

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005917.D
 Acq On : 12 Nov 2018 22:40
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 13 04:45:54 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	5.67	168	103491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	150644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	139915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78956	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	61492	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	49130	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	8.71	98	180273	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.14	95	67862	55.41	ug/l	0.00
Spiked Amount			Recovery	=	110.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	43609	46.736	ug/l	99
3) Chloromethane	1.32	50	58531	47.797	ug/l	99
4) Vinyl Chloride	1.41	62	58797	47.828	ug/l	100
5) Bromomethane	1.64	94	38933	51.751	ug/l	98
6) Chloroethane	1.71	64	36695	50.027	ug/l	98
7) Trichlorofluoromethane	1.93	101	83538	51.194	ug/l	97
8) Diethyl Ether	2.19	74	33510	52.408	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46661	49.718	ug/l	99
10) Methyl Iodide	2.51	142	60689	53.356	ug/l	99
11) Tert butyl alcohol	3.07	59	85799	251.738	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44859	49.040	ug/l	96
13) Acrolein	2.29	56	60139	360.861	ug/l	96
14) Allyl chloride	2.73	41	103903	50.858	ug/l	99
15) Acrylonitrile	3.15	53	185222	262.235	ug/l	99
16) Acetone	2.45	43	164056	256.098	ug/l	99
17) Carbon Disulfide	2.57	76	133211	48.822	ug/l	100
18) Methyl Acetate	2.78	43	95650	55.891	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	170102	54.483	ug/l	100
20) Methylene Chloride	2.85	84	52384	49.781	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	49456	51.259	ug/l	95
22) Diisopropyl ether	3.87	45	178713	49.935	ug/l #	94
23) Vinyl Acetate	3.82	43	808765	263.563	ug/l	97
24) 1,1-Dichloroethane	3.70	63	97752	51.195	ug/l	99
25) 2-Butanone	4.70	43	249174	247.412	ug/l	100
26) 2,2-Dichloropropane	4.58	77	66050	47.157	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	53148	49.888	ug/l	99
28) Bromochloromethane	5.03	49	46477	54.464	ug/l	99
29) Tetrahydrofuran	5.15	42	163862	253.402	ug/l	99
30) Chloroform	5.21	83	90958	49.376	ug/l	97
31) Cyclohexane	5.57	56	82300	49.655	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	79896	51.998	ug/l	99
36) 1,1-Dichloropropene	5.80	75	66992	46.130	ug/l	99
37) Ethyl Acetate	4.86	43	95015	49.753	ug/l	99
38) Carbon Tetrachloride	5.78	117	69845	48.041	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76014	51.644	ug/l	92
40) Benzene	6.15	78	204335	48.265	ug/l	100
41) Methacrylonitrile	5.06	41	50580	49.016	ug/l	97
42) 1,2-Dichloroethane	6.20	62	76015	50.129	ug/l	99
43) Isopropyl Acetate	6.46	43	137075	49.535	ug/l	98
44) Trichloroethene	7.21	130	53979	50.206	ug/l	98
45) 1,2-Dichloropropane	7.52	63	54081	52.630	ug/l	100
46) Dibromomethane	7.66	93	33967	52.677	ug/l	99
47) Bromodichloromethane	7.90	83	69169	56.761	ug/l	91
48) Methyl methacrylate	7.77	41	70382	56.644	ug/l	99
49) 1,4-Dioxane	7.75	88	29310	1094.683	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	468483	268.623	ug/l	100
52) Toluene	8.79	92	123227	52.080	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75465	52.476	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	81334	55.489	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51533	48.869	ug/l	98
56) Ethyl methacrylate	9.18	69	82483	52.276	ug/l	99
57) 1,3-Dichloropropane	9.37	76	87580	49.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	229434	266.298	ug/l	100
59) 2-Hexanone	9.49	43	373421	242.912	ug/l	100
60) Dibromochloromethane	9.59	129	55369	48.584	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53670	46.027	ug/l	99
64) Tetrachloroethene	9.34	164	56287	47.251	ug/l	99
65) Chlorobenzene	10.14	112	139503	49.770	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	52195	53.563	ug/l	99
67) Ethyl Benzene	10.25	91	242260	53.900	ug/l	100
68) m/p-Xylenes	10.36	106	185581	108.248	ug/l	99
69) o-Xylene	10.70	106	89488	58.211	ug/l	100
70) Styrene	10.71	104	149912	59.114	ug/l	99
71) Bromoform	10.86	173	46520	56.948	ug/l	# 98
73) Isopropylbenzene	11.02	105	246775	54.047	ug/l	99
74) N-amyl acetate	10.90	43	124766	48.733	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	85633	51.096	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	101861	63.358	ug/l	85
77) Bromobenzene	11.26	156	65067	50.559	ug/l	99
78) n-propylbenzene	11.36	91	285483	53.053	ug/l	99
79) 2-Chlorotoluene	11.42	91	168338	51.756	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	210591	54.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25561	50.673	ug/l	95
82) 4-Chlorotoluene	11.51	91	199186	51.963	ug/l	100
83) tert-Butylbenzene	11.77	119	206984	52.730	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	216563	50.576	ug/l	99
85) sec-Butylbenzene	11.94	105	251280	52.348	ug/l	100
86) p-Isopropyltoluene	12.07	119	225738	53.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120839	48.925	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122386	48.405	ug/l	100
89) n-Butylbenzene	12.39	91	199164	50.541	ug/l	100
90) Hexachloroethane	12.60	117	37610	52.981	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	123227	49.804	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21068	51.516	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90929	52.204	ug/l	100
94) Hexachlorobutadiene	13.78	225	44581	48.725	ug/l	98
95) Naphthalene	13.83	128	285812	50.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93307	52.582	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

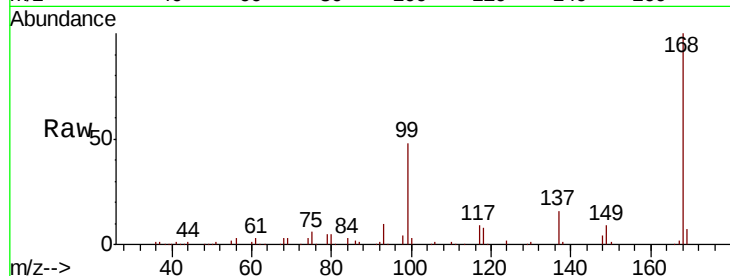
VSTDCCC050EC

Tot Ion:168 Resp: 103491

Ion Ratio Lower Upper

168 100

99 47.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

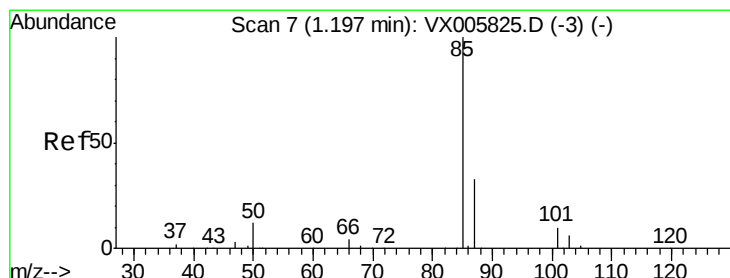
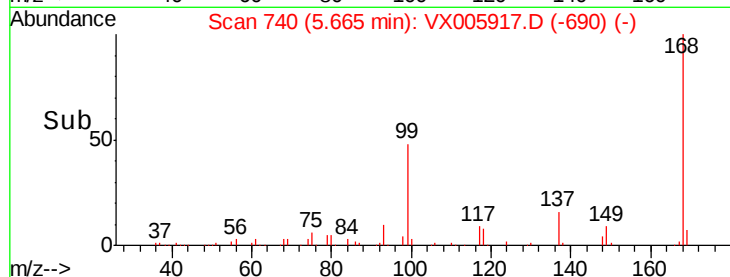
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.736 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005917.D

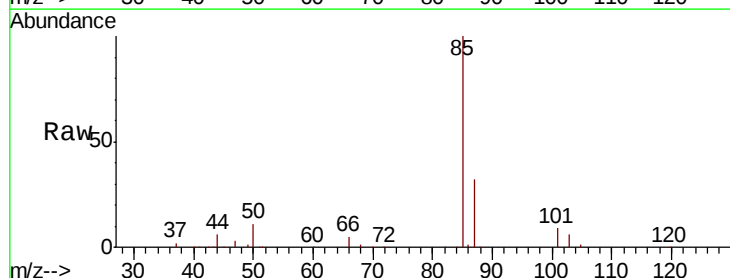
Acq: 12 Nov 2018 22:40

Tgt Ion: 85 Resp: 43609

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

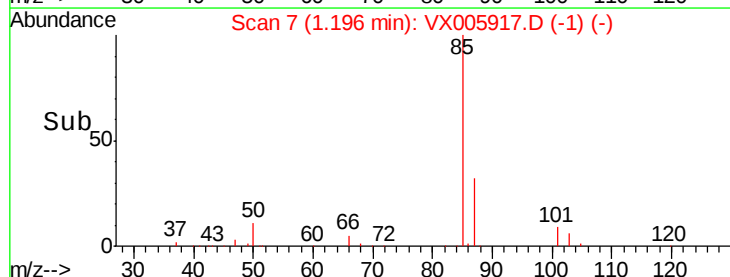
20000

10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.797 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

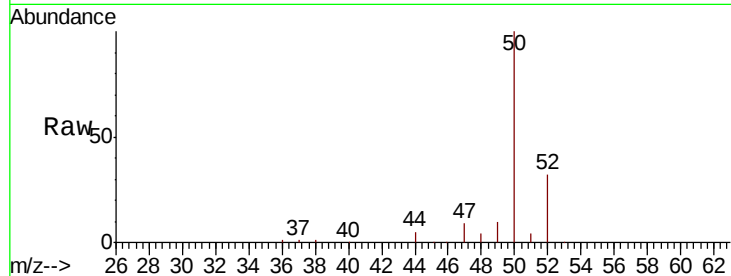
VSTDCCC050EC

Tot Ion: 50 Resp: 58531

Ion Ratio Lower Upper

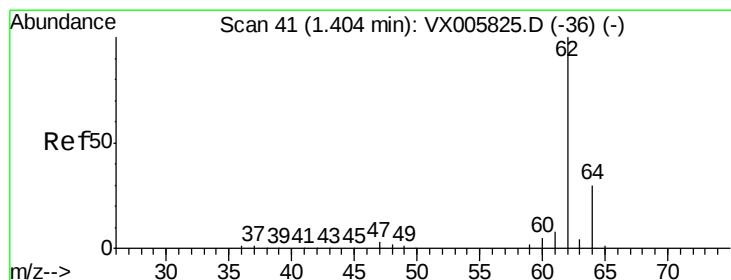
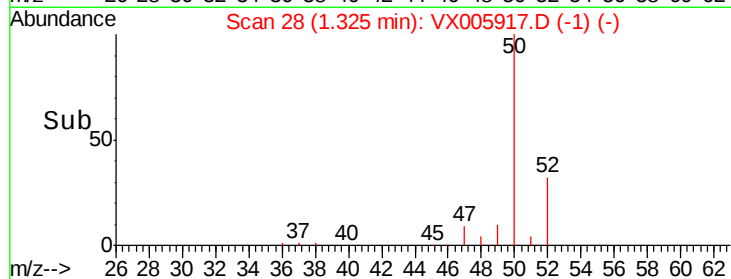
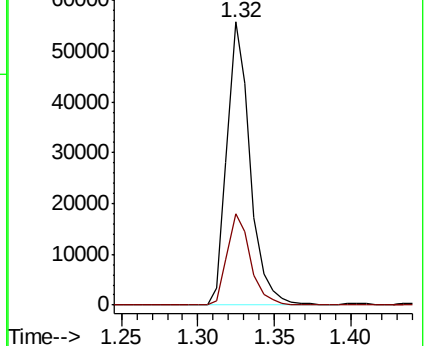
50 100

52 32.3 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: 47.828 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005917.D

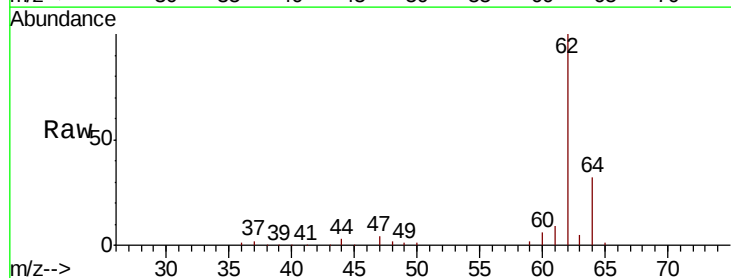
Acq: 12 Nov 2018 22:40

Tgt Ion: 62 Resp: 58797

Ion Ratio Lower Upper

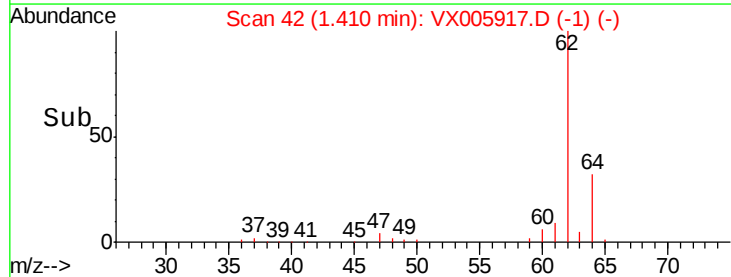
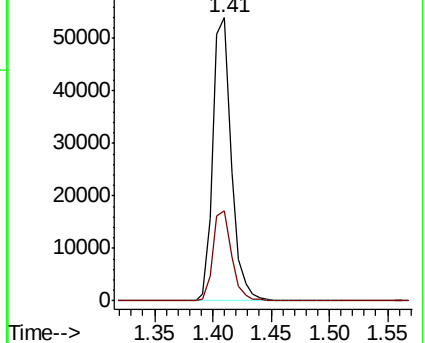
62 100

64 31.9 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: 51.751 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

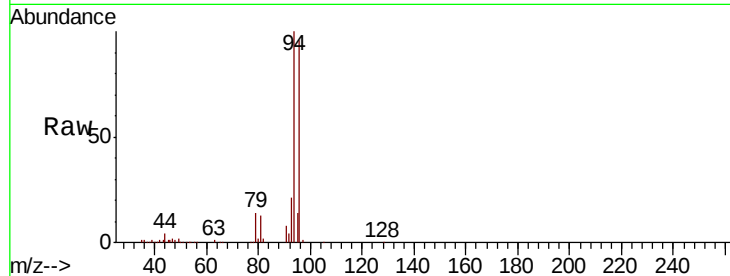
VSTDCCC050EC

Tot Ion: 94 Resp: 38933

Ion Ratio Lower Upper

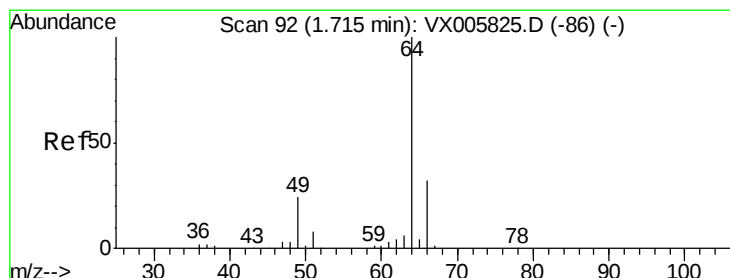
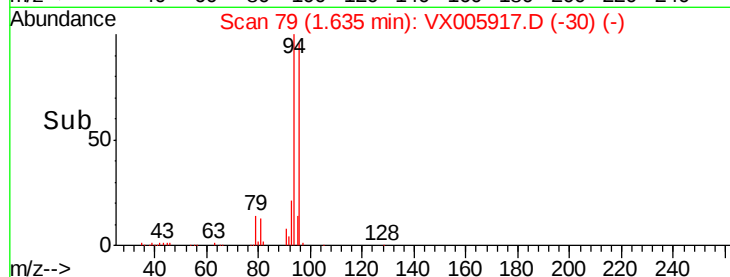
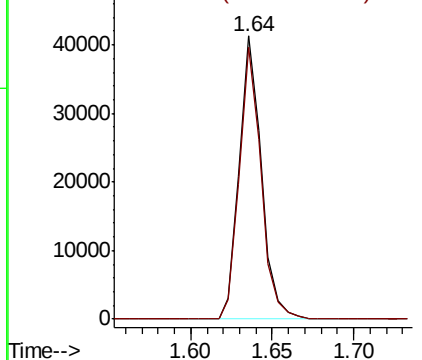
94 100

96 96.2 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: 50.027 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005917.D

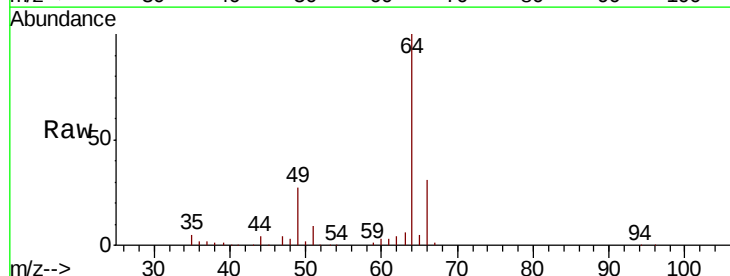
Acq: 12 Nov 2018 22:40

Tgt Ion: 64 Resp: 36695

Ion Ratio Lower Upper

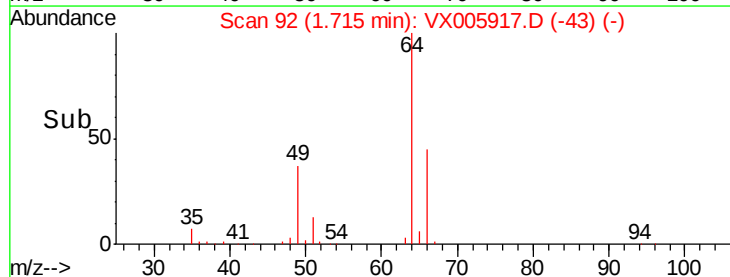
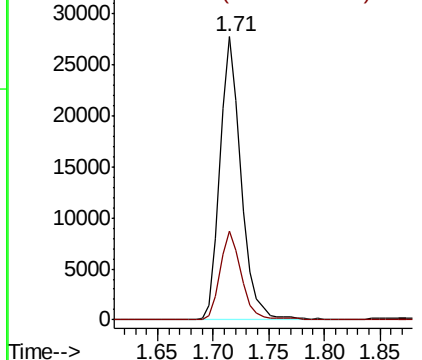
64 100

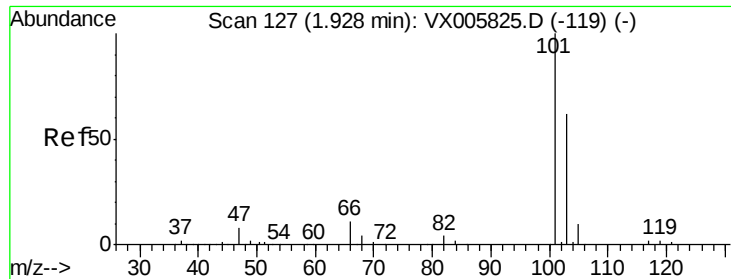
66 31.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



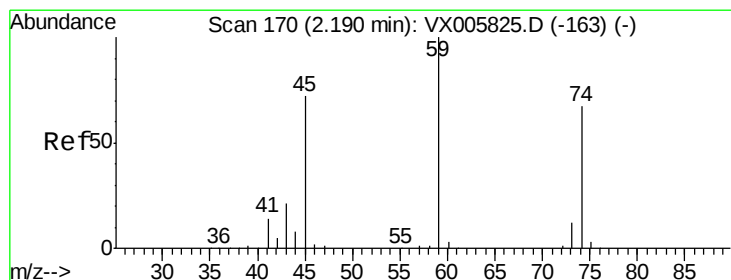
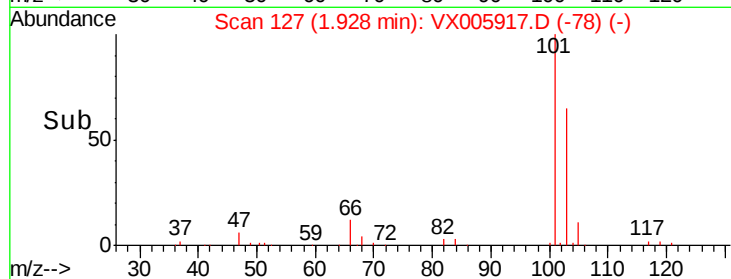
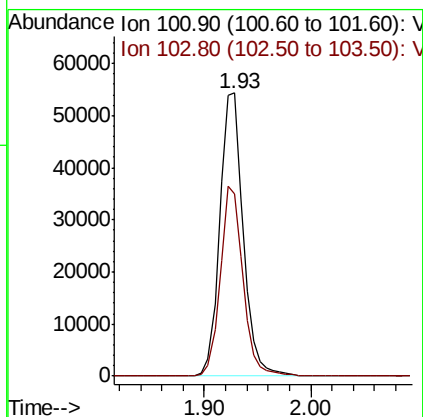
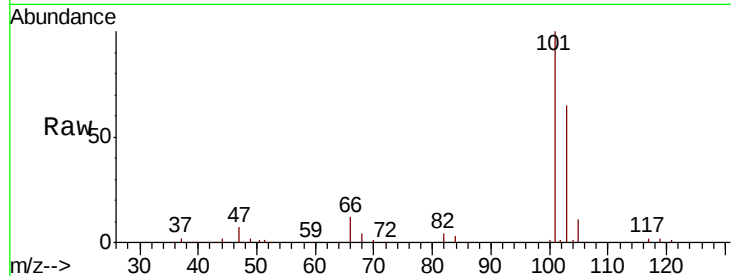


#7

Trichlorofluoromethane
 Concen: 51.194 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX005917.D
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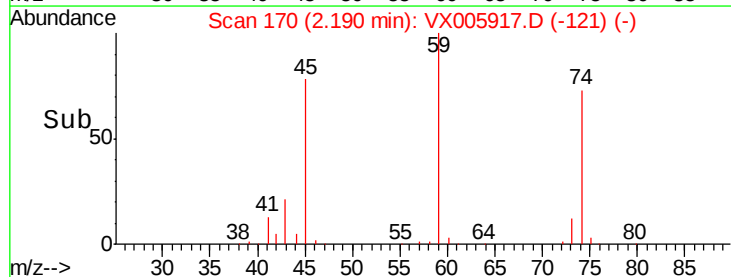
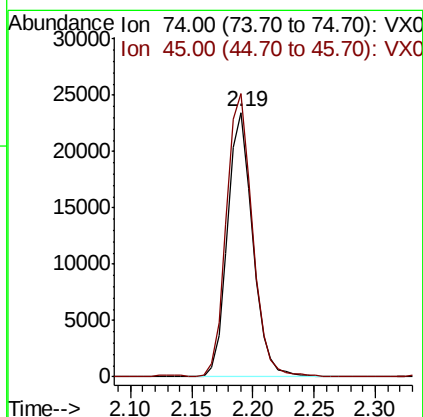
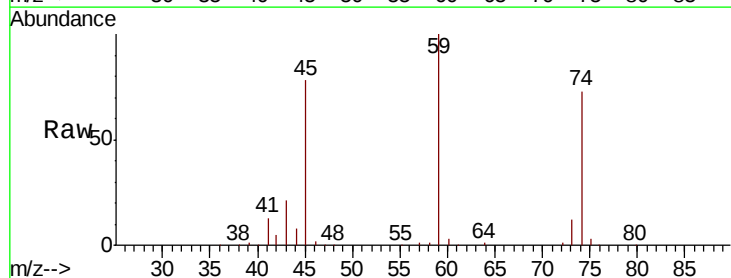
Tot Ion:101 Resp: 83538
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.0 75.0



#8

Diethyl Ether
 Concen: 52.408 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 74 Resp: 33510
 Ion Ratio Lower Upper
 74 100
 45 109.7 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.718 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

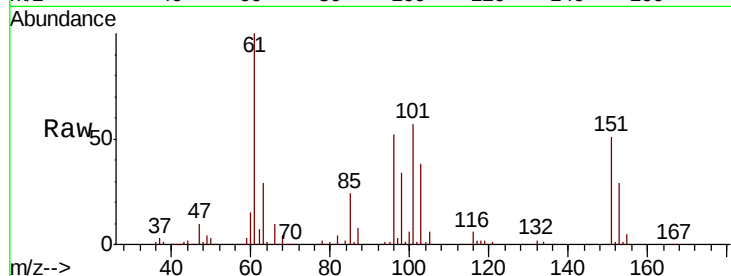
Tot Ion:101 Resp: 46661

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.4

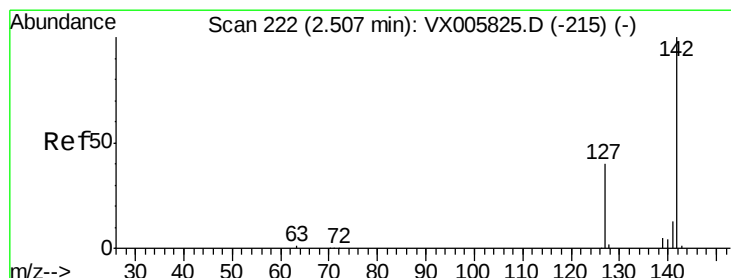
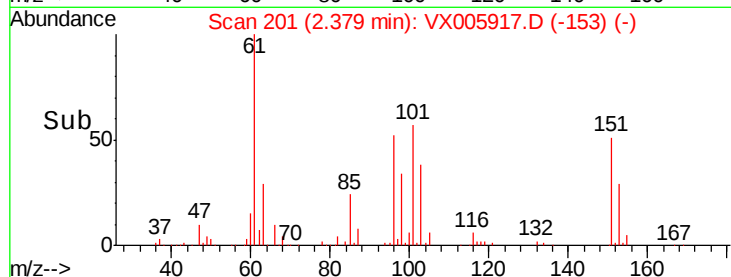
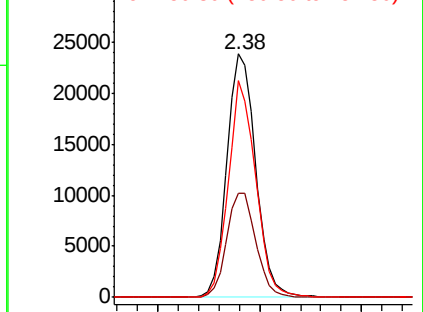
151 84.2 66.2 99.2



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: 53.356 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

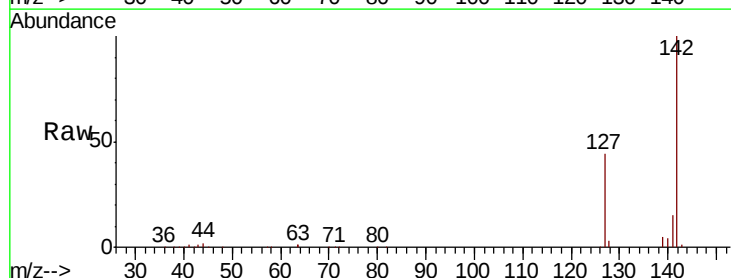
Tgt Ion:142 Resp: 60689

Ion Ratio Lower Upper

142 100

127 44.4 36.0 54.0

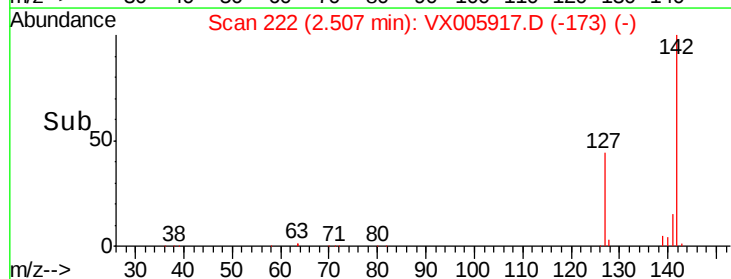
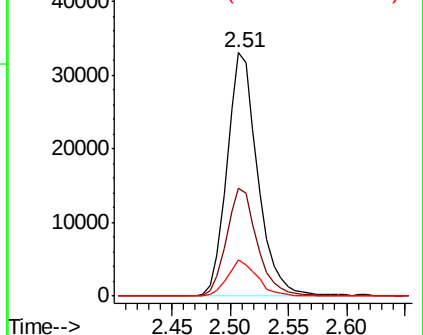
141 14.3 11.7 17.5

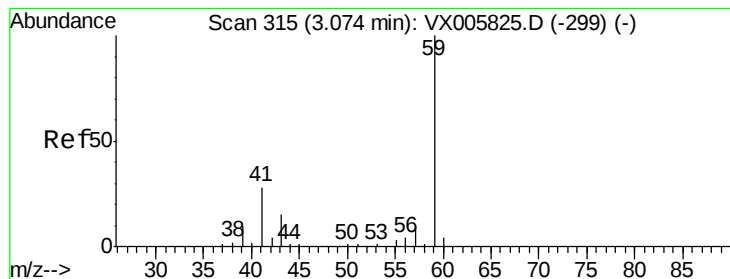


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



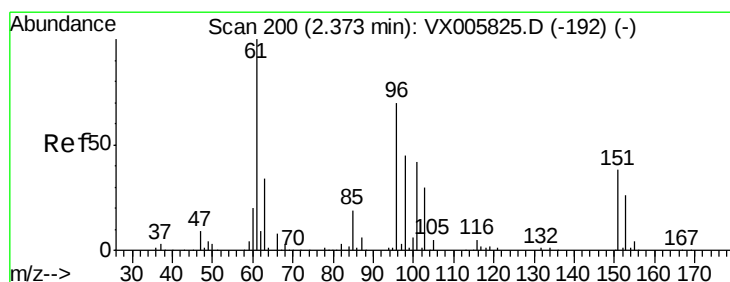
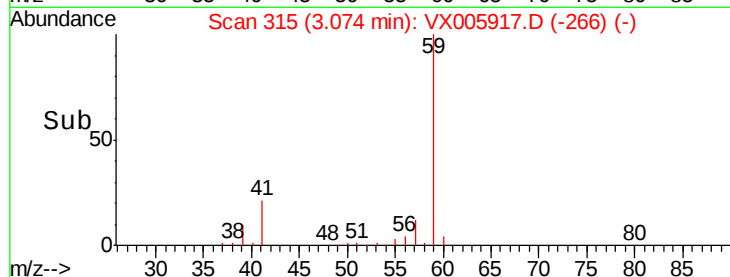
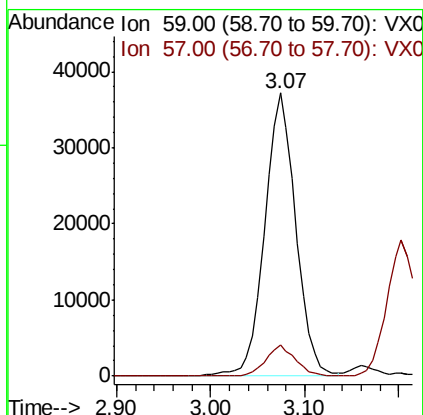
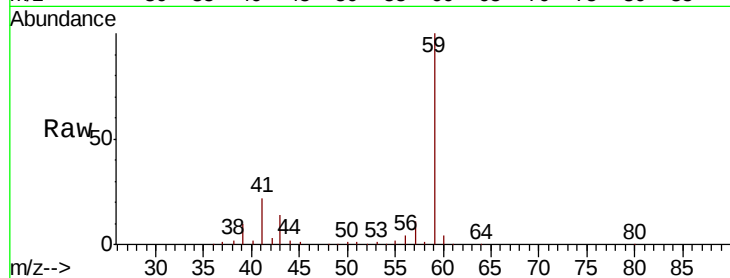


