

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004836.D
 Acq On : 28 Sep 2018 22:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 06:35:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203736	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	178357	55.04	ug/l	0.00
Spiked Amount			Recovery	=	110.08%	
35) Dibromofluoromethane	5.50	113	145406	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
50) Toluene-d8	8.72	98	554781	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
62) 4-Bromofluorobenzene	11.14	95	204408	58.32	ug/l	0.00
Spiked Amount			Recovery	=	116.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	192609	62.274	ug/l	99
3) Chloromethane	1.32	50	203014	54.102	ug/l	93
4) Vinyl Chloride	1.40	62	204695	58.161	ug/l	98
5) Bromomethane	1.64	94	127918	61.293	ug/l	100
6) Chloroethane	1.71	64	120600	63.506	ug/l	99
7) Trichlorofluoromethane	1.92	101	252395	57.928	ug/l	96
8) Diethyl Ether	2.19	74	100454	53.071	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145807	58.748	ug/l	99
10) Methyl Iodide	2.51	142	125555	37.805	ug/l	99
11) Tert butyl alcohol	3.08	59	246316	271.855	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135702	55.210	ug/l	96
13) Acrolein	2.29	56	127413	197.645	ug/l	97
14) Allyl chloride	2.73	41	299907	55.922	ug/l	94
15) Acrylonitrile	3.15	53	545642	273.563	ug/l	96
16) Acetone	2.45	43	500132	264.364	ug/l	89
17) Carbon Disulfide	2.57	76	390351	52.852	ug/l	99
18) Methyl Acetate	2.78	43	282910	59.024	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	488090	57.570	ug/l	97
20) Methylene Chloride	2.85	84	155919	56.799	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	145086	53.923	ug/l	86
22) Diisopropyl ether	3.87	45	517207	57.272	ug/l	95
23) Vinyl Acetate	3.82	43	2316921	280.283	ug/l	94
24) 1,1-Dichloroethane	3.70	63	278769	51.749	ug/l	99
25) 2-Butanone	4.70	43	765898	274.652	ug/l	92
26) 2,2-Dichloropropane	4.58	77	189096	50.409	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	166754	55.478	ug/l	99
28) Bromochloromethane	5.01	49	135942	53.589	ug/l	90
29) Tetrahydrofuran	5.16	42	498700	287.730	ug/l	92
30) Chloroform	5.22	83	282989	55.584	ug/l #	83
31) Cyclohexane	5.57	56	246753	59.848	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	227969	54.828	ug/l	99
36) 1,1-Dichloropropene	5.80	75	220028	55.109	ug/l	96
37) Ethyl Acetate	4.85	43	268553	50.672	ug/l	98
38) Carbon Tetrachloride	5.78	117	204139	48.640	ug/l	88

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	233807	57.349	ug/l	95
40) Benzene	6.15	78	611776	48.943	ug/l	98
41) Methacrylonitrile	5.06	41	151382	51.505	ug/l	96
42) 1,2-Dichloroethane	6.20	62	218075	49.352	ug/l	97
43) Isopropyl Acetate	6.46	43	398221	52.058	ug/l	97
44) Trichloroethene	7.21	130	161187	52.456	ug/l	90
45) 1,2-Dichloropropane	7.52	63	164918	53.801	ug/l	100
46) Dibromomethane	7.66	93	104145	54.061	ug/l	97
47) Bromodichloromethane	7.90	83	199047	55.187	ug/l	100
48) Methyl methacrylate	7.77	41	209095	60.223	ug/l	92
49) 1,4-Dioxane	7.76	88	90912	1053.956	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1399946	290.658	ug/l	96
52) Toluene	8.79	92	377735	54.996	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	222451	54.578	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	241247	56.510	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	155041	51.533	ug/l	95
56) Ethyl methacrylate	9.18	69	247507	50.657	ug/l	93
57) 1,3-Dichloropropane	9.37	76	264114	52.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	695429	267.225	ug/l	93
59) 2-Hexanone	9.50	43	1113917	277.532	ug/l	93
60) Dibromochloromethane	9.58	129	160980	53.503	ug/l	100
61) 1,2-Dibromoethane	9.68	107	160882	49.932	ug/l	100
64) Tetrachloroethene	9.34	164	151811	46.609	ug/l	97
65) Chlorobenzene	10.14	112	418883	49.361	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	151881	50.909	ug/l	99
67) Ethyl Benzene	10.26	91	718281	53.313	ug/l	98
68) m/p-Xylenes	10.36	106	558109	106.008	ug/l	94
69) o-Xylene	10.70	106	269341	55.699	ug/l	96
70) Styrene	10.71	104	456232	50.426	ug/l	97
71) Bromoform	10.86	173	130857	51.233	ug/l	99
73) Isopropylbenzene	11.02	105	722654	56.274	ug/l	99
74) N-amyl acetate	10.90	43	358299	50.736	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	258183	49.390	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	296781	64.991	ug/l	88
77) Bromobenzene	11.26	156	193188	51.793	ug/l	97
78) n-propylbenzene	11.36	91	843409	57.241	ug/l	99
79) 2-Chlorotoluene	11.42	91	492535	53.628	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	617278	52.455	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	72828	43.756	ug/l	99
82) 4-Chlorotoluene	11.51	91	592813	54.838	ug/l	99
83) tert-Butylbenzene	11.77	119	609026	57.602	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	634949	52.320	ug/l	99
85) sec-Butylbenzene	11.94	105	733234	56.936	ug/l	98
86) p-Isopropyltoluene	12.07	119	661695	56.711	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	357081	51.268	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362827	50.464	ug/l	99
89) n-Butylbenzene	12.39	91	585605	55.264	ug/l	98
90) Hexachloroethane	12.60	117	105098	54.100	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	362095	49.747	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61387	53.483	ug/l	96

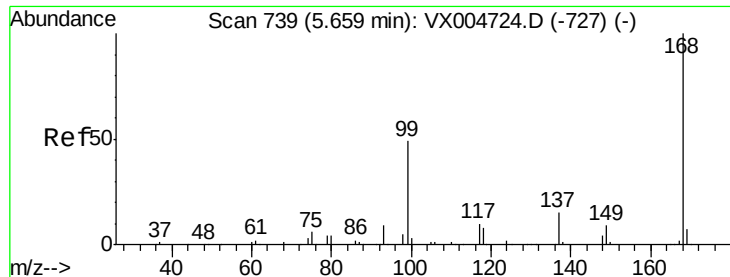
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	268832	52.651	ug/l	98
94) Hexachlorobutadiene	13.79	225	129645	48.966	ug/l	96
95) Naphthalene	13.83	128	869319	51.278	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275245	52.185	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

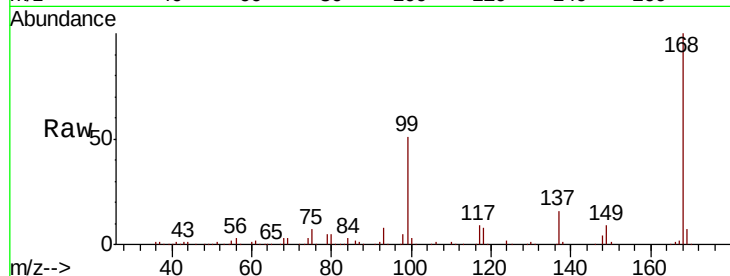
VSTDCCC050

Tot Ion:168 Resp: 226842

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

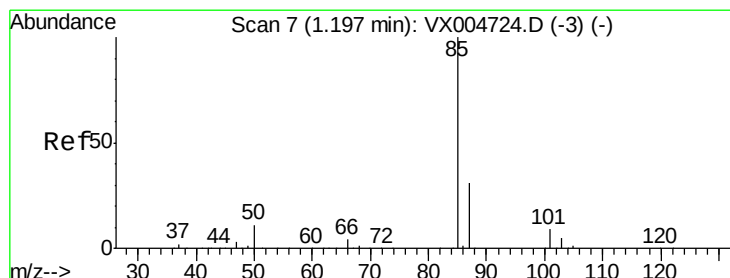
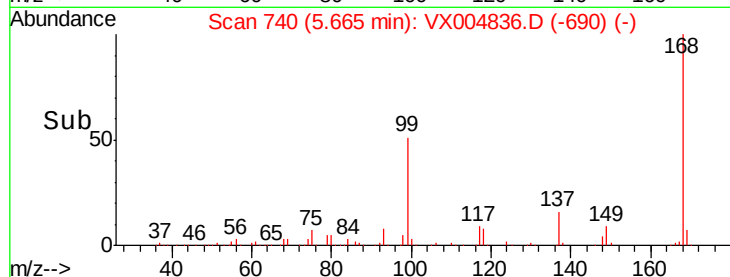
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 62.274 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004836.D

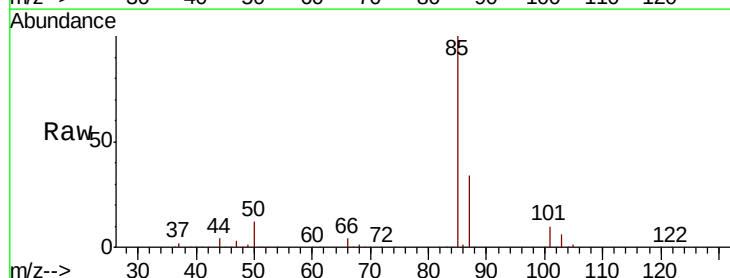
Acq: 28 Sep 2018 22:19

Tgt Ion: 85 Resp: 192609

Ion Ratio Lower Upper

85 100

87 33.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

50000

0

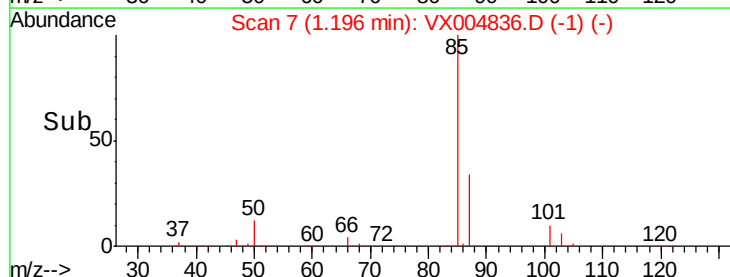
1.15

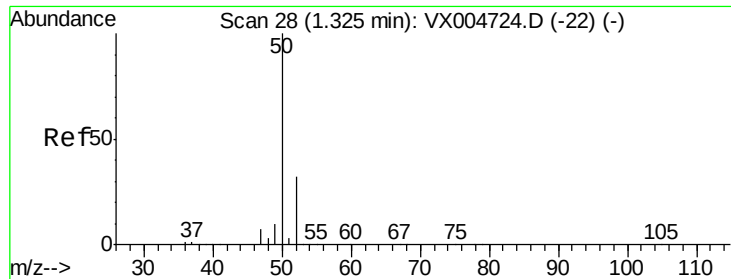
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 54.102 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

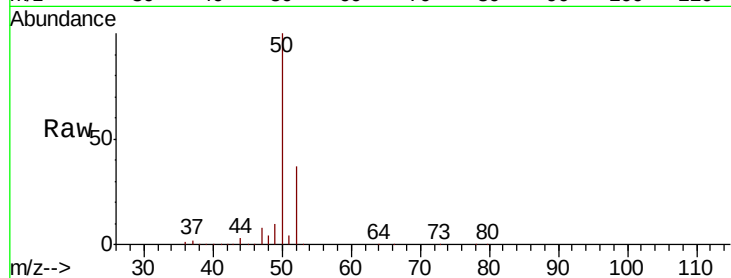
VSTDCCC050

Tot Ion: 50 Resp: 203014

Ion Ratio Lower Upper

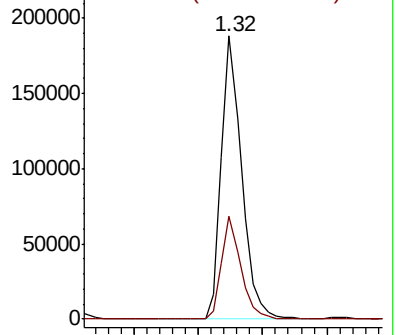
50 100

52 36.6 26.2 39.2

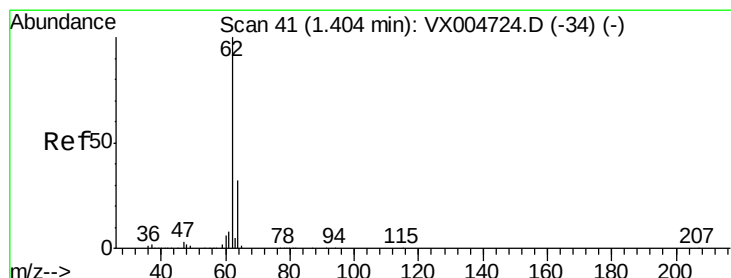
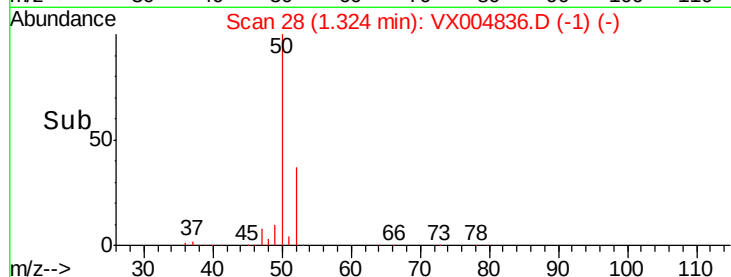


