

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101518\
 Data File : VX005329.D
 Acq On : 15 Oct 2018 08:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 16 03:16:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	292483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224785	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	153033	47.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	5.50	113	127273	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	8.71	98	489459	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	11.13	95	185401	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	117057	51.187	ug/l	100
3) Chloromethane	1.32	50	156715	47.294	ug/l	100
4) Vinyl Chloride	1.41	62	162232	48.330	ug/l	100
5) Bromomethane	1.64	94	97893	51.617	ug/l	97
6) Chloroethane	1.71	64	98704	49.760	ug/l	94
7) Trichlorofluoromethane	1.92	101	226264	50.511	ug/l	94
8) Diethyl Ether	2.19	74	94642	49.476	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	137653	53.241	ug/l	97
10) Methyl Iodide	2.51	142	157058	55.132	ug/l	99
11) Tert butyl alcohol	3.07	59	211986	231.507	ug/l	99
12) 1,1-Dichloroethene	2.37	96	127517	49.779	ug/l	99
13) Acrolein	2.29	56	123272	210.628	ug/l	97
14) Allyl chloride	2.73	41	276719	49.202	ug/l	96
15) Acrylonitrile	3.15	53	478846	230.770	ug/l	98
16) Acetone	2.45	43	449922	239.720	ug/l	97
17) Carbon Disulfide	2.57	76	381612	49.176	ug/l	99
18) Methyl Acetate	2.78	43	250723	46.955	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	459590	50.941	ug/l	97
20) Methylene Chloride	2.85	84	146294	53.589	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	138449	48.769	ug/l	96
22) Diisopropyl ether	3.87	45	497043	52.616	ug/l	93
23) Vinyl Acetate	3.82	43	2209023	267.546	ug/l	95
24) 1,1-Dichloroethane	3.70	63	268196	49.538	ug/l	98
25) 2-Butanone	4.70	43	629693	229.307	ug/l	94
26) 2,2-Dichloropropane	4.58	77	207306	51.199	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	144949	46.981	ug/l	96
28) Bromochloromethane	5.02	49	115501	46.798	ug/l	95
29) Tetrahydrofuran	5.15	42	397077	226.688	ug/l	93
30) Chloroform	5.21	83	240166	47.793	ug/l	99
31) Cyclohexane	5.57	56	219169	49.117	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	212662	48.637	ug/l	99
36) 1,1-Dichloropropene	5.79	75	189018	47.870	ug/l	99
37) Ethyl Acetate	4.85	43	226152	44.536	ug/l	98
38) Carbon Tetrachloride	5.78	117	191909	48.370	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	226719	53.052	ug/l	97
40) Benzene	6.14	78	542300	45.783	ug/l	99
41) Methacrylonitrile	5.06	41	126025	46.293	ug/l	96
42) 1,2-Dichloroethane	6.20	62	191579	45.806	ug/l	97
43) Isopropyl Acetate	6.46	43	338208	49.999	ug/l	97
44) Trichloroethene	7.21	130	153616	50.802	ug/l	100
45) 1,2-Dichloropropane	7.51	63	144616	49.772	ug/l	99
46) Dibromomethane	7.66	93	93361	48.684	ug/l	97
47) Bromodichloromethane	7.90	83	182786	51.530	ug/l	99
48) Methyl methacrylate	7.77	41	179527	51.172	ug/l	95
49) 1,4-Dioxane	7.75	88	76812	949.247	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1196605	255.482	ug/l	95
52) Toluene	8.79	92	349256	53.895	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	213424	55.597	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	229702	55.224	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	141051	51.389	ug/l	97
56) Ethyl methacrylate	9.18	69	222941	55.717	ug/l	97
57) 1,3-Dichloropropane	9.37	76	236888	51.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	614231	273.721	ug/l	95
59) 2-Hexanone	9.49	43	970412	257.567	ug/l	94
60) Dibromochloromethane	9.58	129	153911	54.248	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148376	51.510	ug/l	99
64) Tetrachloroethene	9.34	164	157112	51.406	ug/l	99
65) Chlorobenzene	10.14	112	395288	48.950	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	144998	50.386	ug/l	99
67) Ethyl Benzene	10.25	91	682222	51.967	ug/l	97
68) m/p-Xylenes	10.36	106	534753	104.948	ug/l	96
69) o-Xylene	10.70	106	255731	52.039	ug/l	98
70) Styrene	10.71	104	433863	53.677	ug/l	98
71) Bromoform	10.86	173	131931	51.302	ug/l	99
73) Isopropylbenzene	11.02	105	699207	52.325	ug/l	100
74) N-amyl acetate	10.90	43	324106	50.287	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	232721	46.167	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	280168	64.256	ug/l	86
77) Bromobenzene	11.26	156	190274	49.800	ug/l	99
78) n-propylbenzene	11.36	91	815884	53.058	ug/l	100
79) 2-Chlorotoluene	11.42	91	473920	50.324	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	604566	52.832	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	73441	51.179	ug/l	93
82) 4-Chlorotoluene	11.51	91	570453	51.099	ug/l	100
83) tert-Butylbenzene	11.77	119	605570	52.259	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	621921	52.812	ug/l	98
85) sec-Butylbenzene	11.94	105	732525	53.417	ug/l	100
86) p-Isopropyltoluene	12.07	119	673195	54.313	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	360177	50.448	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	365343	50.021	ug/l	99
89) n-Butylbenzene	12.39	91	607476	53.979	ug/l	98
90) Hexachloroethane	12.60	117	107996	50.557	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	358672	49.229	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56446	45.906	ug/l	99

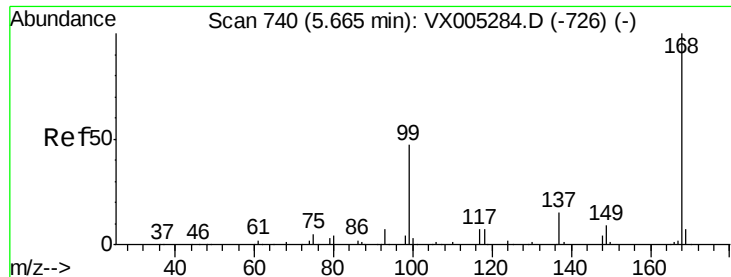
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101518\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286085	53.520	ug/l	99
94) Hexachlorobutadiene	13.78	225	148527	52.610	ug/l	97
95) Naphthalene	13.83	128	820233	52.911	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	283715	51.874	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

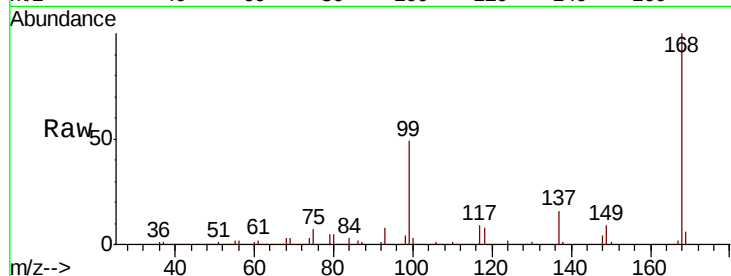
VSTDCCC050

Tot Ion:168 Resp: 292483

Ion Ratio Lower Upper

168 100

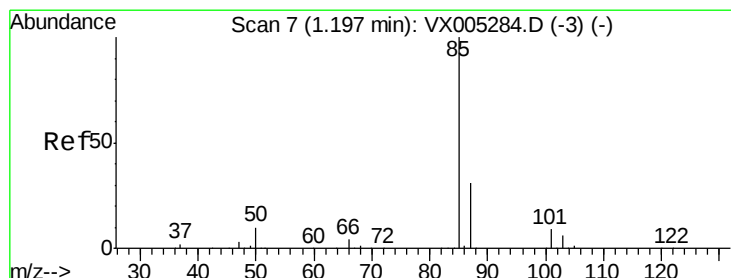
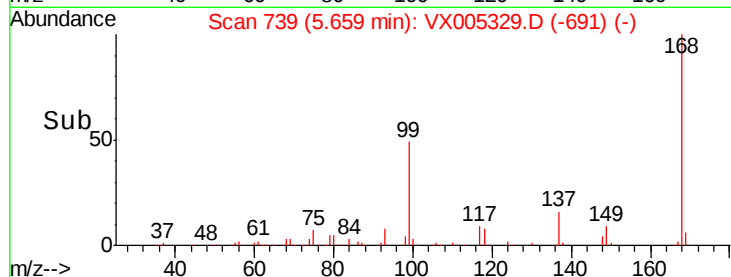
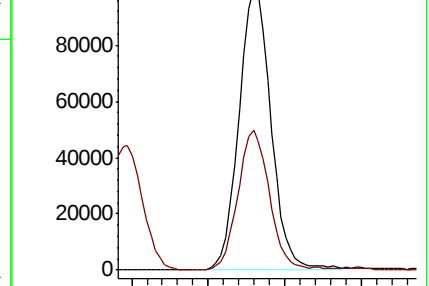
99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX005329.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX005329.D (-691) (-)

5.66



#2

Dichlorodifluoromethane

Concen: 51.187 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005329.D

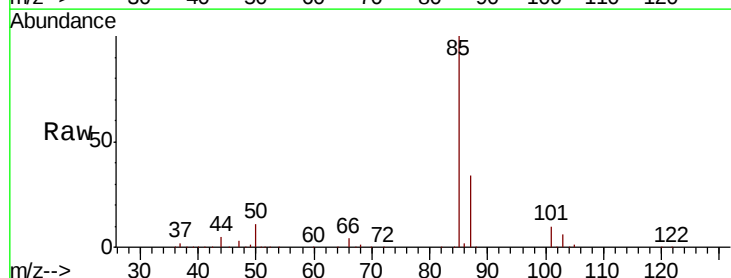
Acq: 15 Oct 2018 08:15

Tgt Ion: 85 Resp: 117057

Ion Ratio Lower Upper

85 100

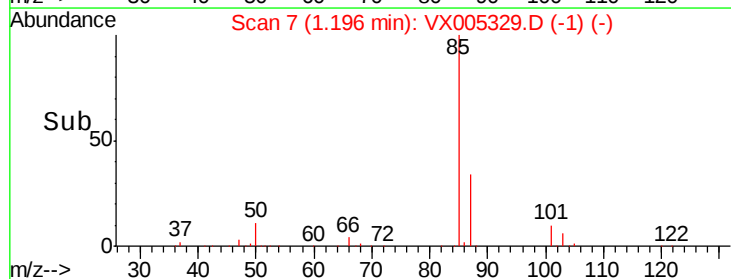
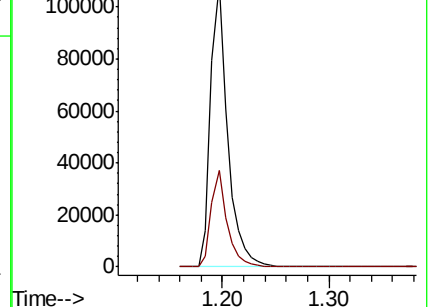
87 34.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX005329.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX005329.D (-1) (-)

1.20





#3

Chloromethane

Concen: 47.294 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

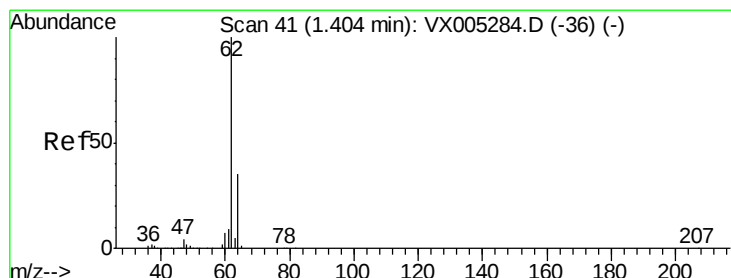
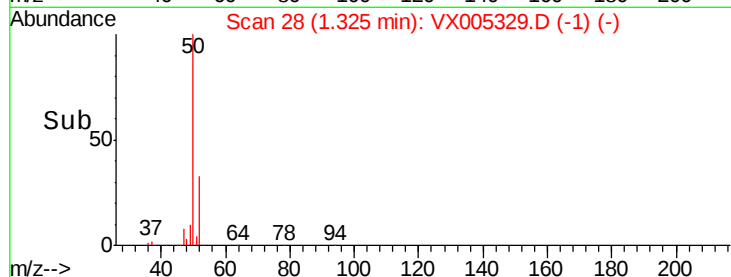
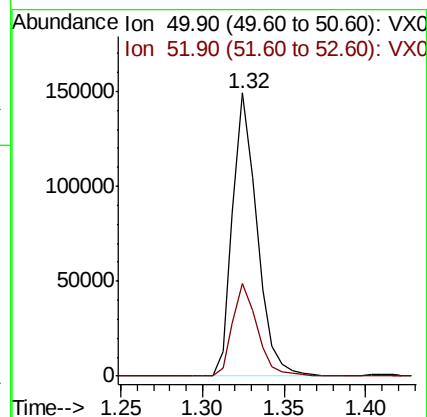
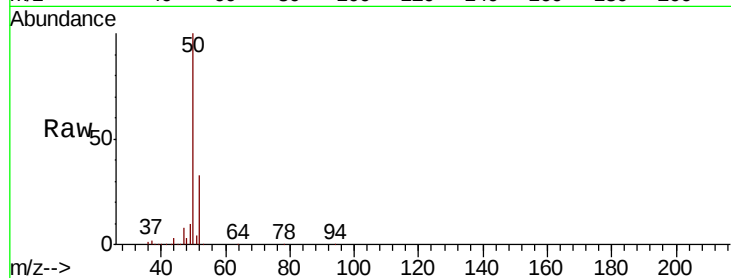
VSTDCCC050

Tot Ion: 50 Resp: 156715

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 48.330 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005329.D

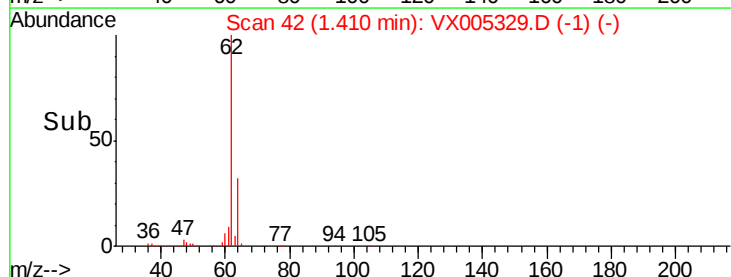
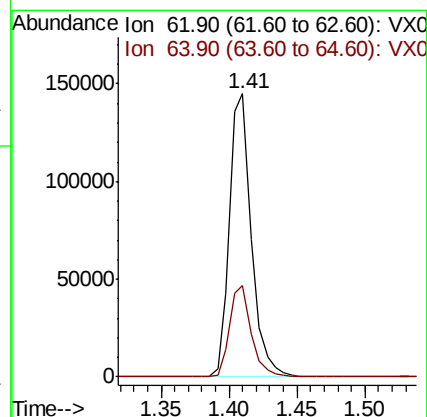
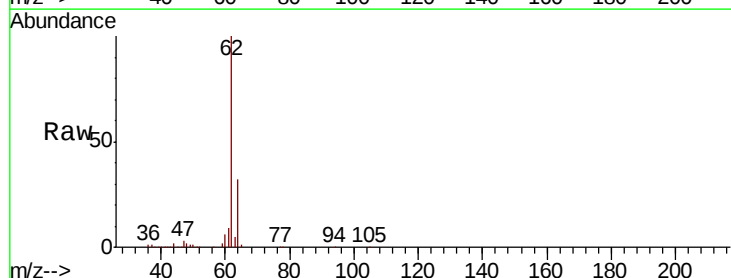
Acq: 15 Oct 2018 08:15

Tgt Ion: 62 Resp: 162232

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 51.617 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

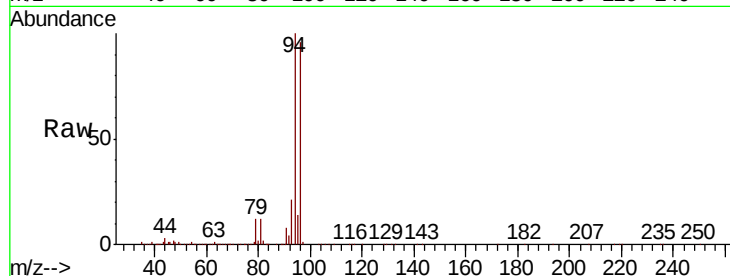
VSTDCCC050

Tot Ion: 94 Resp: 97893

Ion Ratio Lower Upper

94 100

96 95.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

40000

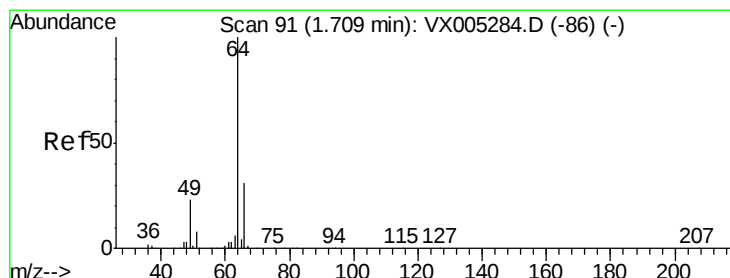
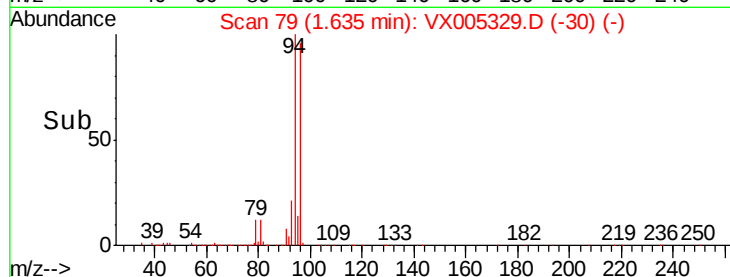
20000

0

1.64

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 49.760 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005329.D

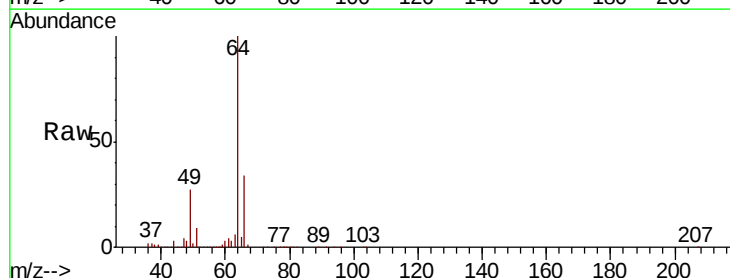
Acq: 15 Oct 2018 08:15

Tgt Ion: 64 Resp: 98704

Ion Ratio Lower Upper

64 100

66 33.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

40000

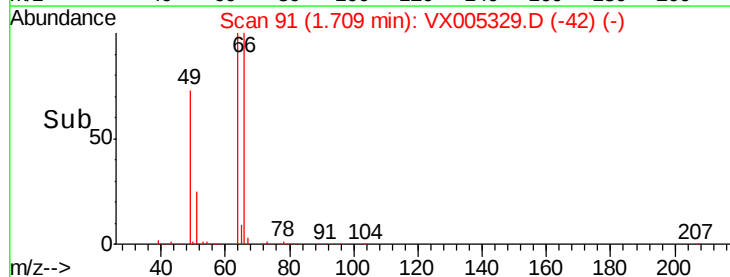
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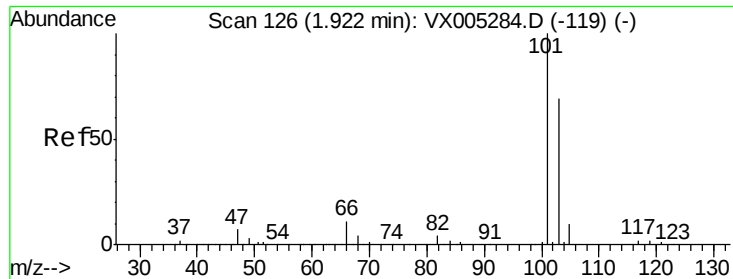
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1.71

1.60 1.65 1.70 1.75 1.80

Time-->



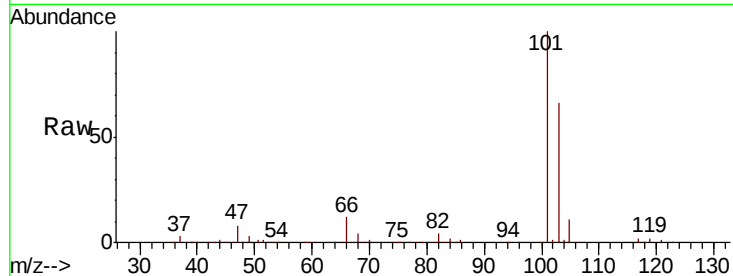


#7

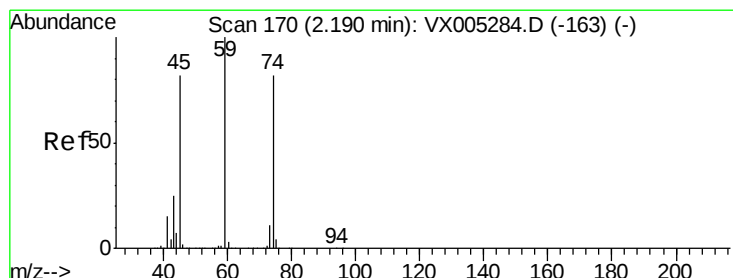
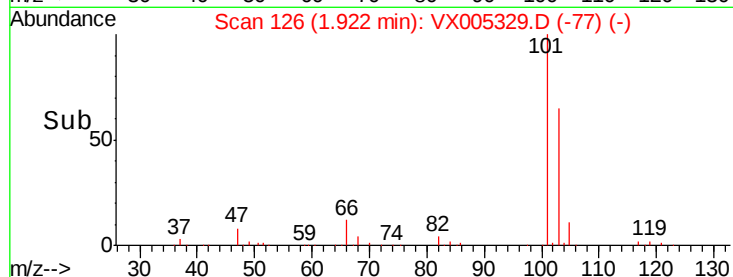
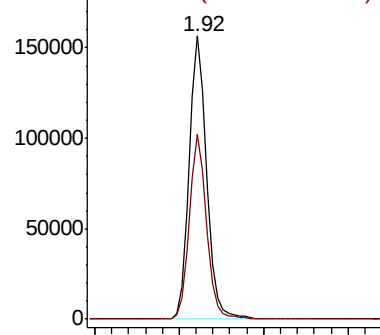
Trichlorofluoromethane
Concen: 50.511 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
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Tot Ion:101 Resp: 226264
Ion Ratio Lower Upper
101 100
103 65.5 48.9 73.3



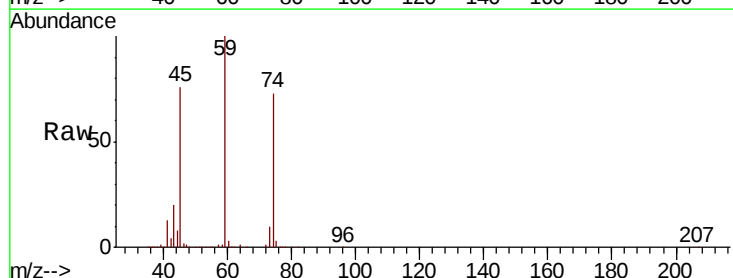
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



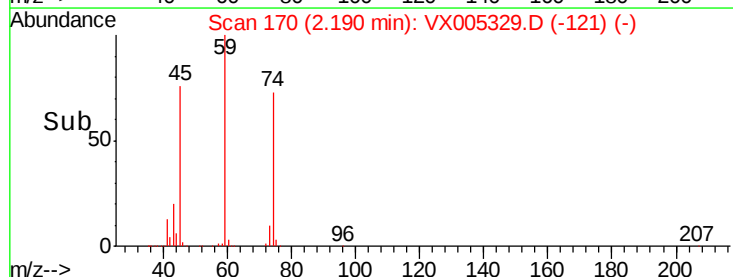
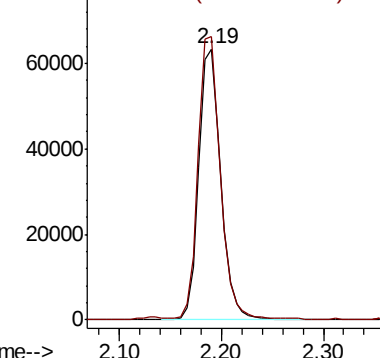
#8

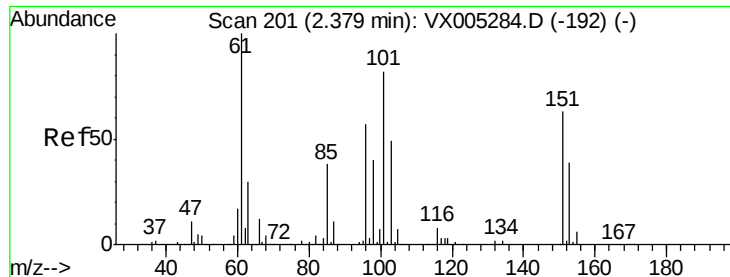
Diethyl Ether
Concen: 49.476 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 74 Resp: 94642
Ion Ratio Lower Upper
74 100
45 105.3 48.3 144.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.241 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

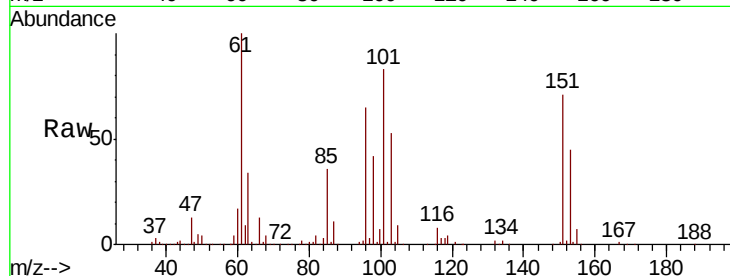
Tot Ion:101 Resp: 137653

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

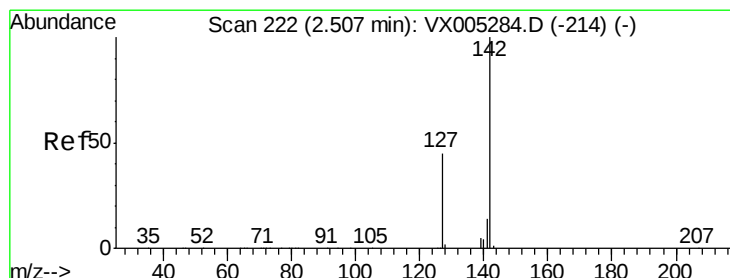
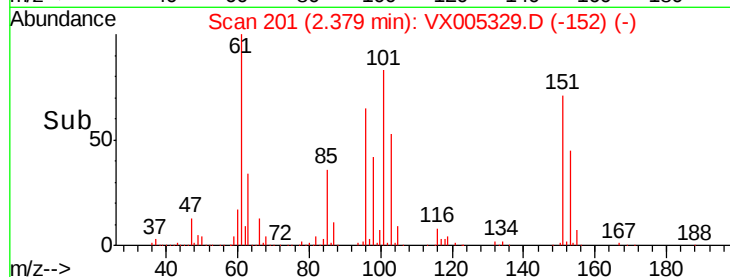
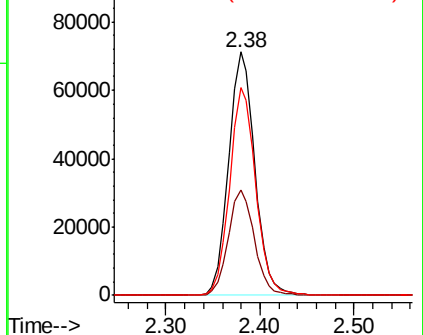
151 84.8 65.0 97.6



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: 55.132 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

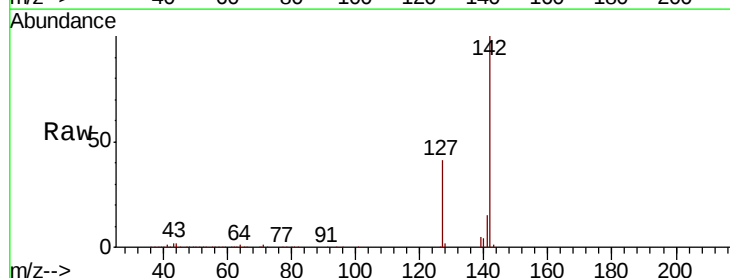
Tgt Ion:142 Resp: 157058

Ion Ratio Lower Upper

142 100

127 42.5 33.8 50.6

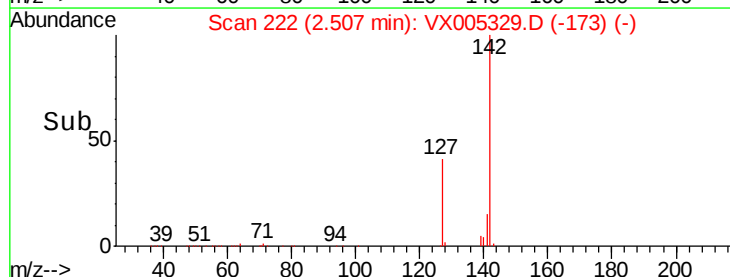
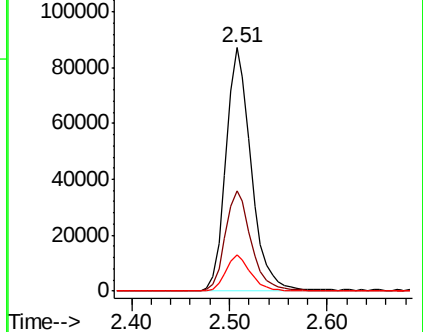
141 14.5 11.4 17.0

