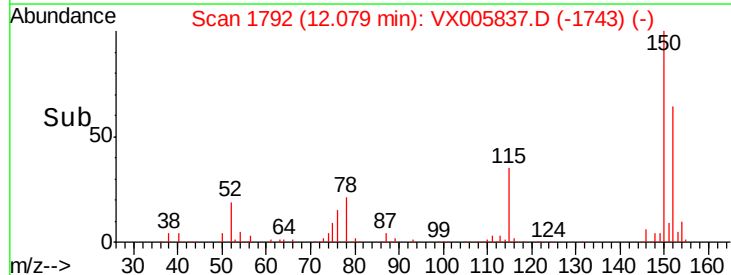
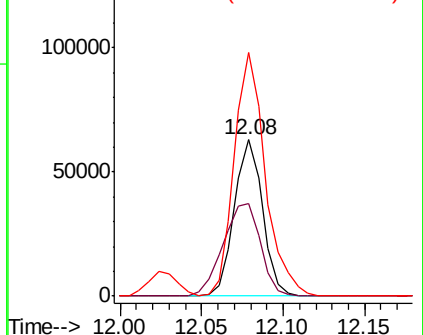
152 100

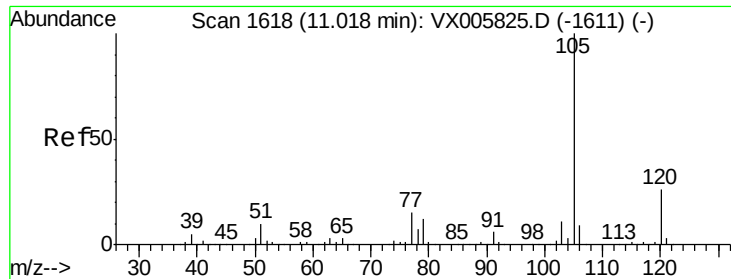
115 78.8 39.4 118.1

150 171.7 0.0 346.4



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

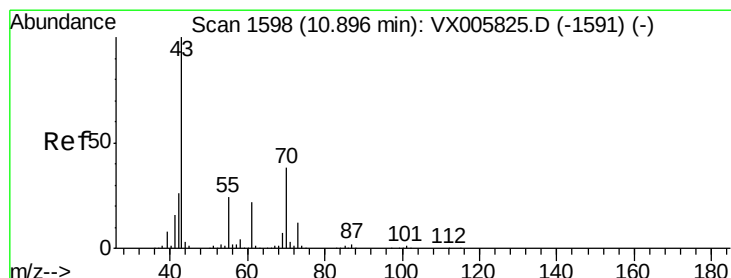
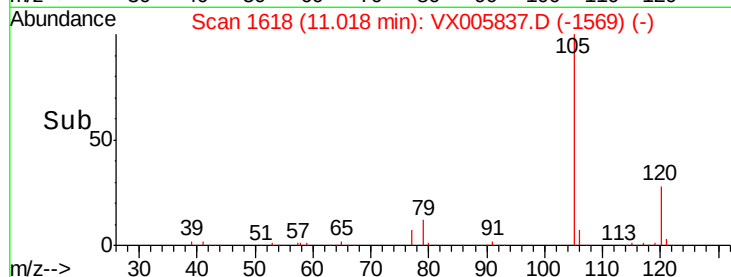
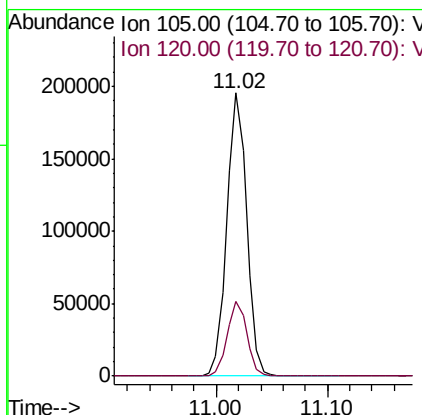
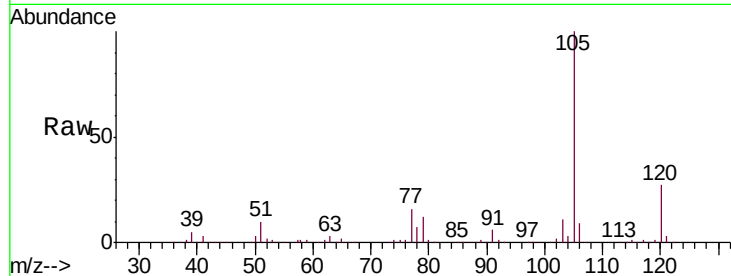




#73
Isopropylbenzene
Concen: 55.070 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

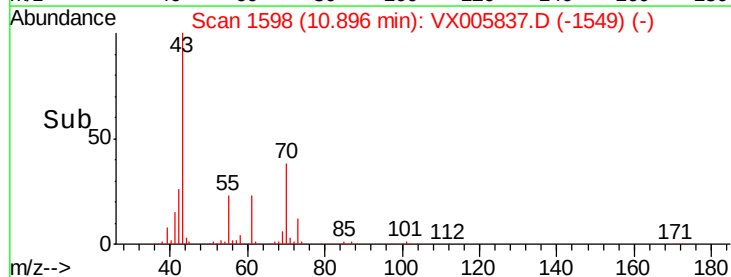
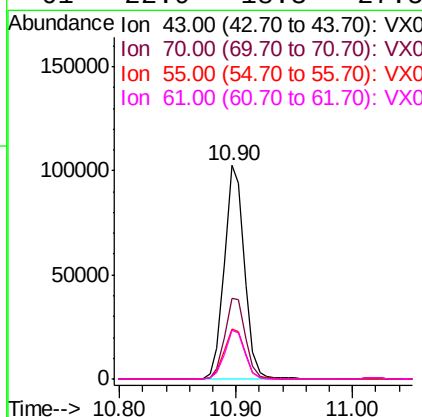
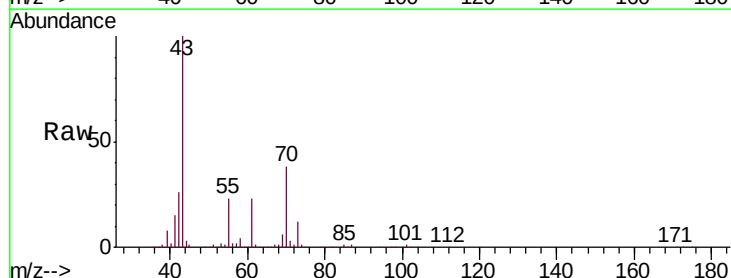
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

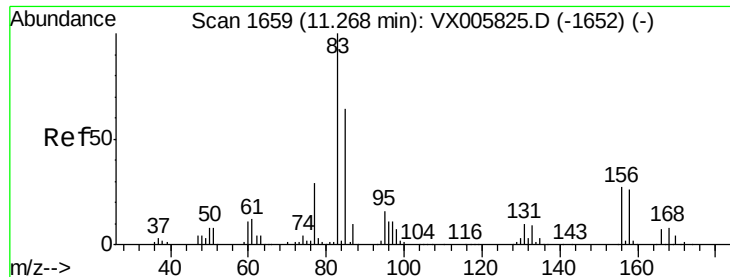
Tgt Ion: 105 Resp: 241276
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 49.691 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Tgt Ion: 43 Resp: 122135
Ion Ratio Lower Upper
43 100
70 39.2 31.6 47.4
55 24.5 19.7 29.5
61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.641 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