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 58.161 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004836.D

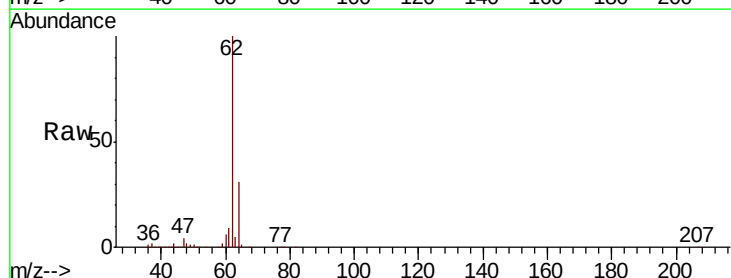
Acq: 28 Sep 2018 22:19

Tgt Ion: 62 Resp: 204695

Ion Ratio Lower Upper

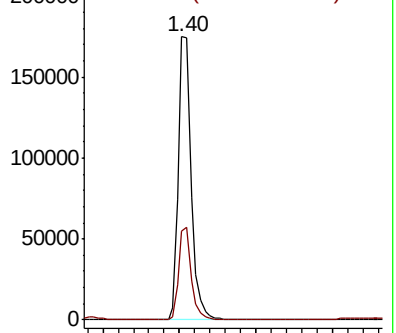
62 100

64 31.3 25.8 38.8

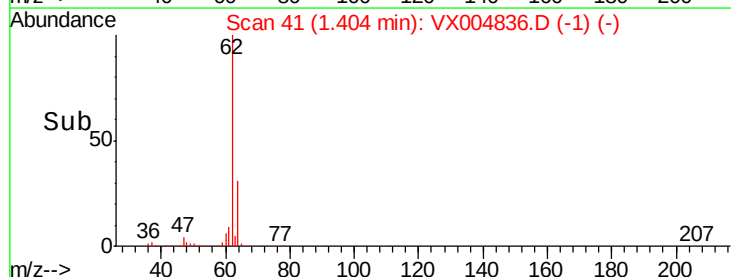


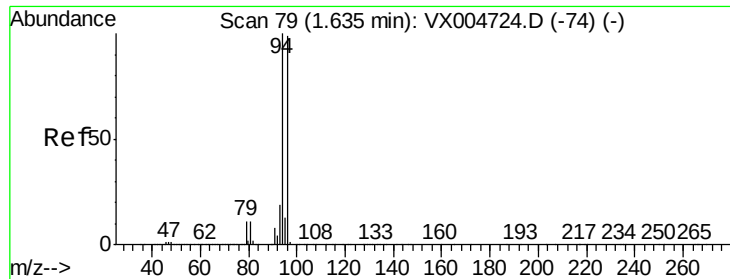
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 61.293 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

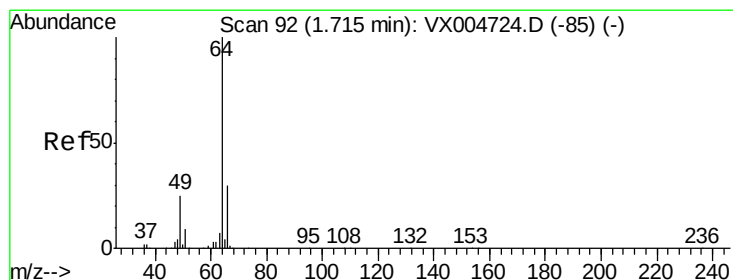
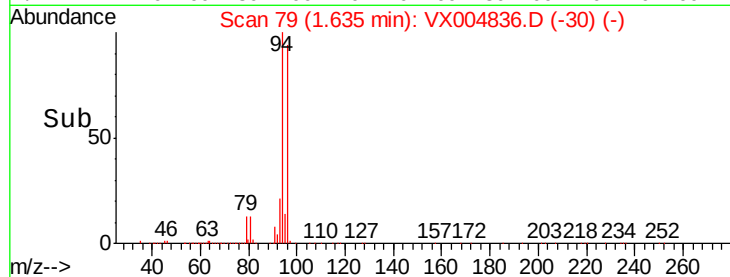
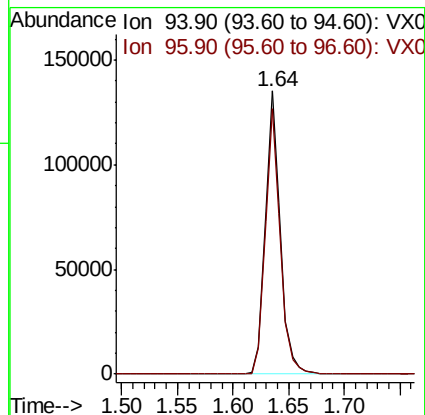
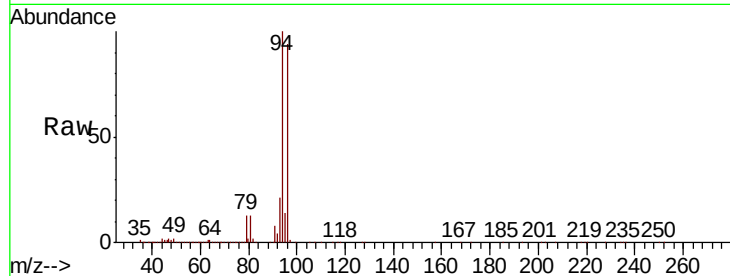
VSTDCCC050

Tot Ion: 94 Resp: 127918

Ion Ratio Lower Upper

94 100

96 93.6 74.5 111.7



#6

Chloroethane

Concen: 63.506 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004836.D

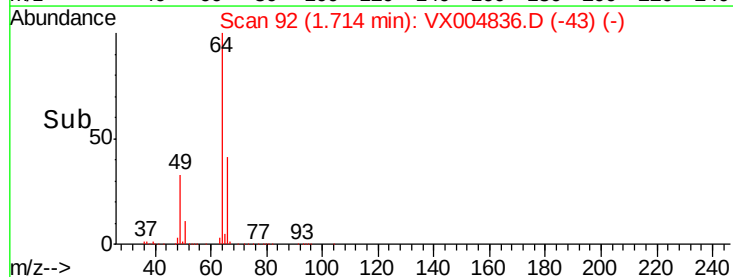
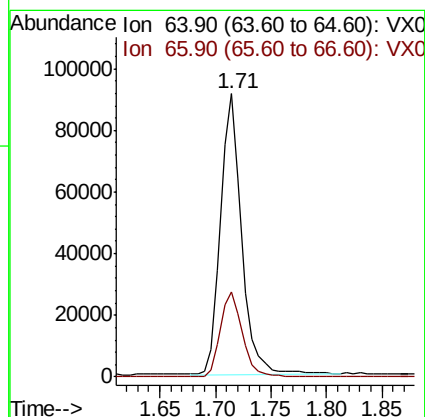
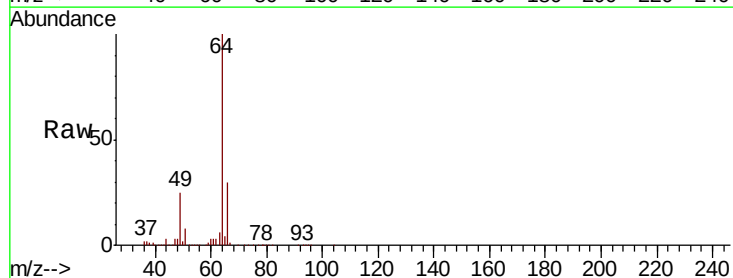
Acq: 28 Sep 2018 22:19

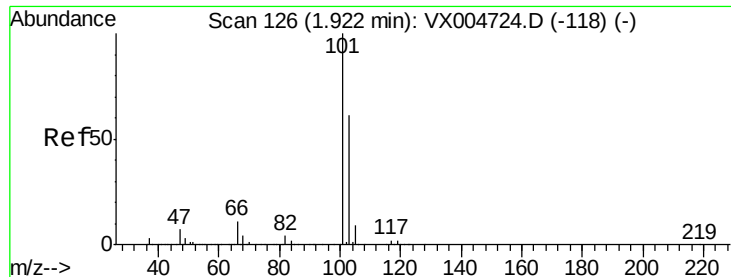
Tgt Ion: 64 Resp: 120600

Ion Ratio Lower Upper

64 100

66 30.1 24.6 36.8



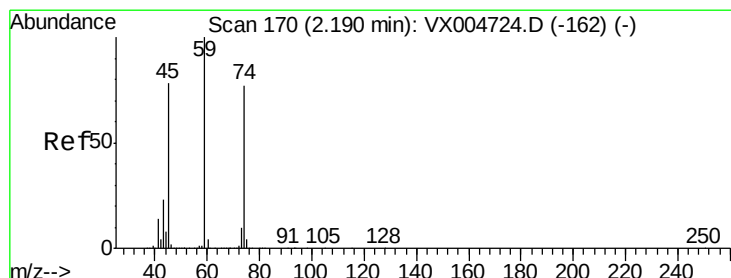
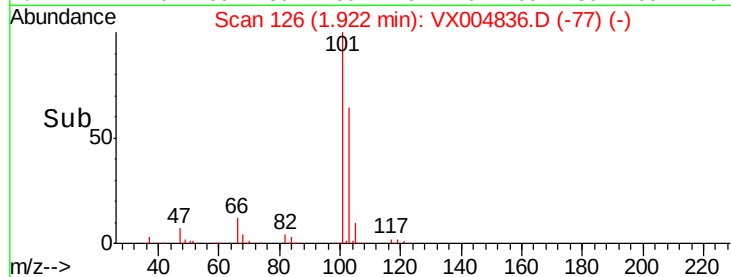
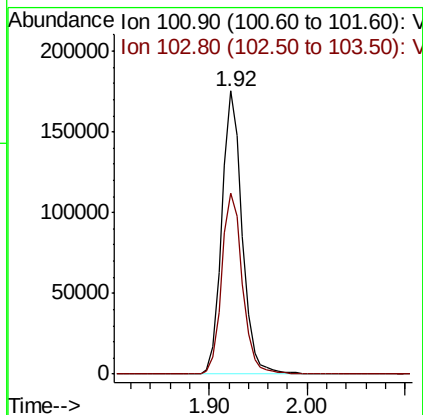
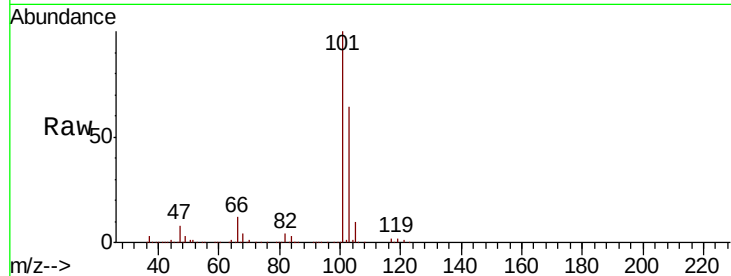


#7

Trichlorofluoromethane
 Concen: 57.928 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