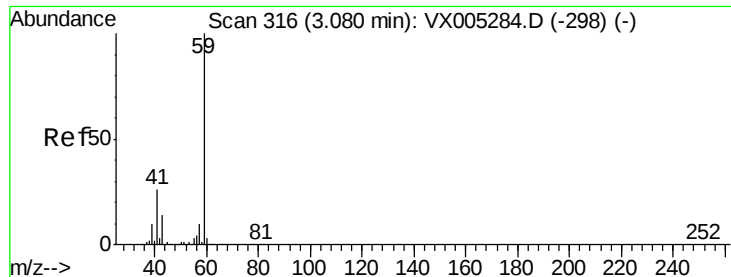


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



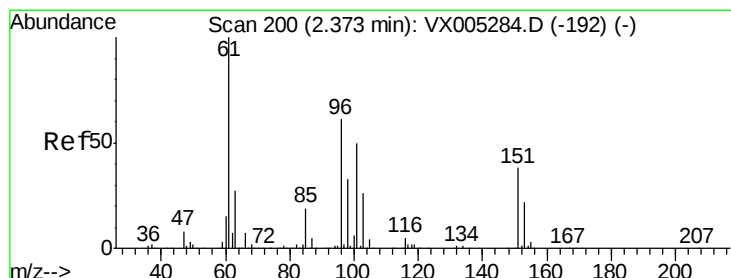
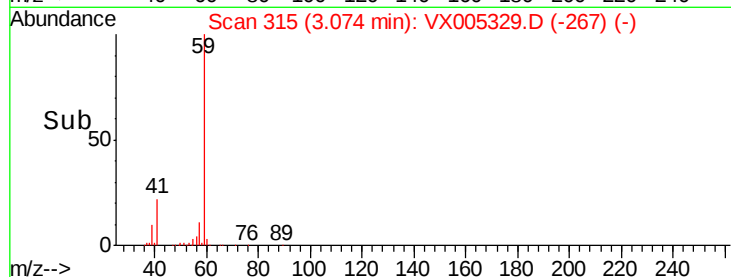
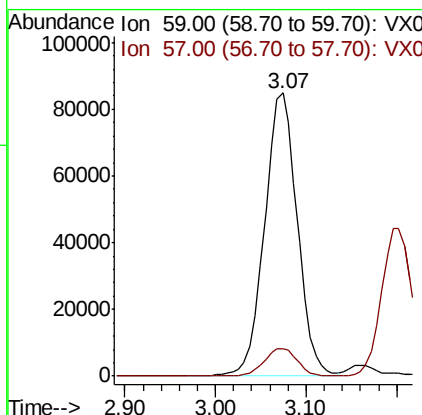
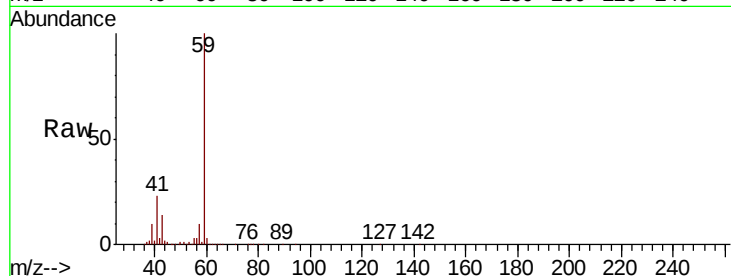


#11

Tert butyl alcohol
Concen: 231.507 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

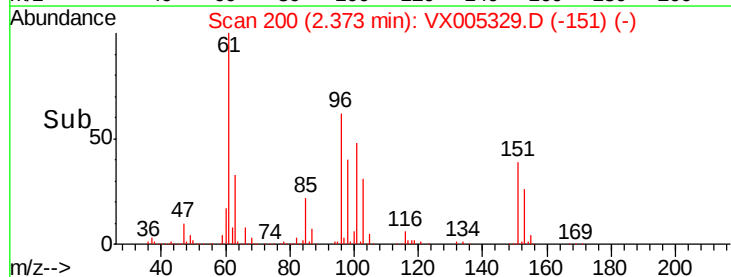
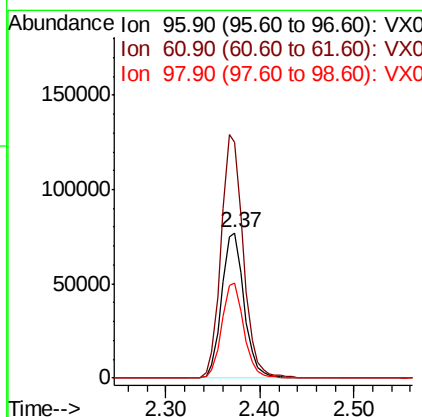
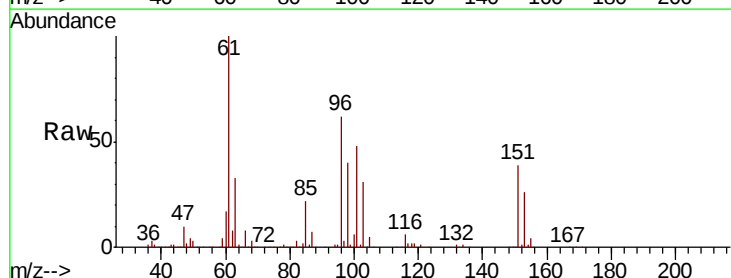
Tot Ion: 59 Resp: 211986
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

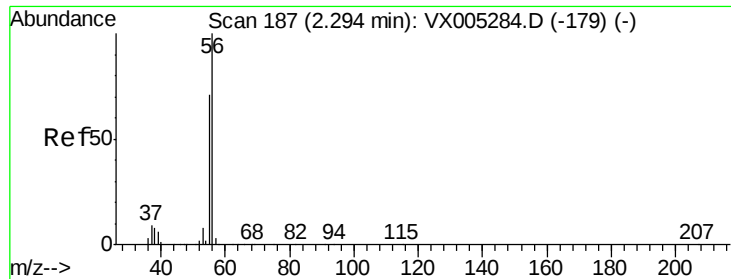


#12

1,1-Dichloroethene
Concen: 49.779 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 96 Resp: 127517
Ion Ratio Lower Upper
96 100
61 162.2 128.8 193.2
98 65.5 52.2 78.2





#13

Acrolein

Concen: 210.628 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

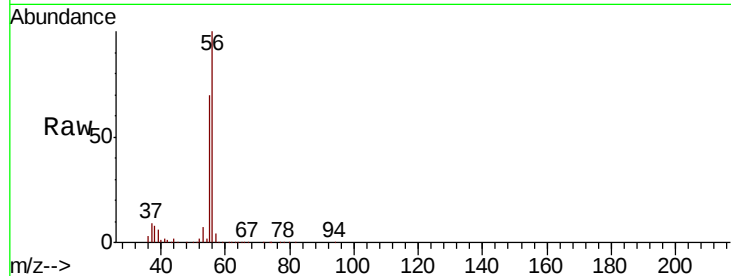
VSTDCCC050

Tot Ion: 56 Resp: 123272

Ion Ratio Lower Upper

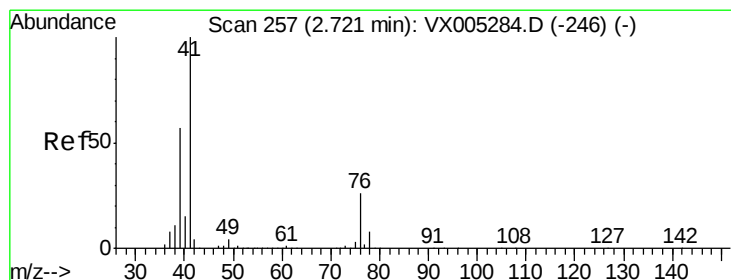
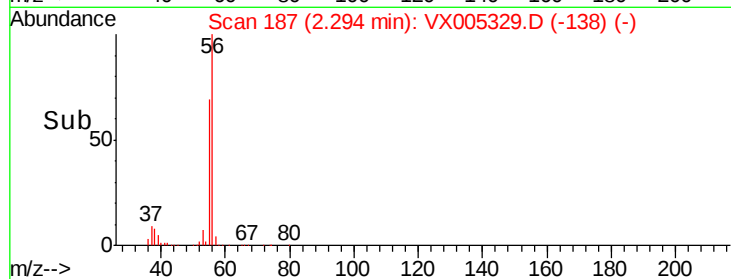
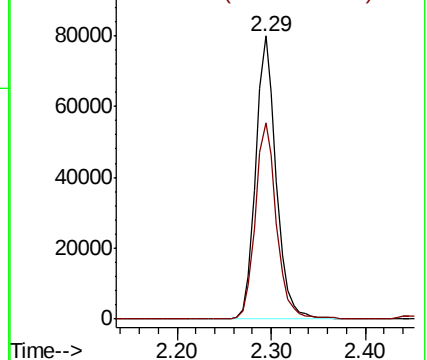
56 100

55 70.9 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.202 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

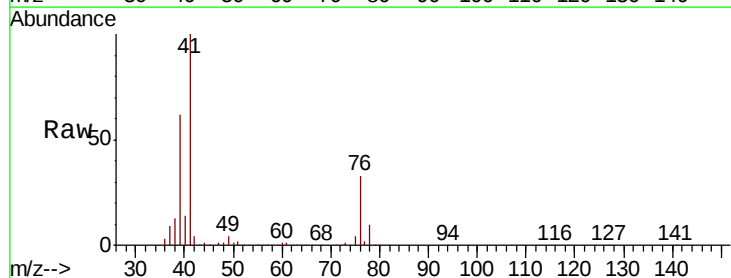
Tgt Ion: 41 Resp: 276719

Ion Ratio Lower Upper

41 100

39 59.2 48.9 73.3

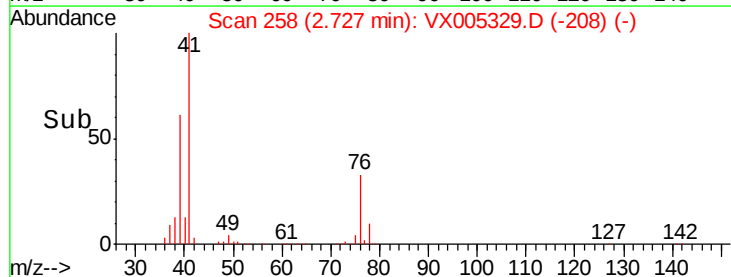
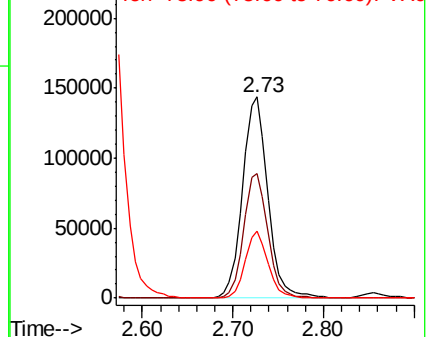
76 30.0 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 230.770 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

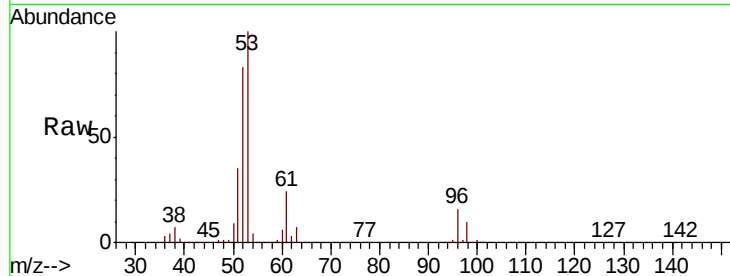
Tot Ion: 53 Resp: 478846

Ion Ratio Lower Upper

53 100

52 83.3 65.2 97.8

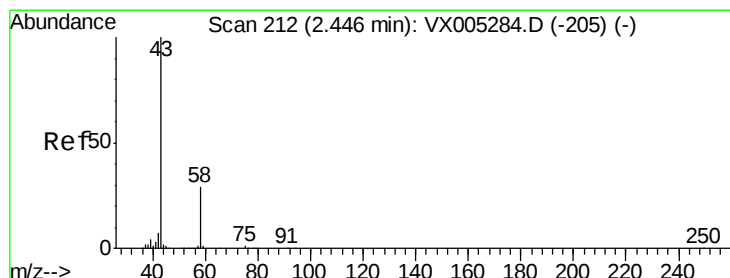
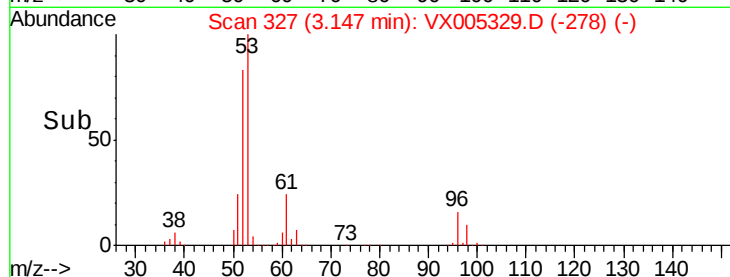
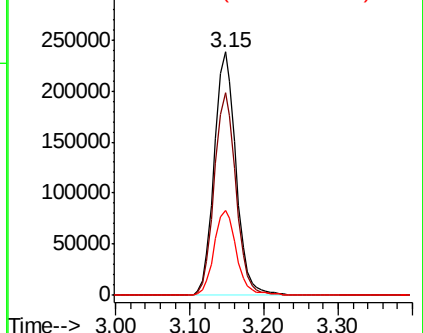
51 35.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.720 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005329.D

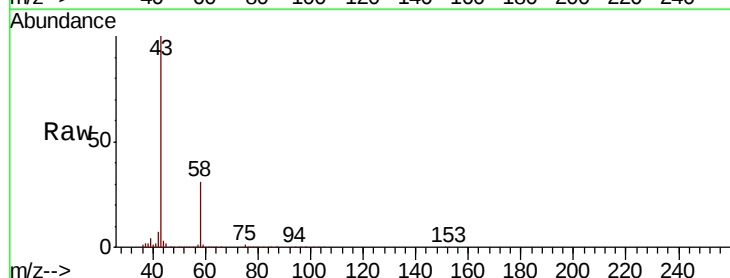
Acq: 15 Oct 2018 08:15

Tgt Ion: 43 Resp: 449922

Ion Ratio Lower Upper

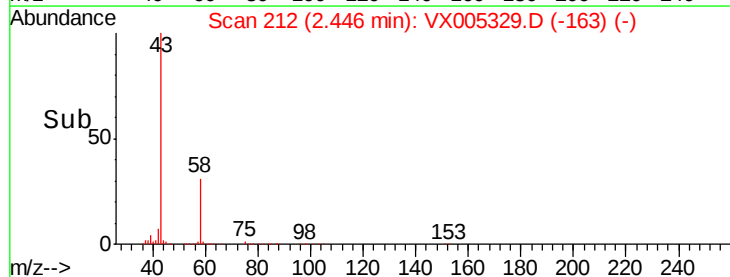
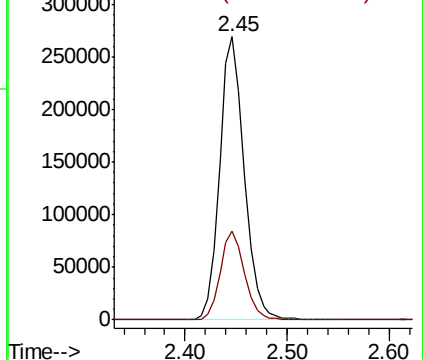
43 100

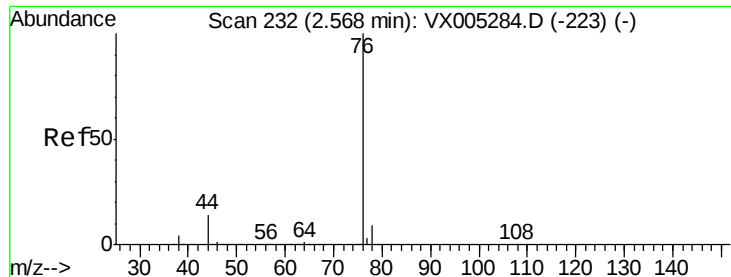
58 31.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

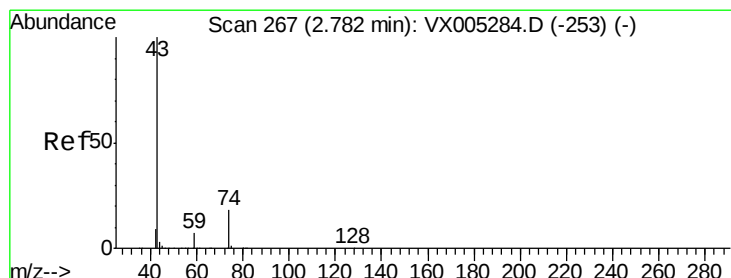
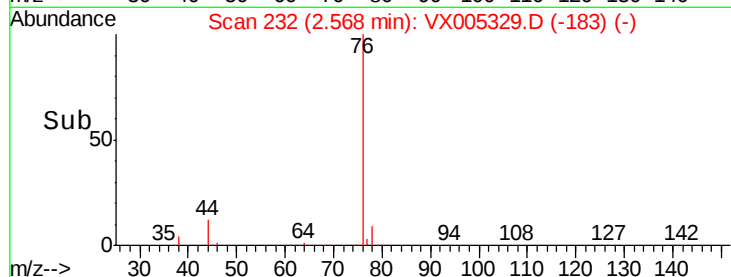
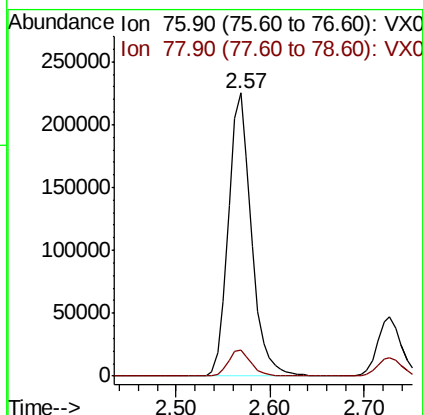
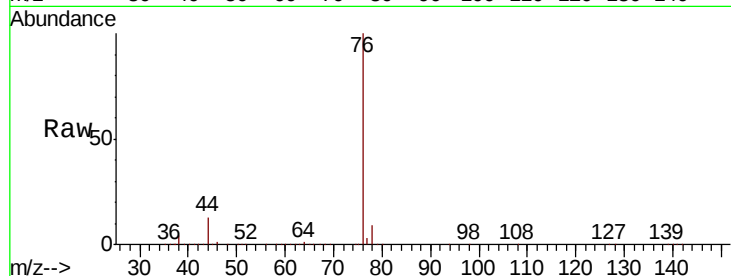




#17
Carbon Disulfide
Concen: 49.176 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

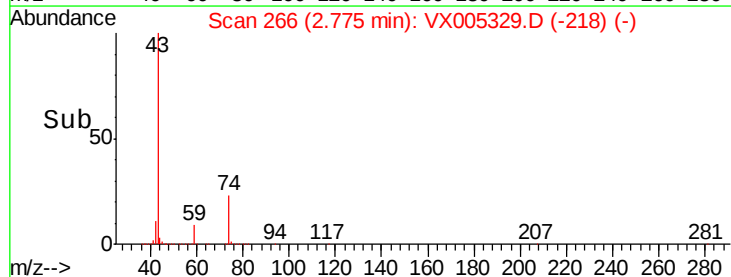
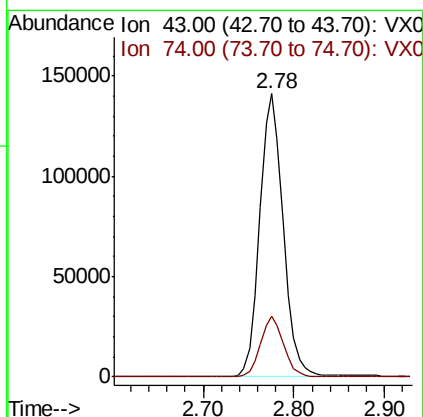
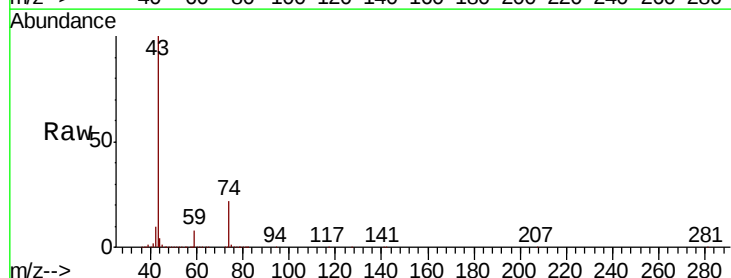
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

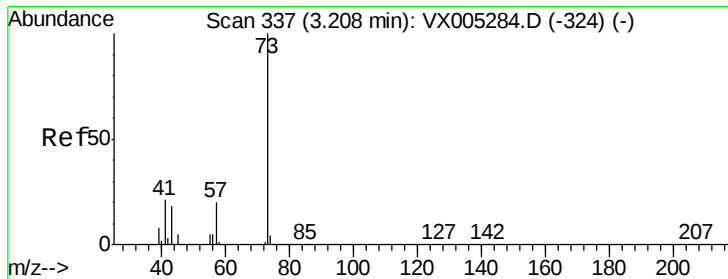
Tot Ion: 76 Resp: 381612
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 46.955 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 43 Resp: 250723
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2

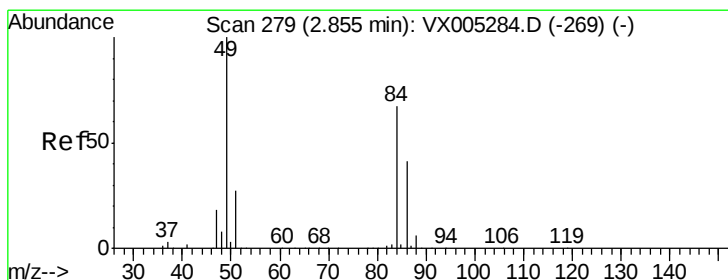
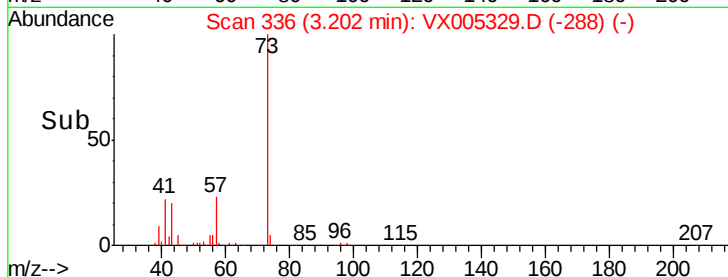
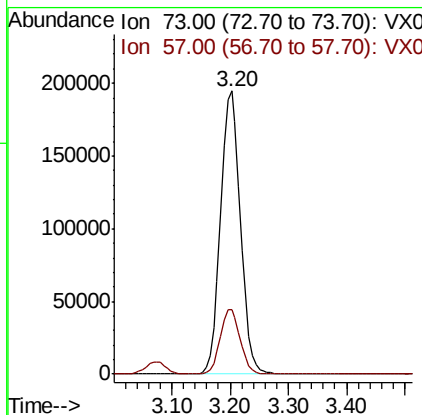
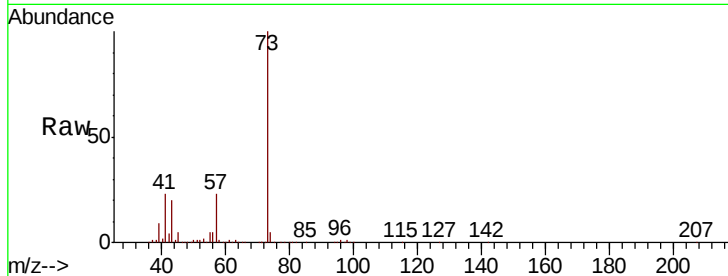




#19
Methyl tert-butyl Ether
Concen: 50.941 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

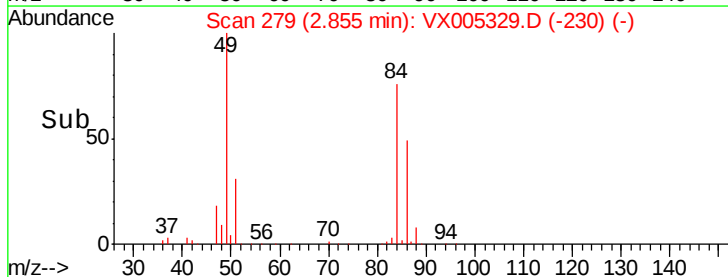
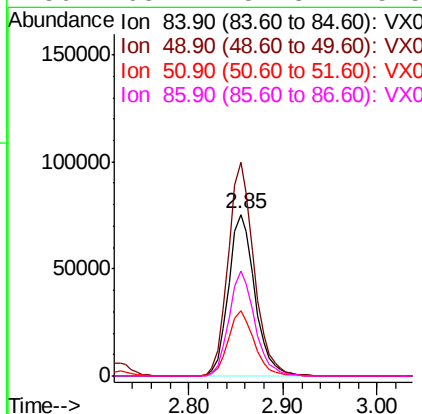
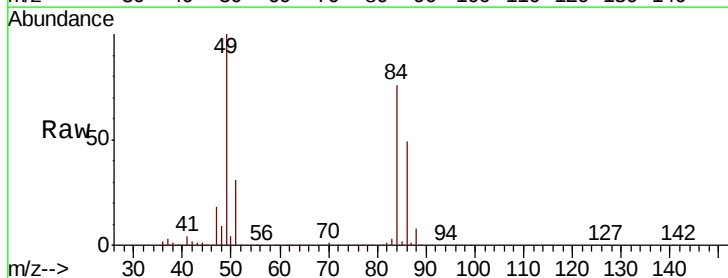
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 459590
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 53.589 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 84 Resp: 146294
Ion Ratio Lower Upper
84 100
49 132.3 101.2 151.8
51 40.6 29.5 44.3
86 65.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.769 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

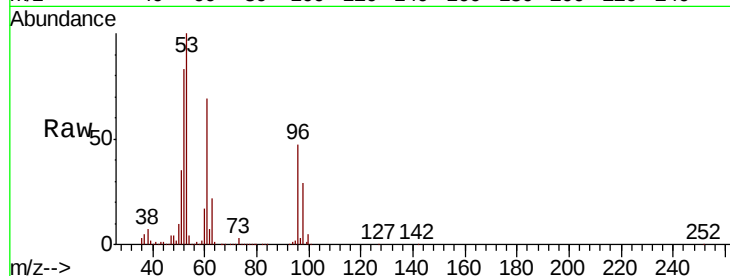
Tot Ion: 96 Resp: 138449

Ion Ratio Lower Upper

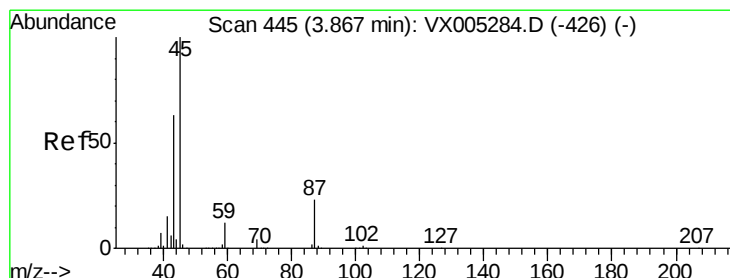
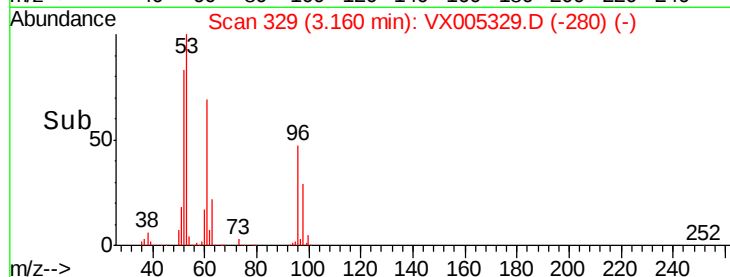
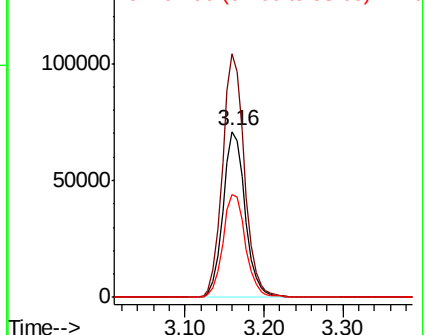
96 100

61 146.7 113.8 170.6

98 61.7 51.8 77.8



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



#22

Diisopropyl ether

Concen: 52.616 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion: 45 Resp: 497043

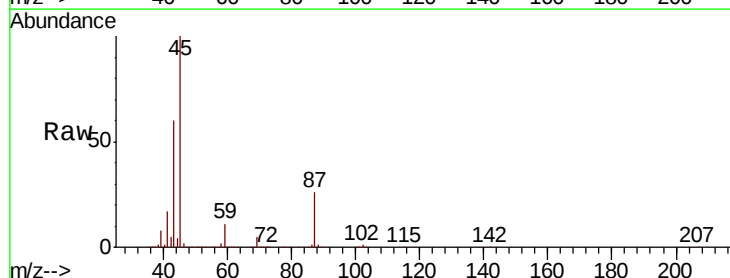
Ion Ratio Lower Upper

45 100

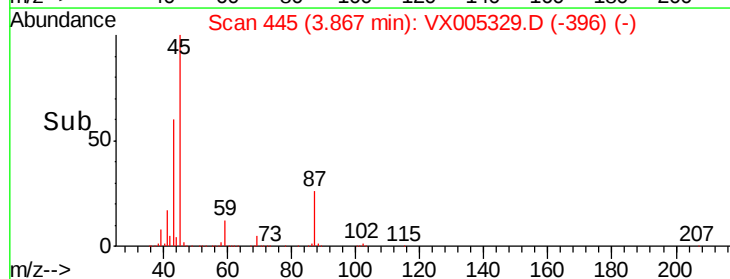
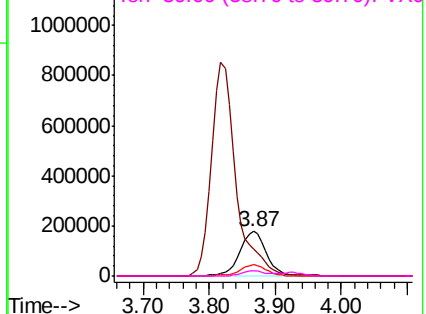
43 59.9 42.8 64.2