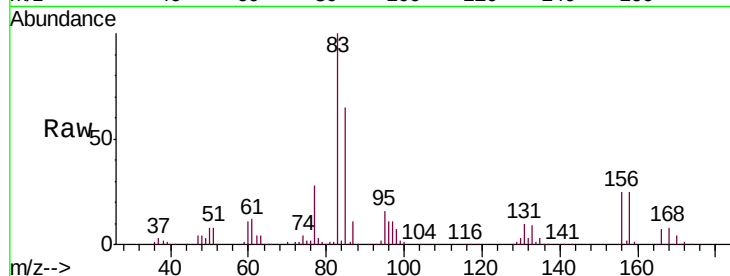
Tgt Ion: 83 Resp: 83045

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

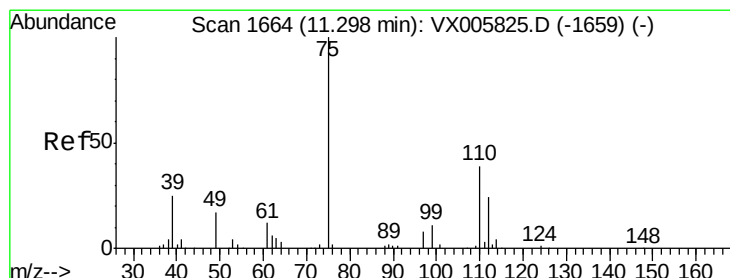
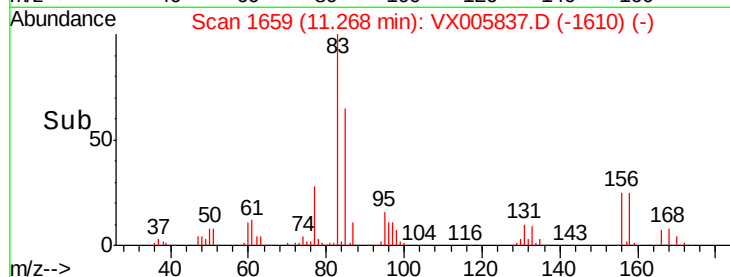
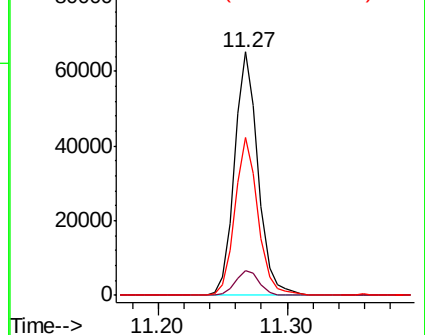
85 64.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.915 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005837.D

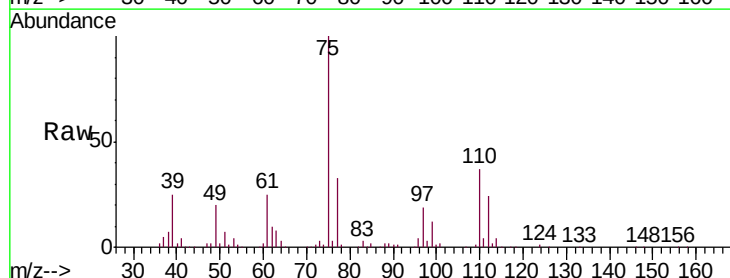
Acq: 07 Nov 2018 19:31

Tgt Ion: 75 Resp: 100143

Ion Ratio Lower Upper

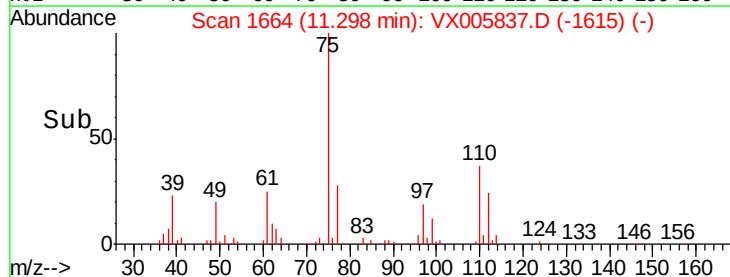
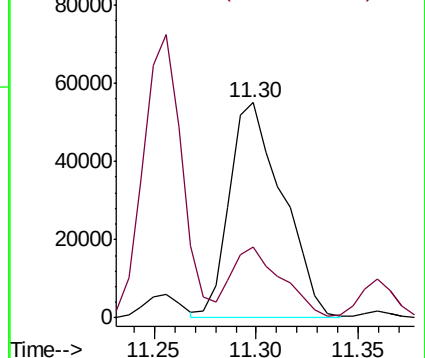
75 100

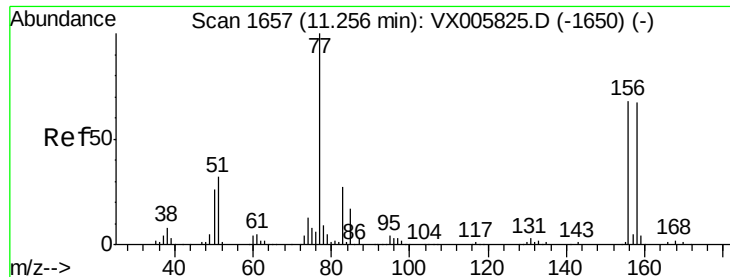
77 30.9 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.975 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

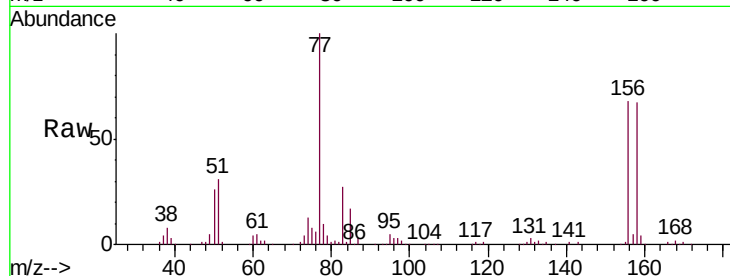
Tgt Ion:156 Resp: 62948

Ion Ratio Lower Upper

156 100

77 151.4 74.8 224.4

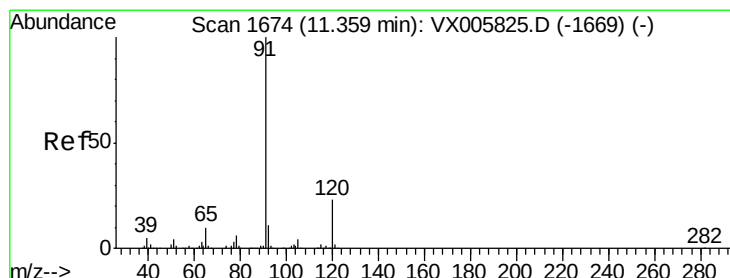
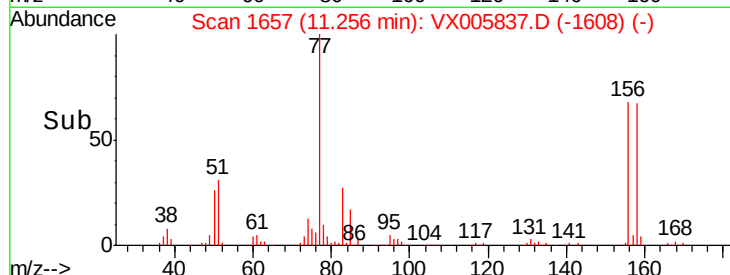
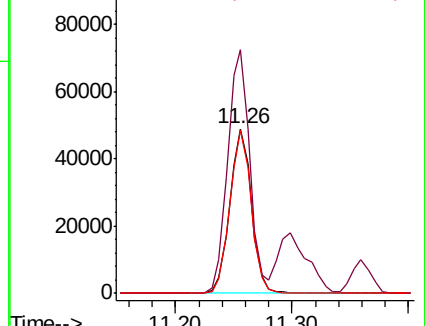
158 98.5 49.1 147.3



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: 54.173 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005837.D