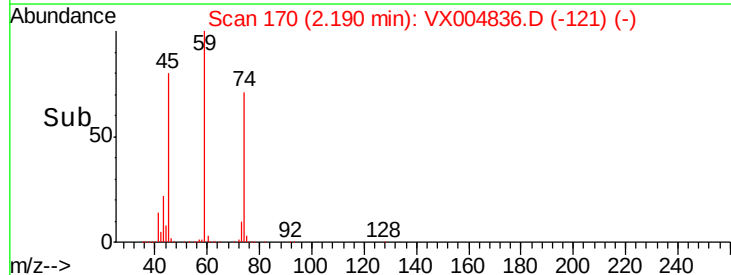
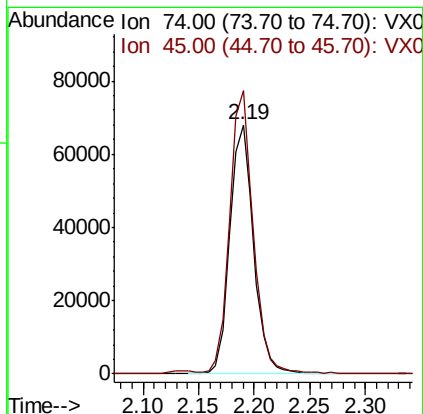
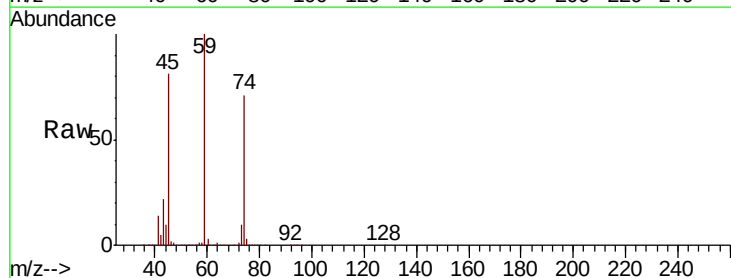
Tot Ion:101 Resp: 252395
 Ion Ratio Lower Upper
 101 100
 103 63.8 48.9 73.3

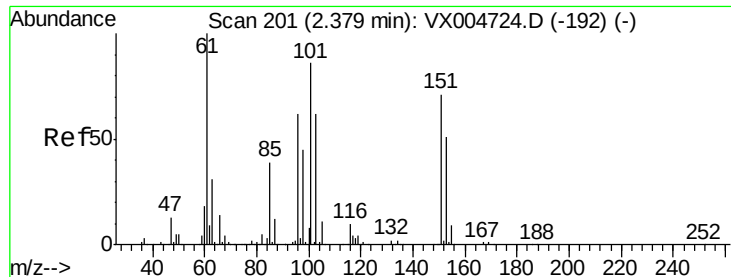


#8

Diethyl Ether
 Concen: 53.071 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Tgt Ion: 74 Resp: 100454
 Ion Ratio Lower Upper
 74 100
 45 111.4 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.748 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

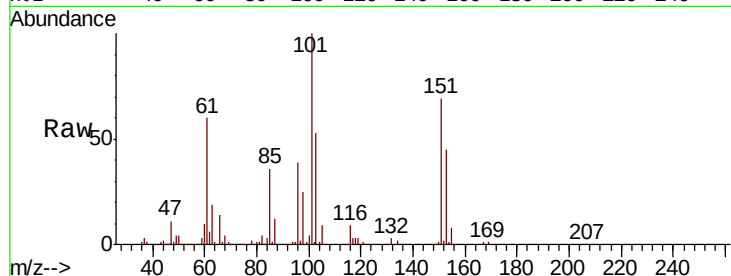
Tot Ion:101 Resp: 145807

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

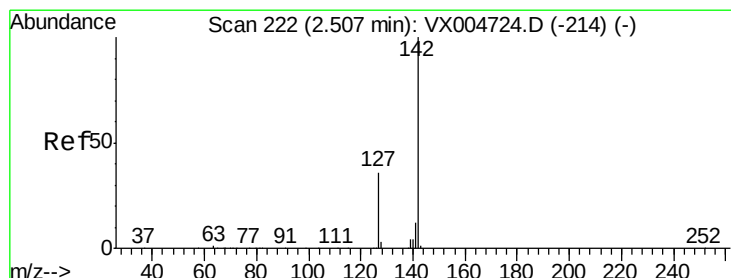
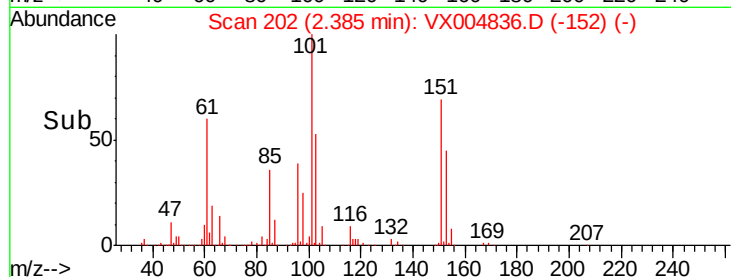
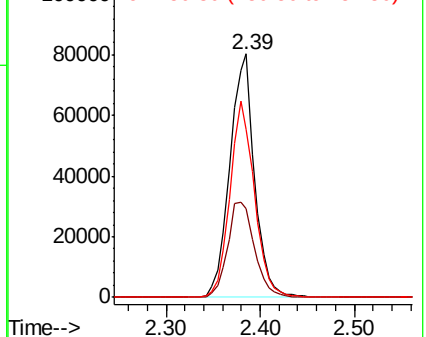
151 80.2 65.0 97.6



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: 37.805 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

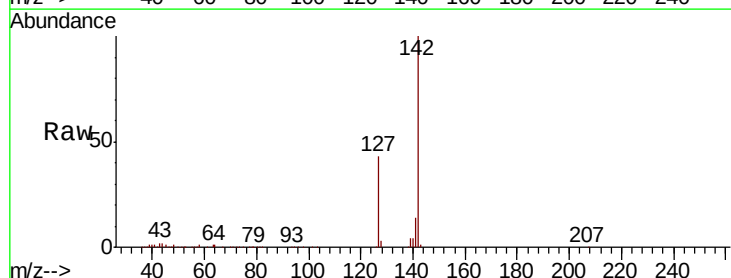
Tgt Ion:142 Resp: 125555

Ion Ratio Lower Upper

142 100

127 43.0 33.8 50.6

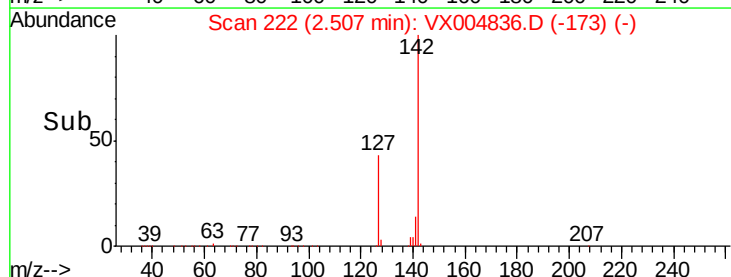
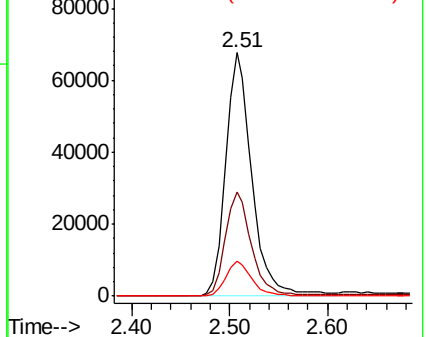
141 14.4 11.4 17.0

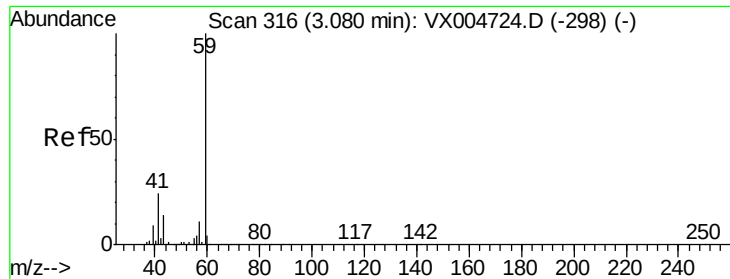


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

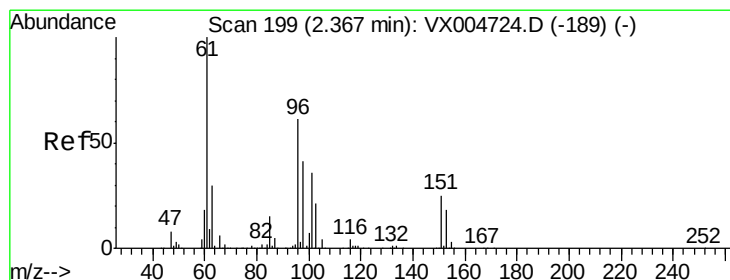
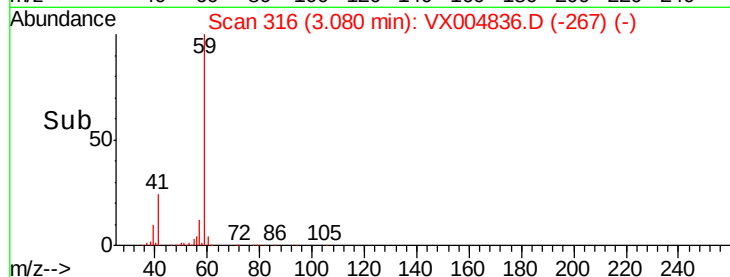
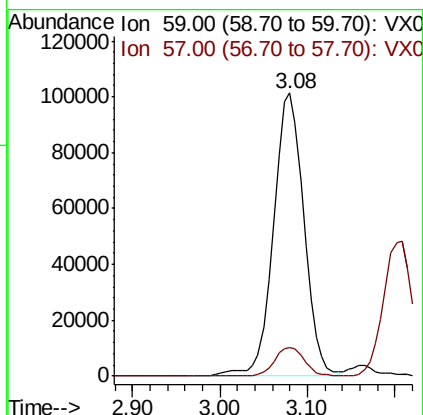
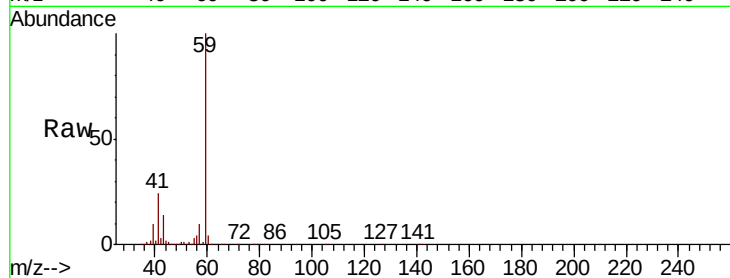




#11
Tert butyl alcohol
Concen: 271.855 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

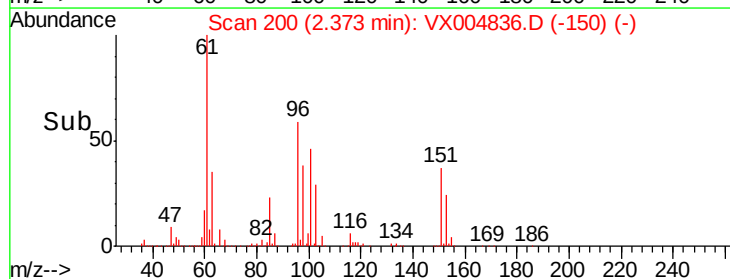
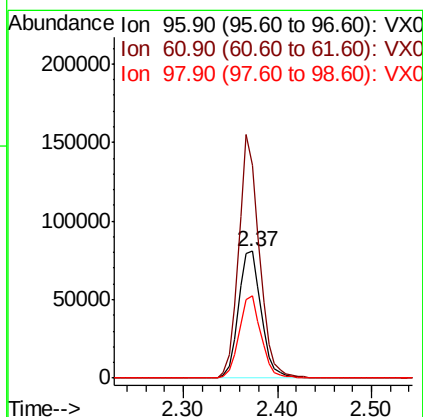
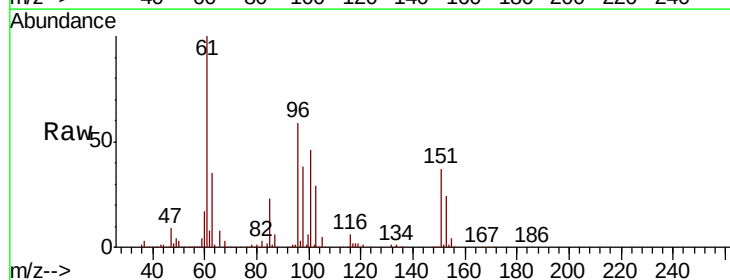
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