#11

Tert butyl alcohol
 Concen: 251.738 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

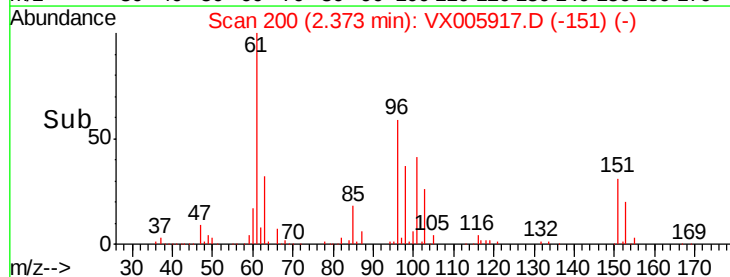
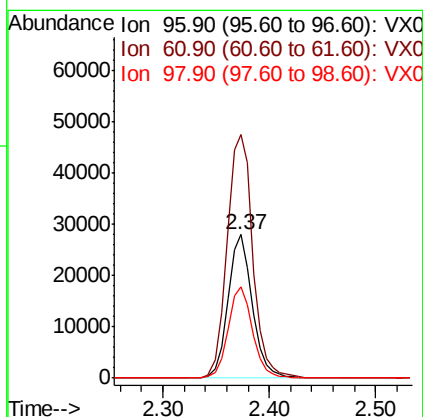
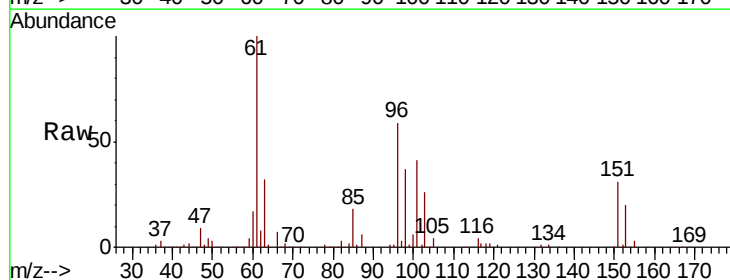
Tot Ion: 59 Resp: 85799
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

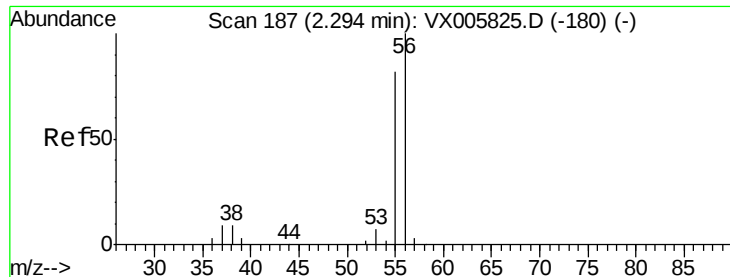


#12

1,1-Dichloroethene
 Concen: 49.040 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 96 Resp: 44859
 Ion Ratio Lower Upper
 96 100
 61 170.1 131.8 197.8
 98 63.7 53.4 80.2

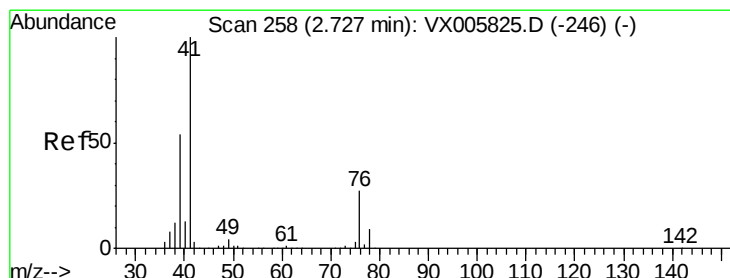
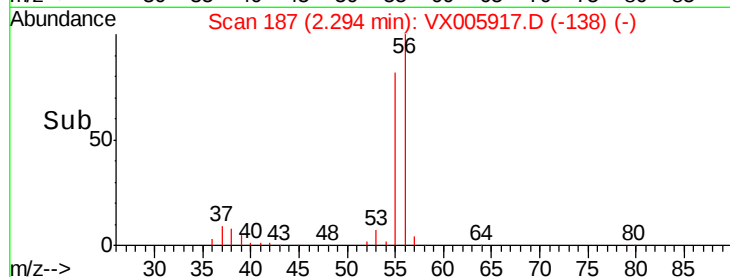
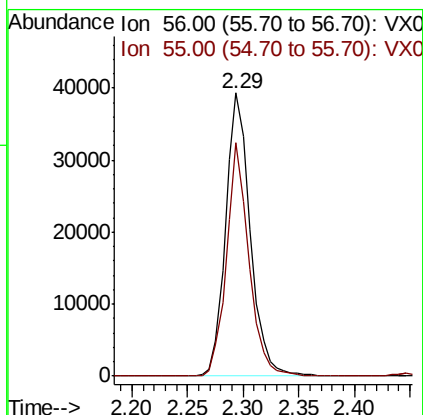
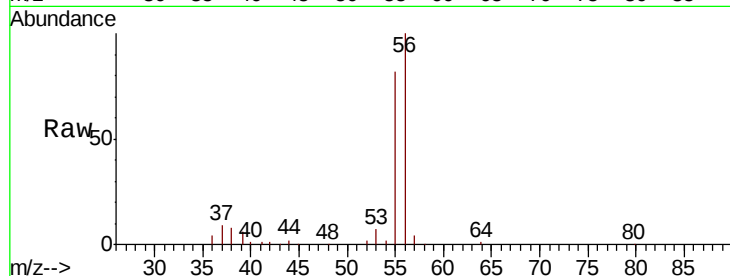




#13
Acrolein
Concen: 360.861 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

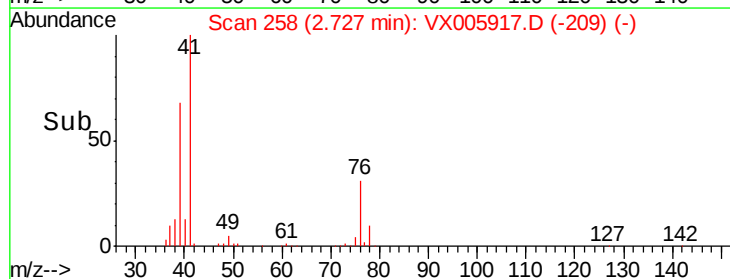
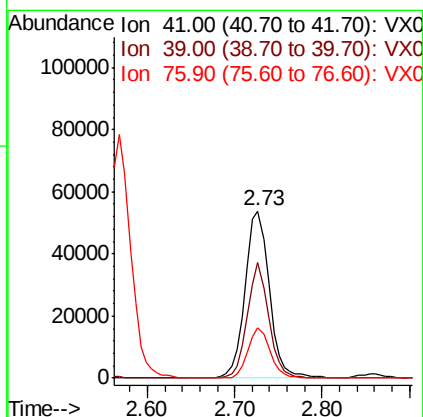
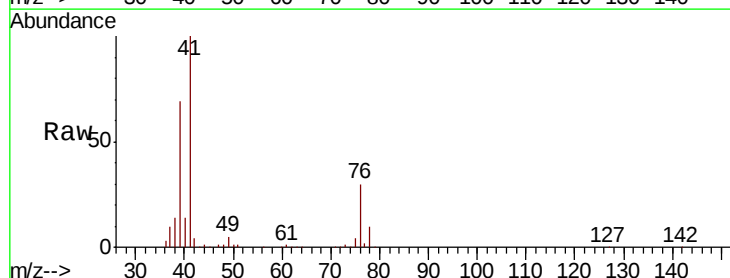
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

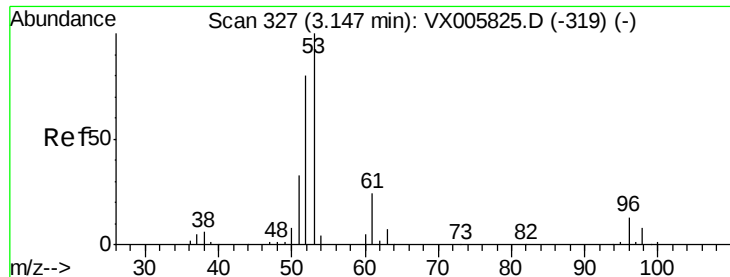
Tot Ion: 56 Resp: 60139
Ion Ratio Lower Upper
56 100
55 75.2 57.3 85.9



#14
Allyl chloride
Concen: 50.858 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion: 41 Resp: 103903
Ion Ratio Lower Upper
41 100
39 60.7 48.2 72.4
76 27.6 21.9 32.9



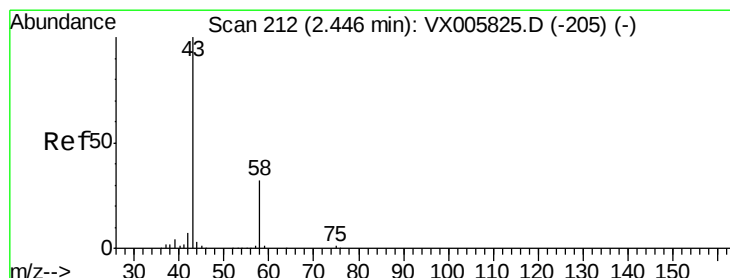
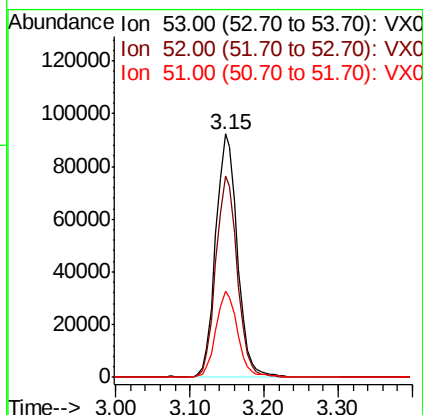
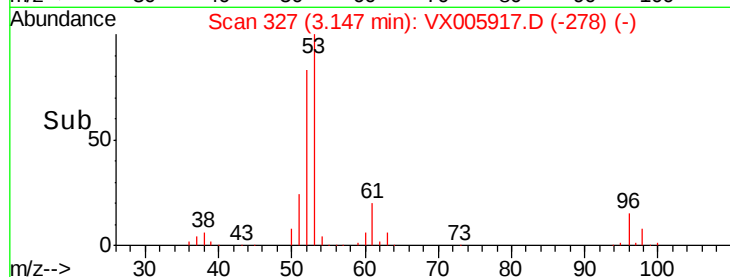
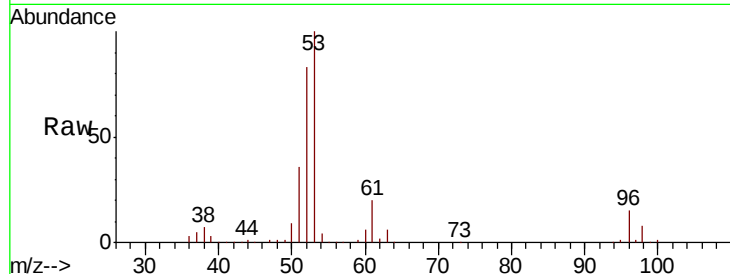


#15
 Acrylonitrile
 Concen: 262.235 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 185222

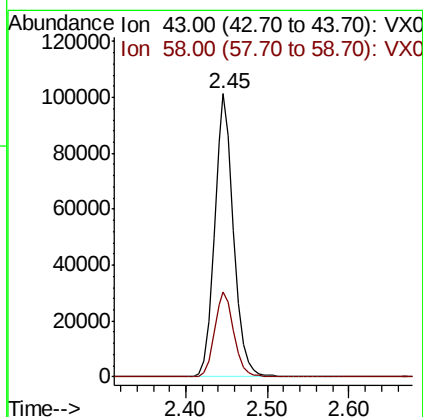
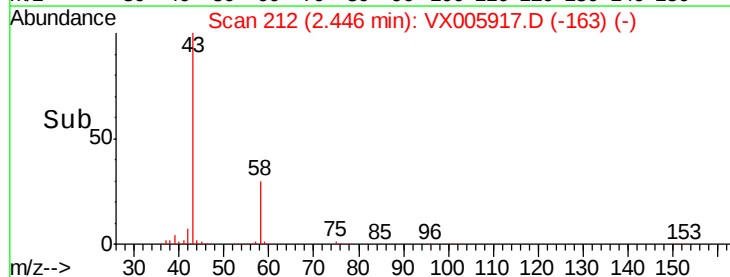
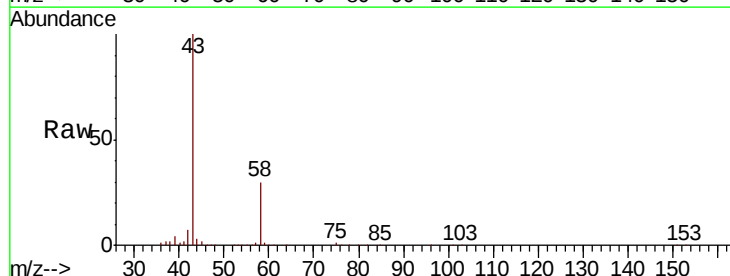
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.6	99.8
51	35.7	28.4	42.6

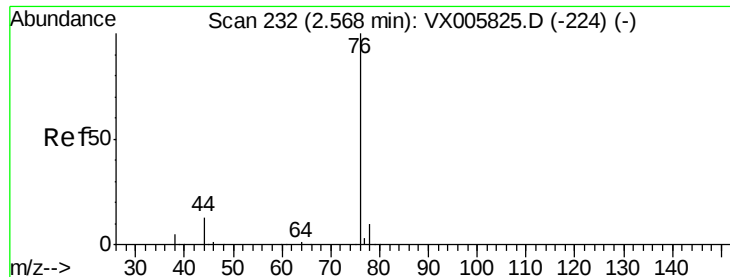


#16
 Acetone
 Concen: 256.098 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 43 Resp: 164056

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.8	35.6

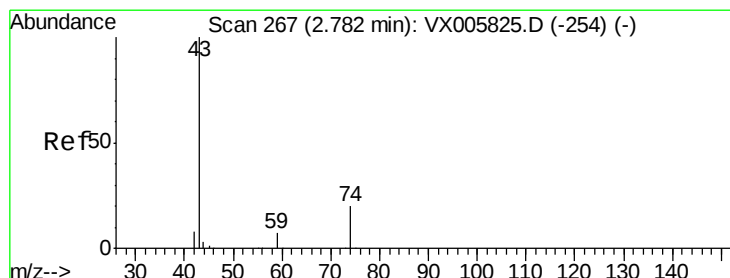
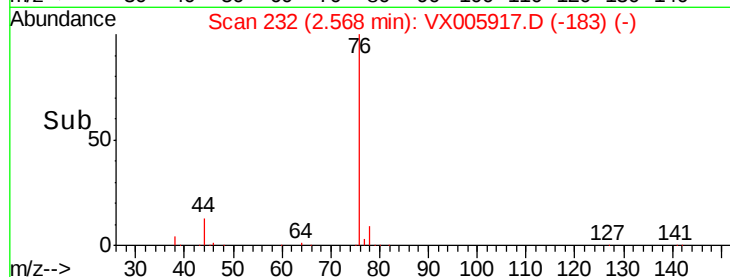
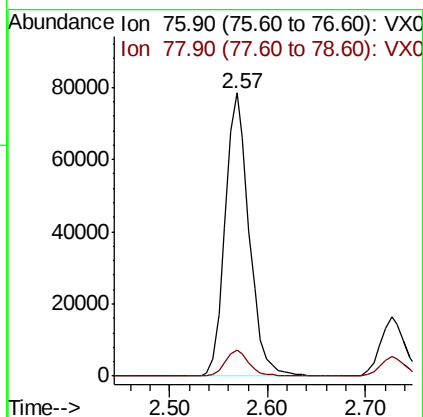
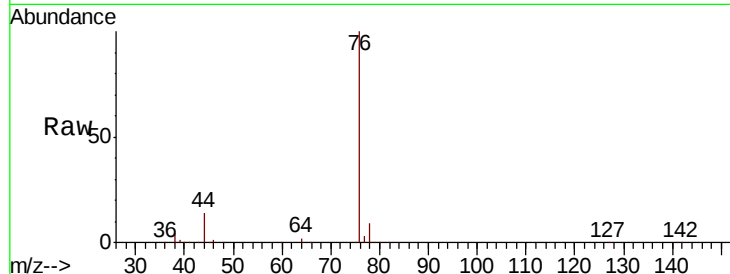




#17
Carbon Disulfide
Concen: 48.822 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

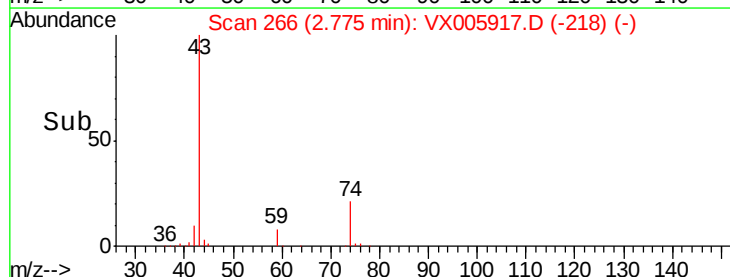
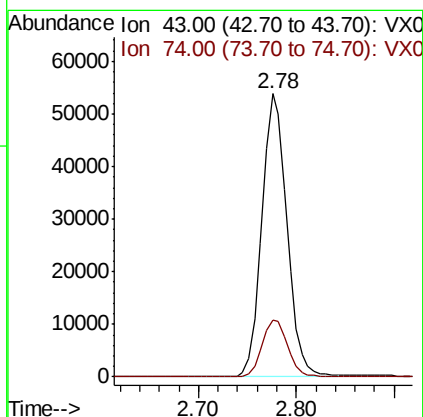
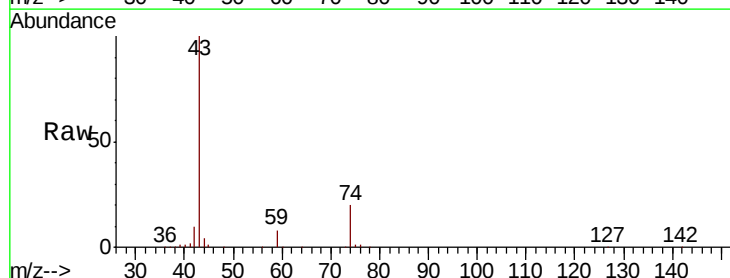
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

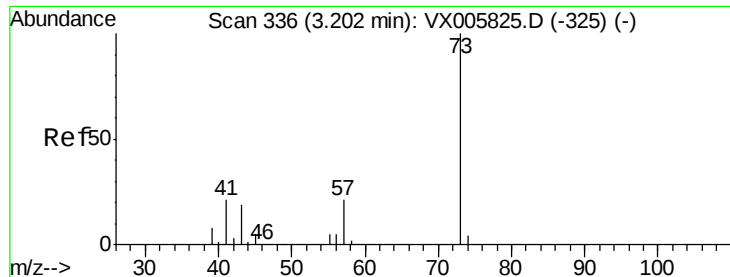
Tot Ion: 76 Resp: 133211
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 55.891 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion: 43 Resp: 95650
Ion Ratio Lower Upper
43 100
74 20.6 16.8 25.2

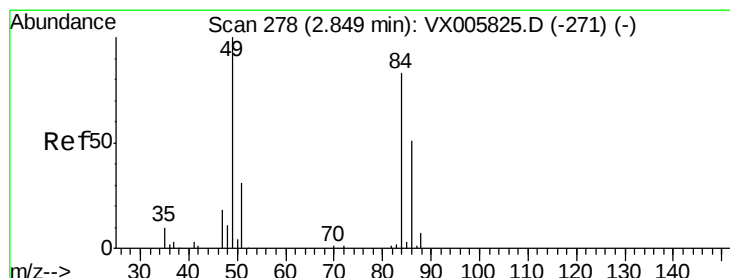
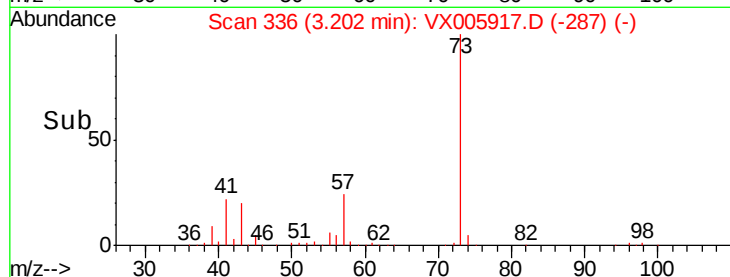
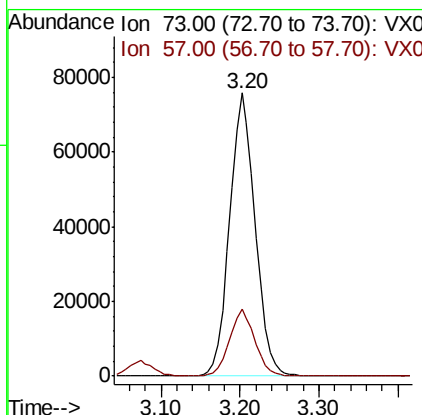
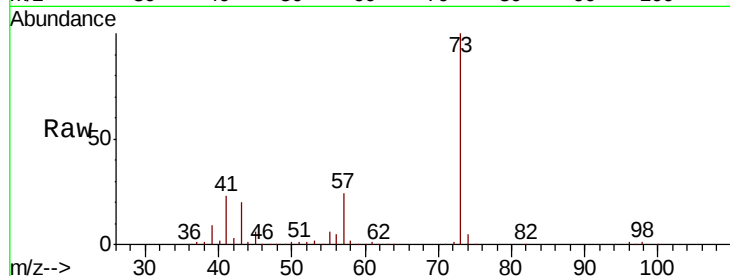




#19
Methyl tert-butyl Ether
Concen: 54.483 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

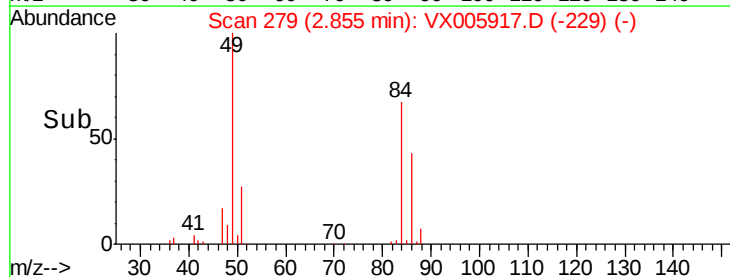
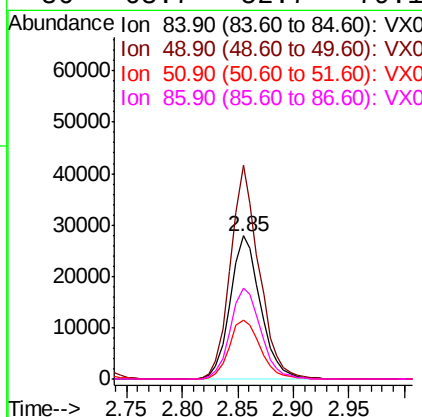
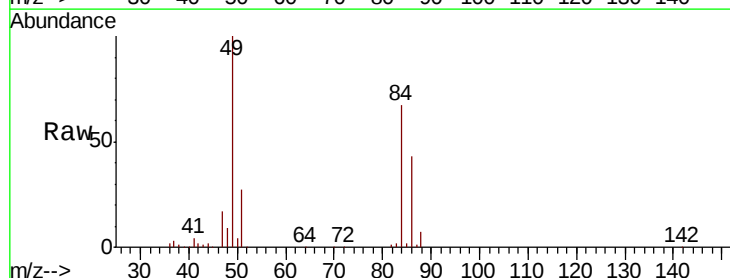
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 170102
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2



#20
Methylene Chloride
Concen: 49.781 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion: 84 Resp: 52384
Ion Ratio Lower Upper
84 100
49 149.1 109.5 164.3
51 40.9 33.3 49.9
86 63.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.259 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

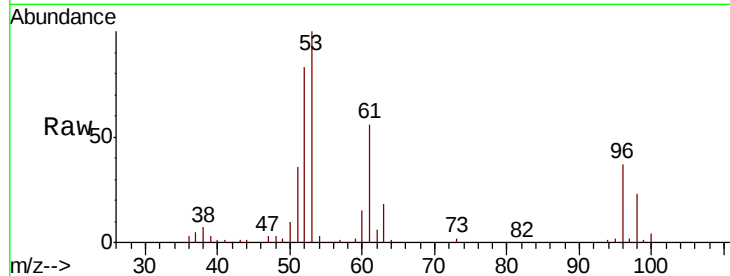
Tot Ion: 96 Resp: 49456

Ion Ratio Lower Upper

96 100

61 153.3 115.6 173.4

98 63.6 50.2 75.2

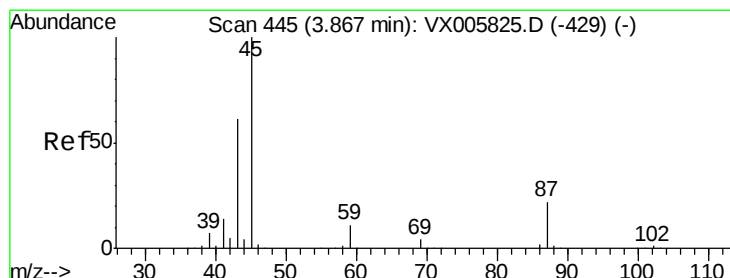
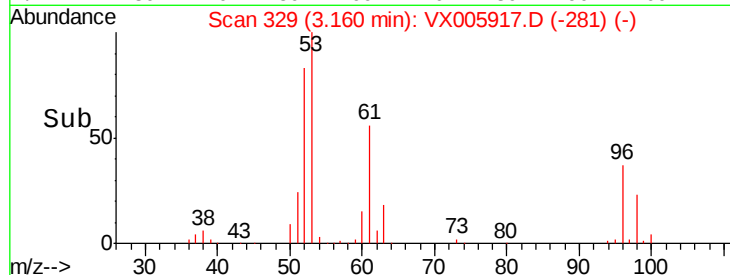
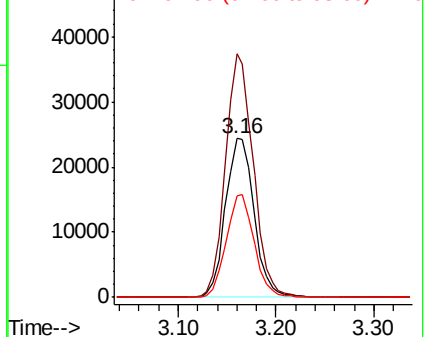


Abundance

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: 49.935 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Tgt Ion: 45 Resp: 178713

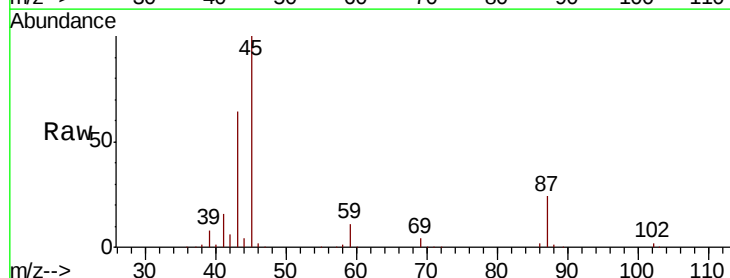
Ion Ratio Lower Upper

45 100

43 63.3 47.4 71.2

87 24.3 15.9 23.9#

59 11.2 7.7 11.5



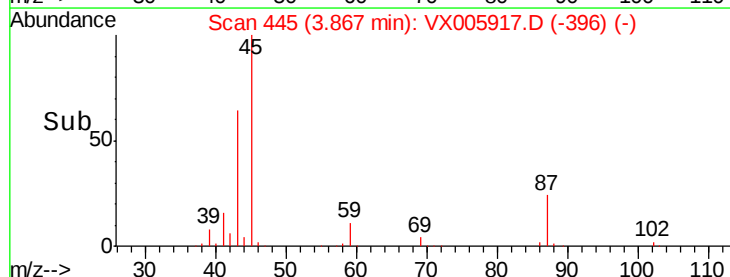
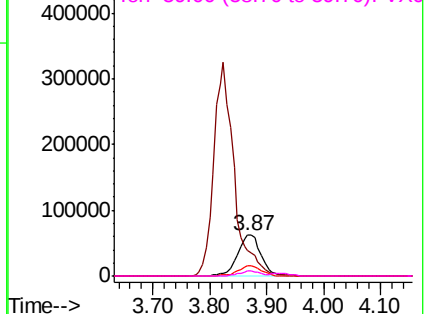
Abundance

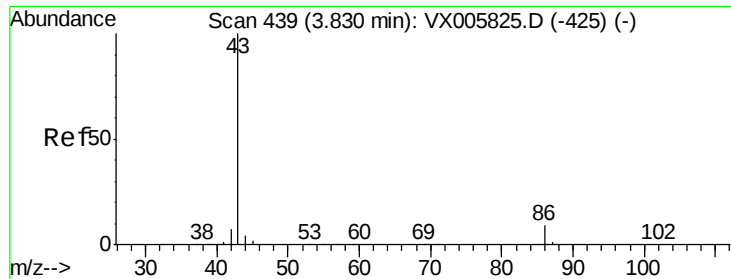
Ion 45.00 (44.70 to 45.70): VX0

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

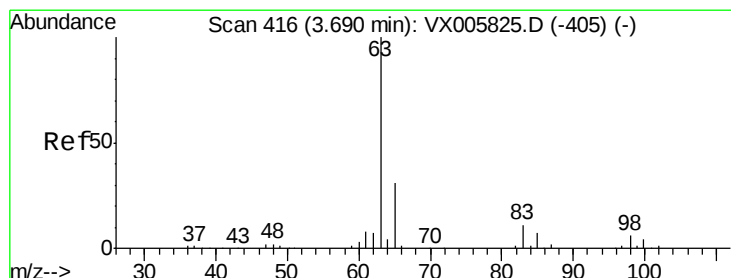
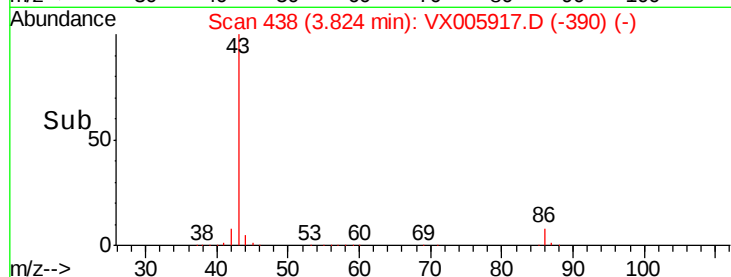
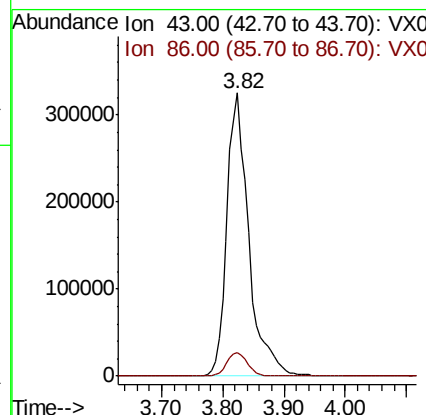
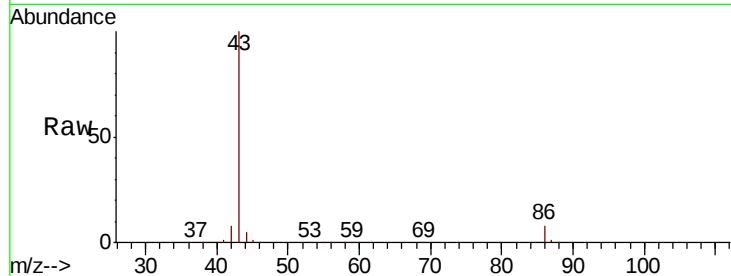




