

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004530.D
 Acq On : 14 Sep 2018 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 15 04:37:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	299341	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	369679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208356	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	179743	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
35) Dibromofluoromethane	5.49	113	154229	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
50) Toluene-d8	8.71	98	522630	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
62) 4-Bromofluorobenzene	11.14	95	191154	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	139719	49.80	ug/l	94
3) Chloromethane	1.32	50	174080	45.09	ug/l	97
4) Vinyl Chloride	1.40	62	184622	46.59	ug/l	95
5) Bromomethane	1.64	94	82912	49.97	ug/l	98
6) Chloroethane	1.71	64	116598	45.50	ug/l	98
7) Trichlorofluoromethane	1.93	101	247296	47.07	ug/l	97
8) Diethyl Ether	2.18	74	108736	46.17	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	160893	48.28	ug/l	98
10) Methyl Iodide	2.51	142	184180	46.56	ug/l	97
11) Tert butyl alcohol	3.06	59	179631	195.04	ug/l	100
12) 1,1-Dichloroethene	2.37	96	151453	48.42	ug/l	94
13) Acrolein	2.29	56	73647	202.58	ug/l	96
14) Allyl chloride	2.73	41	293966	45.72	ug/l	97
15) Acrylonitrile	3.15	53	471830	212.74	ug/l	98
16) Acetone	2.44	43	415943	220.80	ug/l	97
17) Carbon Disulfide	2.57	76	427454	47.28	ug/l	99
18) Methyl Acetate	2.78	43	230198	43.55	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	520420	47.42	ug/l	98
20) Methylene Chloride	2.85	84	173561	44.91	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	162761	47.09	ug/l	91
22) Diisopropyl ether	3.87	45	551442	47.61	ug/l	94
23) Vinyl Acetate	3.82	43	2311409	246.63	ug/l	98
24) 1,1-Dichloroethane	3.70	63	310269	47.45	ug/l	98
25) 2-Butanone	4.69	43	619717	206.70	ug/l	92
26) 2,2-Dichloropropane	4.59	77	238038	53.00	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	183277	47.50	ug/l	98
28) Bromochloromethane	5.02	49	137381	45.93	ug/l	99
29) Tetrahydrofuran	5.15	42	388873	215.08	ug/l	98
30) Chloroform	5.21	83	298997	46.84	ug/l	100
31) Cyclohexane	5.57	56	282076	50.52	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	243859	47.43	ug/l	99
36) 1,1-Dichloropropene	5.80	75	232638	51.83	ug/l	99
37) Ethyl Acetate	4.85	43	228960	44.85	ug/l	99
38) Carbon Tetrachloride	5.77	117	217620	49.64	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	253336	54.09	ug/l	97
40) Benzene	6.14	78	691554	51.93	ug/l	98
41) Methacrylonitrile	5.05	41	133690	47.53	ug/l	97
42) 1,2-Dichloroethane	6.20	62	224015	50.72	ug/l	99
43) Isopropyl Acetate	6.46	43	357117	52.67	ug/l	99
44) Trichloroethene	7.21	130	166816	48.22	ug/l	97
45) 1,2-Dichloropropane	7.51	63	154721	48.29	ug/l	100
46) Dibromomethane	7.66	93	97819	48.32	ug/l	98
47) Bromodichloromethane	7.90	83	186742	48.78	ug/l	99
48) Methyl methacrylate	7.77	41	160486	47.83	ug/l	97
49) 1,4-Dioxane	7.75	88	69729	878.05	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1014026	211.94	ug/l	98
52) Toluene	8.79	92	370304	47.20	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	227858	50.95	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	238539	52.33	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	165004	48.84	ug/l	94
56) Ethyl methacrylate	9.18	69	248678	52.04	ug/l	98
57) 1,3-Dichloropropane	9.37	76	279941	51.00	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	605646	248.77	ug/l	96
59) 2-Hexanone	9.50	43	900586	245.40	ug/l	98
60) Dibromochloromethane	9.59	129	171513	53.93	ug/l	97
61) 1,2-Dibromoethane	9.68	107	166349	51.55	ug/l	97
64) Tetrachloroethene	9.34	164	214943	52.20	ug/l	95
65) Chlorobenzene	10.14	112	418543	51.10	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	148223	52.47	ug/l	99
67) Ethyl Benzene	10.25	91	717407	53.86	ug/l	97
68) m/p-Xylenes	10.36	106	561849	109.51	ug/l	97
69) o-Xylene	10.70	106	269645	54.67	ug/l	100
70) Styrene	10.71	104	456832	55.90	ug/l	99
71) Bromoform	10.86	173	119372	51.47	ug/l #	98
73) Isopropylbenzene	11.02	105	731436	53.30	ug/l	100
74) N-amyl acetate	10.90	43	283326	49.05	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	207988	46.99	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	257680	61.47	ug/l	86
77) Bromobenzene	11.26	156	192401	50.73	ug/l	99
78) n-propylbenzene	11.36	91	855372	54.21	ug/l	100
79) 2-Chlorotoluene	11.42	91	492740	51.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	624024	54.10	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	69348	52.73	ug/l	95
82) 4-Chlorotoluene	11.51	91	585236	52.40	ug/l	99
83) tert-Butylbenzene	11.77	119	591314	53.84	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	643308	54.62	ug/l	99
85) sec-Butylbenzene	11.94	105	760765	54.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	691118	55.92	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	363559	51.38	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	369166	50.49	ug/l	99
89) n-Butylbenzene	12.39	91	625160	55.51	ug/l	98
90) Hexachloroethane	12.60	117	103813	52.47	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	362987	50.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45639	48.29	ug/l	99

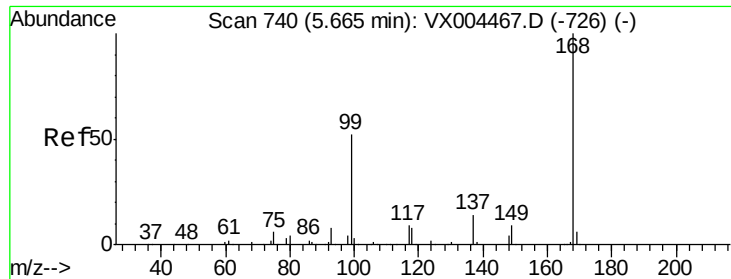
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	279851	55.18	ug/l	99
94) Hexachlorobutadiene	13.79	225	141000	53.22	ug/l	97
95) Naphthalene	13.83	128	765267	53.80	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	278043	53.36	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

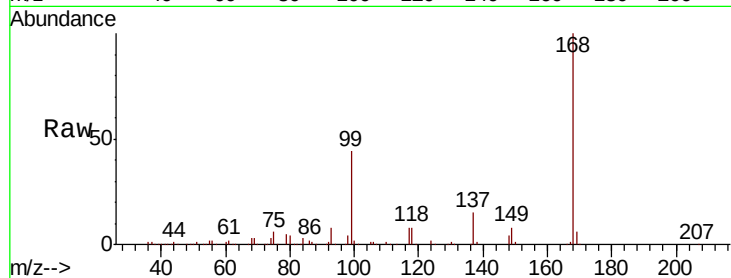
VSTDCCC050

Tot Ion:168 Resp: 299341

Ion Ratio Lower Upper

168 100

99 44.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

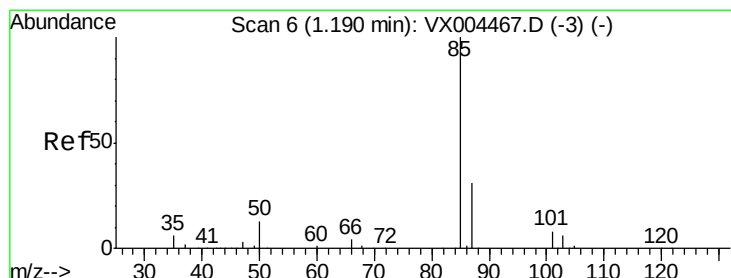
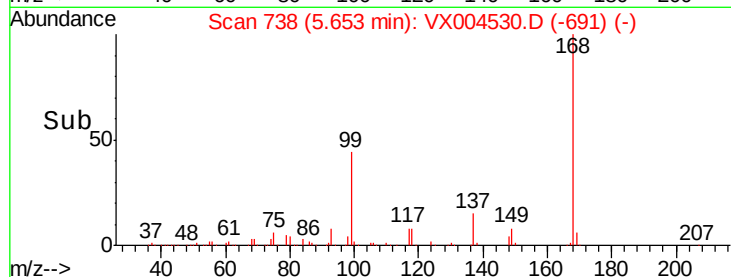
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.80 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004530.D

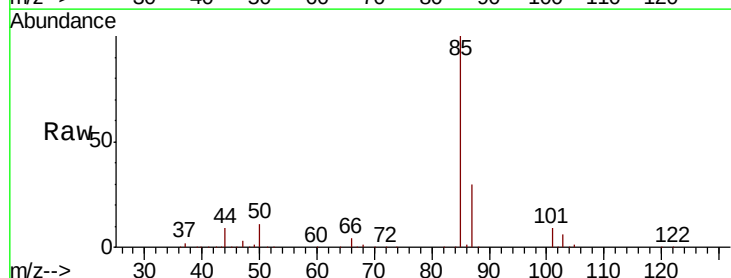
Acq: 14 Sep 2018 10:23

Tgt Ion: 85 Resp: 139719

Ion Ratio Lower Upper

85 100

87 30.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

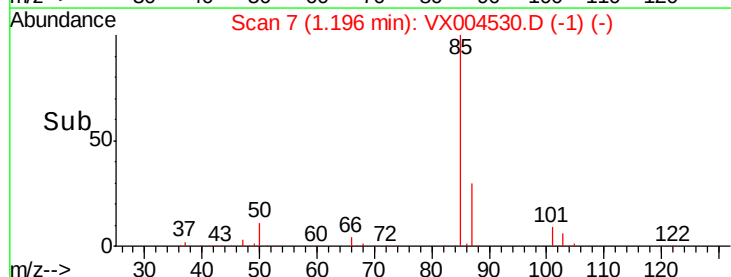
150000

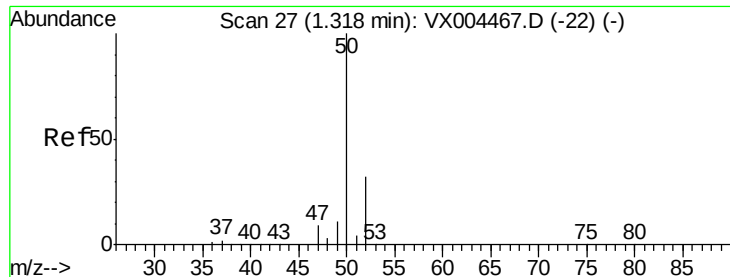
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.09 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

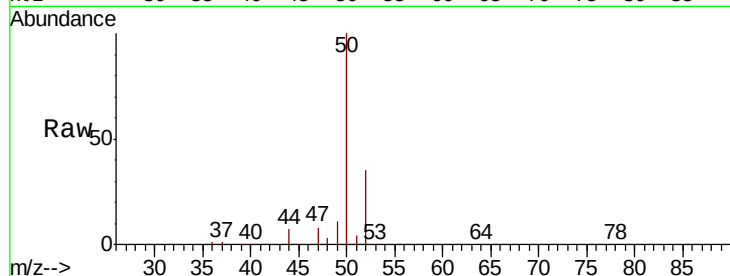
VSTDCCC050

Tot Ion: 50 Resp: 174080

Ion Ratio Lower Upper

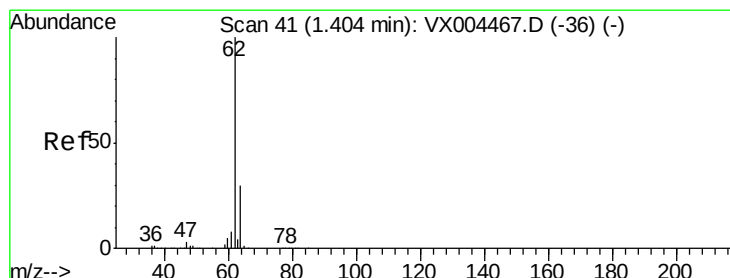
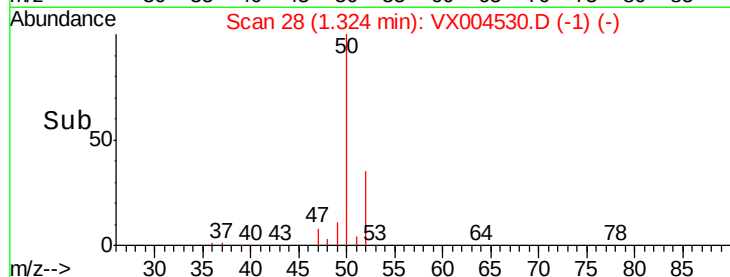
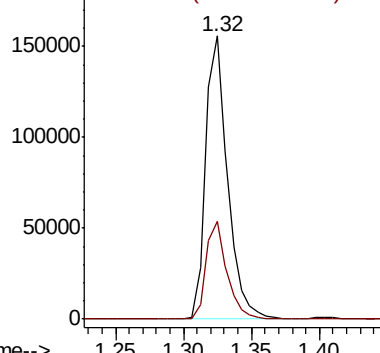
50 100

52 34.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.59 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004530.D

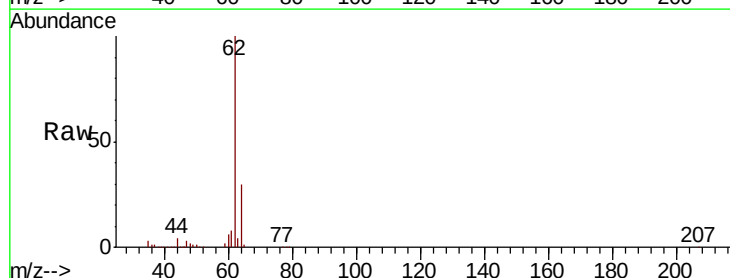
Acq: 14 Sep 2018 10:23

Tgt Ion: 62 Resp: 184622

Ion Ratio Lower Upper

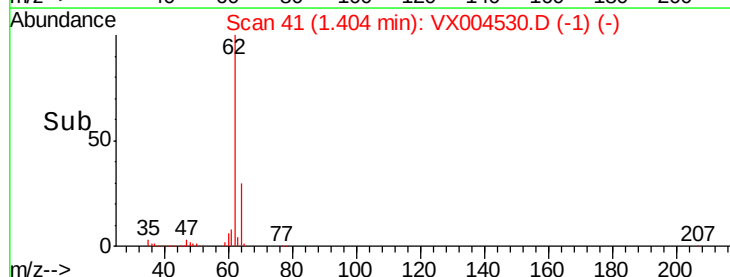
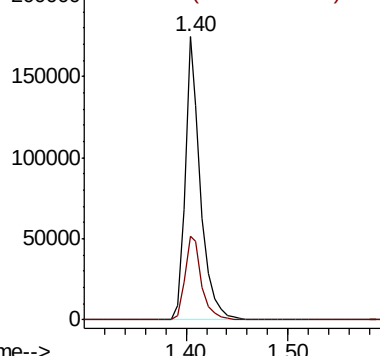
62 100

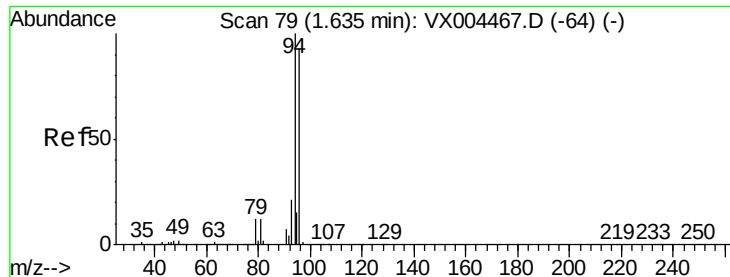
64 29.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.97 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

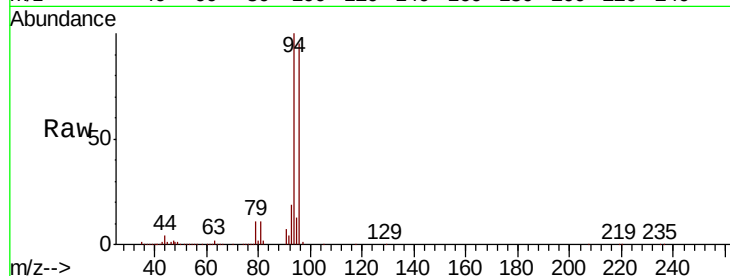
VSTDCCC050

Tot Ion: 94 Resp: 82912

Ion Ratio Lower Upper

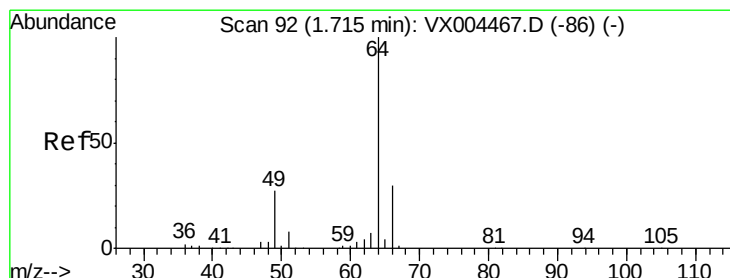
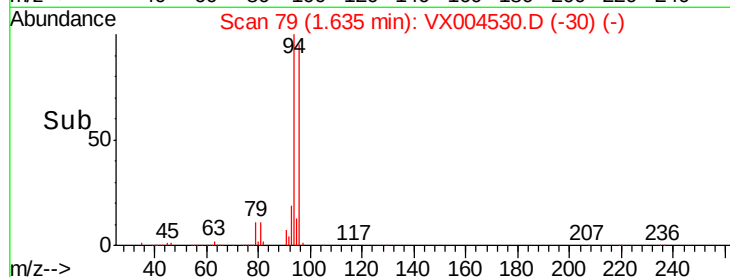
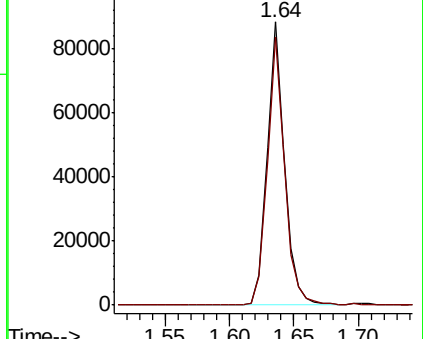
94 100

96 94.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.50 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004530.D

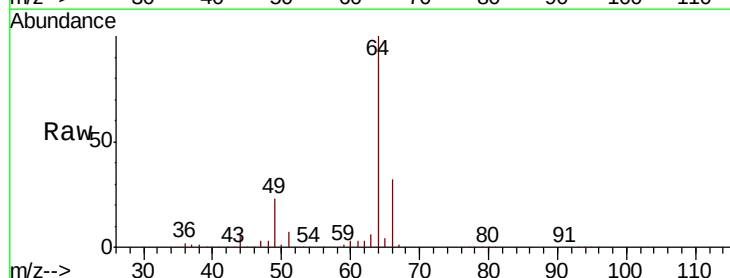
Acq: 14 Sep 2018 10:23

Tgt Ion: 64 Resp: 116598

Ion Ratio Lower Upper

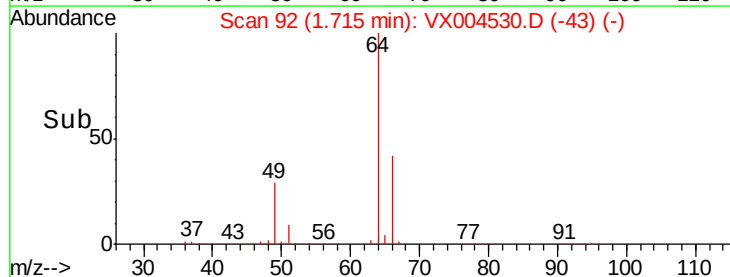
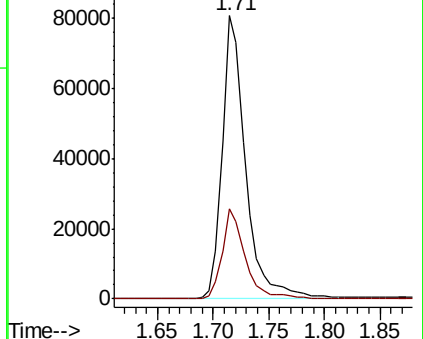
64 100

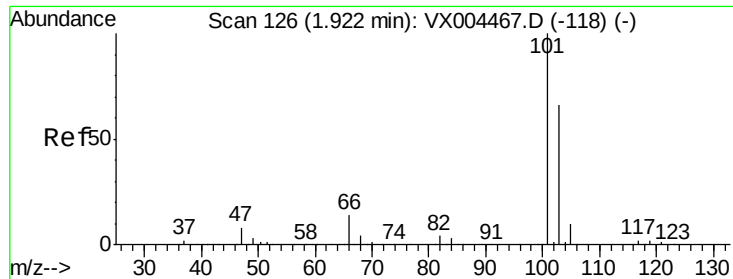
66 31.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



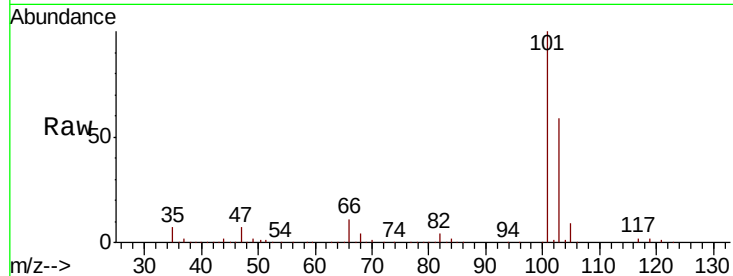


#7

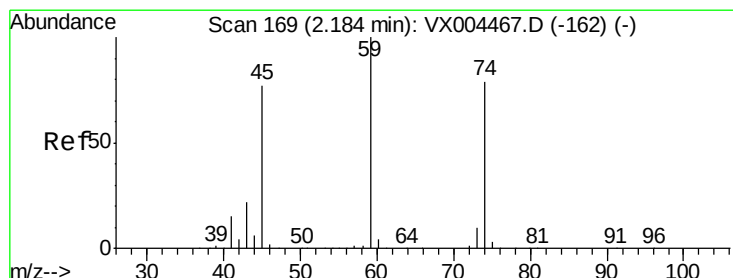
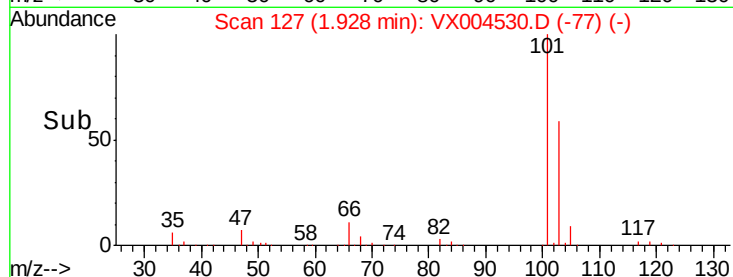
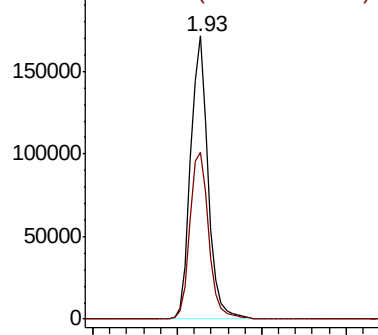
Trichlorofluoromethane
 Concen: 47.07 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 247296
 Ion Ratio Lower Upper
 101 100
 103 58.9 48.9 73.3



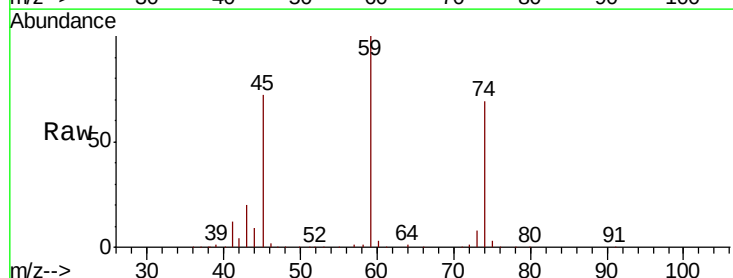
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



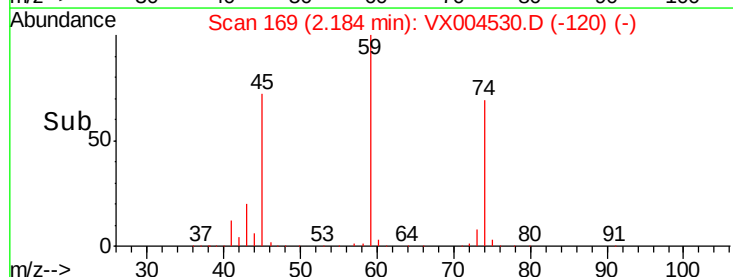
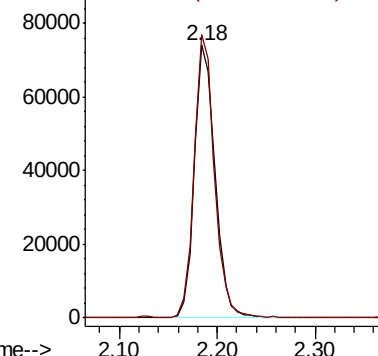
#8

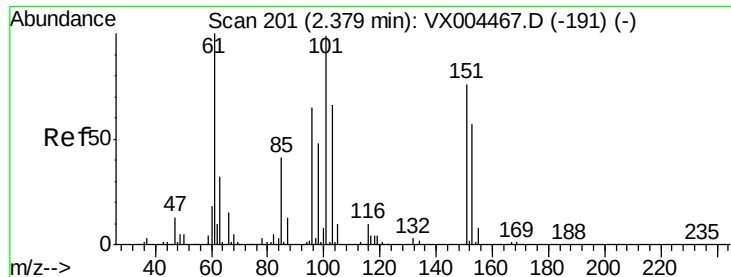
Diethyl Ether
 Concen: 46.17 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion: 74 Resp: 108736
 Ion Ratio Lower Upper
 74 100
 45 100.7 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: 48.28 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

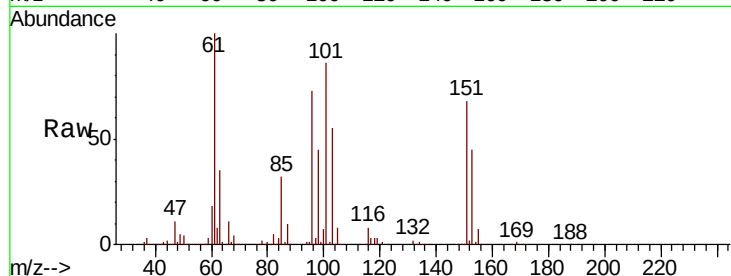
Tot Ion:101 Resp: 160893

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

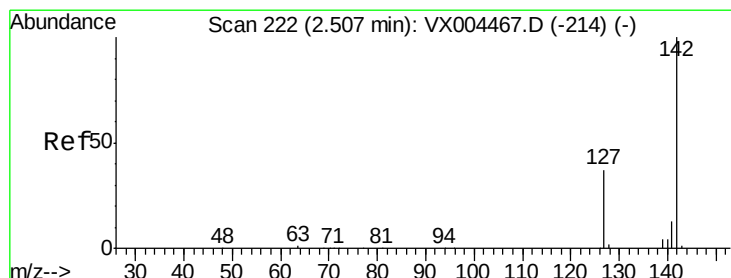
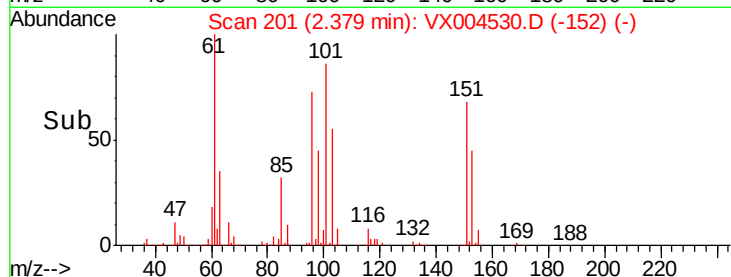
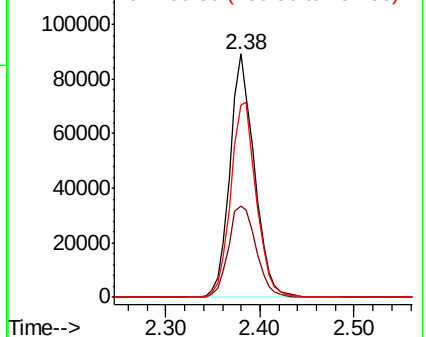
151 83.9 65.0 97.6



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: 46.56 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

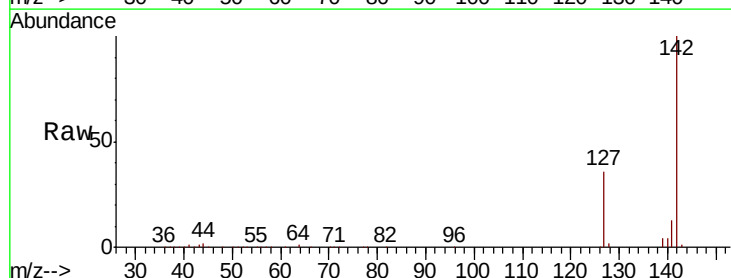
Tgt Ion:142 Resp: 184180

Ion Ratio Lower Upper

142 100

127 39.8 33.8 50.6

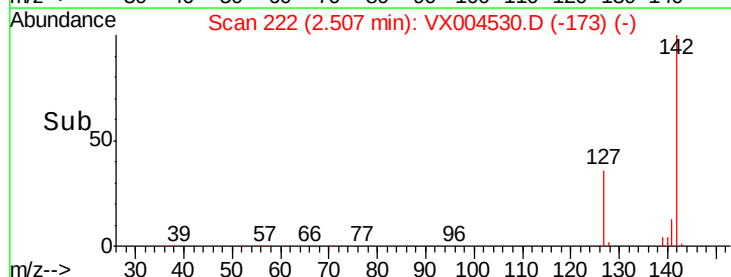
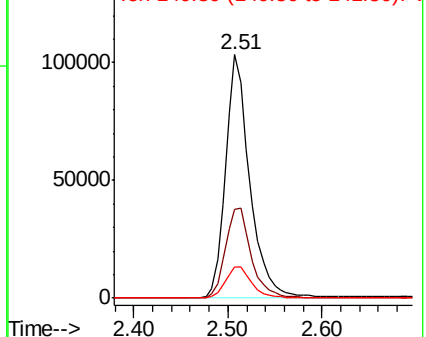
141 13.8 11.4 17.0