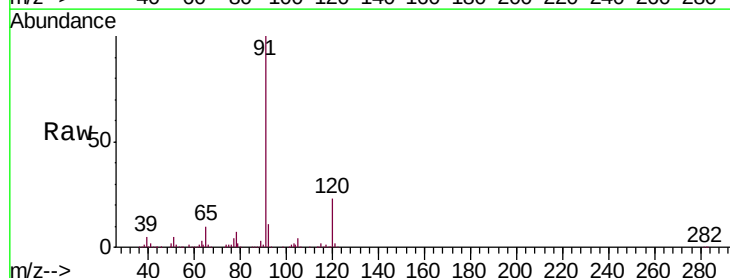
Acq: 07 Nov 2018 19:31

Tgt Ion: 91 Resp: 279718

Ion Ratio Lower Upper

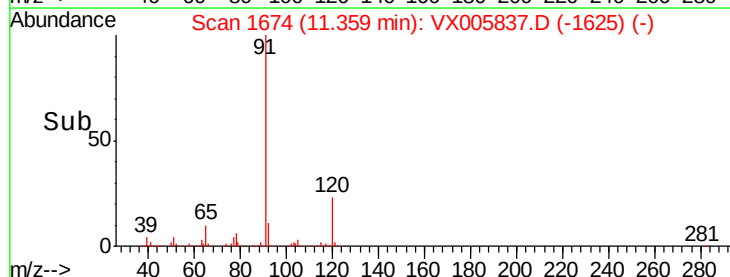
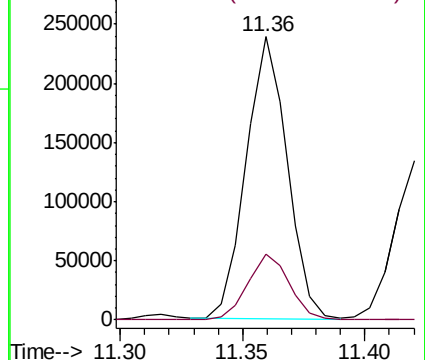
91 100

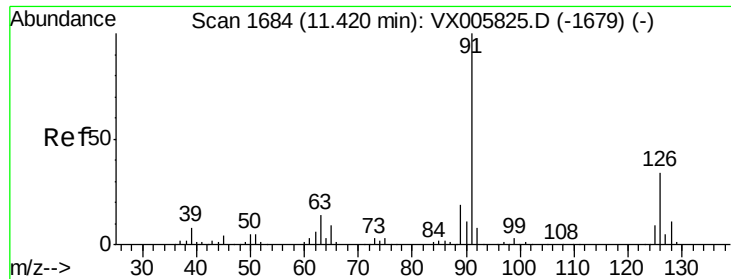
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

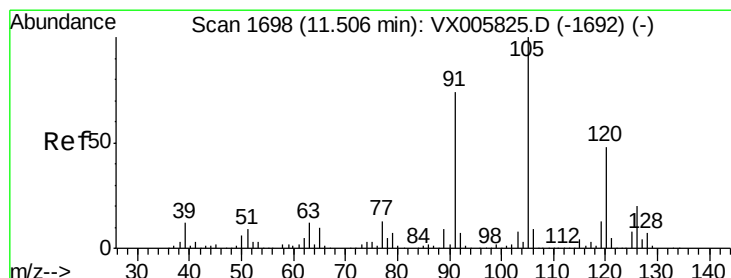
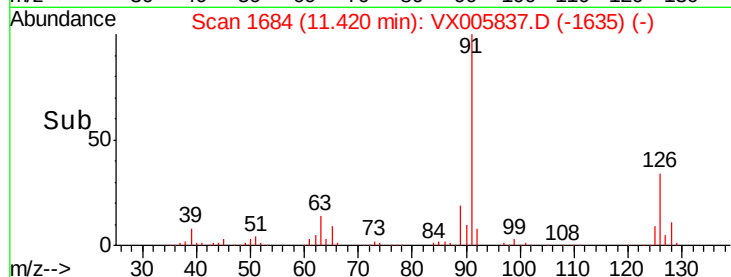
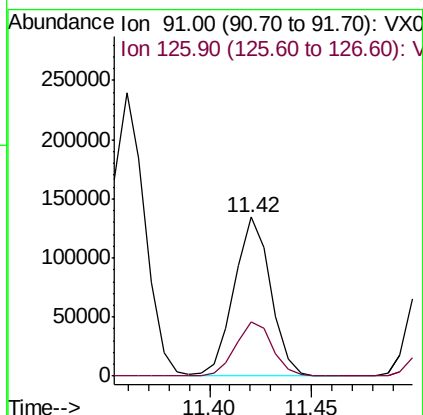
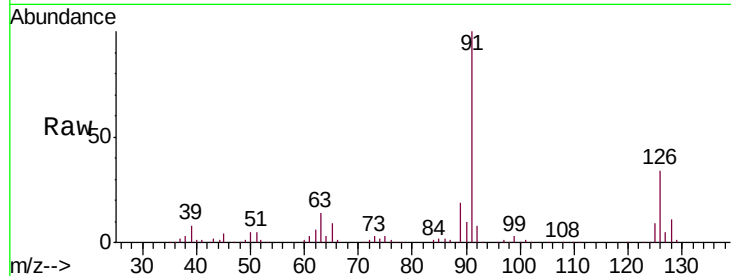




#79
 2-Chlorotoluene
 Concen: 53.054 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

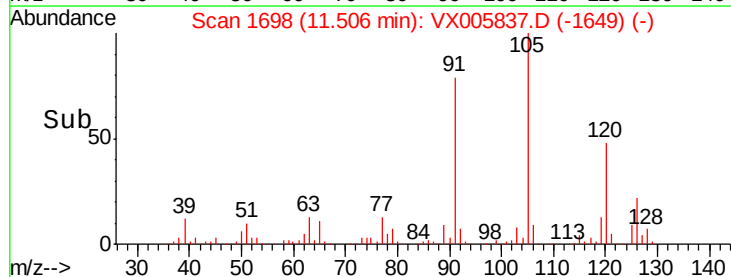
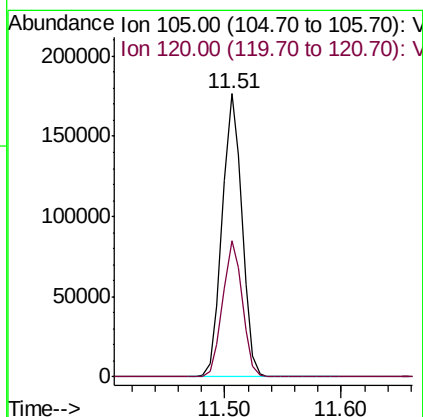
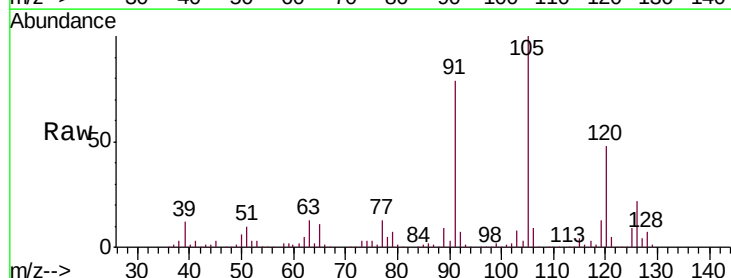
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

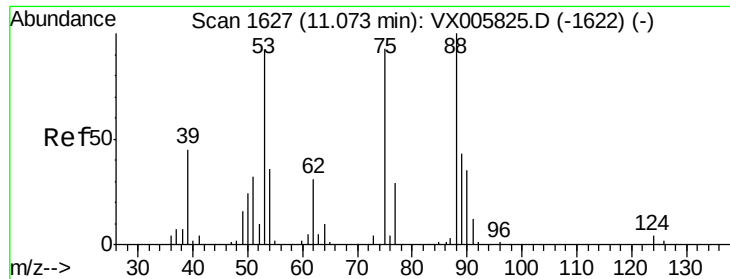
Tgt Ion: 91 Resp: 165580
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 55.634 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 105 Resp: 207134
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.2