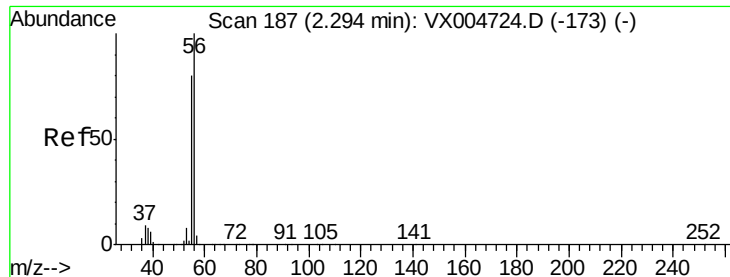
Tot Ion: 59 Resp: 246316
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 55.210 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion: 96 Resp: 135702
Ion Ratio Lower Upper
96 100
61 168.4 128.8 193.2
98 64.7 52.2 78.2





#13

Acrolein

Concen: 197.645 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

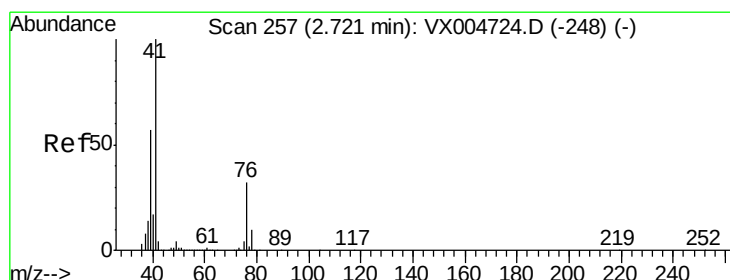
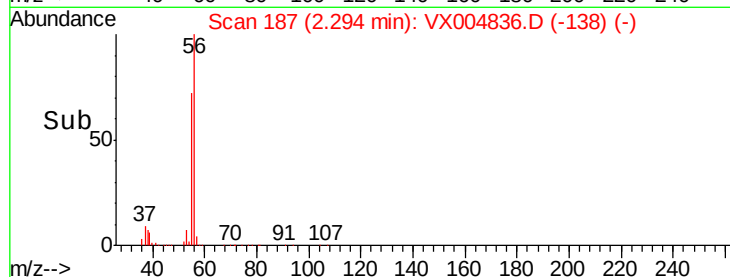
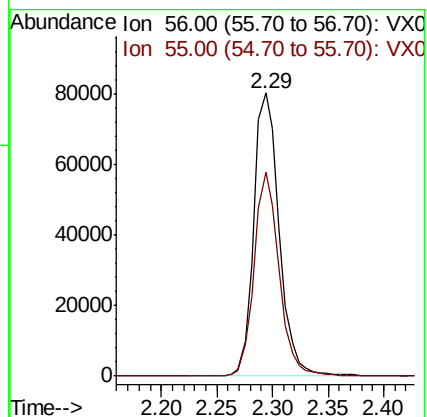
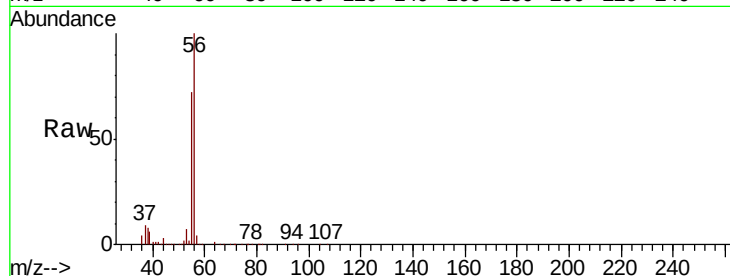
VSTDCCC050

Tot Ion: 56 Resp: 127413

Ion Ratio Lower Upper

56 100

55 70.8 54.7 82.1



#14

Allyl chloride

Concen: 55.922 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

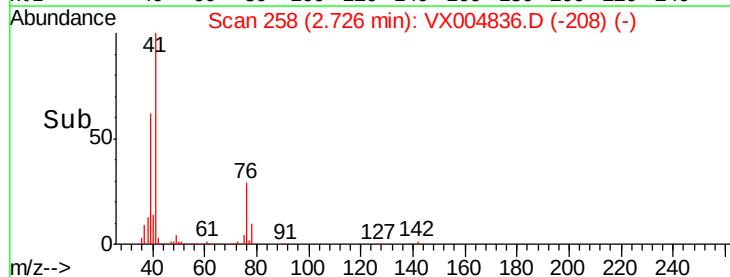
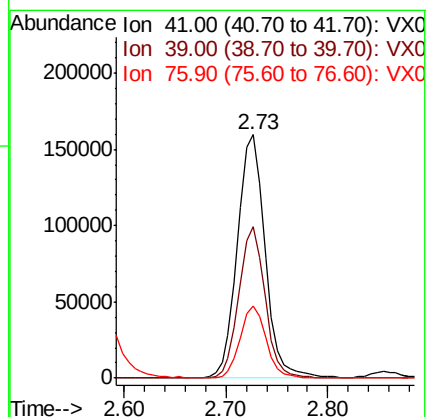
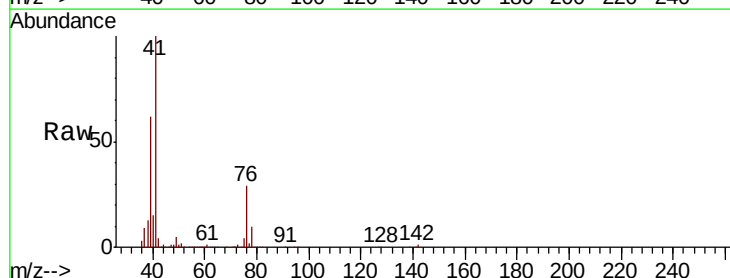
Tgt Ion: 41 Resp: 299907

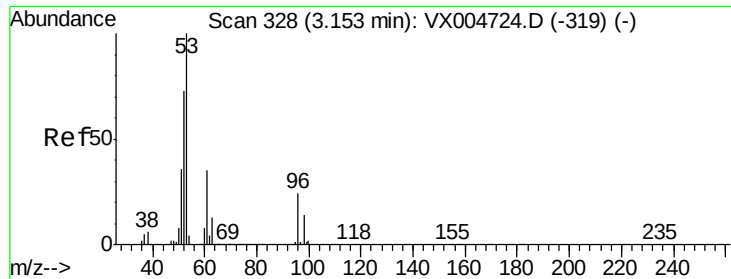
Ion Ratio Lower Upper

41 100

39 58.6 48.9 73.3

76 27.8 26.7 40.1





#15

Acrylonitrile

Concen: 273.563 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

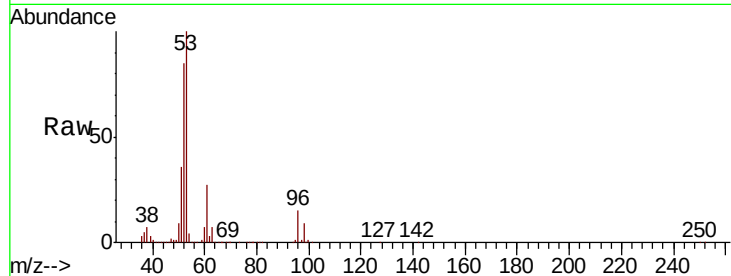
Tot Ion: 53 Resp: 545642

Ion Ratio Lower Upper

53 100

52 85.9 65.2 97.8

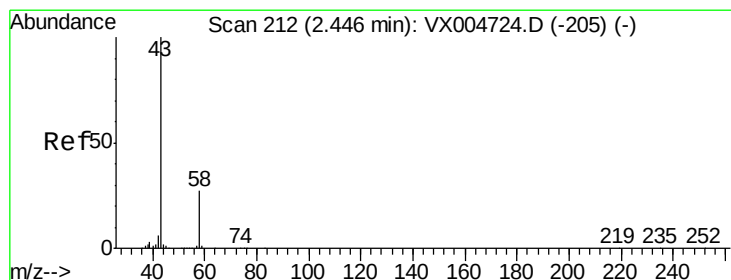
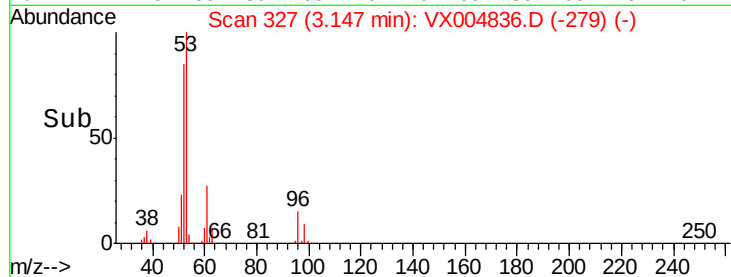
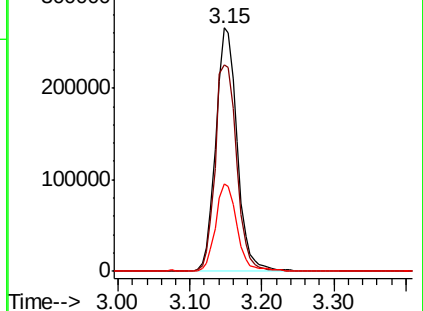
51 36.0 28.2 42.2



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: 264.364 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004836.D

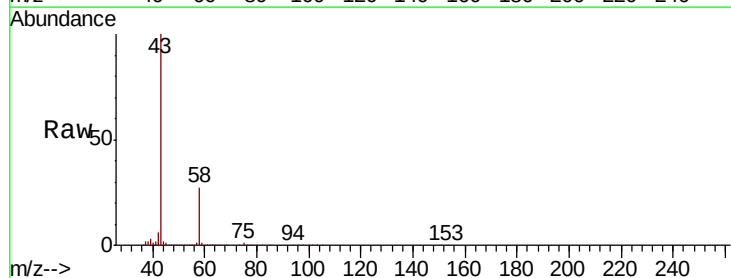
Acq: 28 Sep 2018 22:19

Tgt Ion: 43 Resp: 500132

Ion Ratio Lower Upper

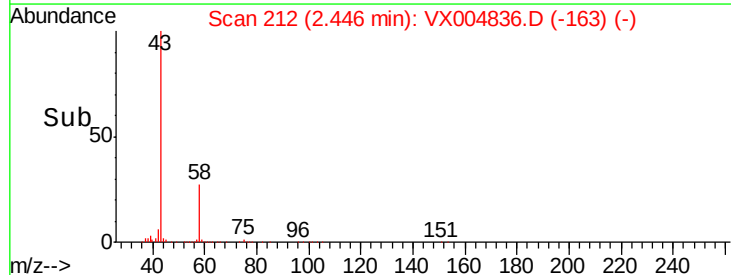
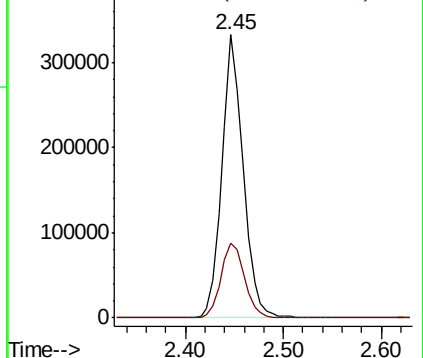
43 100

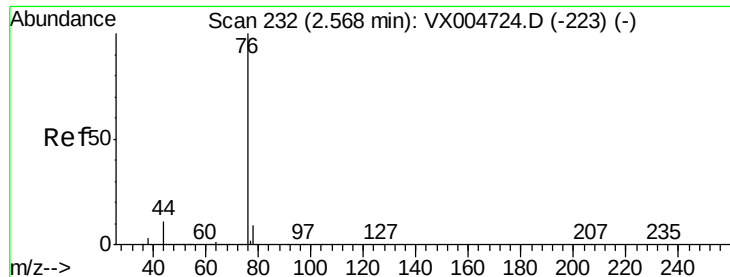
58 26.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 52.852 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