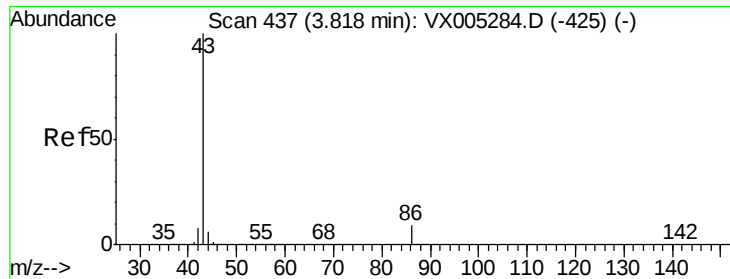
87 26.1 22.6 34.0

59 11.5 9.6 14.4



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

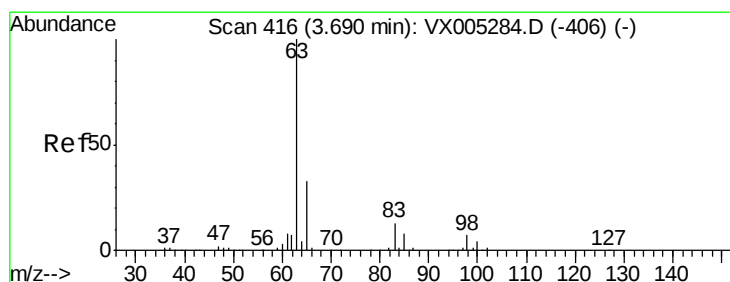
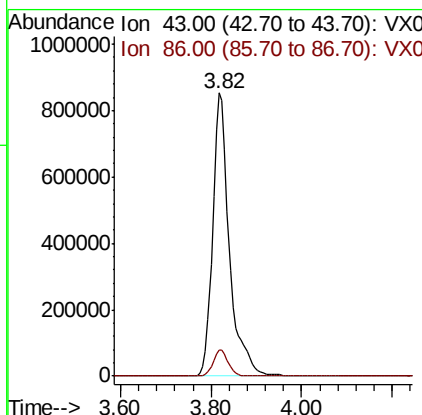
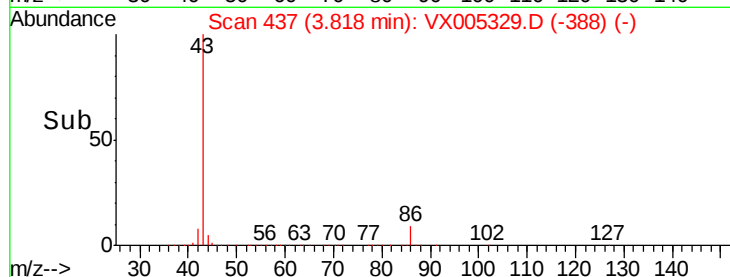
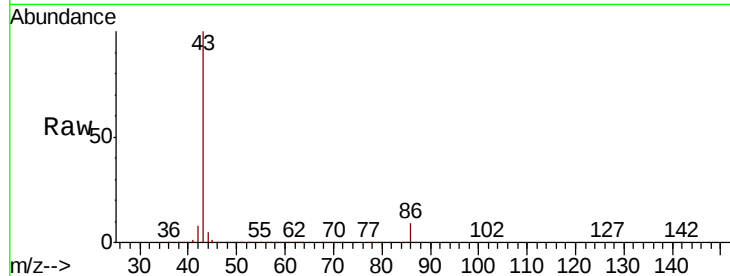




#23
 Vinyl Acetate
 Concen: 267.546 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

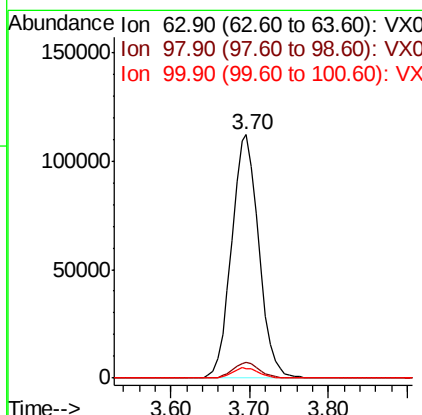
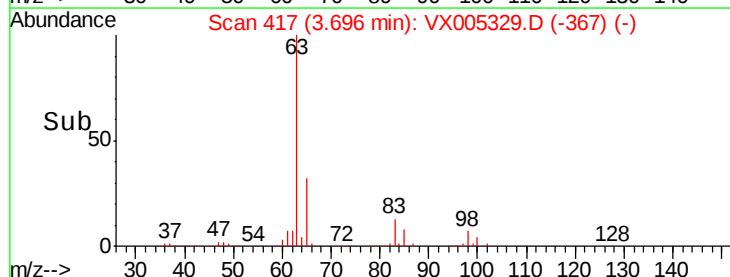
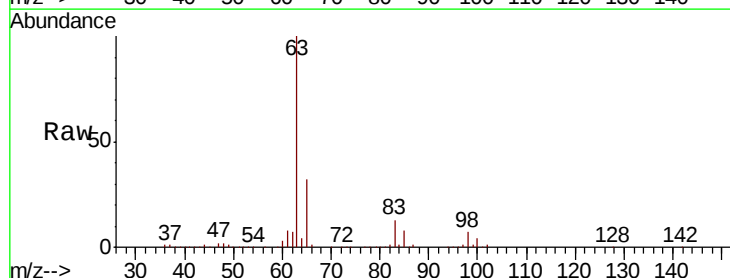
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

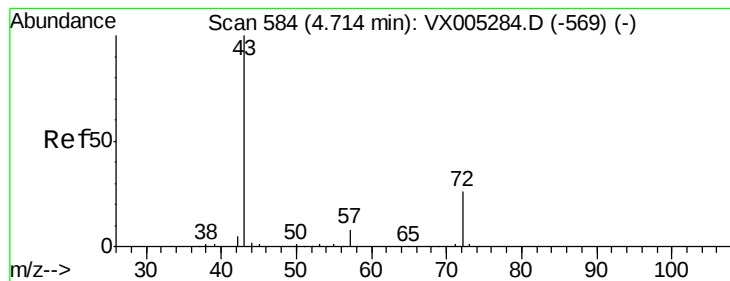
Tot Ion: 43 Resp: 2209023
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 49.538 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion: 63 Resp: 268196
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 3.9 2.4 7.1





#25

2-Butanone

Concen: 229.307 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

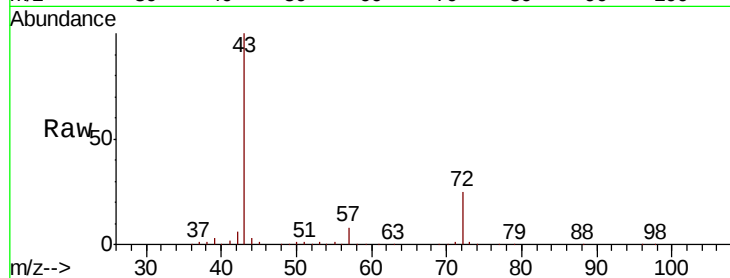
VSTDCCC050

Tot Ion: 43 Resp: 629693

Ion Ratio Lower Upper

43 100

72 24.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-569) (-)

Ion 72.00 (71.70 to 72.70): VX005284.D (-569) (-)

250000

200000

150000

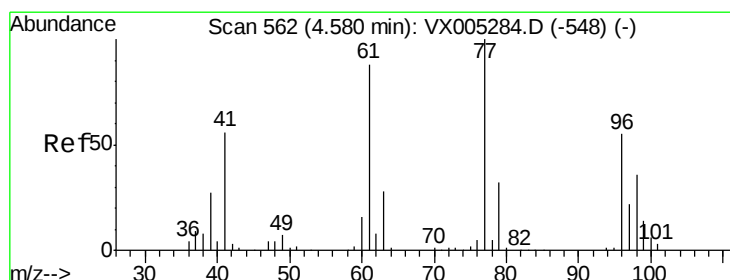
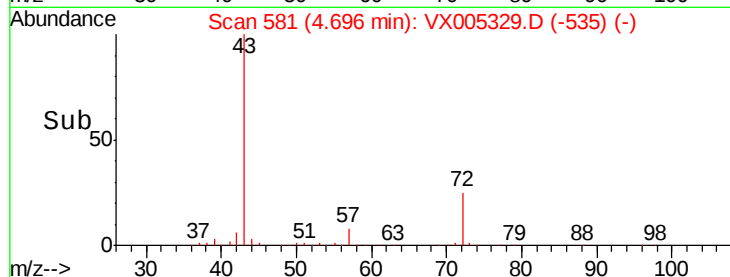
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.199 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005329.D

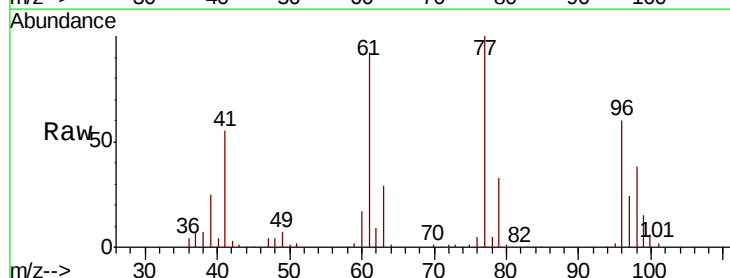
Acq: 15 Oct 2018 08:15

Tgt Ion: 77 Resp: 207306

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX005284.D (-548) (-)

Ion 96.90 (96.60 to 97.60): VX005284.D (-548) (-)

60000

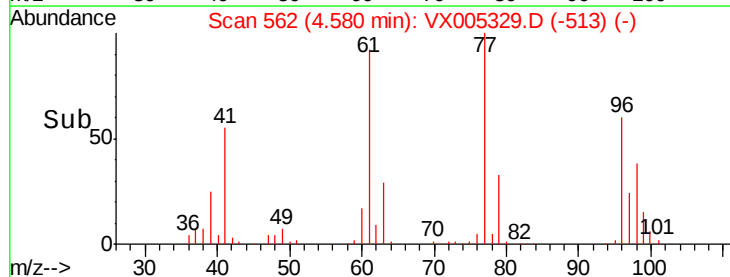
40000

20000

0

4.40 4.50 4.60 4.70

Time-->



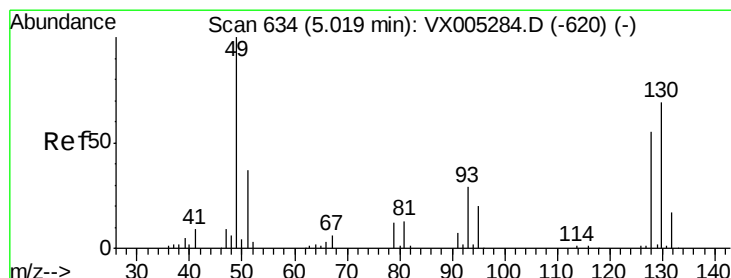
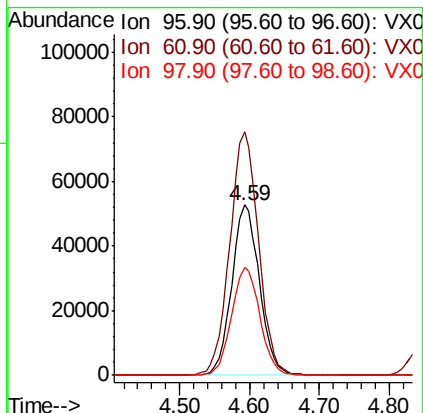
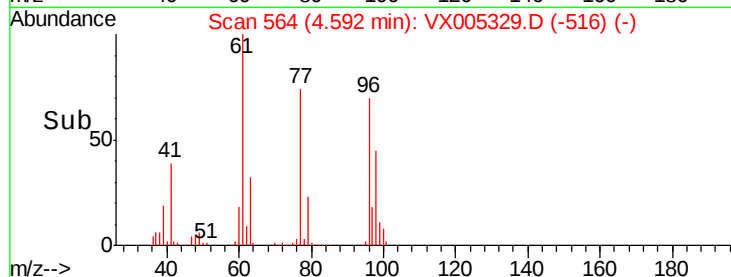
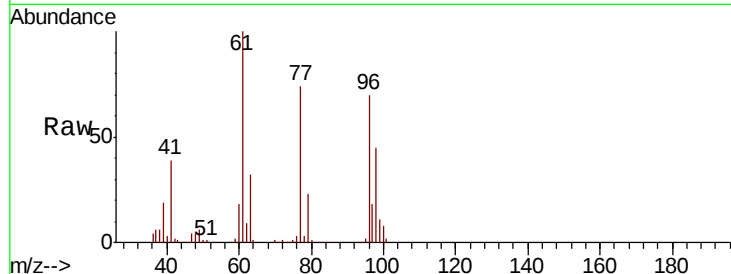


#27

cis-1,2-Dichloroethene
 Concen: 46.981 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

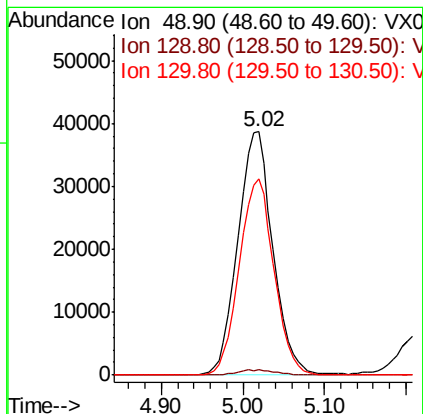
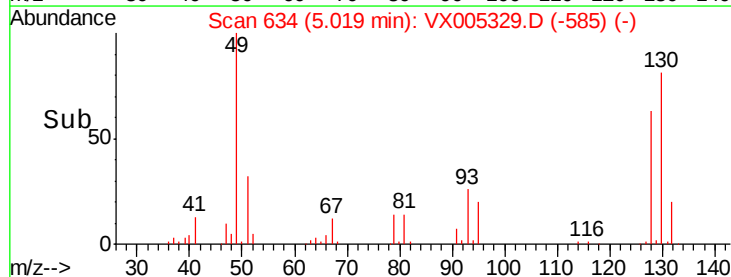
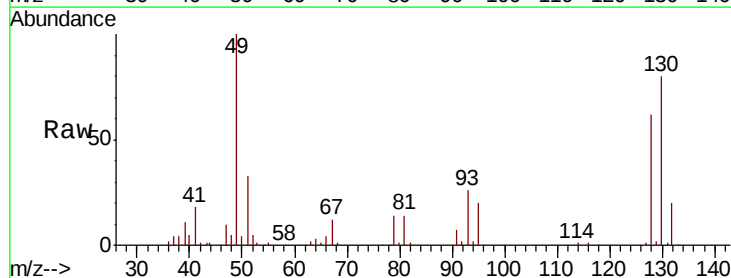
Tot Ion: 96 Resp: 144949
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 282.6
 98 64.9 0.0 130.2

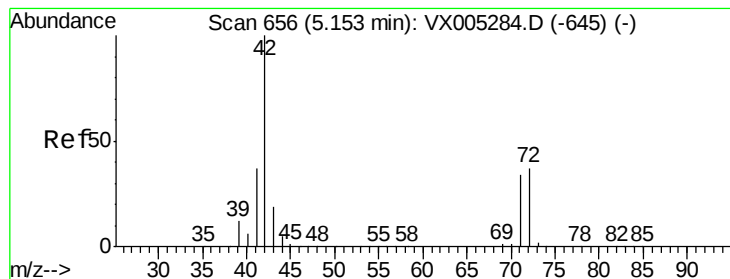


#28

Bromochloromethane
 Concen: 46.798 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion: 49 Resp: 115501
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 79.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 226.688 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

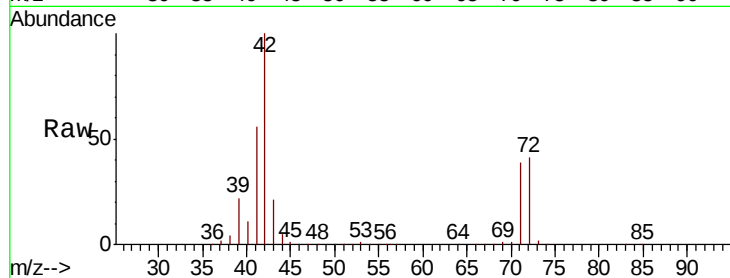
Tot Ion: 42 Resp: 397077

Ion Ratio Lower Upper

42 100

72 41.6 37.4 56.0

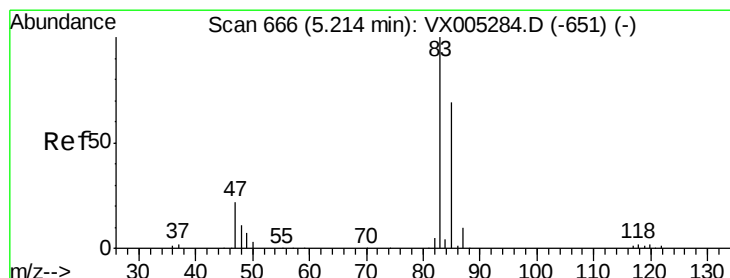
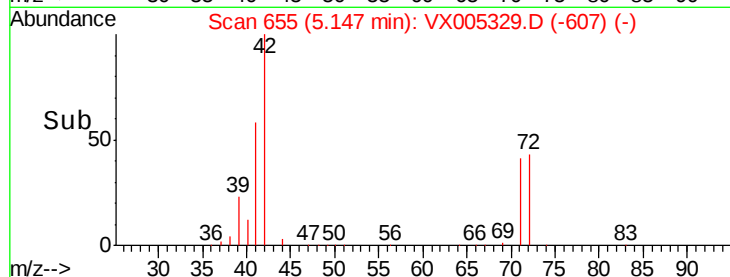
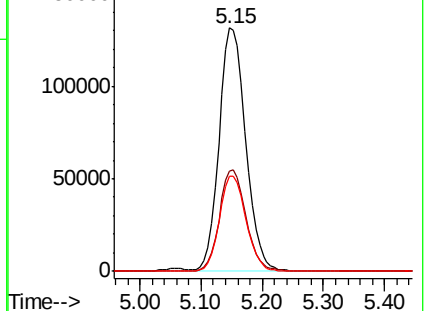
71 39.2 34.5 51.7



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: 47.793 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005329.D

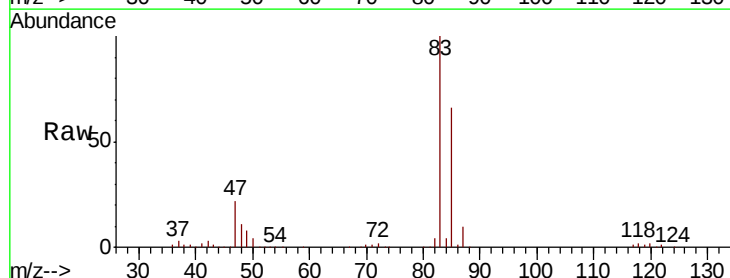
Acq: 15 Oct 2018 08:15

Tgt Ion: 83 Resp: 240166

Ion Ratio Lower Upper

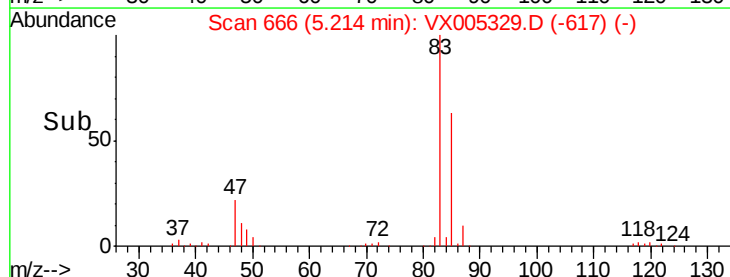
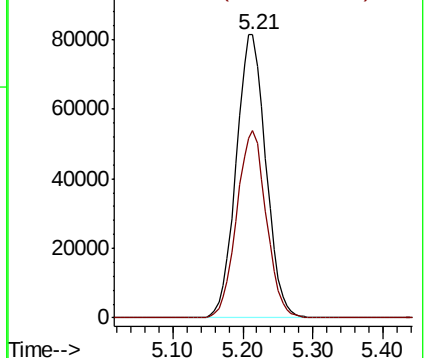
83 100

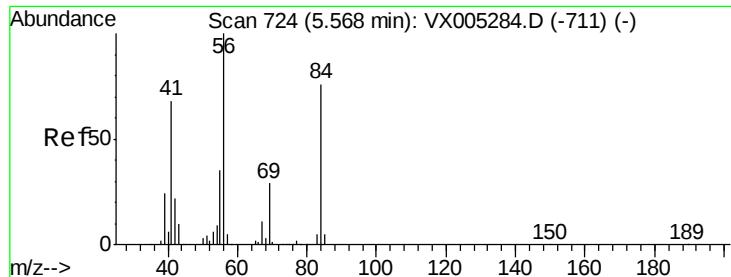
85 66.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

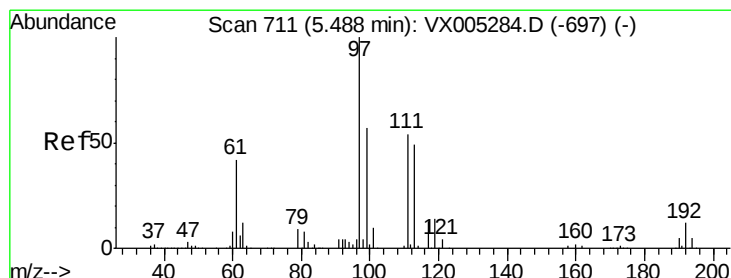
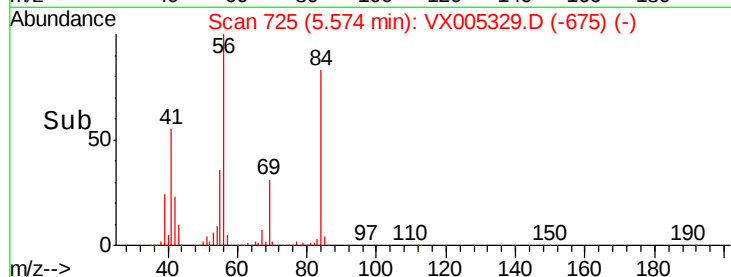
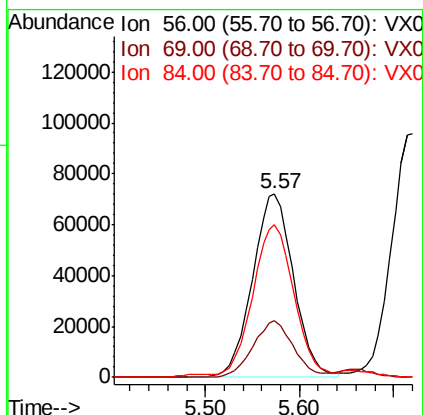
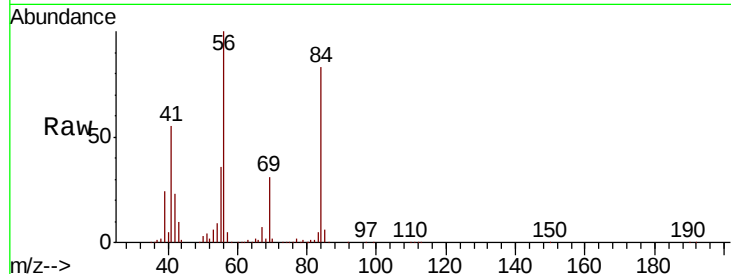




#31
Cyclohexane
Concen: 49.117 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

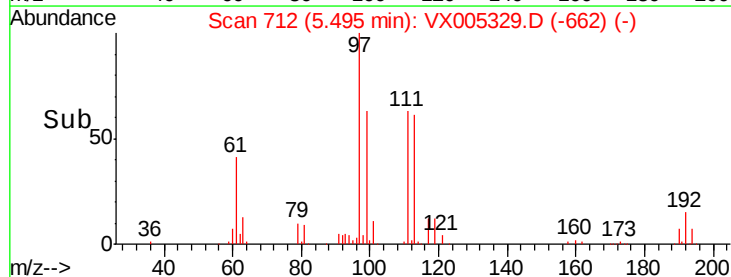
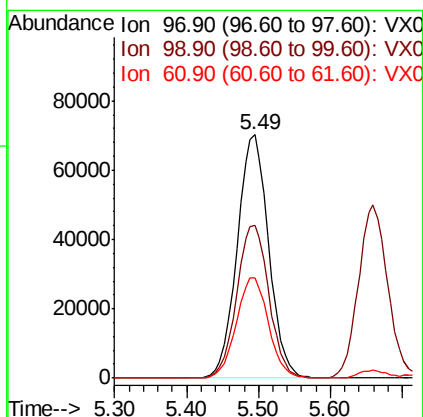
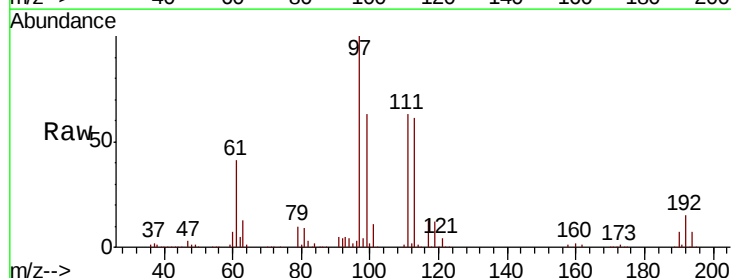
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

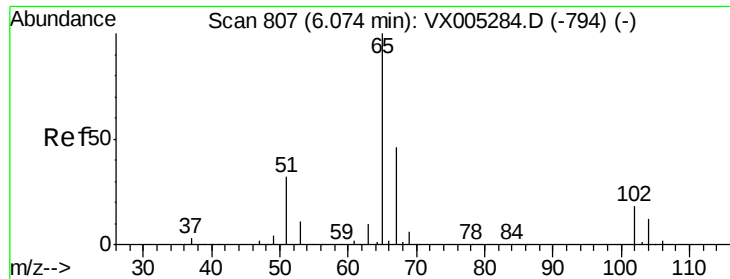
Tot Ion: 56 Resp: 219169
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.2
84 82.2 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 48.637 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 97 Resp: 212662
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 42.5 34.9 52.3

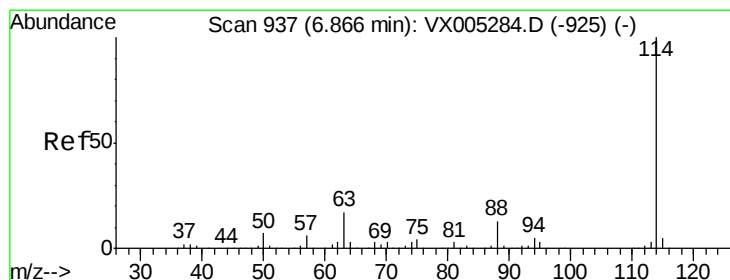
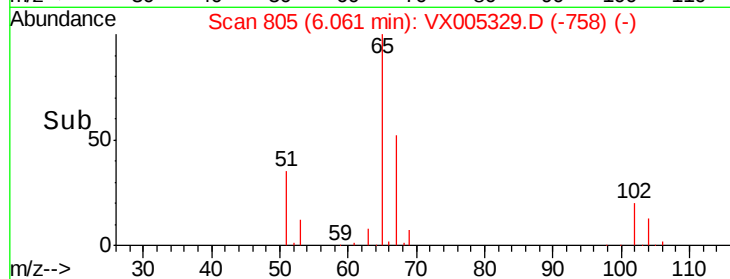
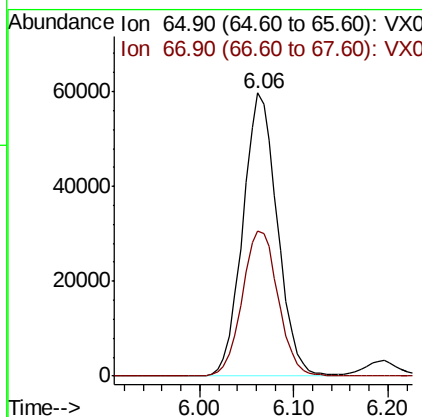
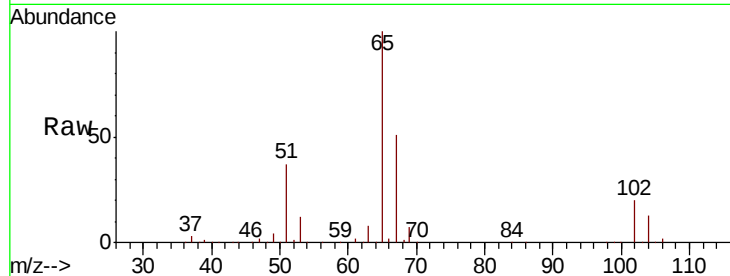




#33
 1,2-Dichloroethane-d4
 Concen: 47.143 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

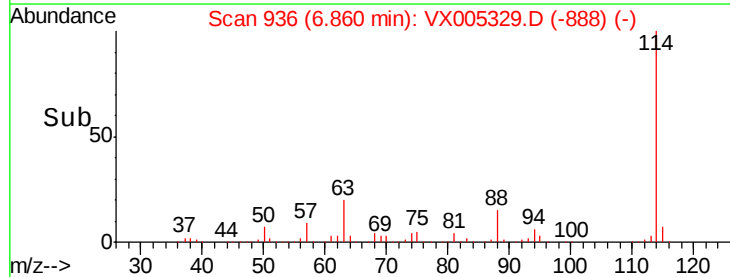
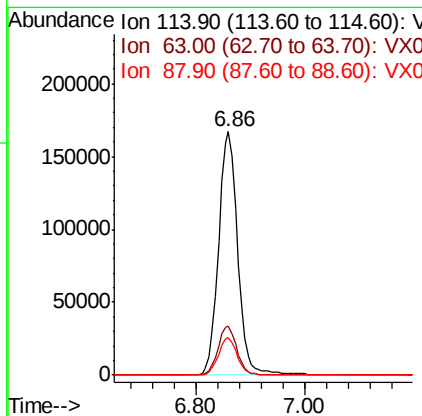
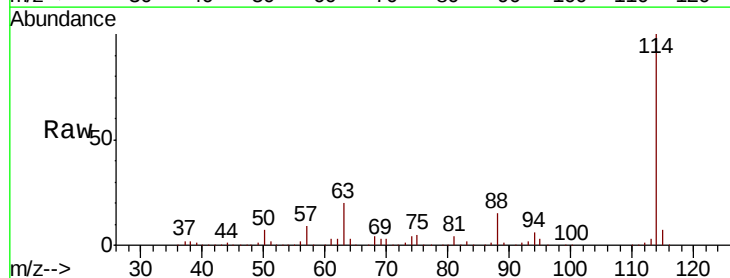
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

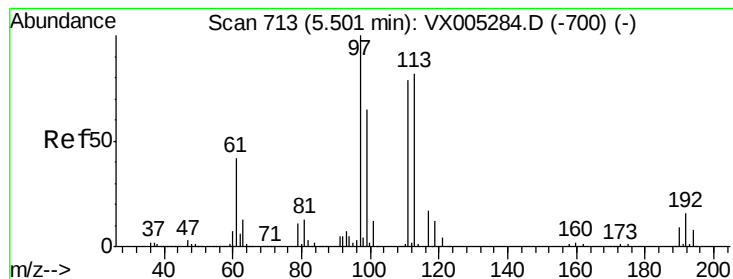
Tot Ion: 65 Resp: 153033
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion: 114 Resp: 407703
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.133 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