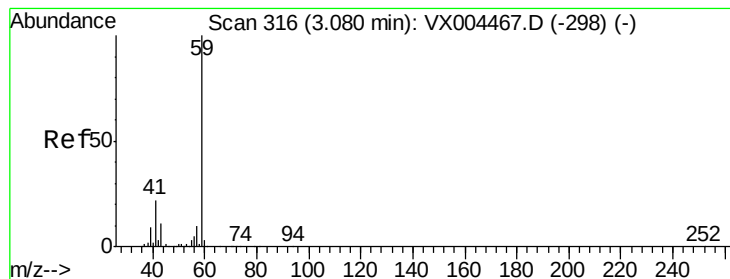


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



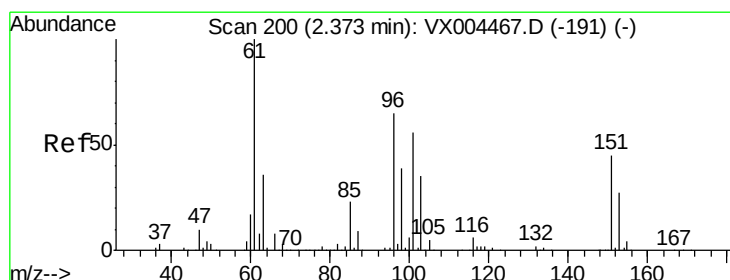
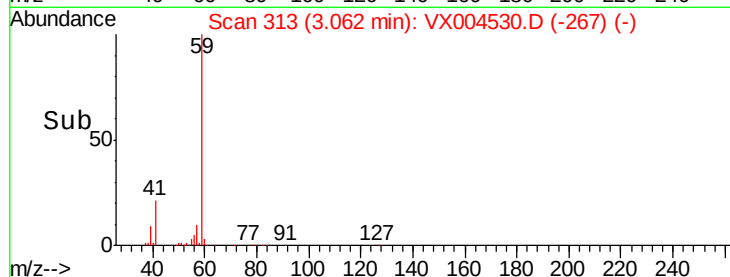
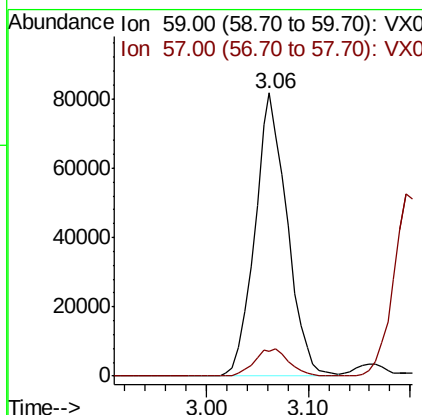
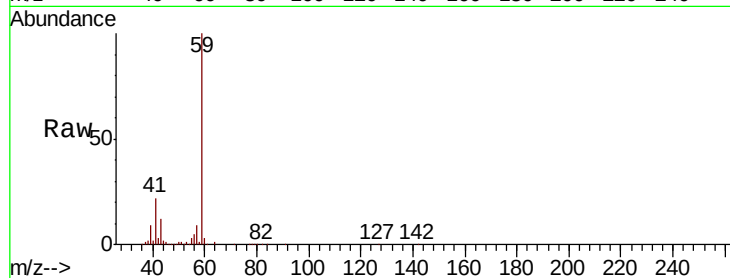


#11

Tert butyl alcohol
 Concen: 195.04 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

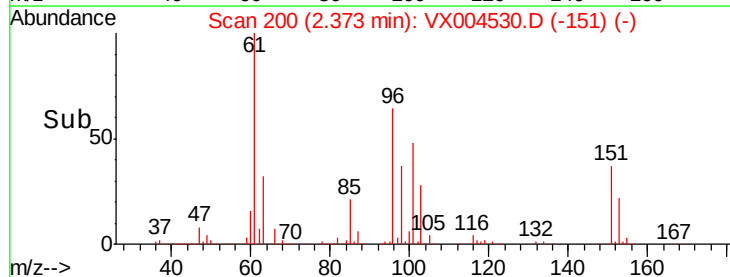
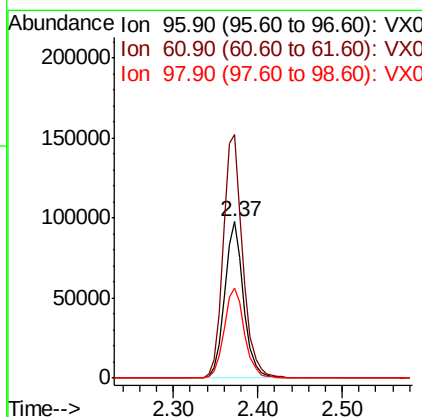
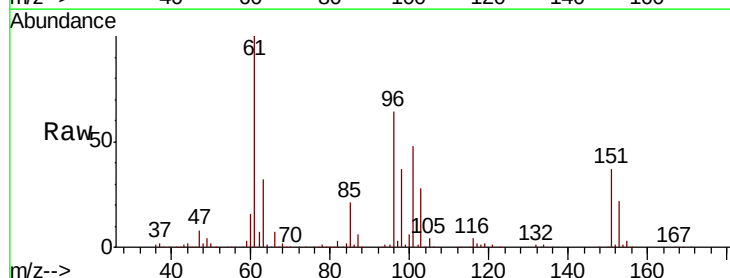
Tot Ion: 59 Resp: 179631
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

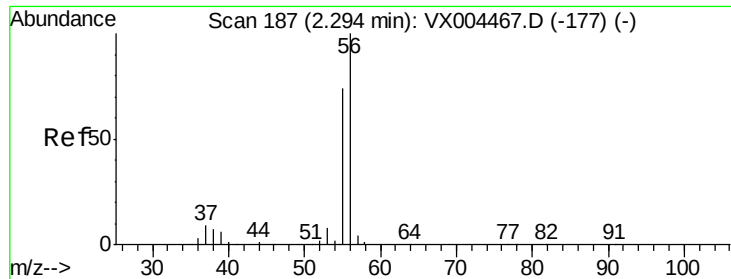


#12

1,1-Dichloroethene
 Concen: 48.42 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion: 96 Resp: 151453
 Ion Ratio Lower Upper
 96 100
 61 155.6 128.8 193.2
 98 57.9 52.2 78.2





#13

Acrolein

Concen: 202.58 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

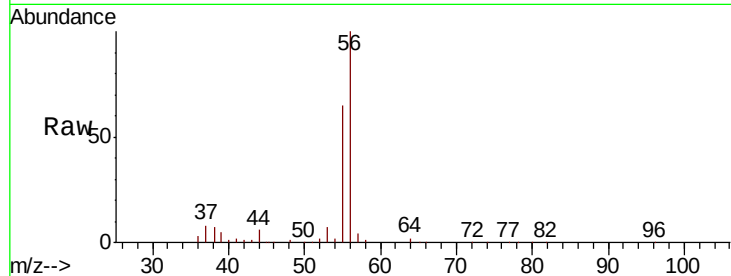
VSTDCCC050

Tot Ion: 56 Resp: 73647

Ion Ratio Lower Upper

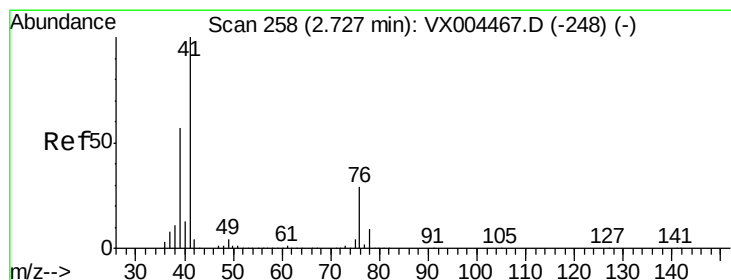
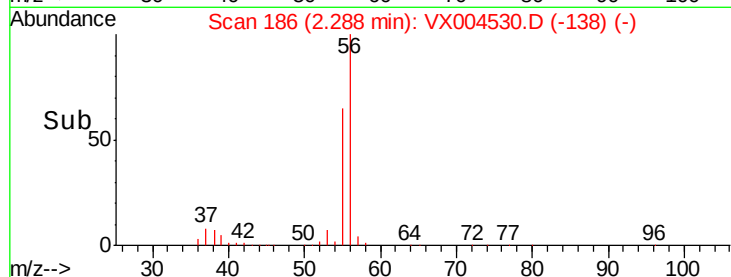
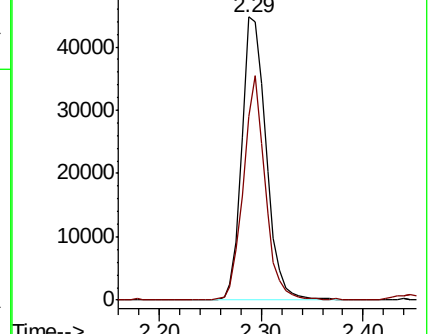
56 100

55 71.3 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: 45.72 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

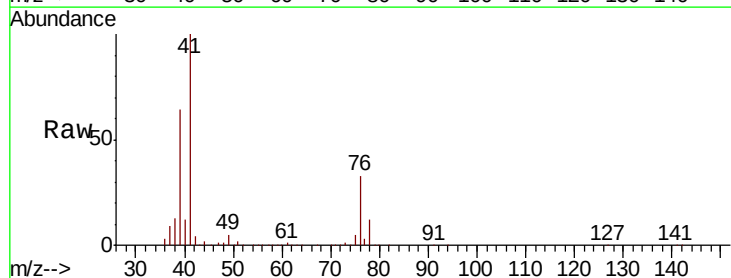
Tgt Ion: 41 Resp: 293966

Ion Ratio Lower Upper

41 100

39 57.8 48.9 73.3

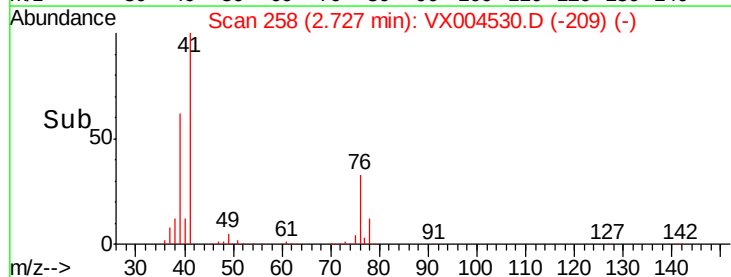
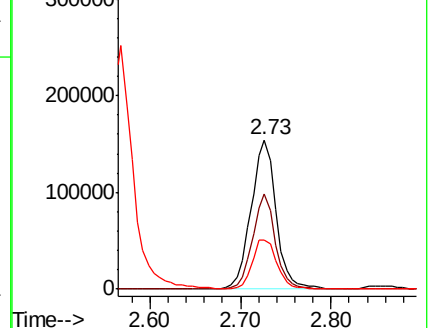
76 32.8 26.7 40.1

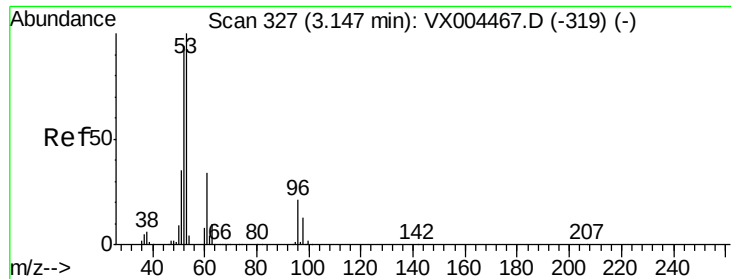


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 212.74 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

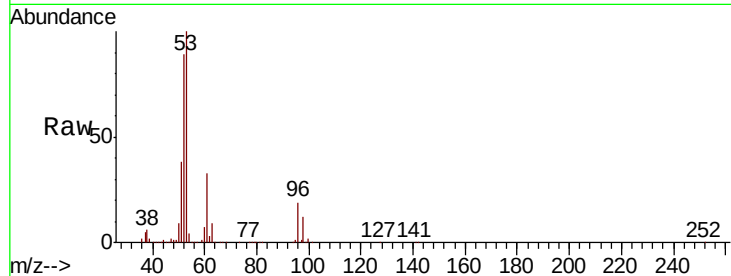
Tot Ion: 53 Resp: 471830

Ion Ratio Lower Upper

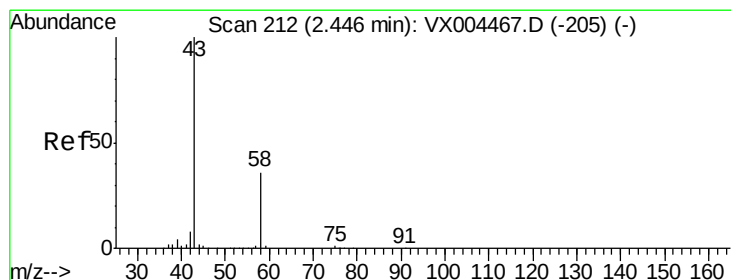
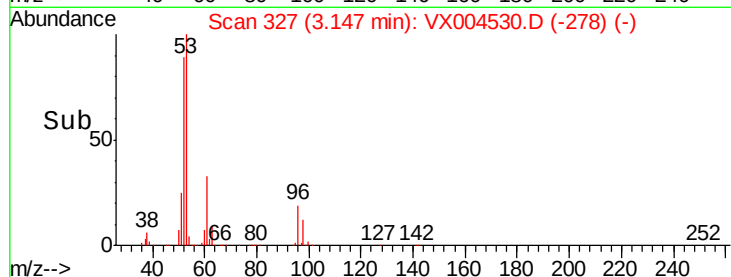
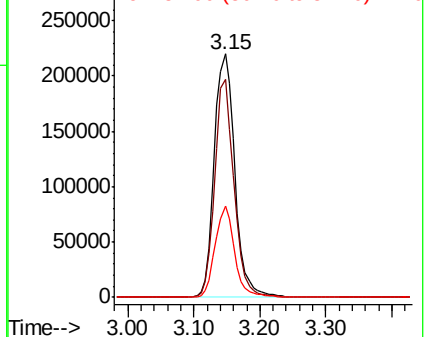
53 100

52 83.5 65.2 97.8

51 35.7 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: 220.80 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004530.D

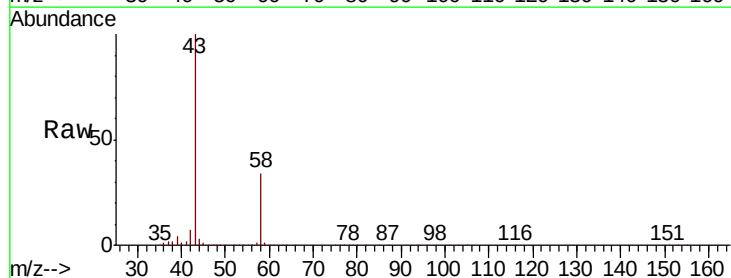
Acq: 14 Sep 2018 10:23

Tgt Ion: 43 Resp: 415943

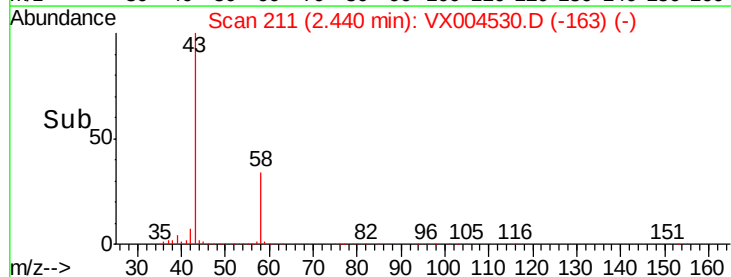
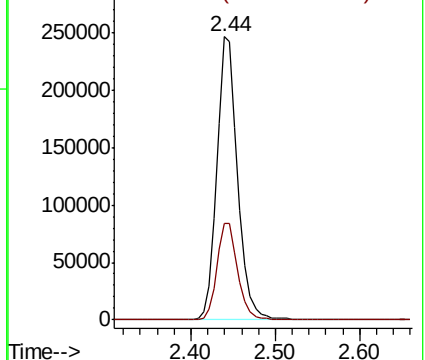
Ion Ratio Lower Upper

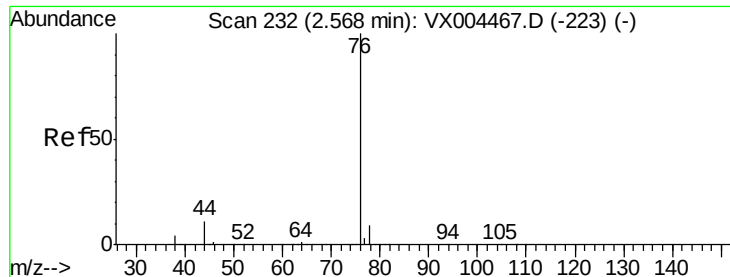
43 100

58 34.3 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: 47.28 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

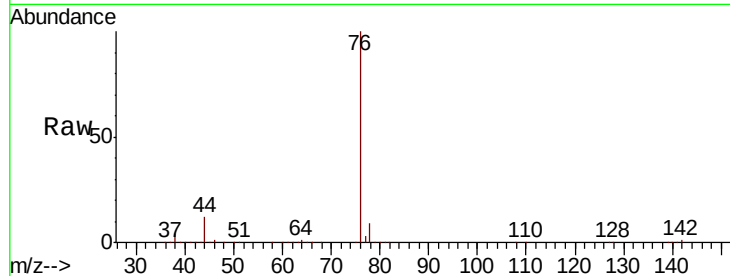
VSTDCCC050

Tot Ion: 76 Resp: 427454

Ion Ratio Lower Upper

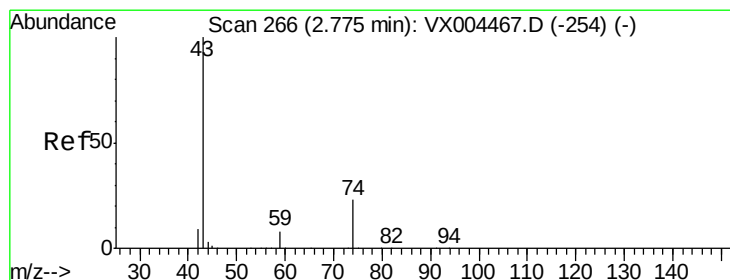
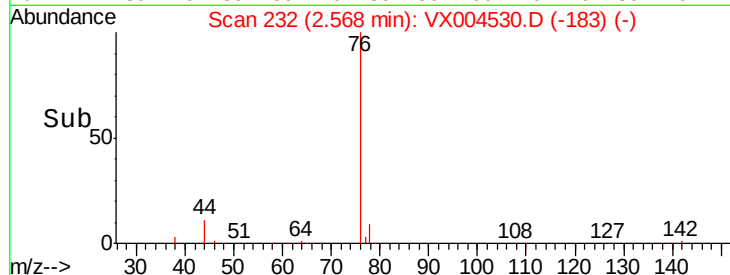
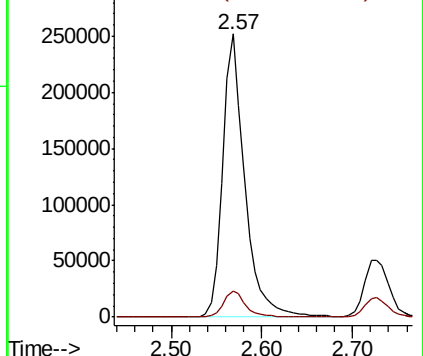
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.55 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004530.D

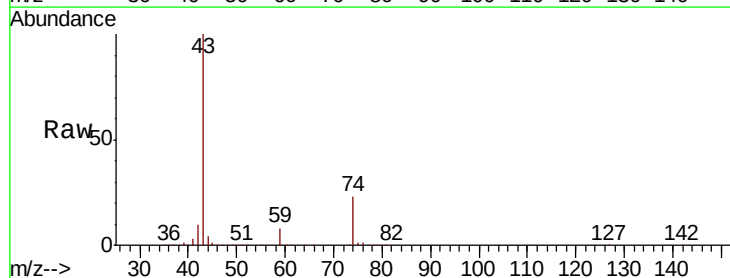
Acq: 14 Sep 2018 10:23

Tgt Ion: 43 Resp: 230198

Ion Ratio Lower Upper

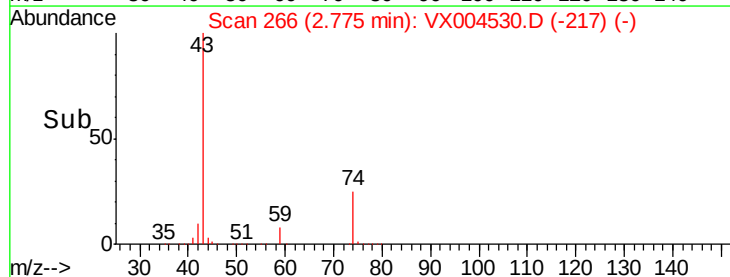
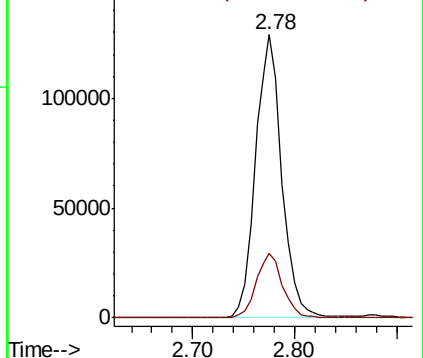
43 100

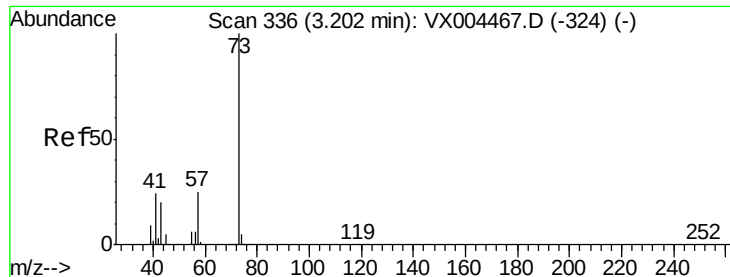
74 23.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 47.42 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

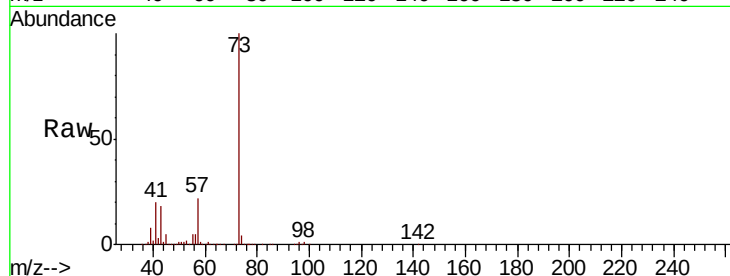
VSTDCCC050

Tot Ion: 73 Resp: 520420

Ion Ratio Lower Upper

73 100

57 22.2 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

250000

200000

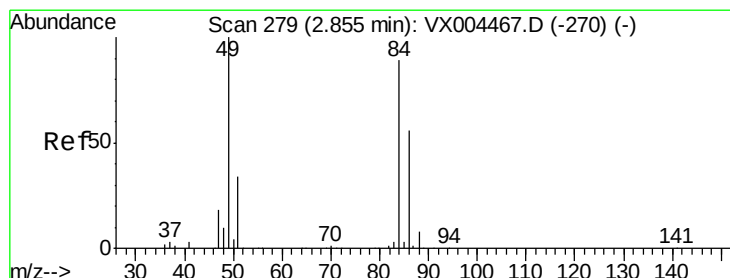
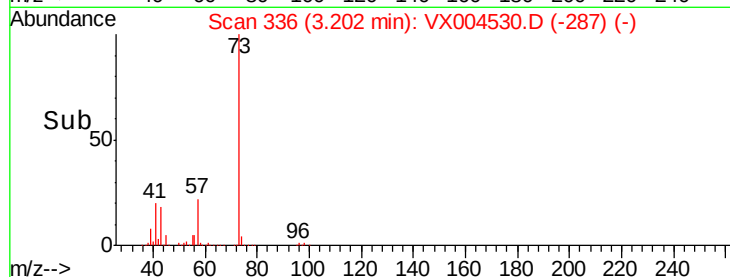
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 44.91 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Tgt Ion: 84 Resp: 173561

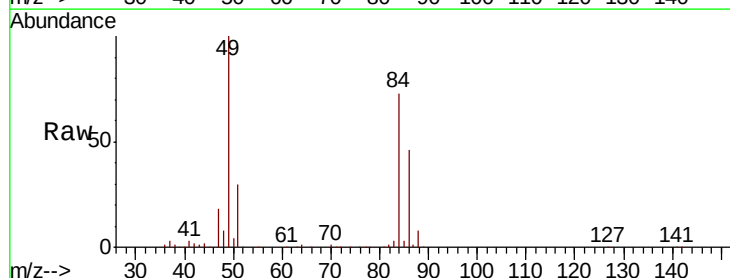
Ion Ratio Lower Upper

84 100

49 137.9 101.2 151.8

51 41.6 29.5 44.3

86 64.1 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

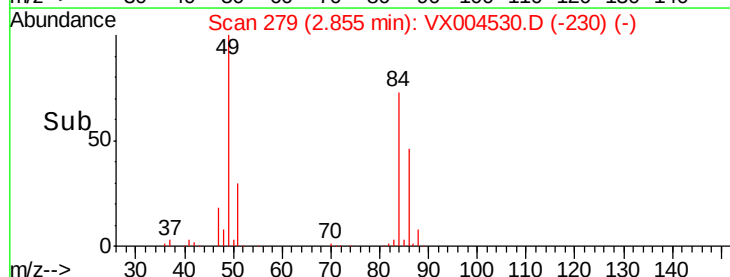
150000

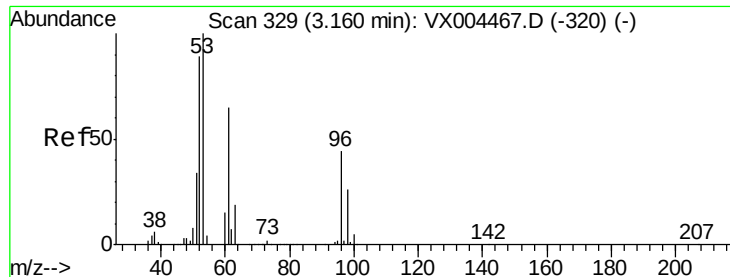
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.09 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

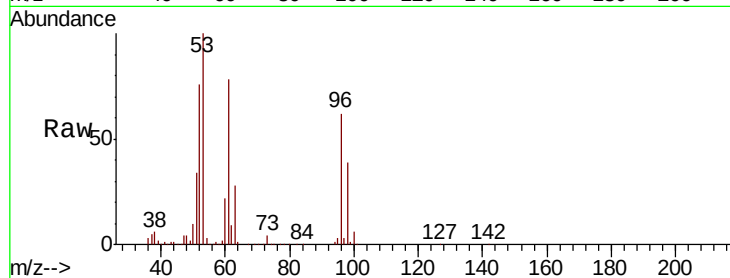
Tot Ion: 96 Resp: 162761

Ion Ratio Lower Upper

96 100

61 126.9 113.8 170.6

98 63.2 51.8 77.8

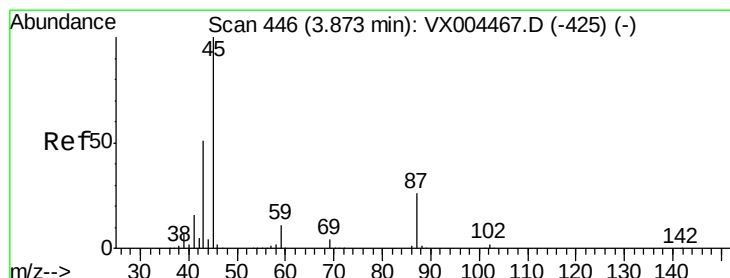
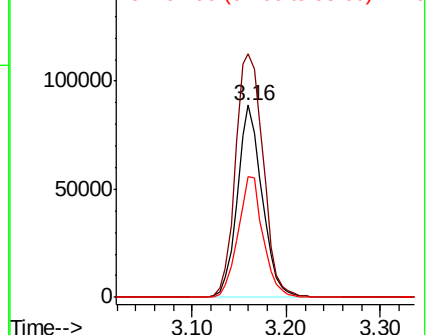
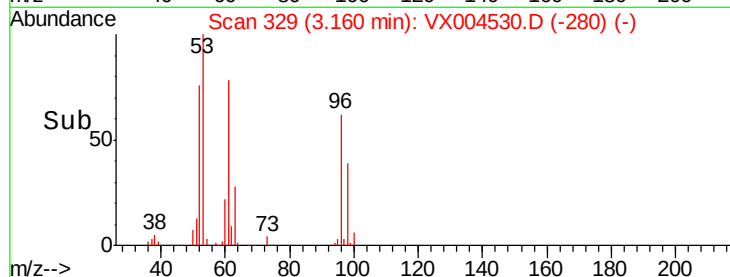


Abundance

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: 47.61 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Tgt Ion: 45 Resp: 551442

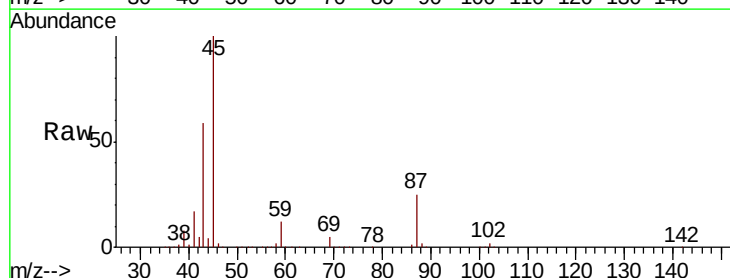
Ion Ratio Lower Upper

45 100

43 58.8 42.8 64.2

87 25.2 22.6 34.0

59 11.6 9.6 14.4



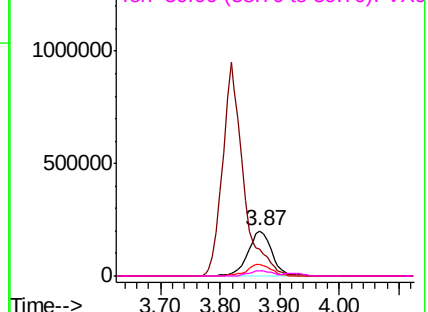
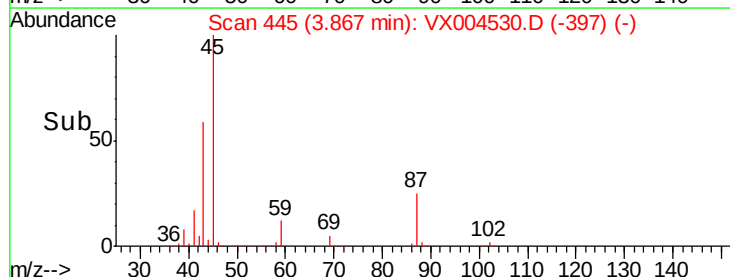
Abundance

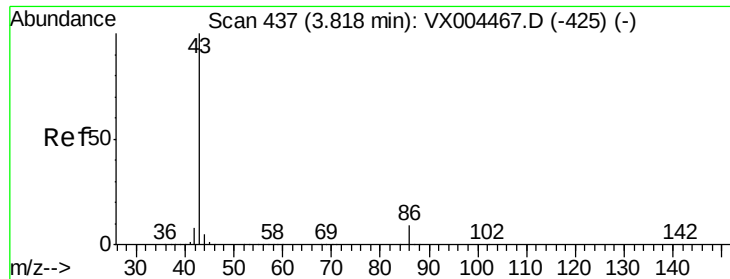
Ion 45.00 (44.70 to 45.70): VX0

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: 246.63 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