#23
 Vinyl Acetate
 Concen: 263.563 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

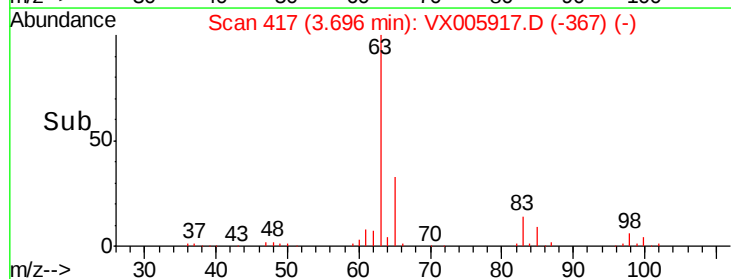
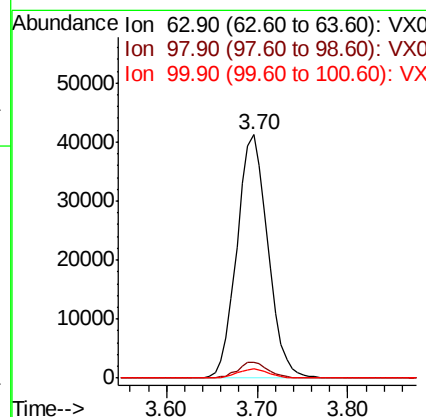
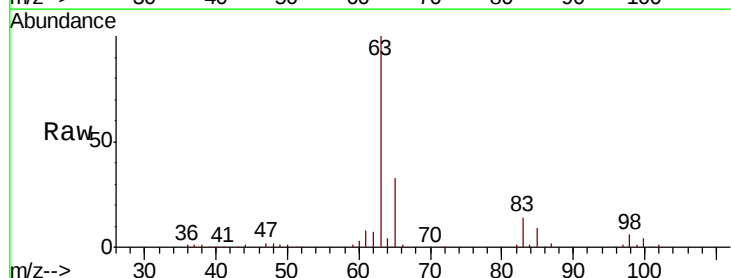
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

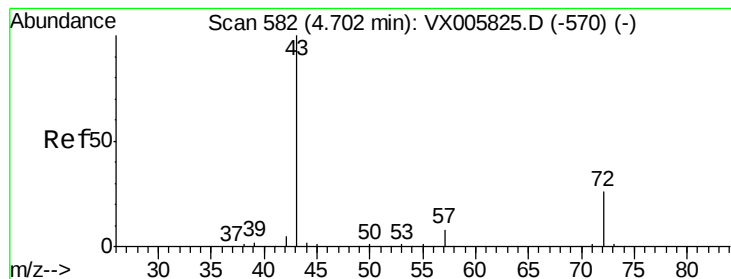
Tot Ion: 43 Resp: 808765
 Ion Ratio Lower Upper
 43 100
 86 8.2 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 51.195 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 63 Resp: 97752
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 3.7 2.1 6.2





#25

2-Butanone

Concen: 247.412 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

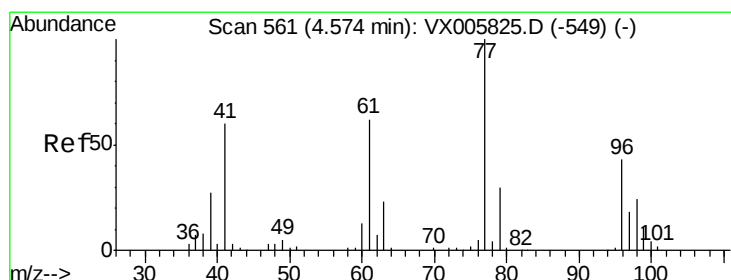
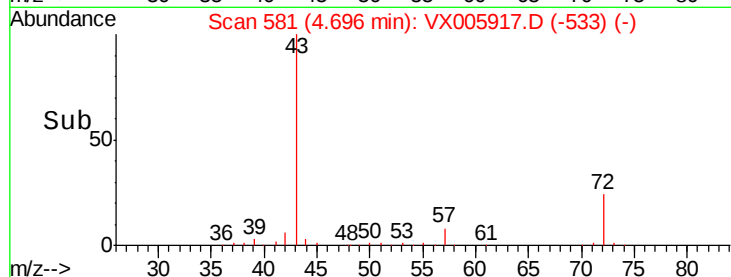
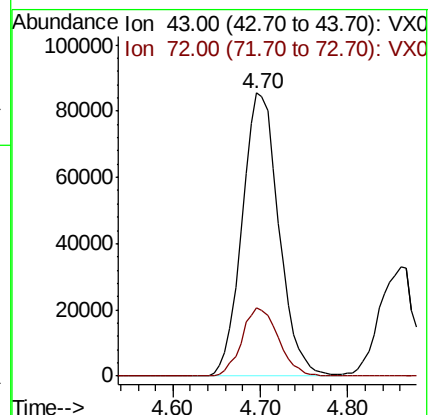
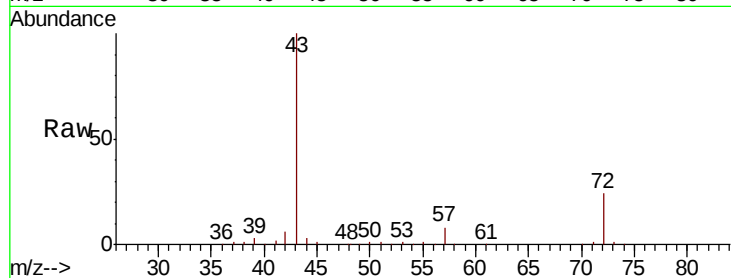
VSTDCCC050EC

Tot Ion: 43 Resp: 249174

Ion Ratio Lower Upper

43 100

72 23.9 19.2 28.8



#26

2,2-Dichloropropane

Concen: 47.157 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005917.D

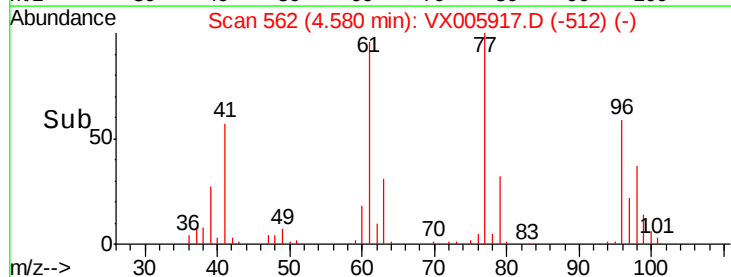
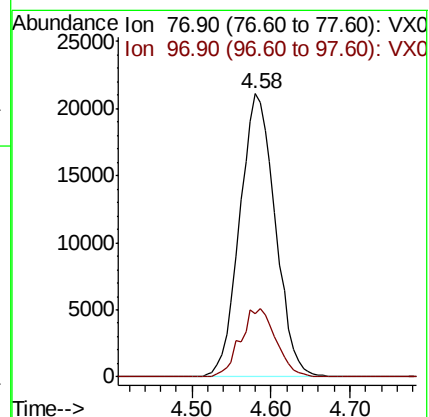
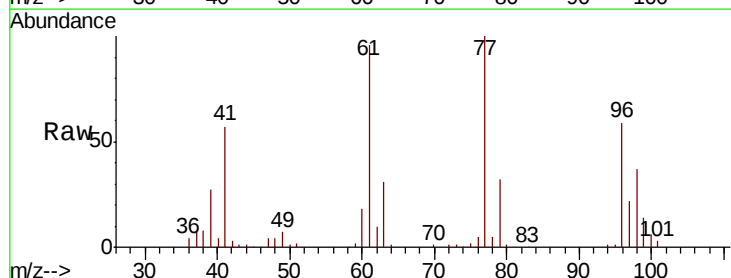
Acq: 12 Nov 2018 22:40

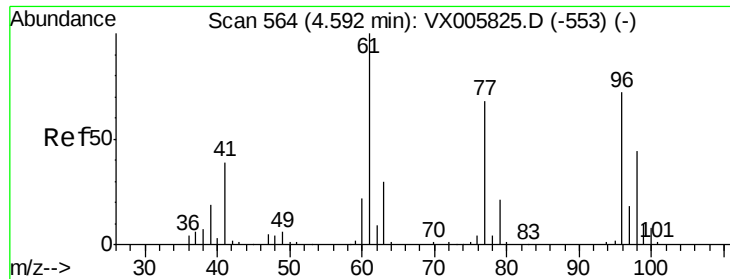
Tgt Ion: 77 Resp: 66050

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.5



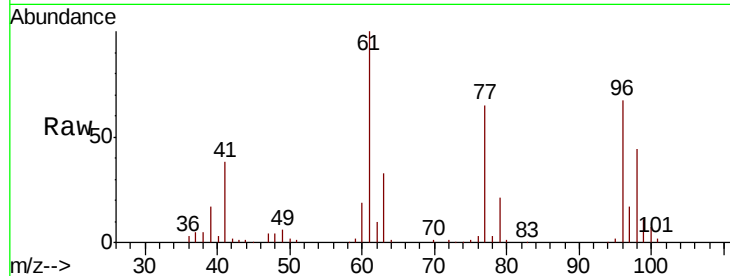


#27

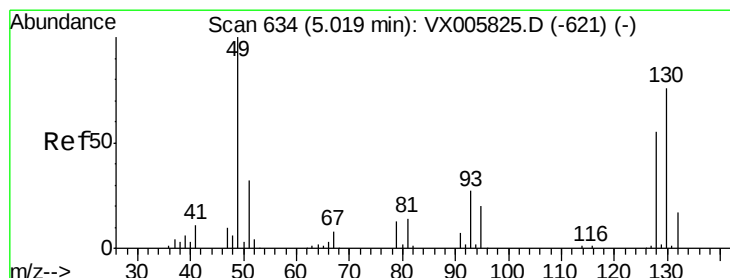
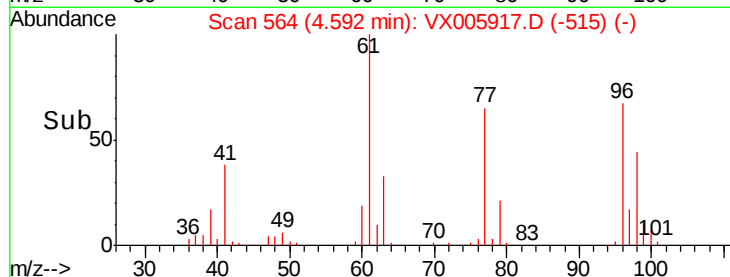
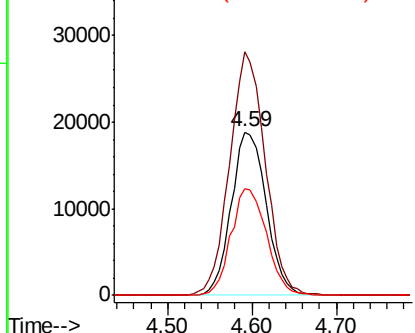
cis-1,2-Dichloroethene
Concen: 49.888 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 53148
Ion Ratio Lower Upper
96 100
61 151.6 0.0 304.6
98 66.1 0.0 127.4



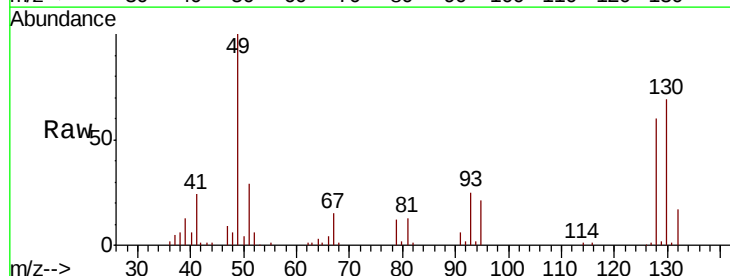
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



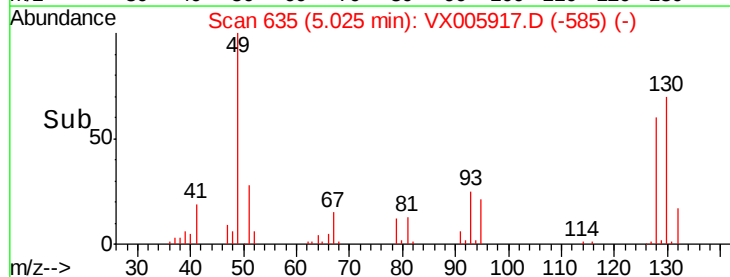
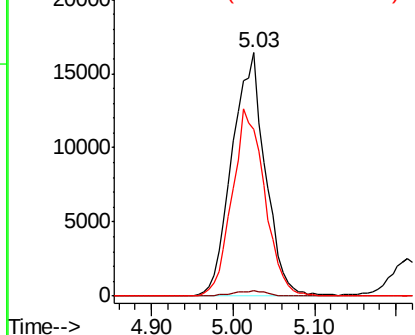
#28

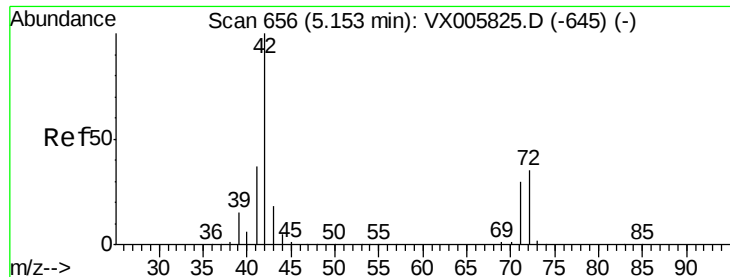
Bromochloromethane
Concen: 54.464 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion: 49 Resp: 46477
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 74.8 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: 253.402 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

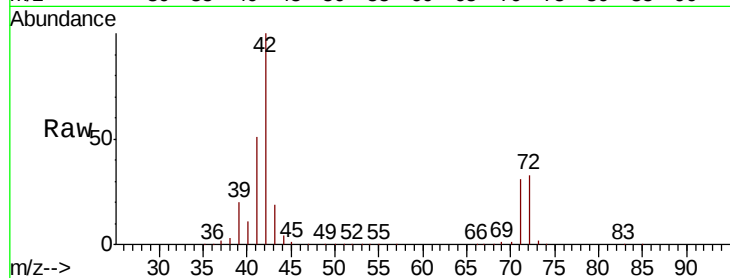
Tot Ion: 42 Resp: 163862

Ion Ratio Lower Upper

42 100

72 39.6 32.0 48.0

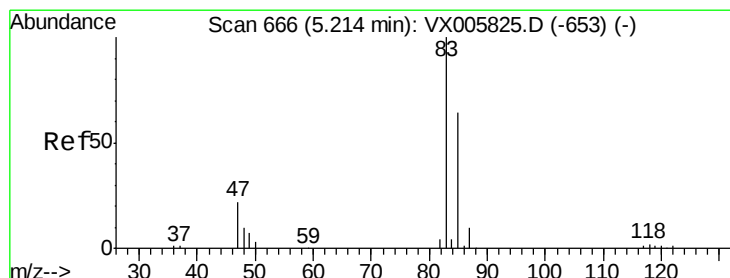
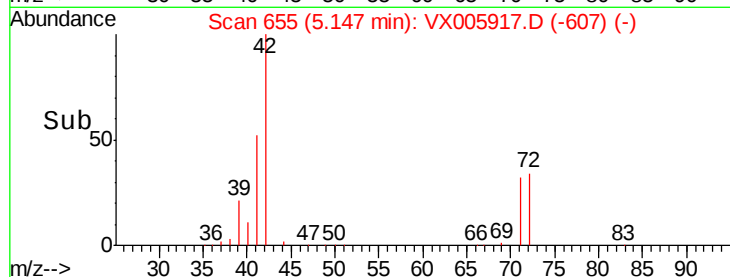
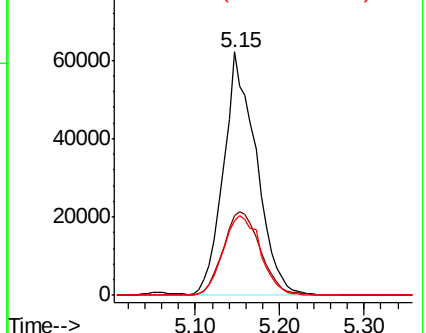
71 37.5 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.376 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005917.D

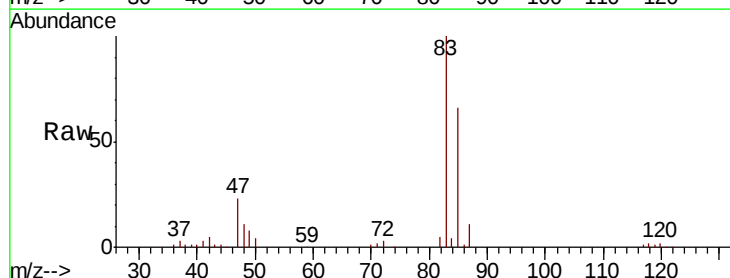
Acq: 12 Nov 2018 22:40

Tgt Ion: 83 Resp: 90958

Ion Ratio Lower Upper

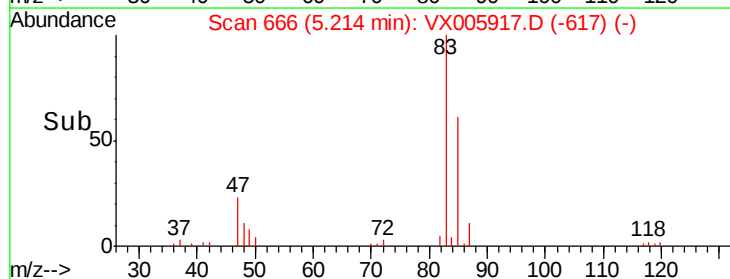
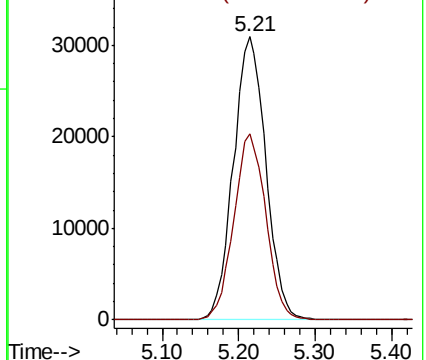
83 100

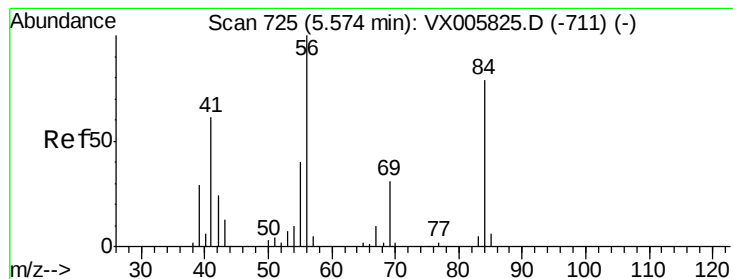
85 65.6 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.655 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

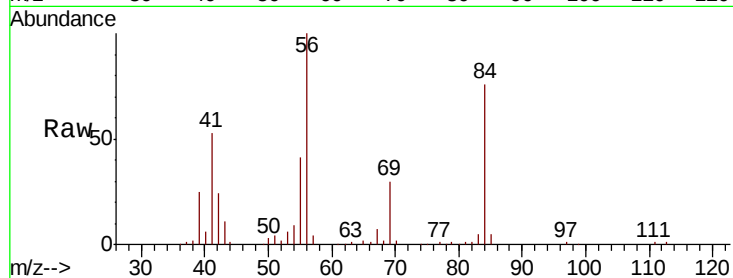
Tot Ion: 56 Resp: 82300

Ion Ratio Lower Upper

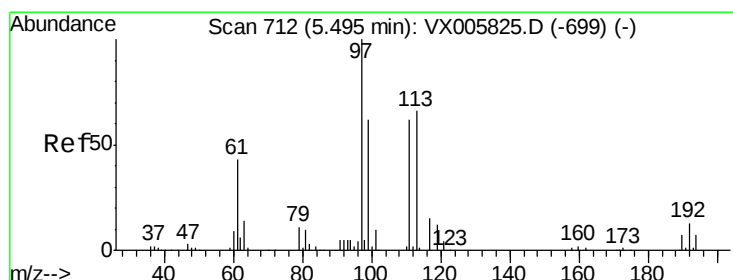
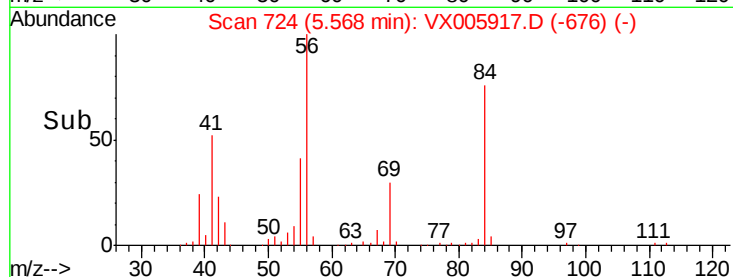
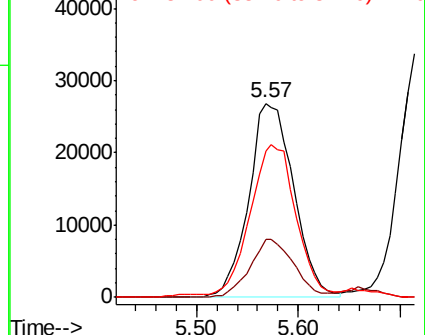
56 100

69 29.6 22.6 34.0

84 73.7 62.7 94.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.998 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

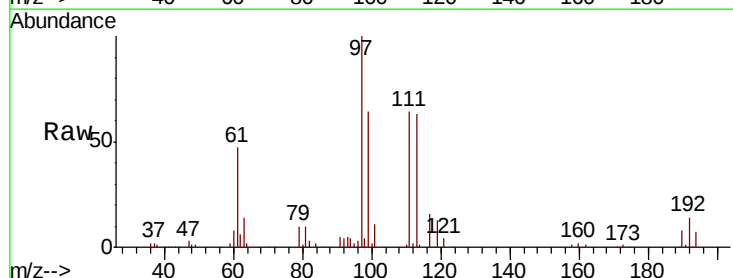
Tgt Ion: 97 Resp: 79896

Ion Ratio Lower Upper

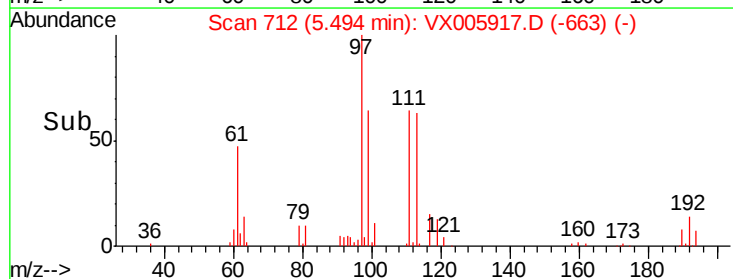
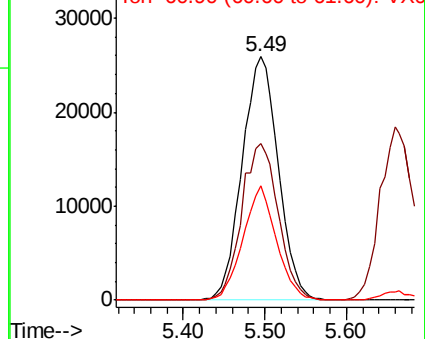
97 100

99 65.1 52.3 78.5

61 43.4 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

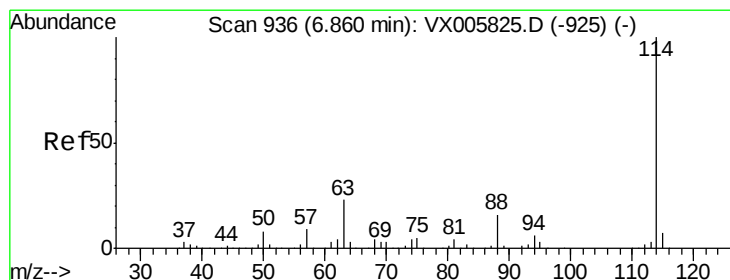
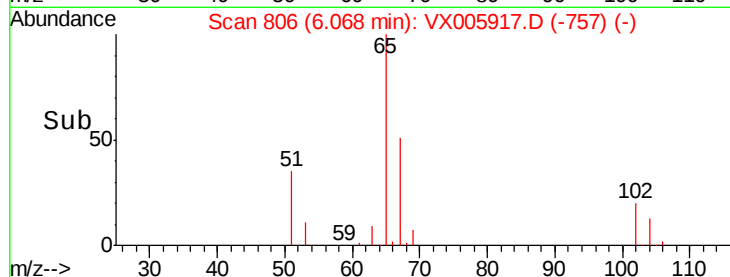
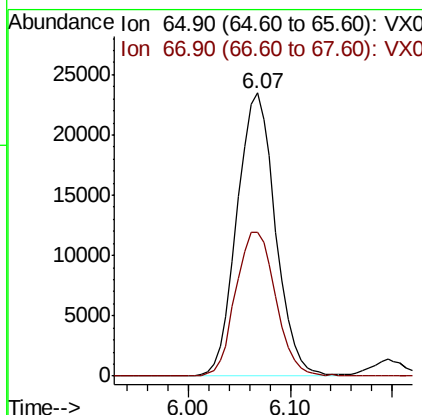
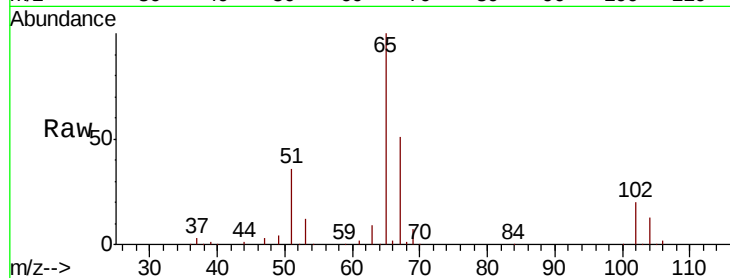




#33
 1,2-Dichloroethane-d4
 Concen: 51.684 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

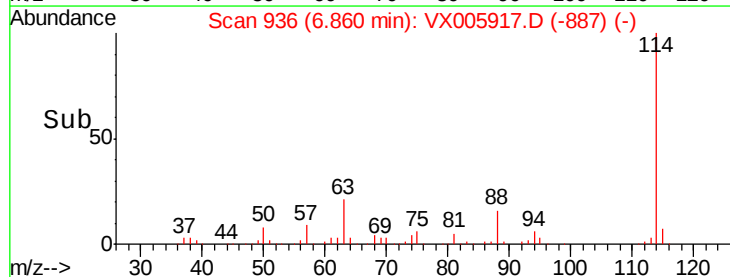
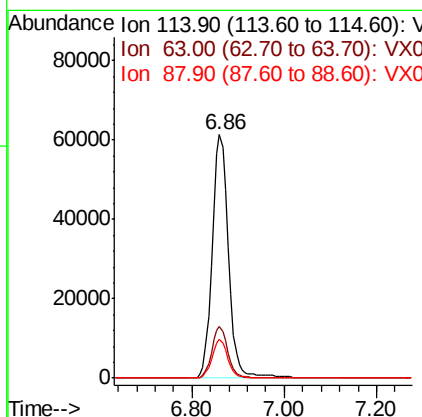
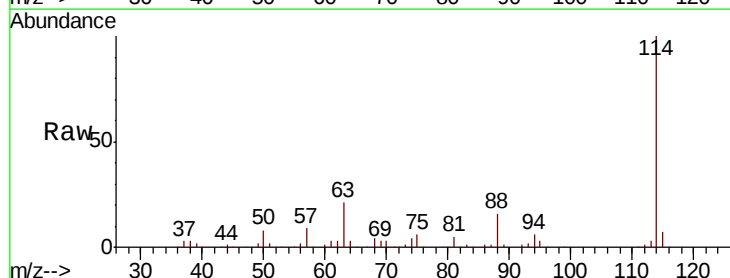
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

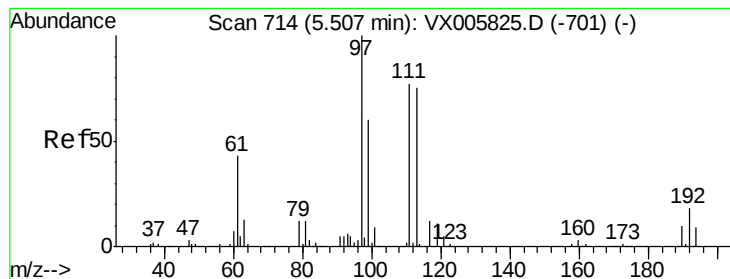
Tot Ion: 65 Resp: 61492
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 114 Resp: 150644
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.950 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