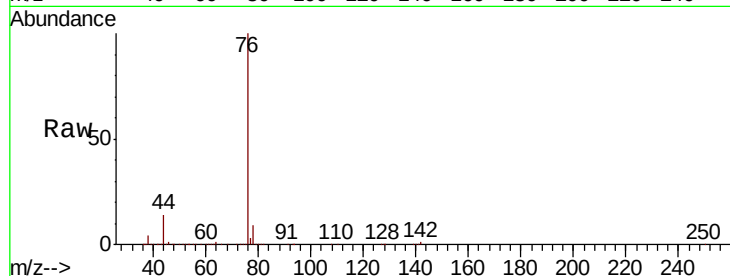
VSTDCCC050

Tot Ion: 76 Resp: 390351

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

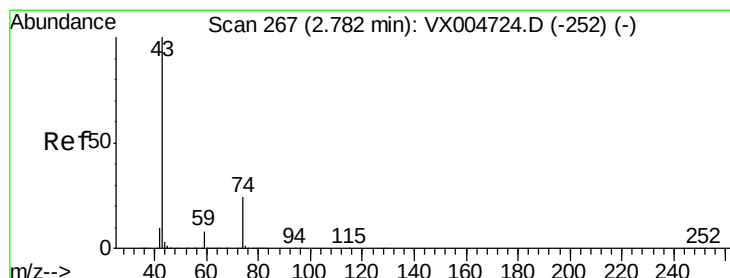
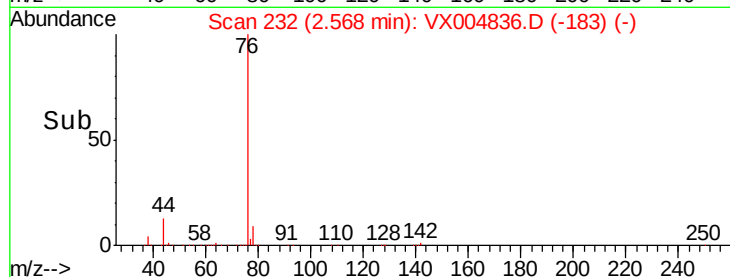
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 59.024 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004836.D

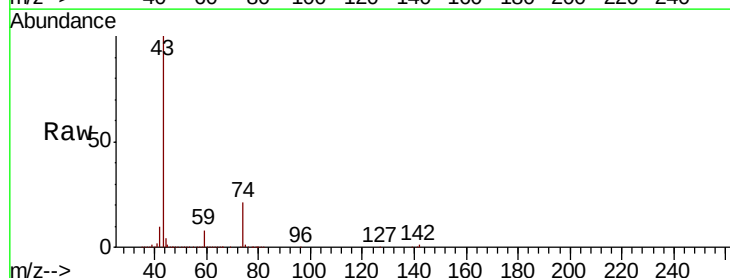
Acq: 28 Sep 2018 22:19

Tgt Ion: 43 Resp: 282910

Ion Ratio Lower Upper

43 100

74 20.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

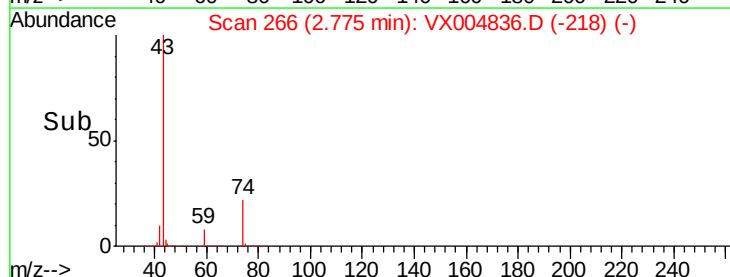
150000

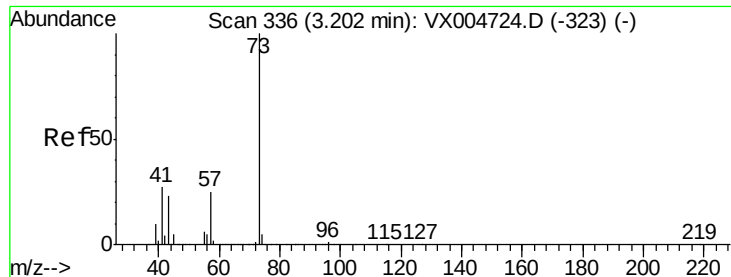
100000

50000

0

Time-->



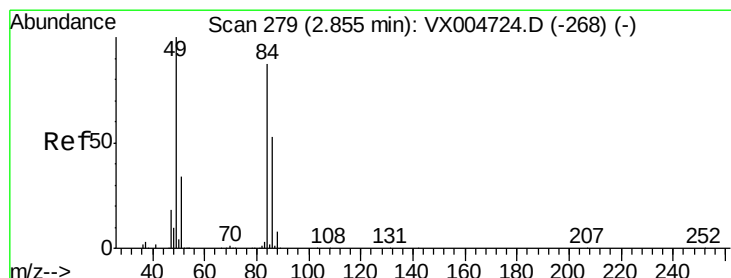
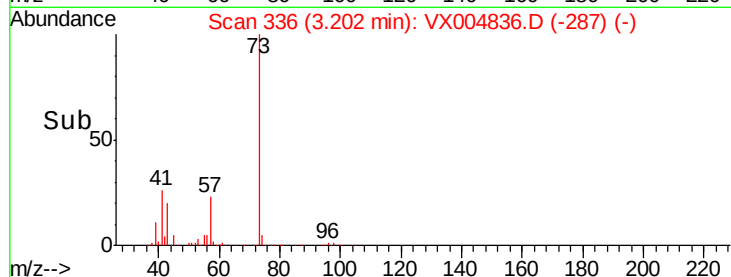
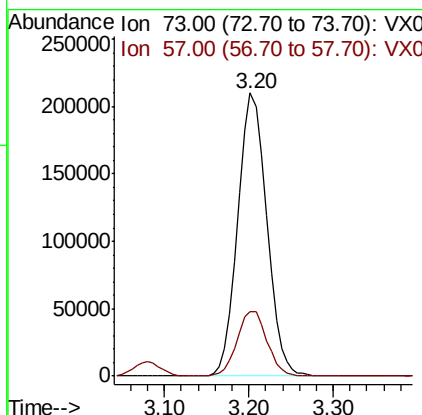
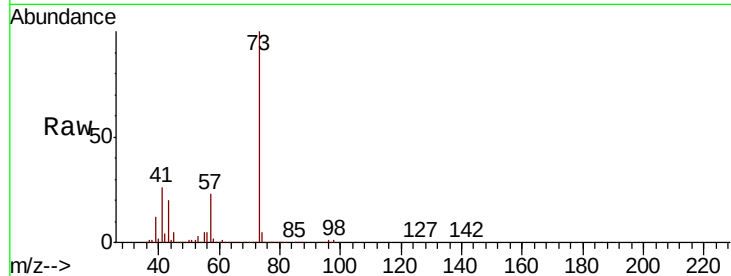


#19

Methyl tert-butyl Ether
 Concen: 57.570 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

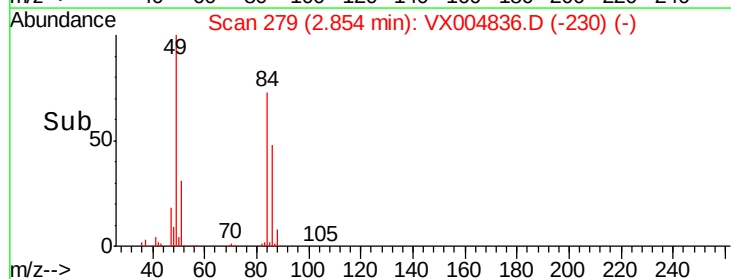
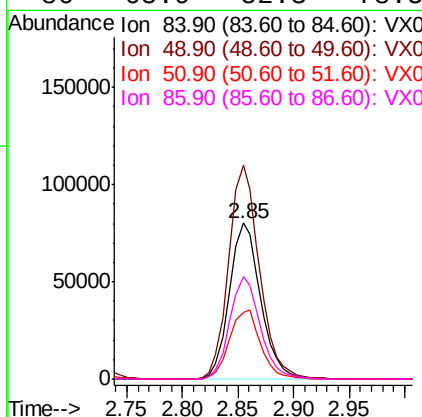
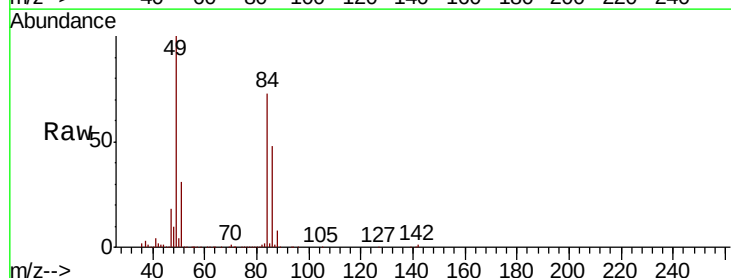
Tot Ion: 73 Resp: 488090
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.1 25.7

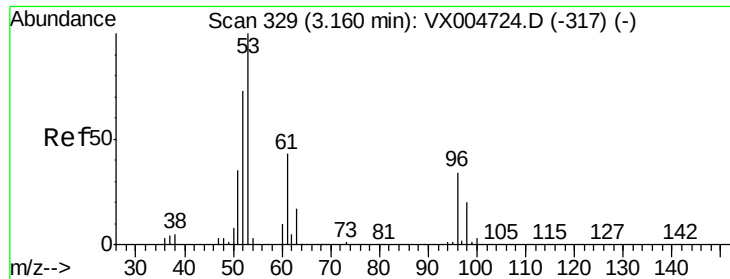


#20

Methylene Chloride
 Concen: 56.799 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Tgt Ion: 84 Resp: 155919
 Ion Ratio Lower Upper
 84 100
 49 137.0 101.2 151.8
 51 42.6 29.5 44.3
 86 65.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 53.923 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

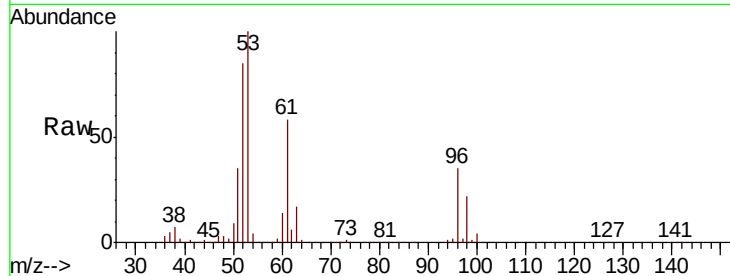
Tot Ion: 96 Resp: 145086

Ion Ratio Lower Upper

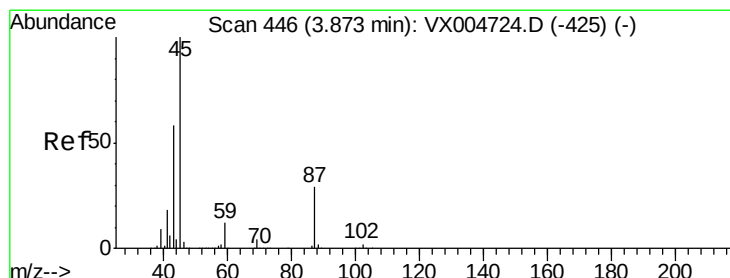
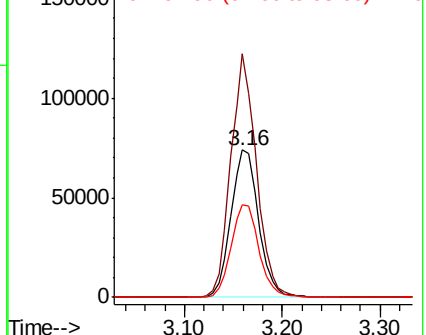
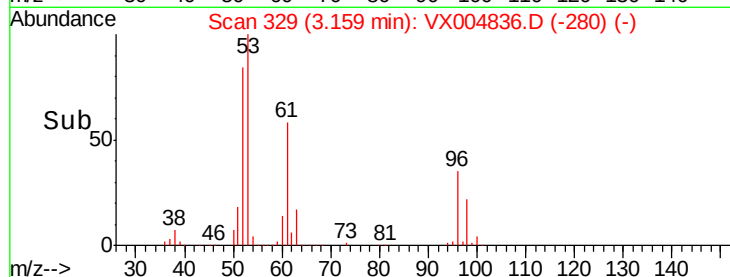
96 100

61 165.5 113.8 170.6

98 62.9 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: 57.272 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Tgt Ion: 45 Resp: 517207