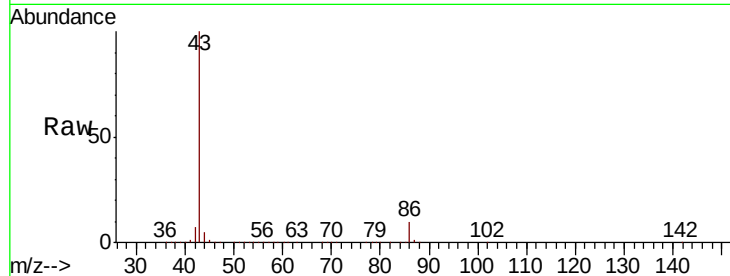
VSTDCCC050

Tot Ion: 43 Resp: 2311409

Ion Ratio Lower Upper

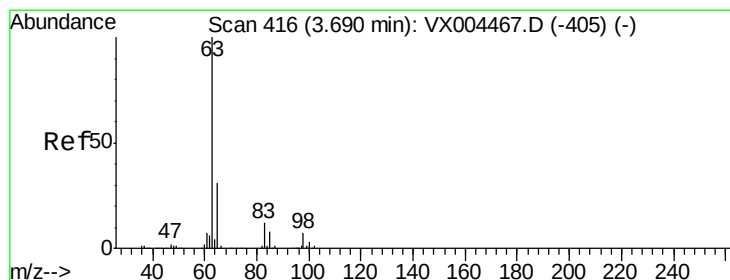
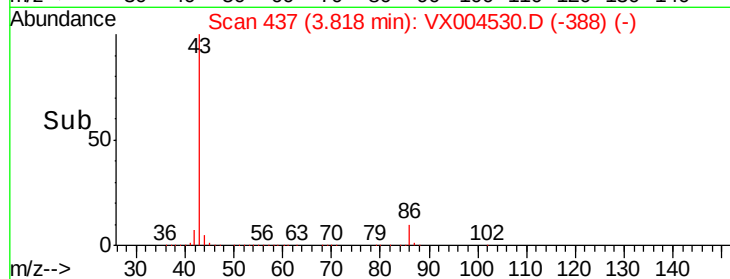
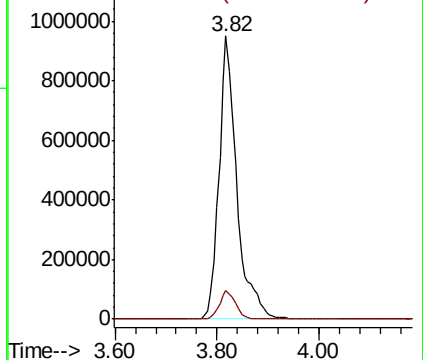
43 100

86 10.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.45 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

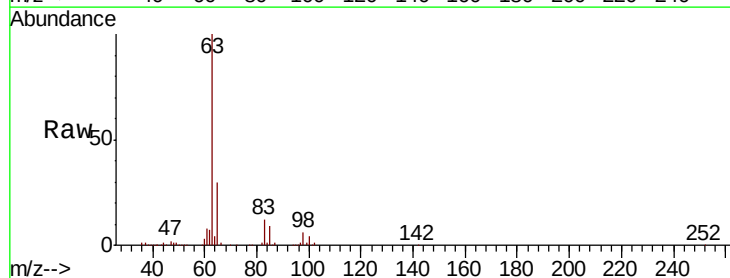
Tgt Ion: 63 Resp: 310269

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

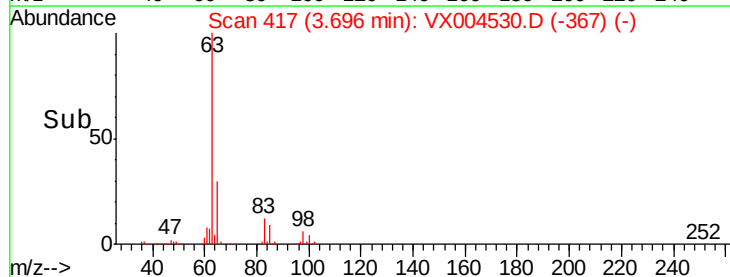
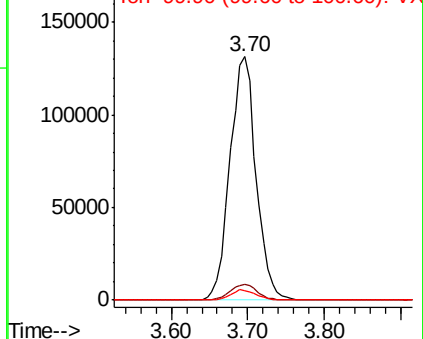
100 4.0 2.4 7.1

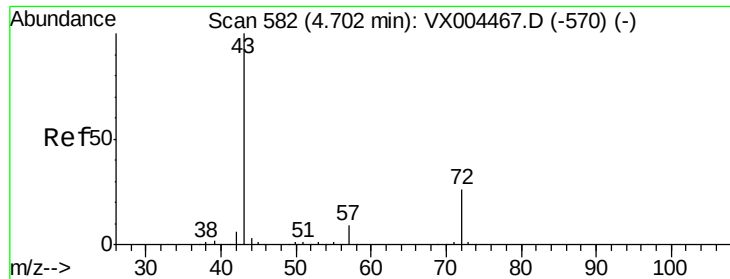


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 206.70 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

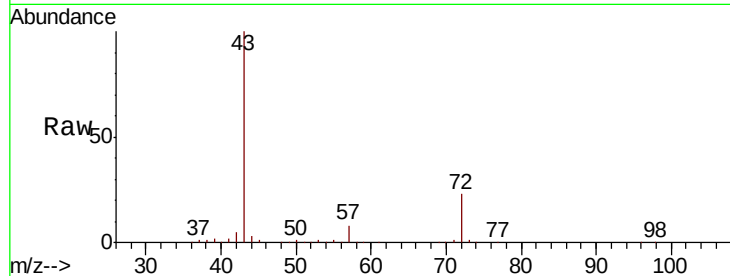
VSTDCCC050

Tot Ion: 43 Resp: 619717

Ion Ratio Lower Upper

43 100

72 23.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

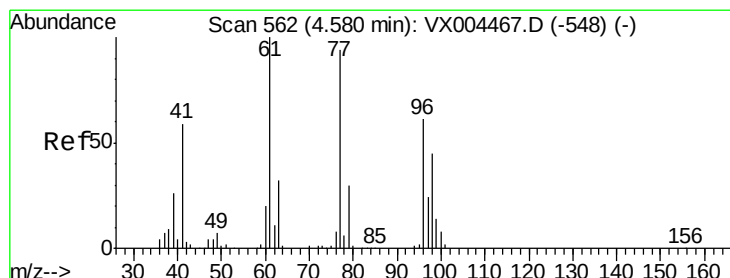
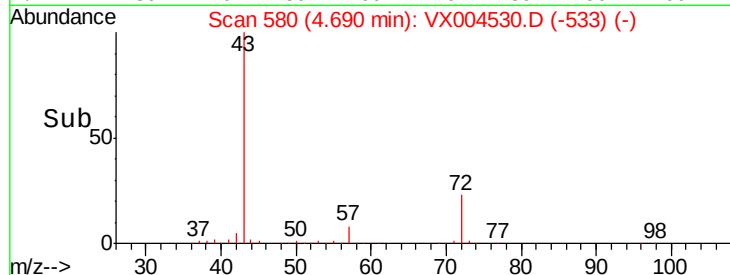
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 53.00 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004530.D

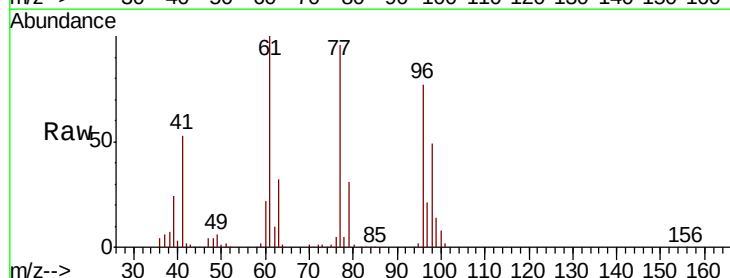
Acq: 14 Sep 2018 10:23

Tgt Ion: 77 Resp: 238038

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

40000

20000

0

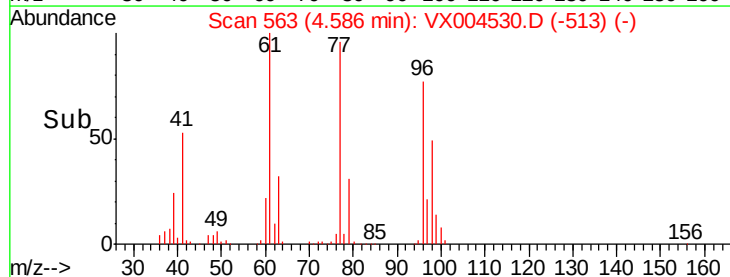
4.40

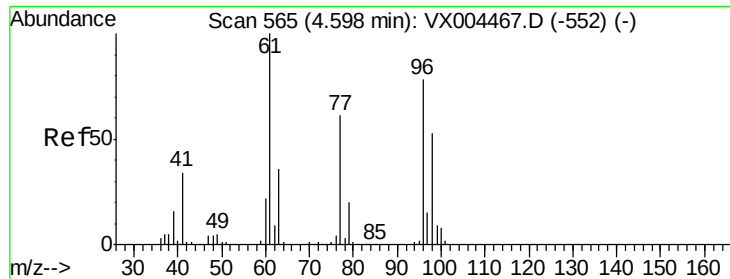
4.50

4.60

4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.50 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

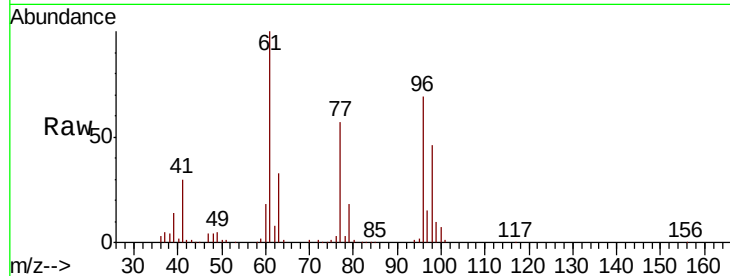
Tot Ion: 96 Resp: 183277

Ion Ratio Lower Upper

96 100

61 144.8 0.0 282.6

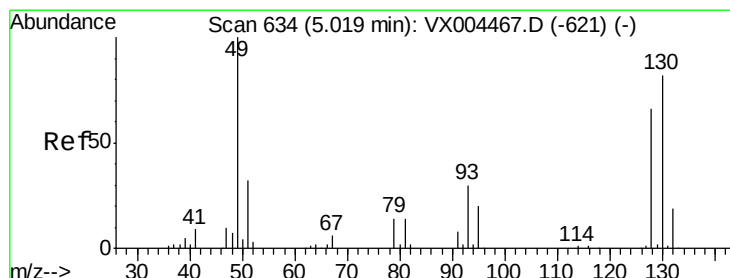
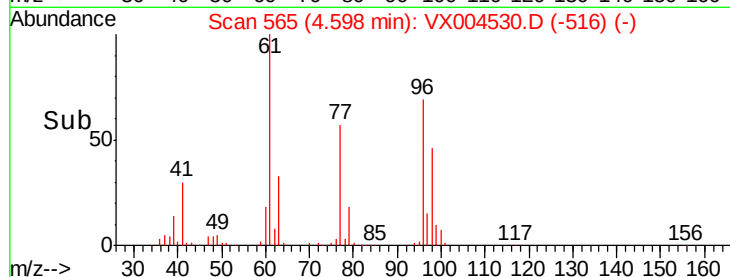
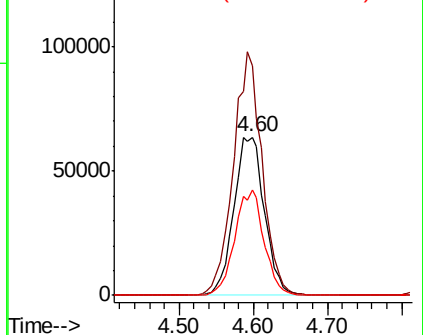
98 63.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 45.93 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

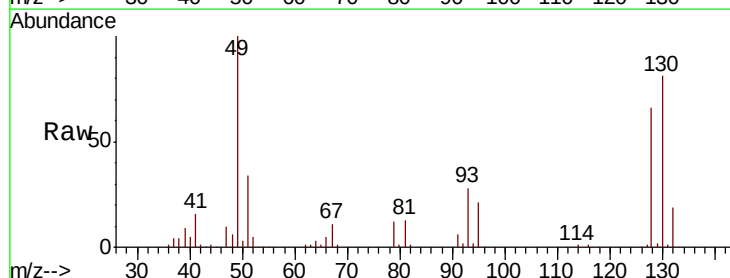
Tgt Ion: 49 Resp: 137381

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

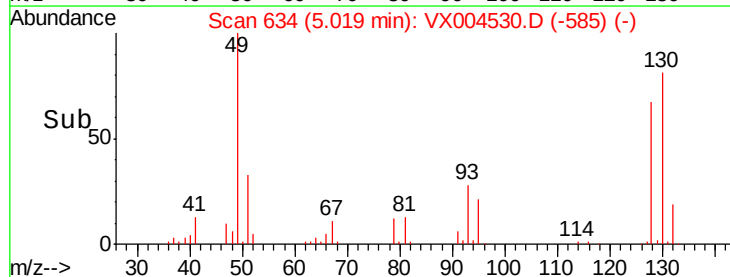
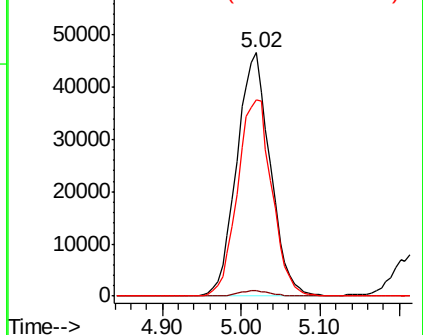
130 83.2 67.5 101.3

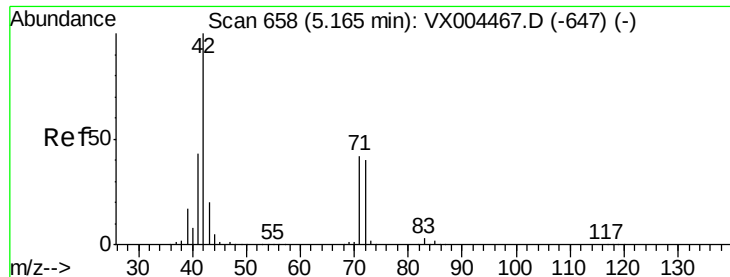


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 215.08 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

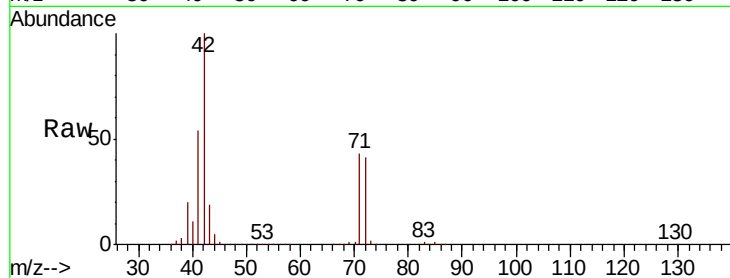
Tot Ion: 42 Resp: 388873

Ion Ratio Lower Upper

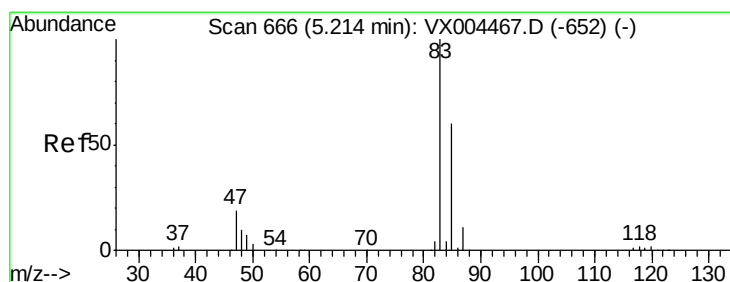
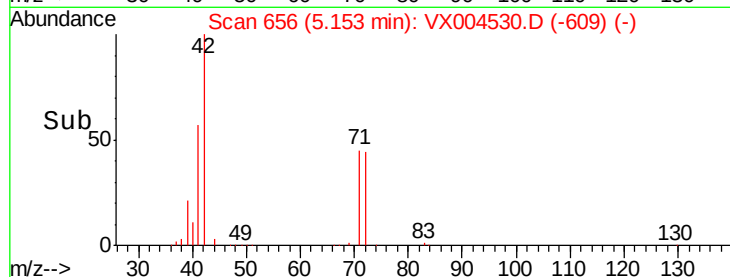
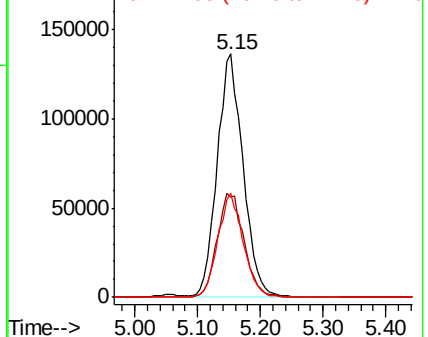
42 100

72 44.7 37.4 56.0

71 42.2 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: 46.84 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004530.D

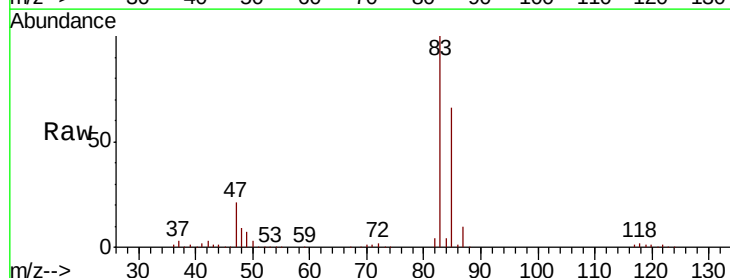
Acq: 14 Sep 2018 10:23

Tgt Ion: 83 Resp: 298997

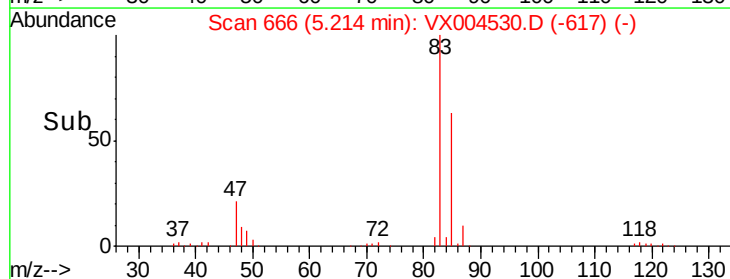
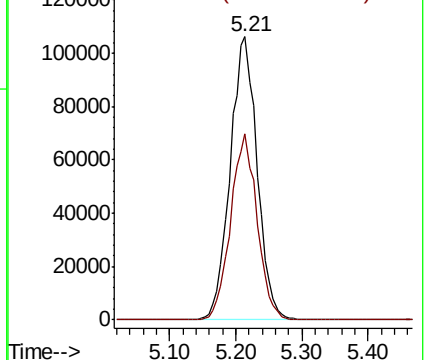
Ion Ratio Lower Upper

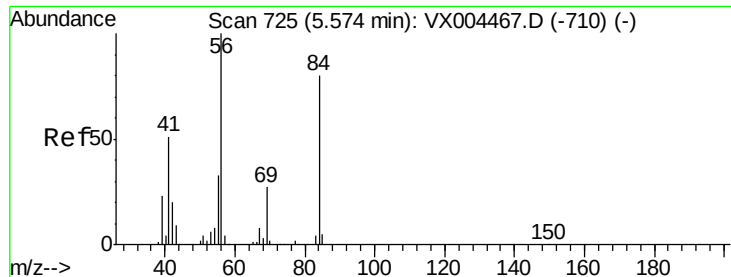
83 100

85 65.7 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: 50.52 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

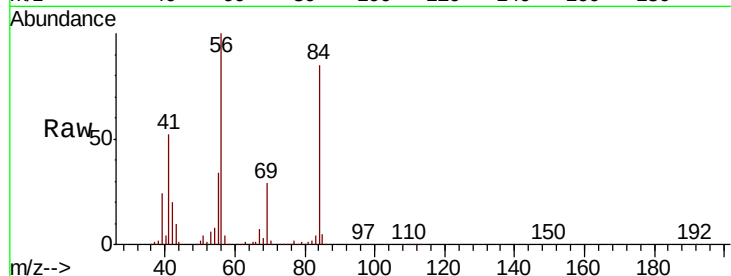
Tot Ion: 56 Resp: 282076

Ion Ratio Lower Upper

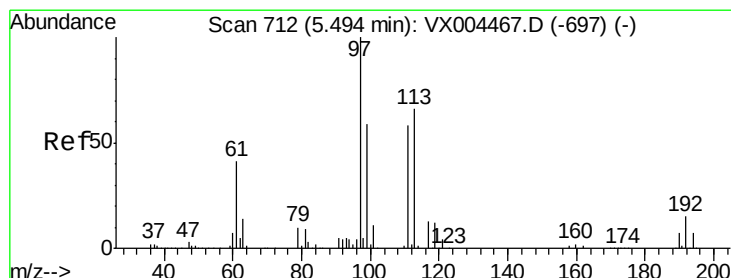
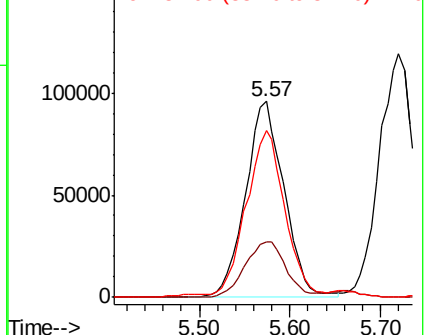
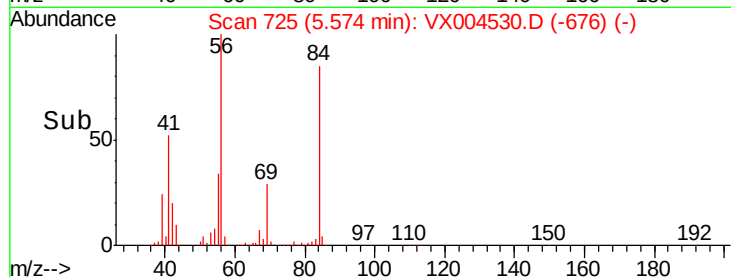
56 100

69 28.6 25.4 38.2

84 83.9 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 47.43 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

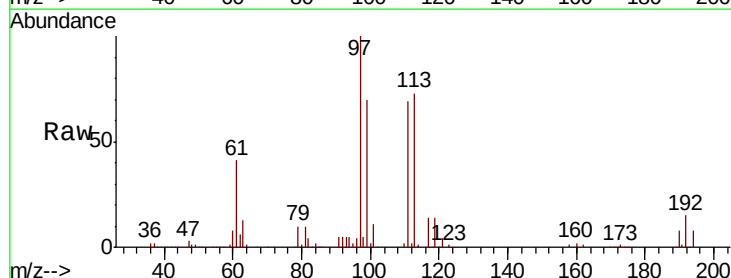
Tgt Ion: 97 Resp: 243859

Ion Ratio Lower Upper

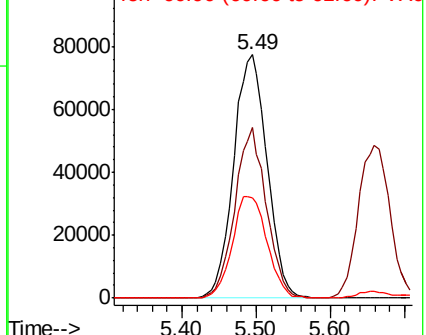
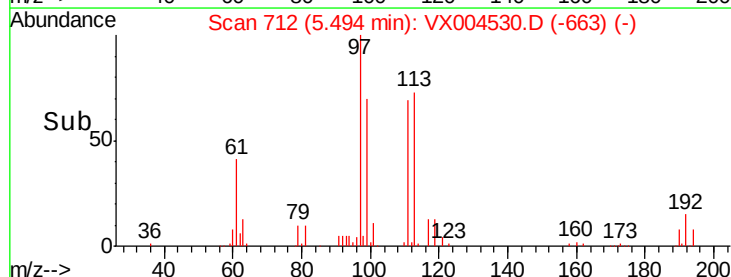
97 100

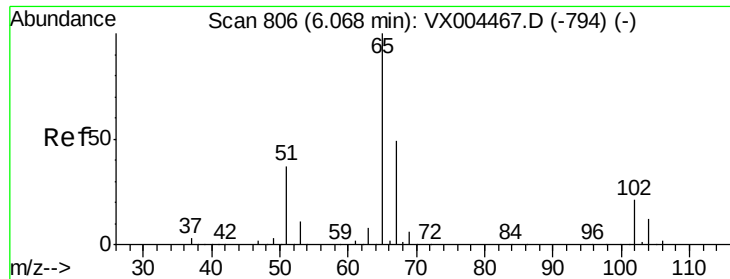
99 65.8 52.0 78.0

61 43.5 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 46.57 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

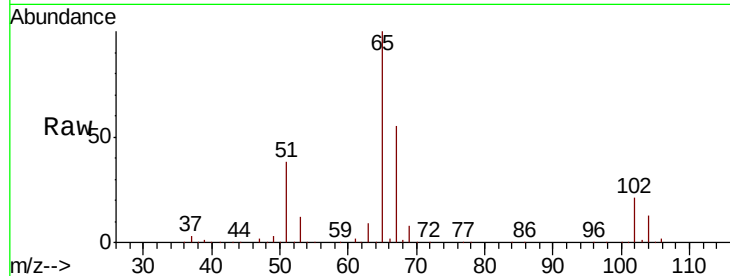
VSTDCCC050

Tot Ion: 65 Resp: 179743

Ion Ratio Lower Upper

65 100

67 54.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

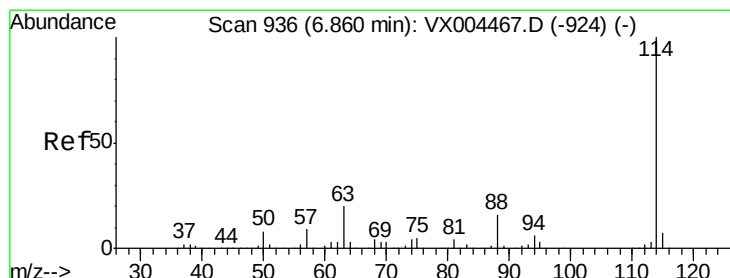
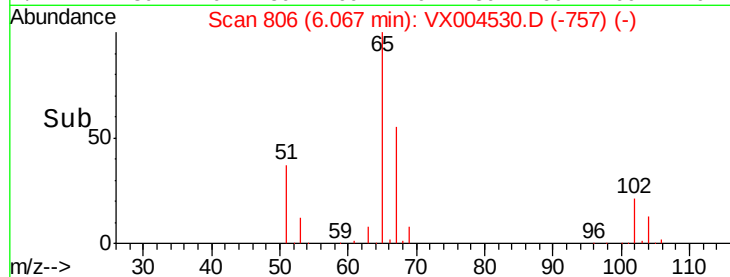
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

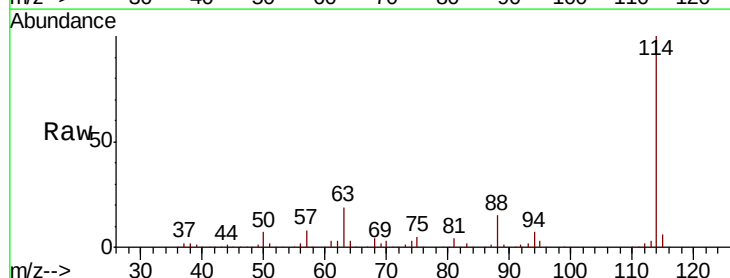
Tgt Ion: 114 Resp: 369679

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.0

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

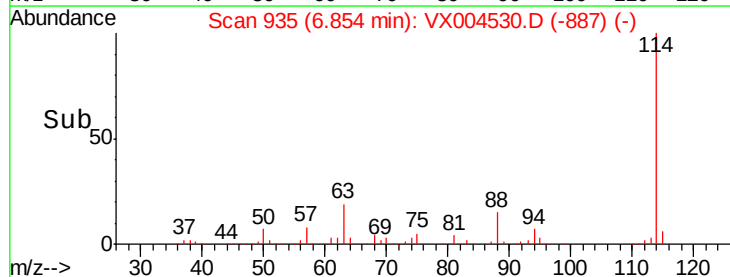
100000

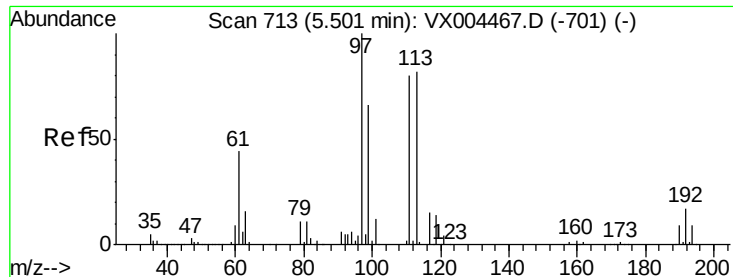
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->

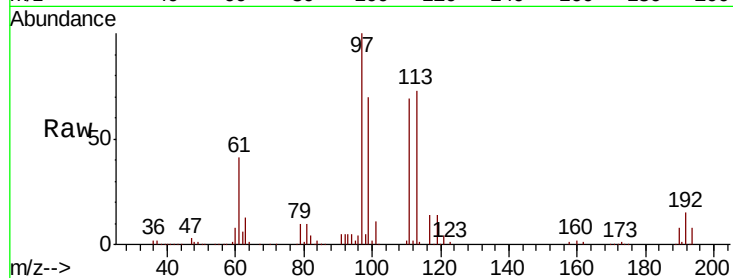




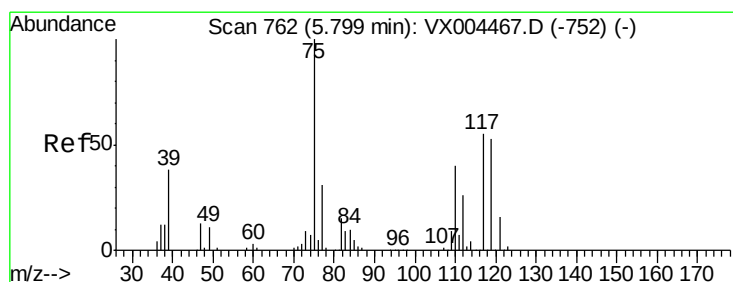
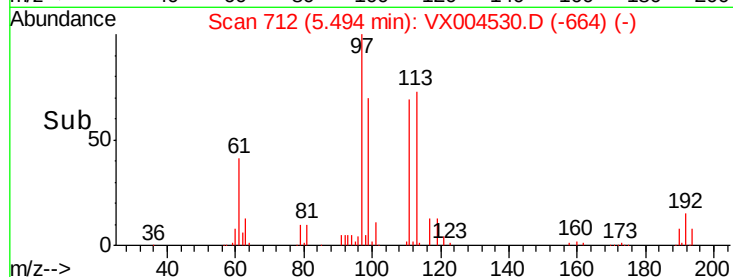
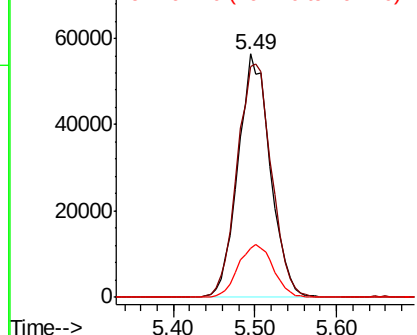
#35
 Dibromofluoromethane
 Concen: 45.59 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 154229
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 23.5 19.4 29.2