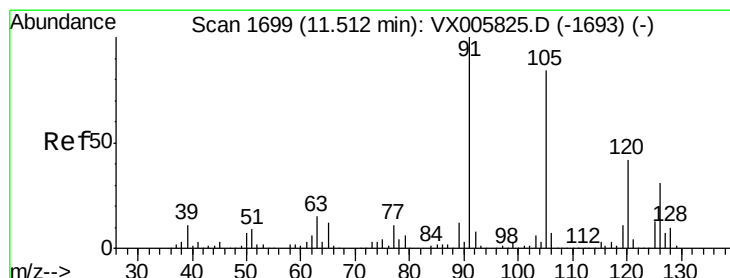
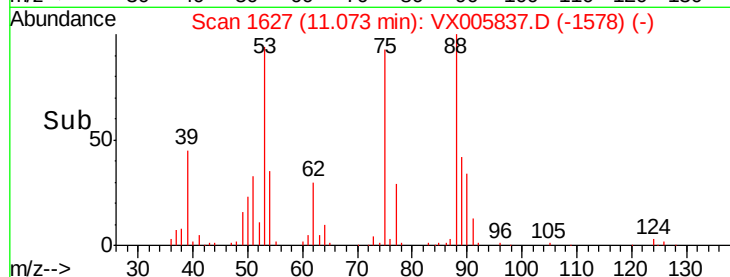
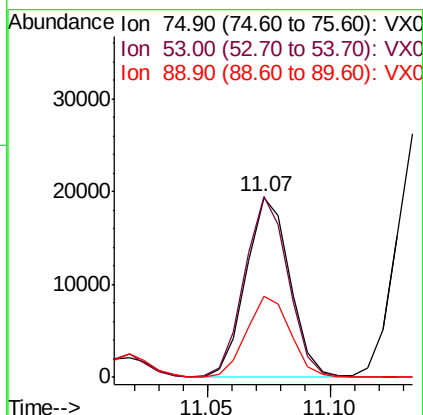
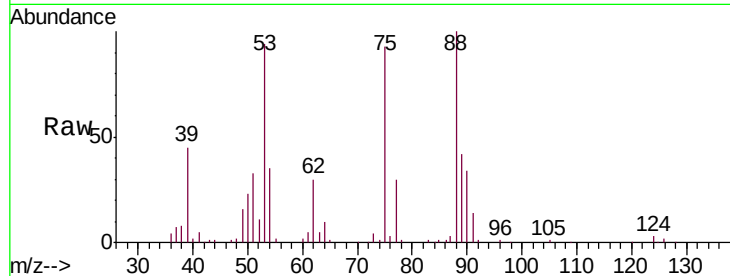




#81
trans-1,4-Dichloro-2-butene
Concen: 50.294 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

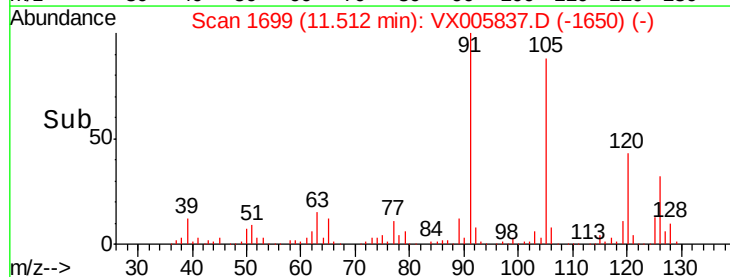
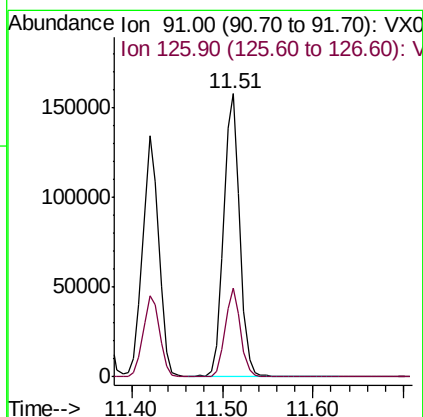
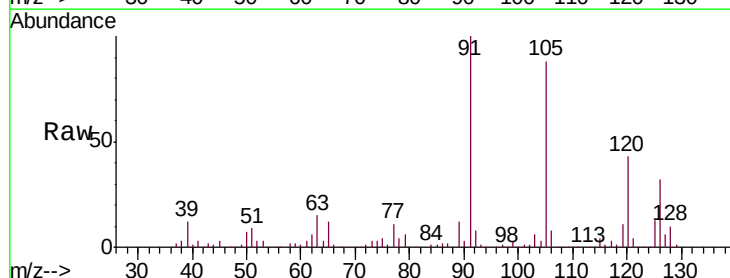
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

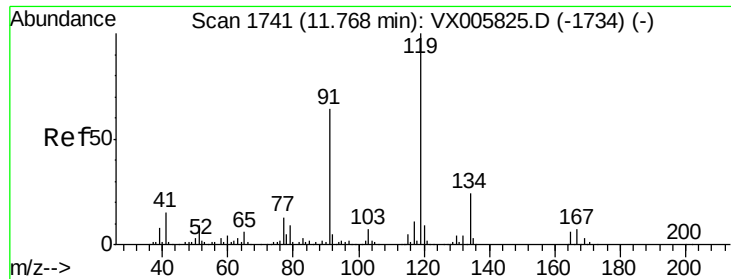
Tgt Ion: 75 Resp: 24344
Ion Ratio Lower Upper
75 100
53 99.5 80.2 120.2
89 45.3 39.8 59.8



#82
4-Chlorotoluene
Concen: 53.733 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Tgt Ion: 91 Resp: 197637
Ion Ratio Lower Upper
91 100
126 30.2 15.2 45.6

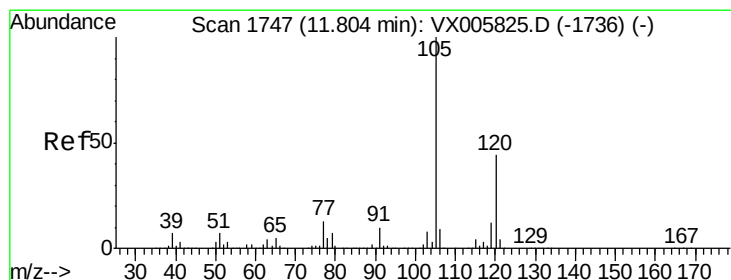
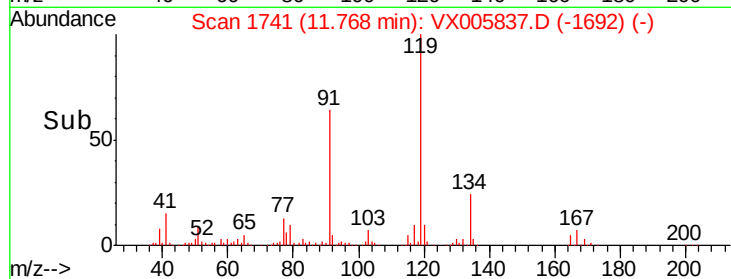
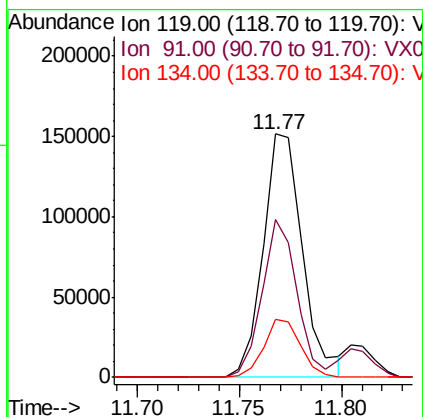
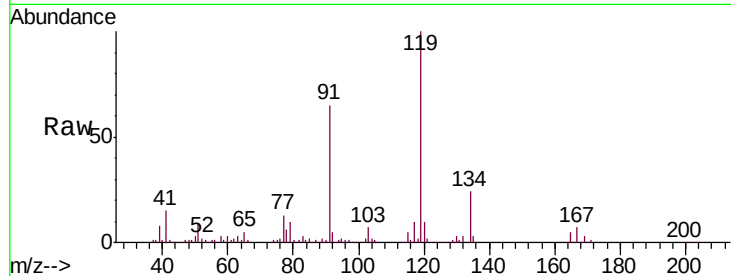




#83
 tert-Butylbenzene
 Concen: 54.110 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