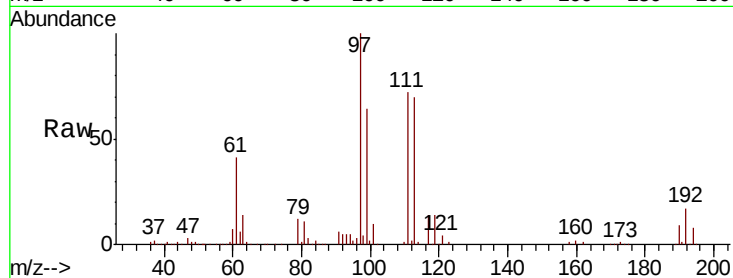
Tot Ion:113 Resp: 127273

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

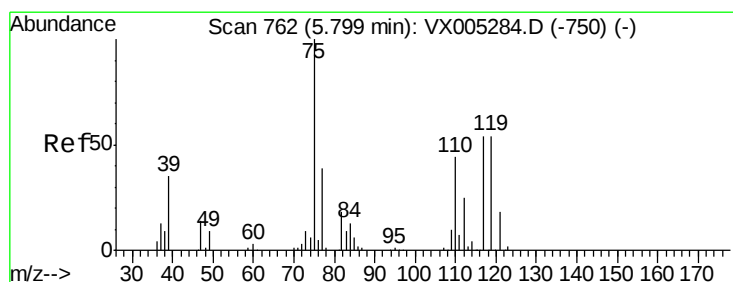
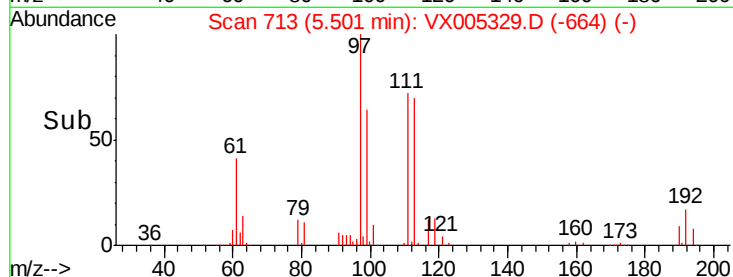
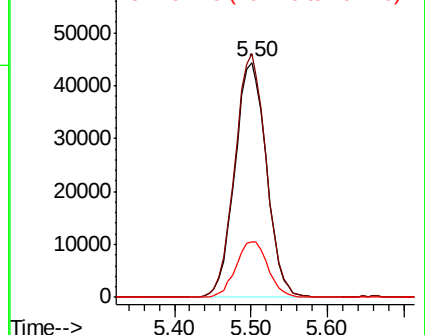
192 24.1 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.870 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

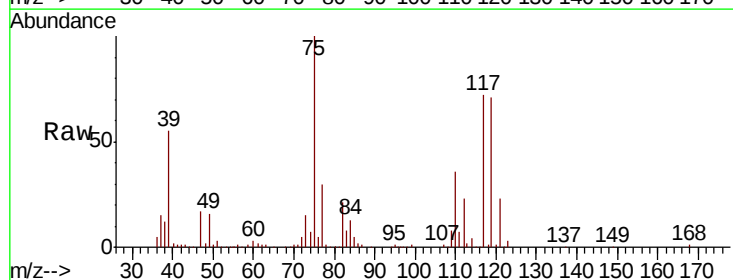
Tgt Ion: 75 Resp: 189018

Ion Ratio Lower Upper

75 100

110 35.4 18.0 54.0

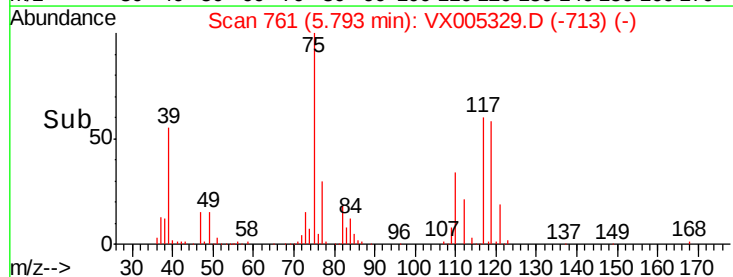
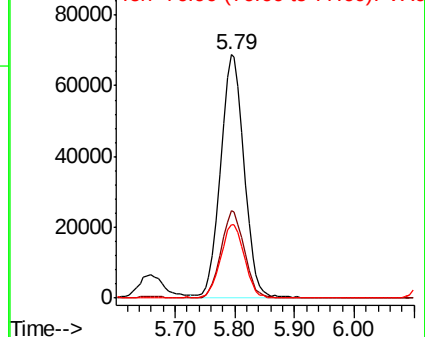
77 30.4 24.6 36.8

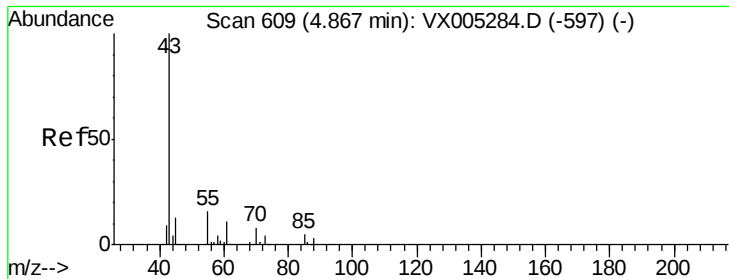


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

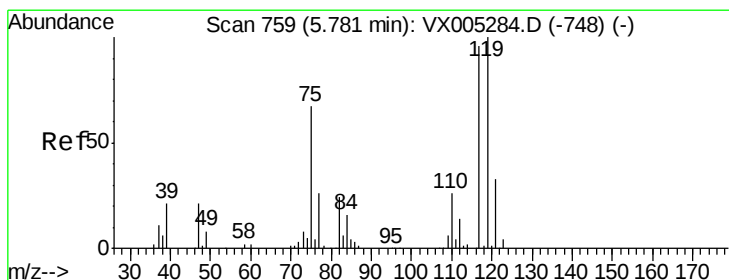
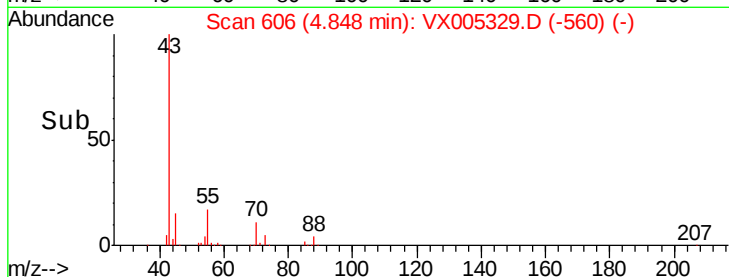
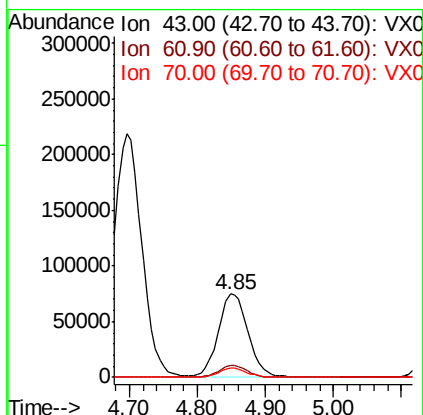
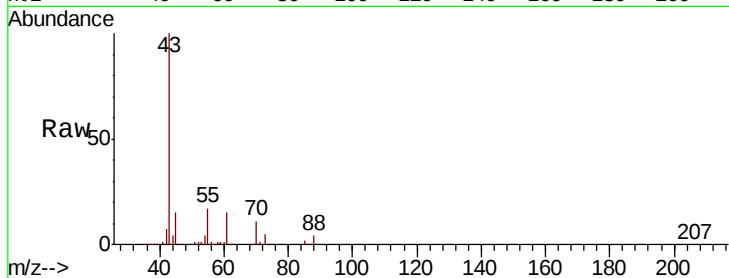




#37
Ethyl Acetate
Concen: 44.536 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.02 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

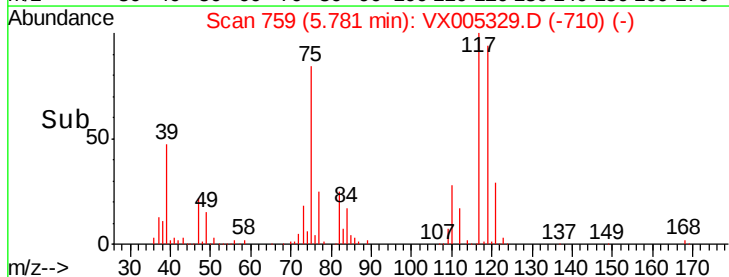
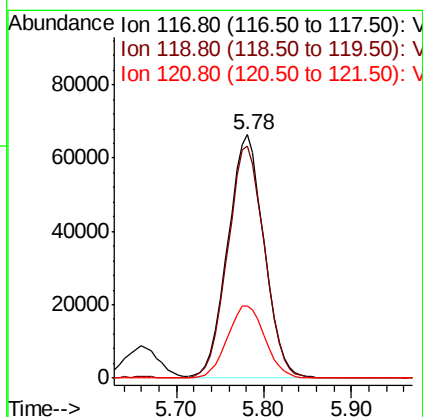
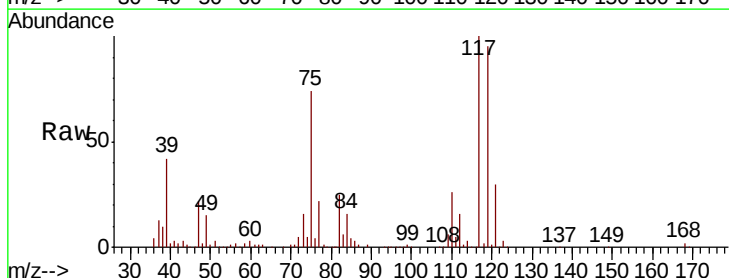
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

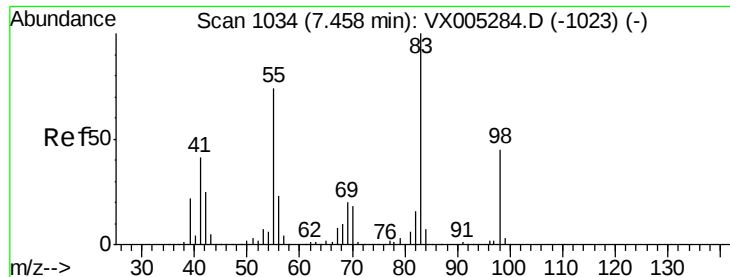
Tot Ion: 43 Resp: 226152
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 10.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 48.370 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 117 Resp: 191909
Ion Ratio Lower Upper
117 100
119 95.3 78.8 118.2
121 29.7 24.9 37.3

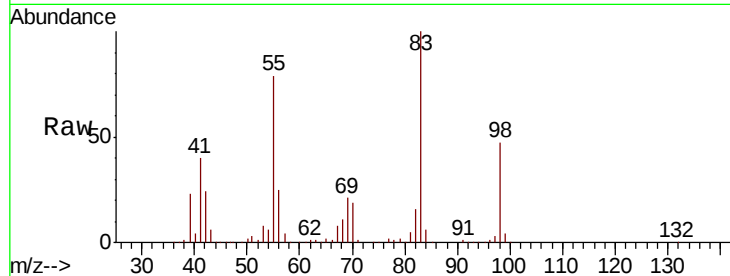




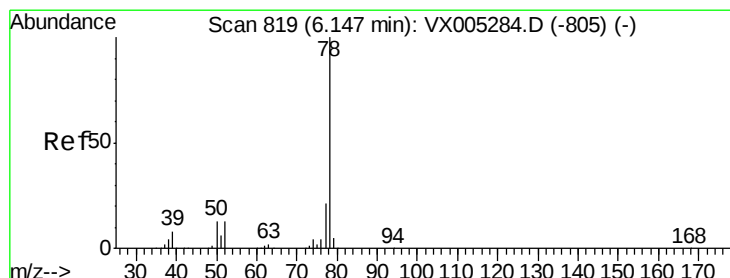
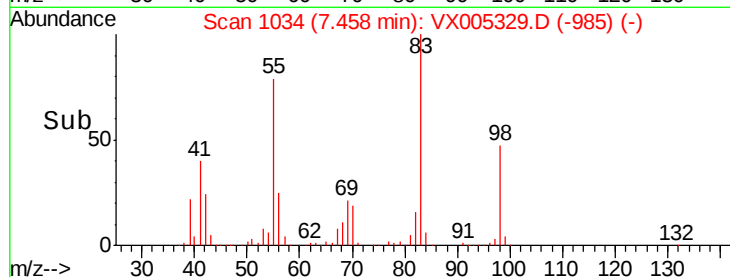
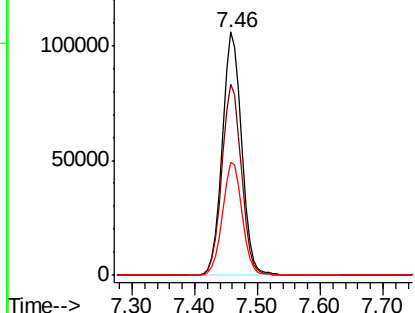
#39
Methvlcvclohexane
Concen: 53.052 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 226719
Ion Ratio Lower Upper
83 100
55 78.5 61.0 91.4
98 46.6 39.6 59.4

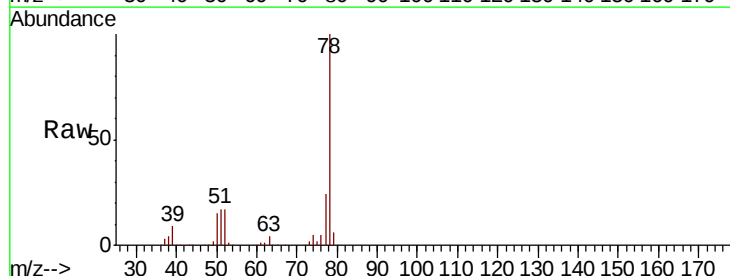


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

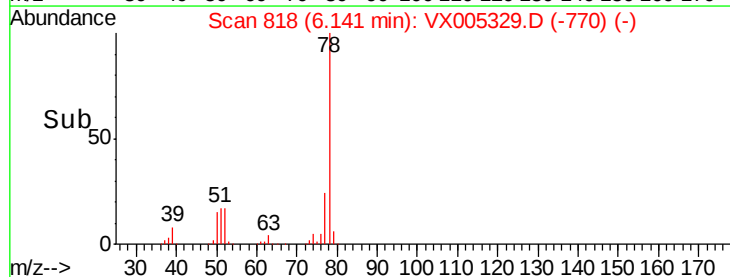
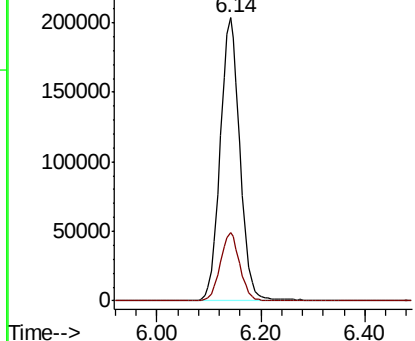


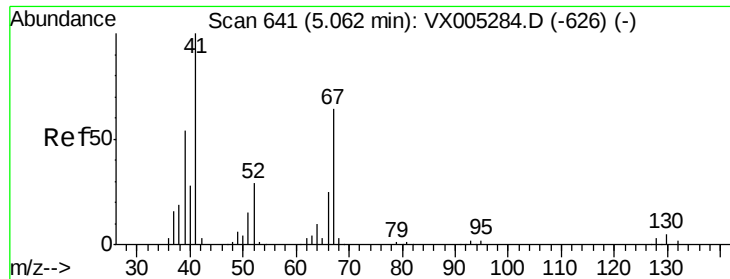
#40
Benzene
Concen: 45.783 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 78 Resp: 542300
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



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

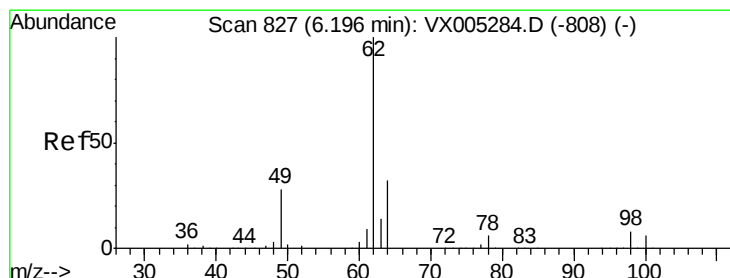
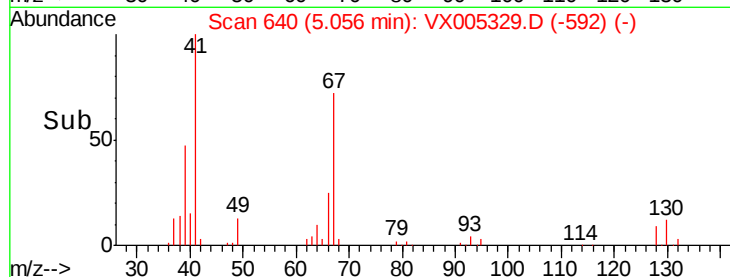
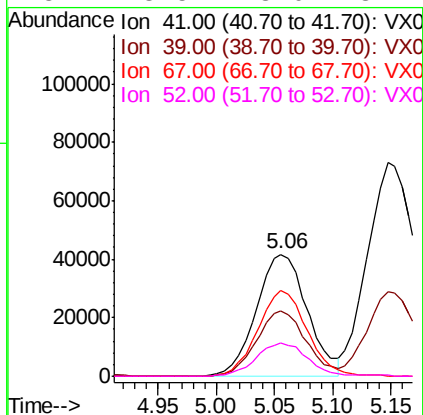
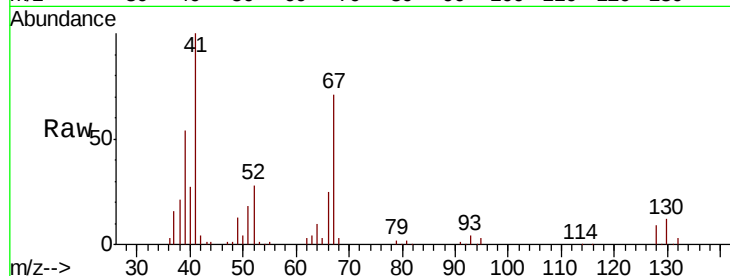




#41
Methacrylonitrile
Concen: 46.293 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

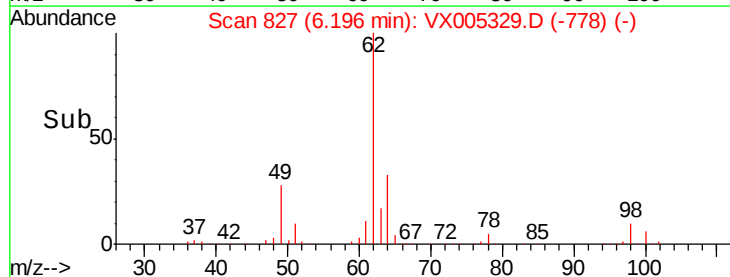
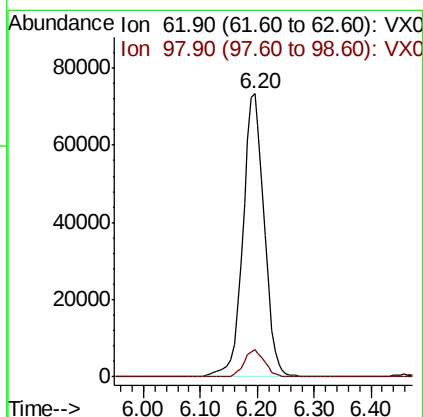
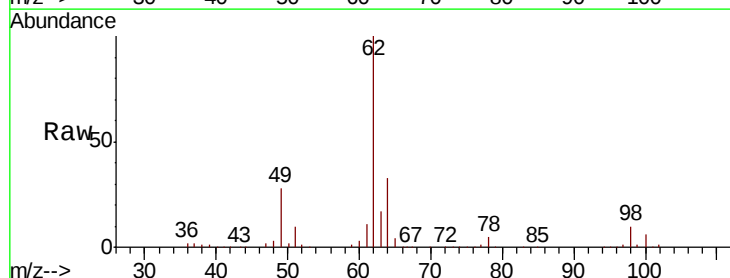
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

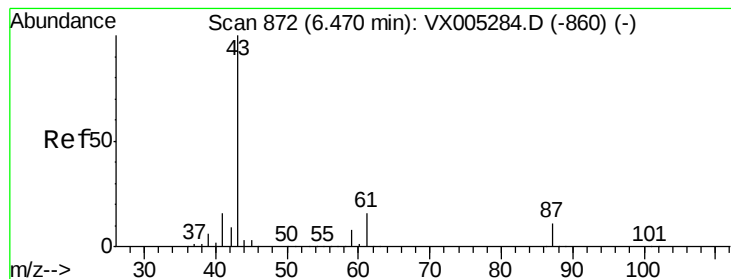
Tot Ion:	41	Resp:	126025
Ion	Ratio	Lower	Upper
41	100		
39	52.2	42.4	63.6
67	68.5	59.2	88.8
52	28.5	23.0	34.4



#42
1,2-Dichloroethane
Concen: 45.806 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion:	62	Resp:	191579
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.6





#43

Isopropyl Acetate

Concen: 49.999 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

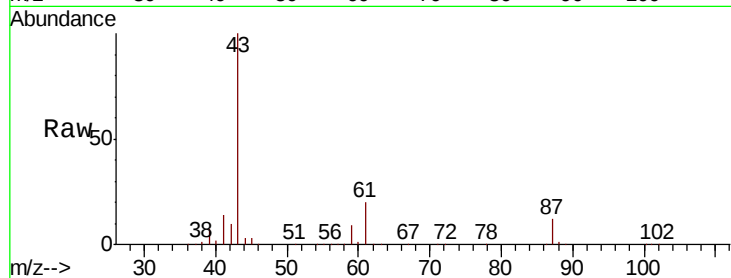
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 338208

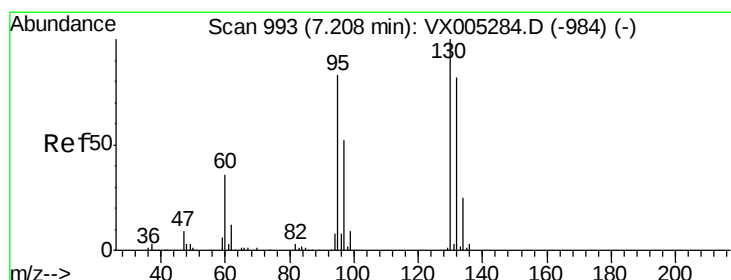
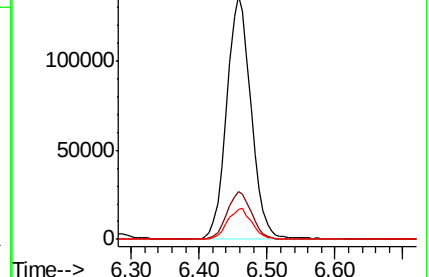
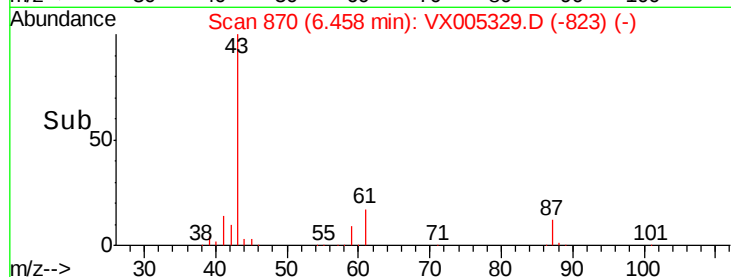
Ion	Ratio	Lower	Upper
43	100		
61	19.8	17.0	25.4
87	12.8	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.802 ug/l

RT: 7.21 min Scan# 994

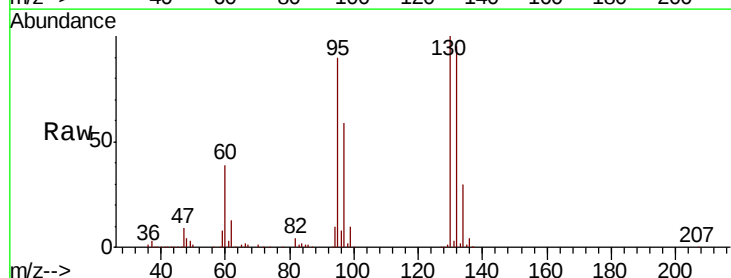
Delta R.T. 0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

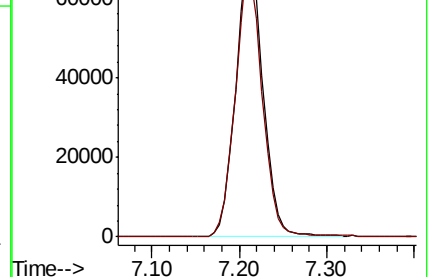
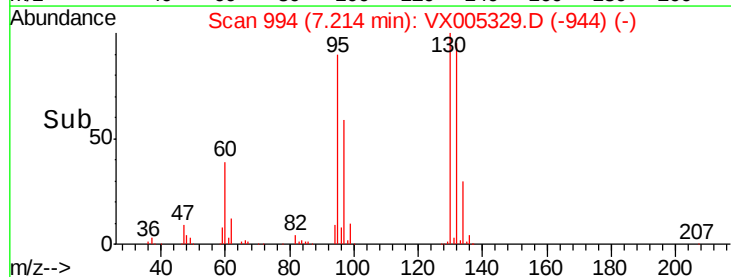
Tgt Ion:130 Resp: 153616

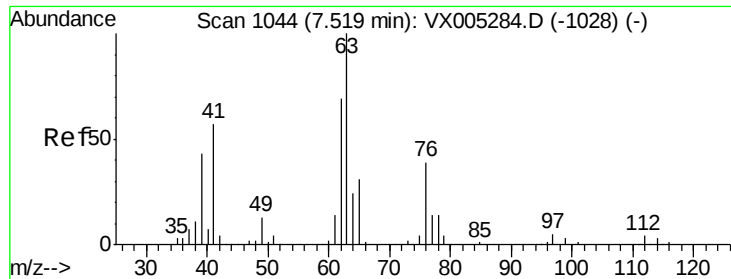
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

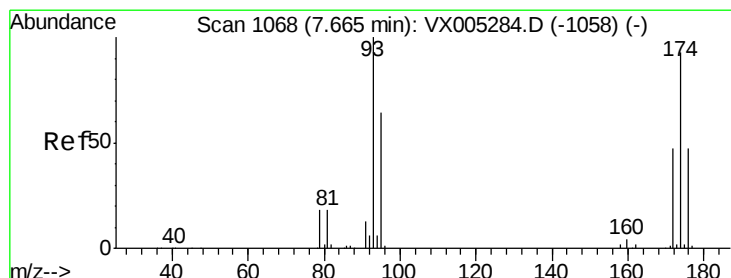
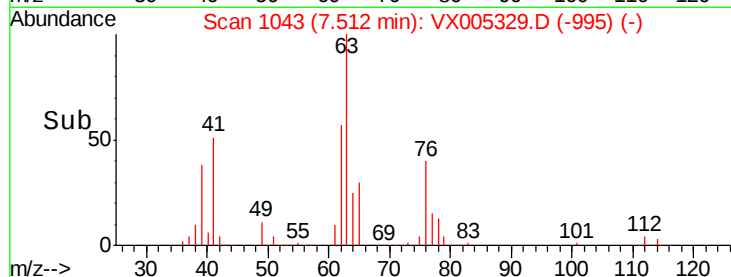
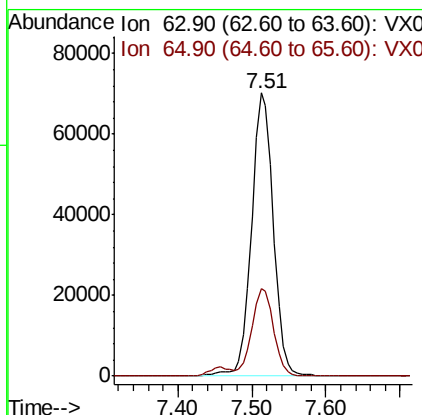
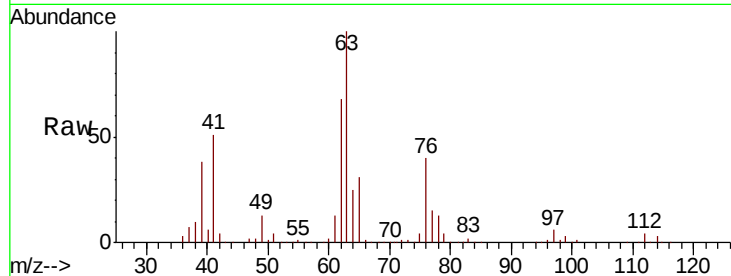




#45
 1,2-Dichloropropane
 Concen: 49.772 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

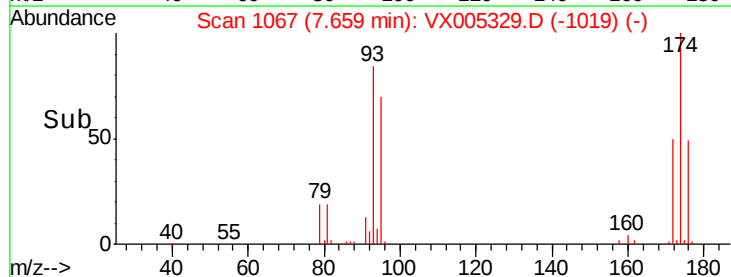
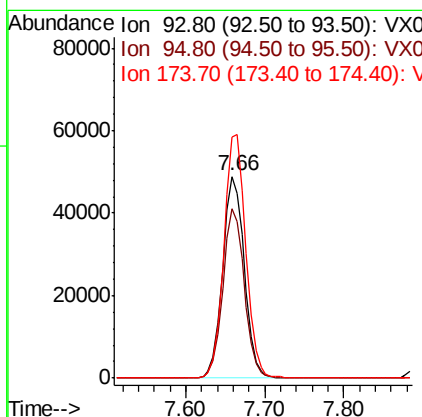
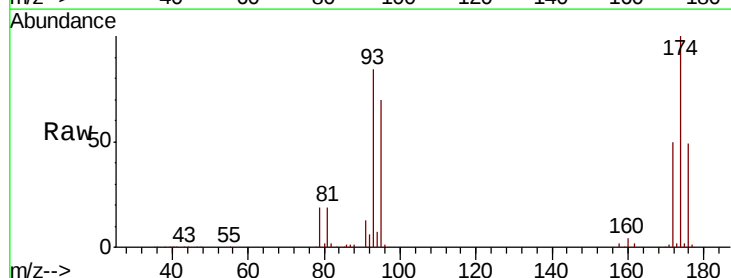
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