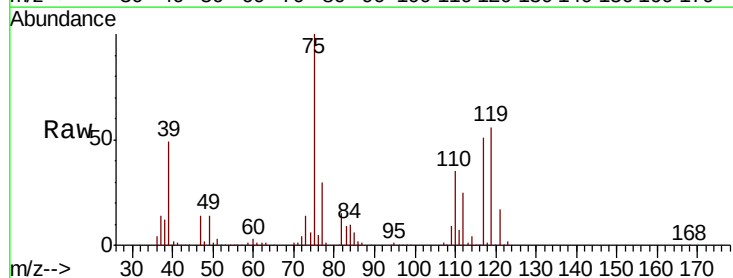


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

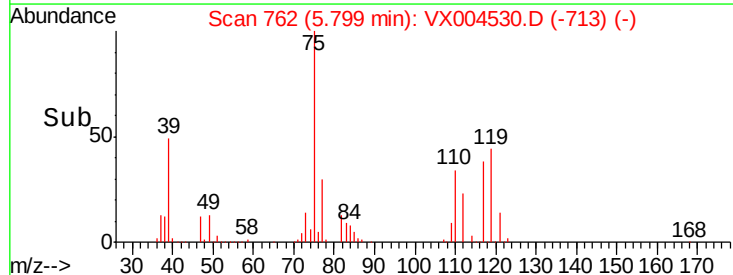
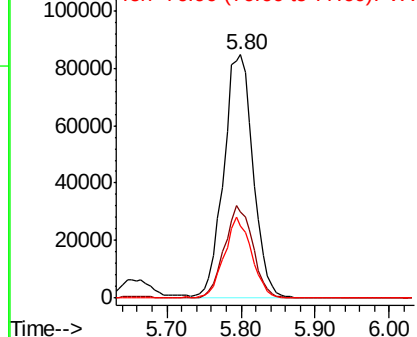


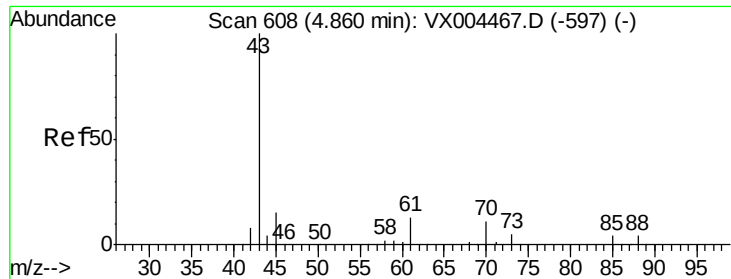
#36
 1,1-Dichloropropene
 Concen: 51.83 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion: 75 Resp: 232638
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.0 54.0
 77 30.9 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

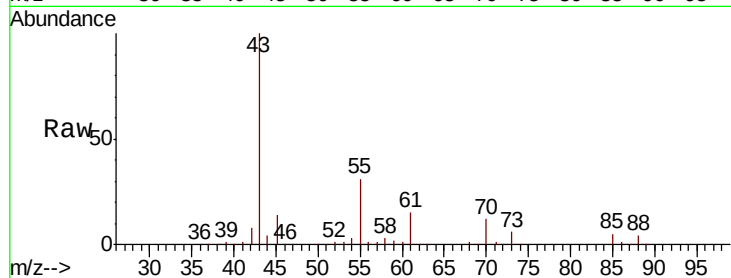




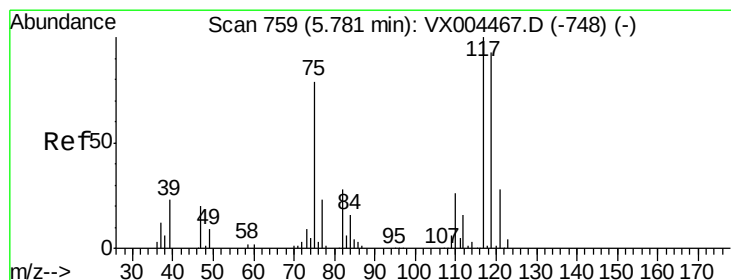
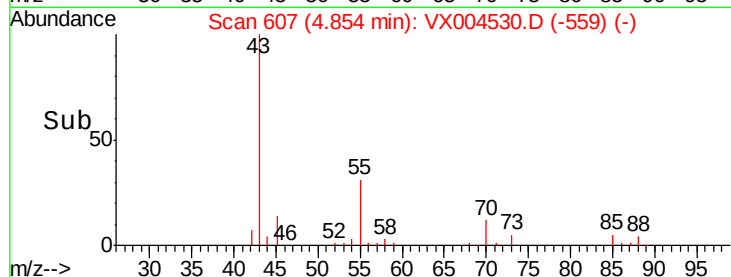
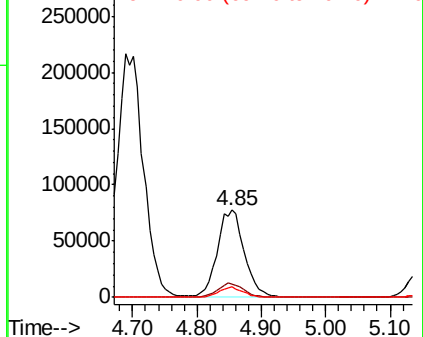
#37
Ethyl Acetate
Concen: 44.85 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 228960
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 11.0 9.0 13.6

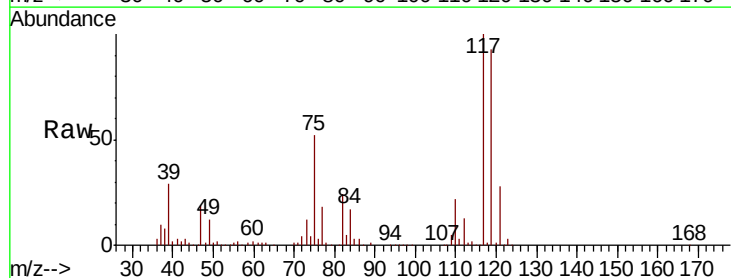


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

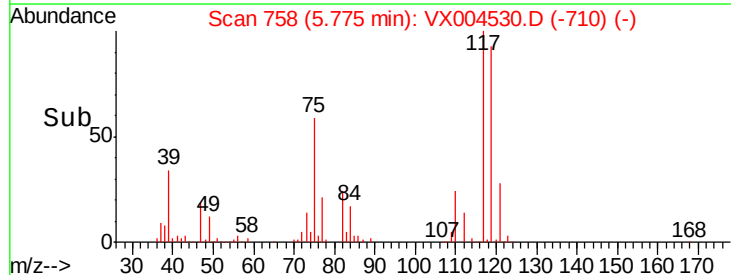
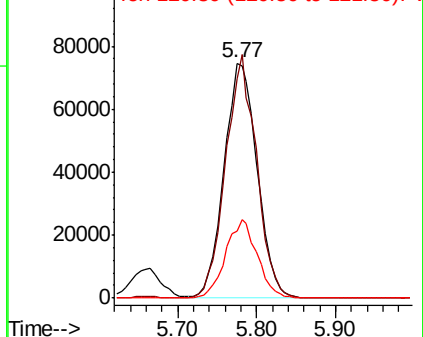


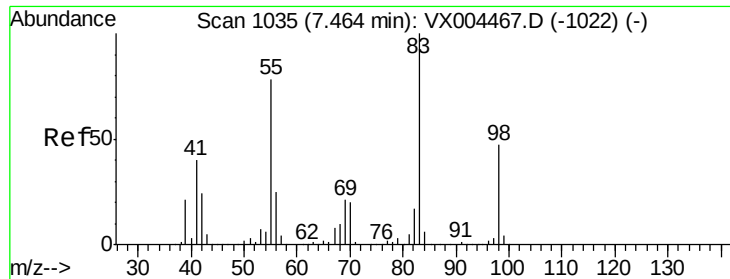
#38
Carbon Tetrachloride
Concen: 49.64 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion: 117 Resp: 217620
Ion Ratio Lower Upper
117 100
119 93.4 78.8 118.2
121 28.4 24.9 37.3



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

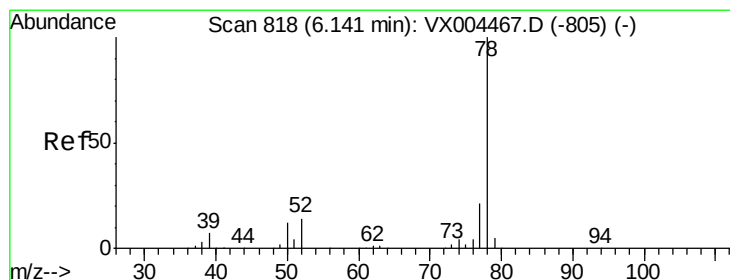
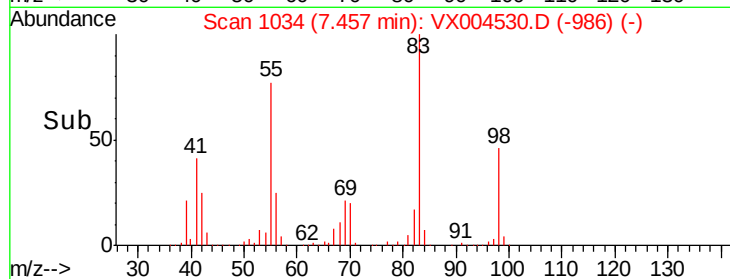
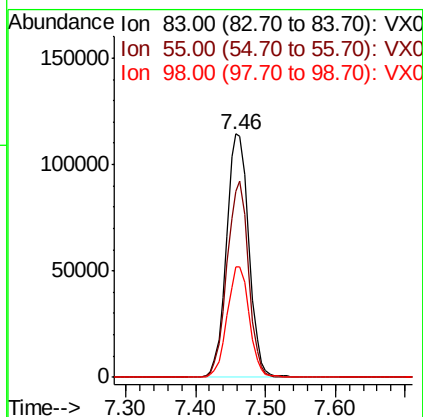
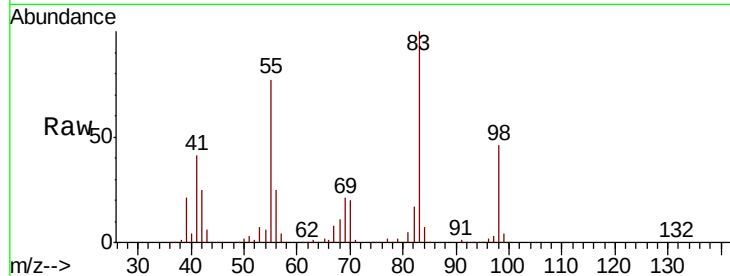




#39
Methylvlcyclohexane
Concen: 54.09 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

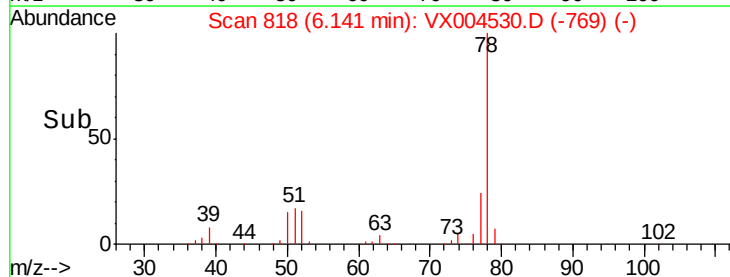
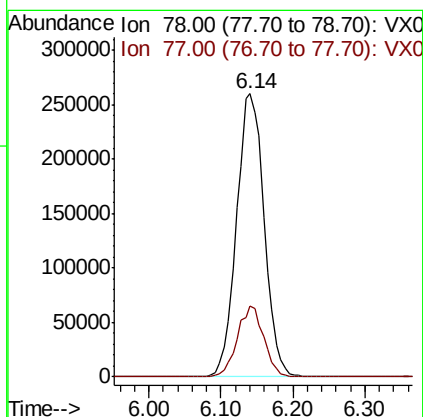
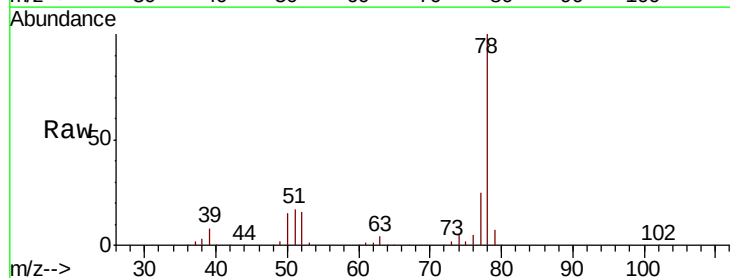
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

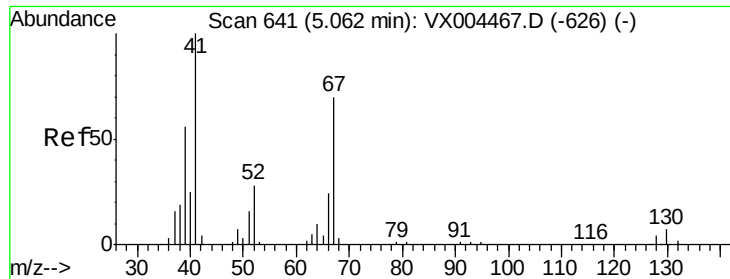
Tot Ion: 83 Resp: 253336
Ion Ratio Lower Upper
83 100
55 76.6 61.0 91.4
98 45.6 39.6 59.4



#40
Benzene
Concen: 51.93 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion: 78 Resp: 691554
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4





#41

Methacrylonitrile

Concen: 47.53 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 133690

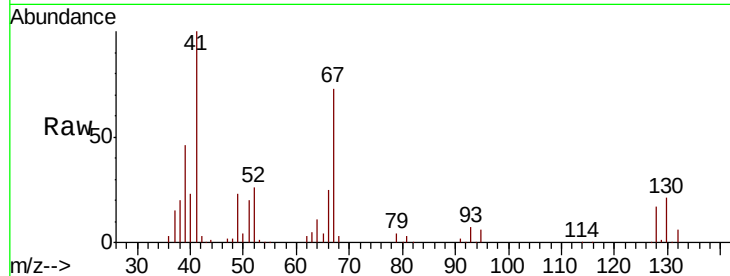
Ion Ratio Lower Upper

41 100

39 50.9 42.4 63.6

67 72.0 59.2 88.8

52 27.2 23.0 34.4

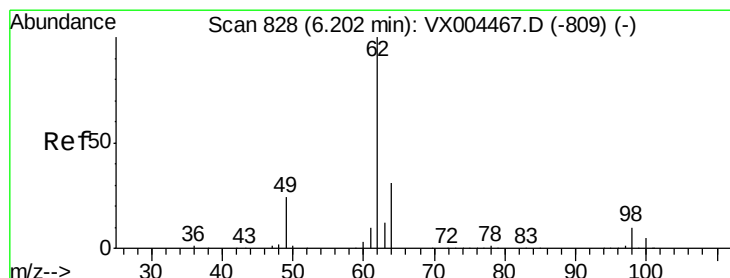
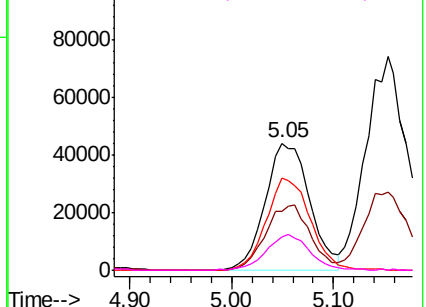
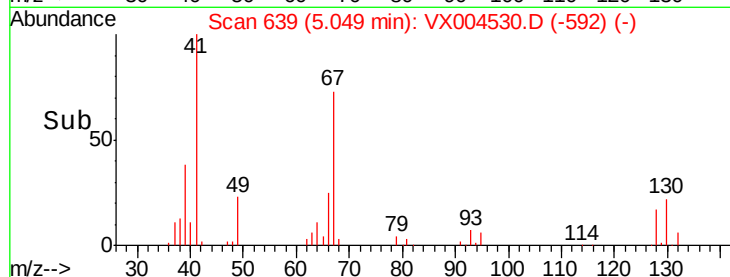


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.72 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004530.D

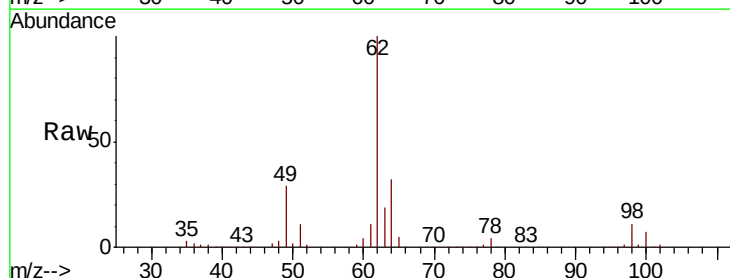
Acq: 14 Sep 2018 10:23

Tgt Ion: 62 Resp: 224015

Ion Ratio Lower Upper

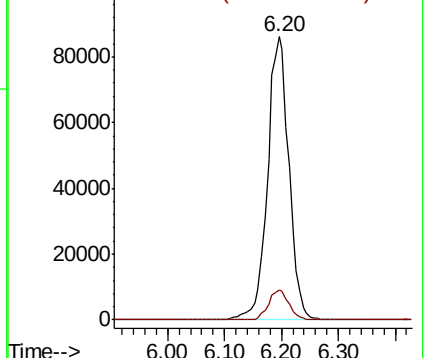
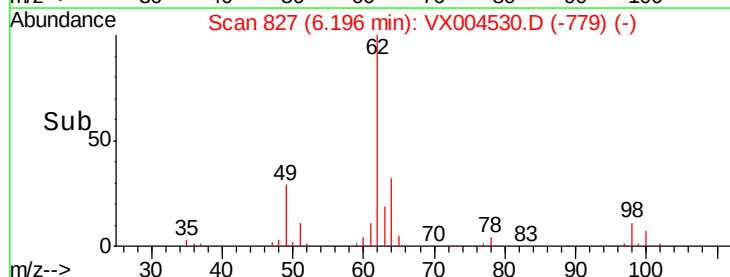
62 100

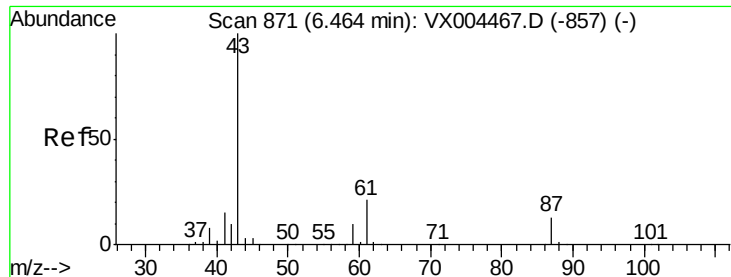
98 10.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.67 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

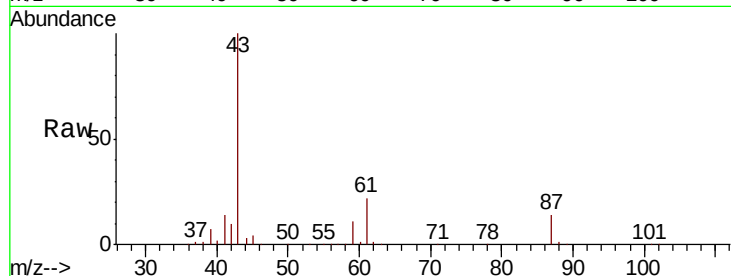
Tot Ion: 43 Resp: 357117

Ion Ratio Lower Upper

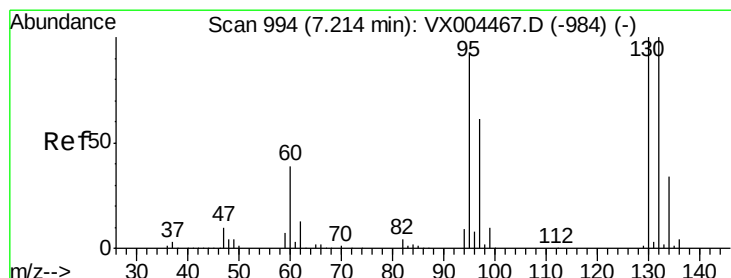
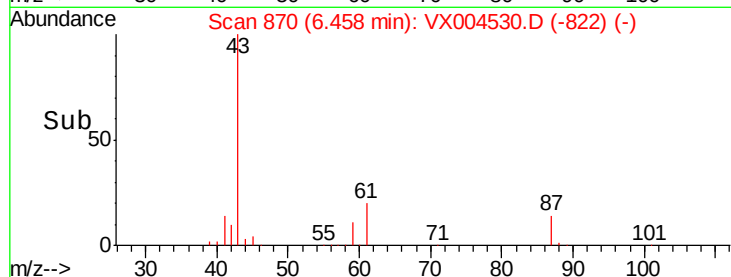
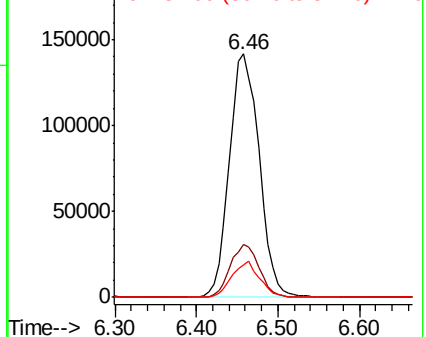
43 100

61 21.2 17.0 25.4

87 13.7 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: 48.22 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004530.D

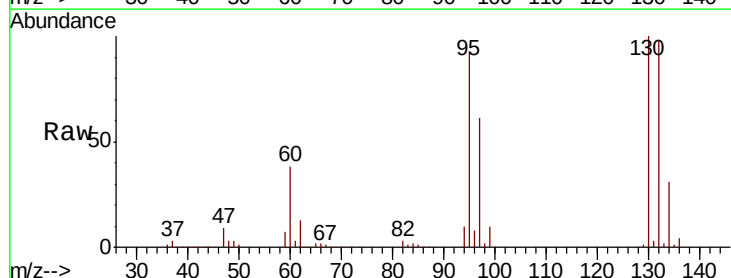
Acq: 14 Sep 2018 10:23

Tgt Ion:130 Resp: 166816

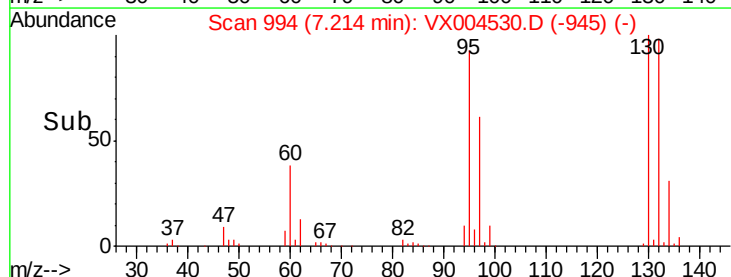
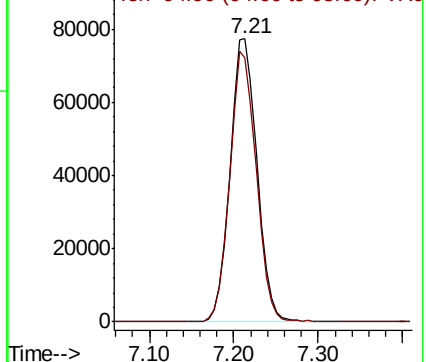
Ion Ratio Lower Upper

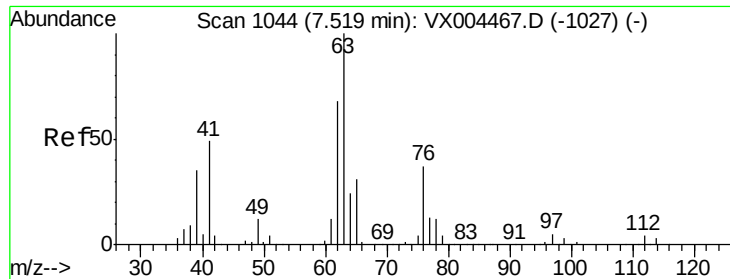
130 100

95 93.5 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: 48.29 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

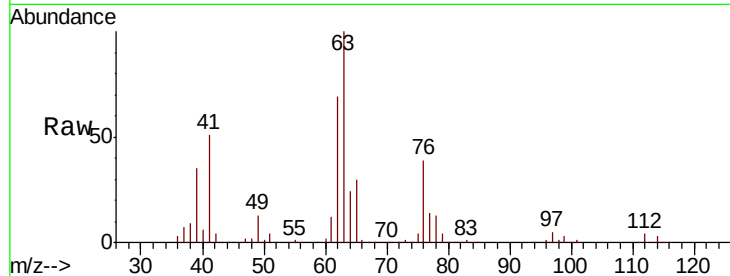
VSTDCCC050

Tot Ion: 63 Resp: 154721

Ion Ratio Lower Upper

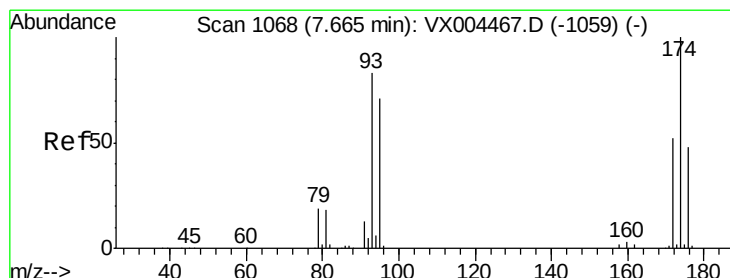
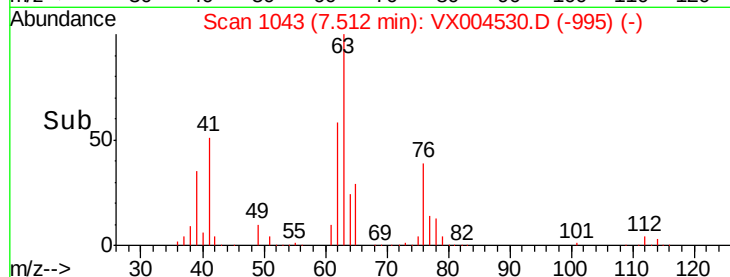
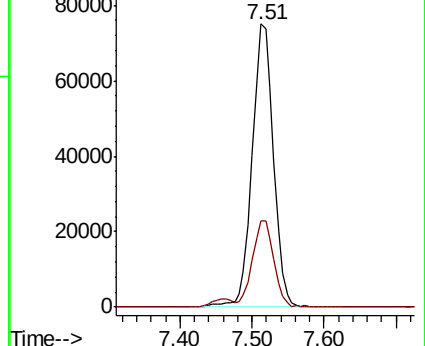
63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.32 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

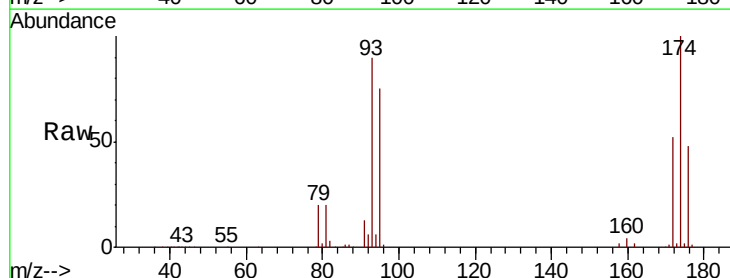
Tgt Ion: 93 Resp: 97819

Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

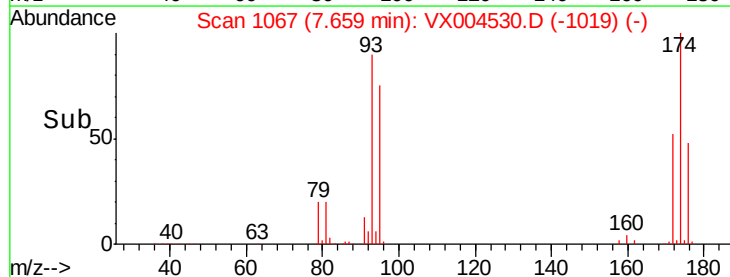
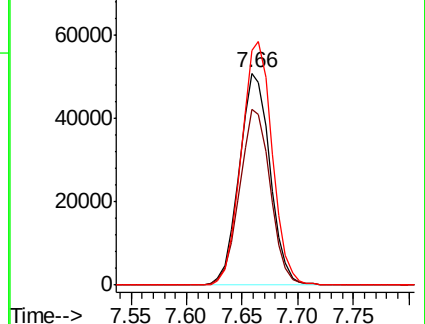
174 115.4 94.2 141.4

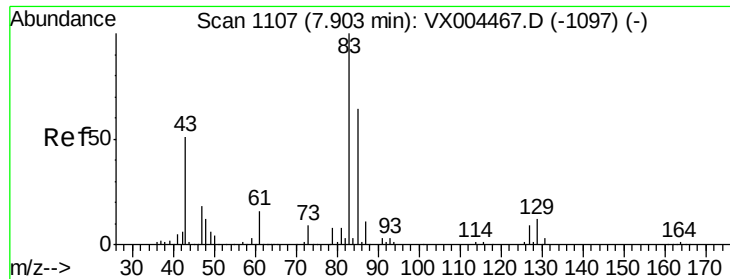


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.78 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

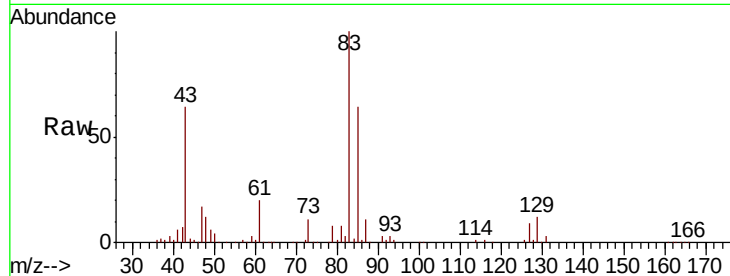
Tot Ion: 83 Resp: 186742

Ion Ratio Lower Upper

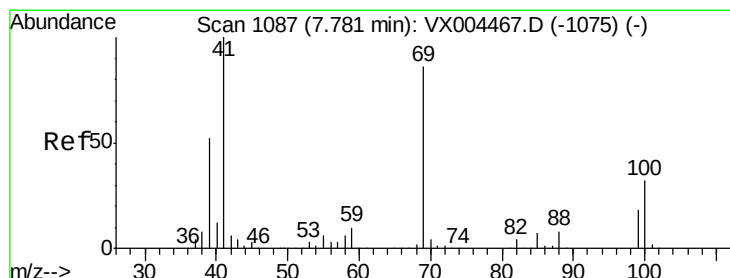
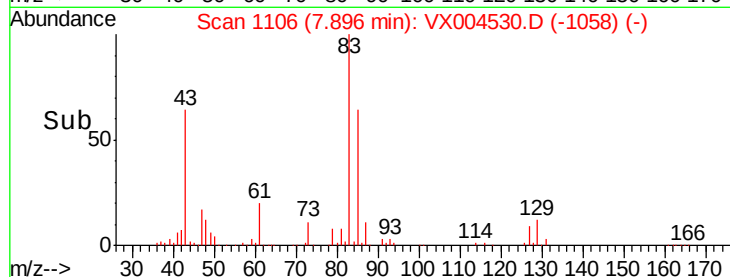
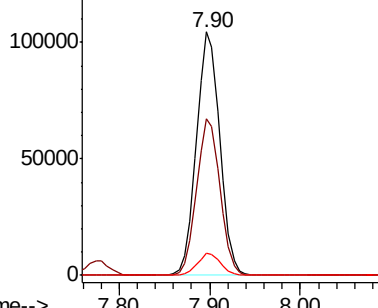
83 100