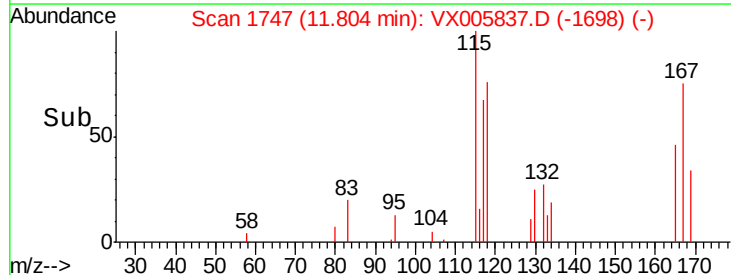
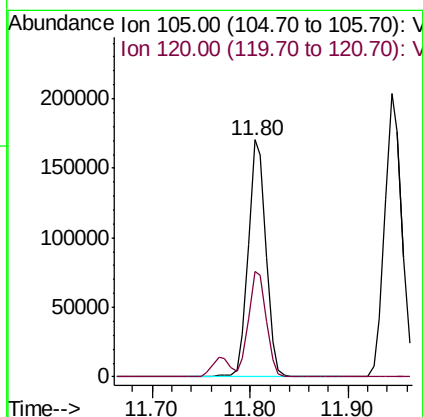
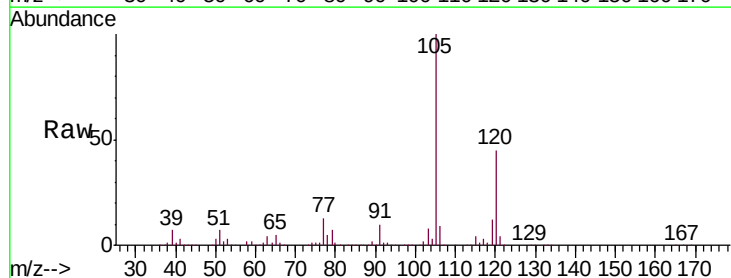
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

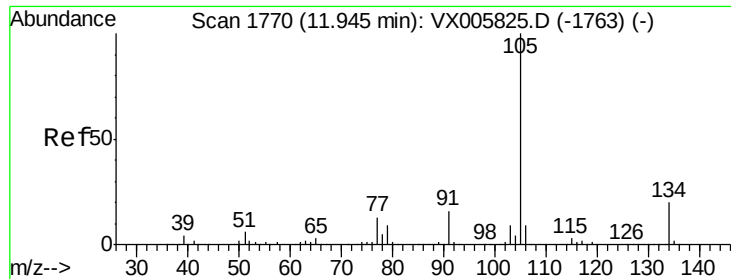
Tgt Ion:119 Resp: 203812
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.5 85.5
 134 22.4 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.970 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion:105 Resp: 213514
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.0

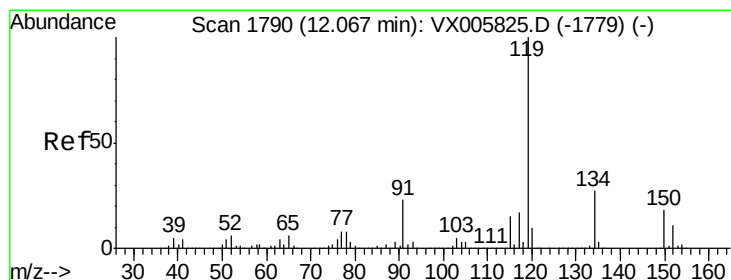
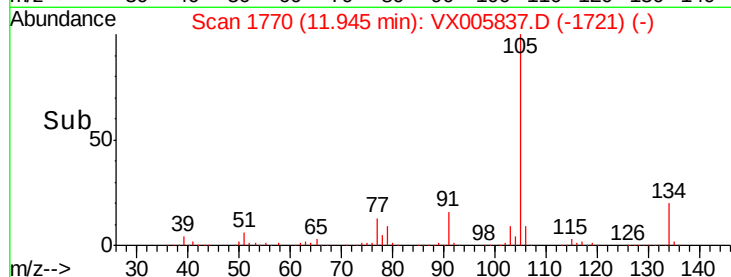
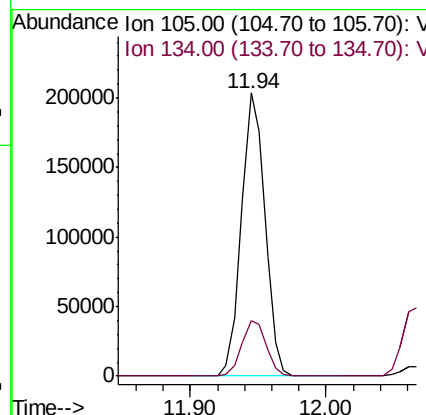
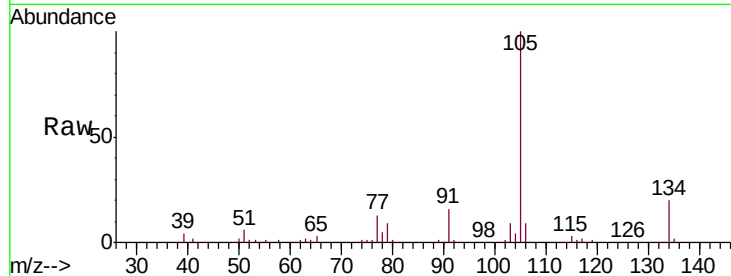




#85
 sec-Butylbenzene
 Concen: 53.418 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

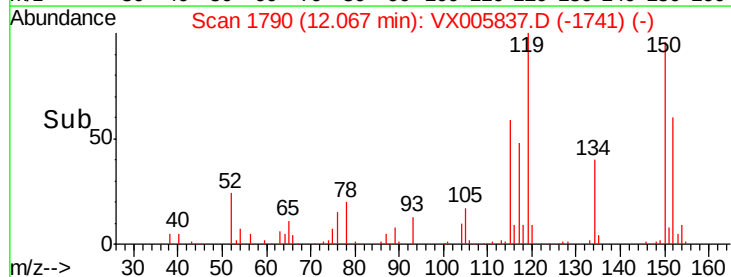
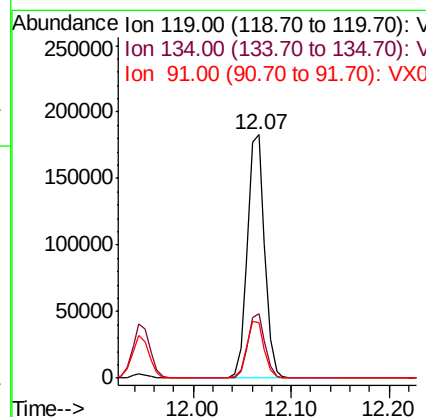
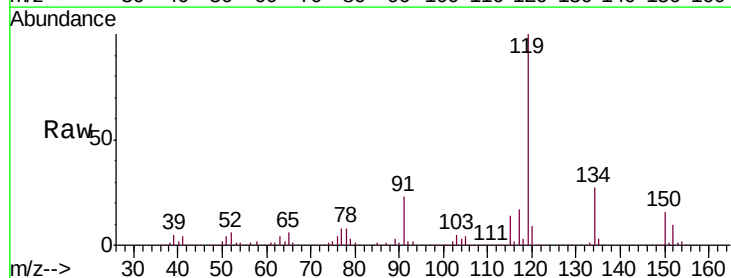
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

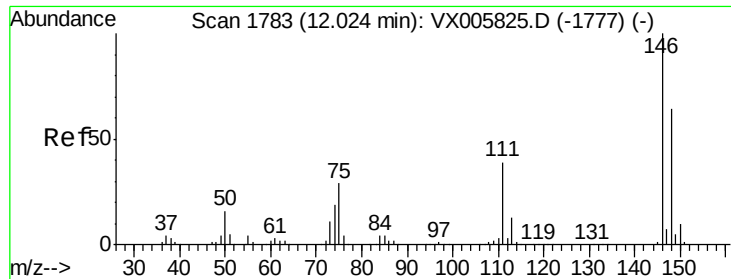
Tgt Ion:105 Resp: 246044
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 54.671 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion:119 Resp: 223051
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.4 11.4 34.2