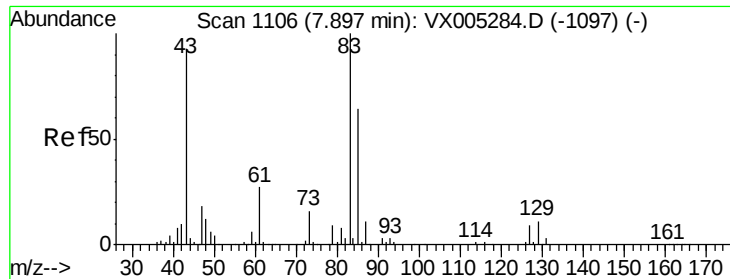
Tot Ion: 63 Resp: 144616
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 48.684 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion: 93 Resp: 93361
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.5 98.3
 174 121.6 94.2 141.4





#47

Bromodichloromethane

Concen: 51.530 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

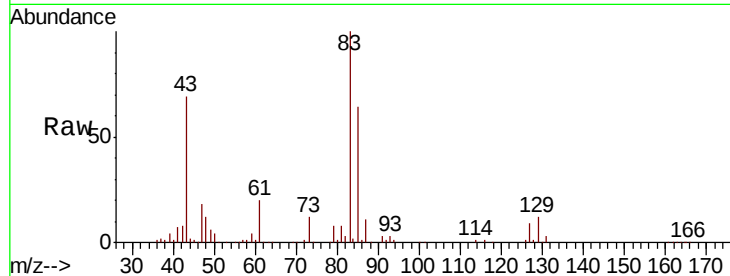
Tot Ion: 83 Resp: 182786

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

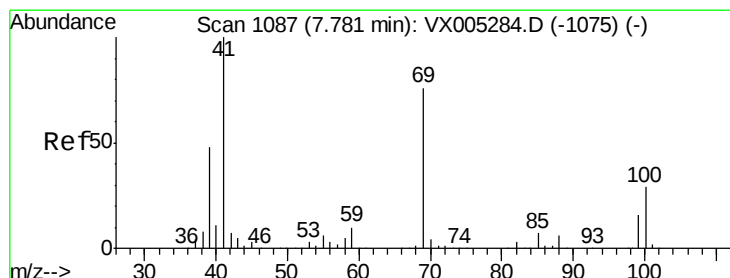
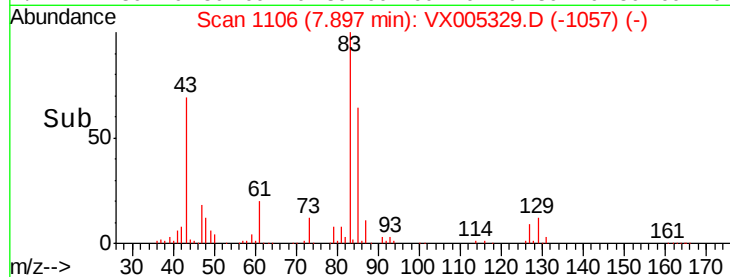
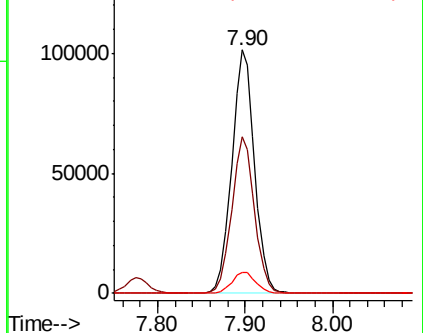
127 8.8 7.3 10.9



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: 51.172 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

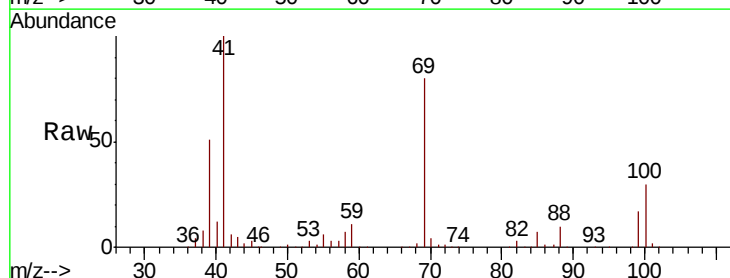
Tgt Ion: 41 Resp: 179527

Ion Ratio Lower Upper

41 100

69 81.9 70.2 105.4

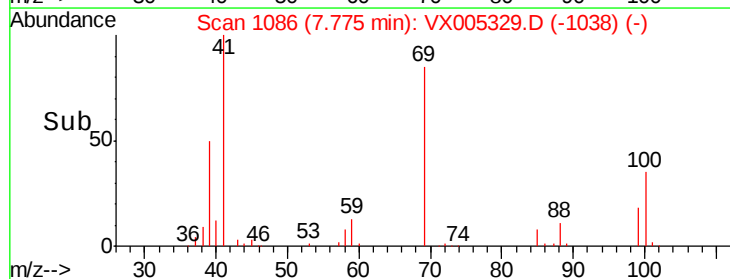
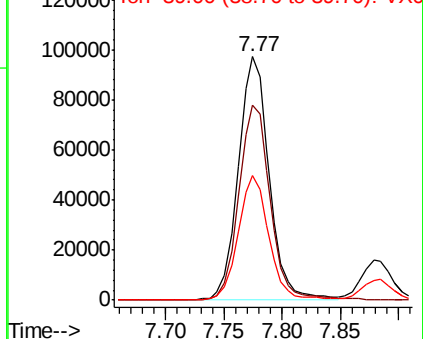
39 50.7 42.7 64.1

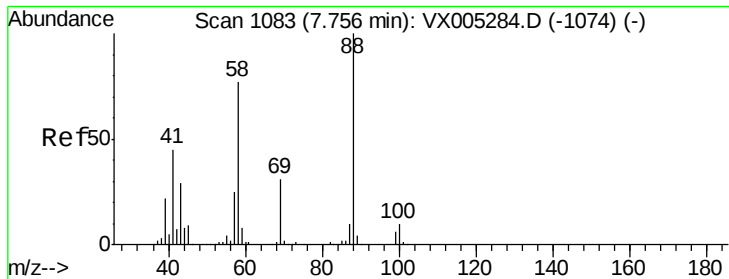


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 949.247 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

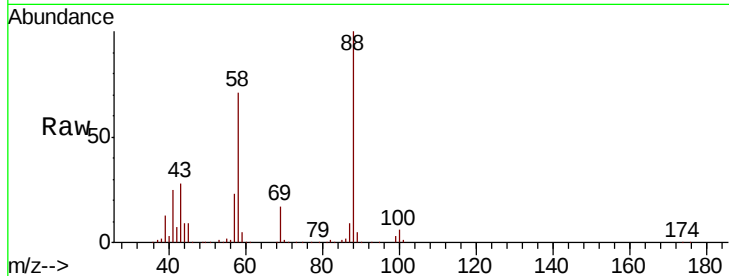
Tot Ion: 88 Resp: 76812

Ion Ratio Lower Upper

88 100

43 32.2 24.7 37.1

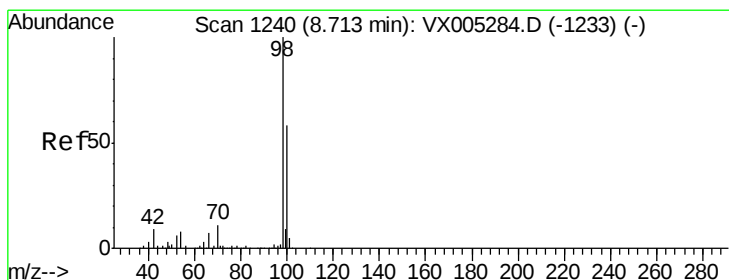
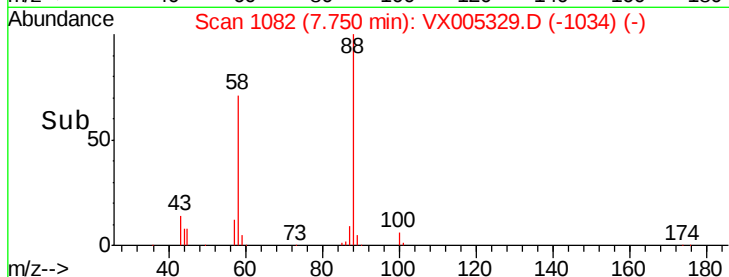
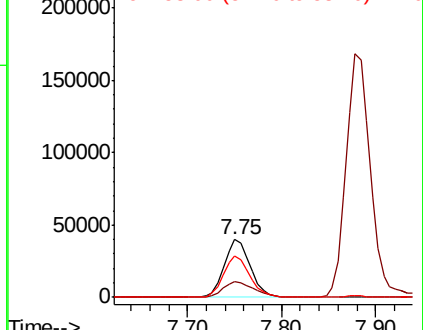
58 72.0 55.3 82.9



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: 52.798 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005329.D

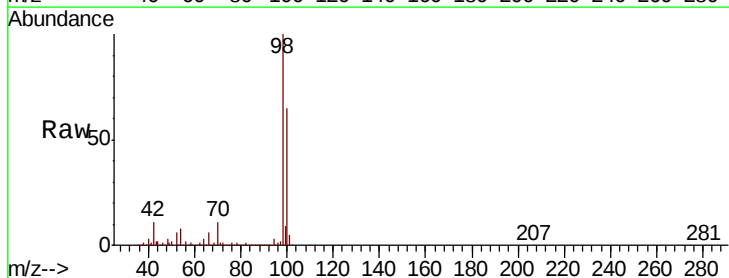
Acq: 15 Oct 2018 08:15

Tgt Ion: 98 Resp: 489459

Ion Ratio Lower Upper

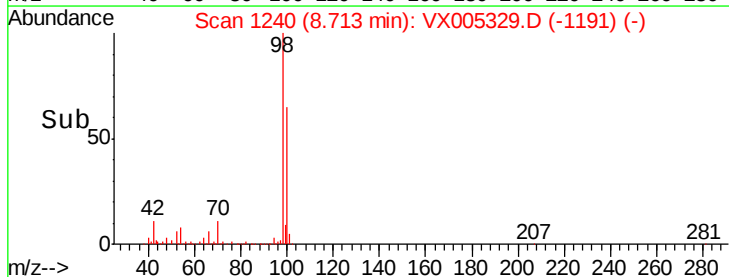
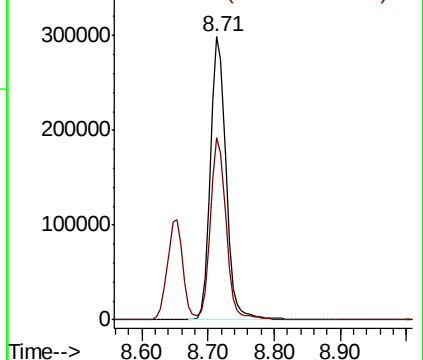
98 100

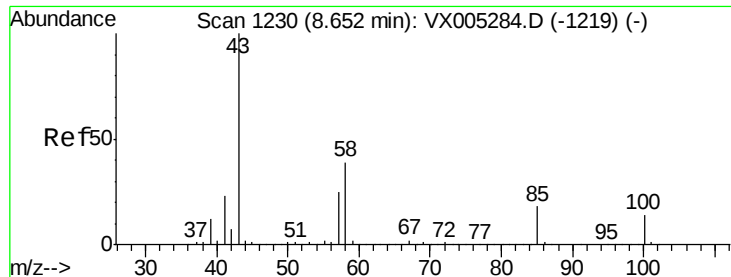
100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

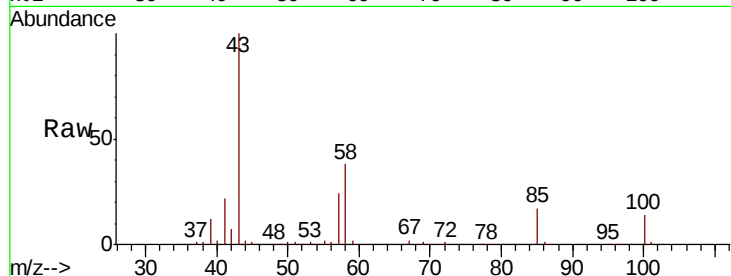




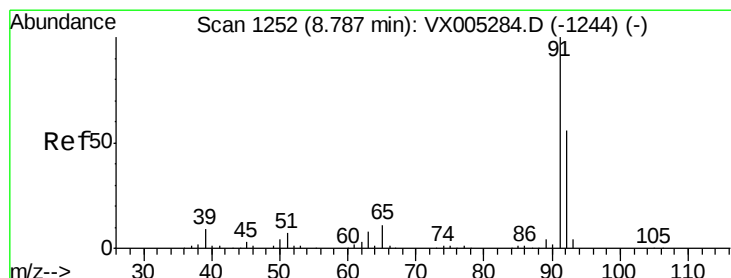
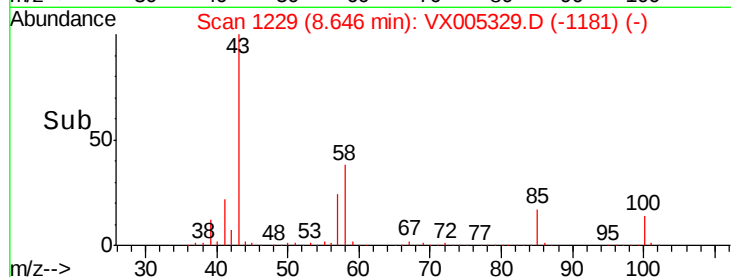
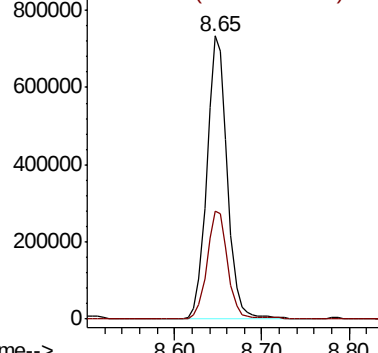
#51
4-Methyl-2-Pentanone
Concen: 255.482 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1196605
Ion Ratio Lower Upper
43 100
58 38.5 33.1 49.7

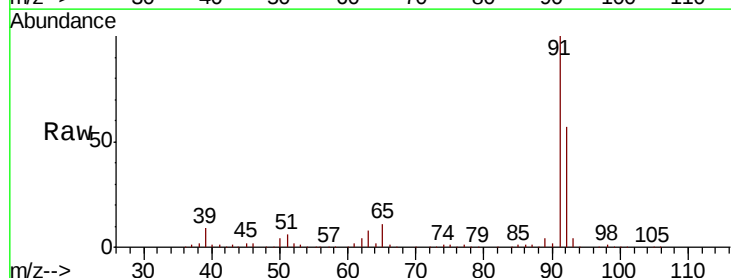


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

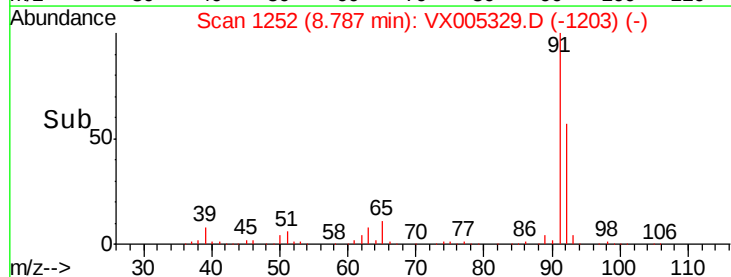
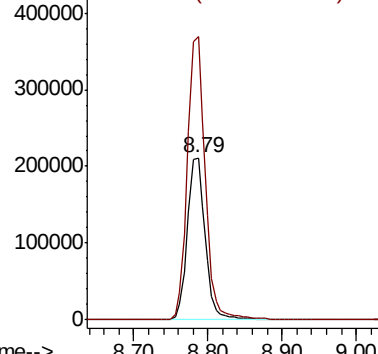


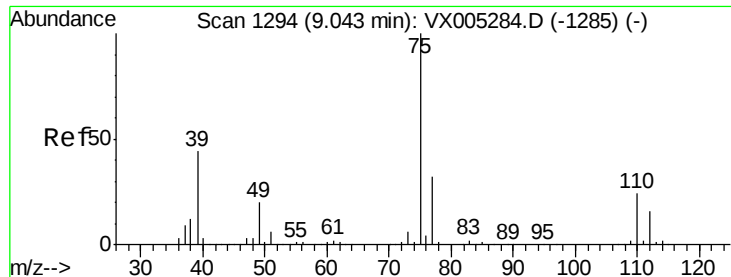
#52
Toluene
Concen: 53.895 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 92 Resp: 349256
Ion Ratio Lower Upper
92 100
91 174.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

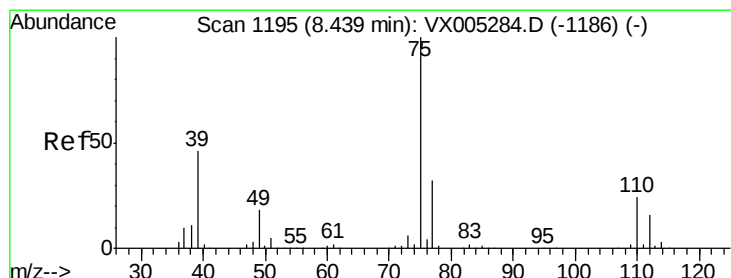
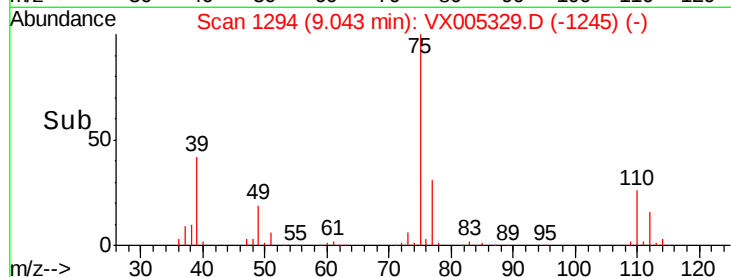
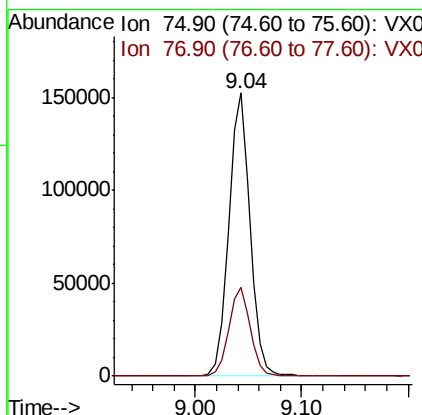
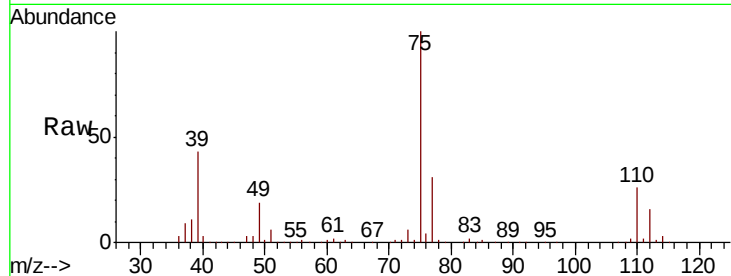




#53
 t-1,3-Dichloropropene
 Concen: 55.597 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

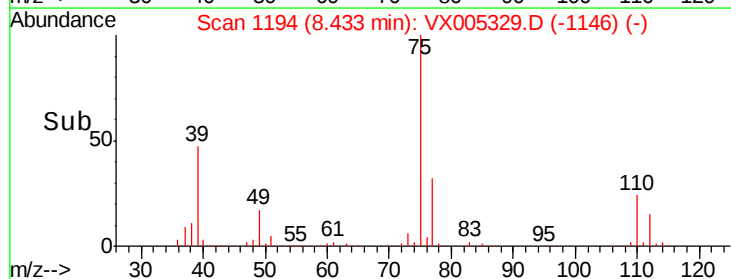
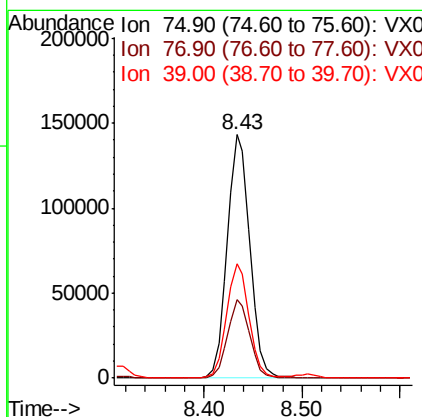
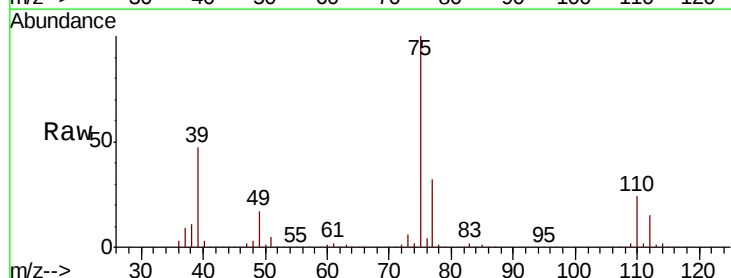
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

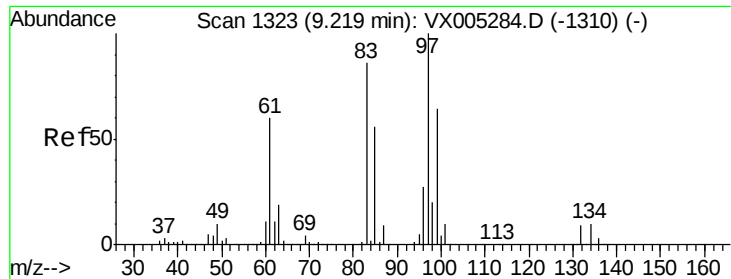
Tot Ion: 75 Resp: 213424
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.224 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion: 75 Resp: 229702
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.2
 39 46.6 36.4 54.6

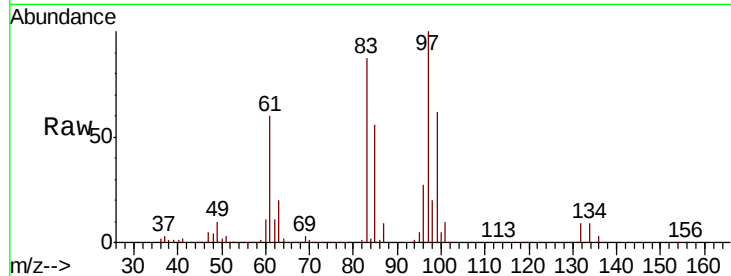




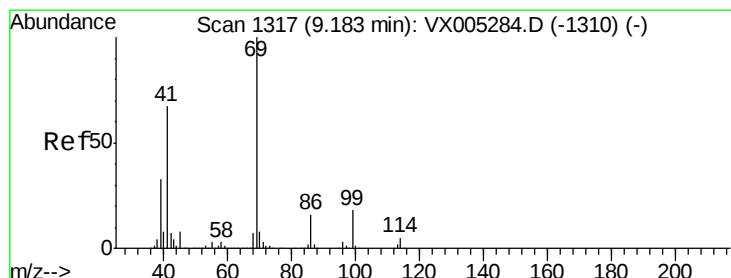
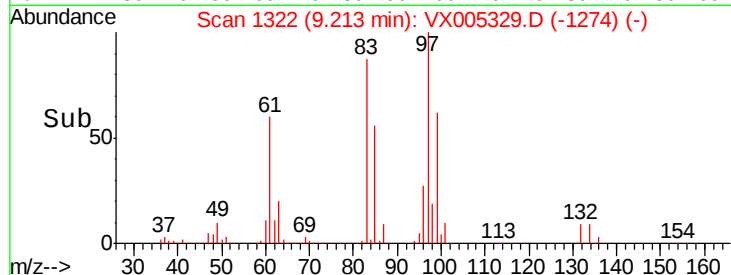
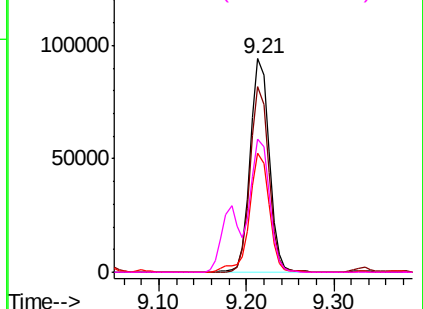
#55
 1,1,2-Trichloroethane
 Concen: 51.389 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	141051
Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.4	99.6
85	55.5	43.3	64.9
99	62.5	49.0	73.4

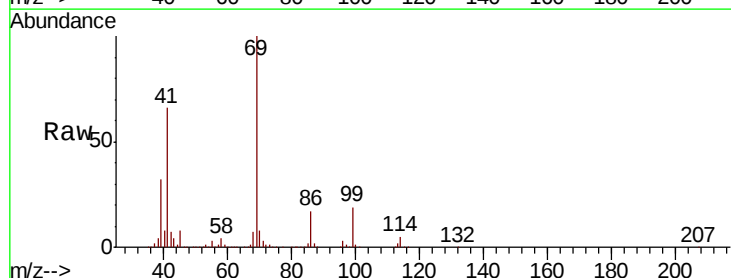


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

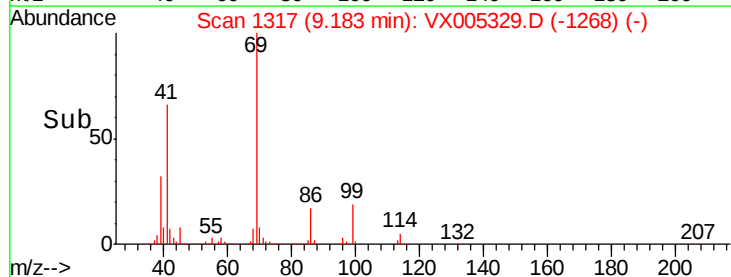
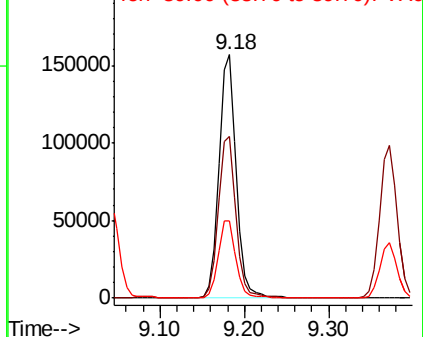


#56
 Ethyl methacrylate
 Concen: 55.717 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion:	69	Resp:	222941
Ion	Ratio	Lower	Upper
69	100		
41	67.7	51.0	76.4
39	32.6	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 51.709 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

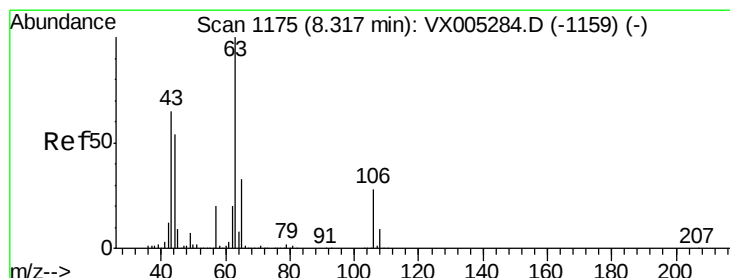
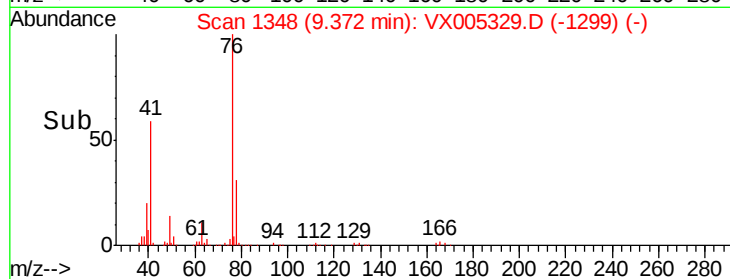
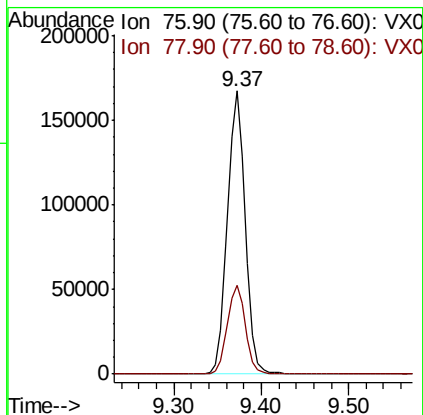
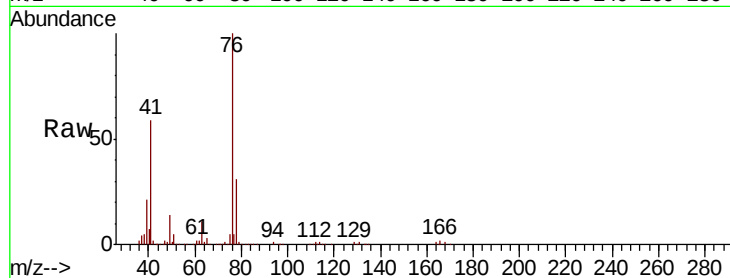
VSTDCCC050

Tot Ion: 76 Resp: 236888

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 273.721 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005329.D

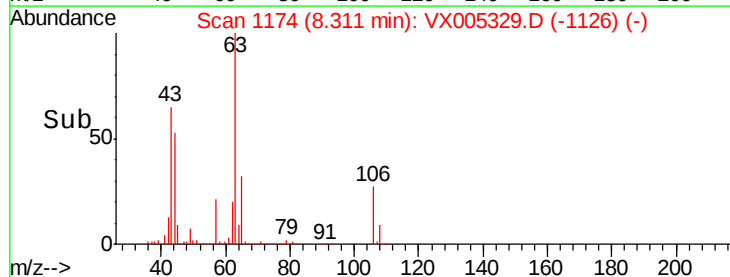
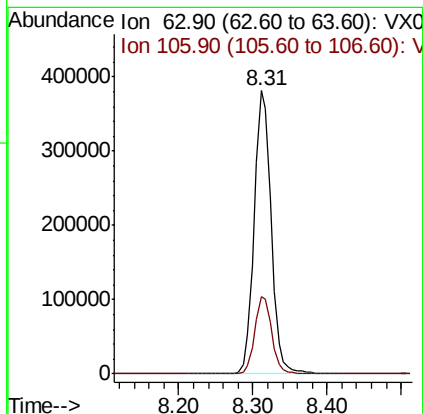
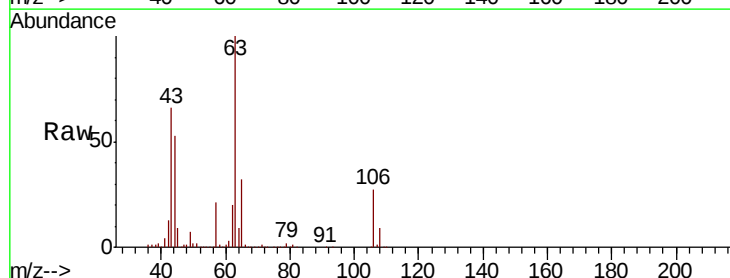
Acq: 15 Oct 2018 08:15