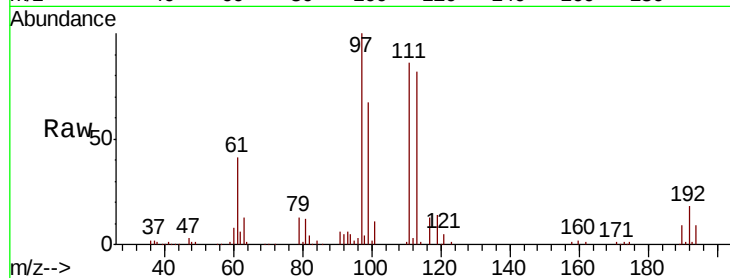
Tot Ion:113 Resp: 49130

Ion Ratio Lower Upper

113 100

111 105.4 82.3 123.5

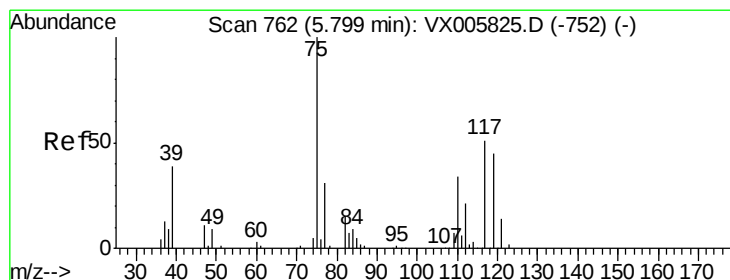
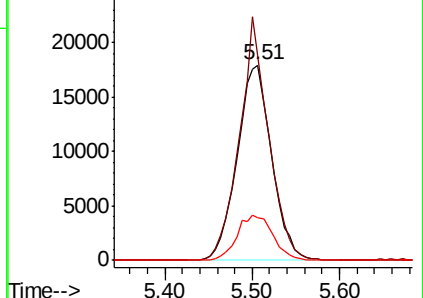
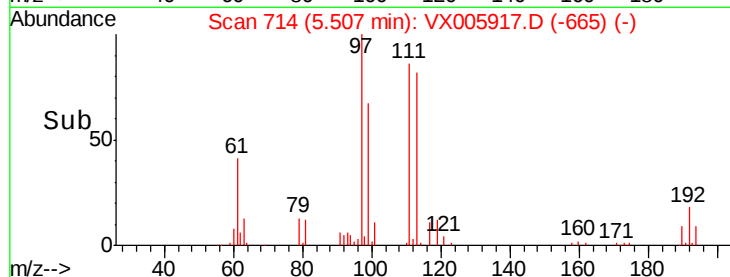
192 24.0 17.9 26.9



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: 46.130 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

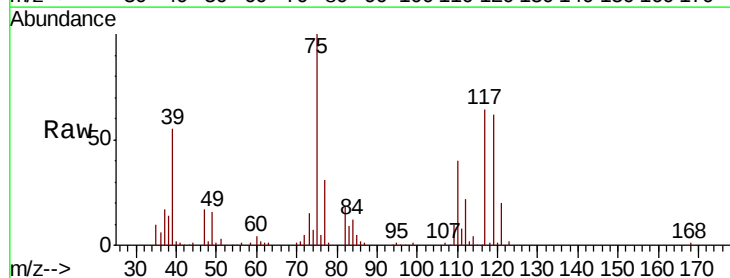
Tgt Ion: 75 Resp: 66992

Ion Ratio Lower Upper

75 100

110 35.9 17.4 52.2

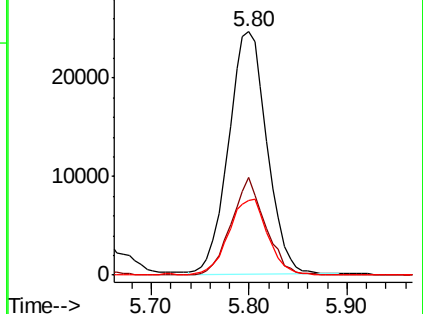
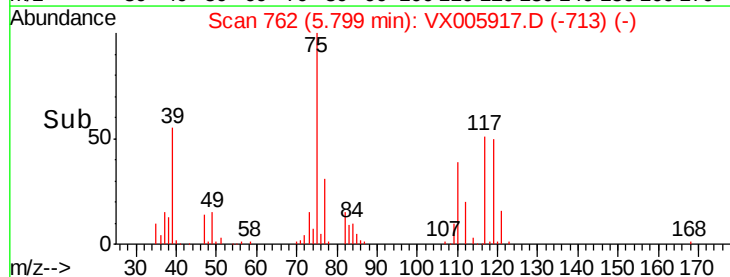
77 32.1 25.8 38.6

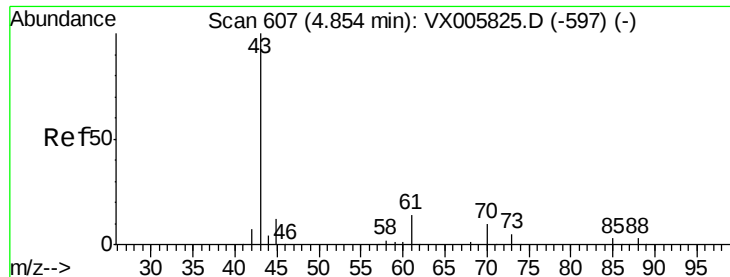


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

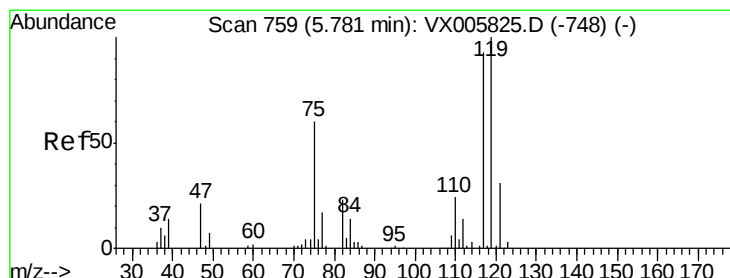
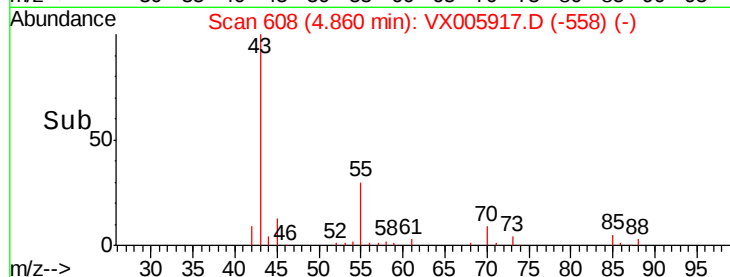
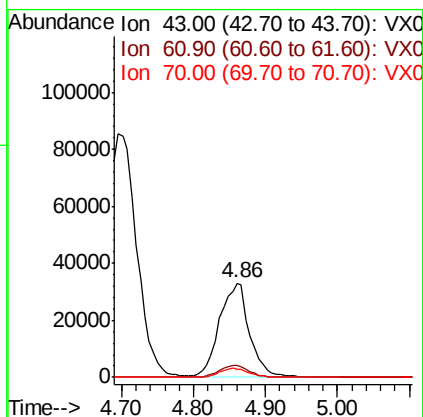
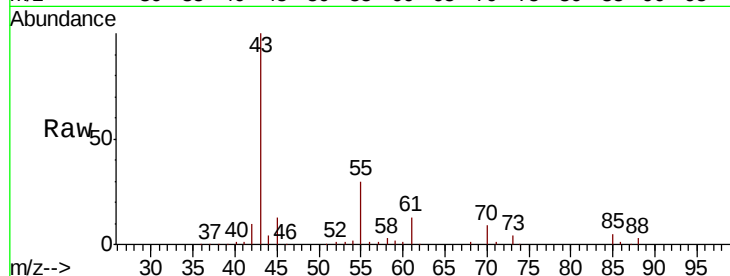




#37
Ethyl Acetate
Concen: 49.753 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

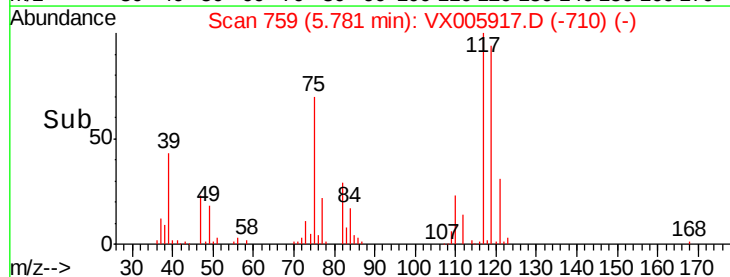
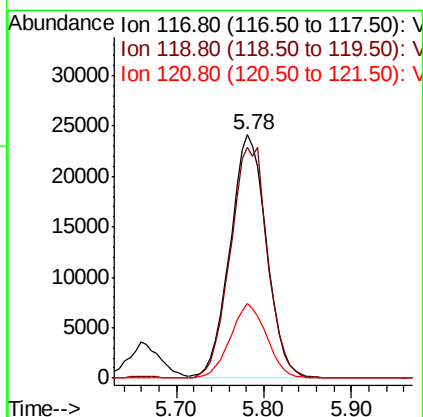
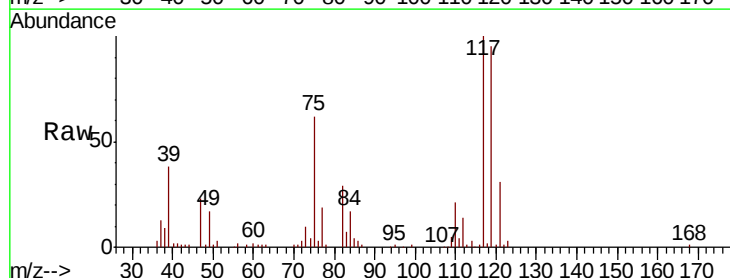
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

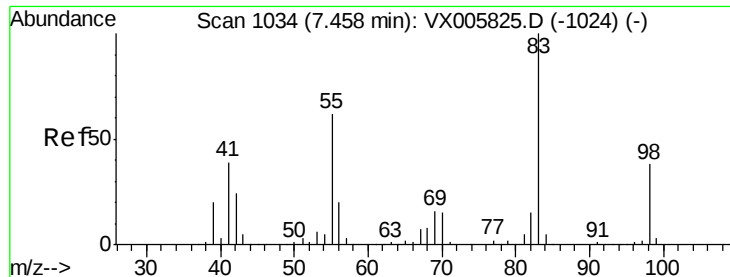
Tot Ion: 43 Resp: 95015
Ion Ratio Lower Upper
43 100
61 12.8 10.8 16.2
70 9.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.041 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion: 117 Resp: 69845
Ion Ratio Lower Upper
117 100
119 94.8 78.1 117.1
121 30.7 24.6 36.8

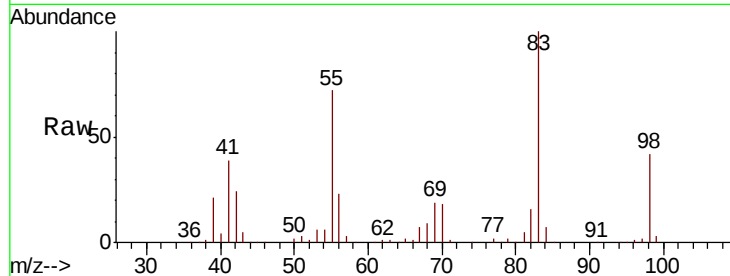




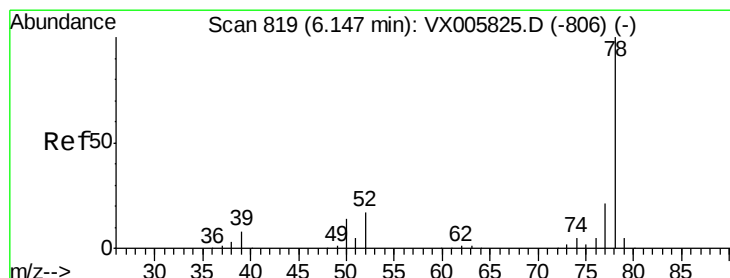
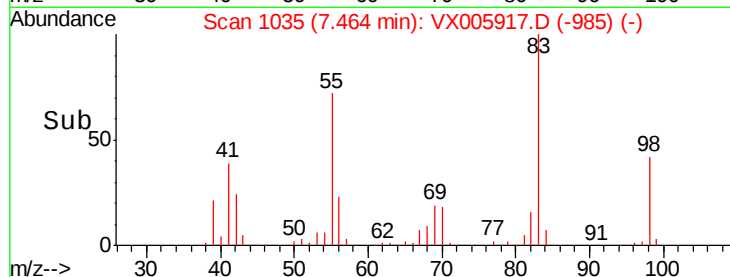
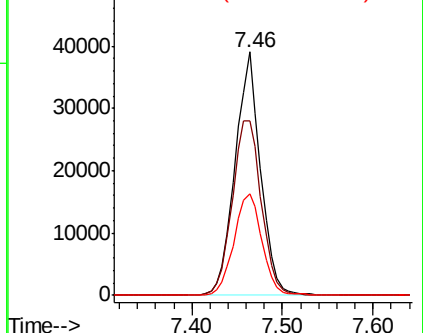
#39
Methvlcvclohexane
Concen: 51.644 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 76014
Ion Ratio Lower Upper
83 100
55 71.6 63.7 95.5
98 41.6 36.2 54.2

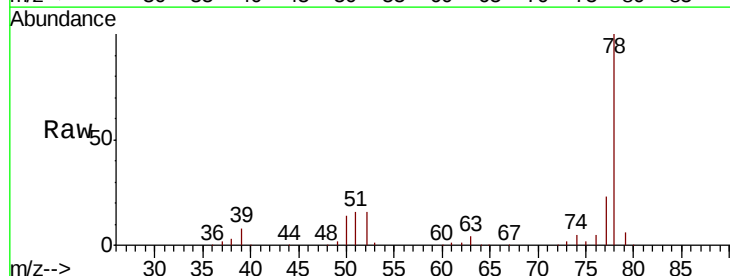


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

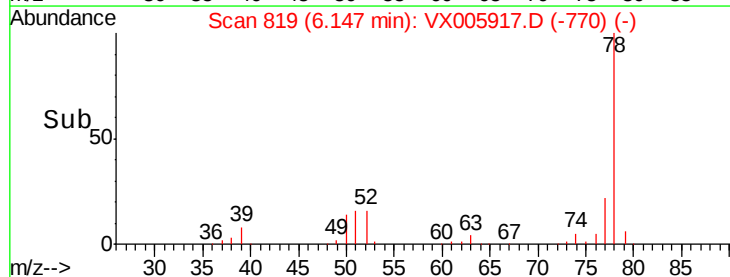
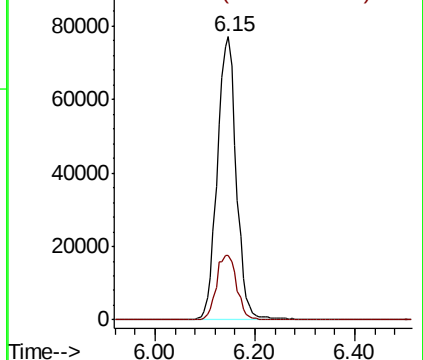


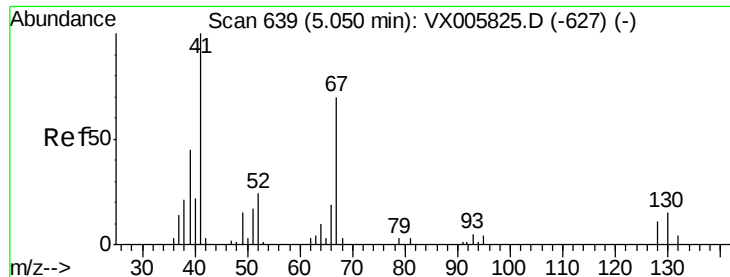
#40
Benzene
Concen: 48.265 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion: 78 Resp: 204335
Ion Ratio Lower Upper
78 100
77 22.8 18.4 27.6



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

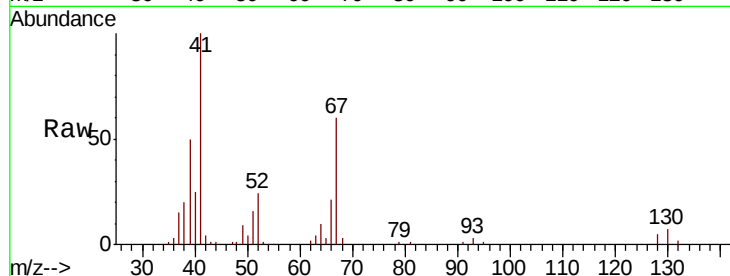




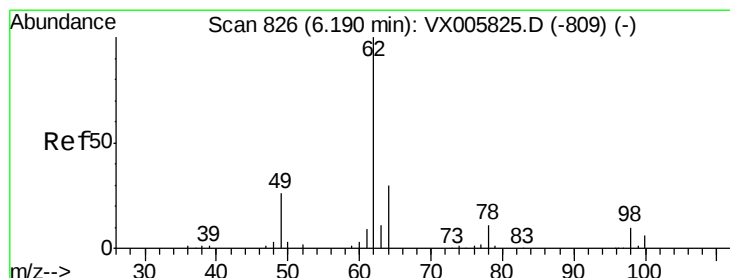
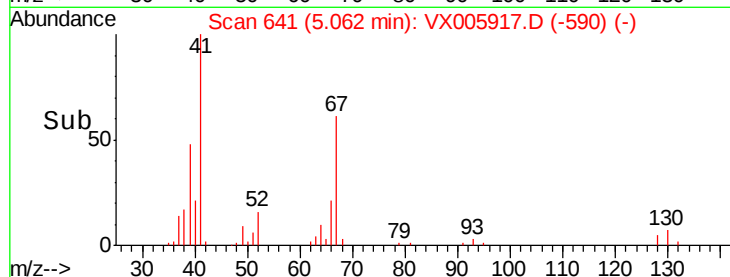
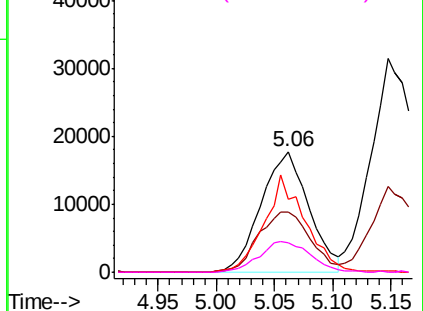
#41
Methacrylonitrile
Concen: 49.016 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	50580
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.2	63.2
67	69.3	53.4	80.0
52	27.5	23.4	35.2

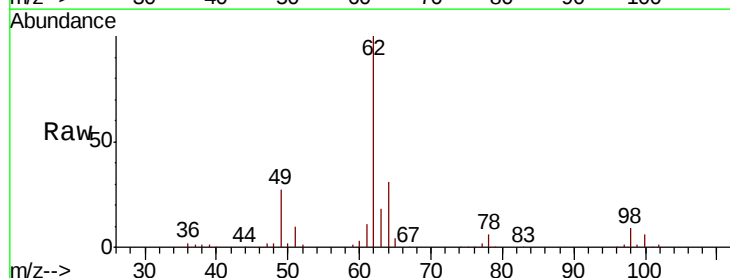


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

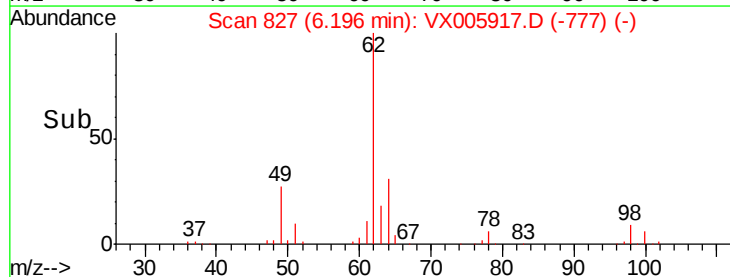
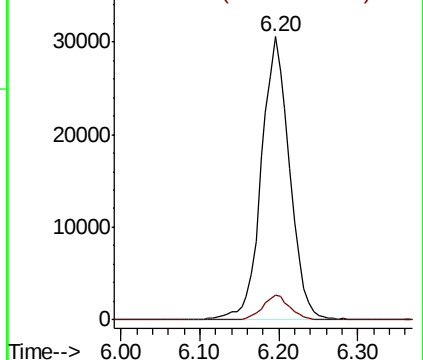


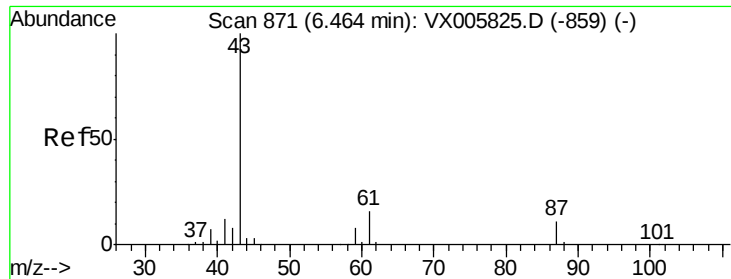
#42
1,2-Dichloroethane
Concen: 50.129 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion:	62	Resp:	76015
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8



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



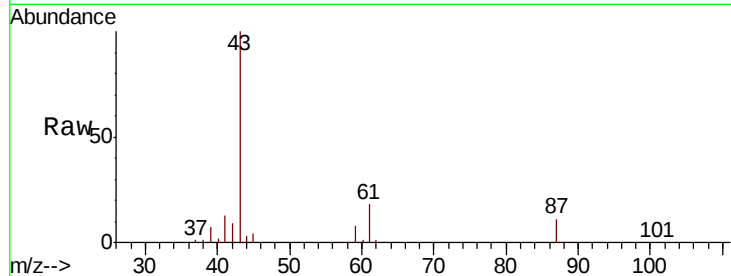


#43

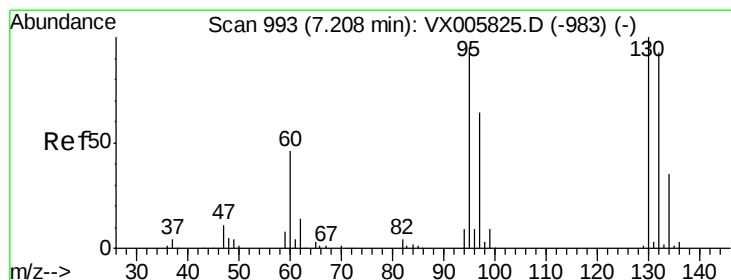
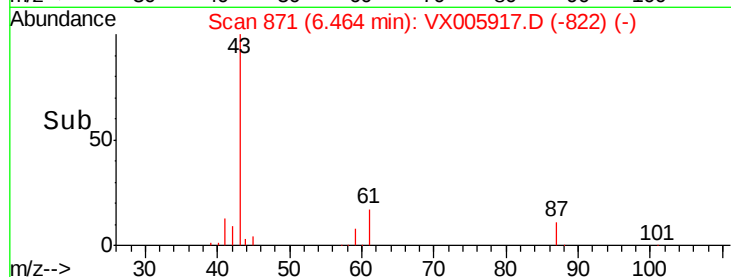
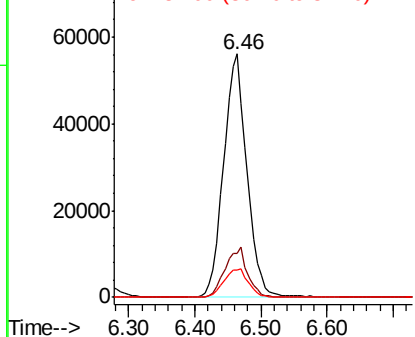
Isopropyl Acetate
 Concen: 49.535 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 137075
 Ion Ratio Lower Upper
 43 100
 61 19.7 14.6 22.0
 87 12.1 9.6 14.4



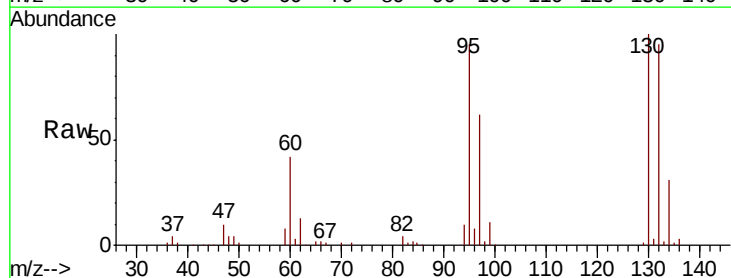
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



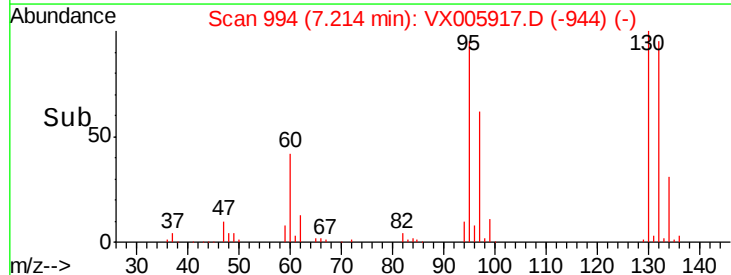
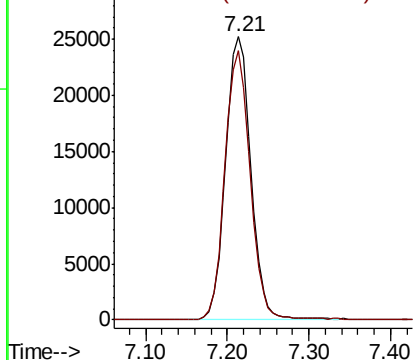
#44

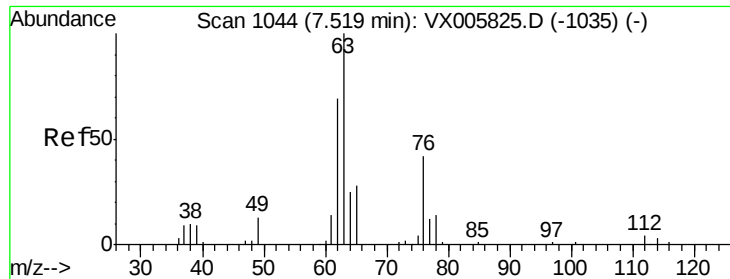
Trichloroethene
 Concen: 50.206 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 130 Resp: 53979
 Ion Ratio Lower Upper
 130 100
 95 95.3 0.0 194.2



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

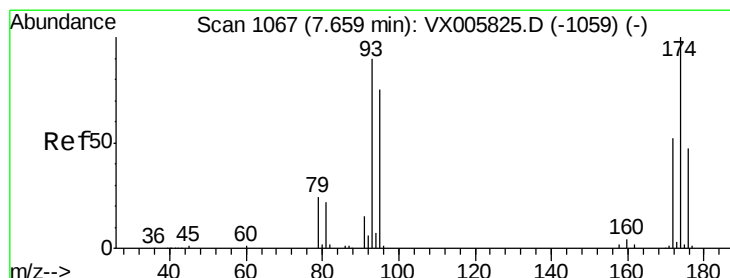
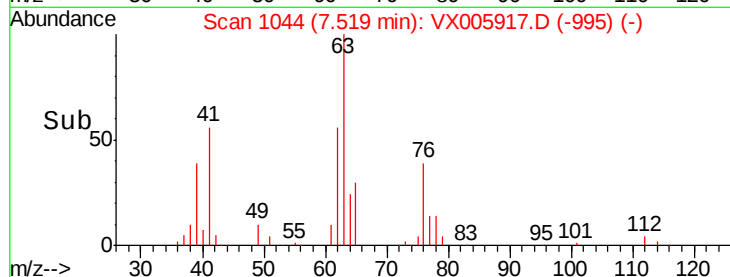
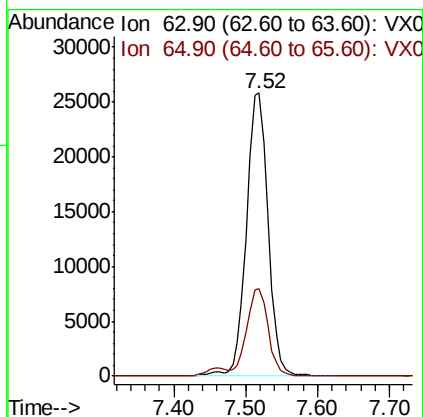
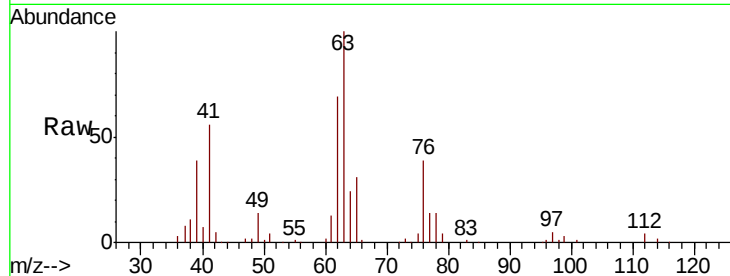




#45
 1,2-Dichloropropane
 Concen: 52.630 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

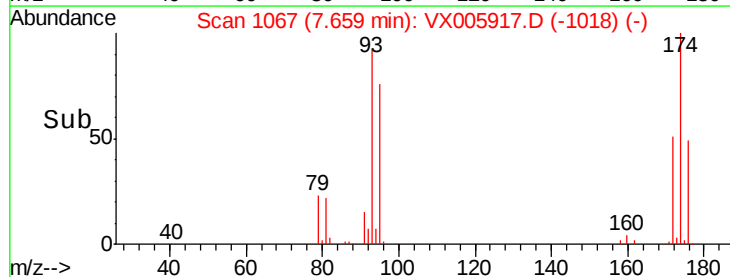
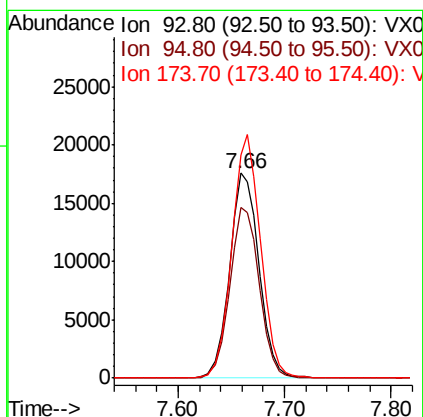
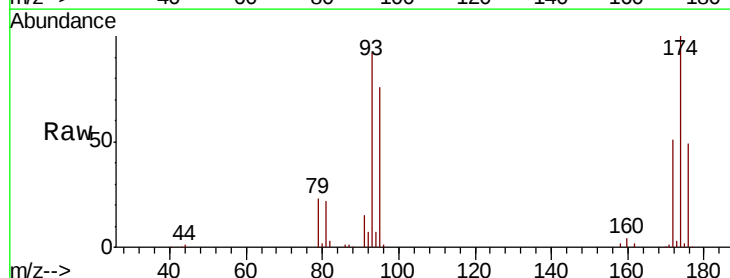
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

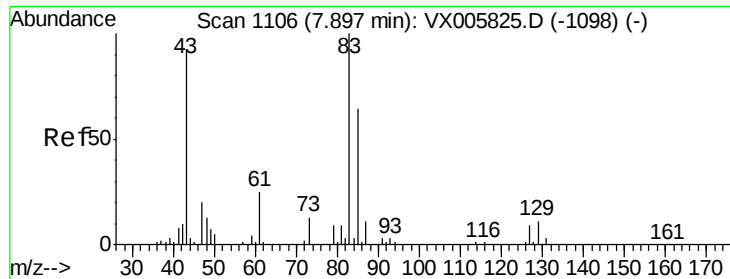
Tot Ion: 63 Resp: 54081
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 52.677 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 93 Resp: 33967
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.4 101.0
 174 116.1 91.5 137.3