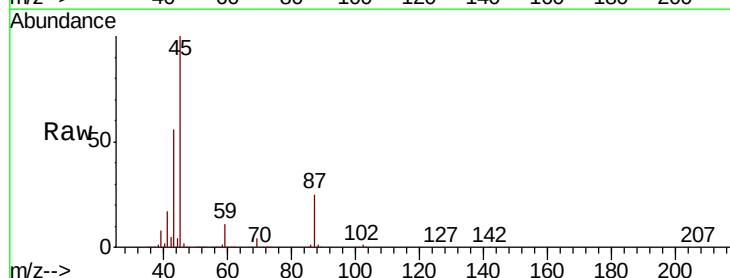
Ion Ratio Lower Upper

45 100

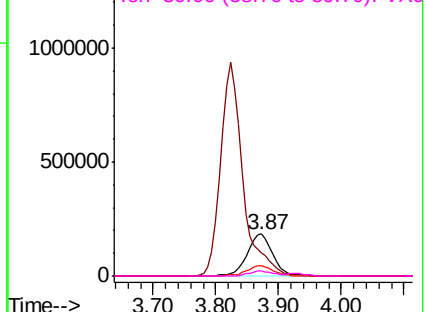
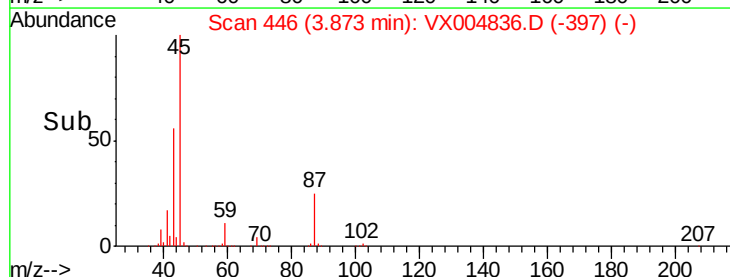
43 56.2 42.8 64.2

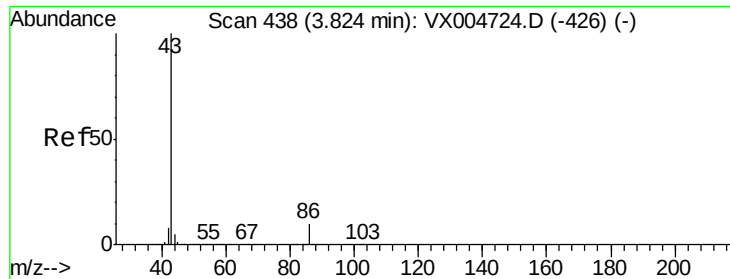
87 24.7 22.6 34.0

59 10.9 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: 280.283 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

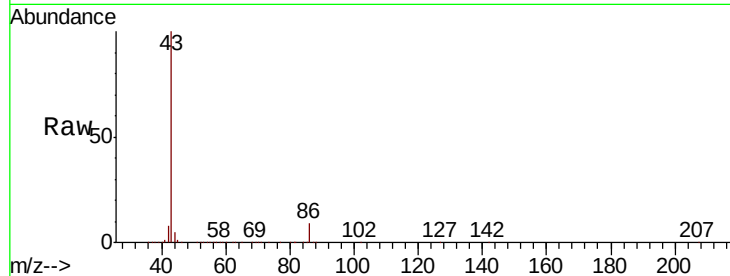
VSTDCCC050

Tot Ion: 43 Resp: 2316921

Ion Ratio Lower Upper

43 100

86 9.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

1000000

800000

600000

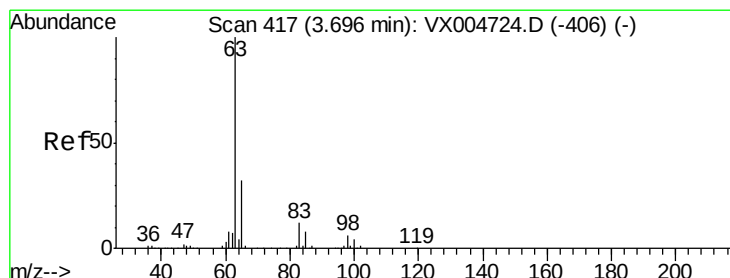
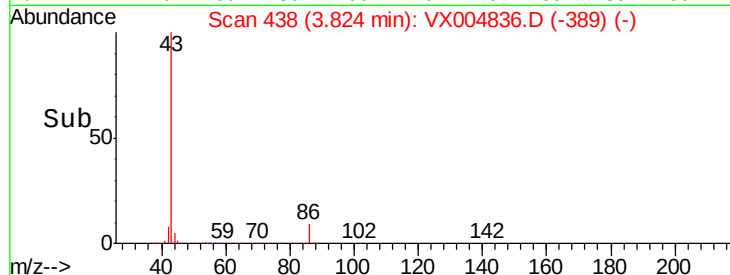
400000

200000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.749 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

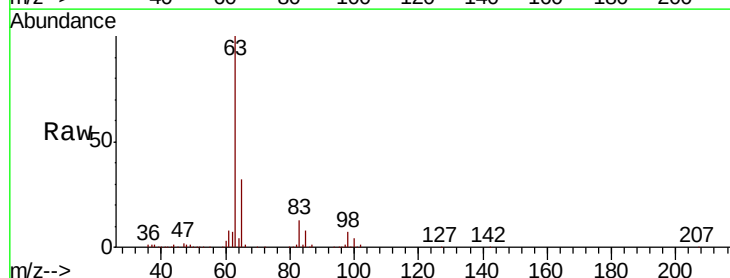
Tgt Ion: 63 Resp: 278769

Ion Ratio Lower Upper

63 100

98 6.7 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

150000

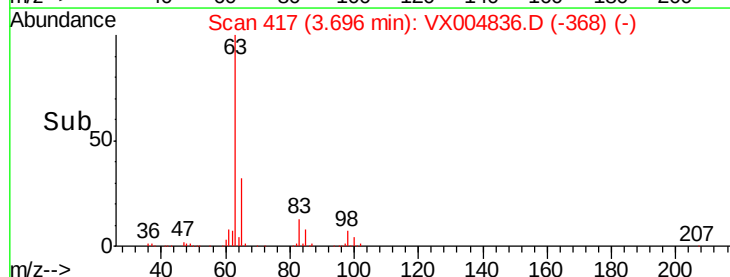
100000

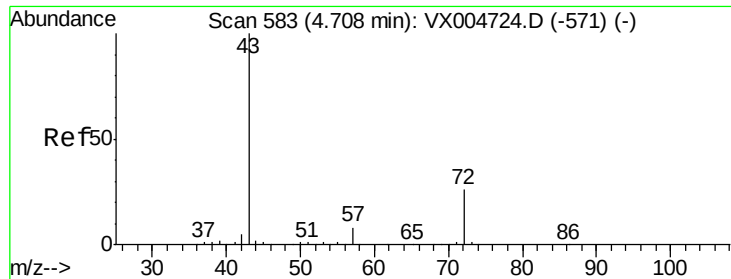
50000

0

3.60 3.70 3.80

Time-->

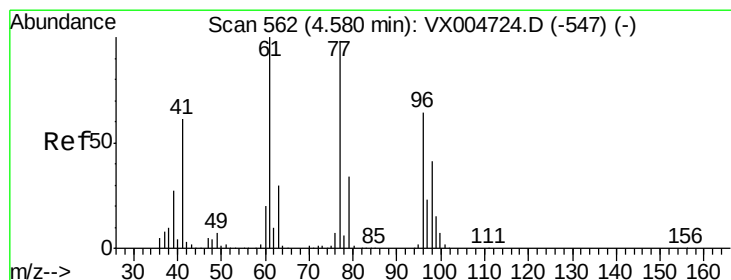
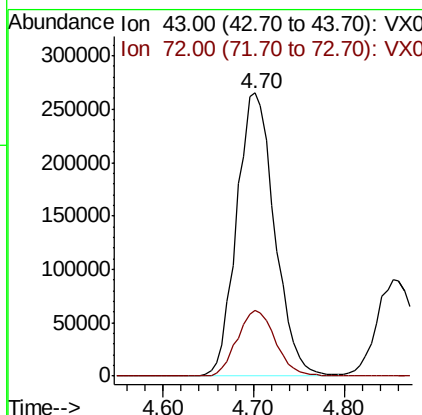
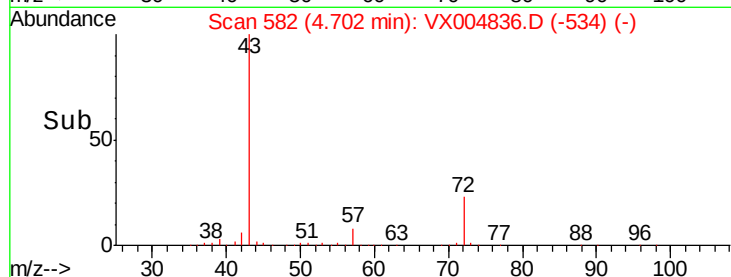
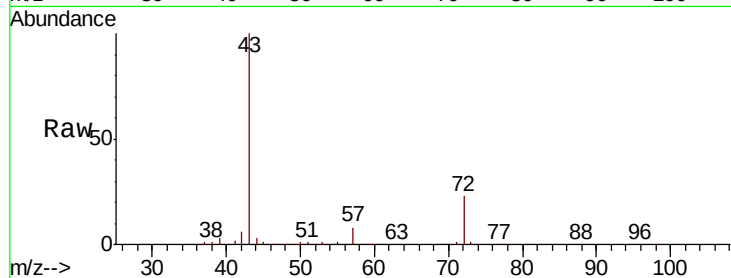




#25
2-Butanone
Concen: 274.652 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

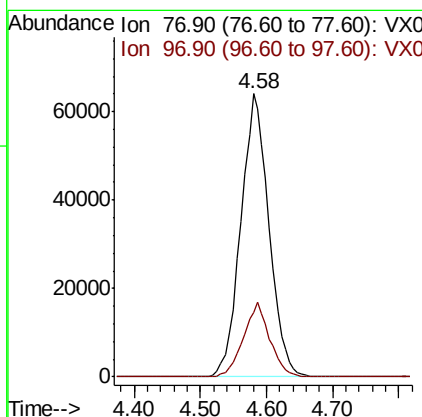
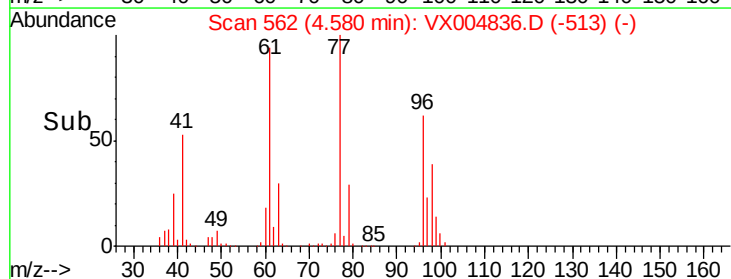
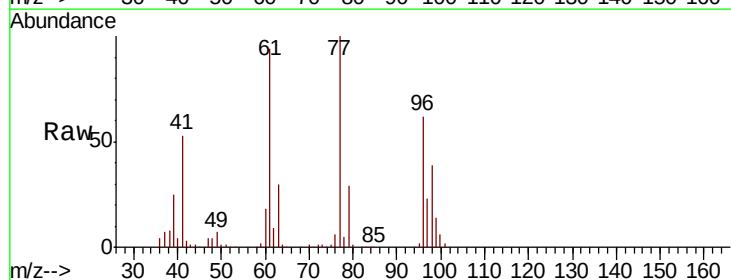
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

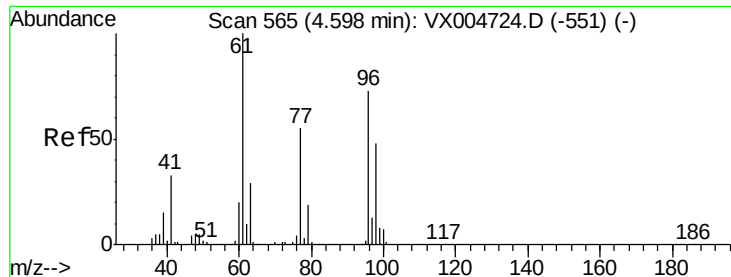
Tot Ion: 43 Resp: 765898
Ion Ratio Lower Upper
43 100
72 23.2 22.0 33.0



#26
2,2-Dichloropropane
Concen: 50.409 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion: 77 Resp: 189096
Ion Ratio Lower Upper
77 100
97 24.6 11.7 35.0