Tgt Ion: 63 Resp: 614231

Ion Ratio Lower Upper

63 100

106 27.3 23.9 35.9

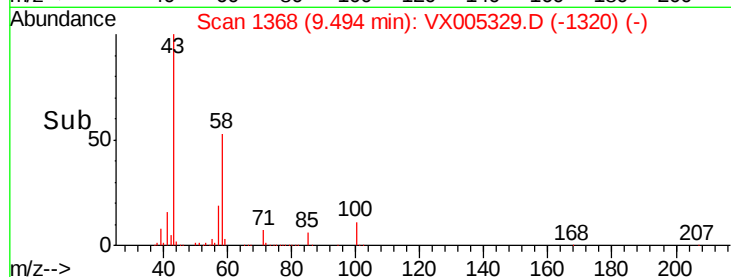
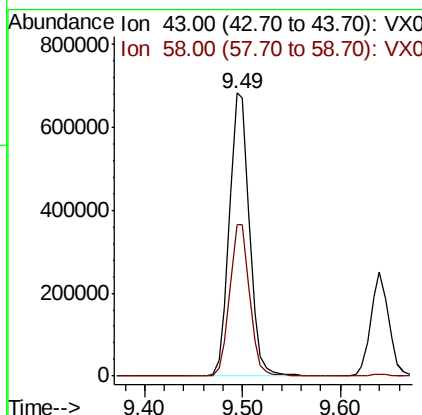
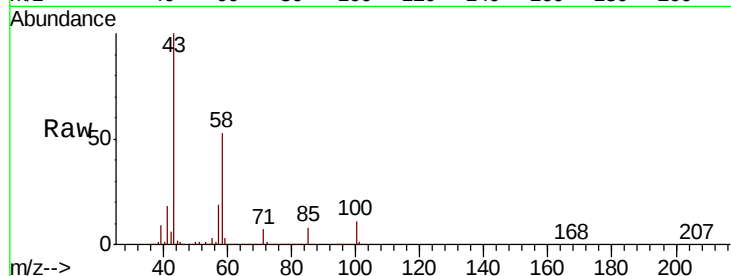




#59
2-Hexanone
Concen: 257.567 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

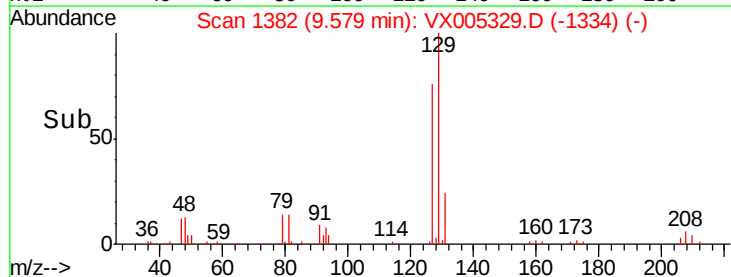
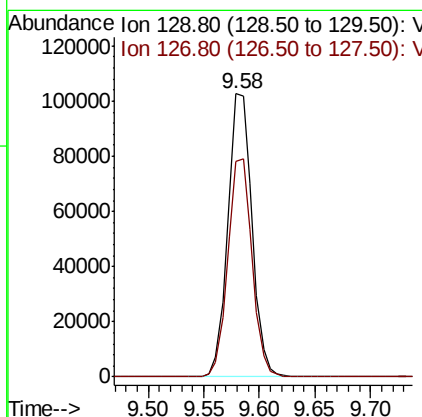
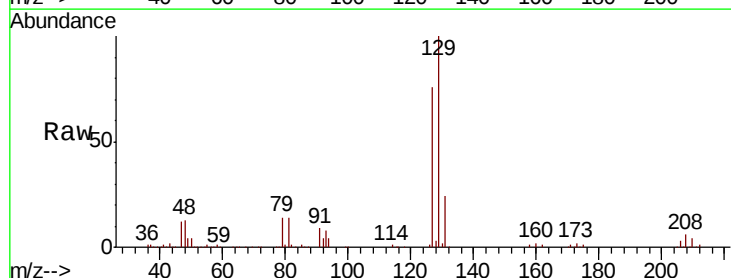
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

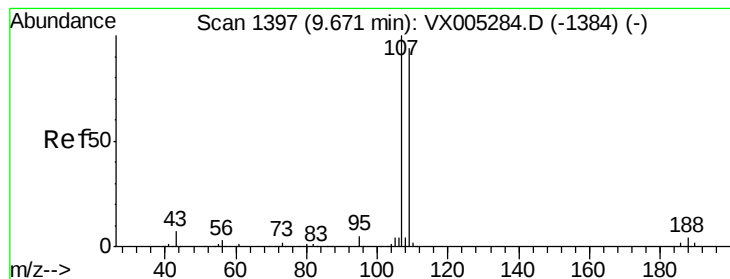
Tot Ion: 43 Resp: 970412
Ion Ratio Lower Upper
43 100
58 53.7 29.0 87.0



#60
Dibromochloromethane
Concen: 54.248 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 129 Resp: 153911
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.510 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

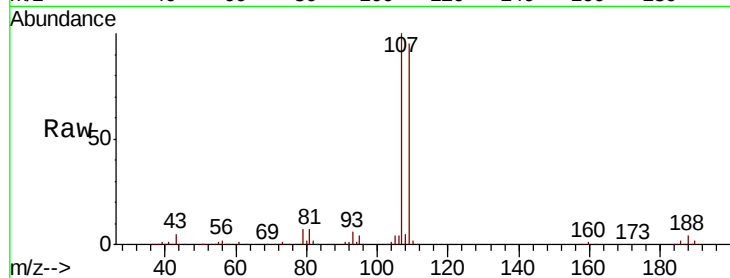
VSTDCCC050

Tot Ion:107 Resp: 148376

Ion Ratio Lower Upper

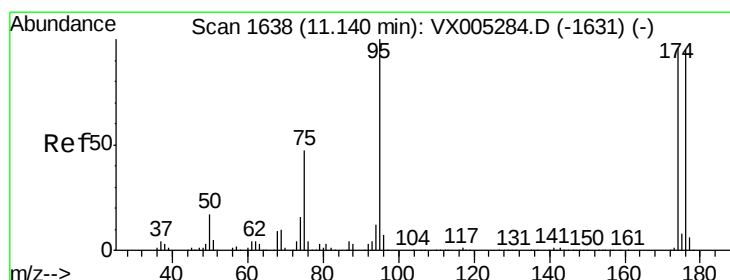
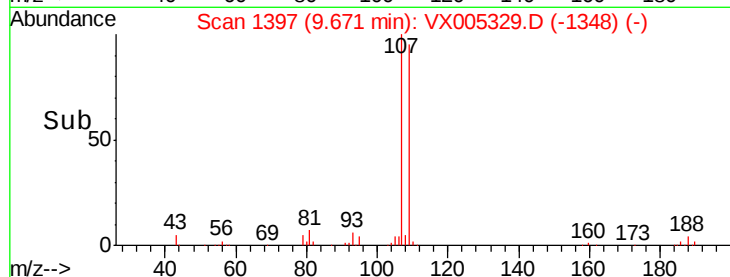
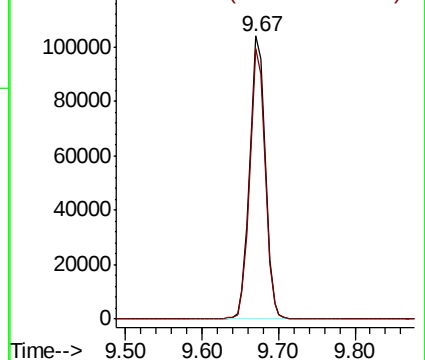
107 100

109 94.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.237 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

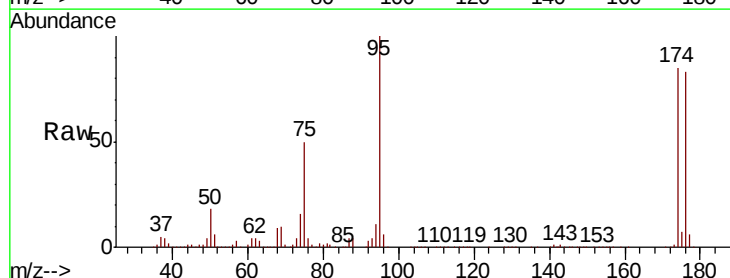
Tgt Ion: 95 Resp: 185401

Ion Ratio Lower Upper

95 100

174 95.2 0.0 185.2

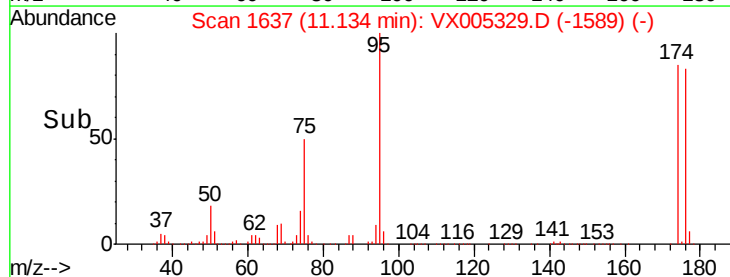
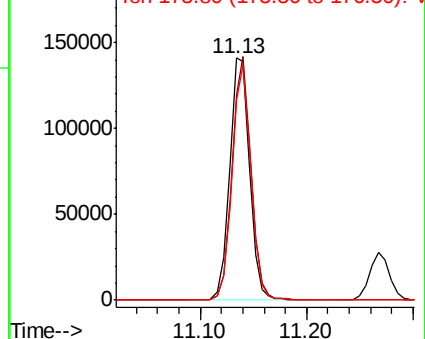
176 92.0 0.0 178.6

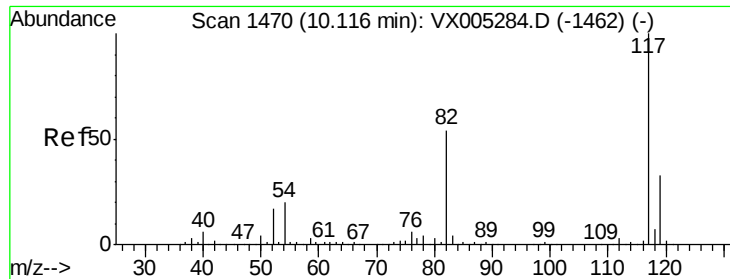


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

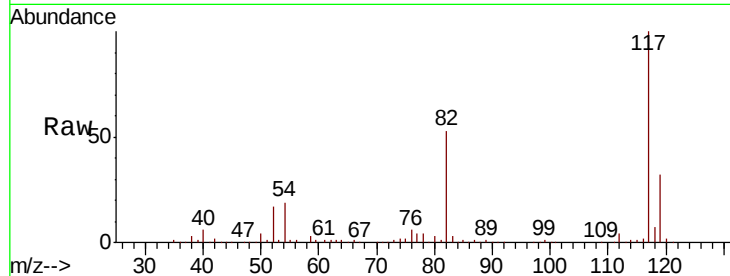




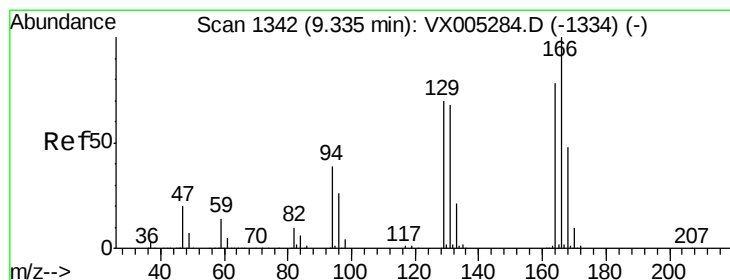
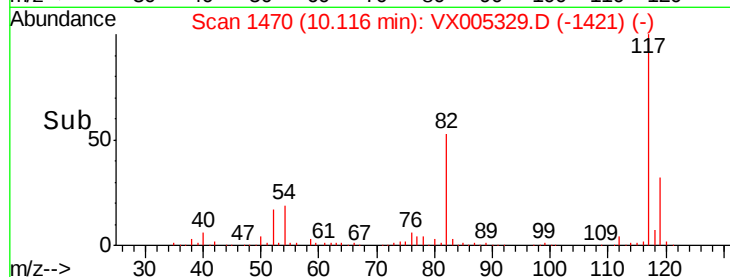
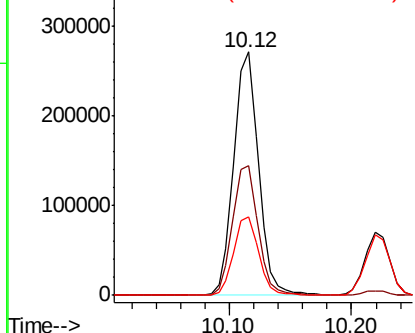
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 379640
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 32.3 29.3 43.9

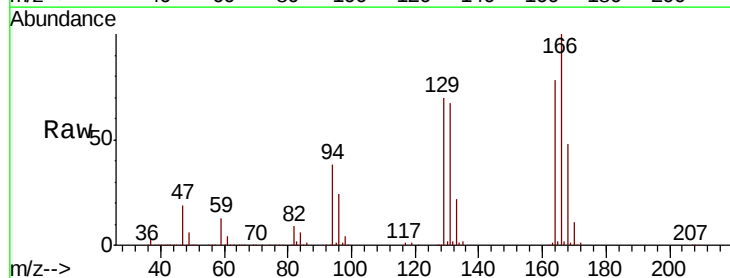


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

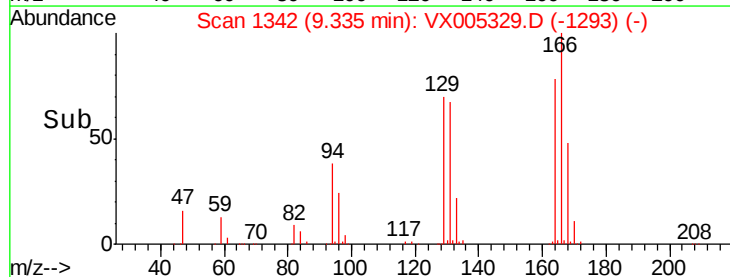
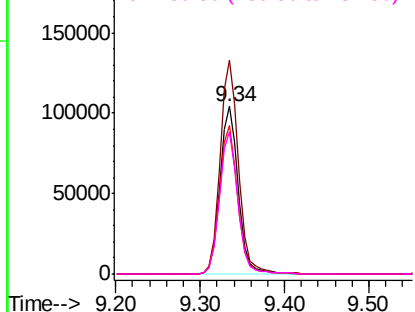


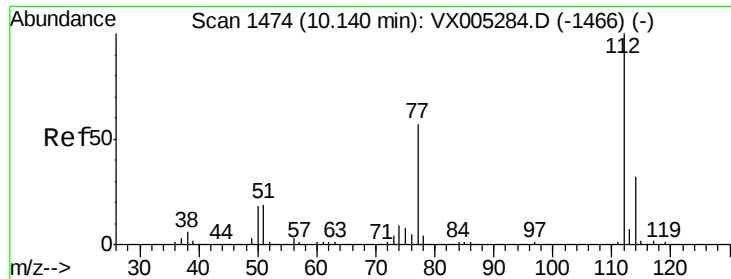
#64
Tetrachloroethene
Concen: 51.406 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion:164 Resp: 157112
Ion Ratio Lower Upper
164 100
166 127.5 102.8 154.2
129 88.8 69.4 104.0
131 85.2 67.9 101.9



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

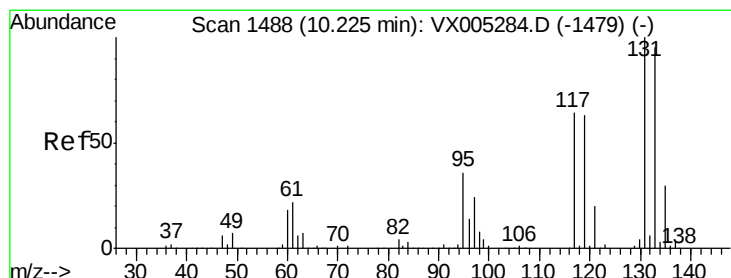
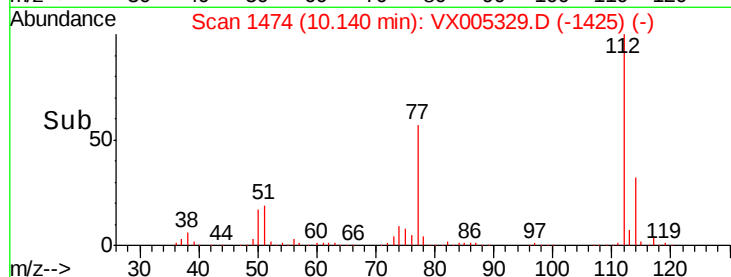
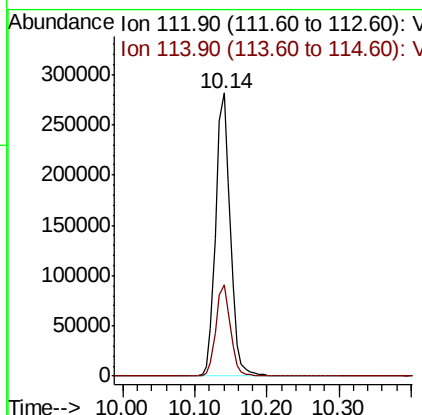
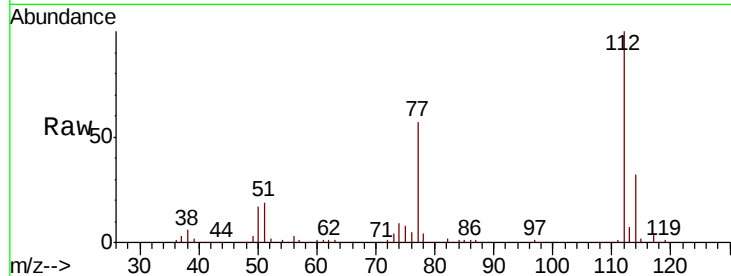




#65
Chlorobenzene
Concen: 48.950 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

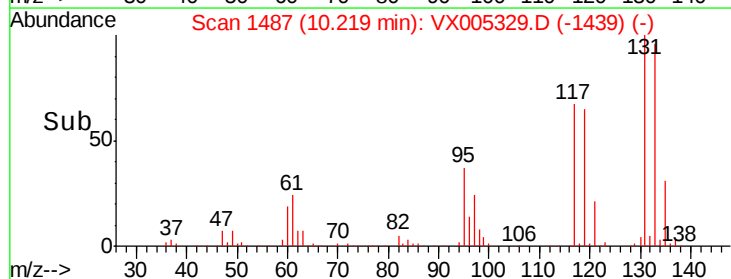
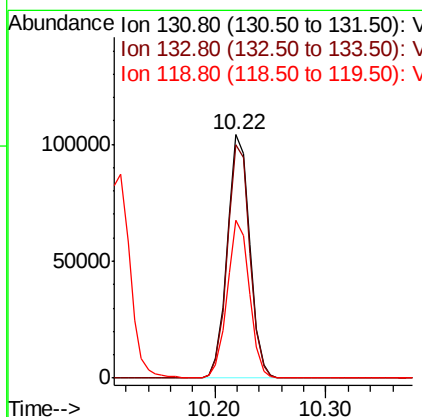
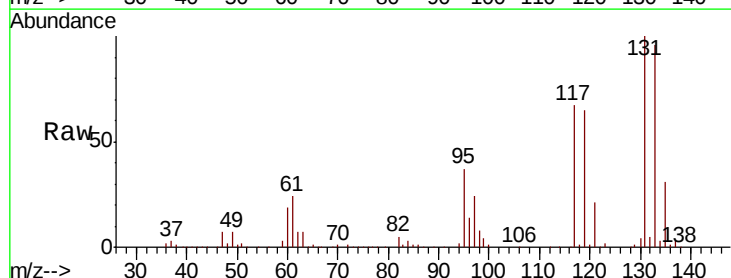
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

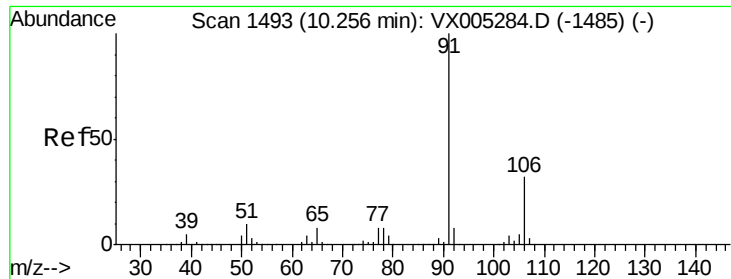
Tot Ion:112 Resp: 395288
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.386 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion:131 Resp: 144998
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 64.3 32.9 98.6

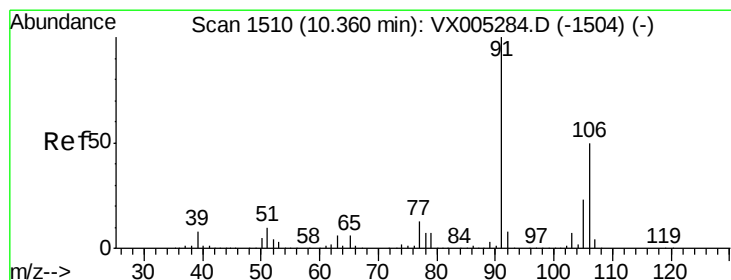
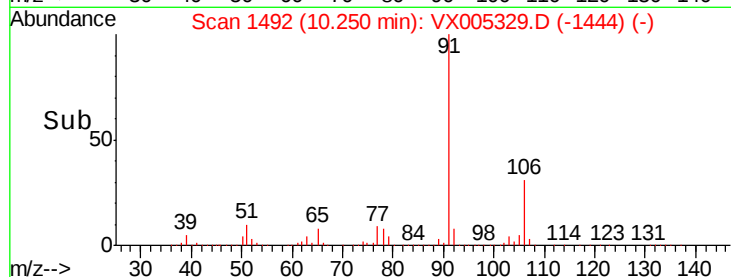
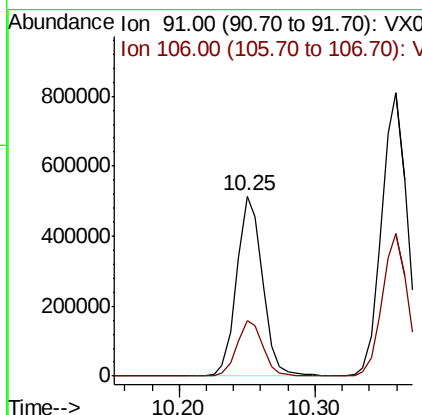
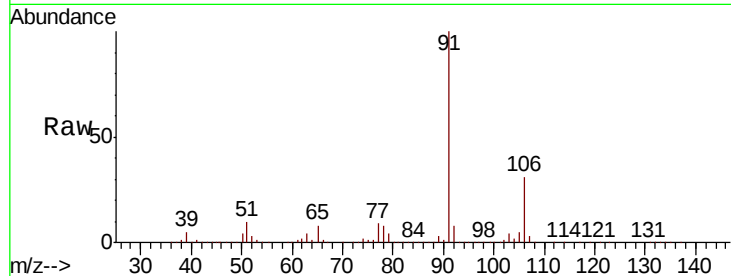




#67
Ethyl Benzene
Concen: 51.967 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

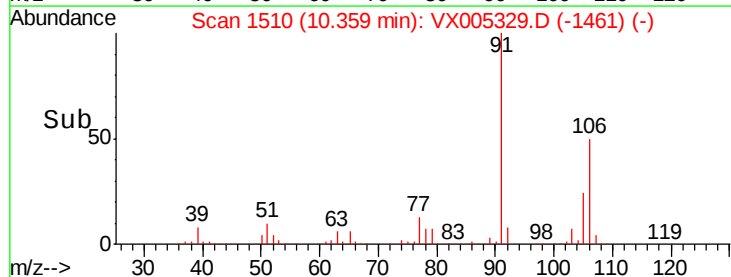
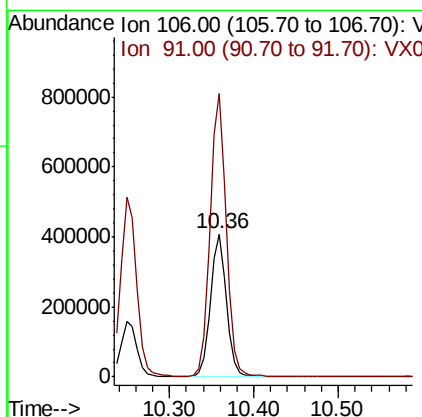
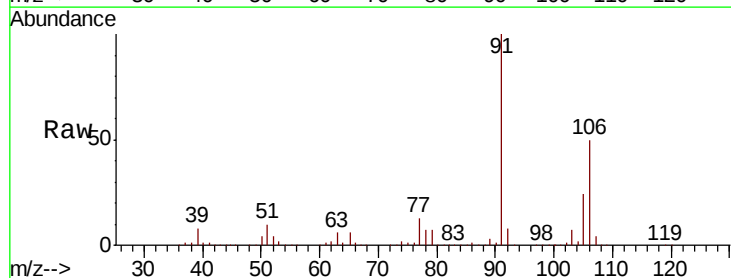
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 682222
Ion Ratio Lower Upper
91 100
106 30.6 25.9 38.9



#68
m/p-Xylenes
Concen: 104.948 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 106 Resp: 534753
Ion Ratio Lower Upper
106 100
91 202.0 157.1 235.7

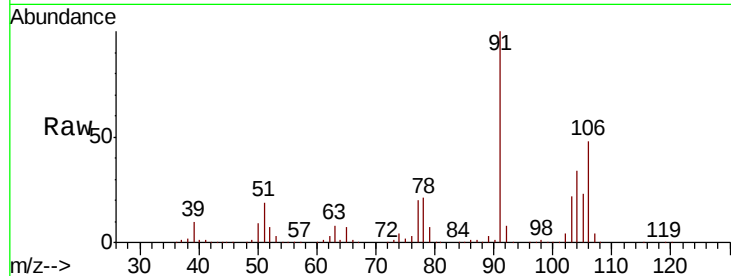




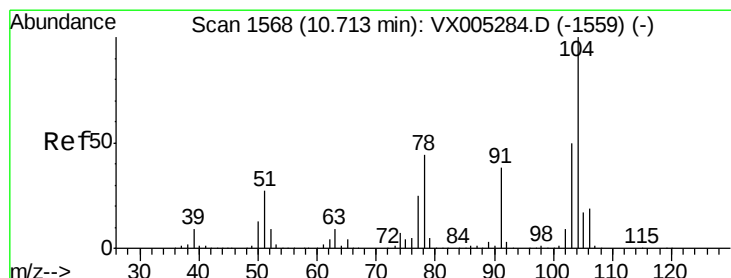
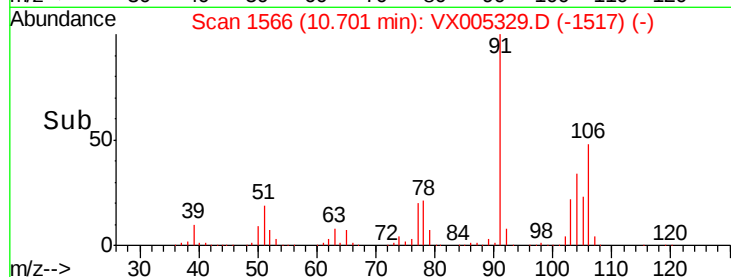
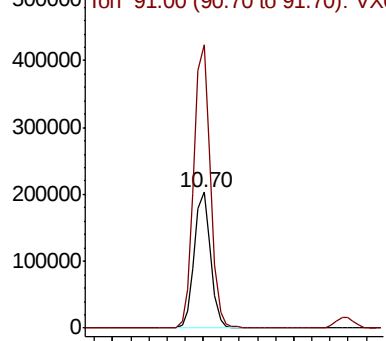
#69
o-Xylene
Concen: 52.039 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 255731
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1

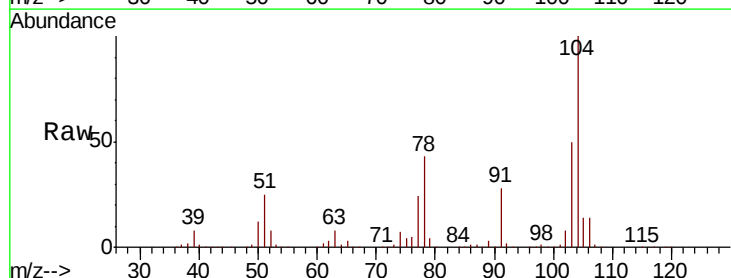


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

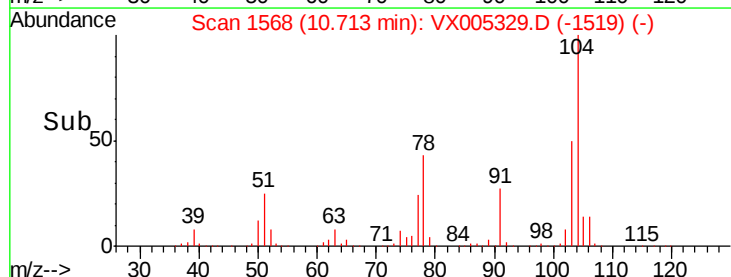
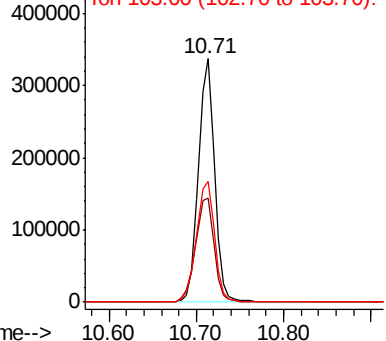


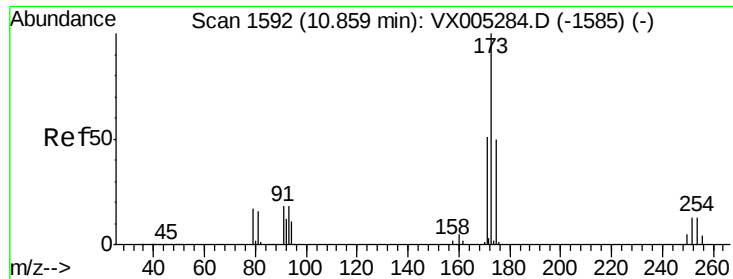
#70
Styrene
Concen: 53.677 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion:104 Resp: 433863
Ion Ratio Lower Upper
104 100
78 49.1 37.4 56.0
103 55.4 43.8 65.6