#47

Bromodichloromethane

Concen: 56.761 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

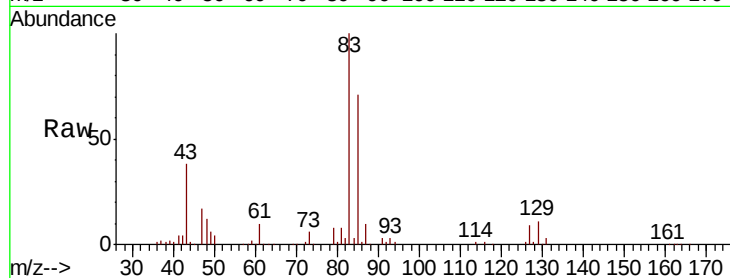
Tot Ion: 83 Resp: 69169

Ion Ratio Lower Upper

83 100

85 71.1 50.2 75.4

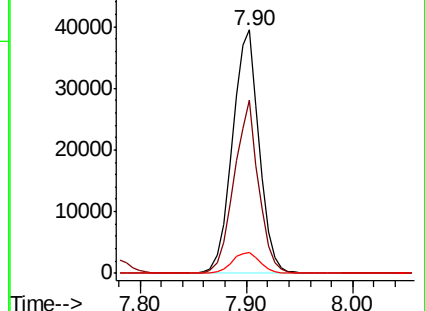
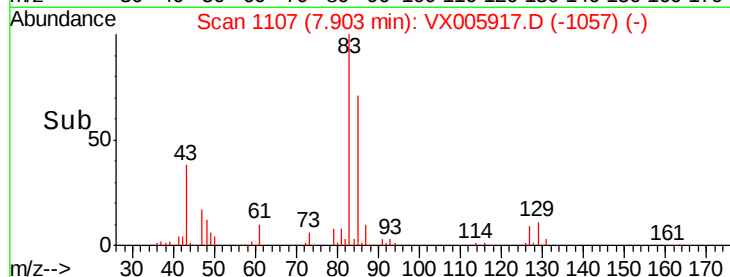
127 8.8 6.9 10.3



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: 56.644 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

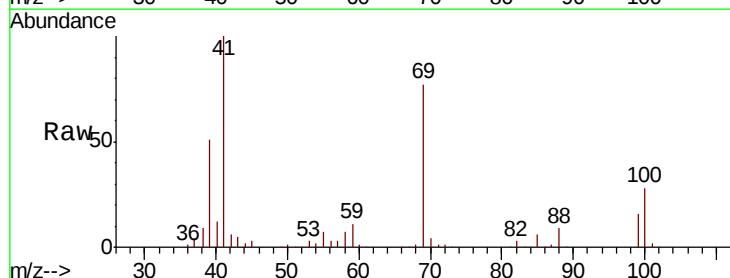
Tgt Ion: 41 Resp: 70382

Ion Ratio Lower Upper

41 100

69 78.0 63.2 94.8

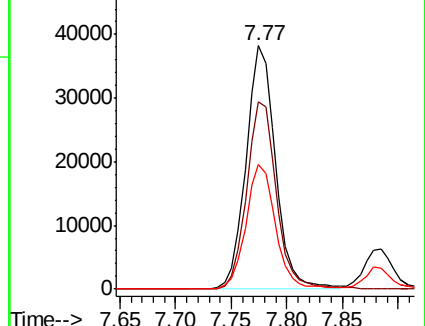
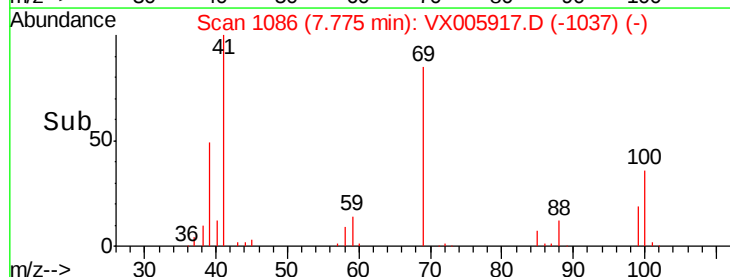
39 51.6 42.2 63.2

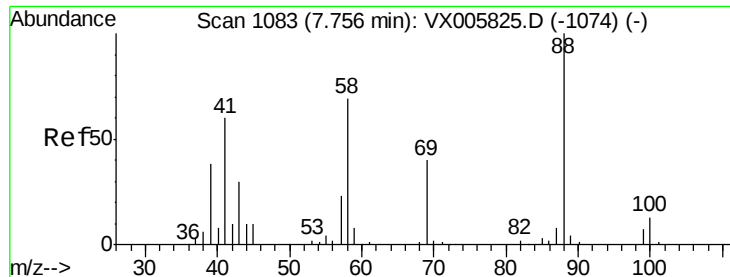


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

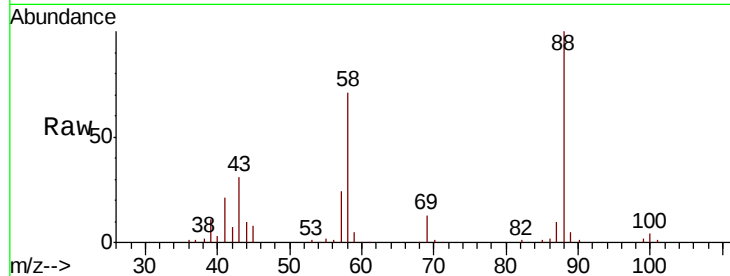




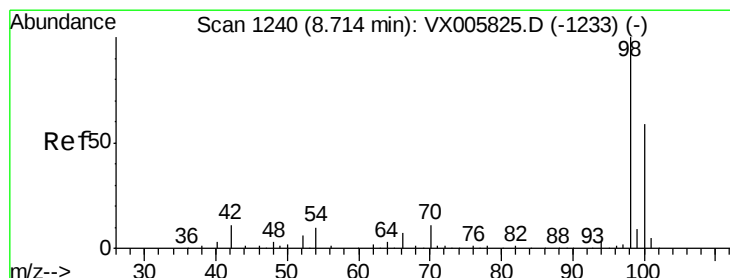
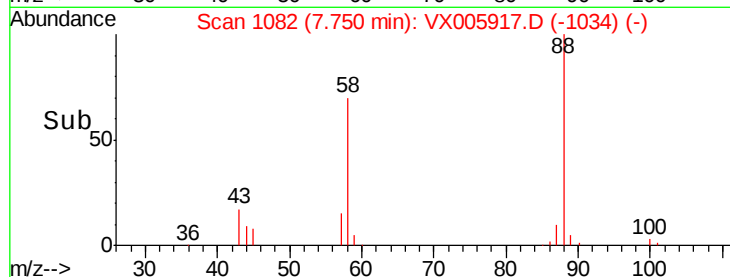
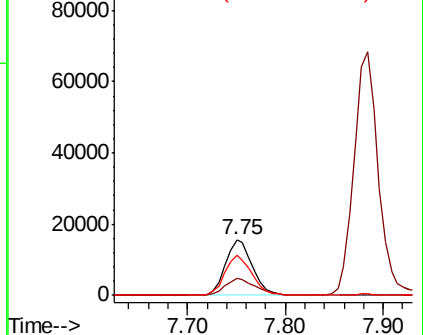
#49
 1,4-Dioxane
 Concen: 1094.683 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 29310
 Ion Ratio Lower Upper
 88 100
 43 35.3 27.4 41.0
 58 73.6 59.4 89.2

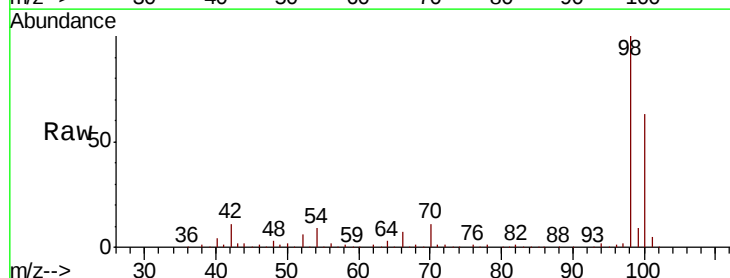


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

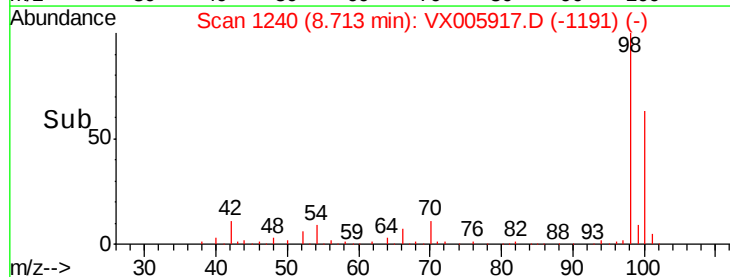
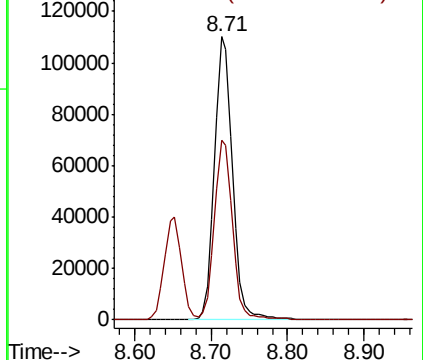


#50
 Toluene-d8
 Concen: 52.922 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 98 Resp: 180273
 Ion Ratio Lower Upper
 98 100
 100 64.0 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: 268.623 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

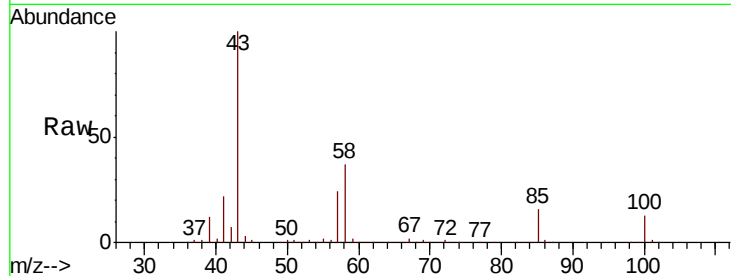
VSTDCCC050EC

Tot Ion: 43 Resp: 468483

Ion Ratio Lower Upper

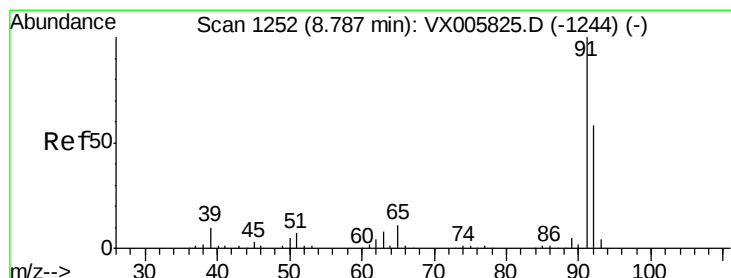
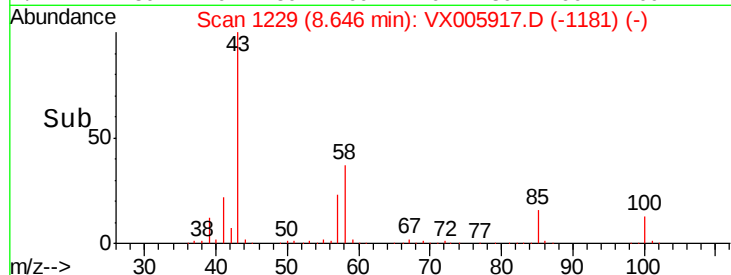
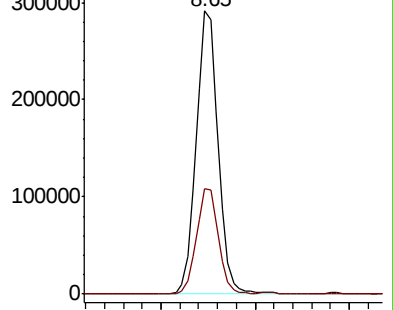
43 100

58 37.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.080 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005917.D

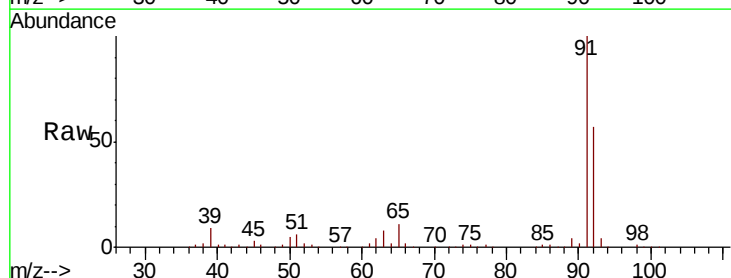
Acq: 12 Nov 2018 22:40

Tgt Ion: 92 Resp: 123227

Ion Ratio Lower Upper

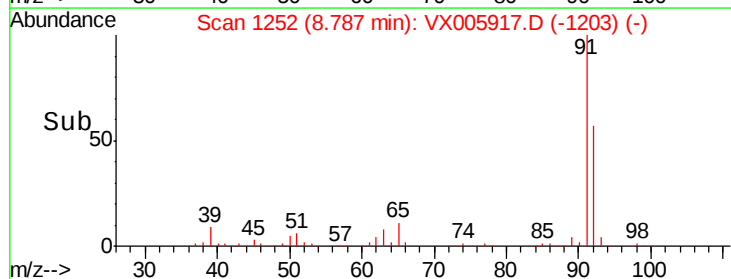
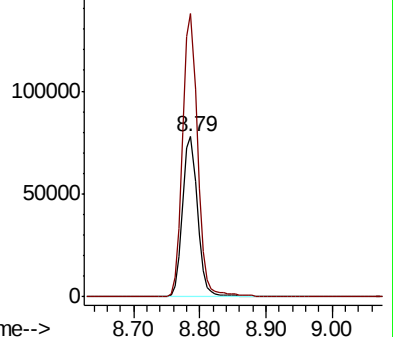
92 100

91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

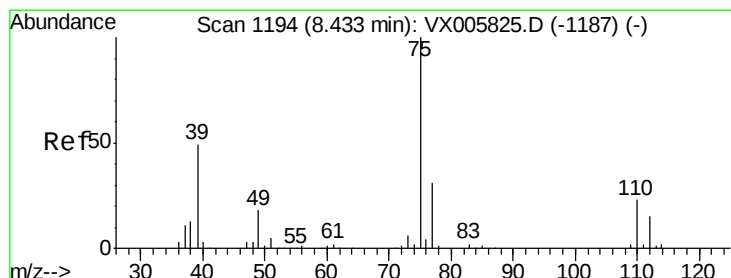
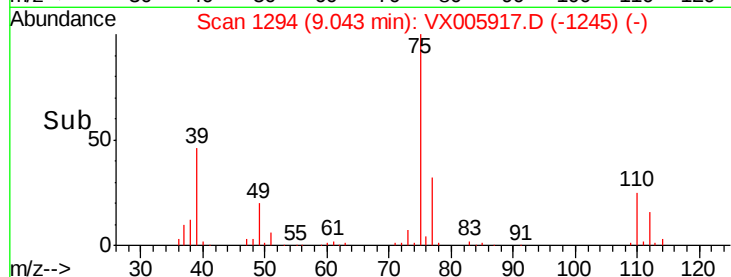
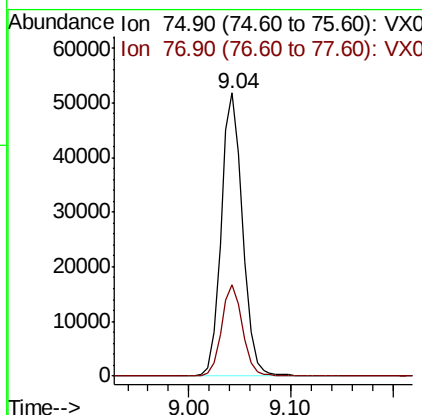
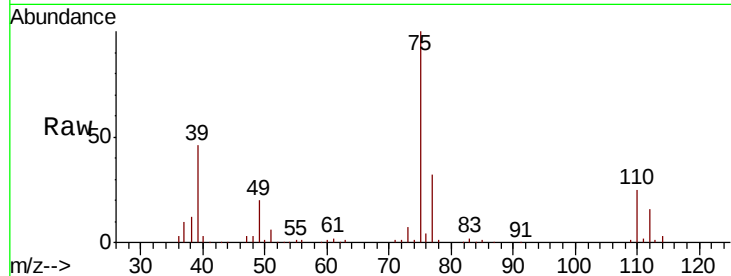




#53
 t-1,3-Dichloropropene
 Concen: 52.476 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

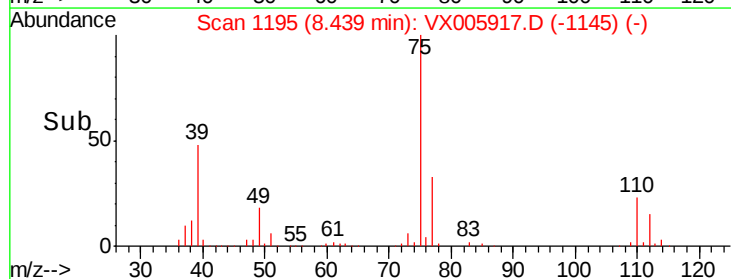
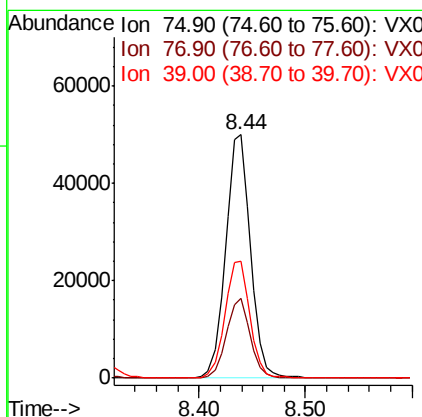
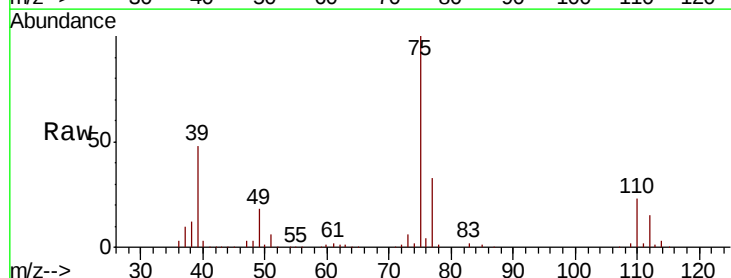
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

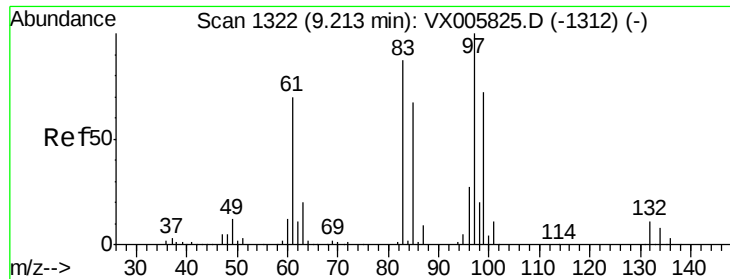
Tot Ion: 75 Resp: 75465
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 55.489 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 75 Resp: 81334
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.2 37.8
 39 47.9 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 48.869 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 51533

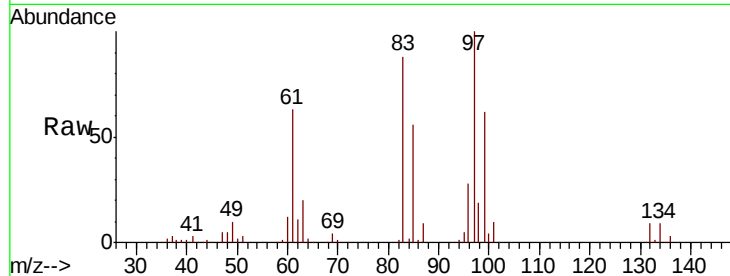
Ion Ratio Lower Upper

97 100

83 87.8 70.7 106.1

85 56.2 45.8 68.6

99 61.8 51.8 77.8



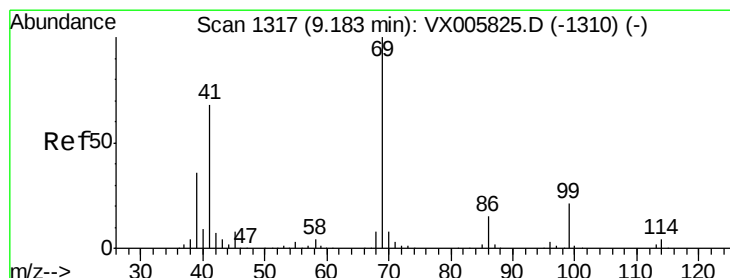
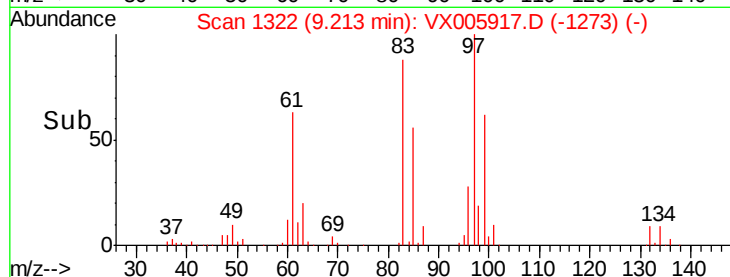
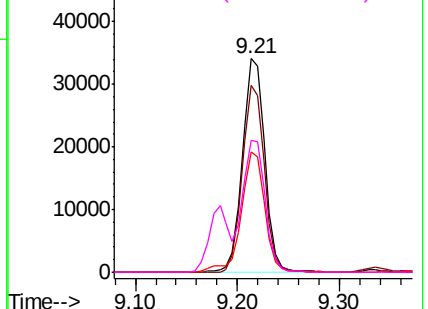
Abundance

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: 52.276 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

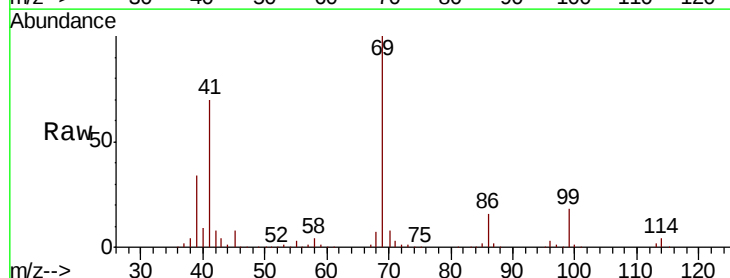
Tgt Ion: 69 Resp: 82483

Ion Ratio Lower Upper

69 100

41 71.5 57.0 85.6

39 34.1 28.3 42.5

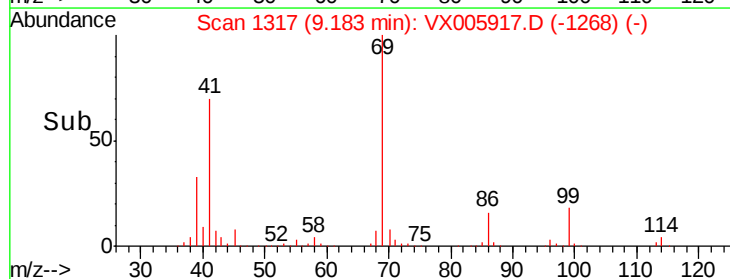
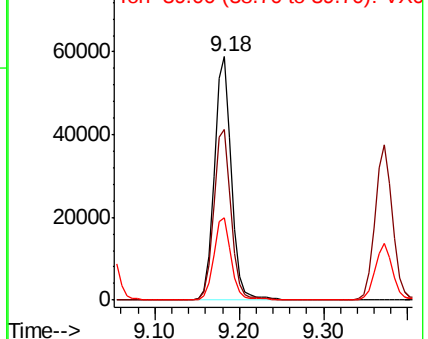


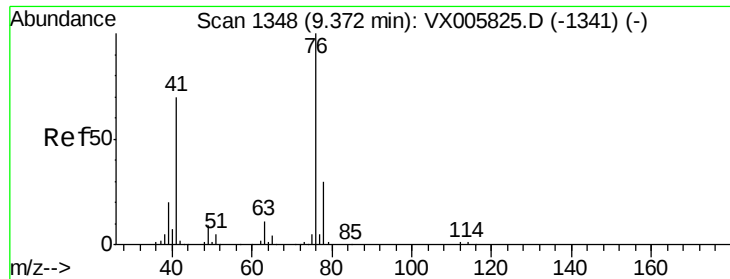
Abundance

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

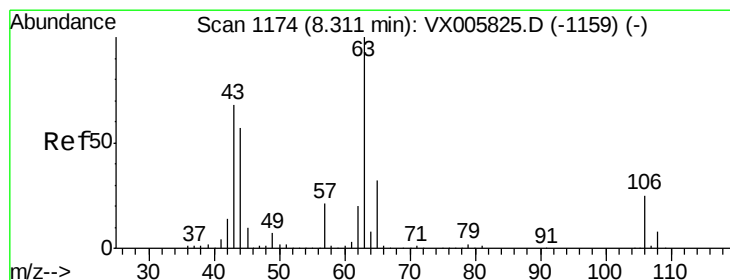
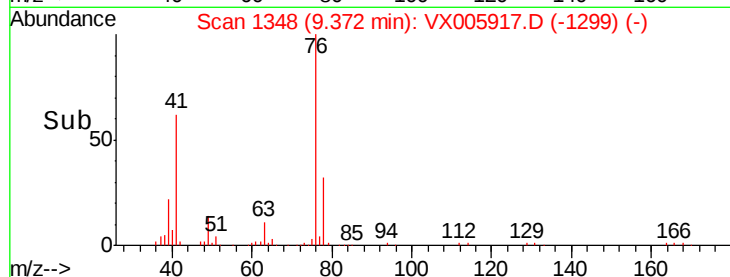
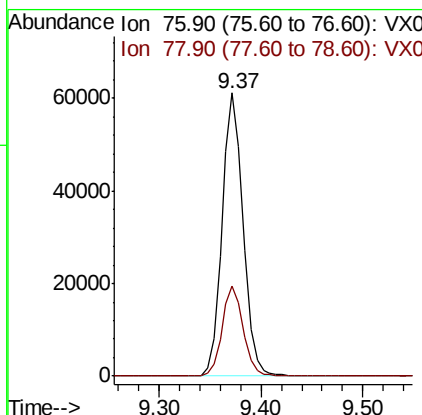
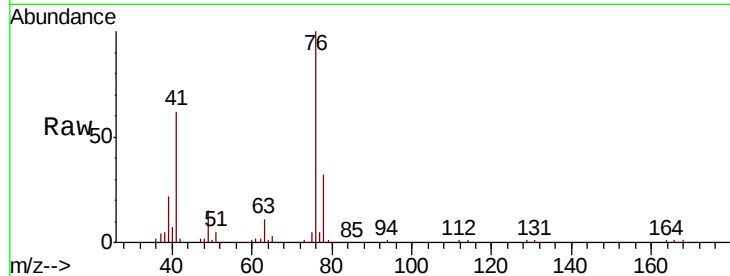




#57
 1,3-Dichloropropane
 Concen: 49.421 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

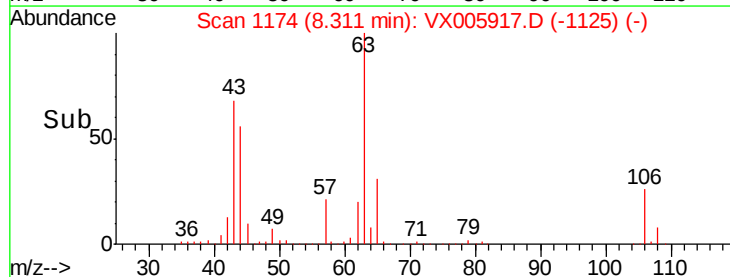
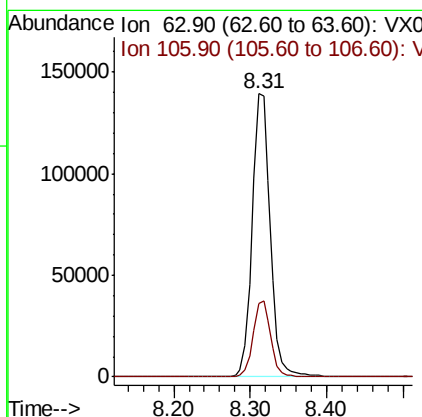
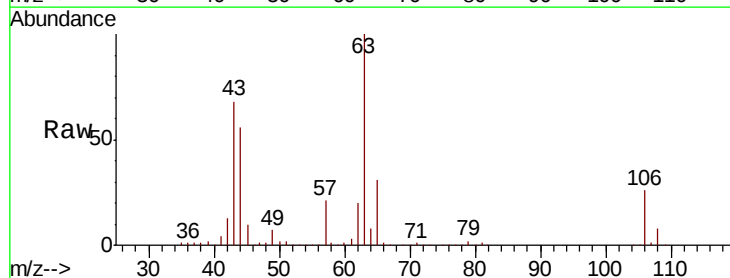
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

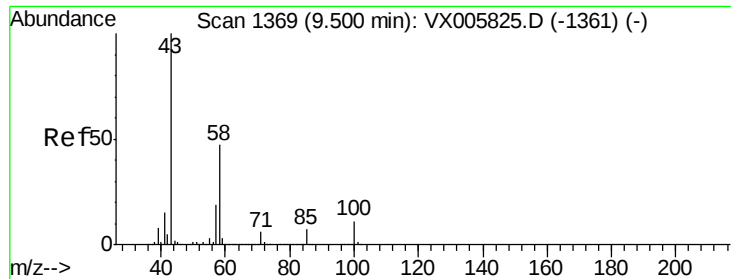
Tot Ion: 76 Resp: 87580
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.298 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 63 Resp: 229434
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.3 31.9