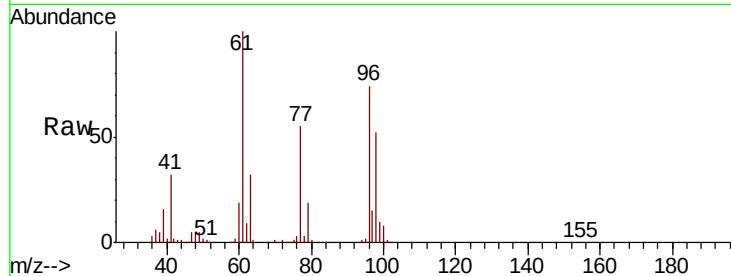


#27

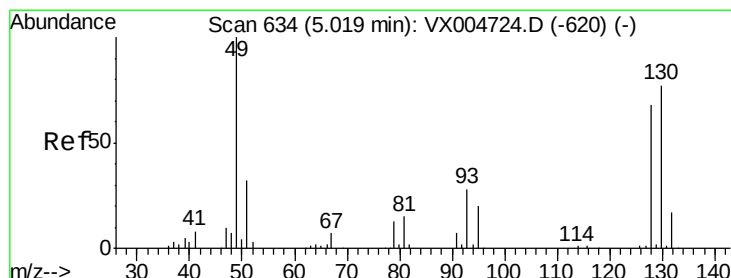
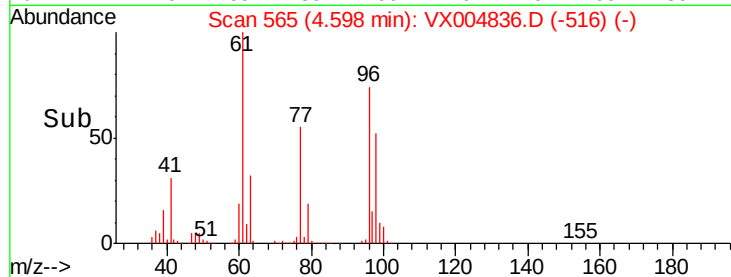
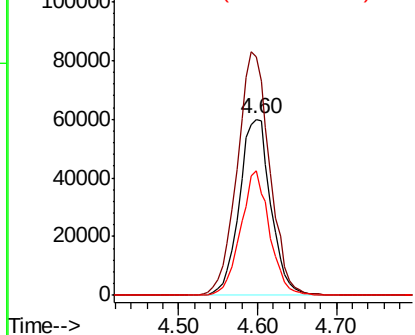
cis-1,2-Dichloroethene
 Concen: 55.478 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 166754
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 282.6
 98 64.9 0.0 130.2



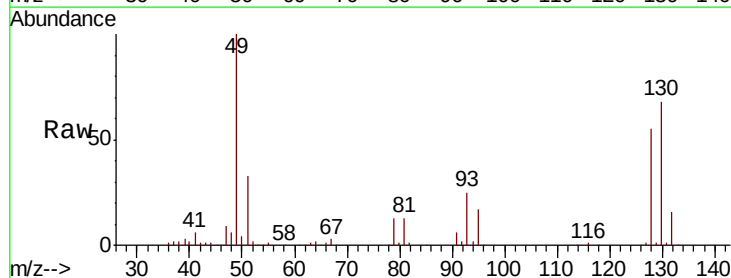
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



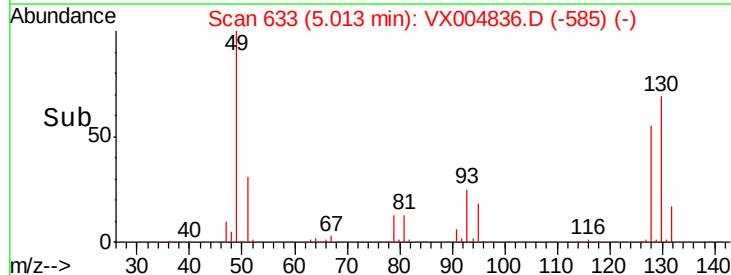
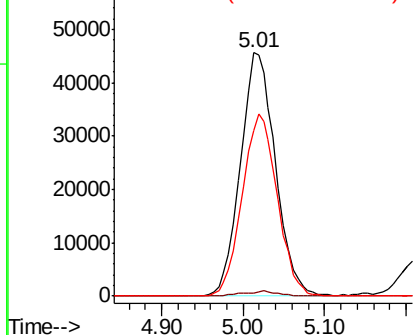
#28

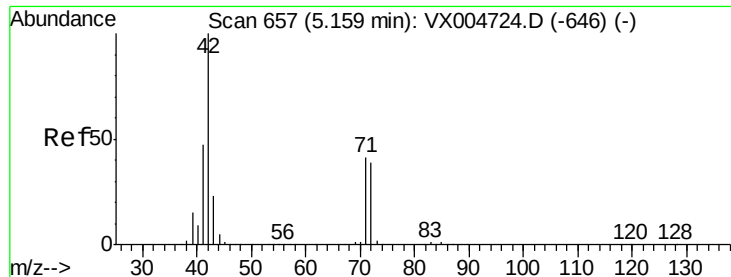
Bromochloromethane
 Concen: 53.589 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Tgt Ion: 49 Resp: 135942
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 74.9 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: 287.730 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

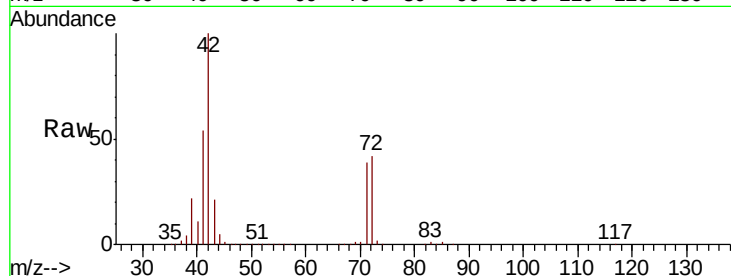
Tot Ion: 42 Resp: 498700

Ion Ratio Lower Upper

42 100

72 41.5 37.4 56.0

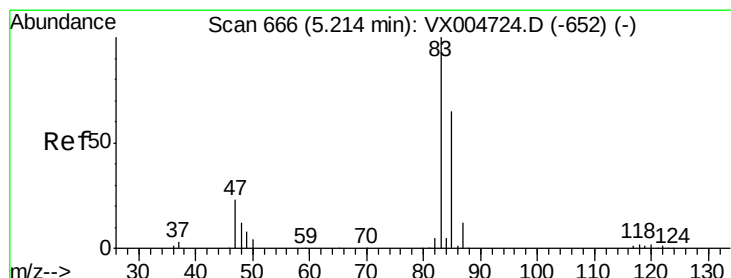
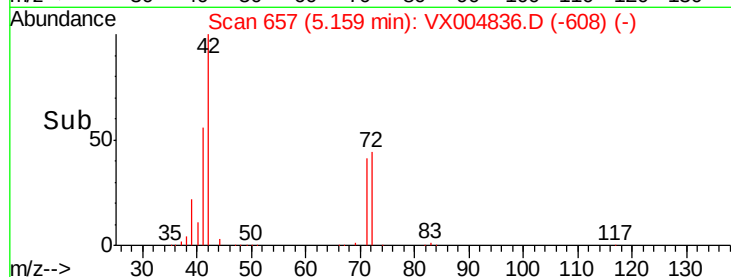
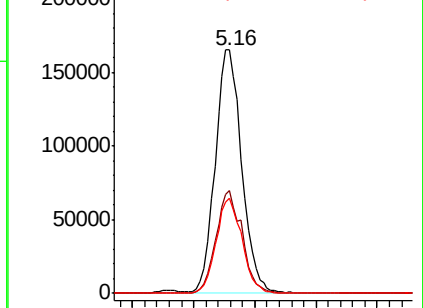
71 38.3 34.5 51.7



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: 55.584 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004836.D

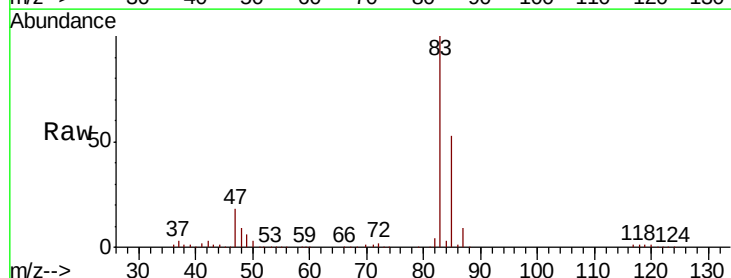
Acq: 28 Sep 2018 22:19

Tgt Ion: 83 Resp: 282989

Ion Ratio Lower Upper

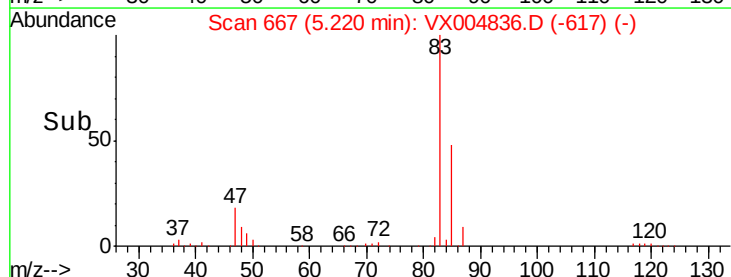
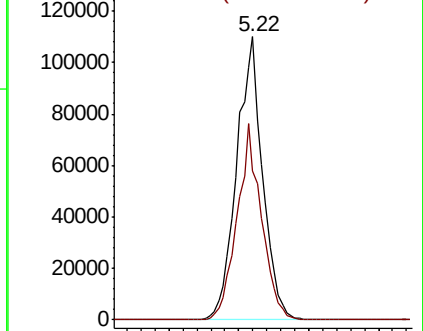
83 100

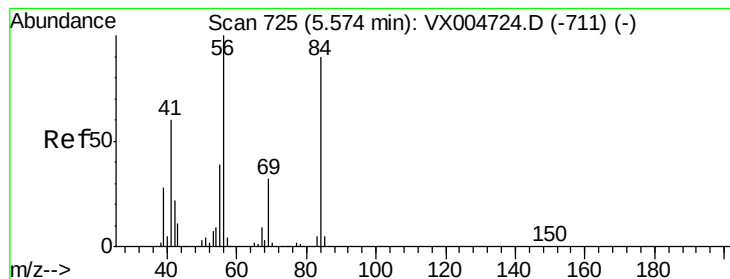
85 52.5 52.6 79.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 59.848 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

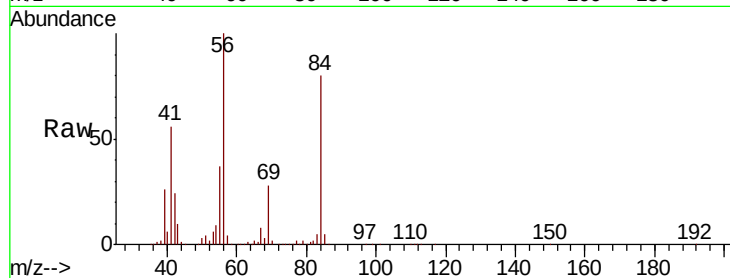
Tot Ion: 56 Resp: 246753

Ion Ratio Lower Upper

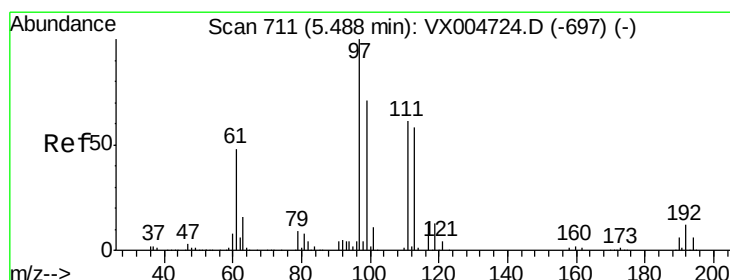
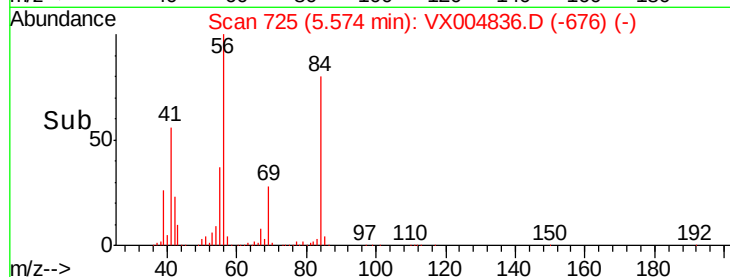
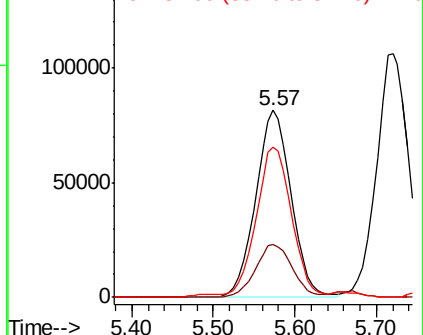
56 100