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





#71

Bromoform

Concen: 51.302 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

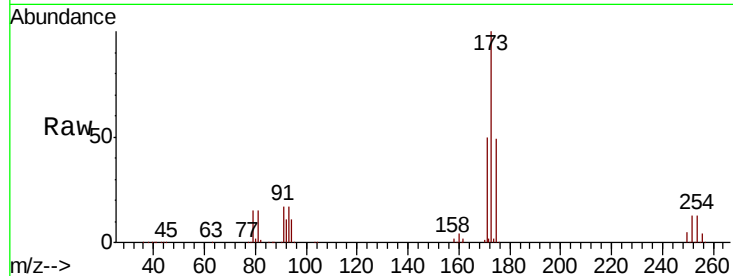
Tot Ion:173 Resp: 131931

Ion Ratio Lower Upper

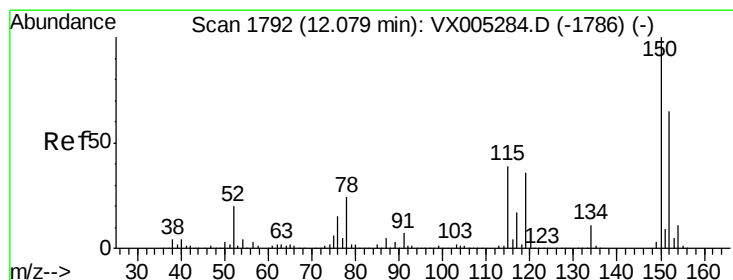
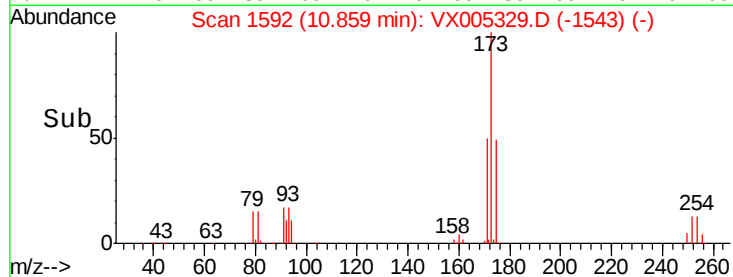
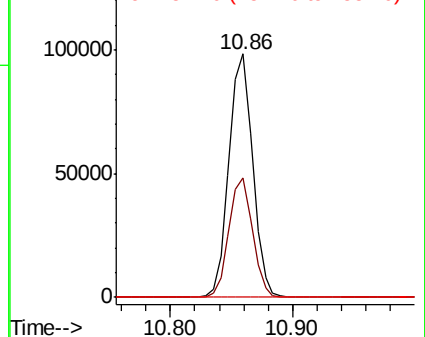
173 100

175 48.7 24.1 72.3

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: VX005329.D

Acq: 15 Oct 2018 08:15

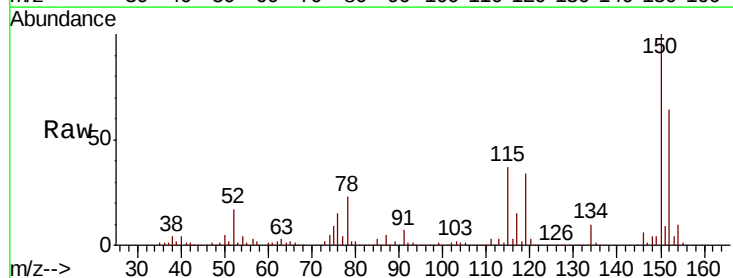
Tgt Ion:152 Resp: 224785

Ion Ratio Lower Upper

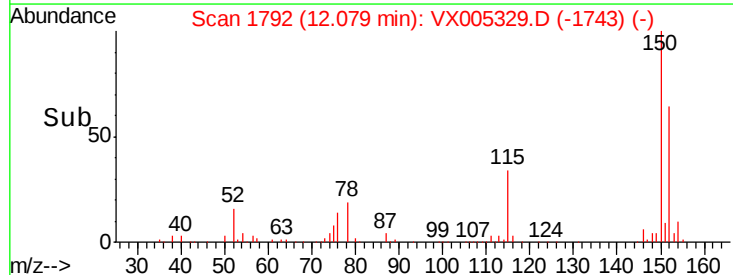
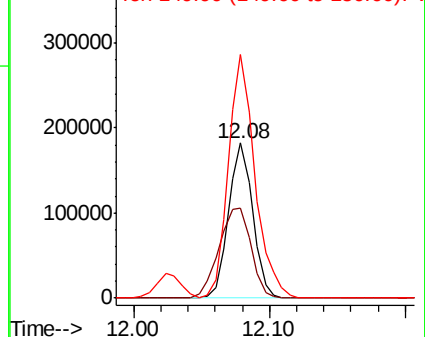
152 100

115 77.0 39.0 117.0

150 172.8 0.0 351.0



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: 52.325 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

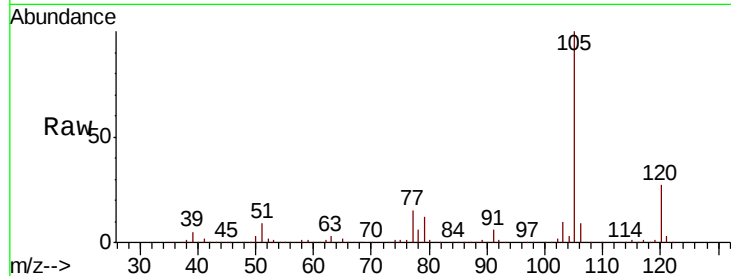
VSTDCCC050

Tot Ion:105 Resp: 699207

Ion Ratio Lower Upper

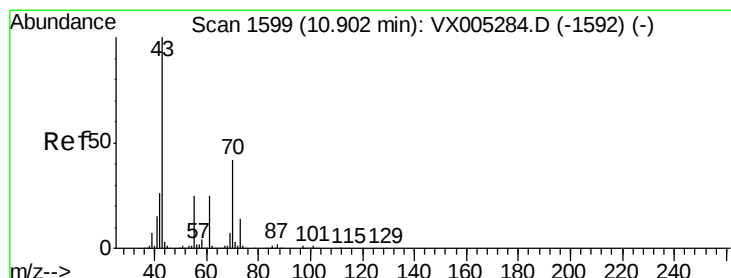
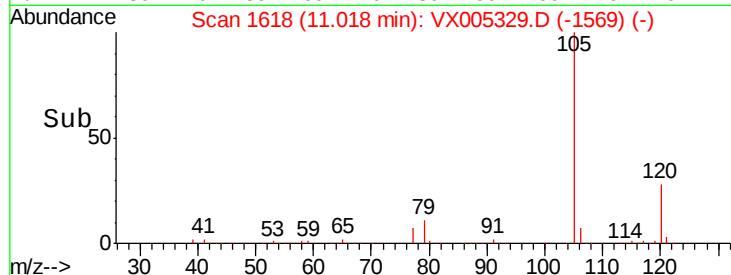
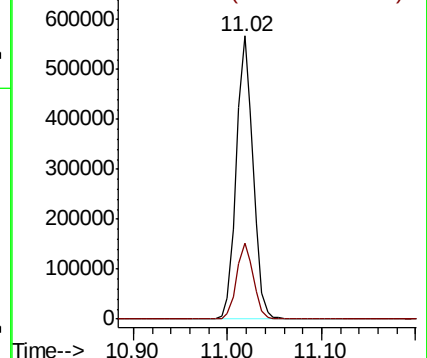
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.287 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion: 43 Resp: 324106

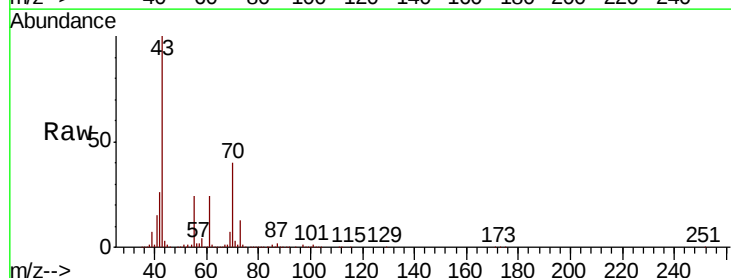
Ion Ratio Lower Upper

43 100

70 41.2 37.4 56.0

55 25.1 21.8 32.8

61 23.9 20.6 30.8

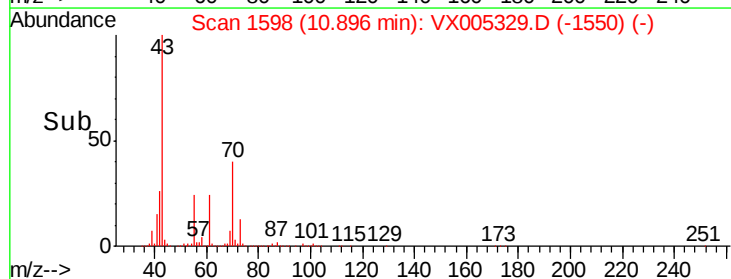
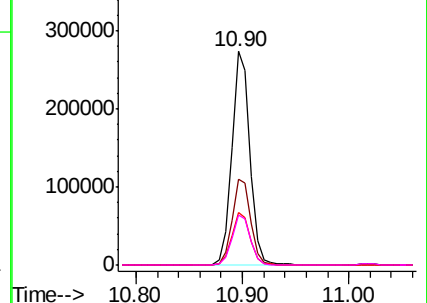


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.167 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

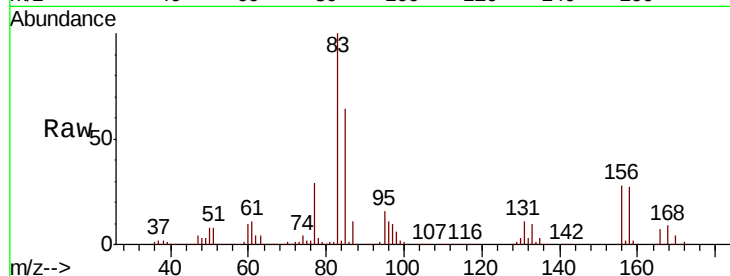
Tot Ion: 83 Resp: 232721

Ion Ratio Lower Upper

83 100

131 10.9 5.2 15.6

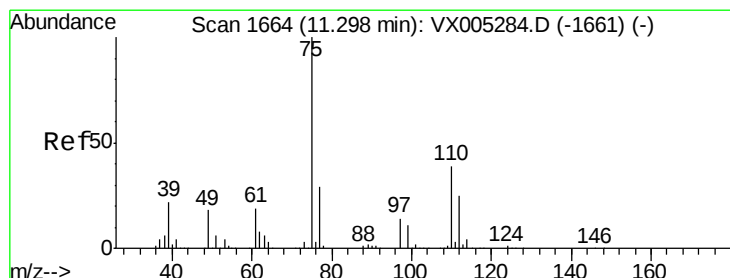
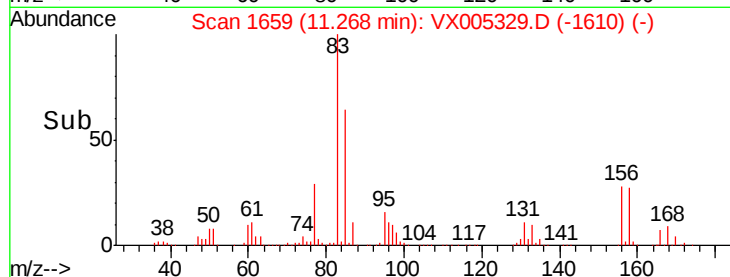
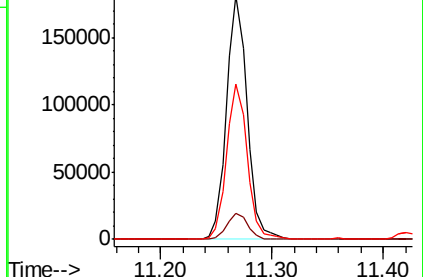
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.256 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005329.D

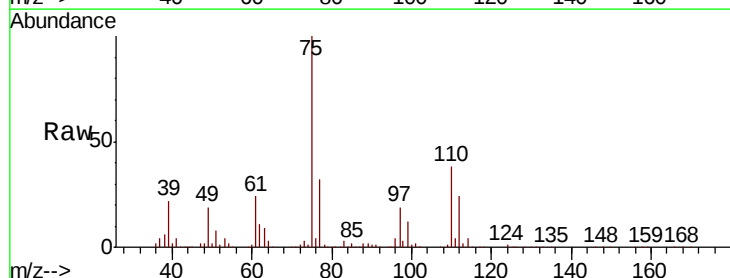
Acq: 15 Oct 2018 08:15

Tgt Ion: 75 Resp: 280168

Ion Ratio Lower Upper

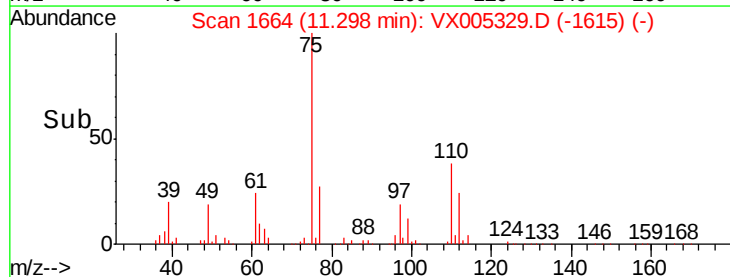
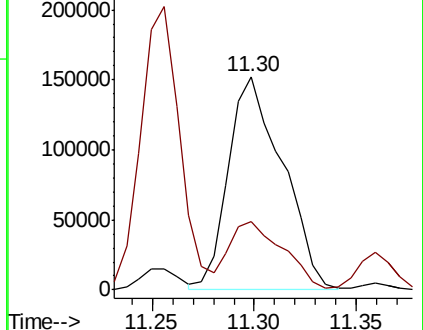
75 100

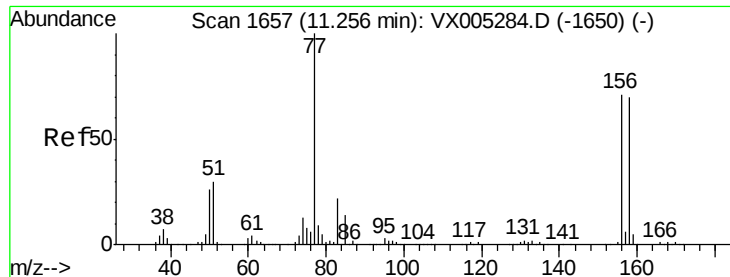
77 31.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.800 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

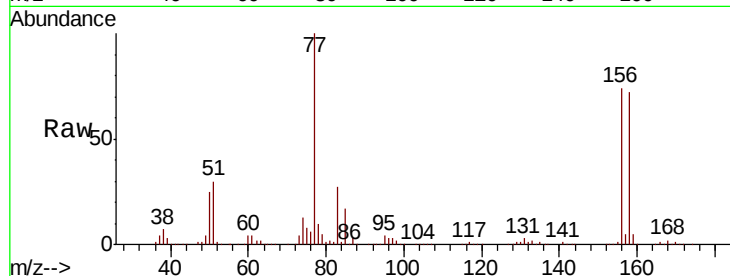
Tot Ion:156 Resp: 190274

Ion Ratio Lower Upper

156 100

77 141.5 71.5 214.3

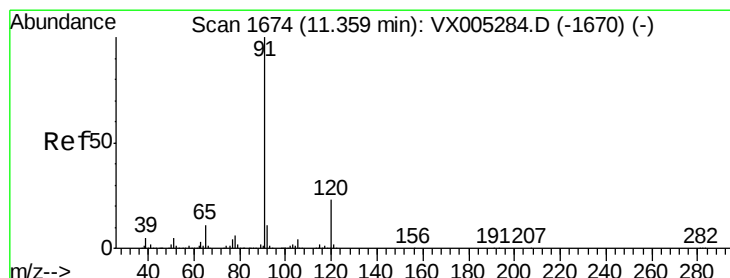
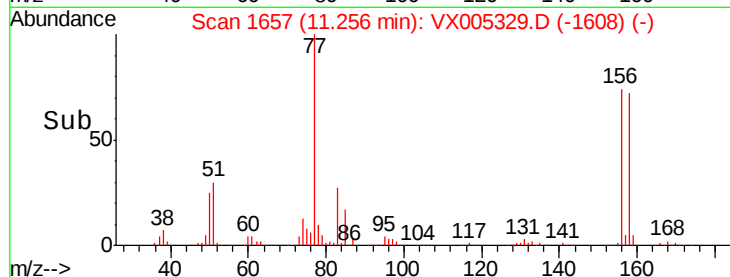
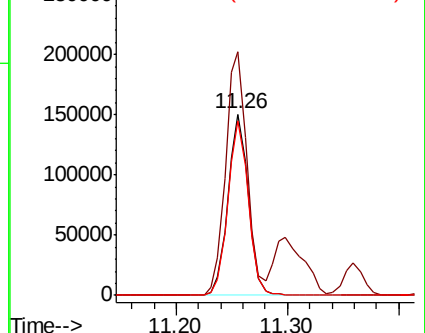
158 96.7 48.9 146.8



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: 53.058 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005329.D

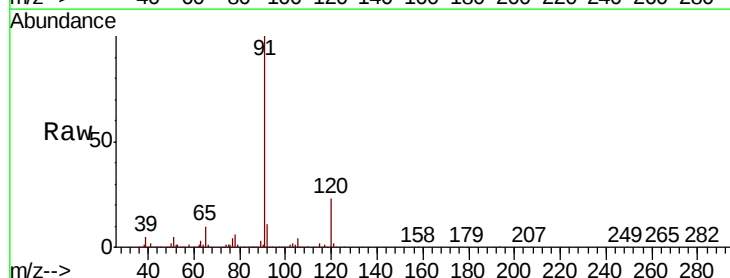
Acq: 15 Oct 2018 08:15

Tgt Ion: 91 Resp: 815884

Ion Ratio Lower Upper

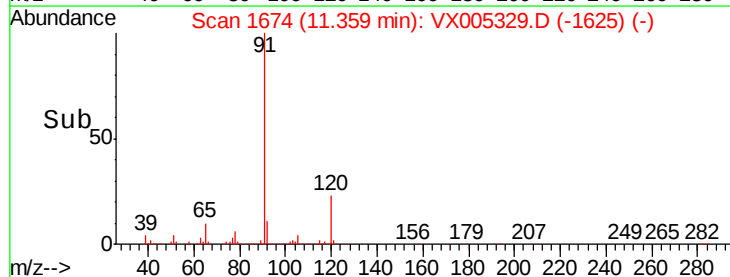
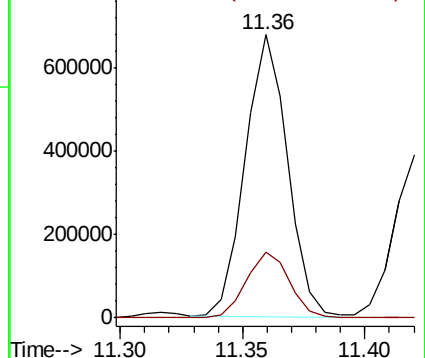
91 100

120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

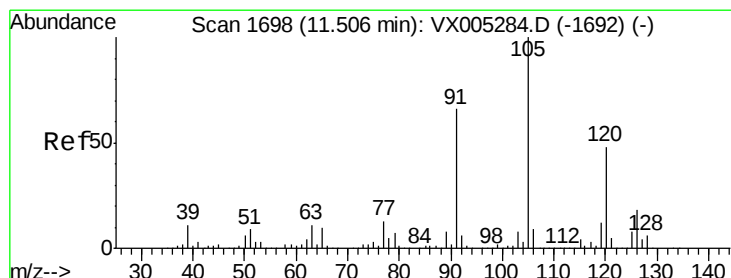
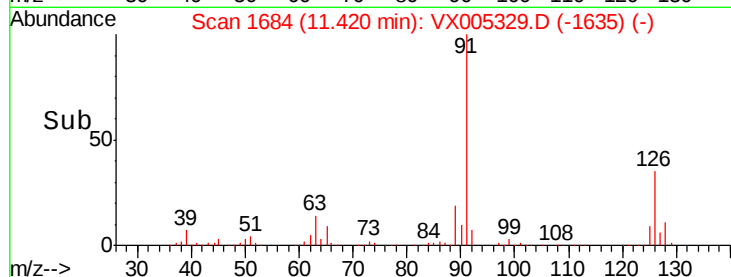
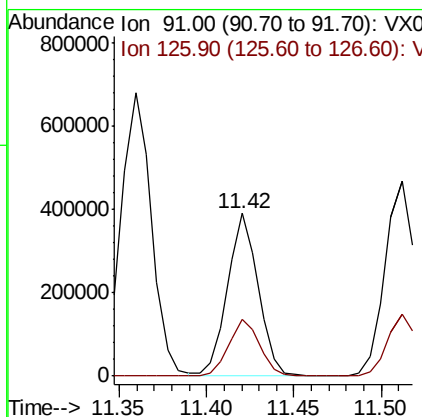
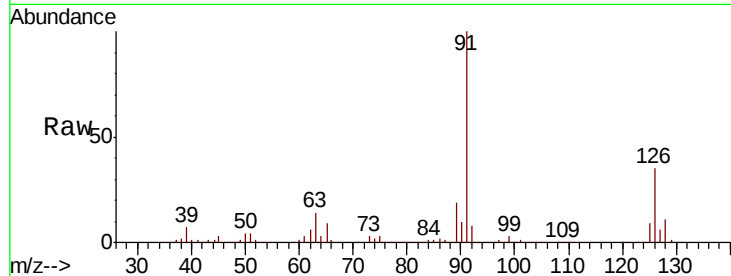




#79
 2-Chlorotoluene
 Concen: 50.324 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

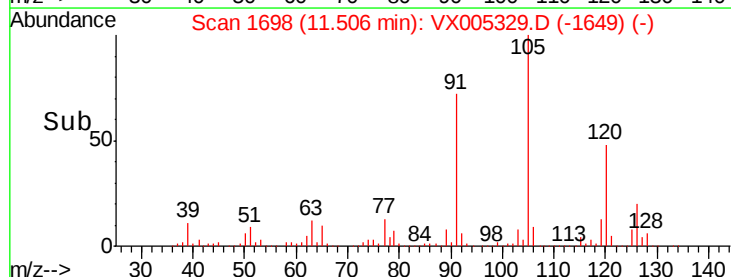
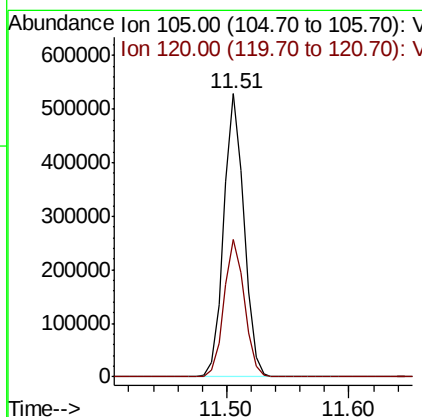
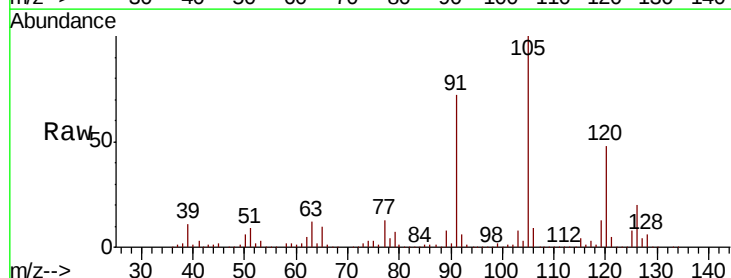
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

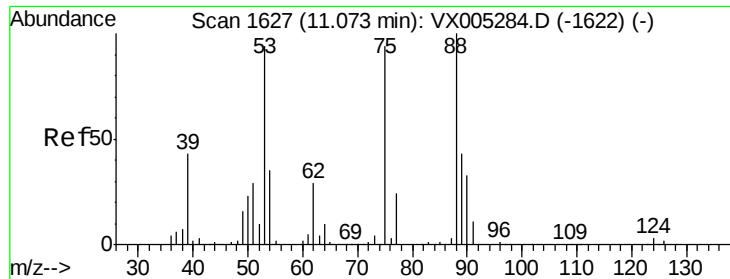
Tot Ion: 91 Resp: 473920
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.832 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion: 105 Resp: 604566
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.179 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

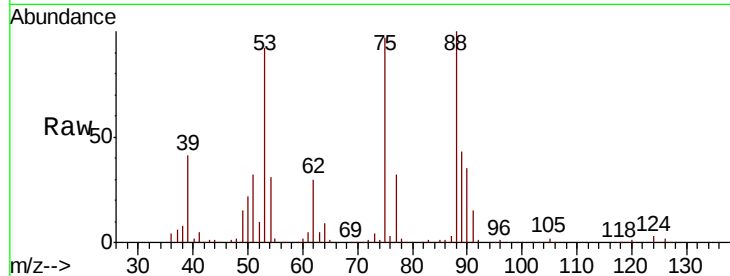
Tot Ion: 75 Resp: 73441

Ion Ratio Lower Upper

75 100

53 94.3 80.1 120.1

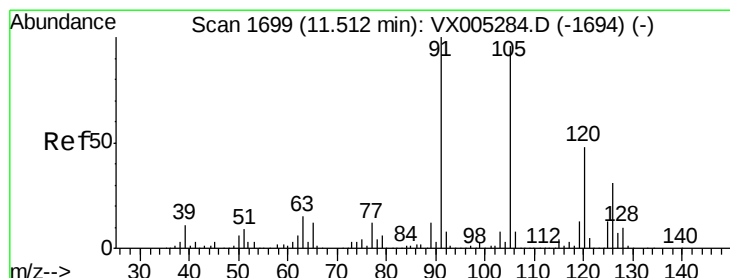
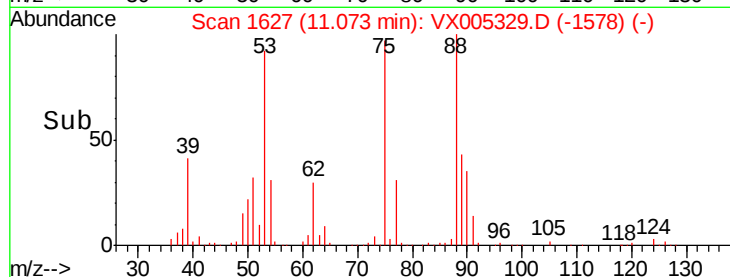
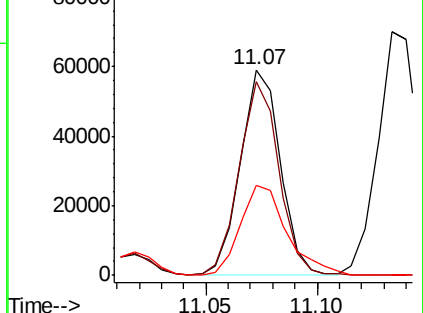
89 52.1 37.2 55.8



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: 51.099 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005329.D

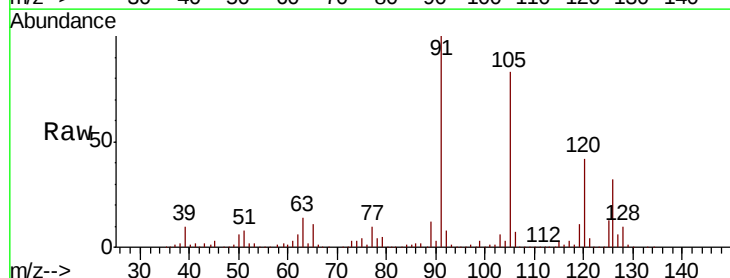
Acq: 15 Oct 2018 08:15

Tgt Ion: 91 Resp: 570453

Ion Ratio Lower Upper

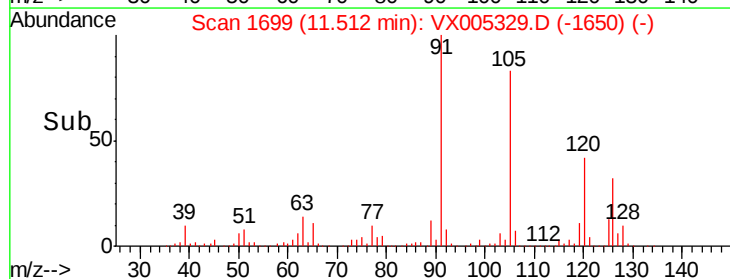
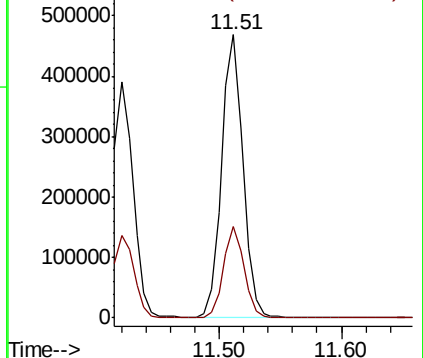
91 100

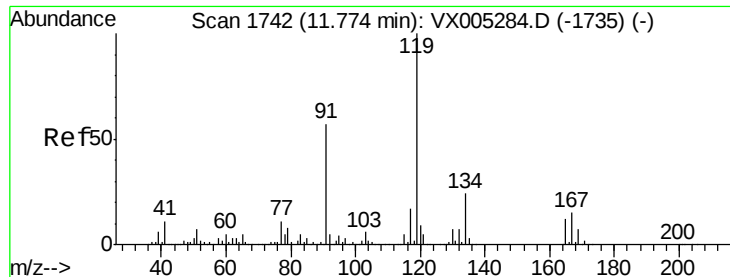
126 31.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