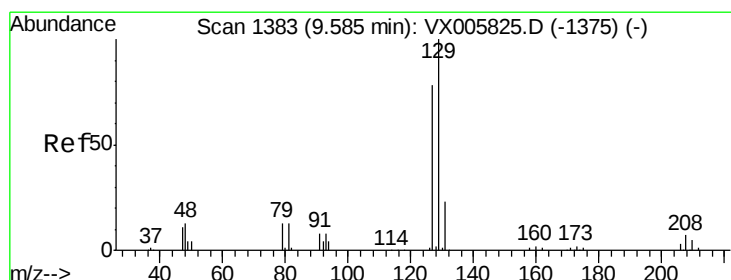
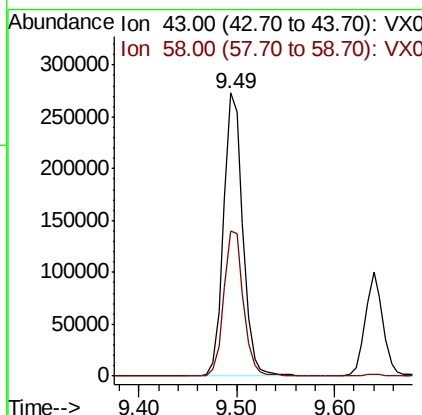
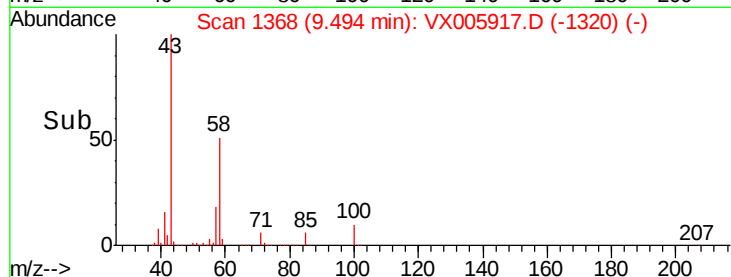
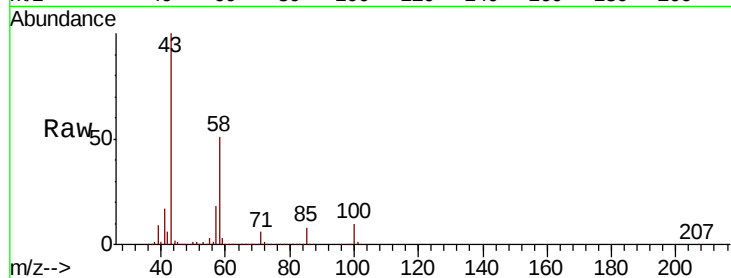




#59
2-Hexanone
Concen: 242.912 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

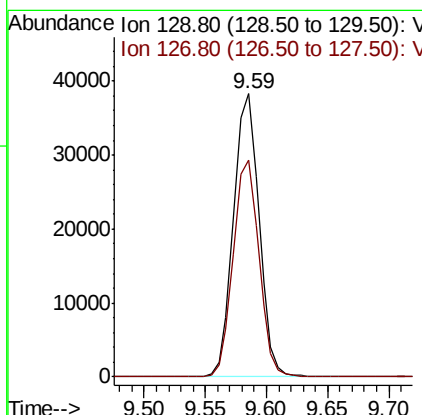
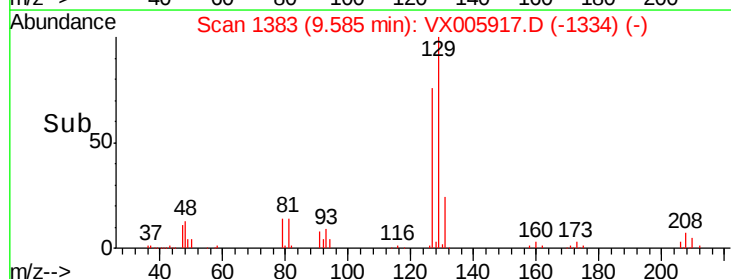
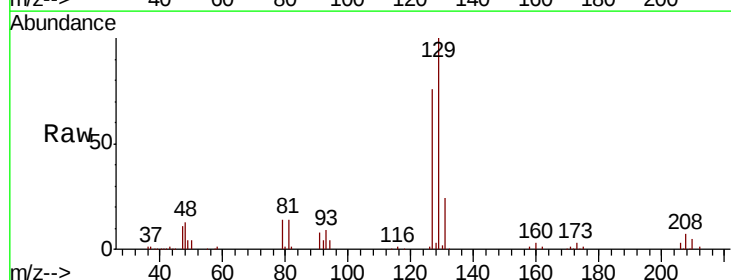
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

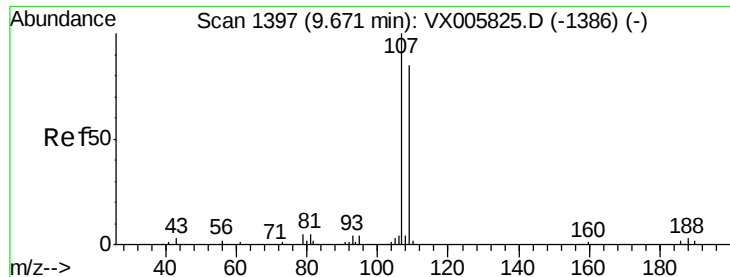
Tot Ion: 43 Resp: 373421
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 48.584 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion: 129 Resp: 55369
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 46.027 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

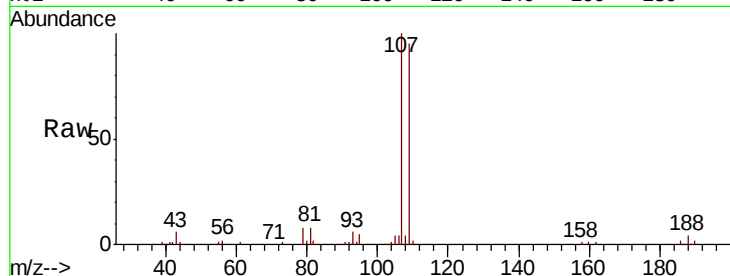
VSTDCCC050EC

Tot Ion:107 Resp: 53670

Ion Ratio Lower Upper

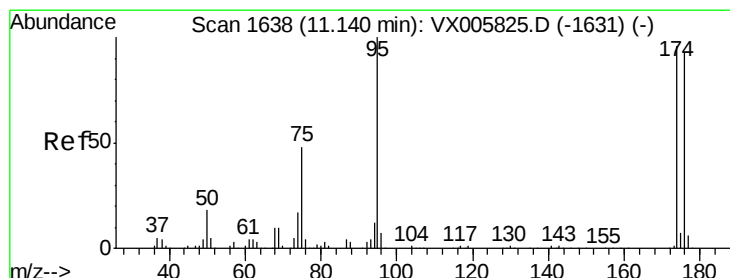
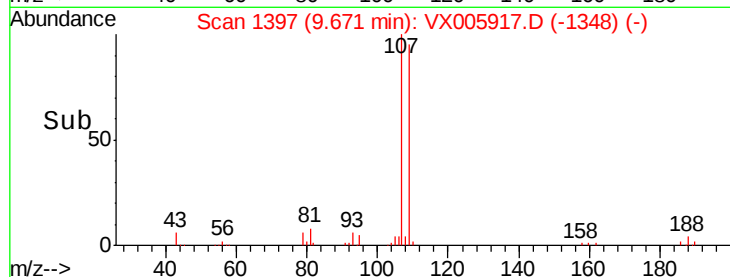
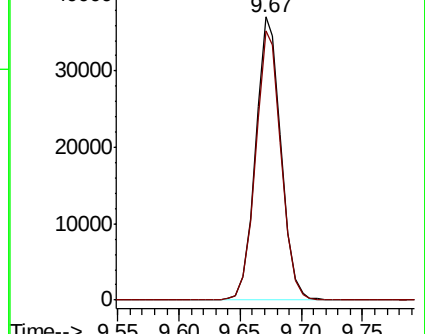
107 100

109 95.9 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: 55.410 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

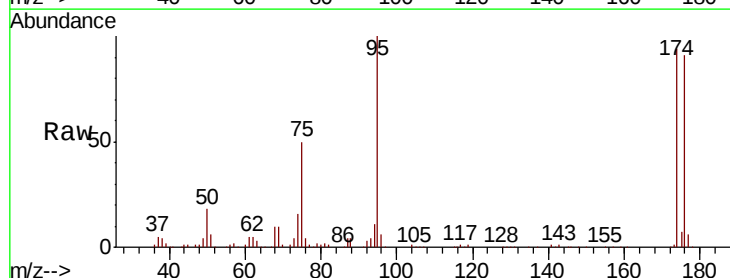
Tgt Ion: 95 Resp: 67862

Ion Ratio Lower Upper

95 100

174 90.9 0.0 184.4

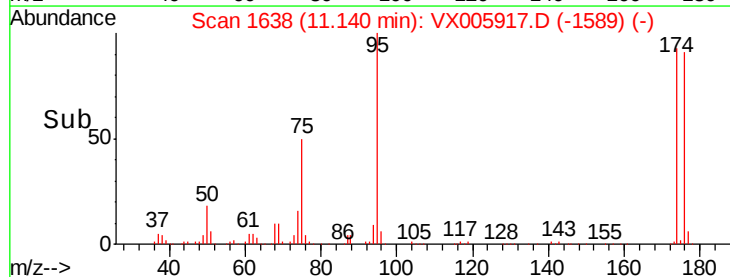
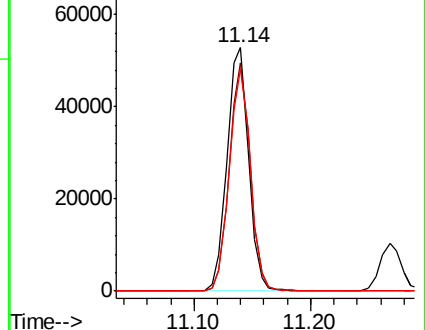
176 89.8 0.0 177.4

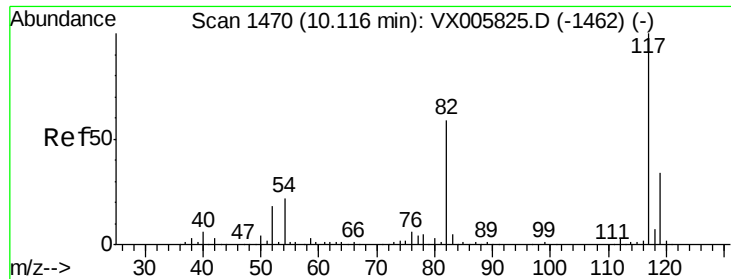


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

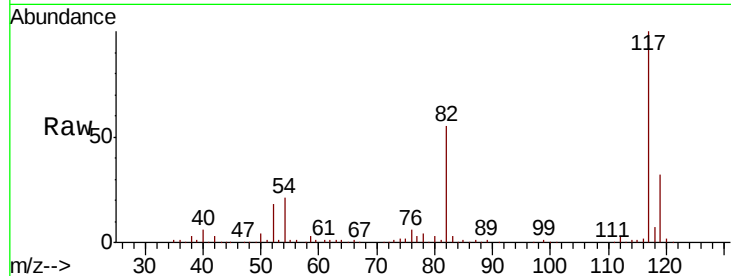




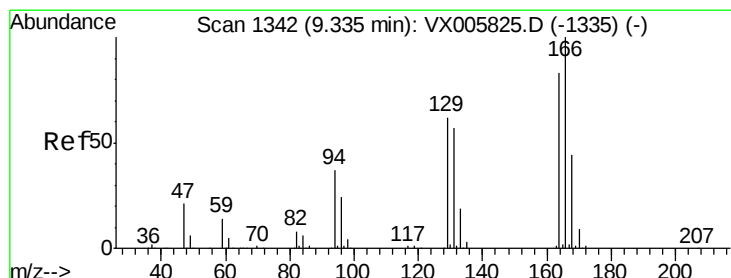
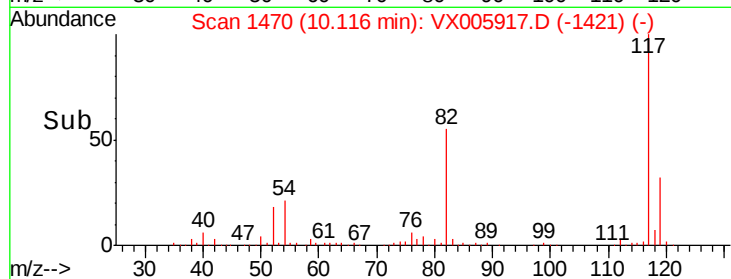
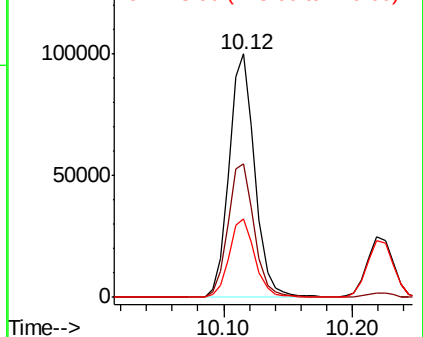
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 139915
Ion Ratio Lower Upper
117 100
82 54.6 44.1 66.1
119 32.2 26.2 39.2

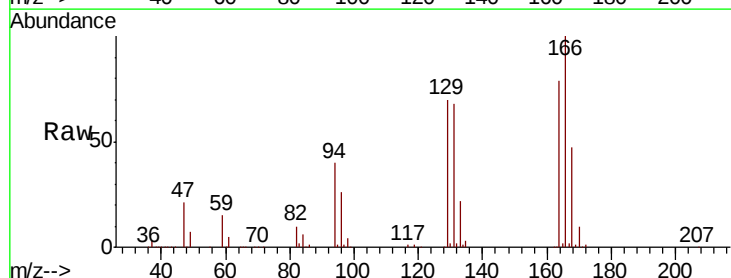


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

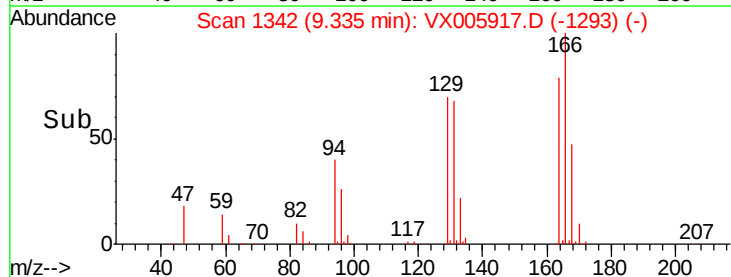
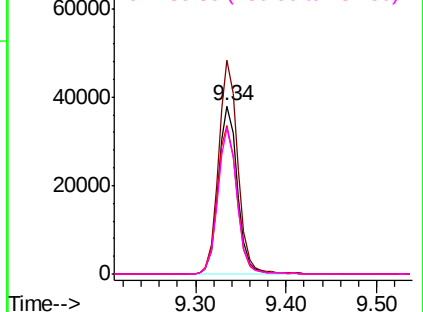


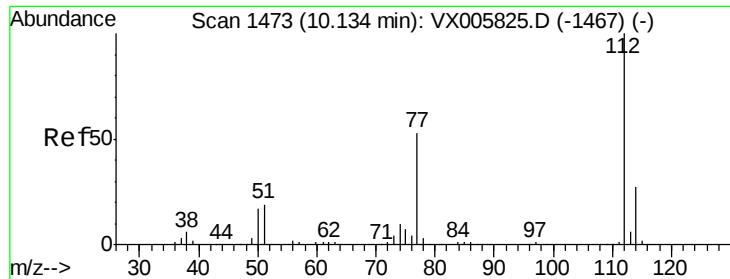
#64
Tetrachloroethene
Concen: 47.251 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion:164 Resp: 56287
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 88.8 72.6 109.0
131 87.1 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: 49.770 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

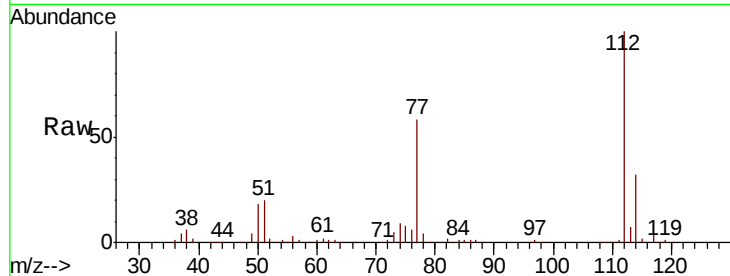
VSTDCCC050EC

Tot Ion:112 Resp: 139503

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

120000

100000

80000

60000

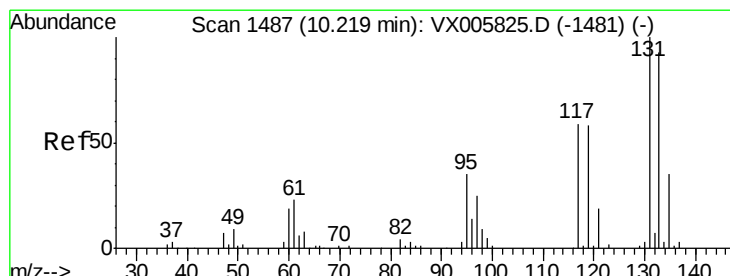
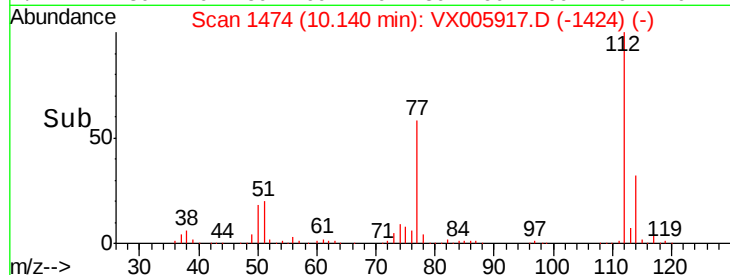
40000

20000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 53.563 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

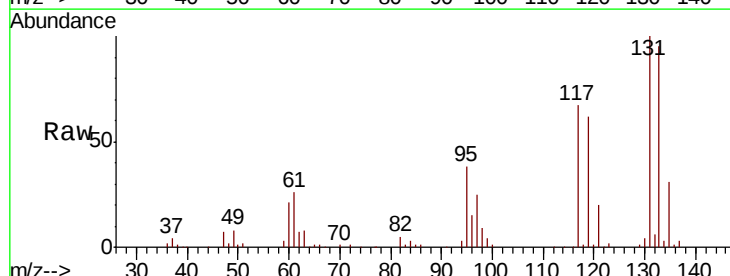
Tgt Ion:131 Resp: 52195

Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.5

119 62.7 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

50000

40000

30000

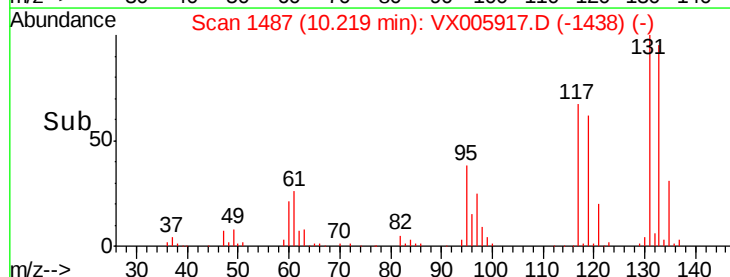
20000

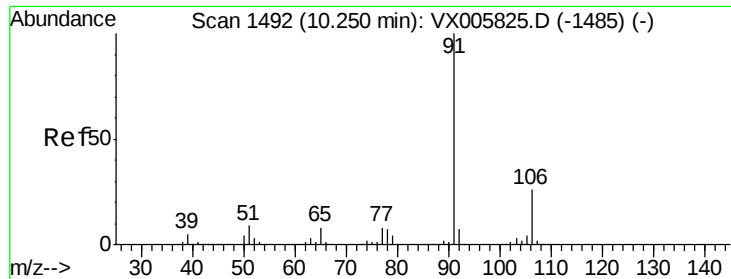
10000

0

Time-->

10.15 10.20 10.25 10.30





#67

Ethyl Benzene

Concen: 53.900 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

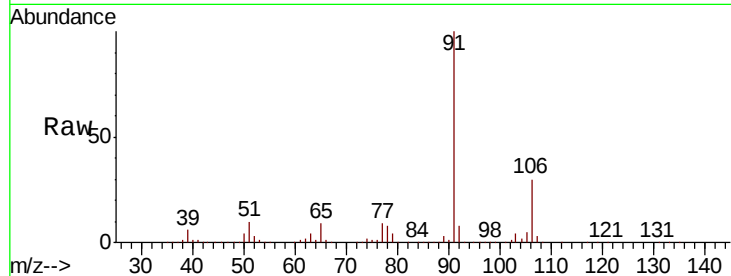
VSTDCCC050EC

Tot Ion: 91 Resp: 242260

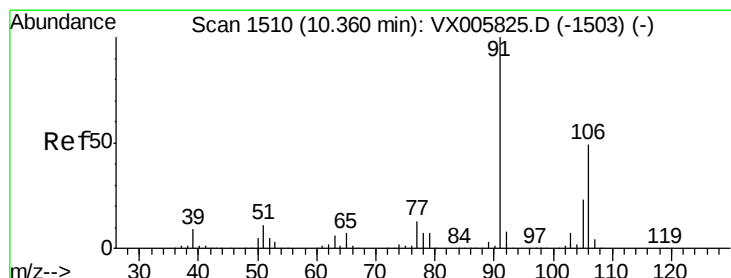
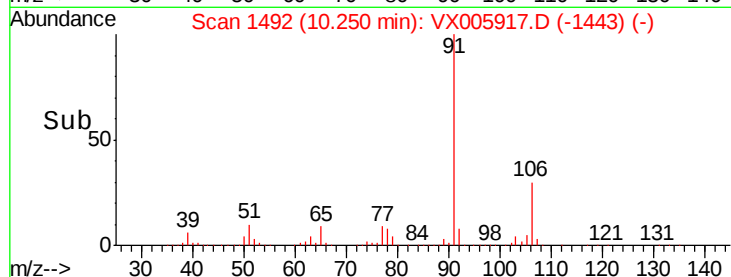
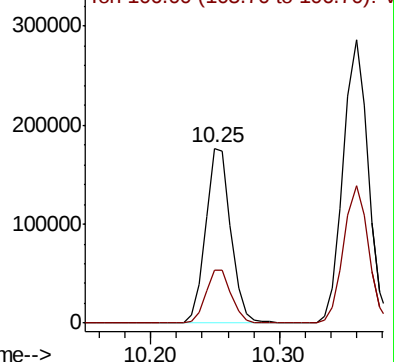
Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



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



#68

m/p-Xylenes

Concen: 108.248 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005917.D

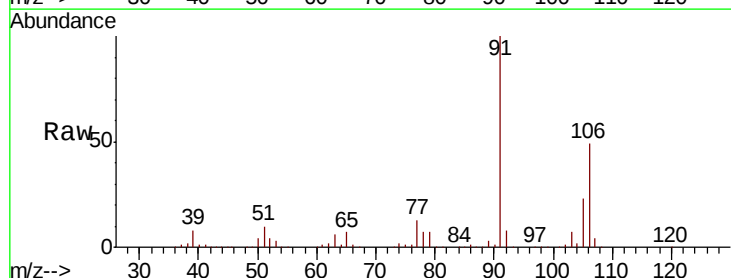
Acq: 12 Nov 2018 22:40

Tgt Ion: 106 Resp: 185581

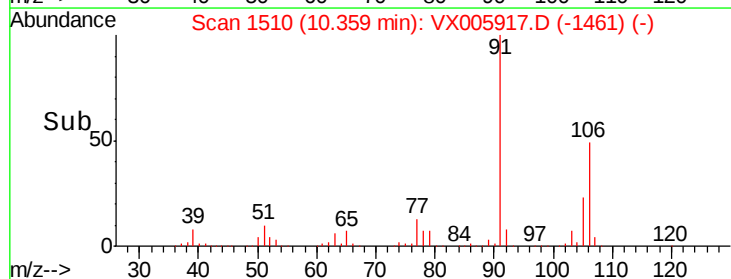
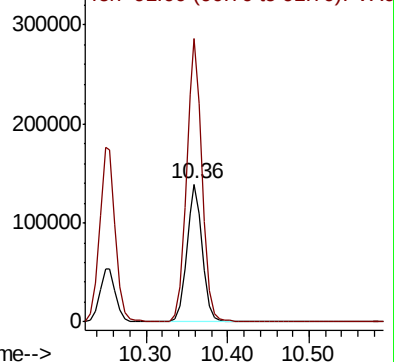
Ion Ratio Lower Upper

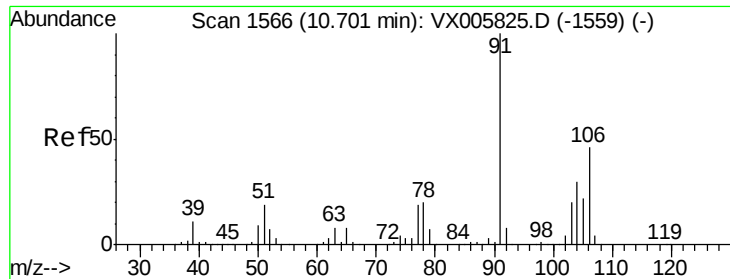
106 100

91 206.4 164.2 246.4



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

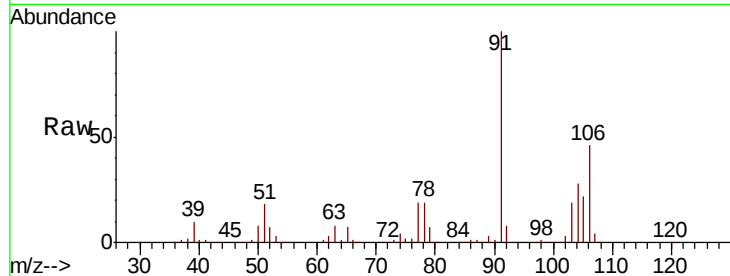




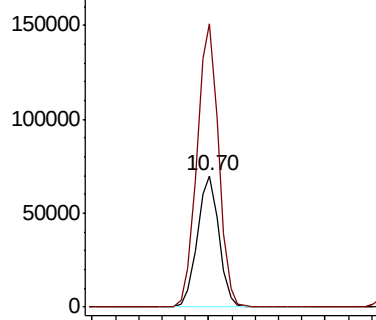
#69
o-Xylene
Concen: 58.211 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

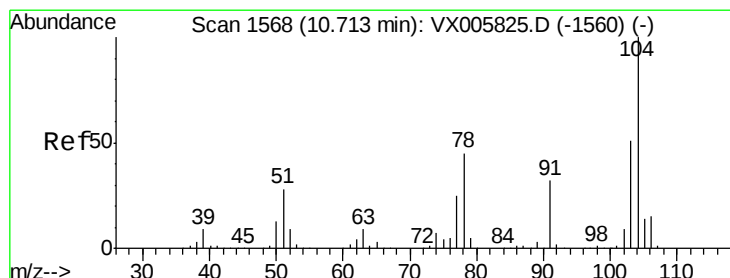
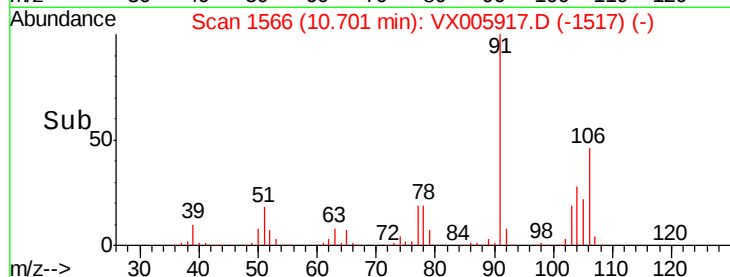
Tot Ion:106 Resp: 89488
Ion Ratio Lower Upper
106 100
91 216.9 108.5 325.5



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

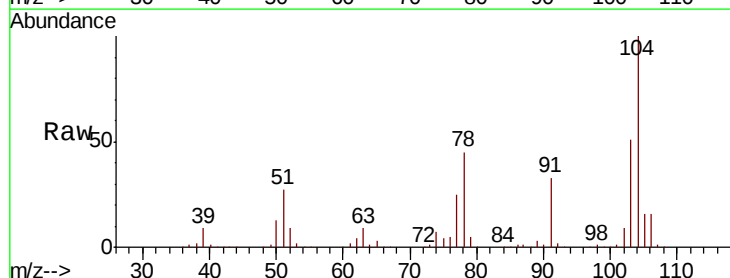


Time--> 10.60 10.70 10.80

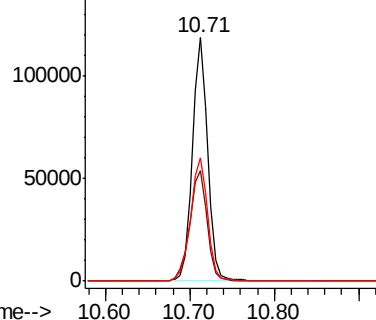


#70
Styrene
Concen: 59.114 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

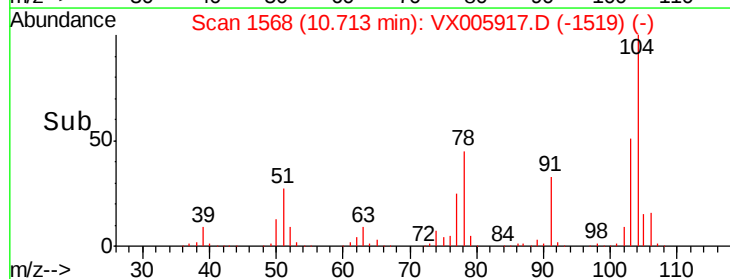
Tgt Ion:104 Resp: 149912
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.4
103 56.1 44.9 67.3

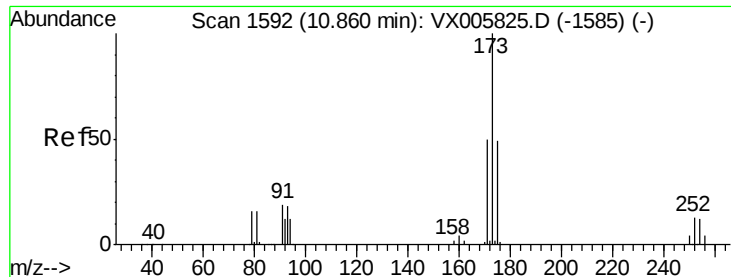


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 56.948 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

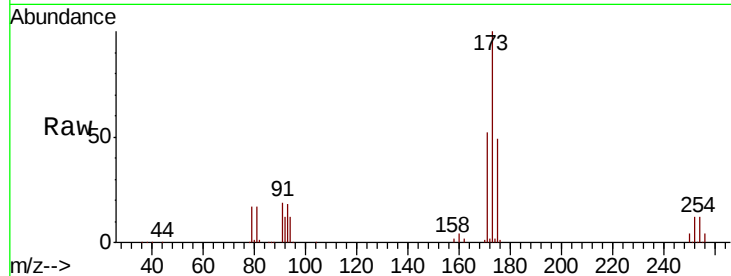
Tot Ion:173 Resp: 46520

Ion Ratio Lower Upper

173 100

175 48.4 24.8 74.3

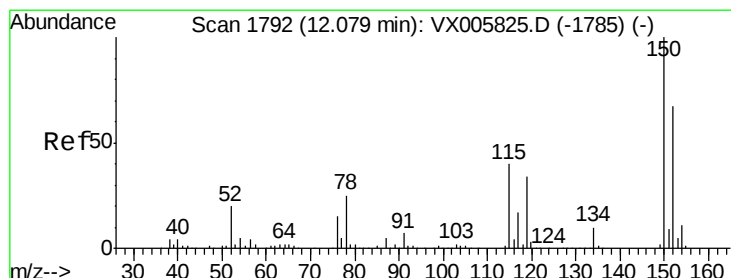
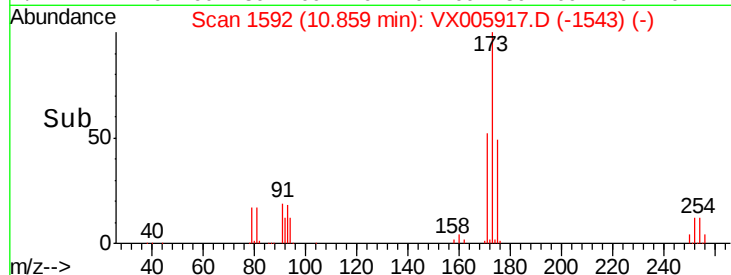
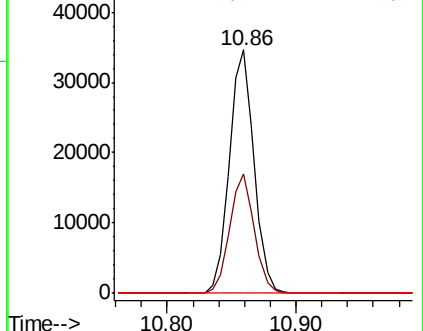
254 0.2 0.2 0.2#