85 64.2 50.9 76.3

127 9.0 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: 47.83 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

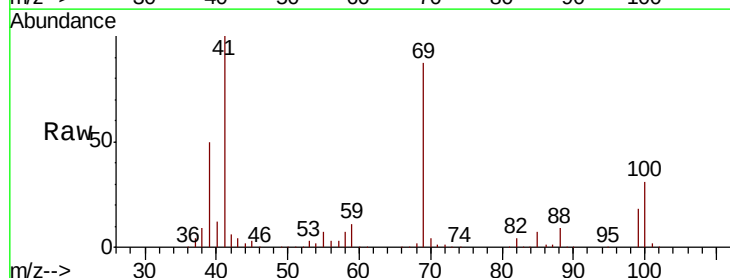
Tgt Ion: 41 Resp: 160486

Ion Ratio Lower Upper

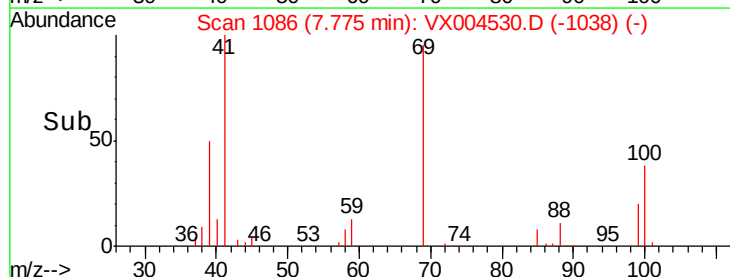
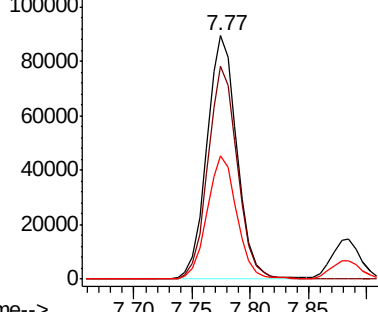
41 100

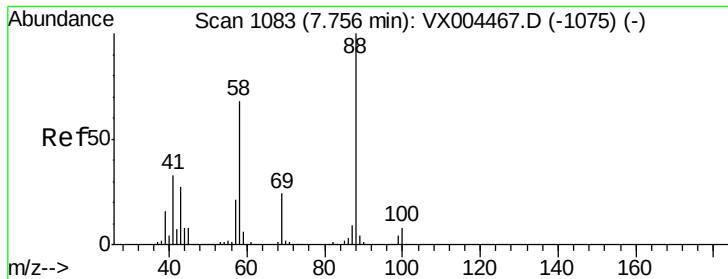
69 86.1 70.2 105.4

39 50.0 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

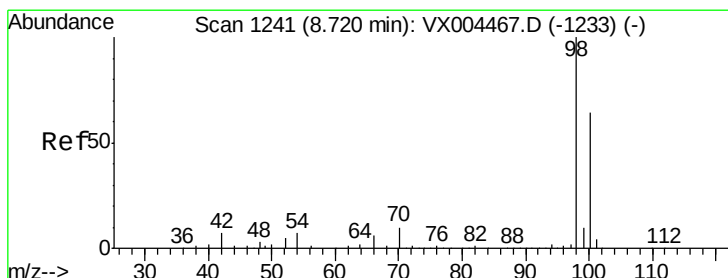
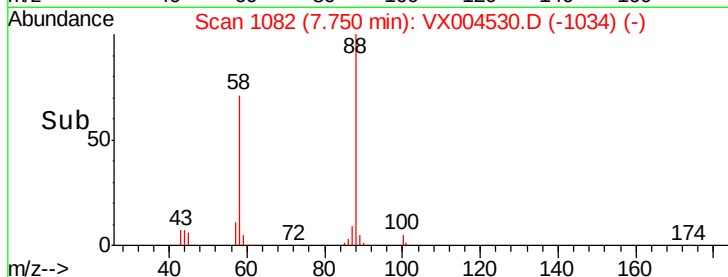
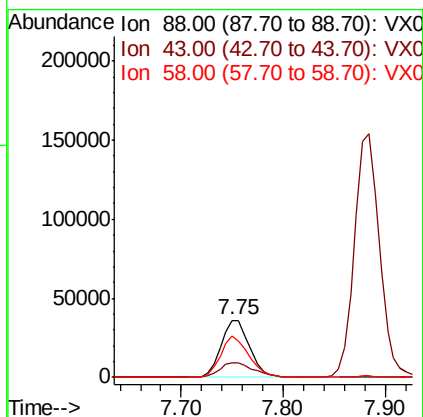
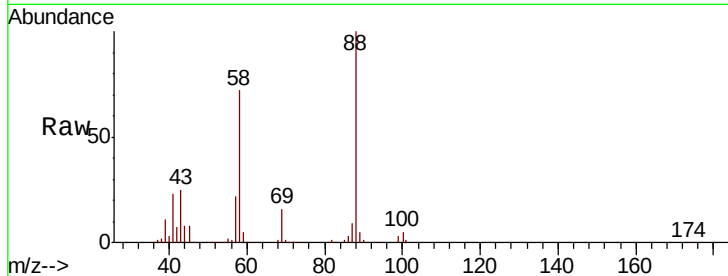




#49
1,4-Dioxane
Concen: 878.05 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

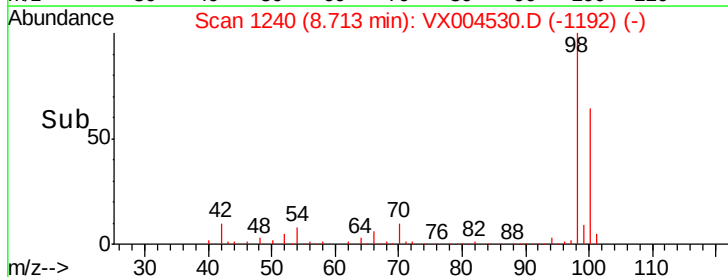
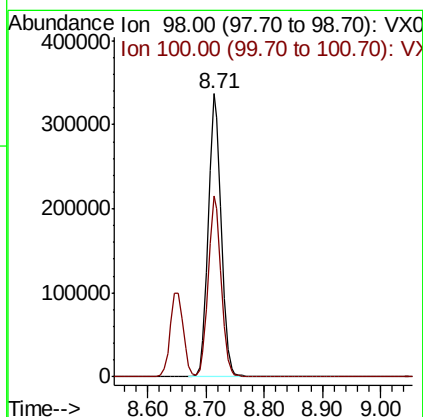
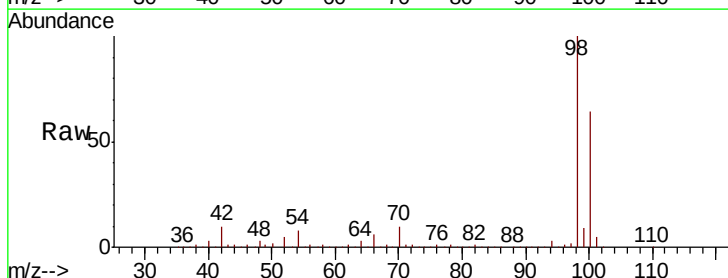
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

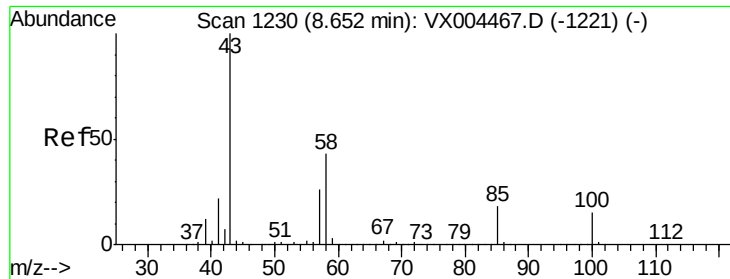
Tot Ion: 88 Resp: 69729
Ion Ratio Lower Upper
88 100
43 30.9 24.7 37.1
58 71.6 55.3 82.9



#50
Toluene-d8
Concen: 46.07 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion: 98 Resp: 522630
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3

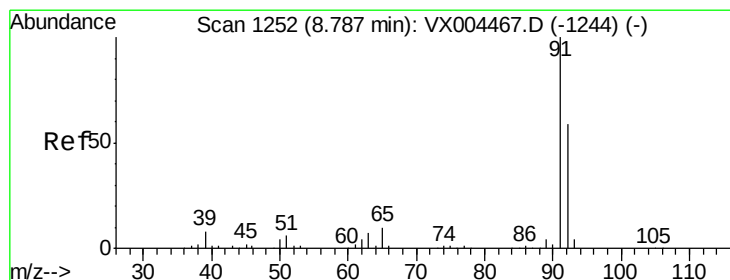
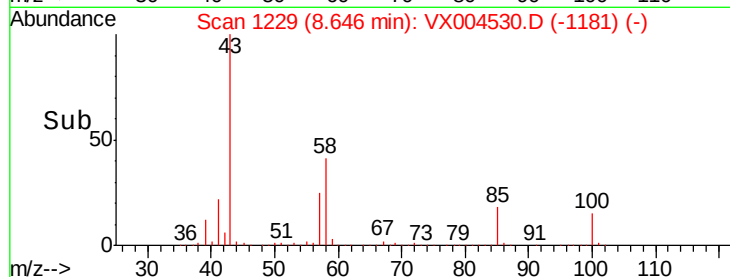
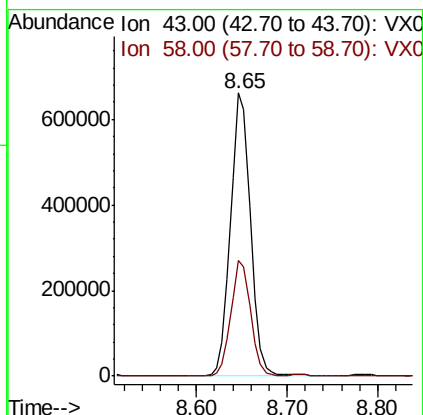
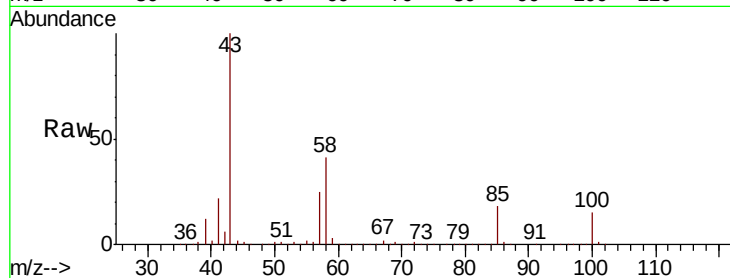




#51
 4-Methyl-2-Pentanone
 Concen: 211.94 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

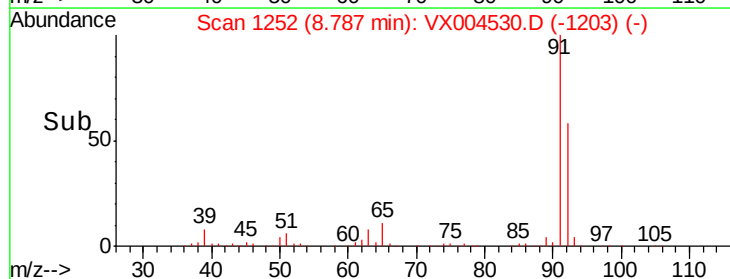
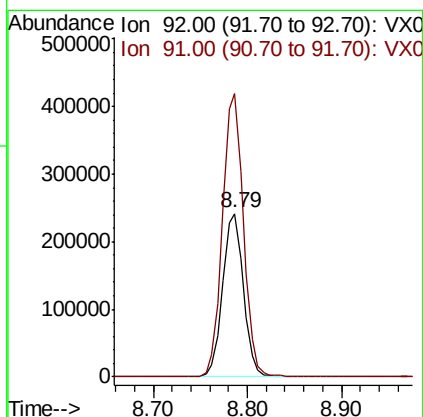
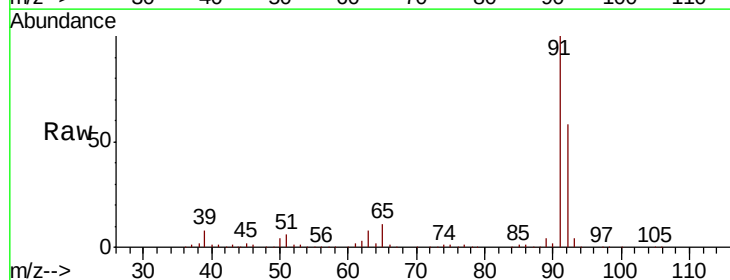
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

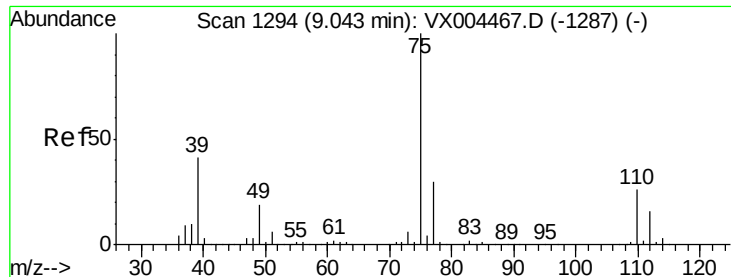
Tot Ion: 43 Resp: 1014026
 Ion Ratio Lower Upper
 43 100
 58 40.4 33.1 49.7



#52
 Toluene
 Concen: 47.20 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion: 92 Resp: 370304
 Ion Ratio Lower Upper
 92 100
 91 174.4 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 50.95 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

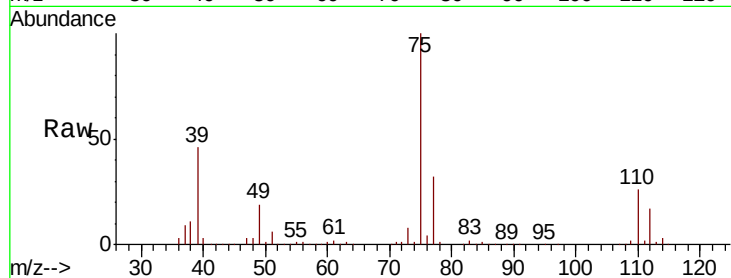
VSTDCCC050

Tot Ion: 75 Resp: 227858

Ion Ratio Lower Upper

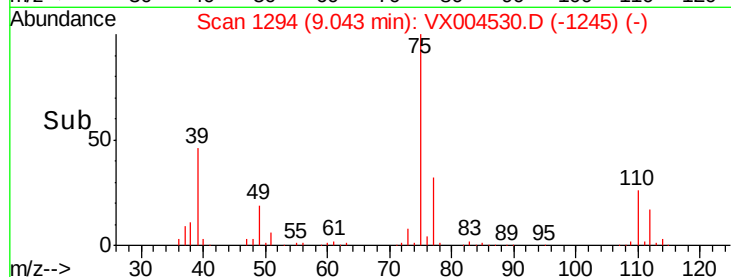
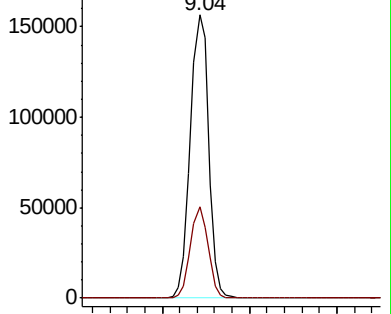
75 100

77 32.3 24.6 37.0

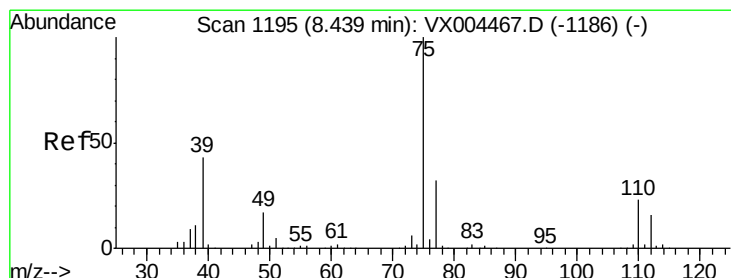


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.33 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

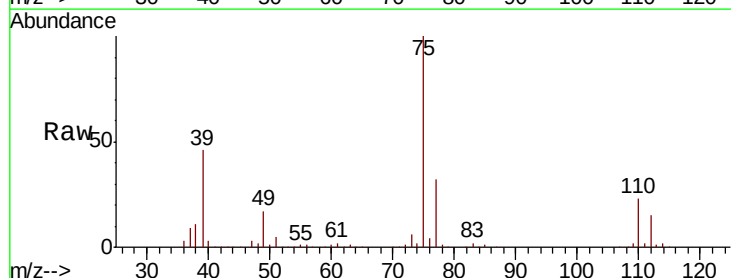
Tgt Ion: 75 Resp: 238539

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

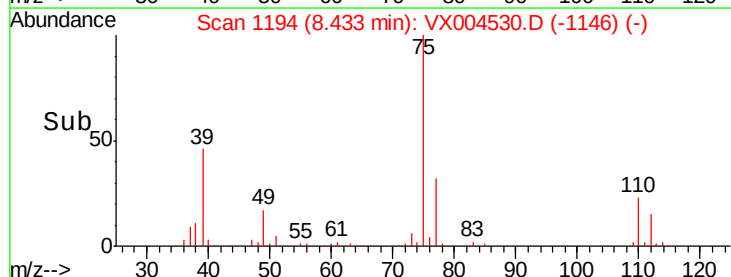
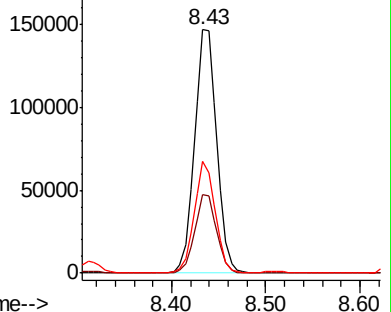
39 45.6 36.4 54.6



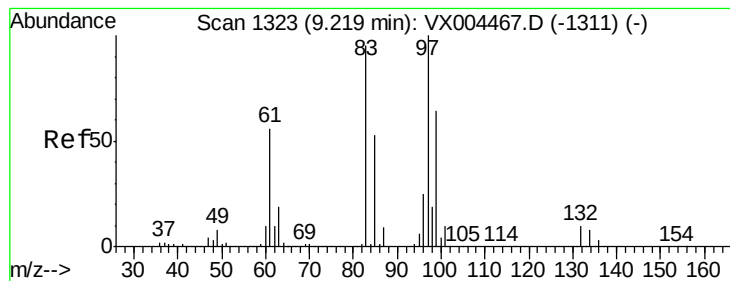
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#55

1,1,2-Trichloroethane

Concen: 48.84 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 165004

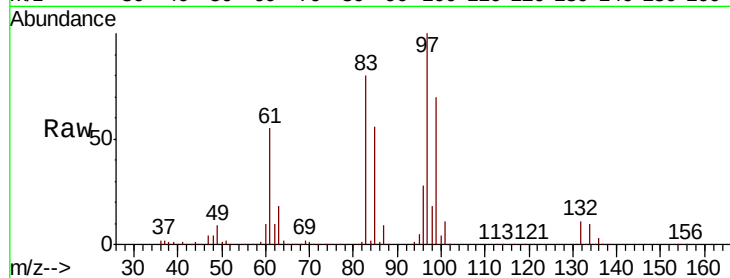
Ion Ratio Lower Upper

97 100

83 80.4 66.4 99.6

85 56.5 43.3 64.9

99 70.0 49.0 73.4

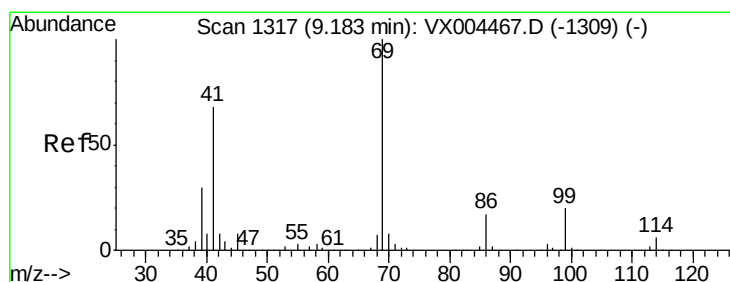
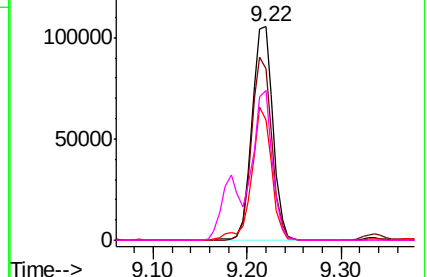
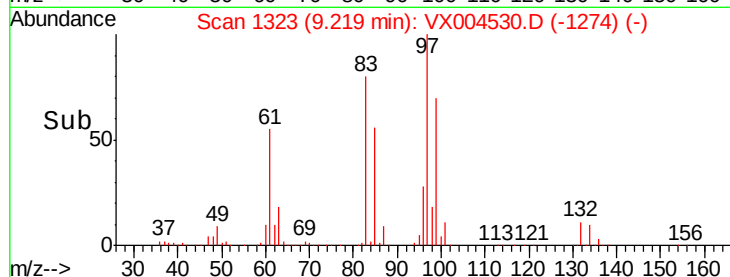


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.04 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

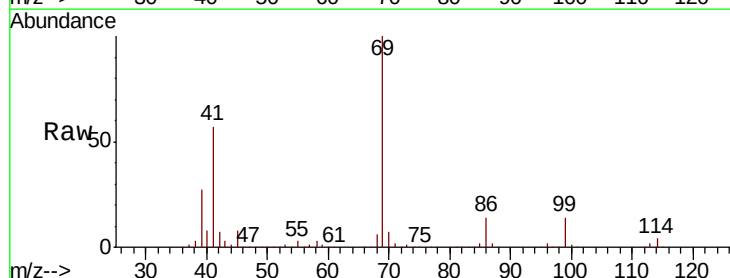
Tgt Ion: 69 Resp: 248678

Ion Ratio Lower Upper

69 100

41 62.8 51.0 76.4

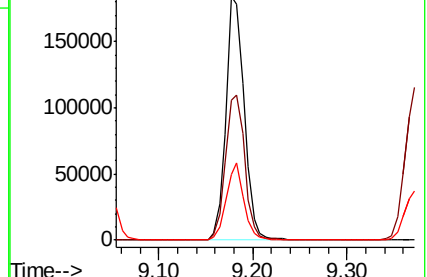
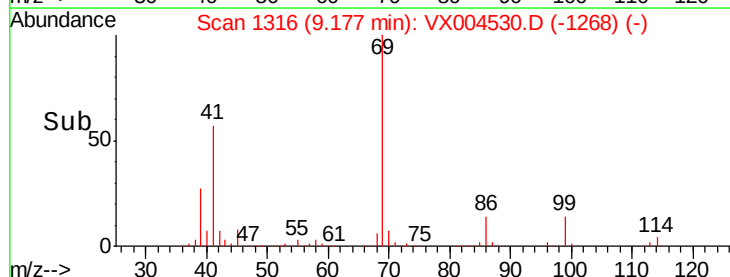
39 30.1 26.1 39.1

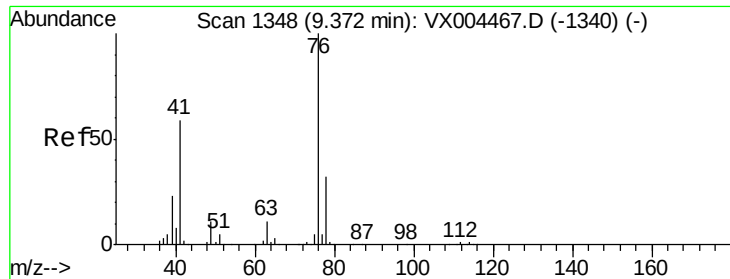


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

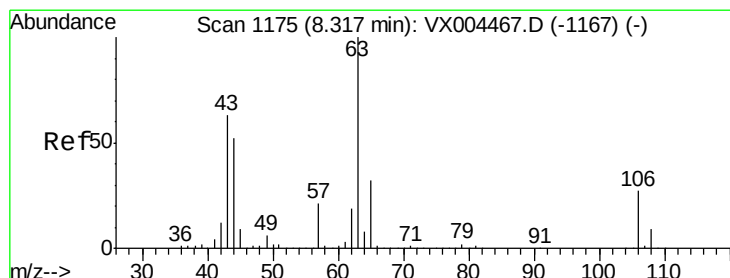
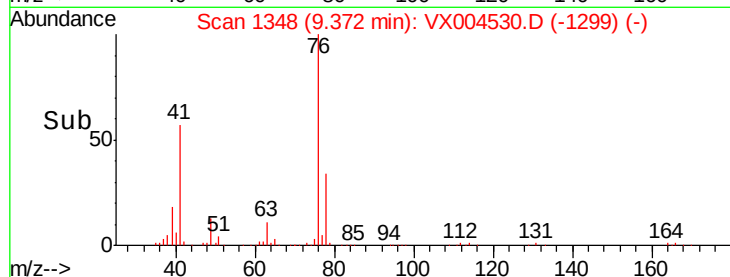
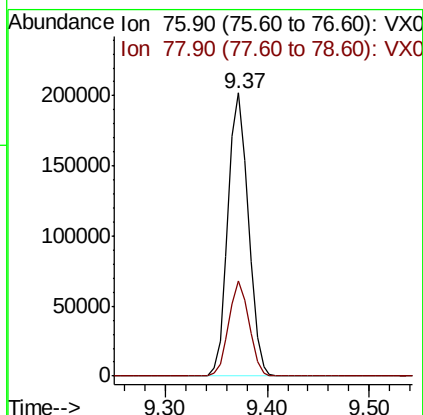
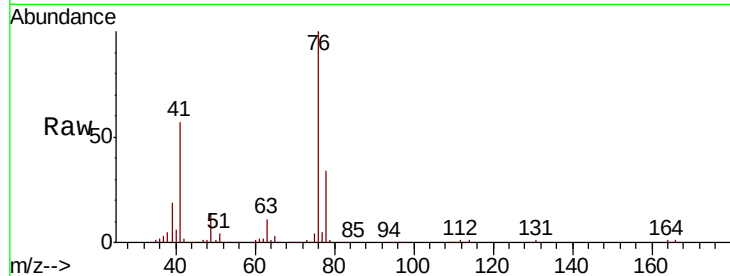




#57
 1,3-Dichloropropane
 Concen: 51.00 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

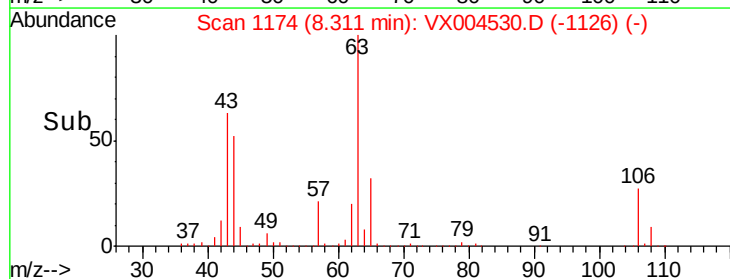
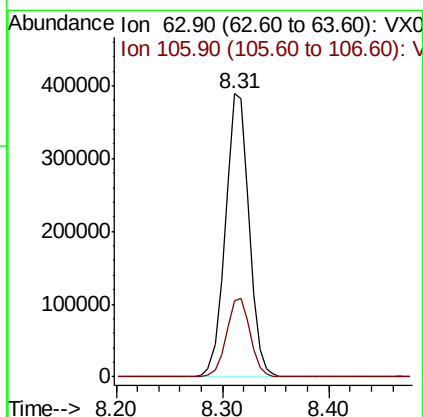
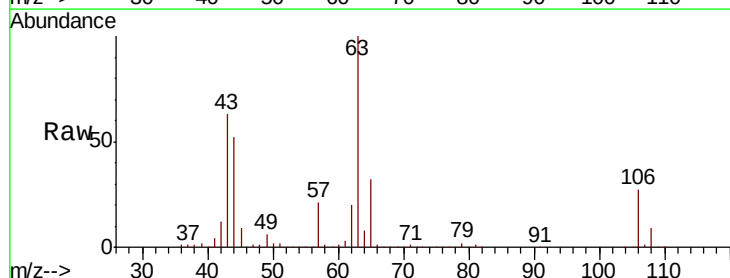
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

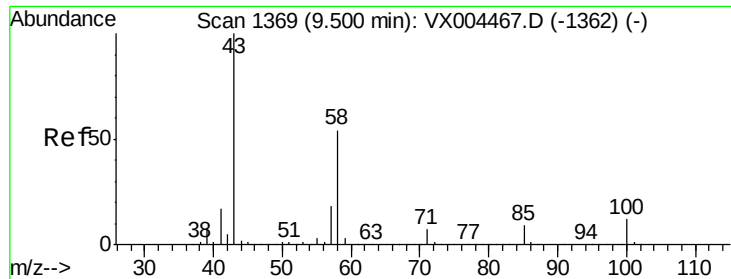
Tot Ion: 76 Resp: 279941
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.77 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion: 63 Resp: 605646
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.9 35.9

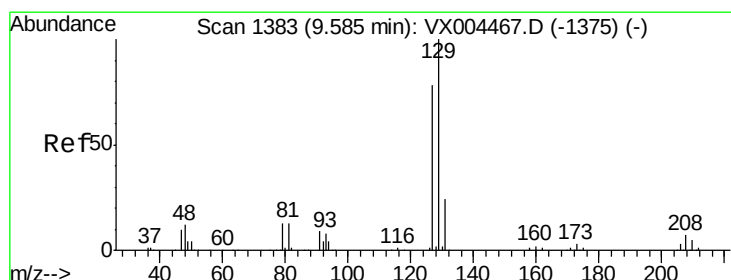
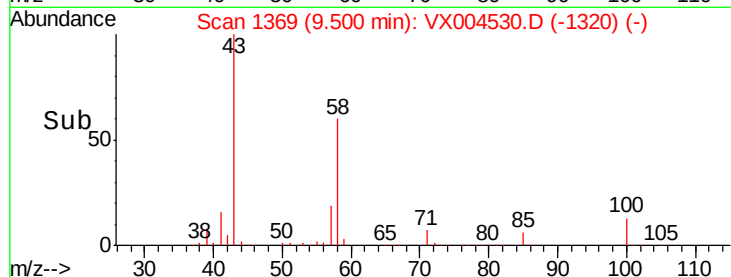
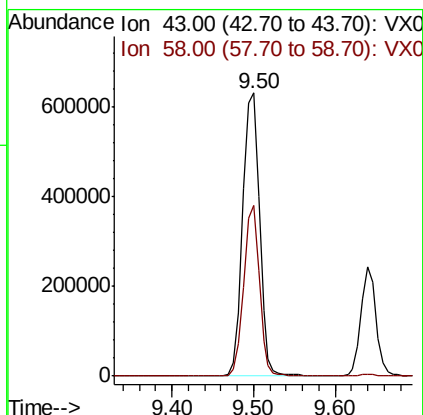
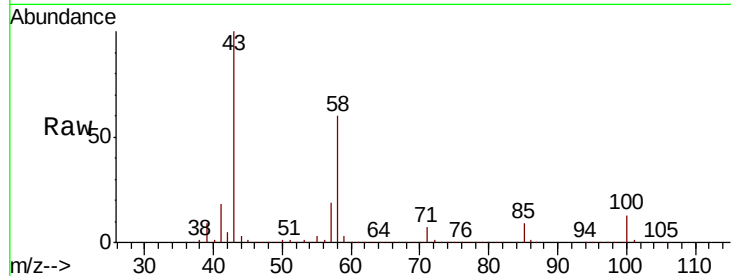