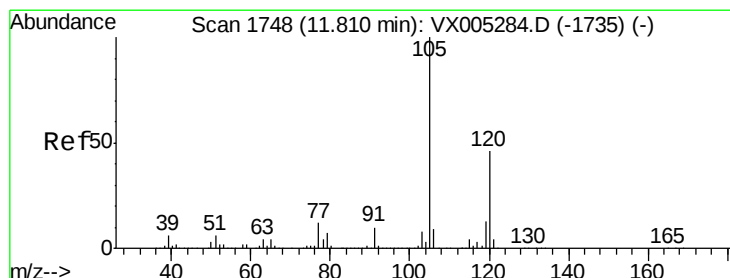
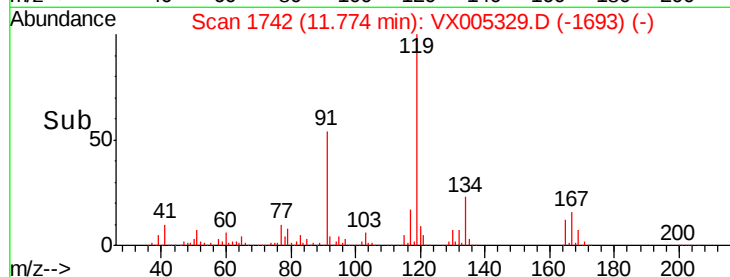
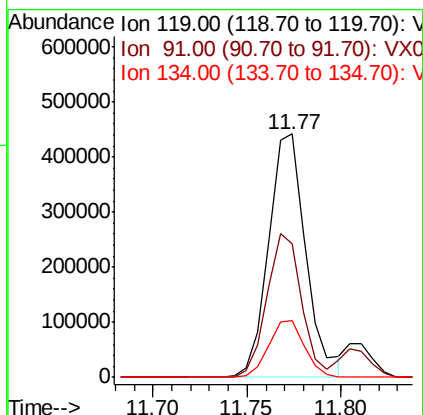
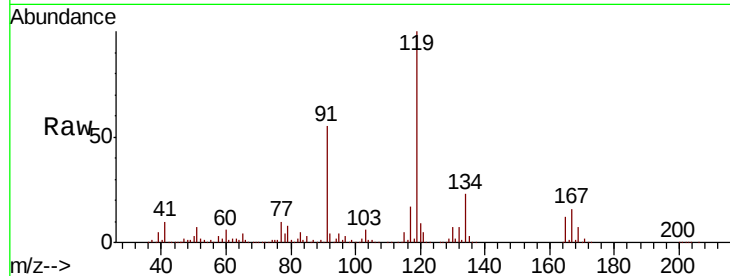




#83
 tert-Butylbenzene
 Concen: 52.259 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

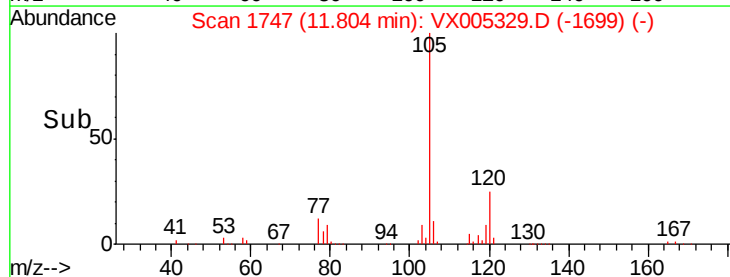
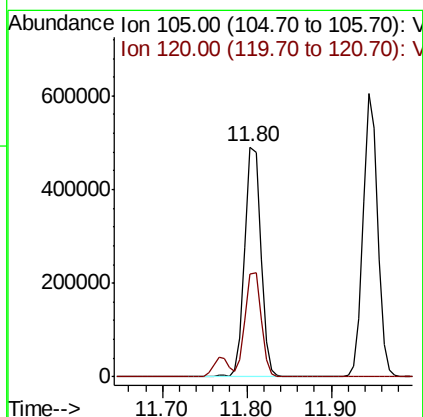
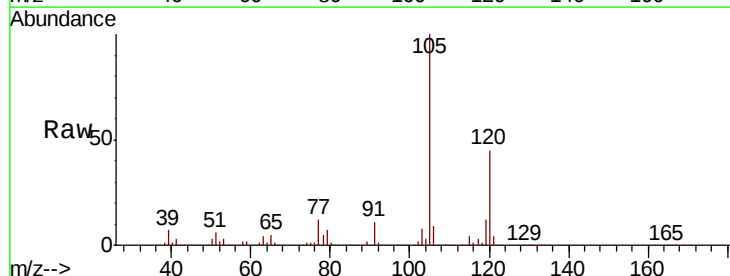
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 605570
 Ion Ratio Lower Upper
 119 100
 91 54.8 27.0 81.0
 134 22.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.812 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion:105 Resp: 621921
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.417 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

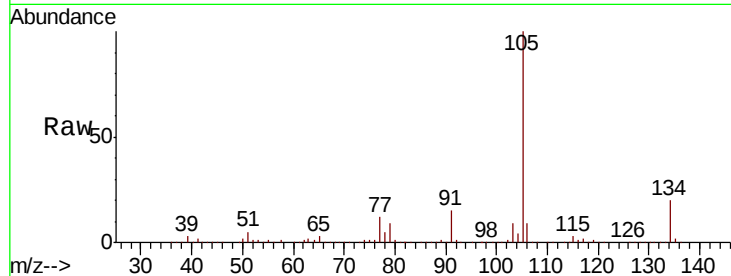
VSTDCCC050

Tot Ion:105 Resp: 732525

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

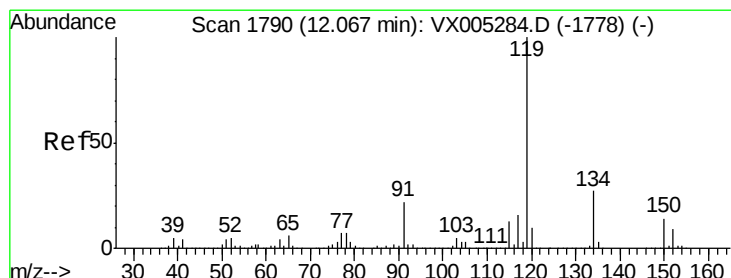
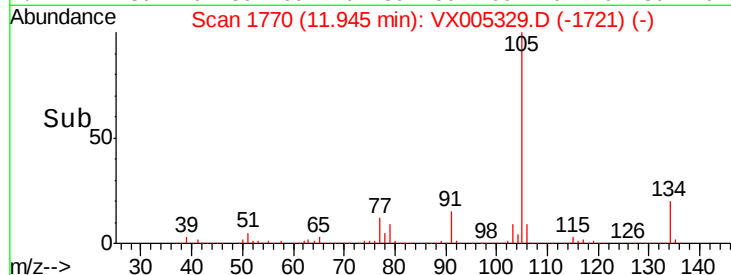
400000

200000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 54.313 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

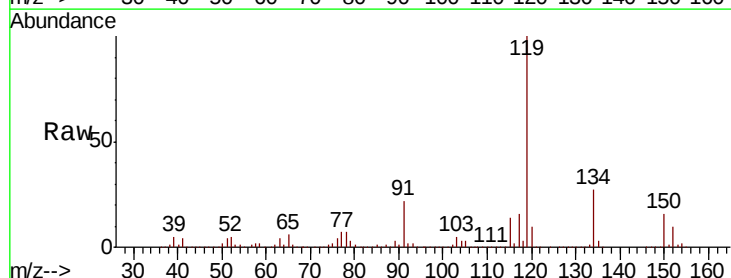
Tgt Ion:119 Resp: 673195

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.5 10.9 32.7



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

600000

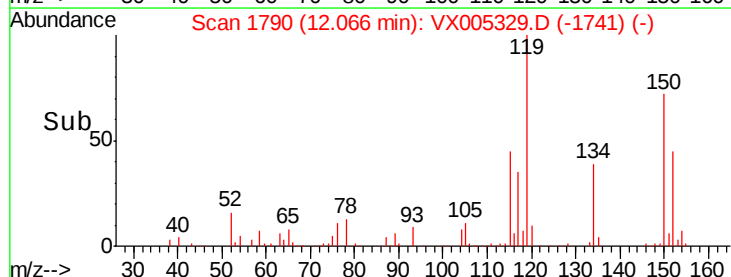
400000

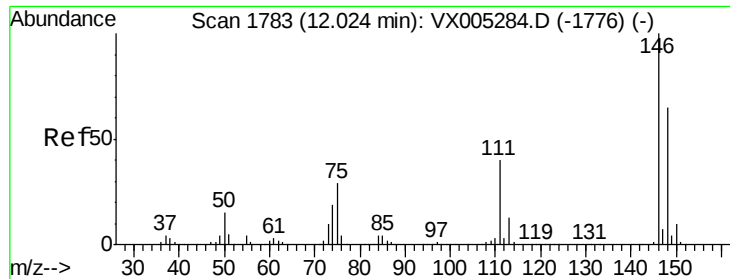
200000

0

12.00 12.10

Time-->

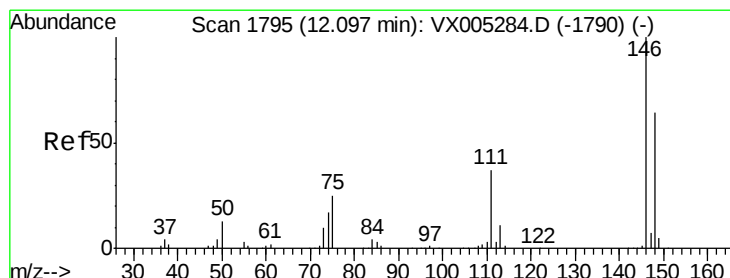
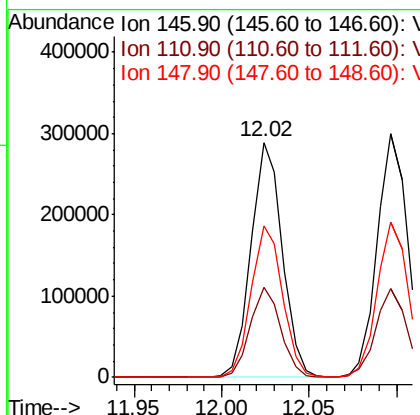
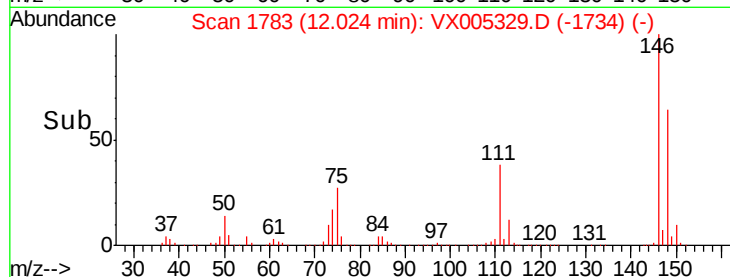
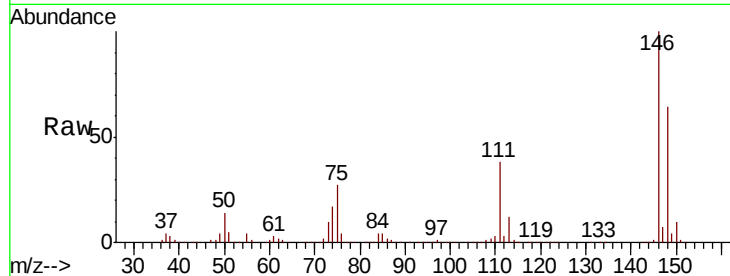




#87
 1,3-Dichlorobenzene
 Concen: 50.448 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

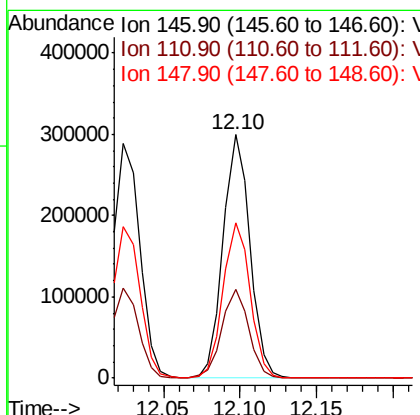
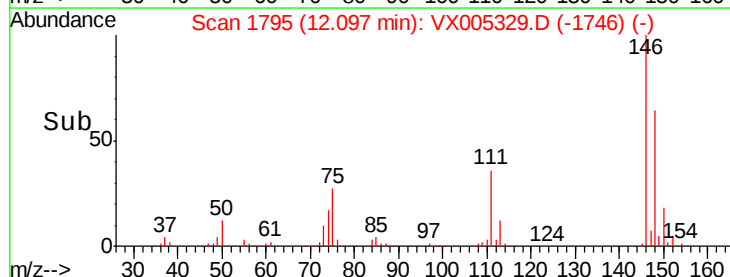
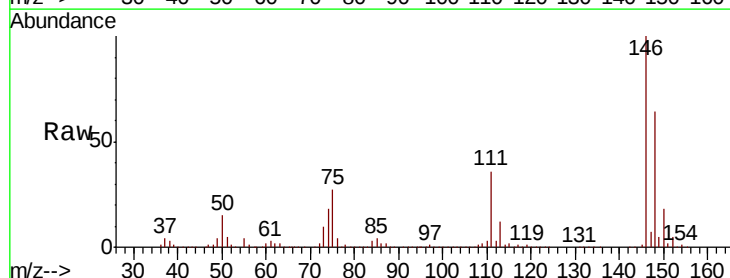
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 360177
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.7 56.1
 148 64.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.021 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion:146 Resp: 365343
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.5 32.0 96.0





#89

n-Butylbenzene

Concen: 53.979 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

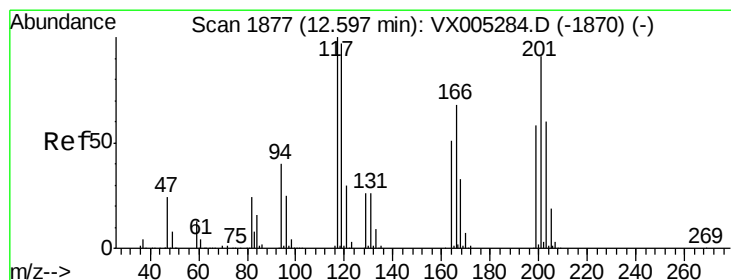
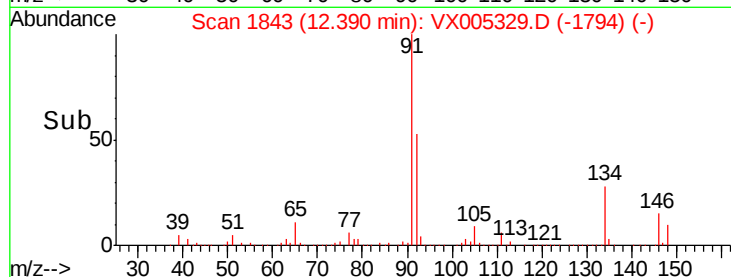
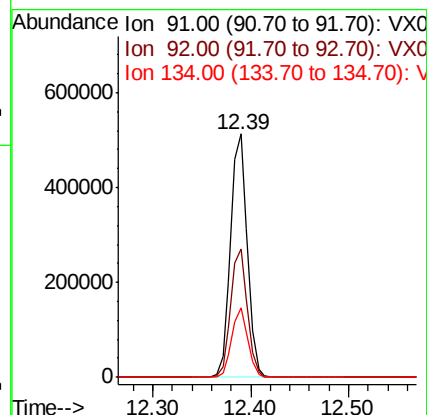
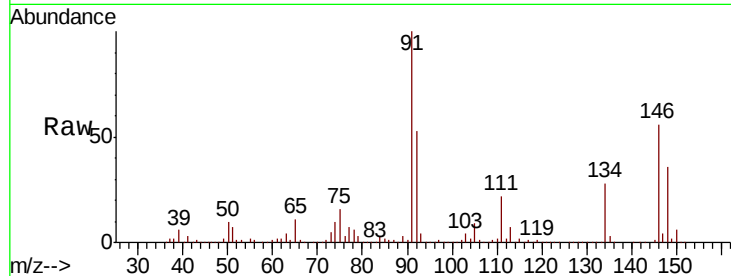
Tot Ion: 91 Resp: 607476

Ion Ratio Lower Upper

91 100

92 52.6 27.3 81.9

134 27.5 13.6 40.7



#90

Hexachloroethane

Concen: 50.557 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005329.D

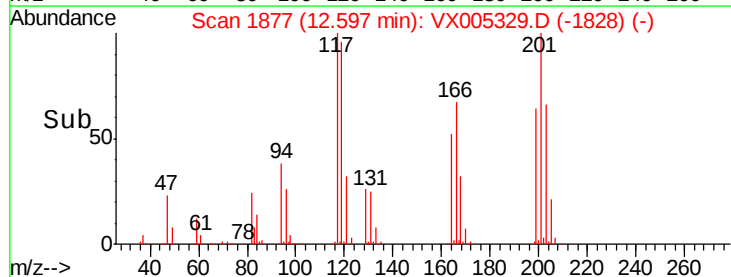
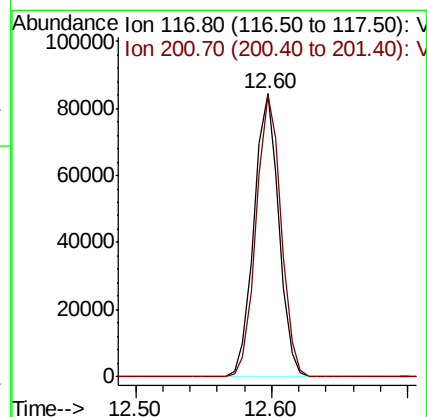
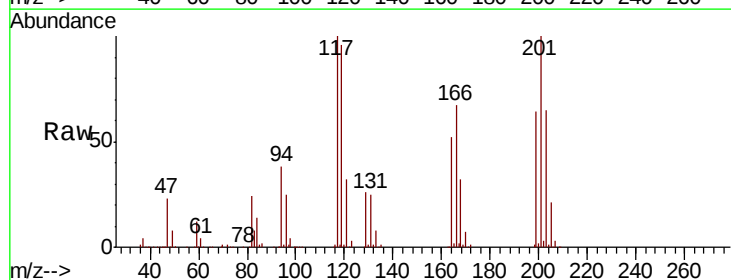
Acq: 15 Oct 2018 08:15

Tgt Ion: 117 Resp: 107996

Ion Ratio Lower Upper

117 100

201 100.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.229 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

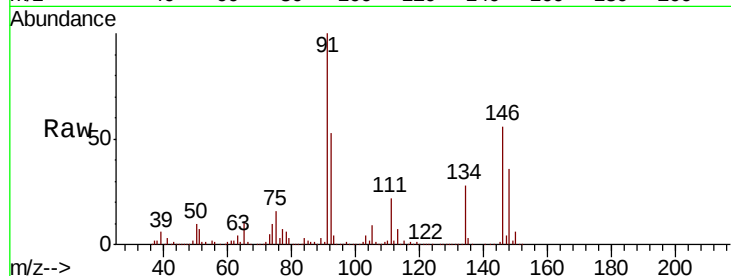
Tot Ion:146 Resp: 358672

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

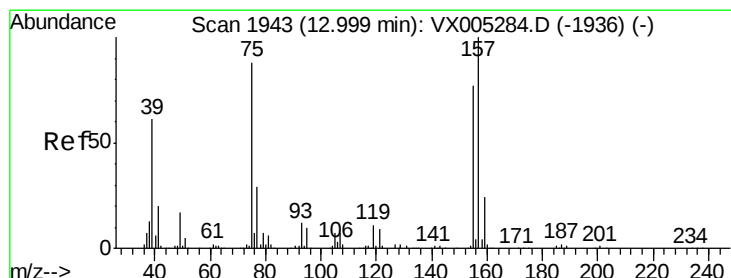
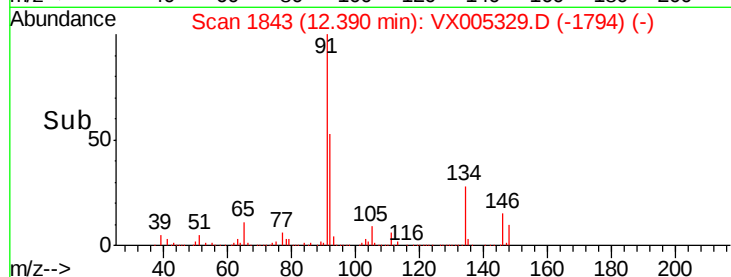
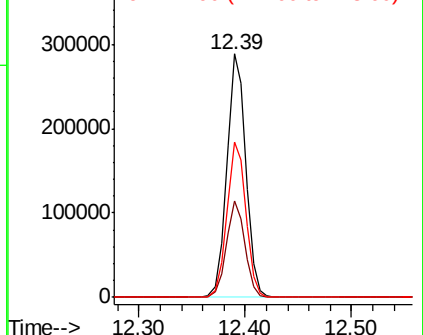
148 64.0 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.906 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

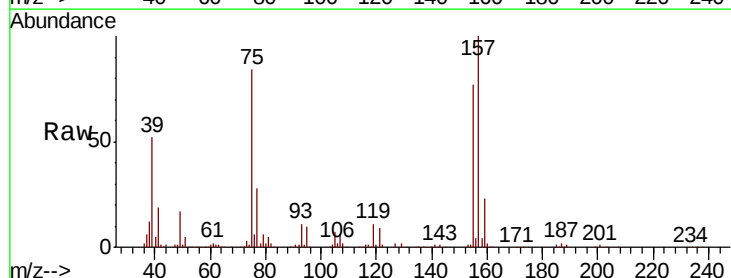
Tgt Ion: 75 Resp: 56446

Ion Ratio Lower Upper

75 100

155 95.5 48.0 144.2

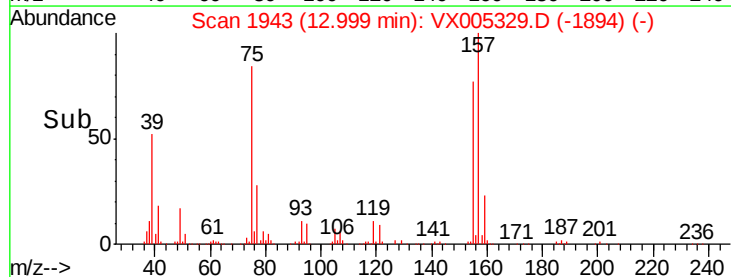
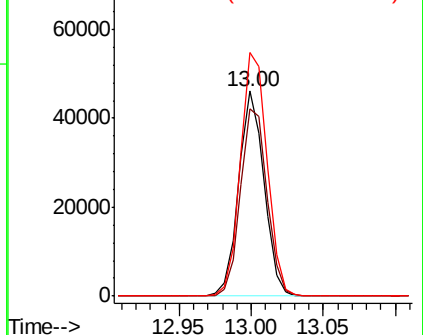
157 124.3 61.4 184.1

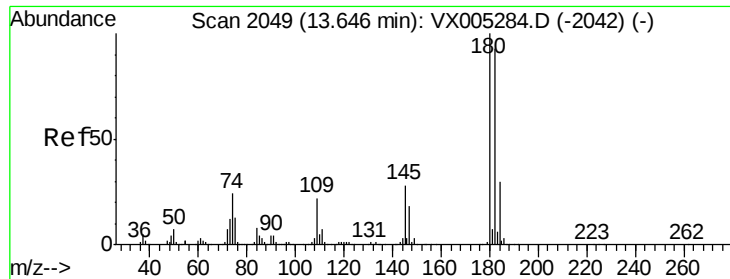


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

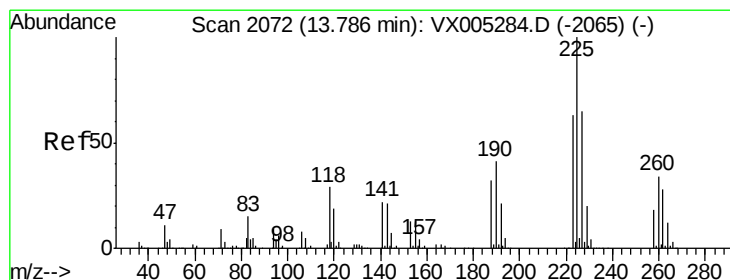
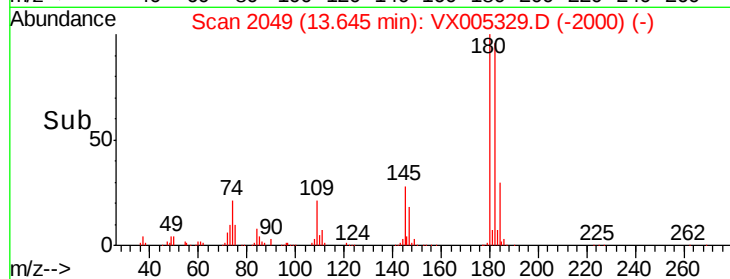
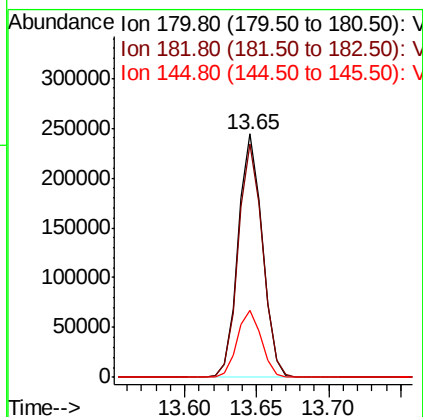
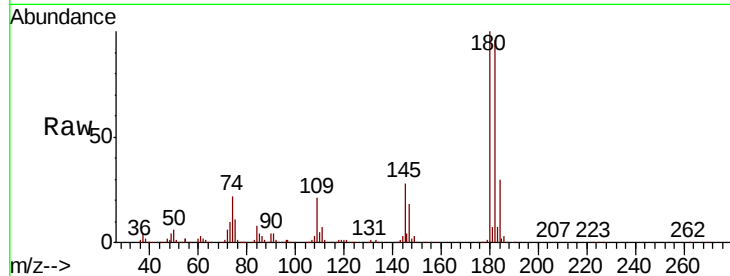




#93
 1,2,4-Trichlorobenzene
 Concen: 53.520 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

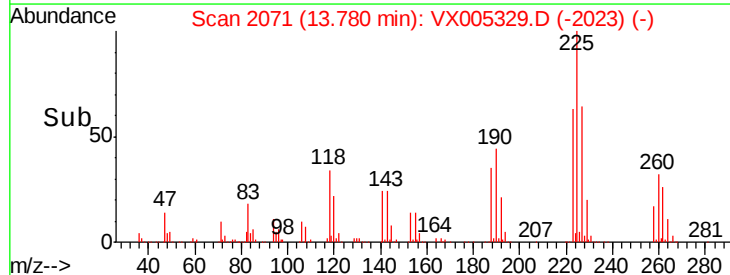
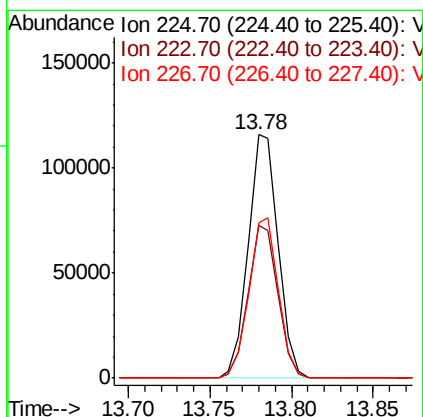
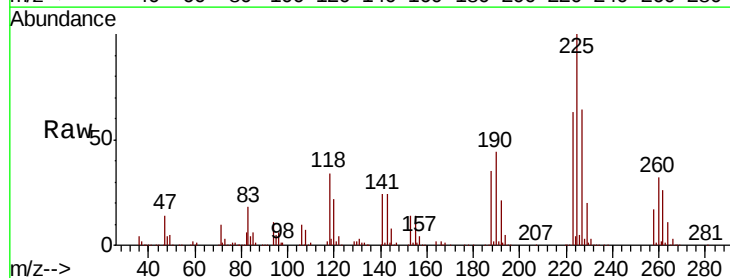
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

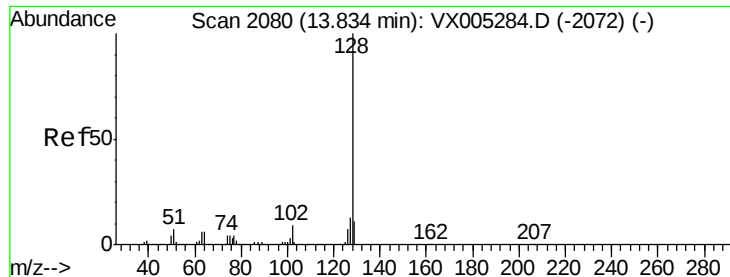
Tot Ion:180 Resp: 286085
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.4 145.0
 145 27.8 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 52.610 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion:225 Resp: 148527
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.1 90.5
 227 64.8 30.8 92.4

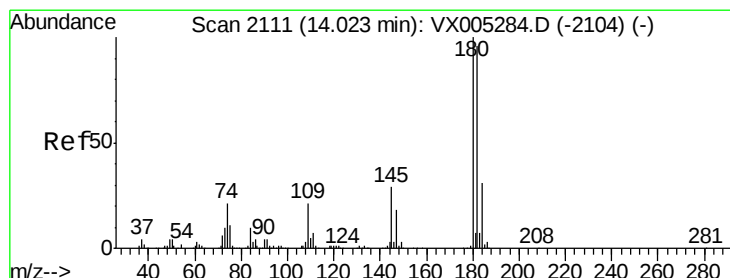
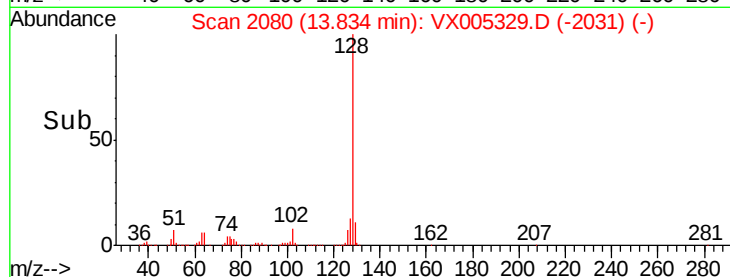
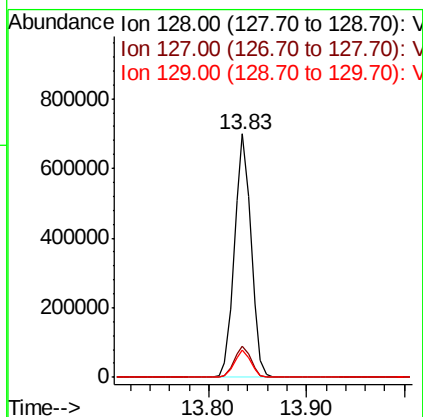
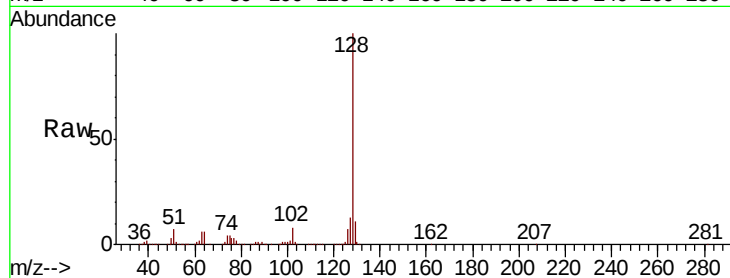




#95
Naphthalene
Concen: 52.911 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 820233
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.874 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion:180 Resp: 283715
Ion Ratio Lower Upper
180 100
182 96.0 48.5 145.6
145 29.5 14.9 44.9