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: VX005917.D

Acq: 12 Nov 2018 22:40

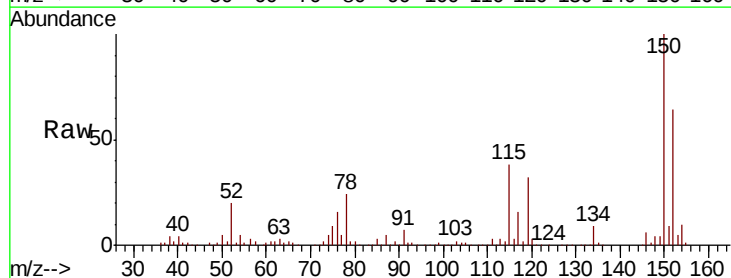
Tgt Ion:152 Resp: 78956

Ion Ratio Lower Upper

152 100

115 78.1 39.4 118.1

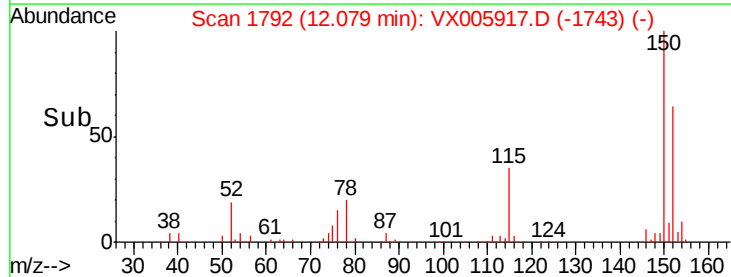
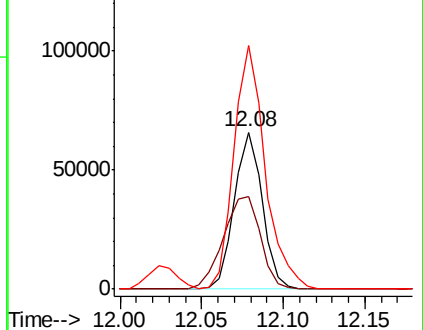
150 172.9 0.0 346.4

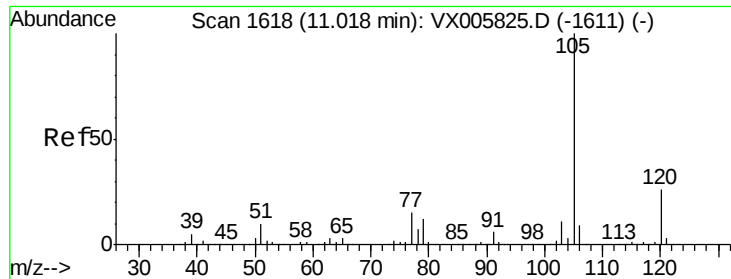


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.047 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

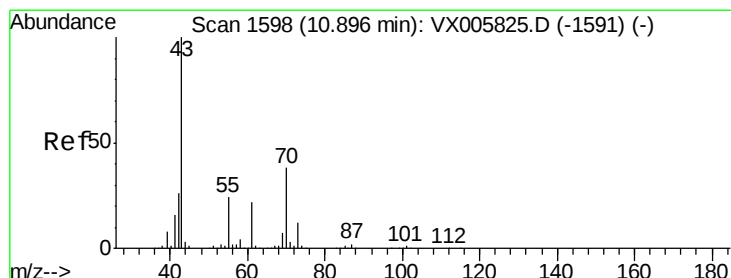
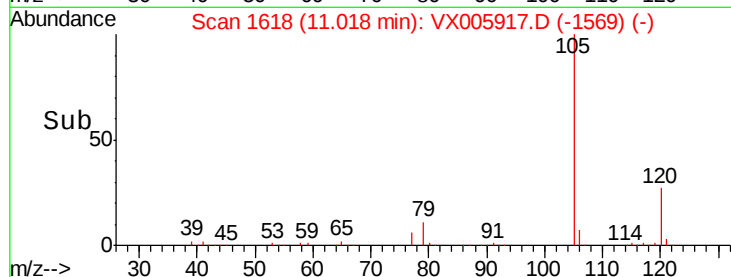
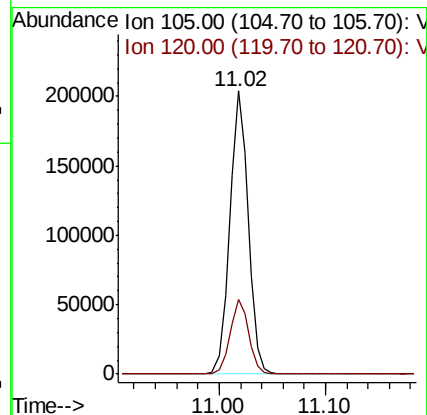
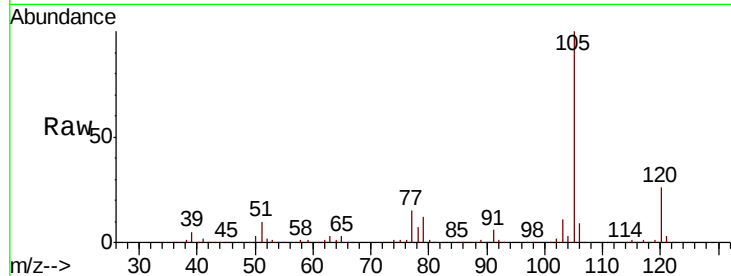
VSTDCCC050EC

Tot Ion:105 Resp: 246775

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 48.733 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Tgt Ion: 43 Resp: 124766

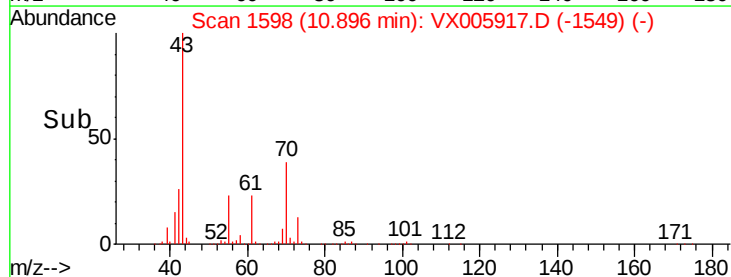
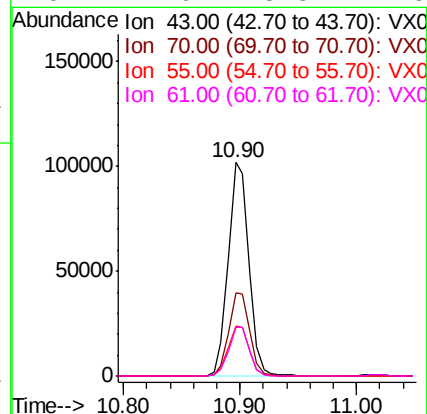
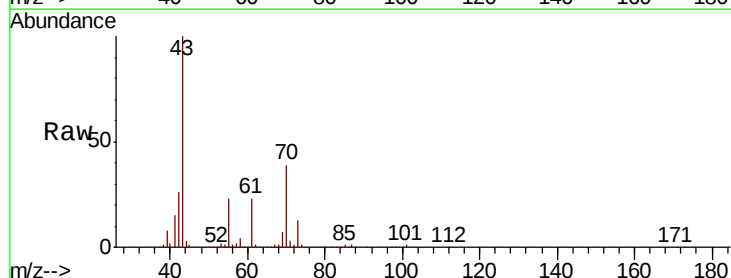
Ion Ratio Lower Upper

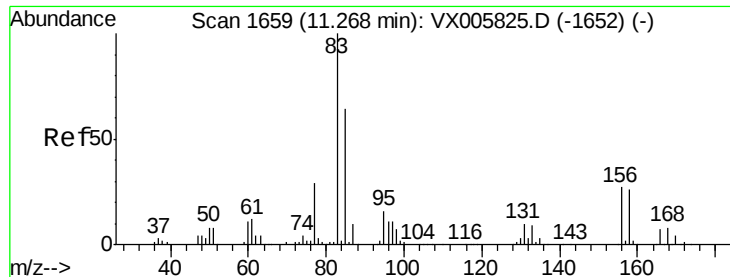
43 100

70 39.4 31.6 47.4

55 23.9 19.7 29.5

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.096 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

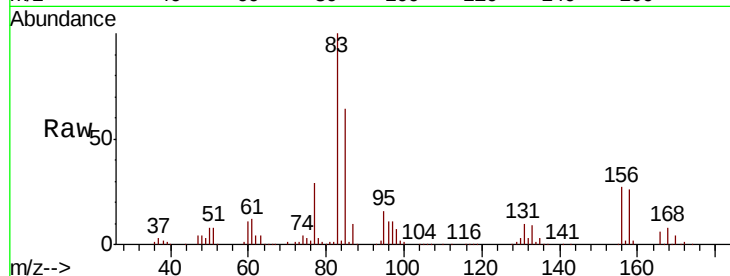
Tot Ion: 83 Resp: 85633

Ion Ratio Lower Upper

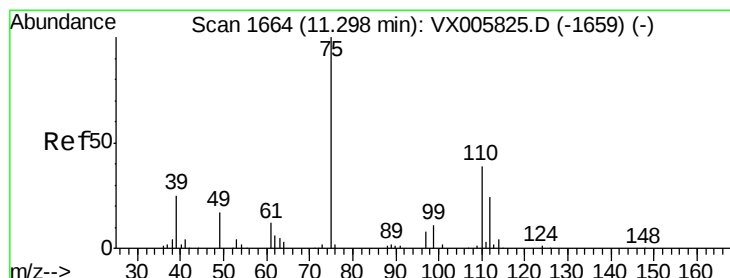
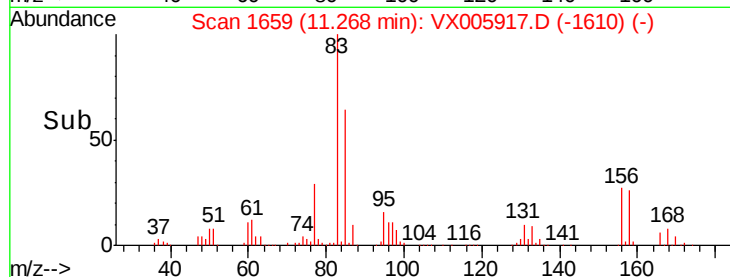
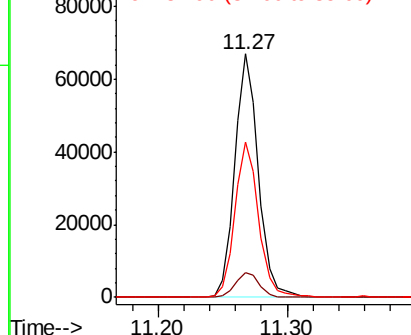
83 100

131 10.3 5.3 15.9

85 64.2 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: 63.358 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005917.D

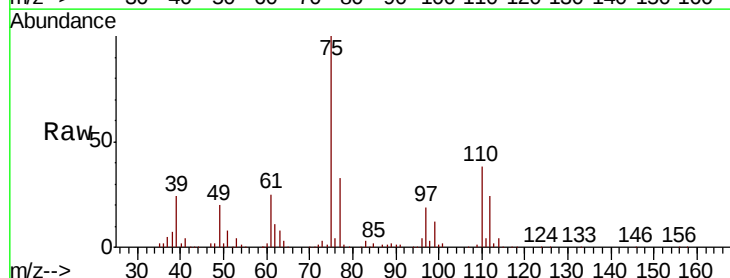
Acq: 12 Nov 2018 22:40

Tgt Ion: 75 Resp: 101861

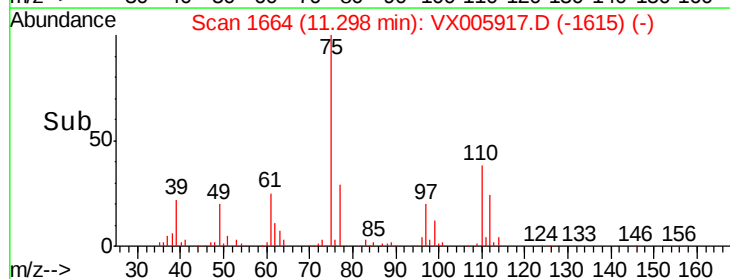
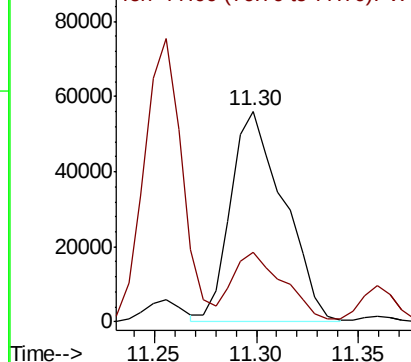
Ion Ratio Lower Upper

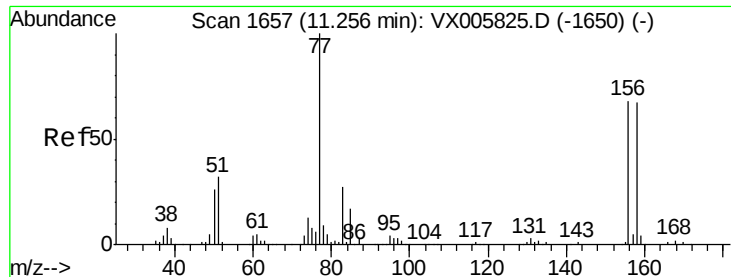
75 100

77 32.0 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: 50.559 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

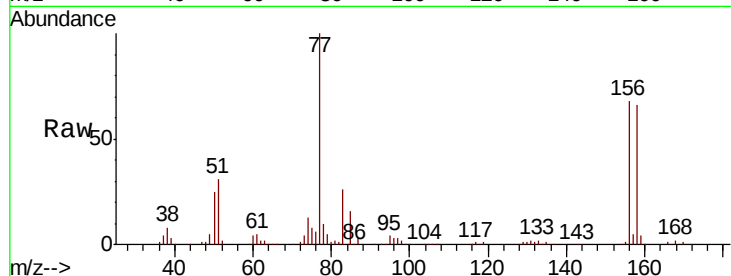
Tot Ion:156 Resp: 65067

Ion Ratio Lower Upper

156 100

77 150.0 74.8 224.4

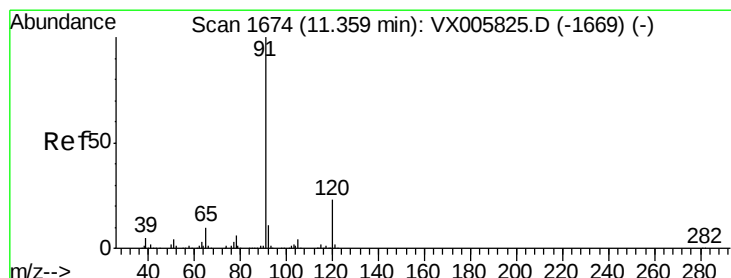
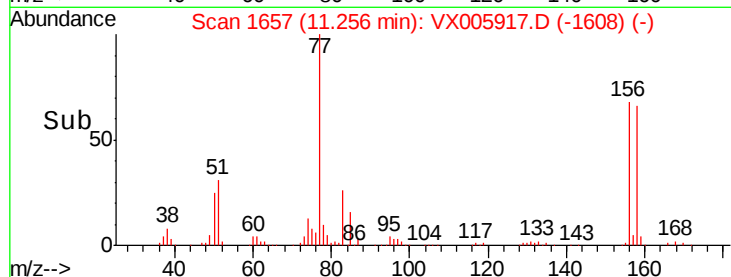
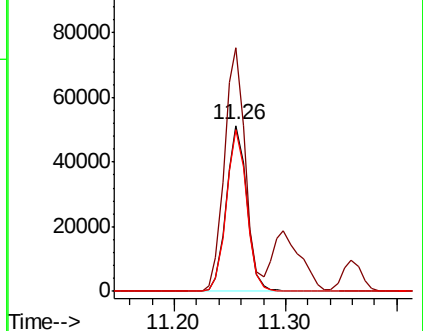
158 97.4 49.1 147.3



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: 53.053 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005917.D

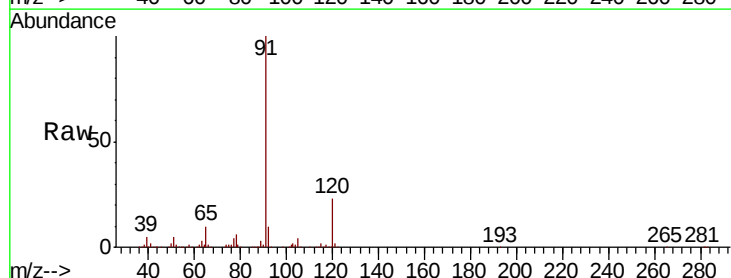
Acq: 12 Nov 2018 22:40

Tgt Ion: 91 Resp: 285483

Ion Ratio Lower Upper

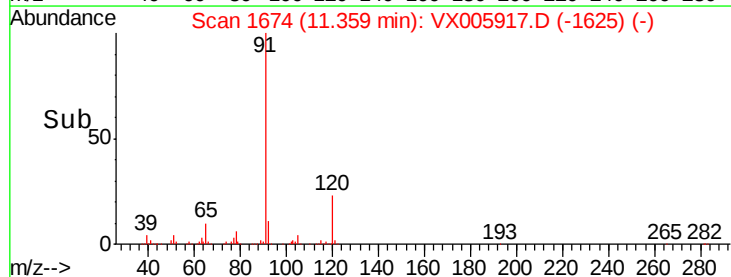
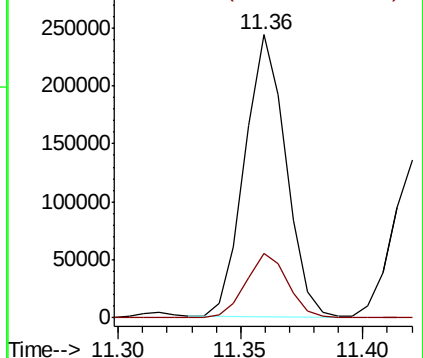
91 100

120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

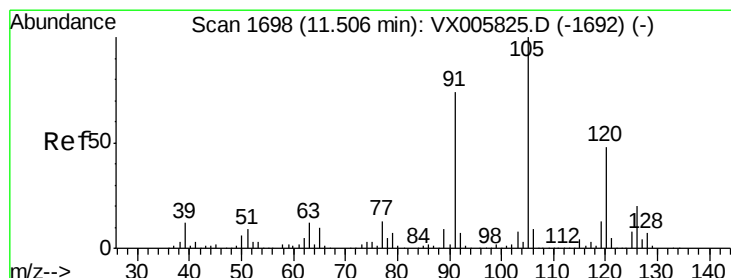
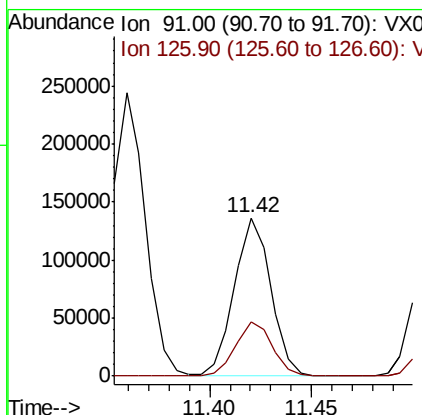
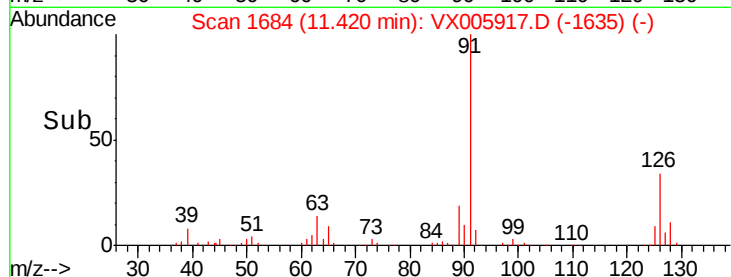
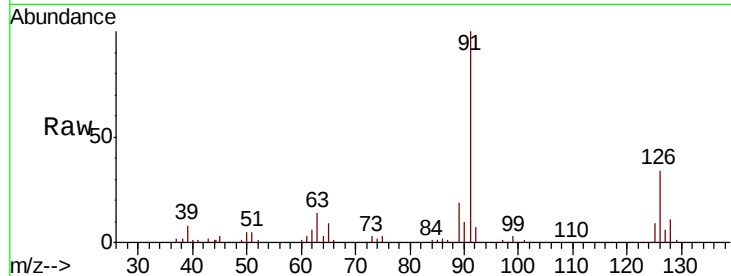




#79
 2-Chlorotoluene
 Concen: 51.756 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

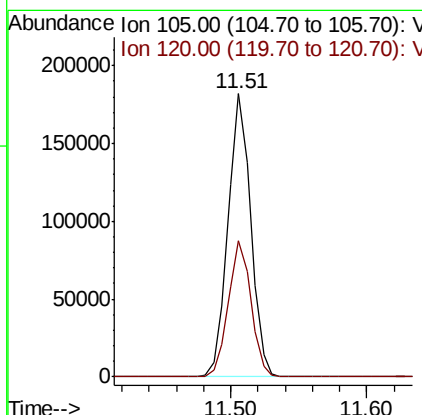
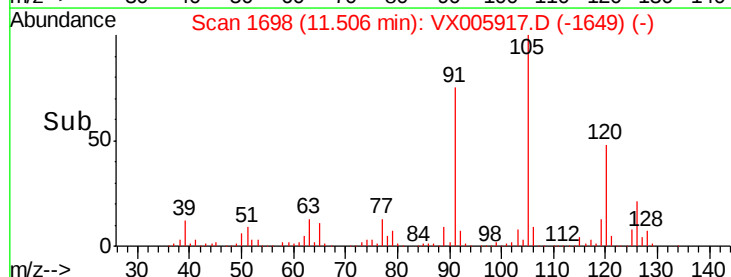
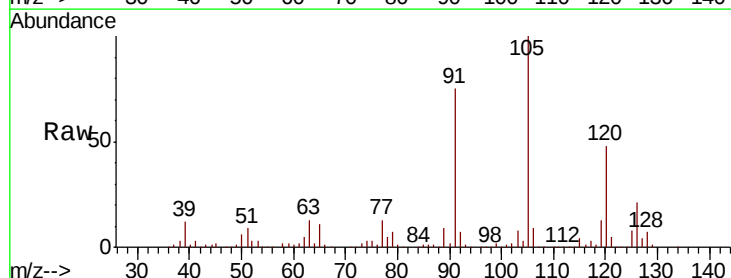
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

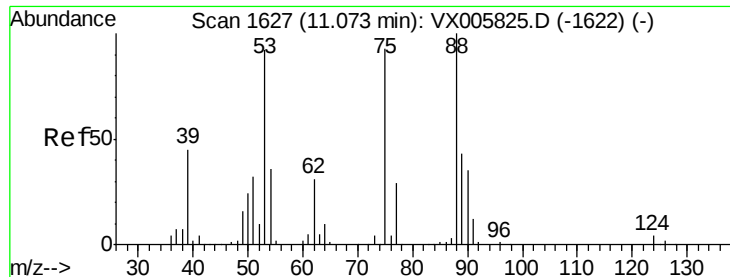
Tot Ion: 91 Resp: 168338
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.275 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 105 Resp: 210591
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.673 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

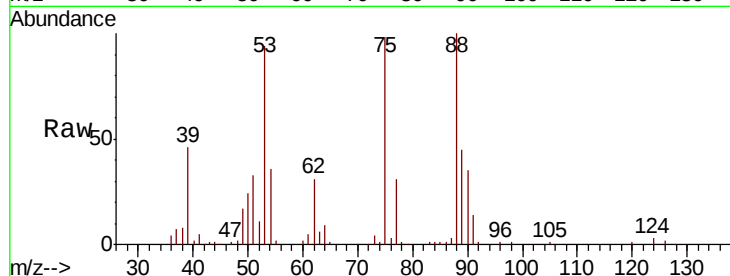
Tot Ion: 75 Resp: 25561

Ion Ratio Lower Upper

75 100

53 96.2 80.2 120.2

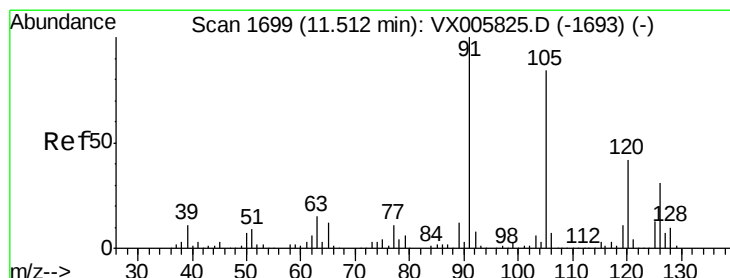
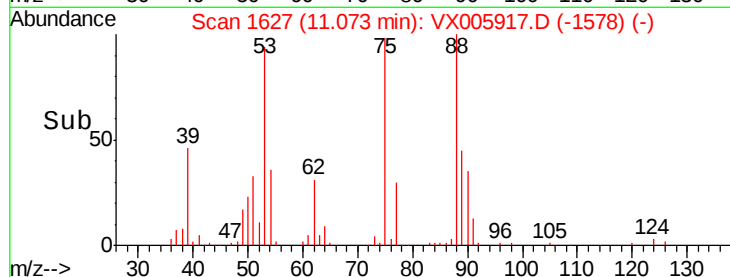
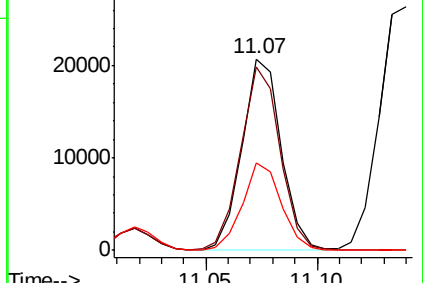
89 45.2 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.963 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005917.D

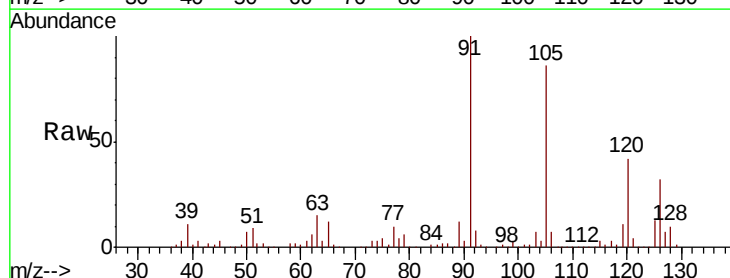
Acq: 12 Nov 2018 22:40

Tgt Ion: 91 Resp: 199186

Ion Ratio Lower Upper

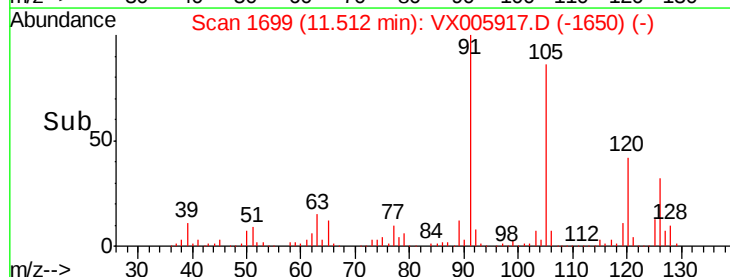
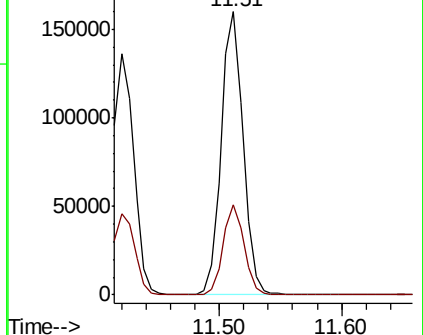
91 100

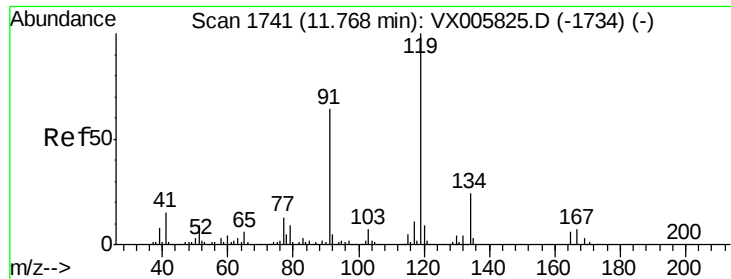
126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

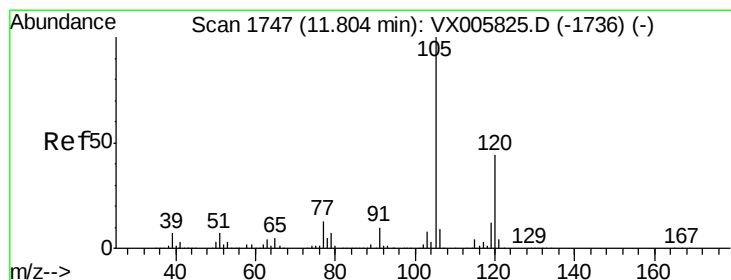
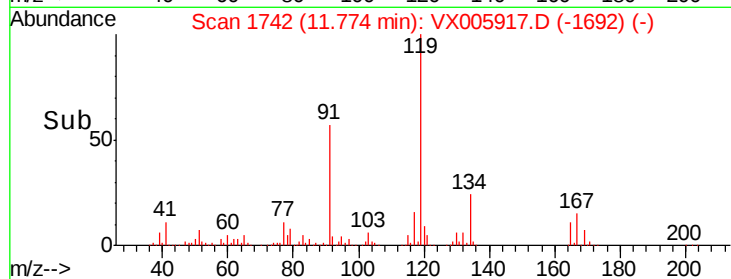
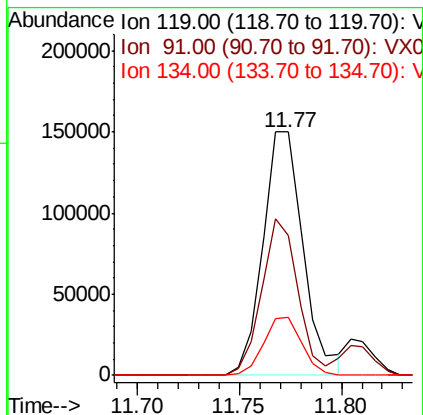
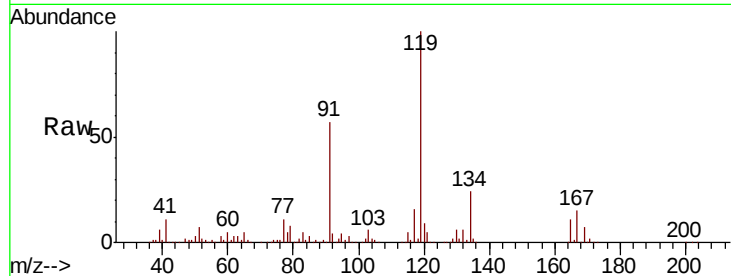