#59
2-Hexanone
Concen: 245.40 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

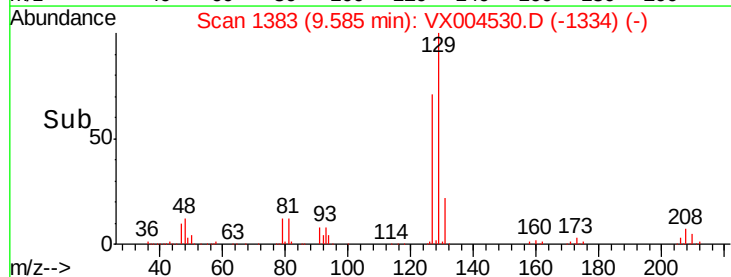
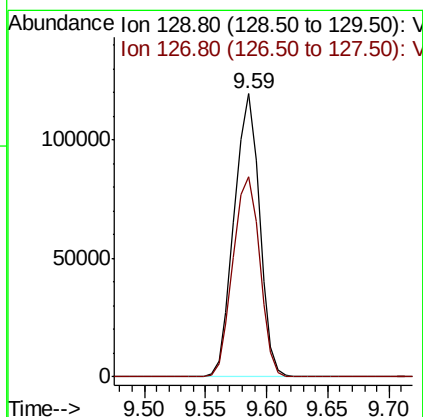
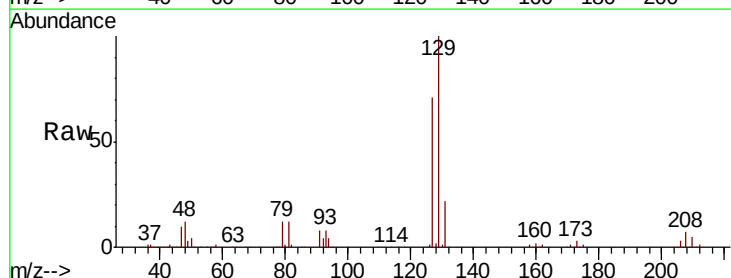
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

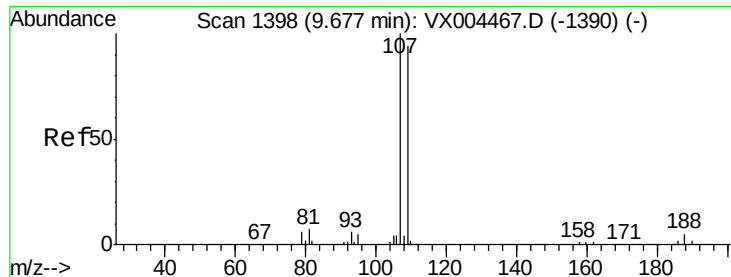
Tot Ion: 43 Resp: 900586
Ion Ratio Lower Upper
43 100
58 56.3 29.0 87.0



#60
Dibromochloromethane
Concen: 53.93 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion:129 Resp: 171513
Ion Ratio Lower Upper
129 100
127 74.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.55 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

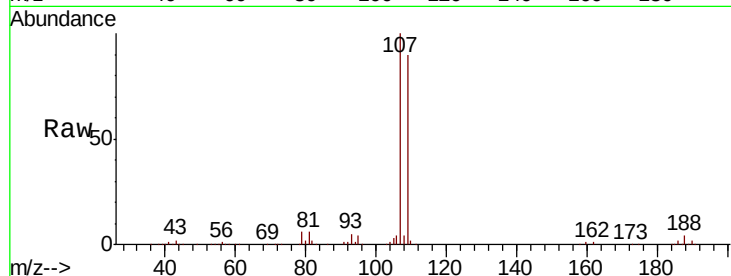
VSTDCCC050

Tot Ion:107 Resp: 166349

Ion Ratio Lower Upper

107 100

109 92.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

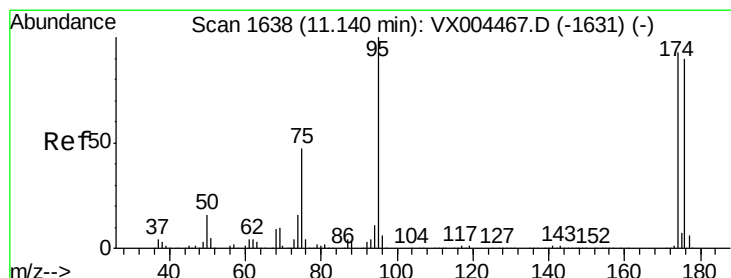
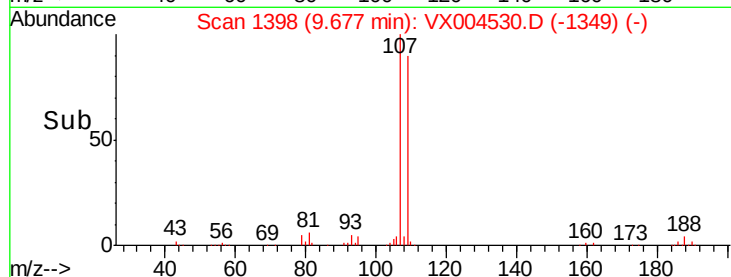
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 47.20 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

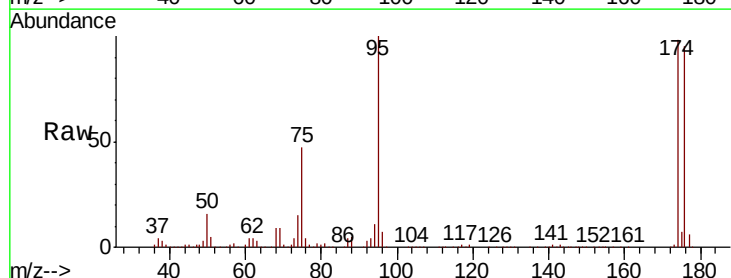
Tgt Ion: 95 Resp: 191154

Ion Ratio Lower Upper

95 100

174 93.4 0.0 185.2

176 90.9 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

200000

150000

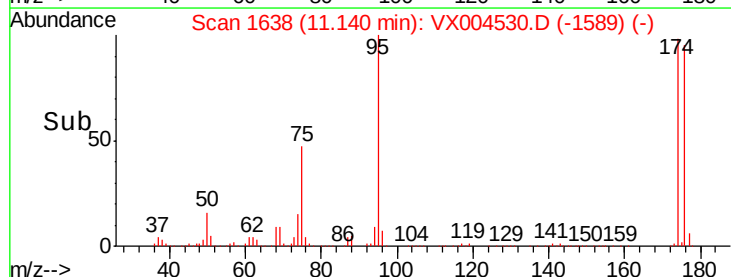
100000

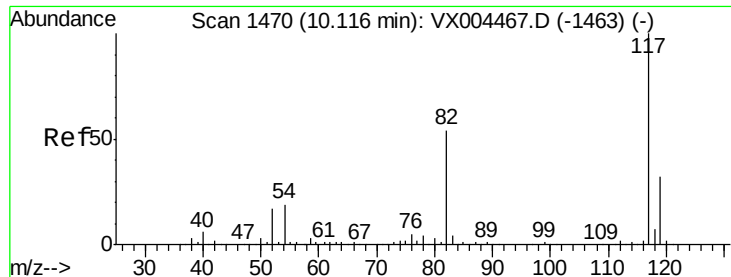
50000

0

Time-->

11.10 11.20

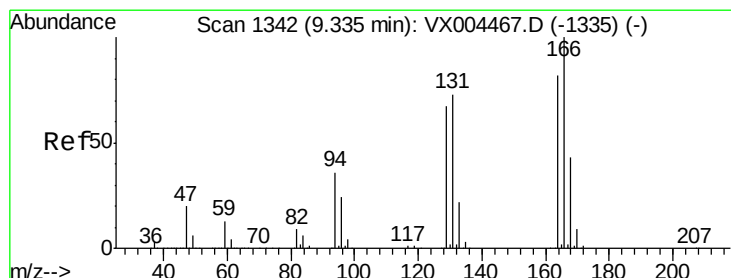
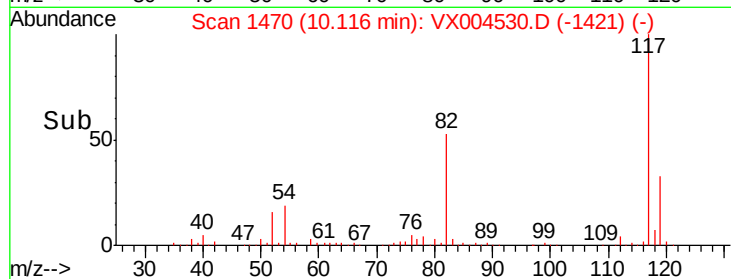
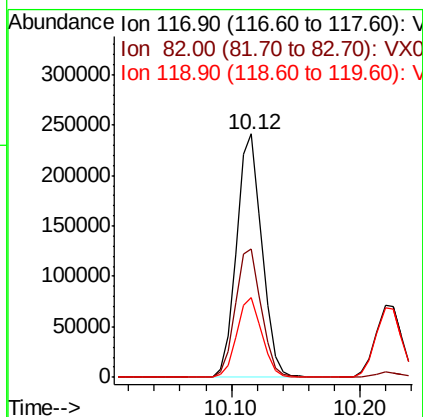
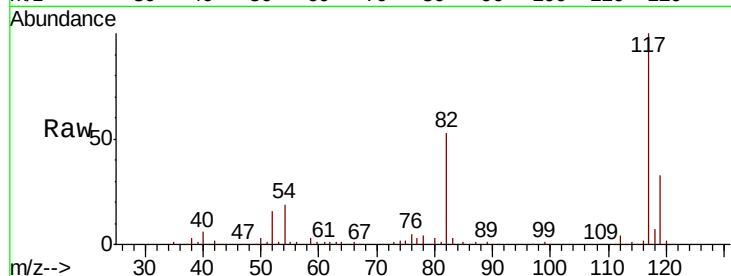




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

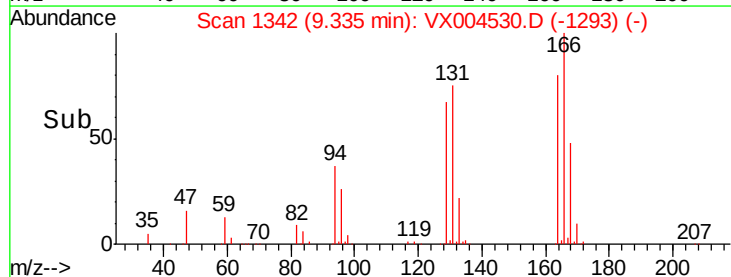
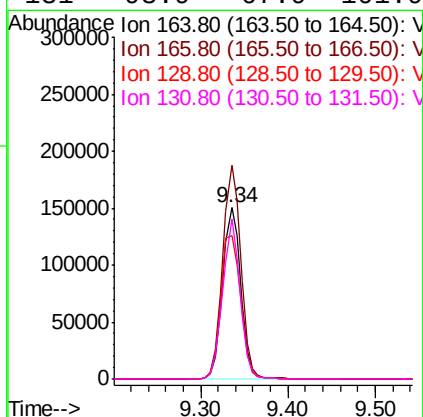
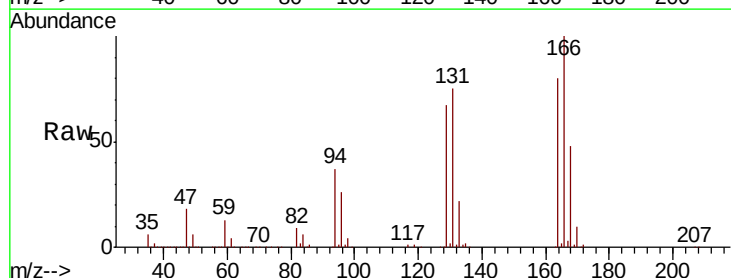
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

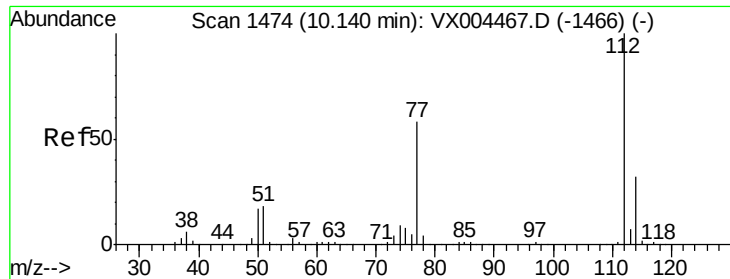
Tot Ion:117 Resp: 329773
Ion Ratio Lower Upper
117 100
82 52.9 47.8 71.6
119 32.7 29.3 43.9



#64
Tetrachloroethene
Concen: 52.20 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion:164 Resp: 214943
Ion Ratio Lower Upper
164 100
166 124.9 102.8 154.2
129 84.2 69.4 104.0
131 93.9 67.9 101.9

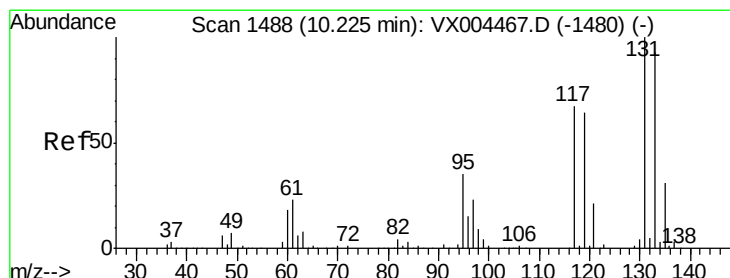
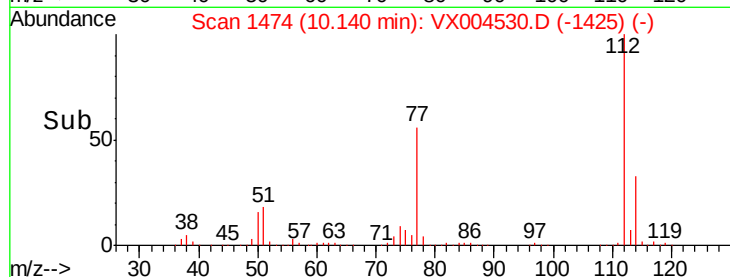
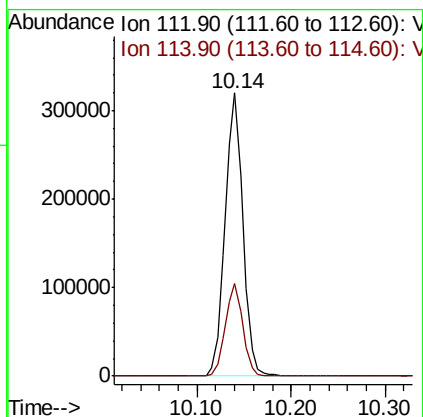
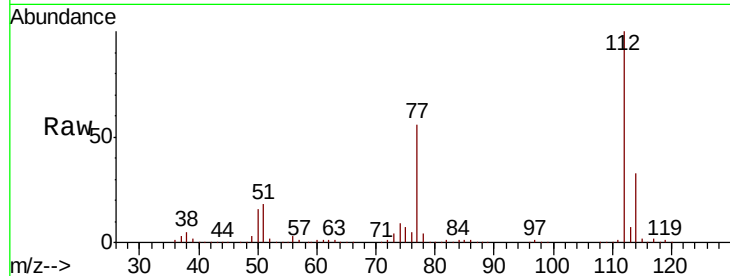




#65
Chlorobenzene
Concen: 51.10 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

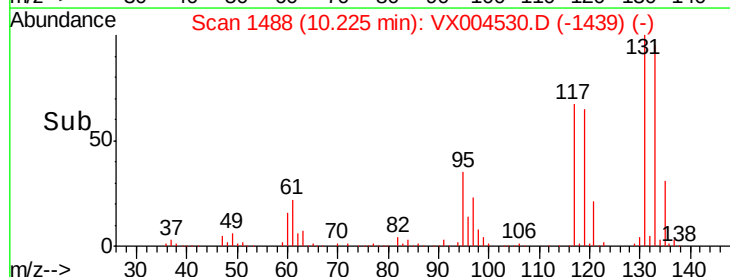
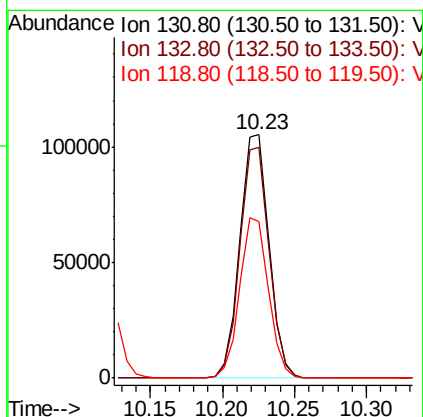
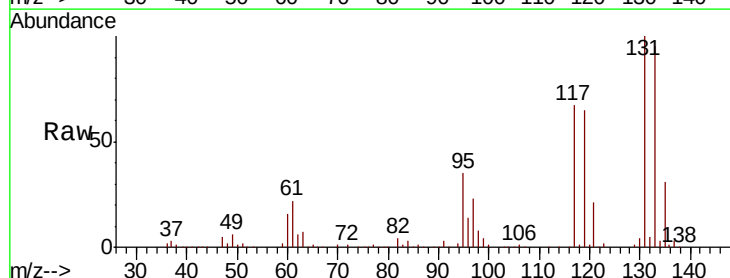
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

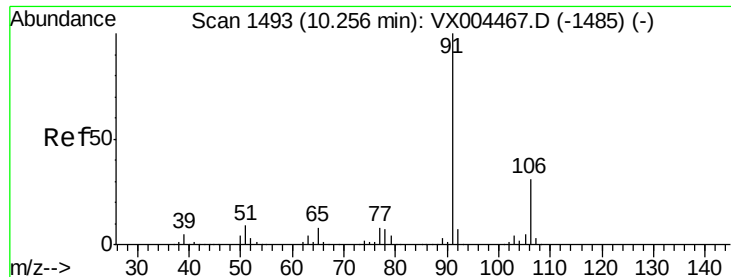
Tot Ion:112 Resp: 418543
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.47 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion:131 Resp: 148223
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.4
119 65.2 32.9 98.6

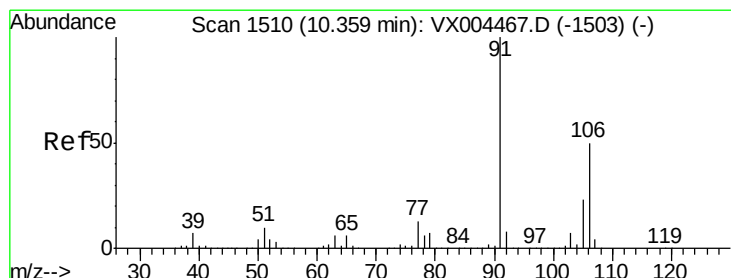
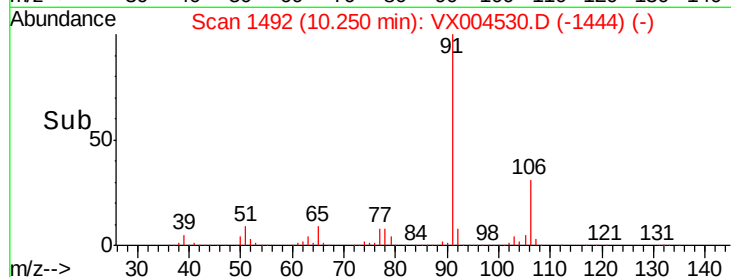
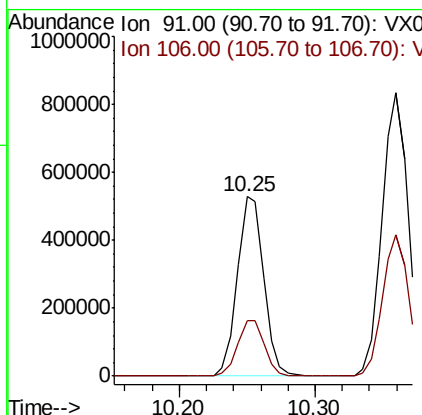
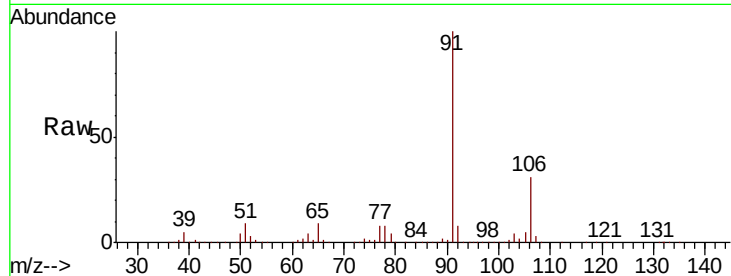




#67
Ethyl Benzene
Concen: 53.86 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

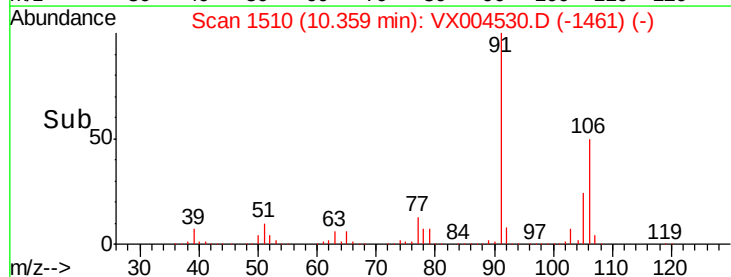
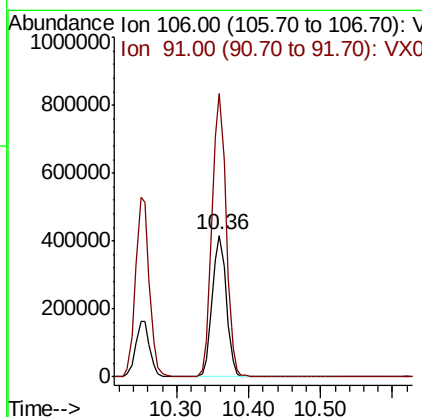
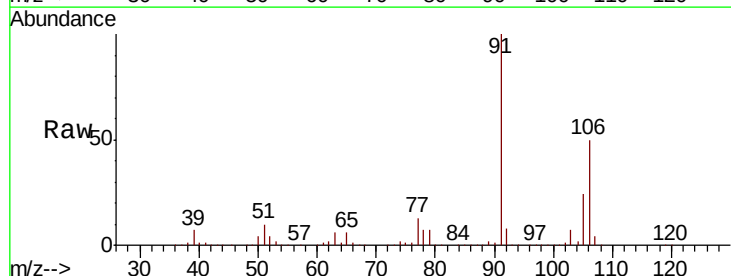
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

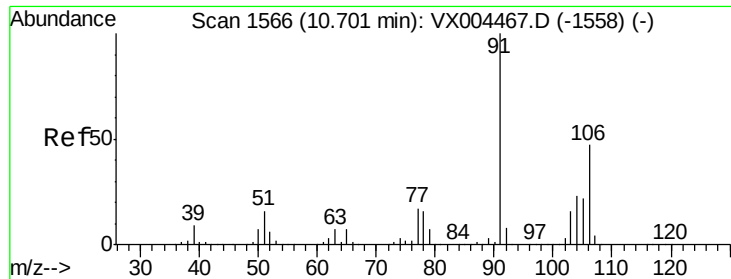
Tot Ion: 91 Resp: 717407
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9



#68
m/p-Xylenes
Concen: 109.51 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion: 106 Resp: 561849
Ion Ratio Lower Upper
106 100
91 200.7 157.1 235.7

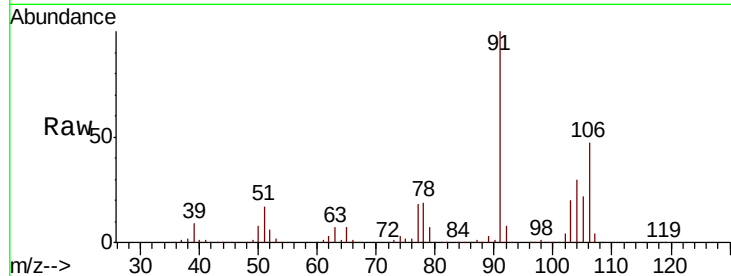




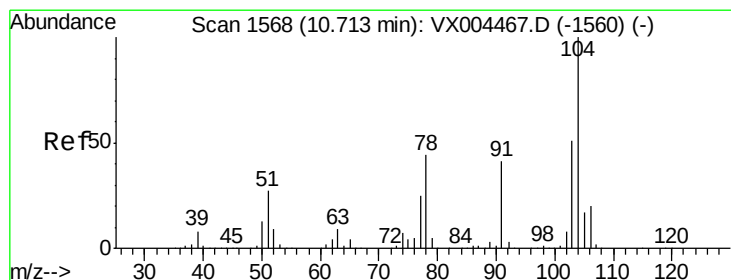
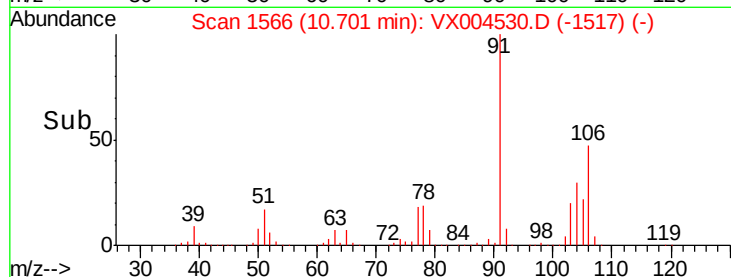
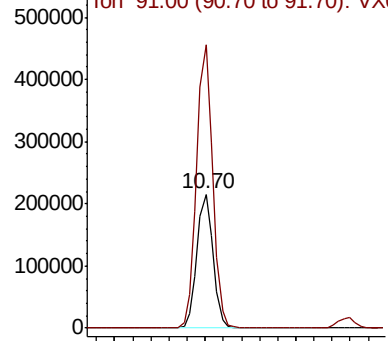
#69
o-Xylene
Concen: 54.67 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 269645
Ion Ratio Lower Upper
106 100
91 210.4 105.1 315.1

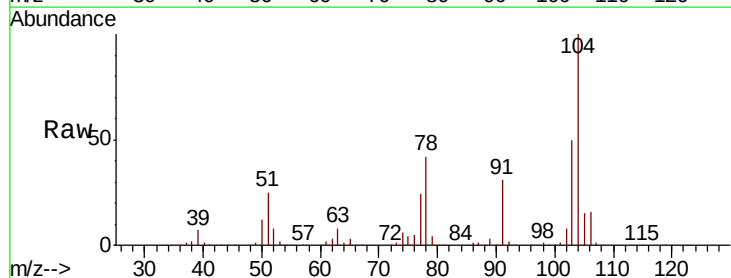


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

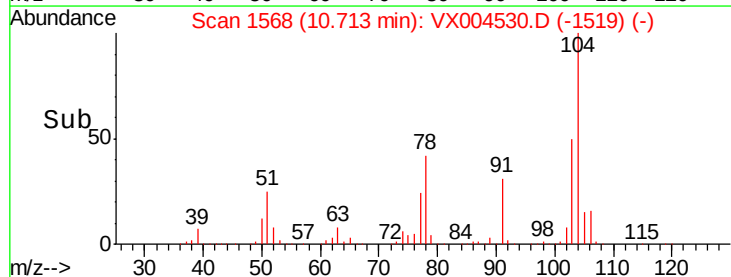
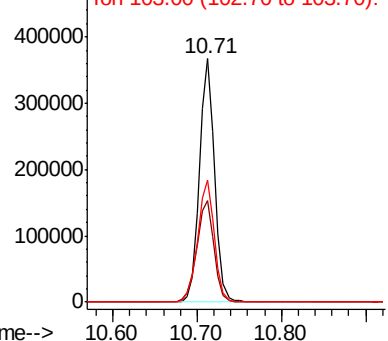


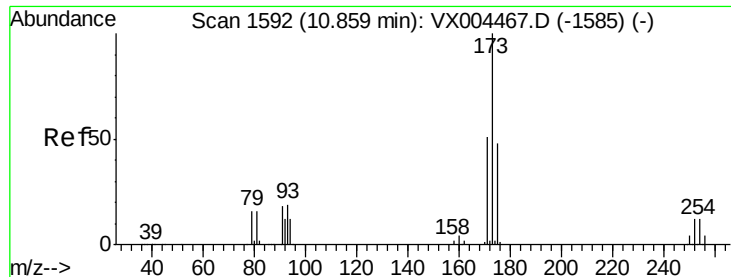
#70
Styrene
Concen: 55.90 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion:104 Resp: 456832
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.0
103 55.1 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

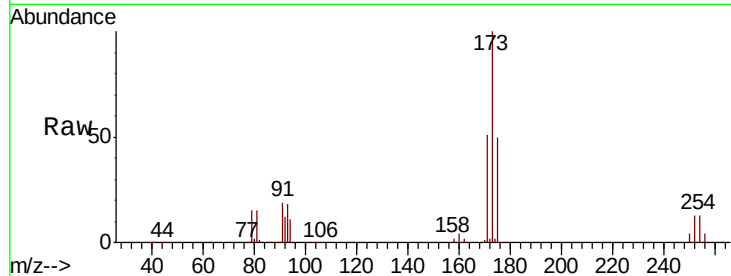




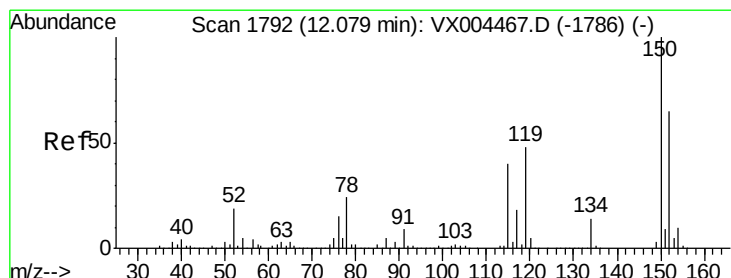
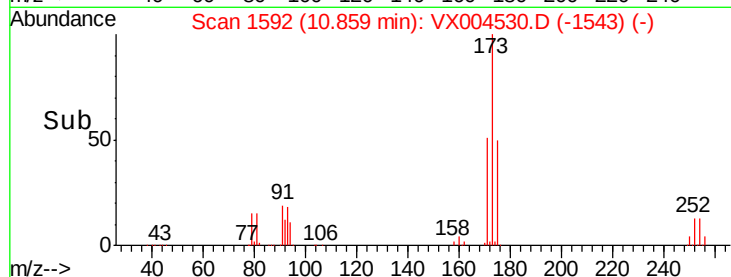
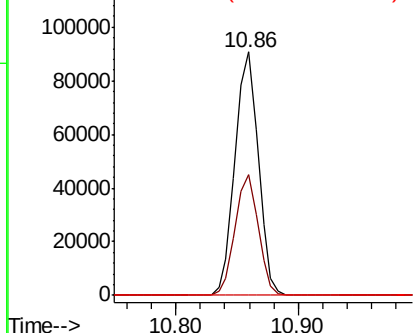
#71
Bromoform
Concen: 51.47 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 119372
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.3
254 0.1 0.2 0.2#