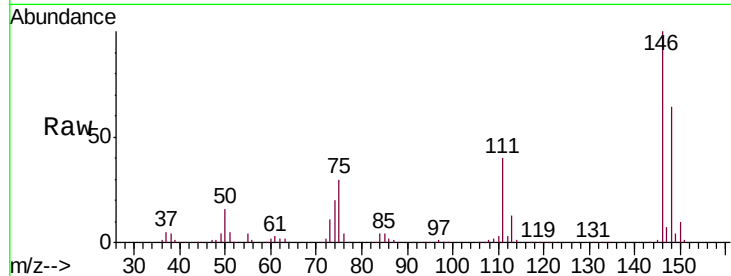




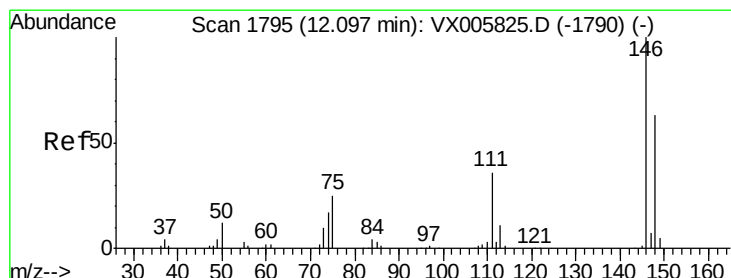
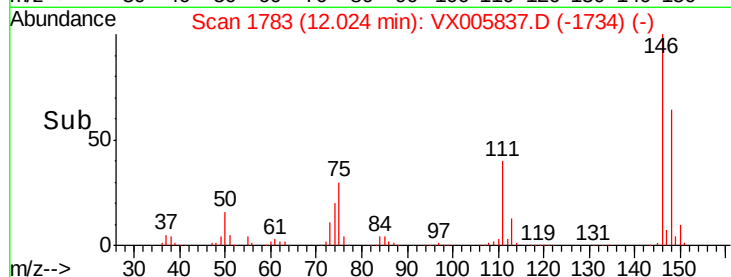
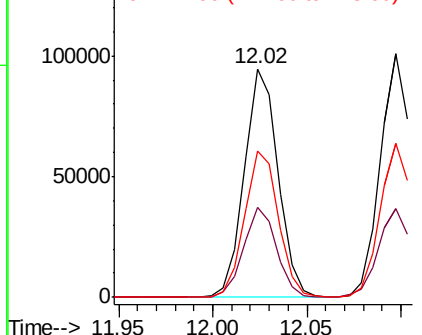
#87
 1,3-Dichlorobenzene
 Concen: 49.630 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 117621
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 64.4 31.9 95.9

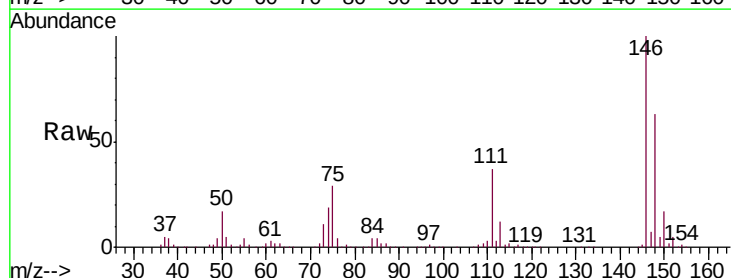


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

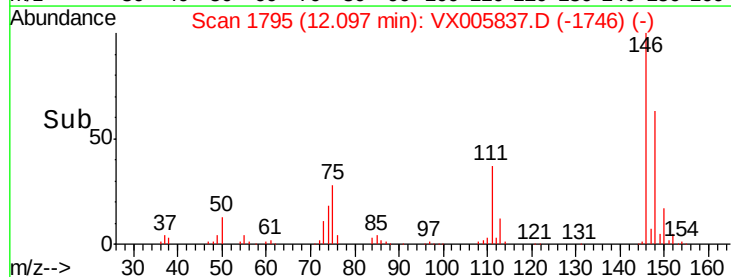
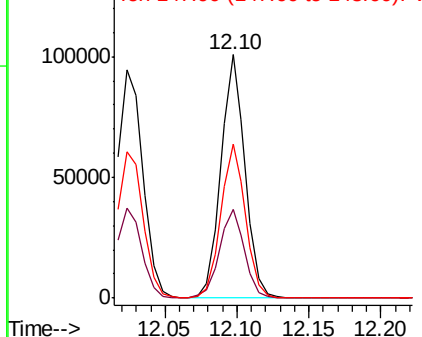


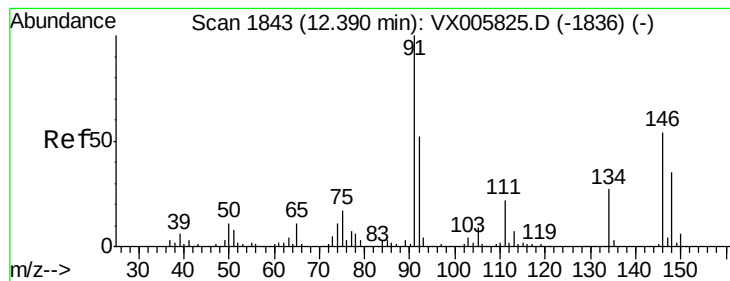
#88
 1,4-Dichlorobenzene
 Concen: 48.981 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion:146 Resp: 118834
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 55.8
 148 64.5 32.1 96.3



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





#89

n-Butylbenzene

Concen: 52.339 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005837.D

Acq: 07 Nov 2018 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

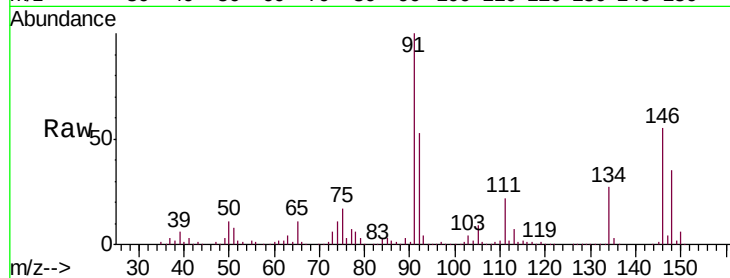
Tgt Ion: 91 Resp: 197908

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.2

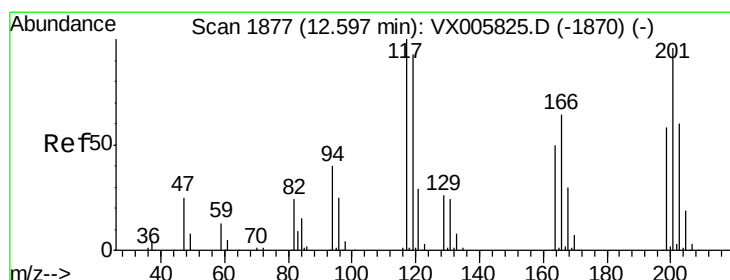
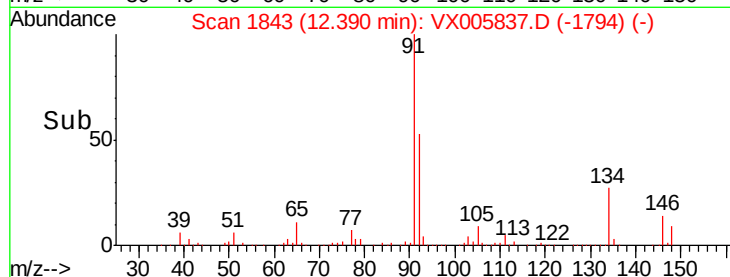
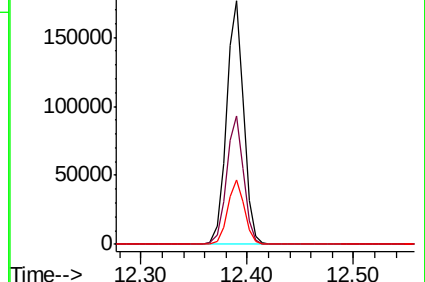
134 26.1 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005825.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005825.D (-1836) (-)