#83
 tert-Butylbenzene
 Concen: 52.730 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

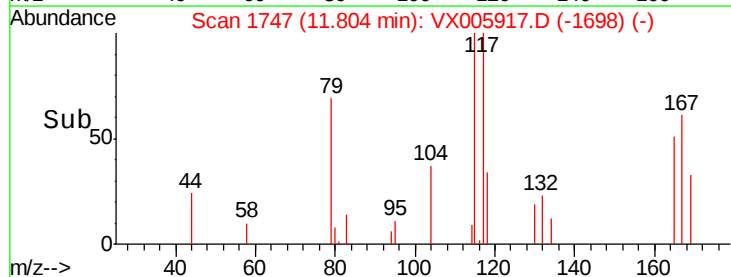
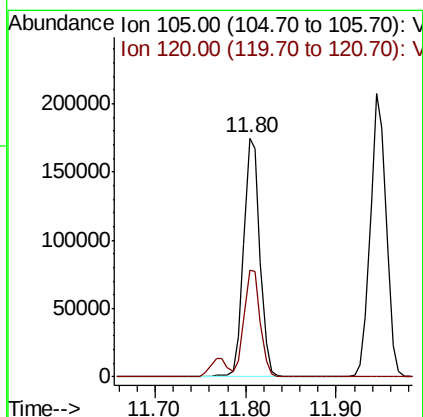
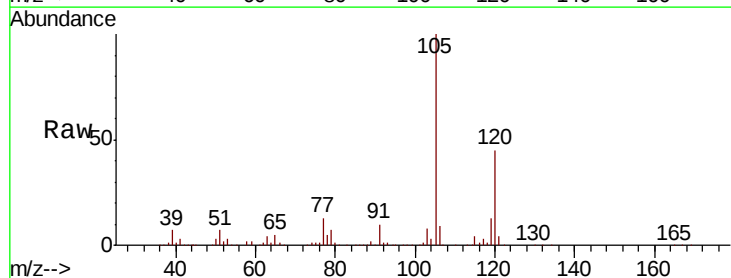
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

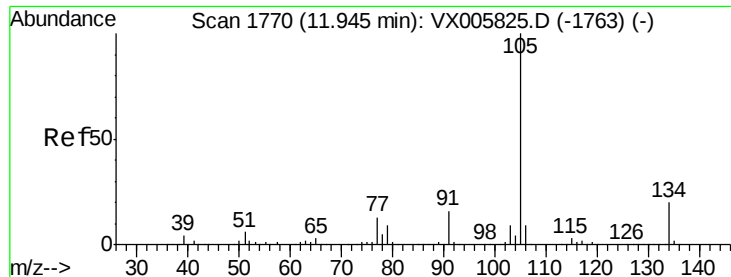
Tot Ion:119 Resp: 206984
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.5 85.5
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.576 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion:105 Resp: 216563
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.0





#85

sec-Butylbenzene

Concen: 52.348 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

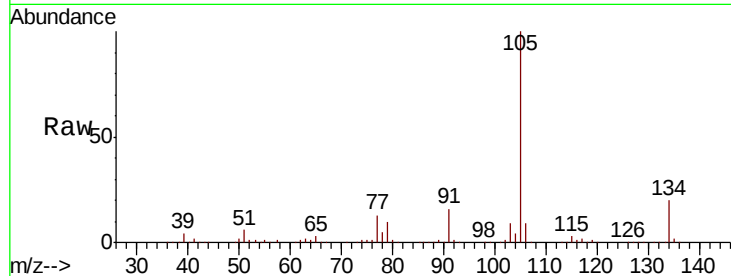
VSTDCCC050EC

Tot Ion:105 Resp: 251280

Ion Ratio Lower Upper

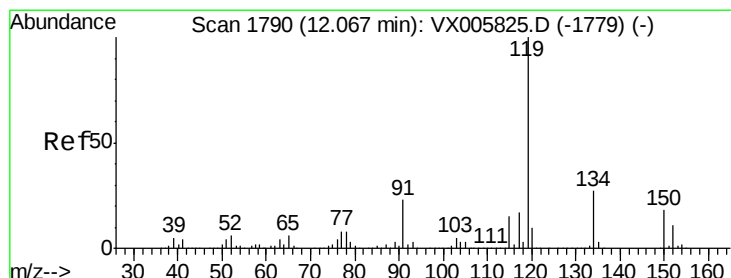
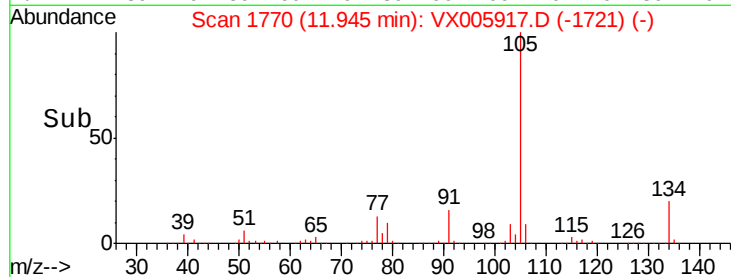
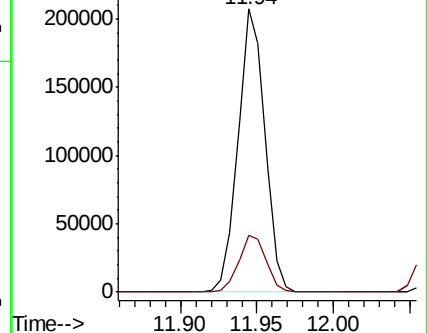
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.091 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

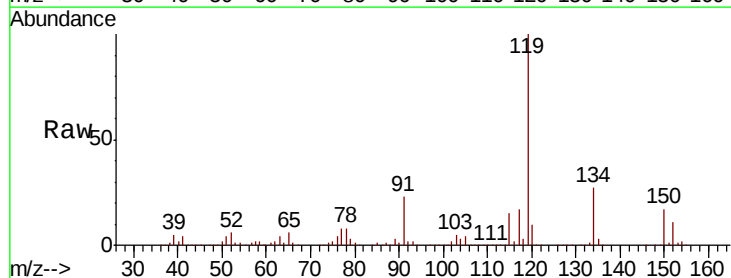
Tgt Ion:119 Resp: 225738

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

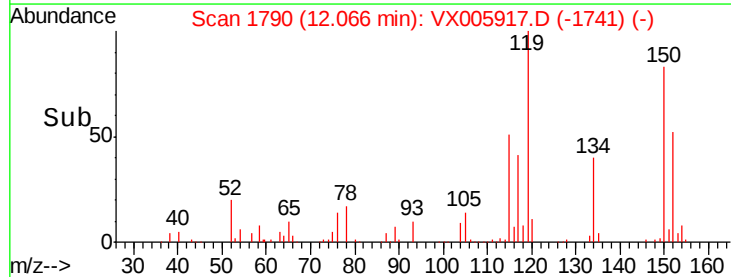
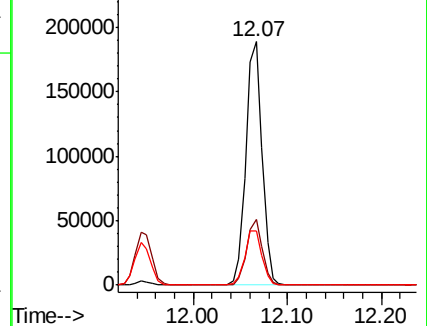
91 23.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

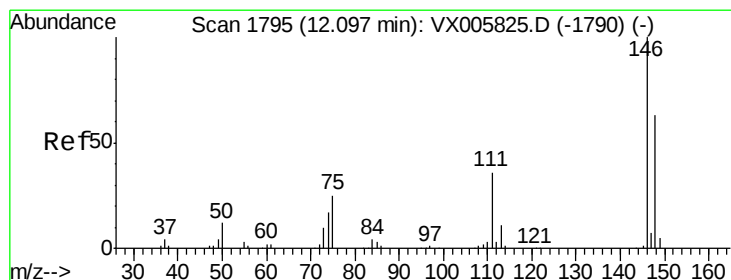
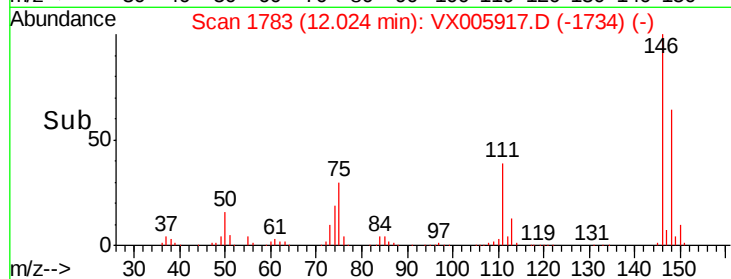
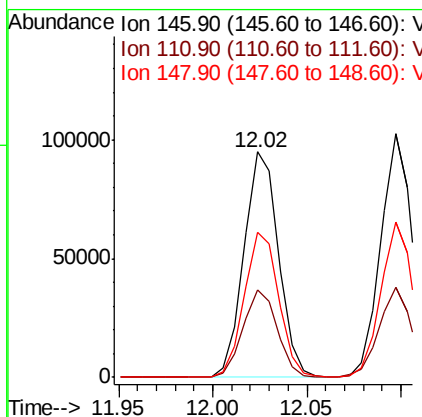
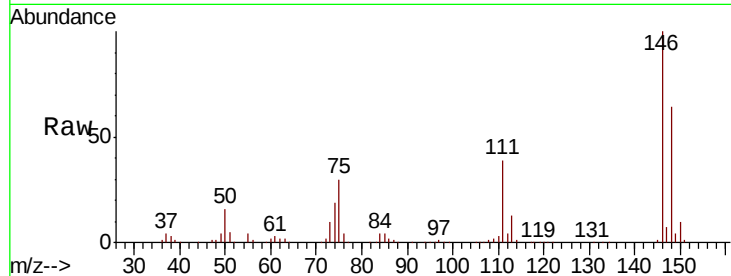




#87
 1,3-Dichlorobenzene
 Concen: 48.925 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

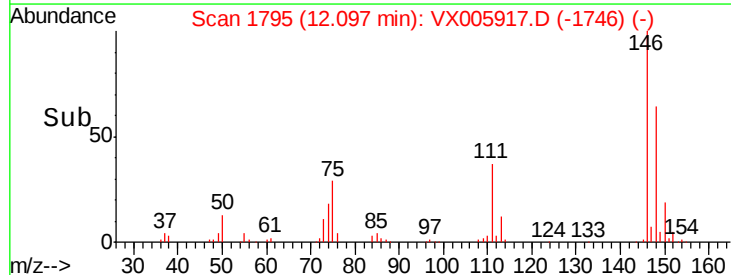
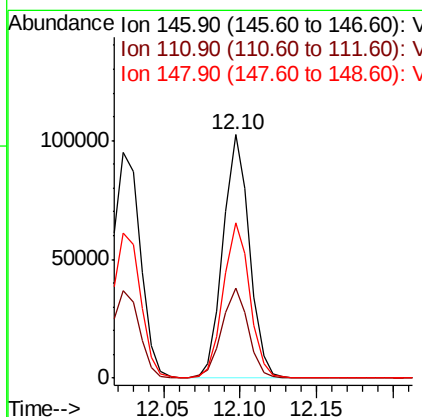
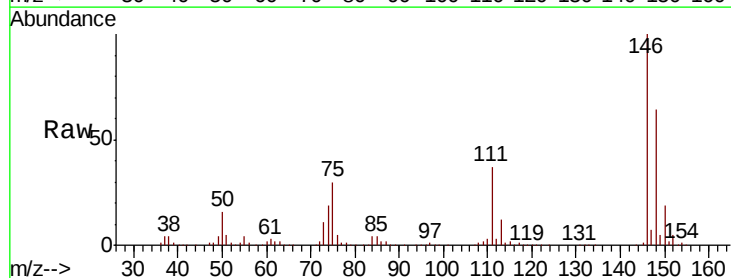
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 120839
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.405 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion:146 Resp: 122386
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 64.1 32.1 96.3





#89

n-Butylbenzene

Concen: 50.541 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

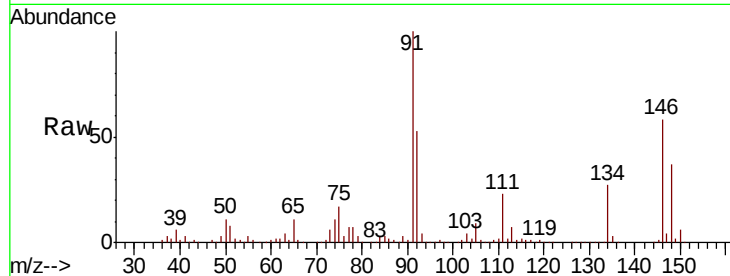
Tot Ion: 91 Resp: 199164

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.2

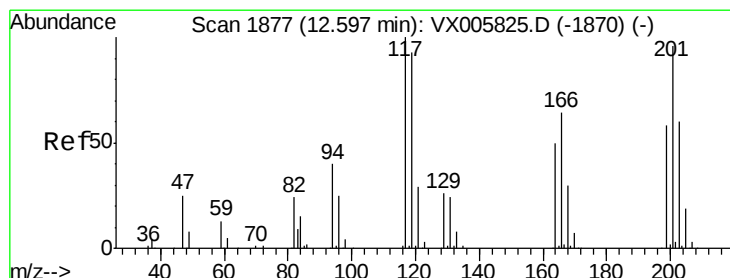
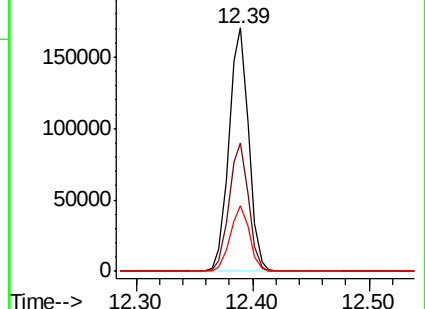
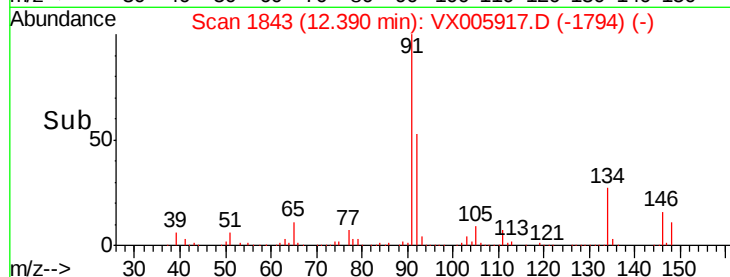
134 26.3 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005917.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX005917.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX005917.D (-1794) (-)



#90

Hexachloroethane

Concen: 52.981 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005917.D

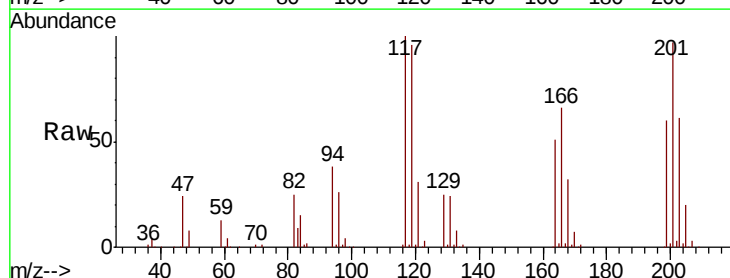
Acq: 12 Nov 2018 22:40

Tgt Ion: 117 Resp: 37610

Ion Ratio Lower Upper

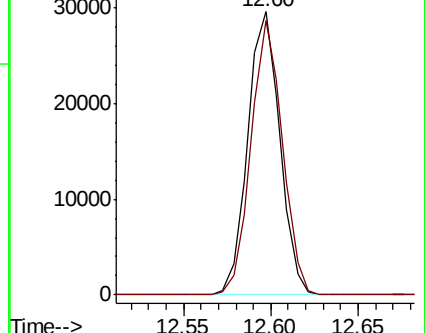
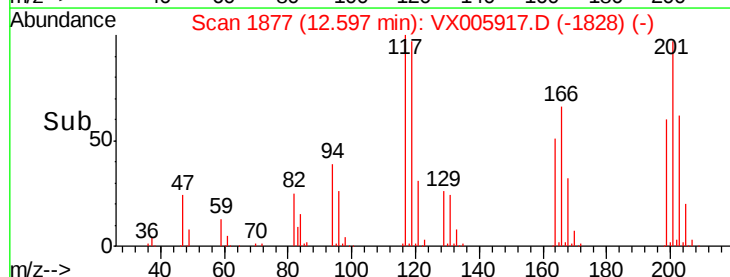
117 100

201 95.0 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005917.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX005917.D (-1828) (-)

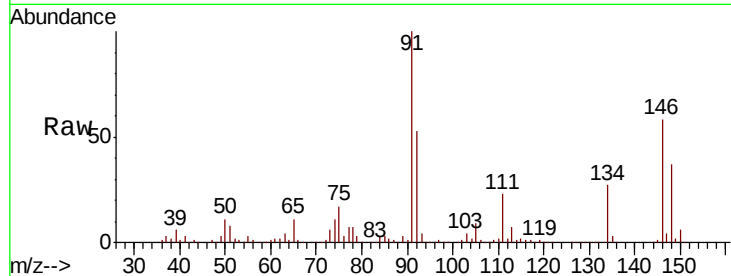




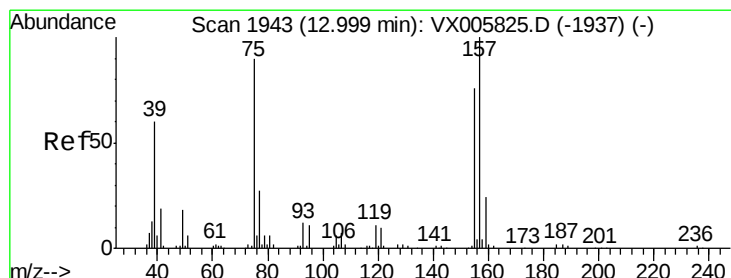
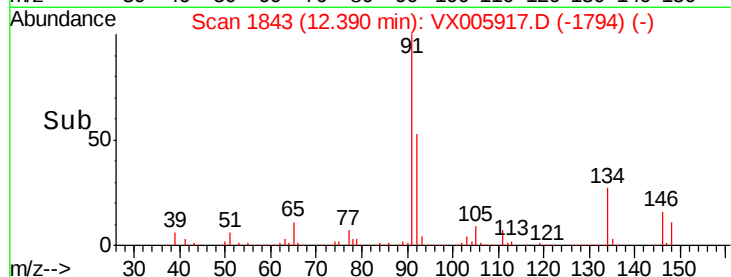
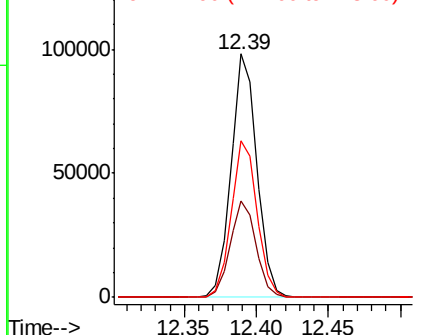
#91
 1,2-Dichlorobenzene
 Concen: 49.804 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 123227
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 59.9
 148 64.5 32.2 96.6

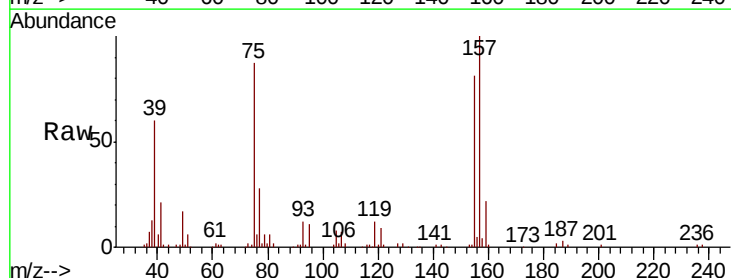


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

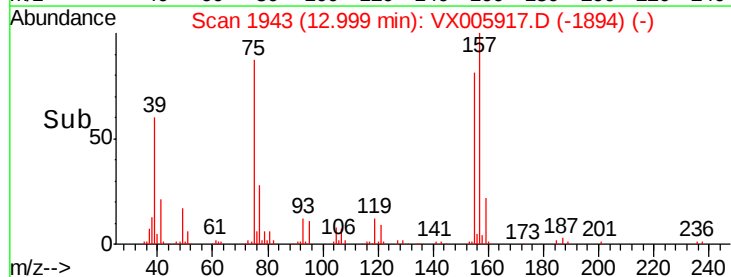
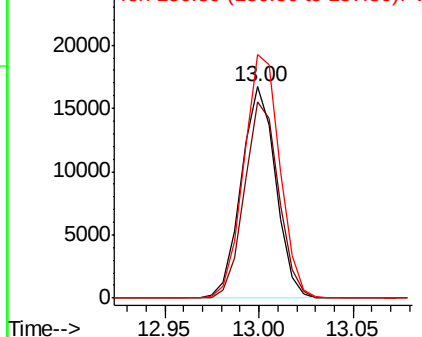


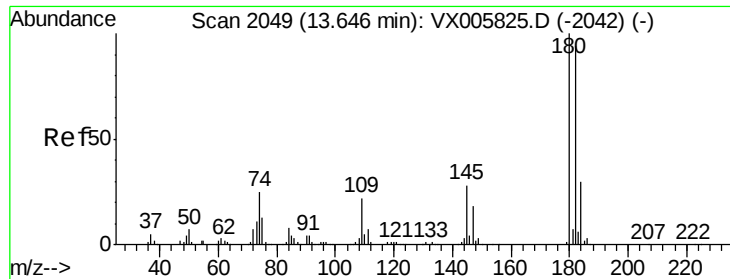
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.516 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 75 Resp: 21068
 Ion Ratio Lower Upper
 75 100
 155 92.9 45.4 136.1
 157 120.8 57.4 172.0



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

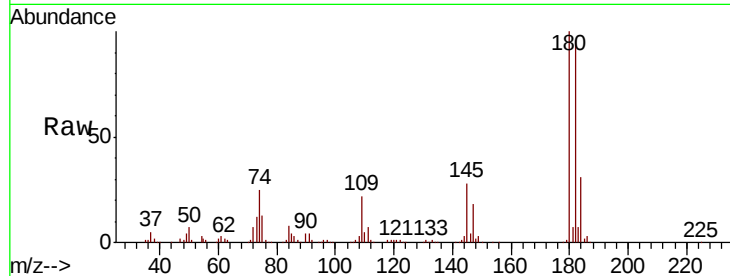




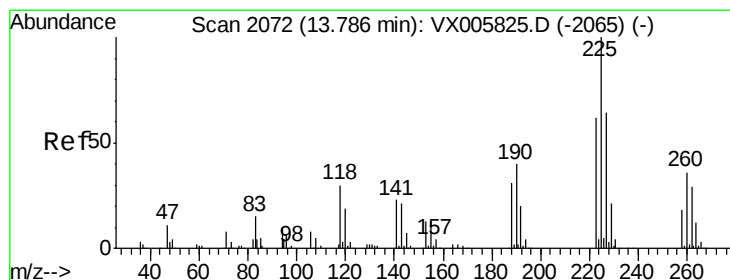
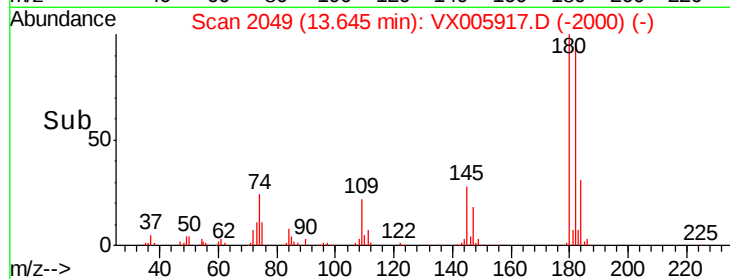
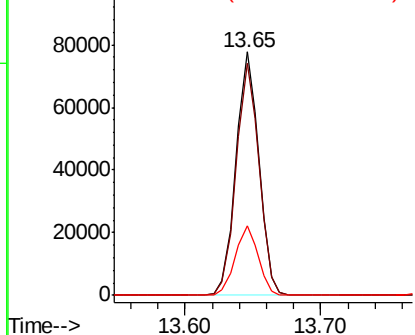
#93
 1,2,4-Trichlorobenzene
 Concen: 52.204 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 90929
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.8
 145 28.6 14.1 42.2

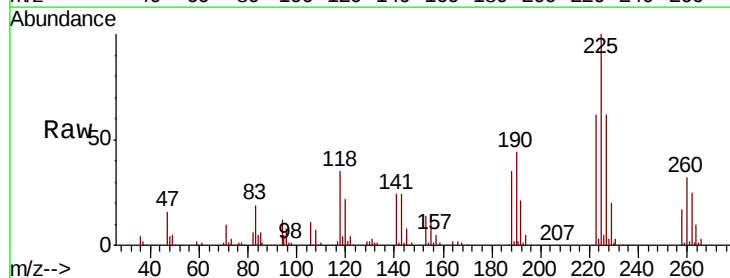


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

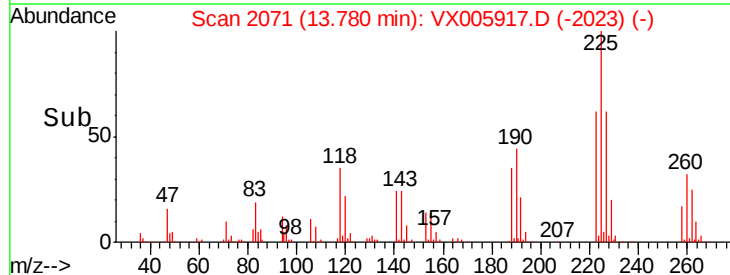
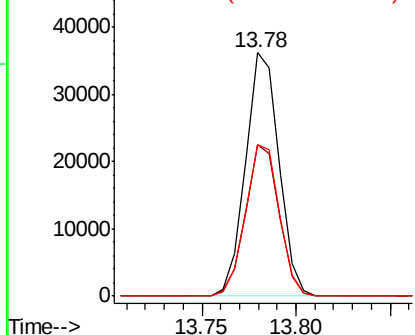


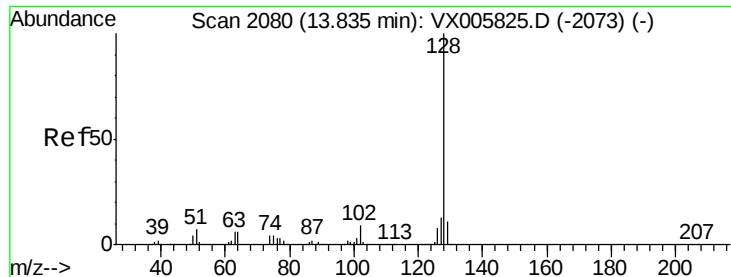
#94
 Hexachlorobutadiene
 Concen: 48.725 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion:225 Resp: 44581
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.7 95.1
 227 62.8 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: 50.308 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

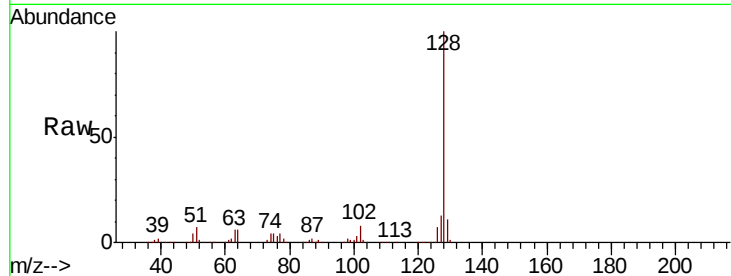
Tot Ion:128 Resp: 285812

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

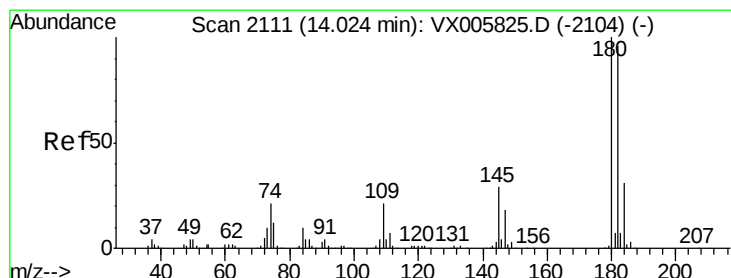
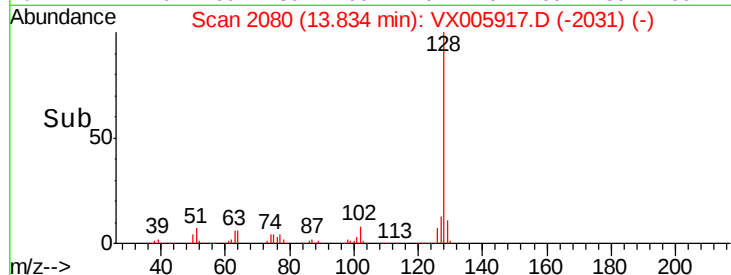
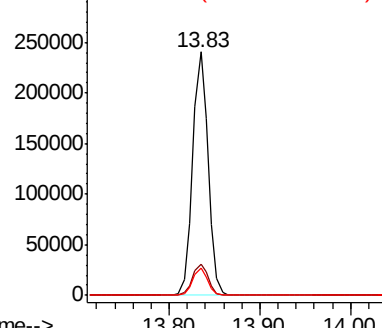
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.582 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

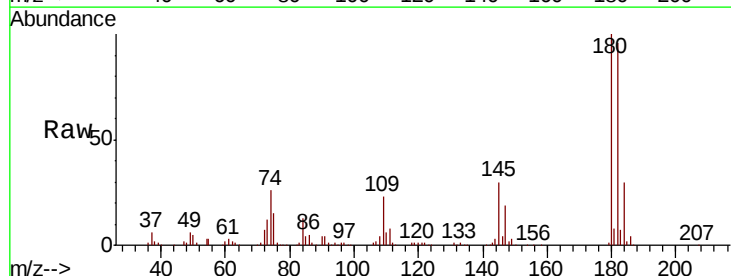
Tgt Ion:180 Resp: 93307

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 29.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