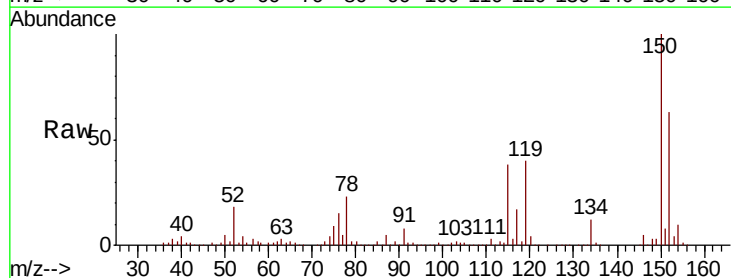


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

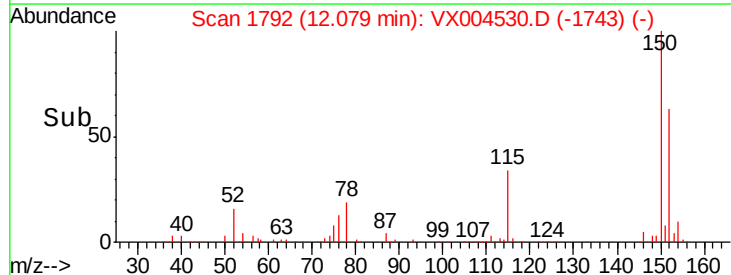
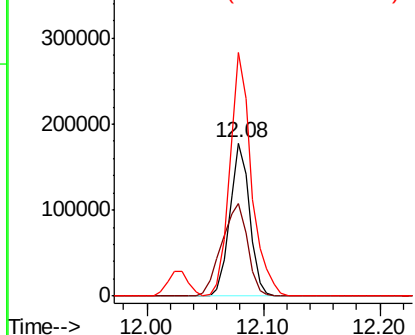


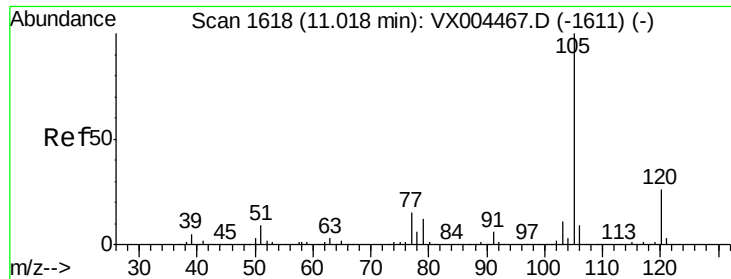
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion:152 Resp: 208356
Ion Ratio Lower Upper
152 100
115 79.2 39.0 117.0
150 175.3 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: 53.30 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

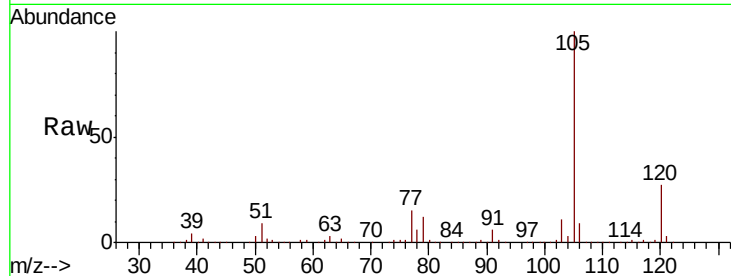
VSTDCCC050

Tot Ion:105 Resp: 731436

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

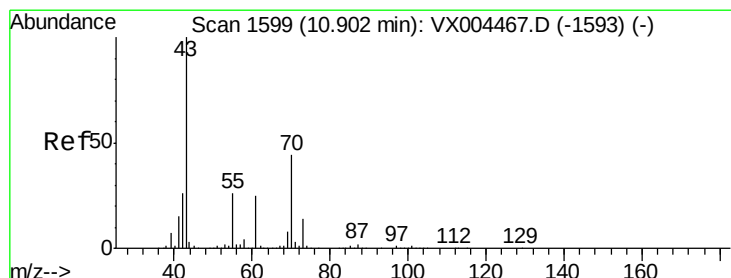
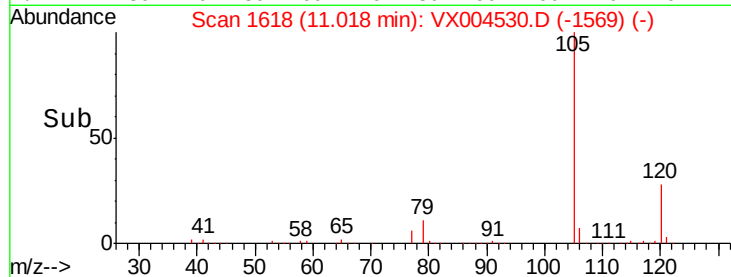
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.05 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Tgt Ion: 43 Resp: 283326

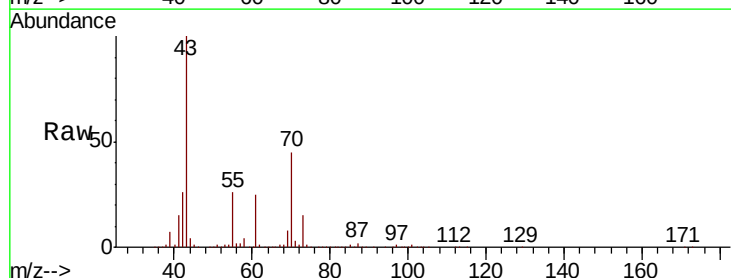
Ion Ratio Lower Upper

43 100

70 44.0 37.4 56.0

55 26.3 21.8 32.8

61 24.8 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

10.90

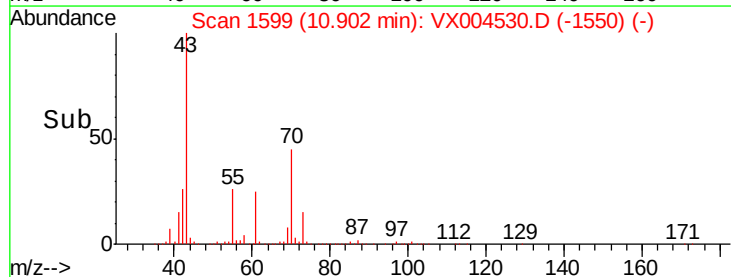
300000

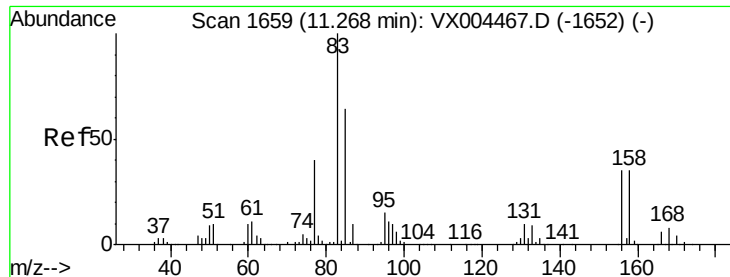
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.99 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

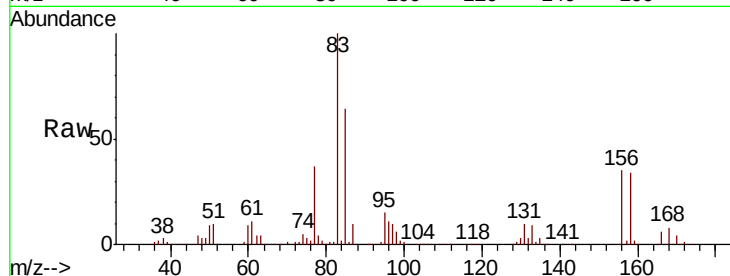
Tot Ion: 83 Resp: 207988

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

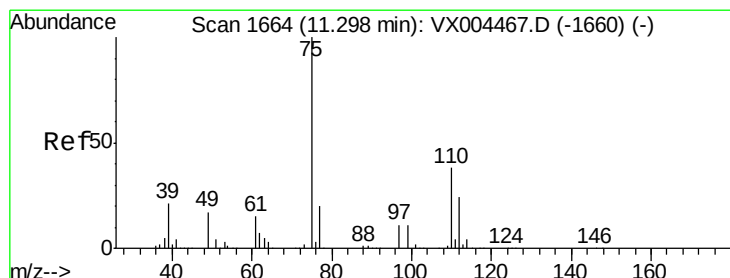
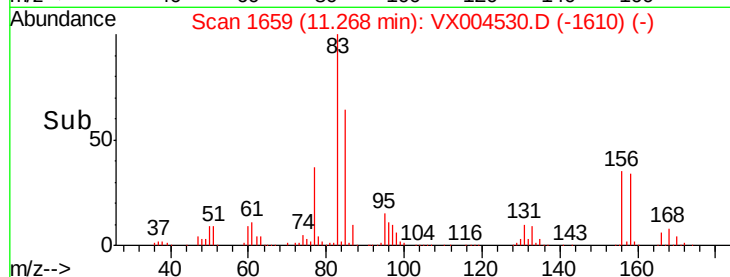
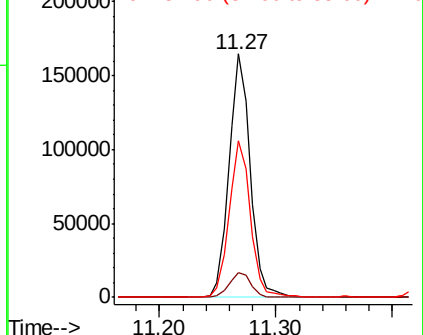
85 64.6 32.3 96.8



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: 61.47 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004530.D

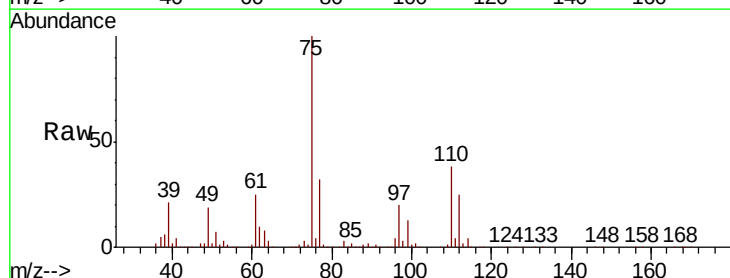
Acq: 14 Sep 2018 10:23

Tgt Ion: 75 Resp: 257680

Ion Ratio Lower Upper

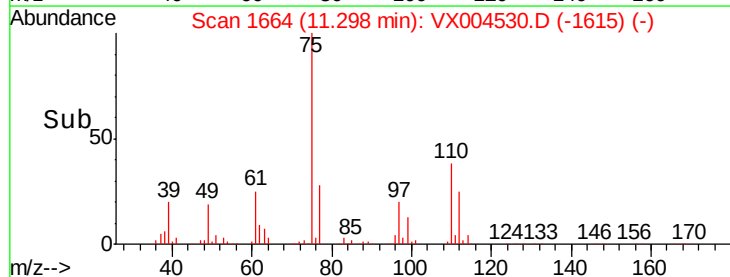
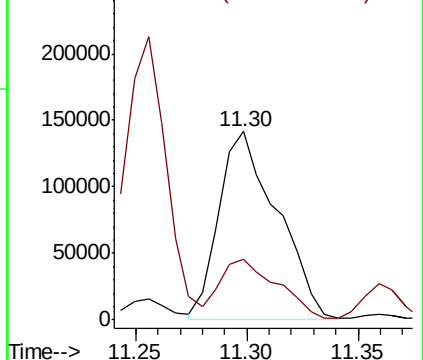
75 100

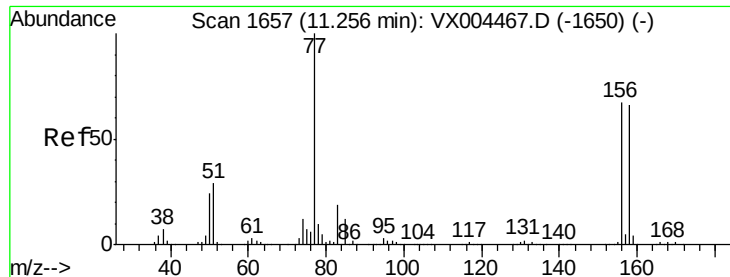
77 32.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.73 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

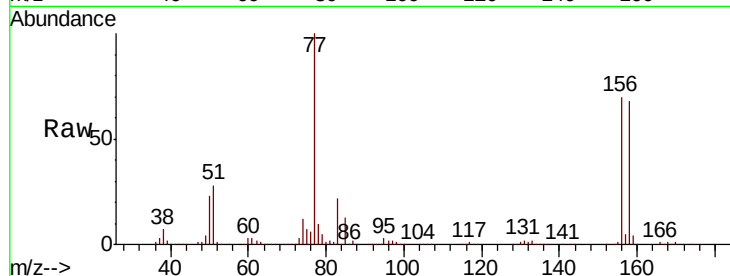
Tot Ion:156 Resp: 192401

Ion Ratio Lower Upper

156 100

77 144.5 71.5 214.3

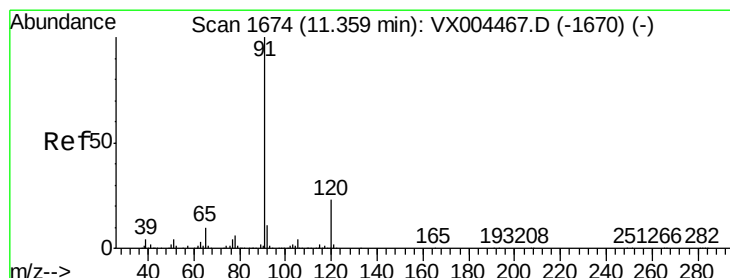
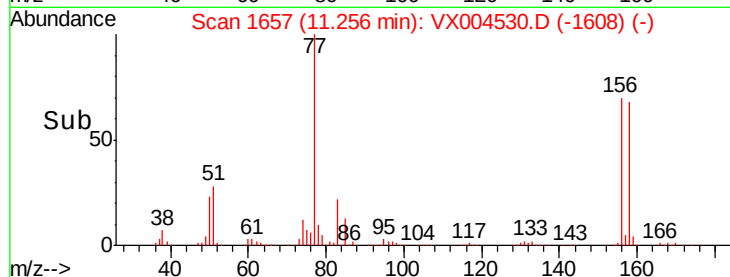
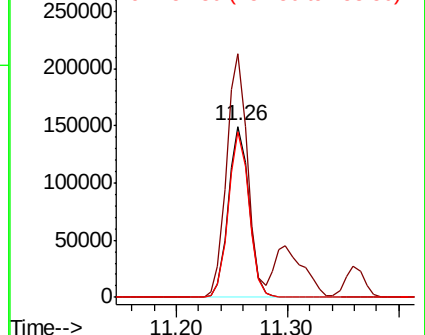
158 96.7 48.9 146.8



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: 54.21 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004530.D

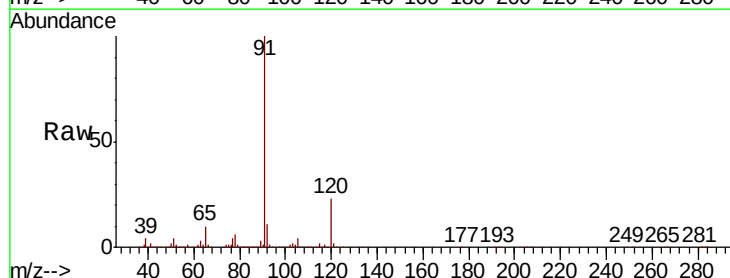
Acq: 14 Sep 2018 10:23

Tgt Ion: 91 Resp: 855372

Ion Ratio Lower Upper

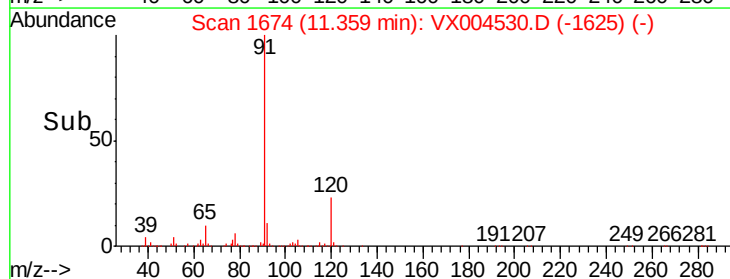
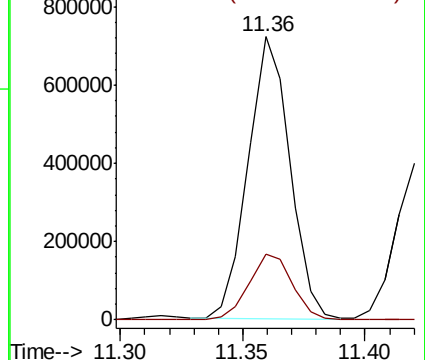
91 100

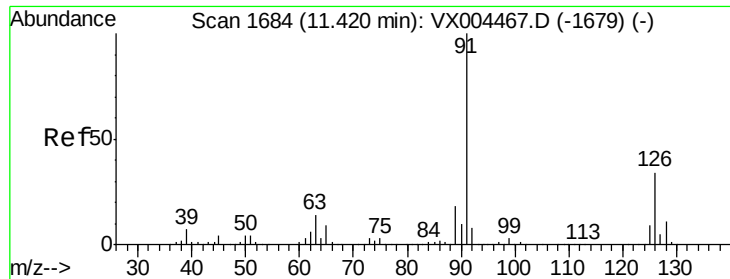
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

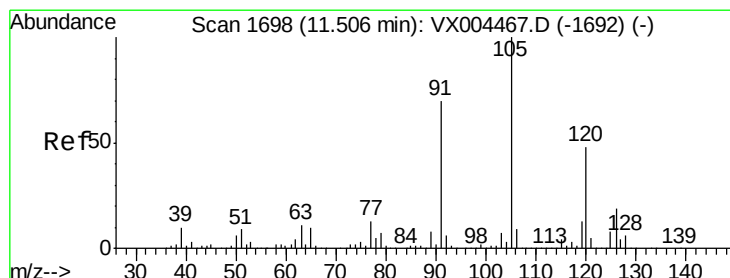
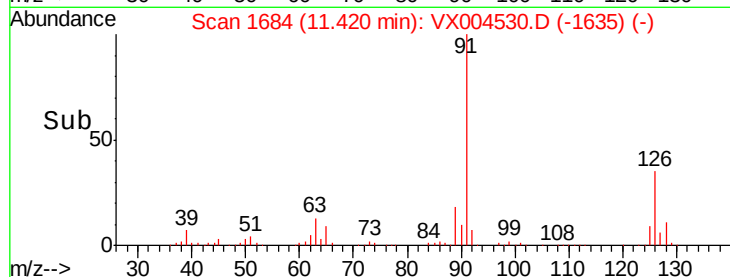
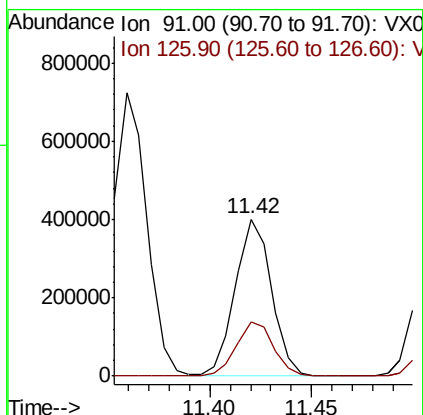
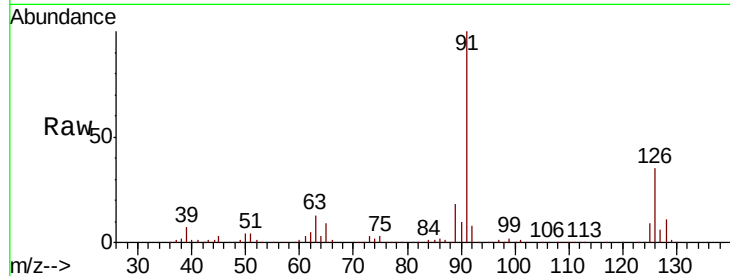




#79
 2-Chlorotoluene
 Concen: 51.49 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

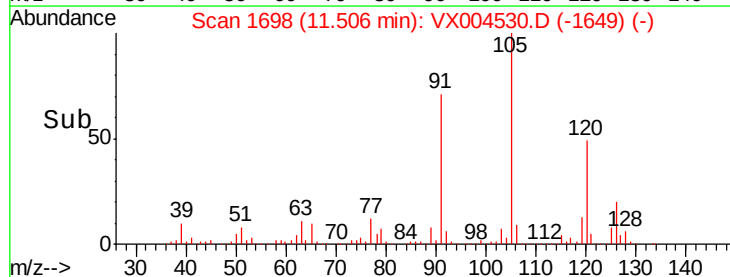
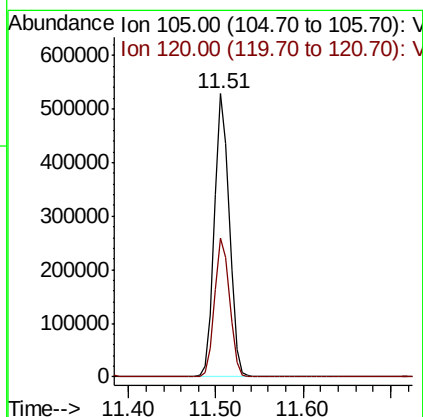
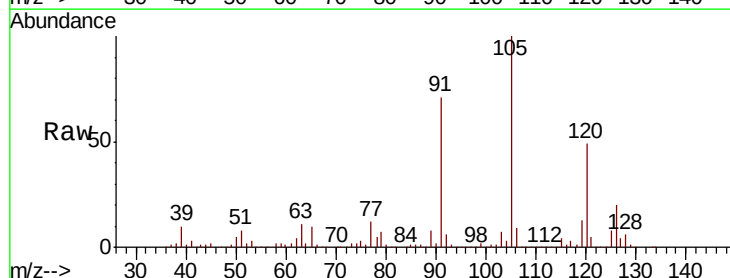
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

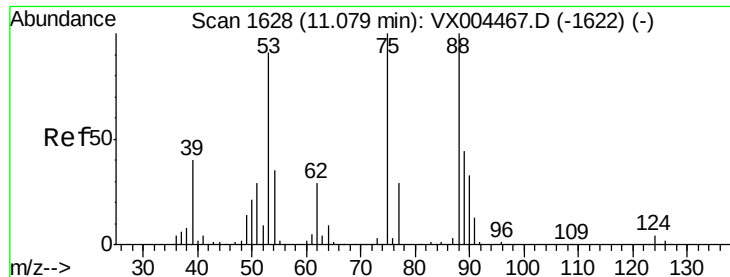
Tot Ion: 91 Resp: 492740
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.10 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion: 105 Resp: 624024
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.73 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

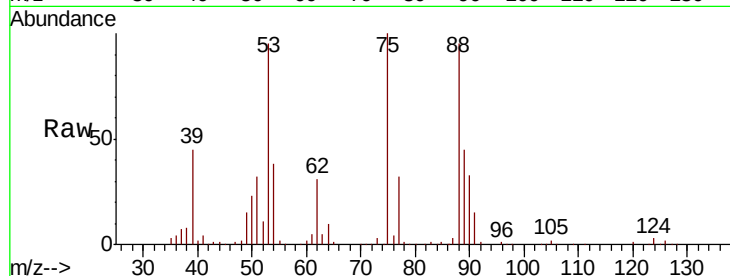
Tot Ion: 75 Resp: 69348

Ion Ratio Lower Upper

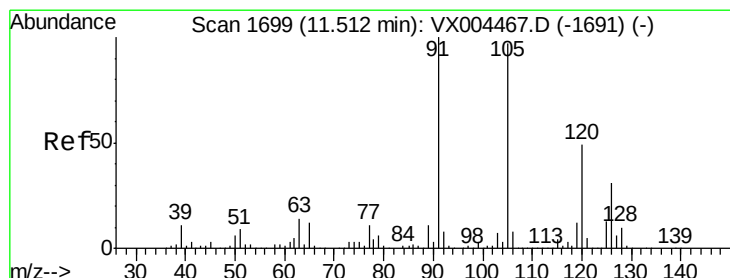
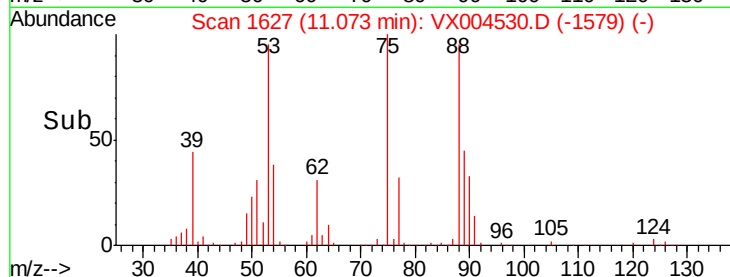
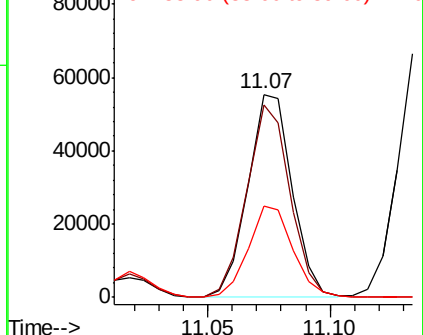
75 100

53 93.5 80.1 120.1

89 45.6 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: 52.40 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004530.D

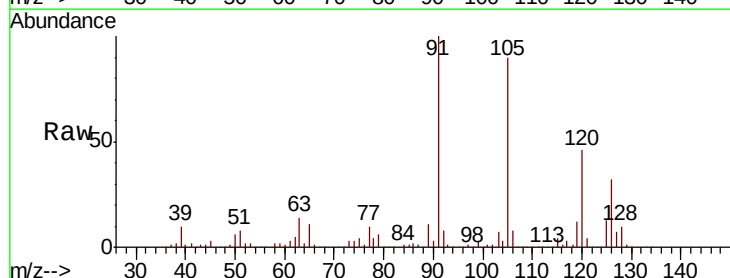
Acq: 14 Sep 2018 10:23

Tgt Ion: 91 Resp: 585236

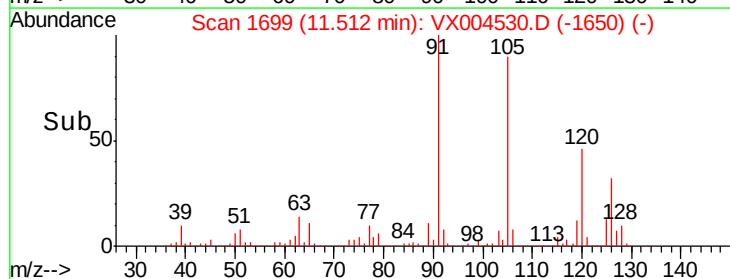
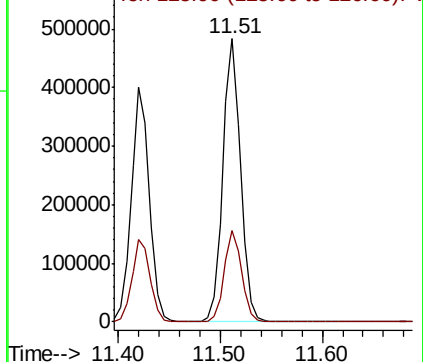
Ion Ratio Lower Upper

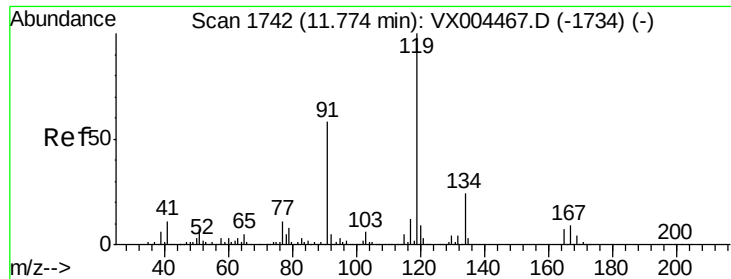
91 100

126 31.6 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

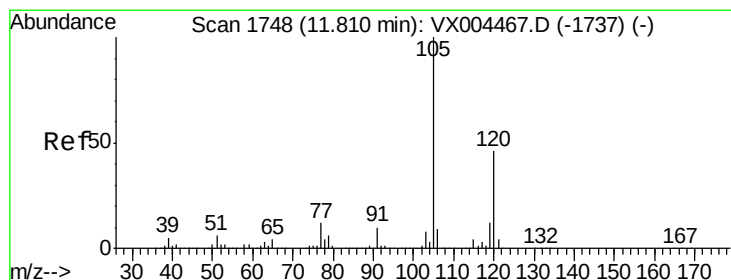
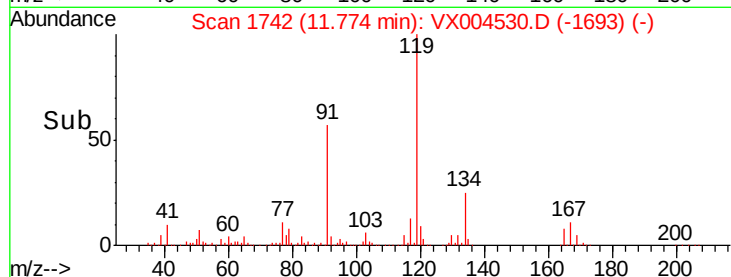
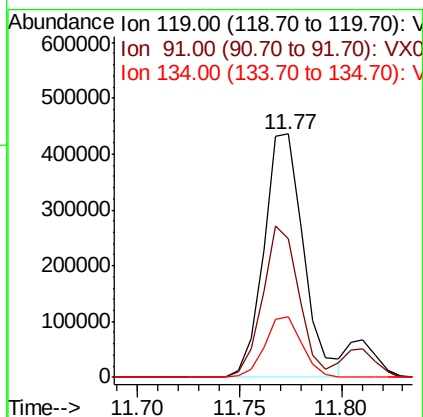
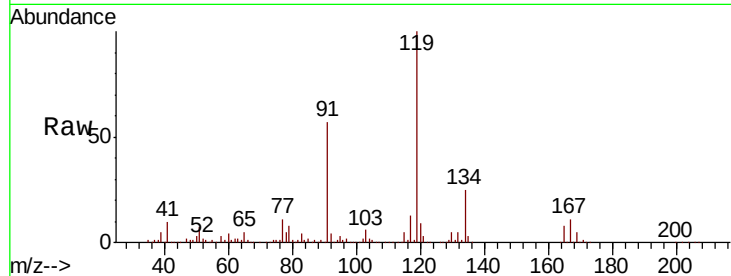




#83
 tert-Butylbenzene
 Concen: 53.84 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