#90

Hexachloroethane

Concen: 54.808 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005837.D

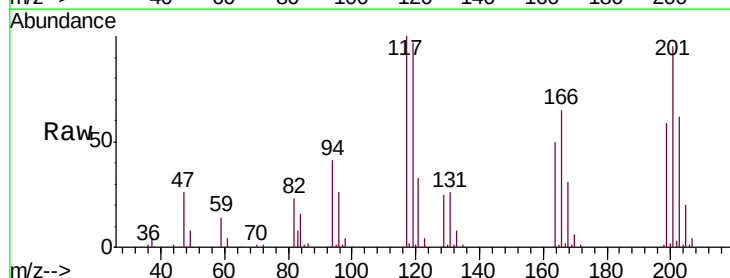
Acq: 07 Nov 2018 19:31

Tgt Ion: 117 Resp: 37333

Ion Ratio Lower Upper

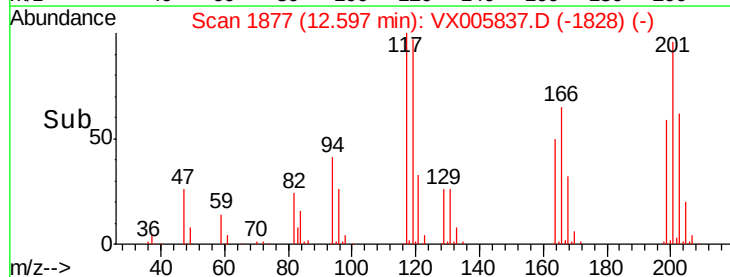
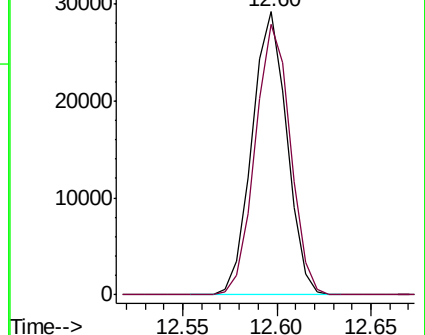
117 100

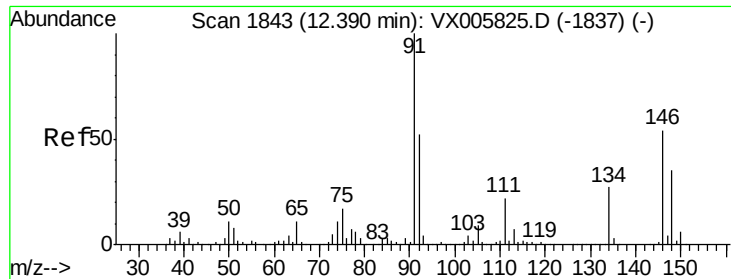
201 96.3 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005825.D (-1870) (-)

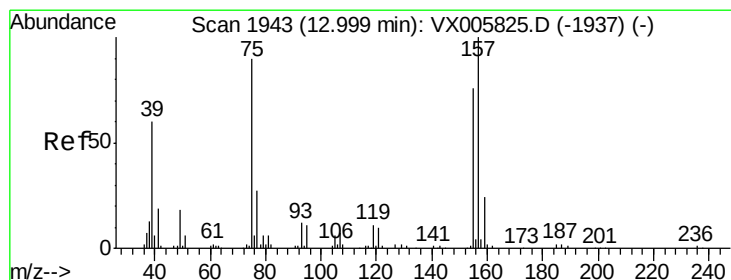
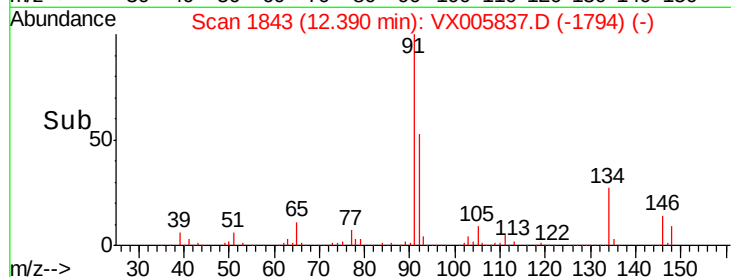
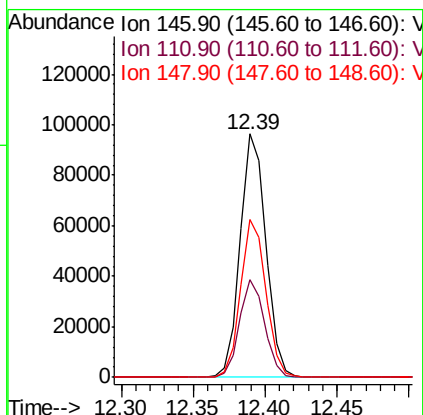
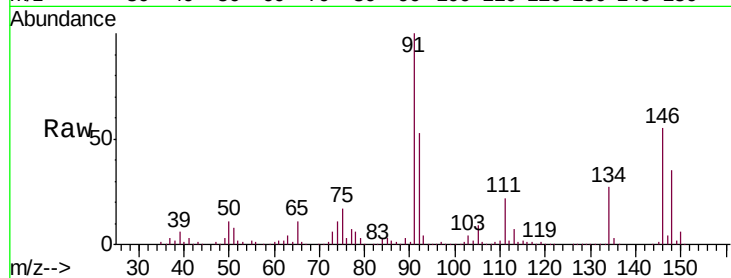




#91
 1,2-Dichlorobenzene
 Concen: 50.299 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

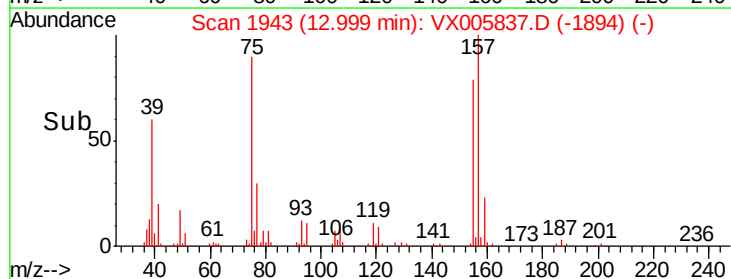
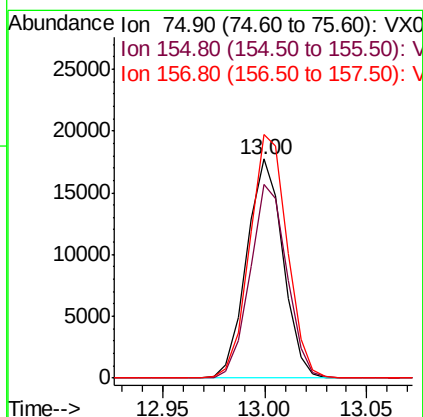
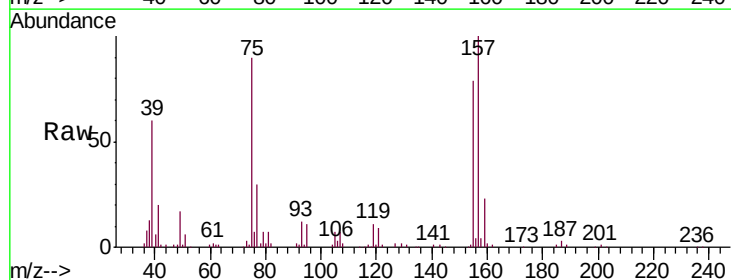
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

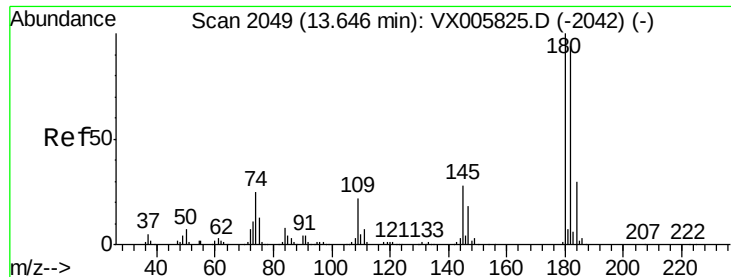
Tgt Ion:146 Resp: 119417
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 59.9
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.955 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion: 75 Resp: 21958
 Ion Ratio Lower Upper
 75 100
 155 89.5 45.4 136.1
 157 114.4 57.4 172.0