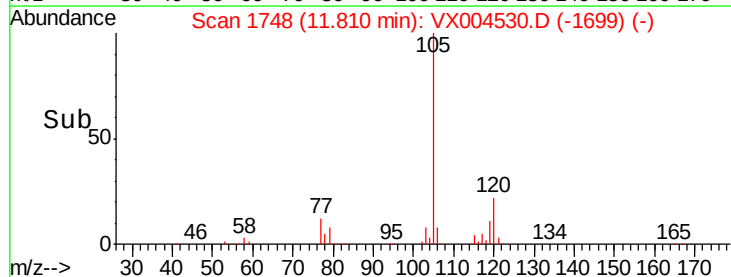
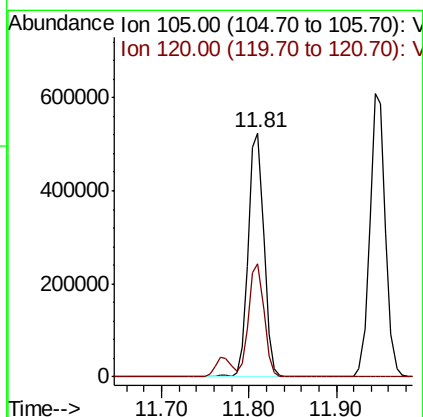
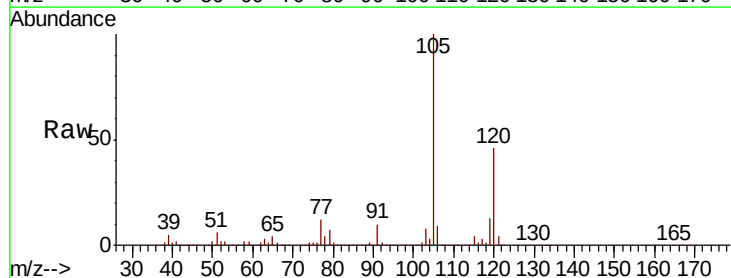
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

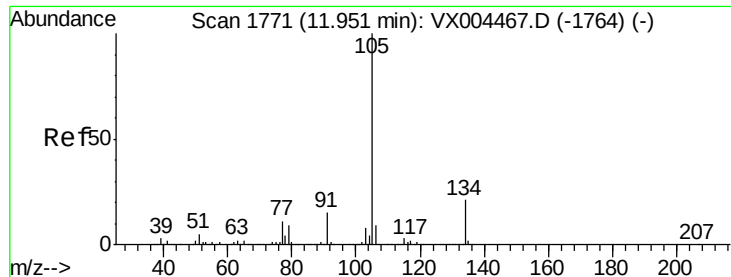
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	27.0	81.0
134	23.4	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.62 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.2	69.6





#85

sec-Butylbenzene

Concen: 54.36 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

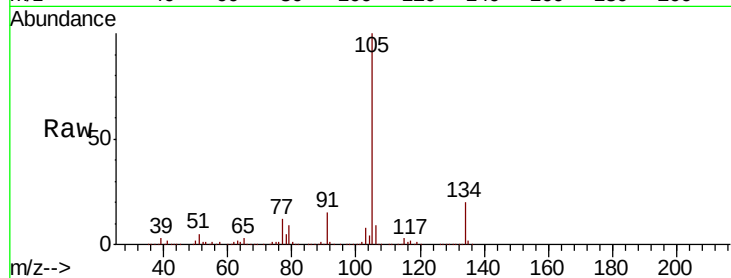
VSTDCCC050

Tot Ion:105 Resp: 760765

Ion Ratio Lower Upper

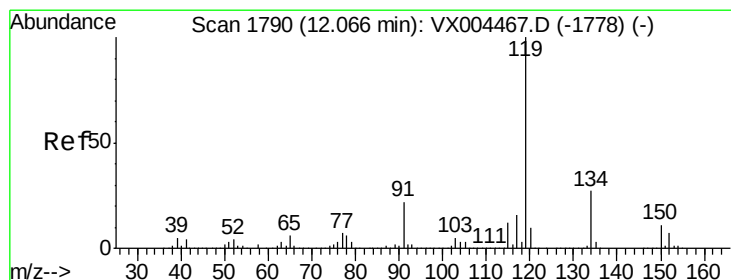
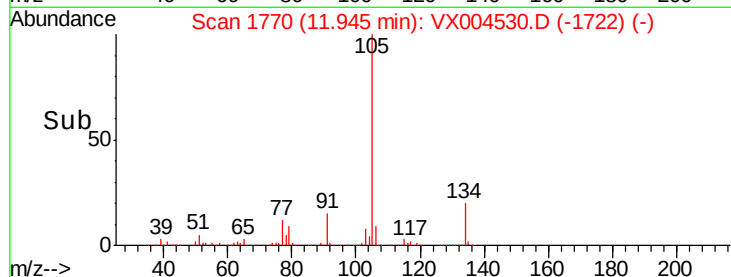
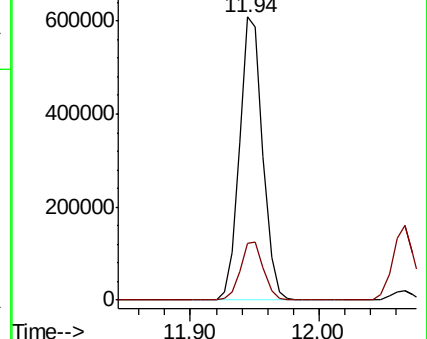
105 100

134 20.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.92 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004530.D

Acq: 14 Sep 2018 10:23

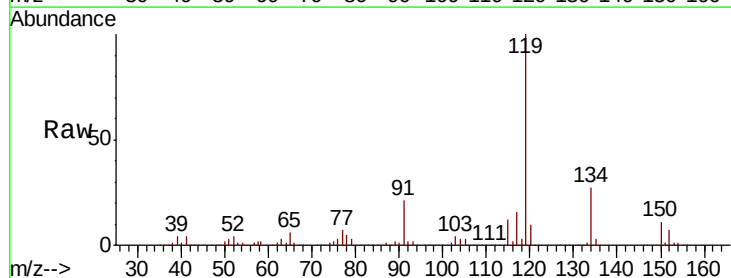
Tgt Ion:119 Resp: 691118

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

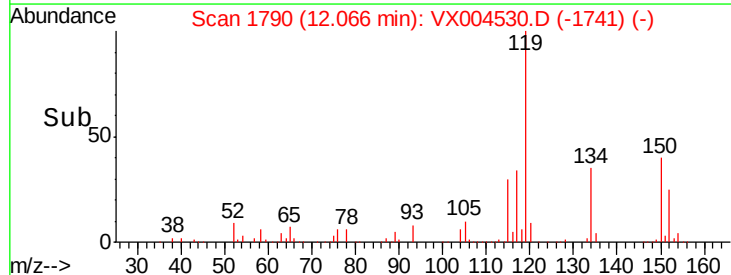
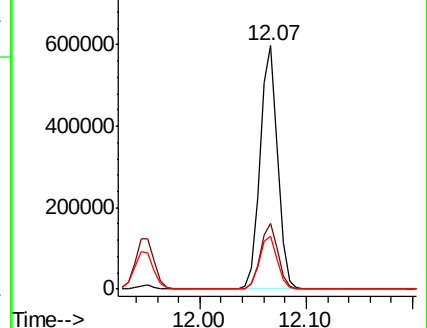
91 22.0 10.9 32.7

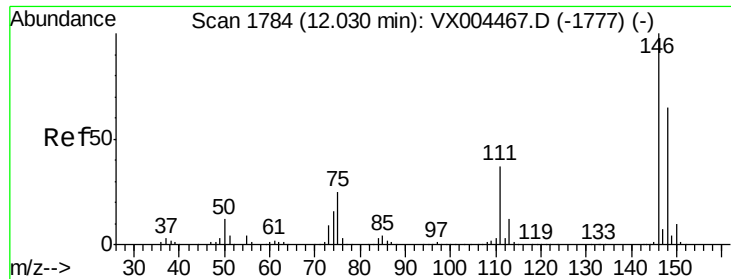


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

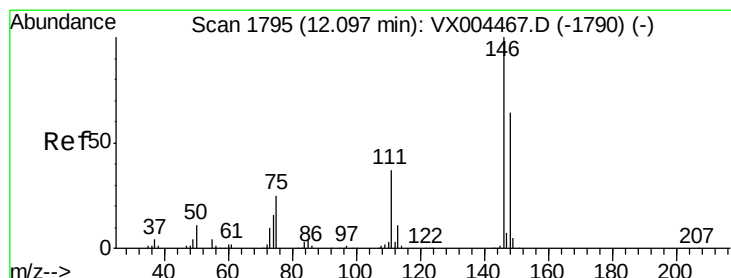
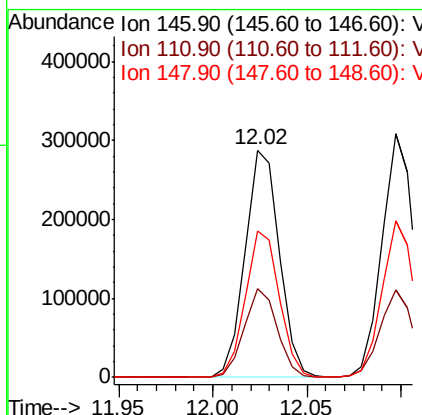
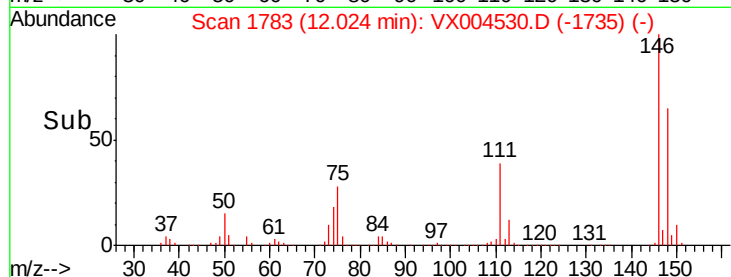
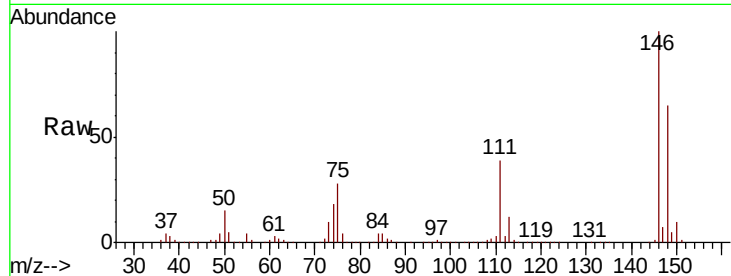




#87
 1,3-Dichlorobenzene
 Concen: 51.38 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

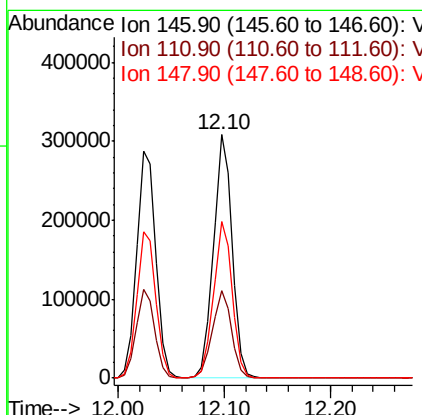
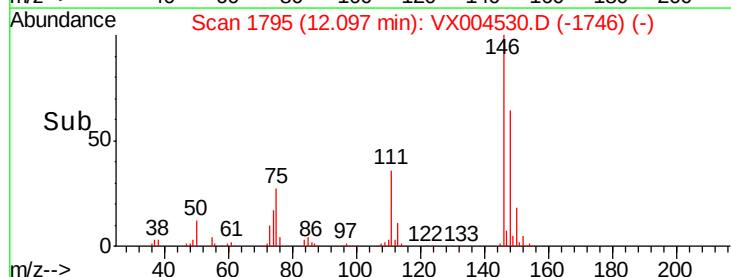
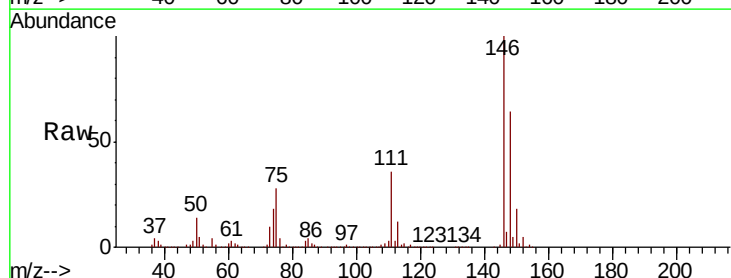
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

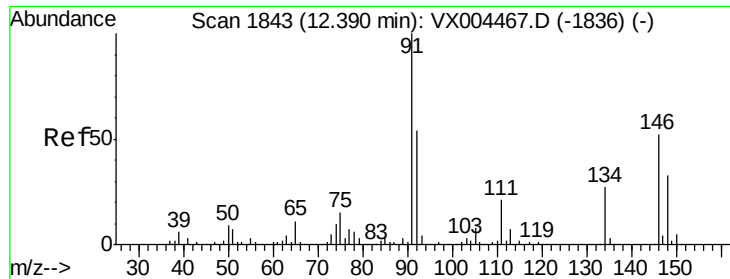
Tot Ion:146 Resp: 363559
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.49 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion:146 Resp: 369166
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.1
 148 64.4 32.0 96.0

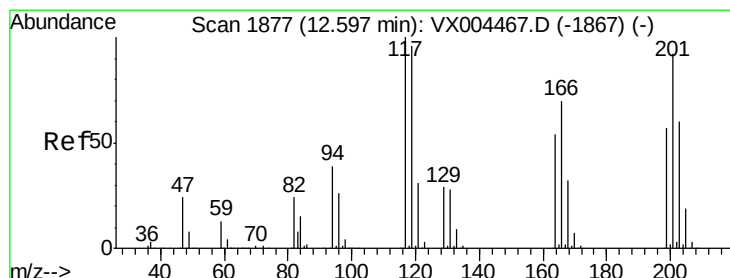
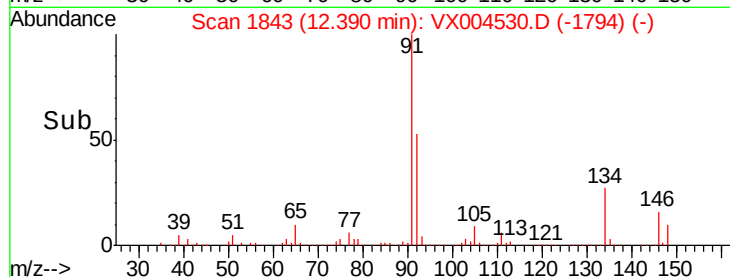
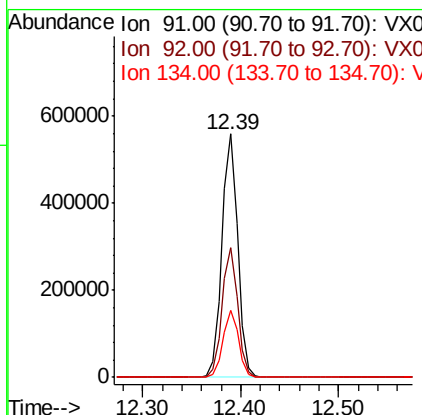
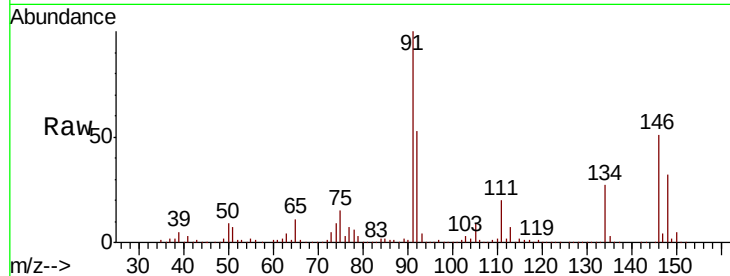




#89
n-Butylbenzene
Concen: 55.51 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

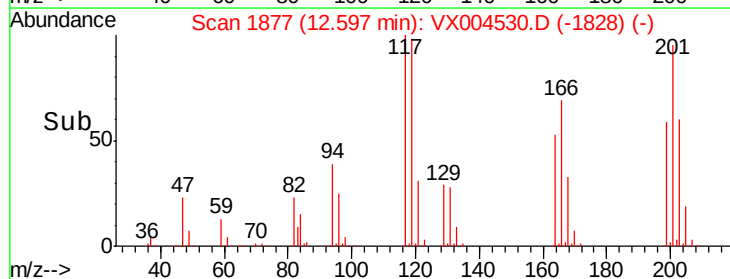
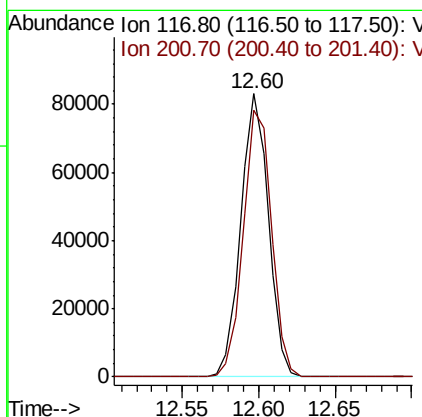
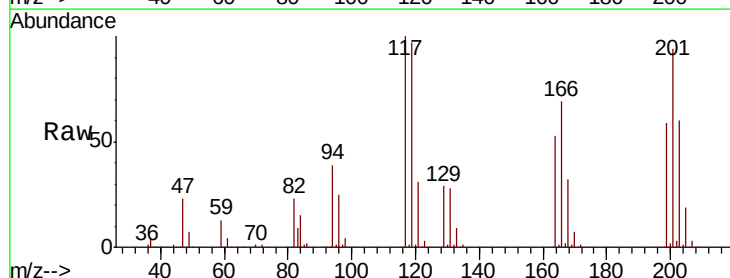
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

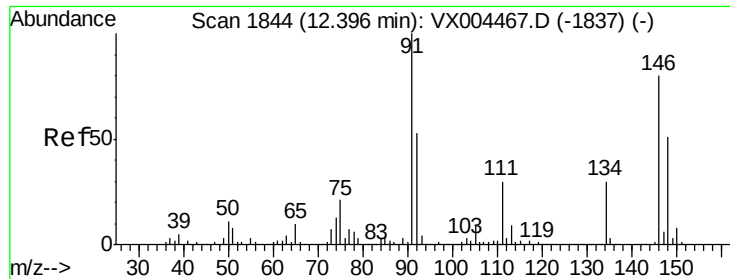
Tot Ion: 91 Resp: 625160
Ion Ratio Lower Upper
91 100
92 52.8 27.3 81.9
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 52.47 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion: 117 Resp: 103813
Ion Ratio Lower Upper
117 100
201 96.7 46.9 140.6

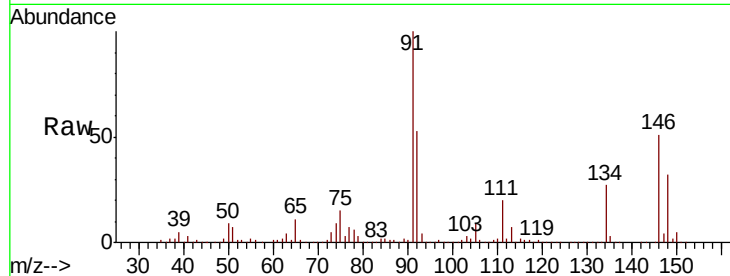




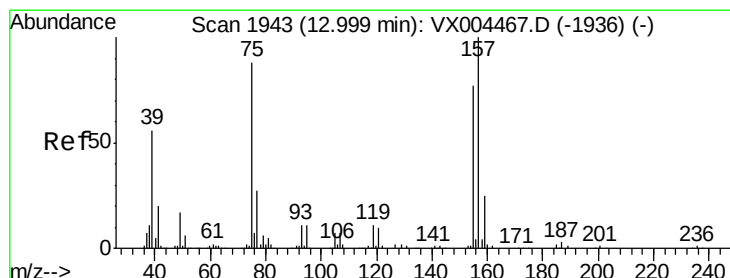
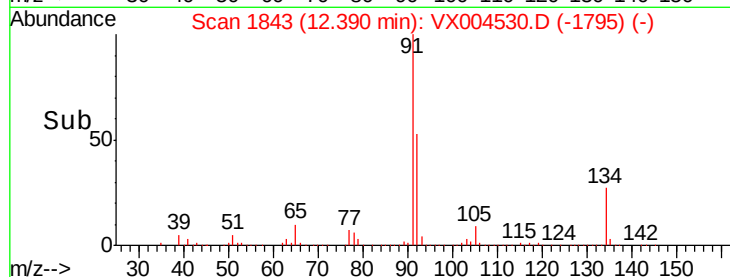
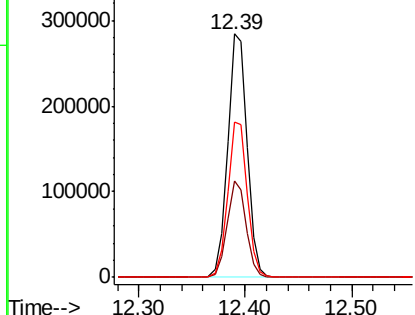
#91
 1,2-Dichlorobenzene
 Concen: 50.68 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 362987
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 64.1 32.8 98.3

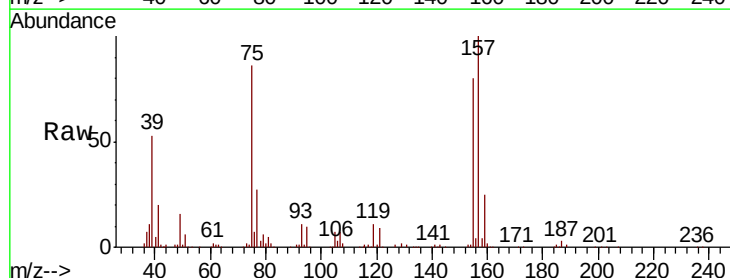


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

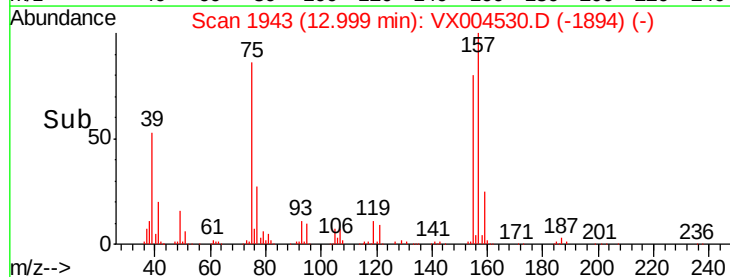
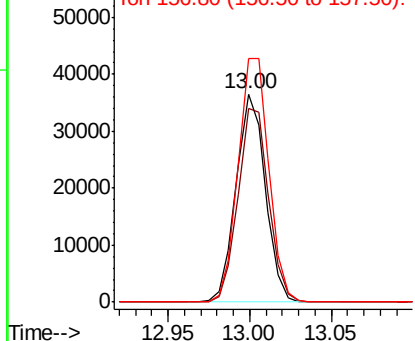


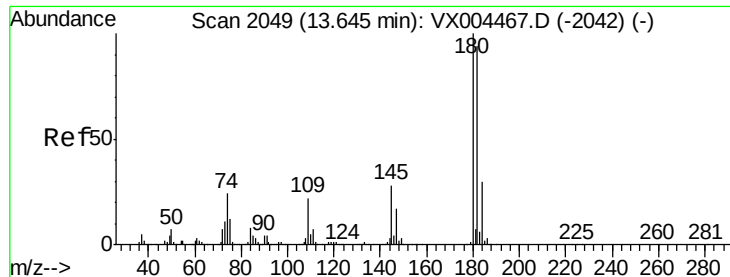
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.29 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion: 75 Resp: 45639
 Ion Ratio Lower Upper
 75 100
 155 97.2 48.0 144.2
 157 123.6 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

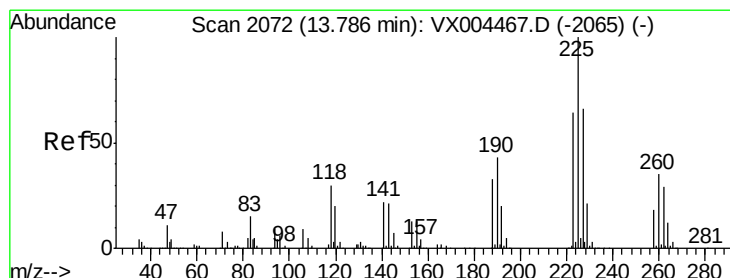
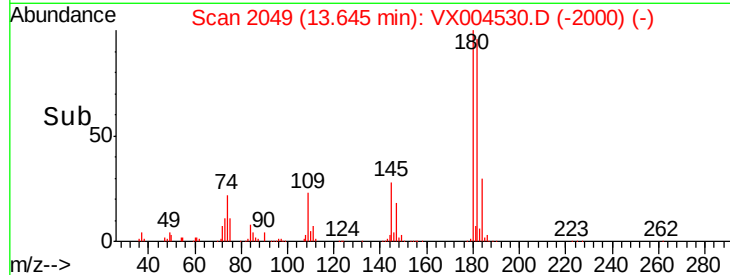
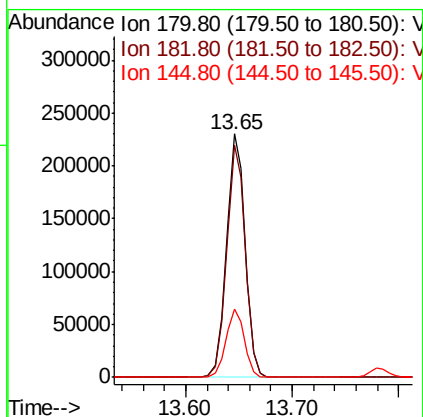
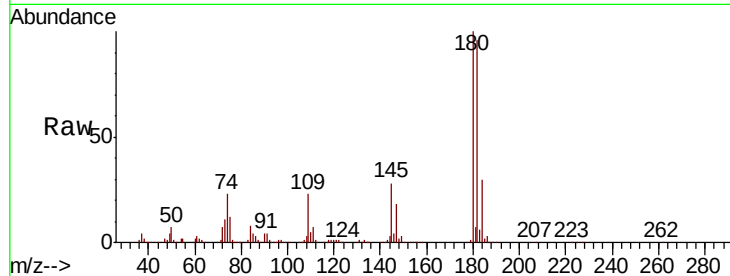




#93
 1,2,4-Trichlorobenzene
 Concen: 55.18 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

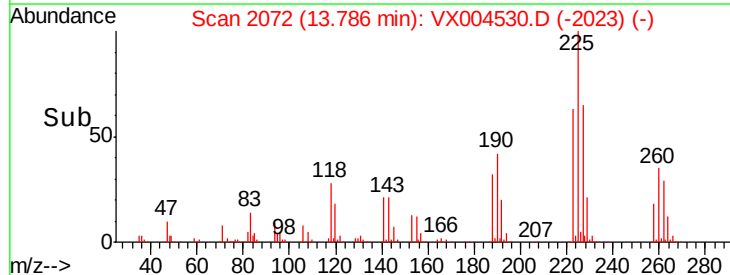
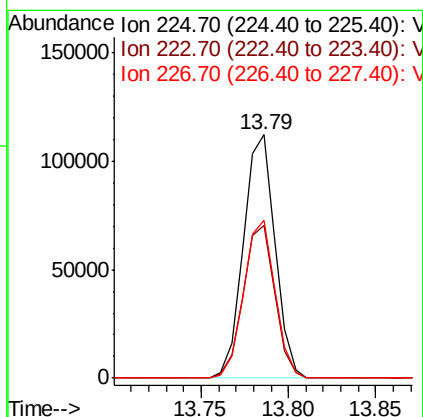
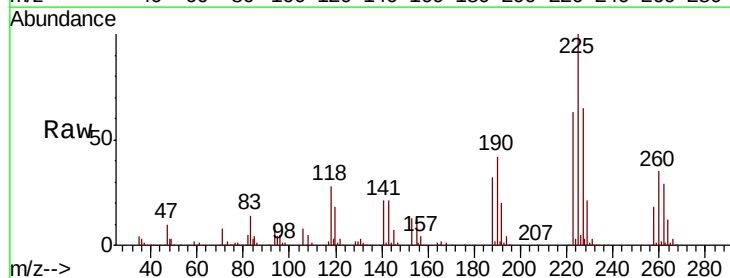
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

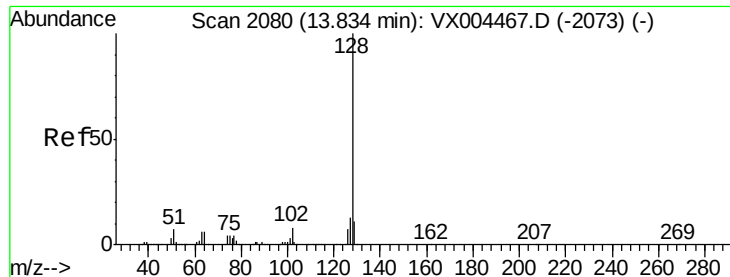
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.0
145	27.9	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 53.22 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004530.D
 Acq: 14 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.1	90.5
227	64.2	30.8	92.4

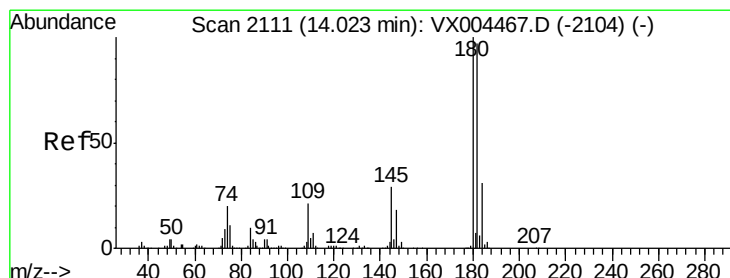
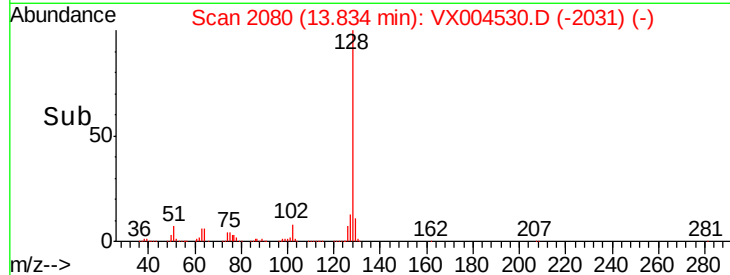
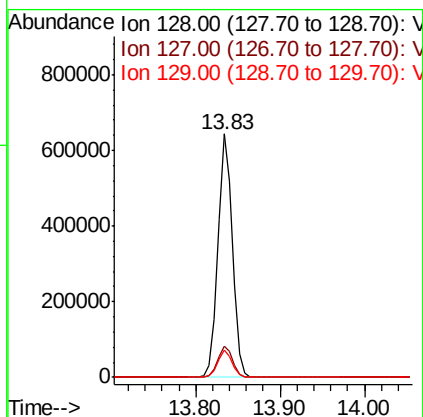
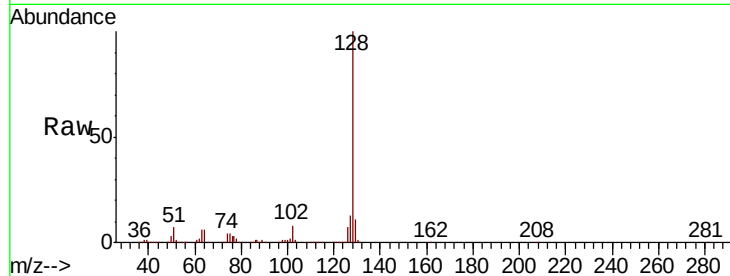




#95
Naphthalene
Concen: 53.80 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.36 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004530.D
Acq: 14 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.5	145.6
145	29.2	14.9	44.9