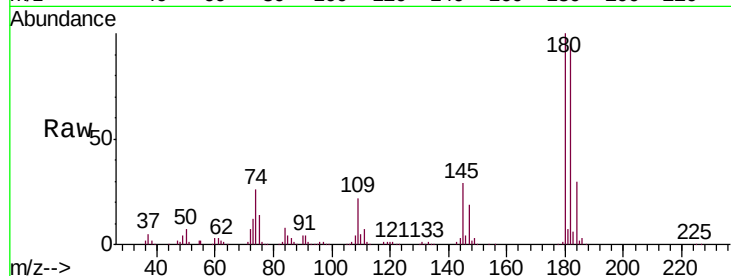




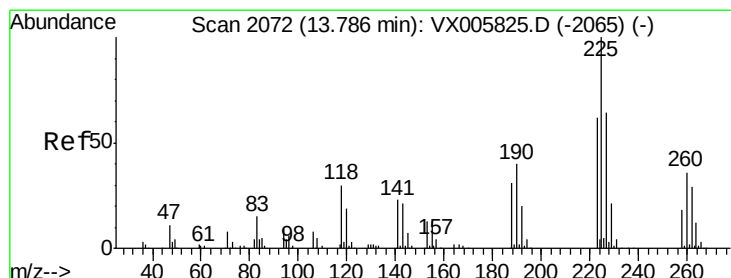
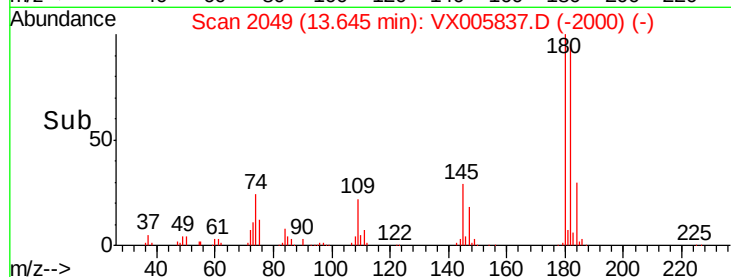
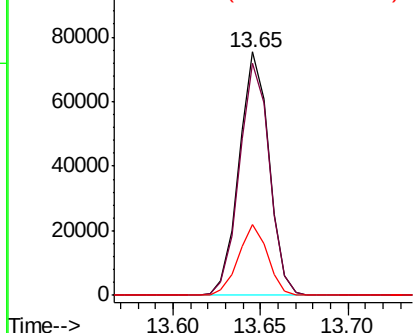
#93
 1,2,4-Trichlorobenzene
 Concen: 53.644 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 89657
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.8
 145 28.4 14.1 42.2

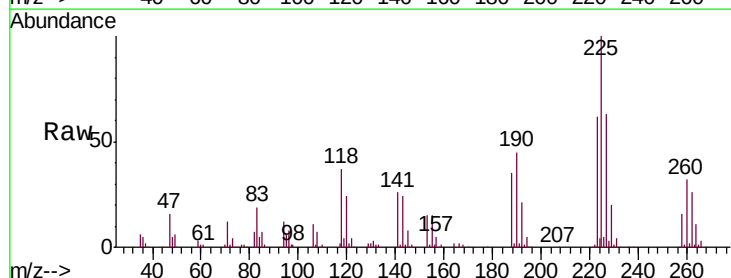


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

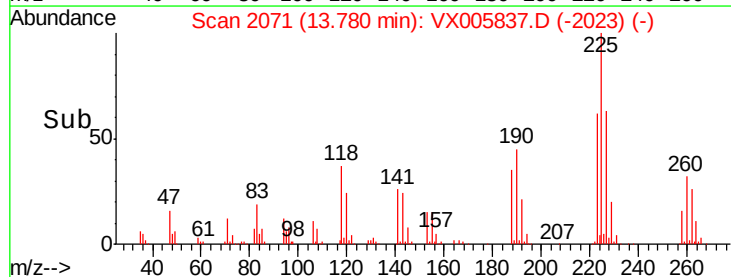
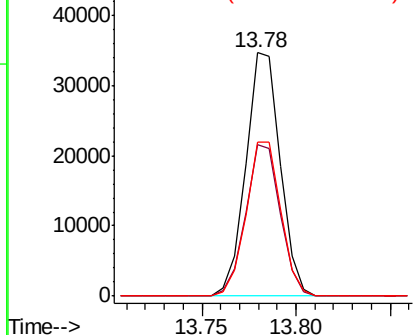


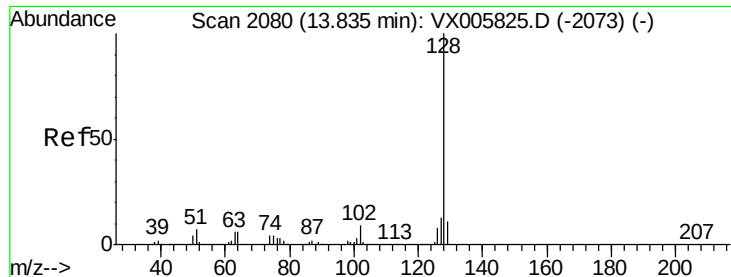
#94
 Hexachlorobutadiene
 Concen: 50.045 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005837.D
 Acq: 07 Nov 2018 19:31

Tgt Ion:225 Resp: 43937
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.7 95.1
 227 63.8 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

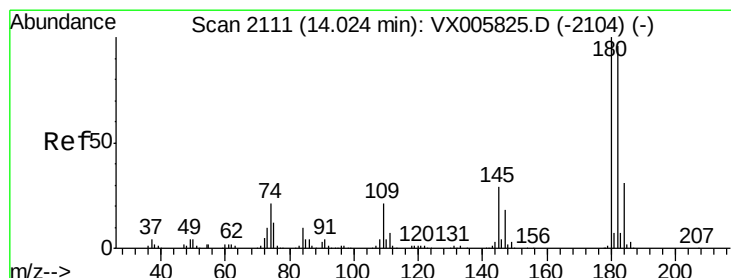
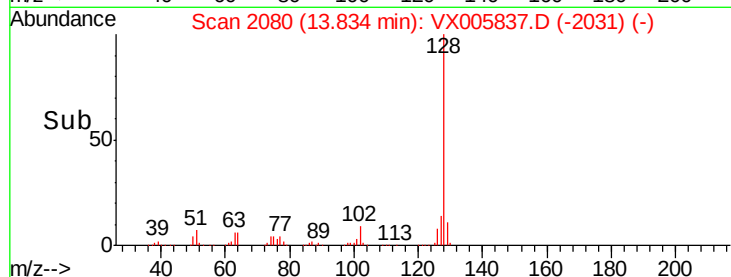
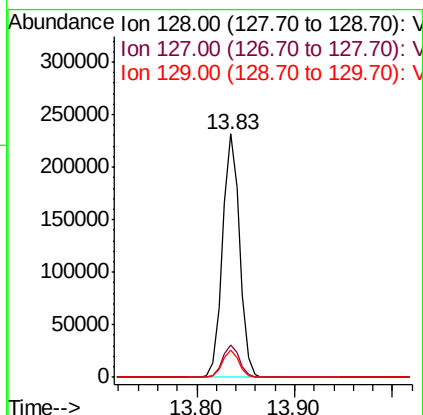
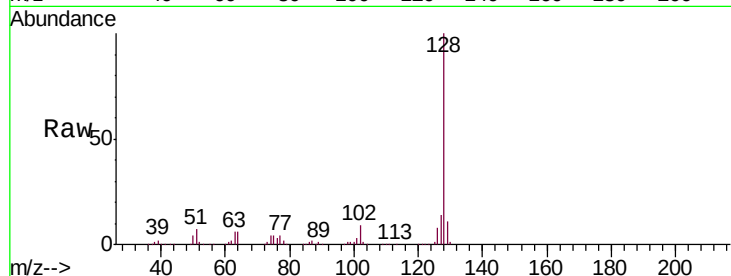




#95
Naphthalene
Concen: 51.133 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 278857
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.428 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005837.D
Acq: 07 Nov 2018 19:31

Tgt Ion:180 Resp: 90974
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 30.6 15.1 45.3