69 28.4 25.4 38.2

84 79.6 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: 54.828 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

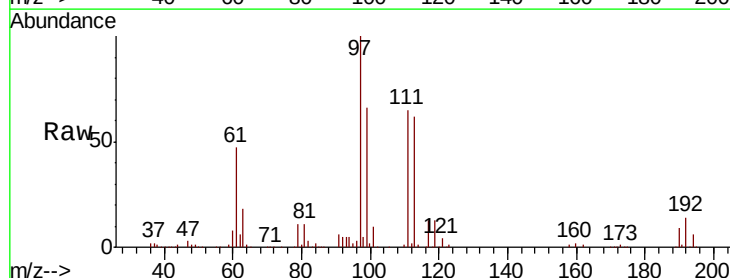
Tgt Ion: 97 Resp: 227969

Ion Ratio Lower Upper

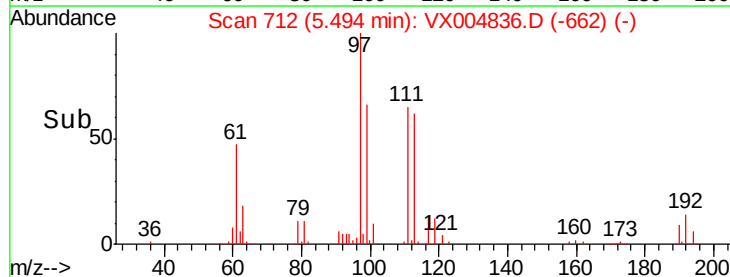
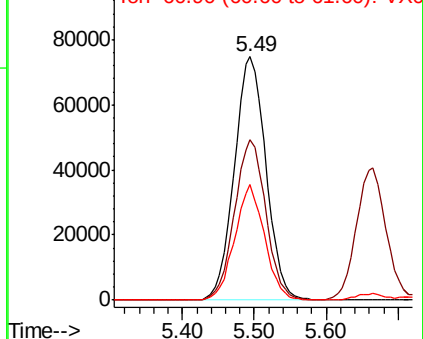
97 100

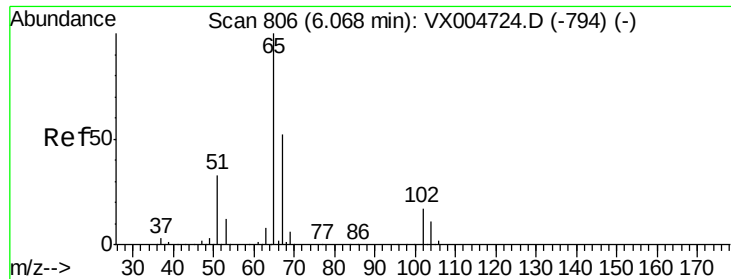
99 65.1 52.0 78.0

61 44.8 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

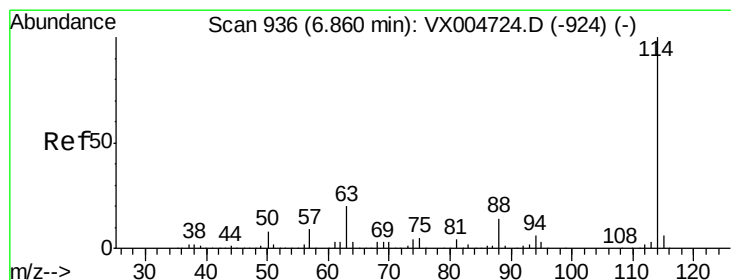
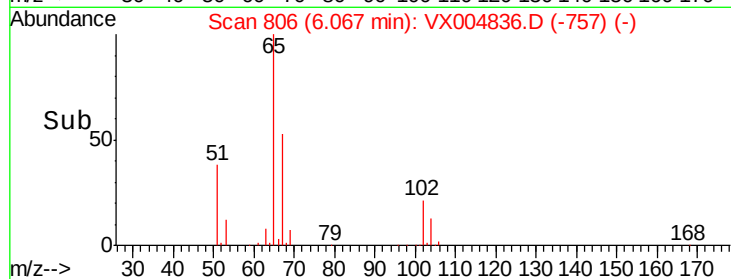
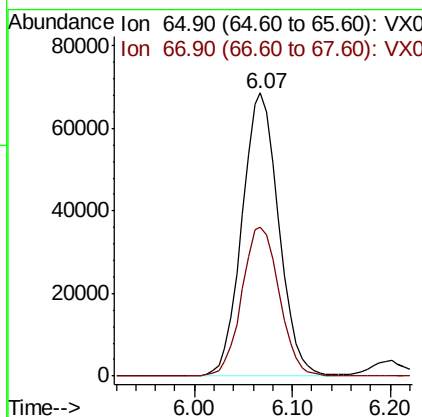
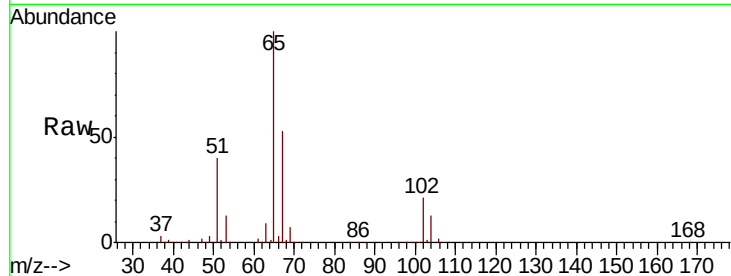




#33
 1,2-Dichloroethane-d4
 Concen: 55.041 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

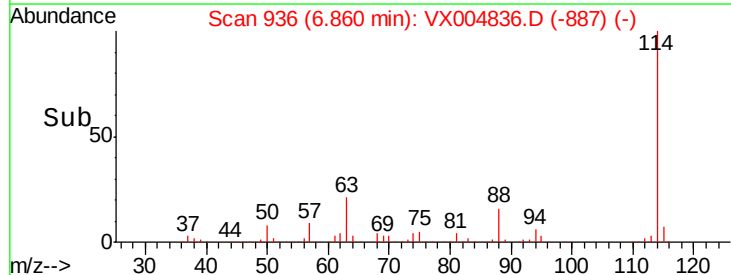
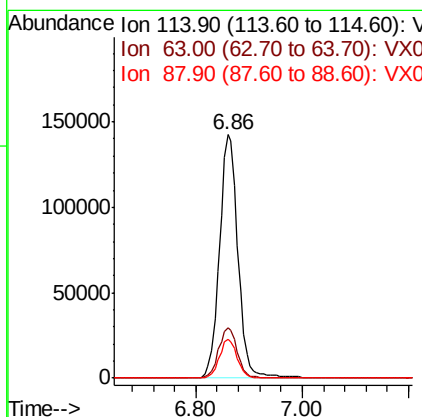
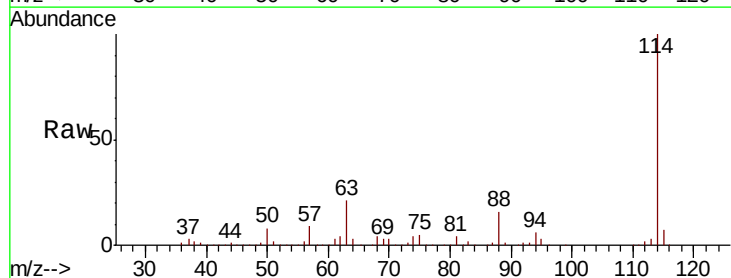
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

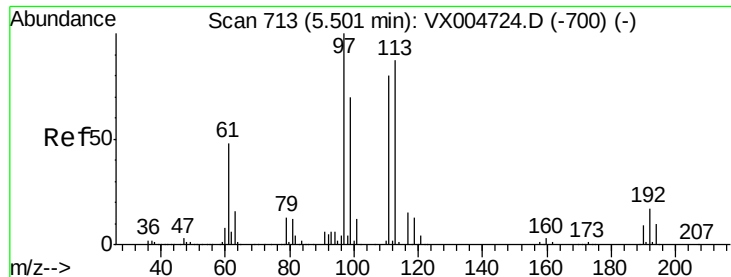
Tot Ion: 65 Resp: 178357
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Tgt Ion: 114 Resp: 345287
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.688 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

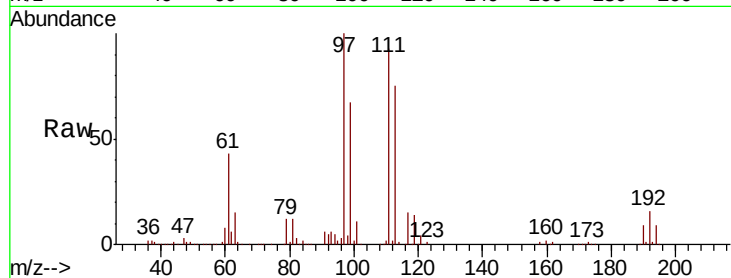
Tot Ion:113 Resp: 145406

Ion Ratio Lower Upper

113 100

111 105.9 82.4 123.6

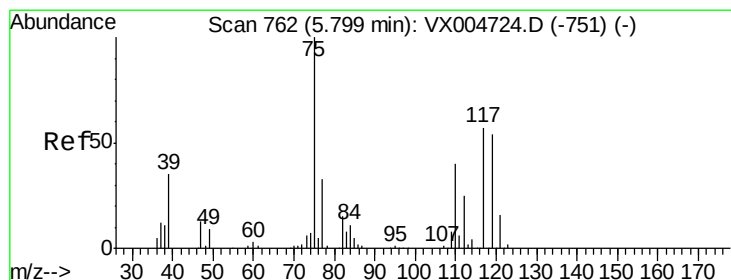
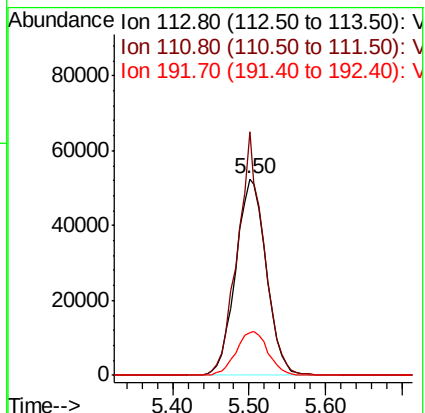
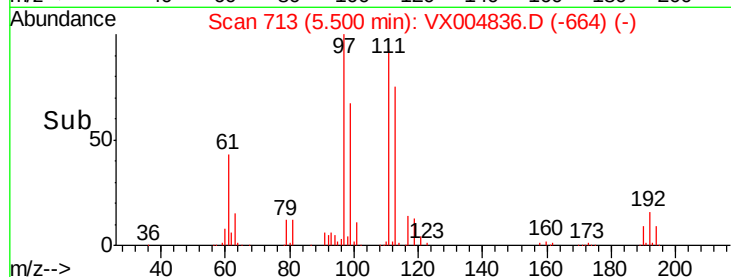
192 23.2 19.4 29.2



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: 55.109 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

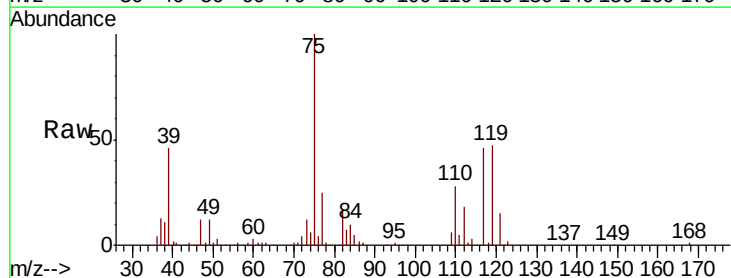
Tgt Ion: 75 Resp: 220028

Ion Ratio Lower Upper

75 100

110 33.5 18.0 54.0

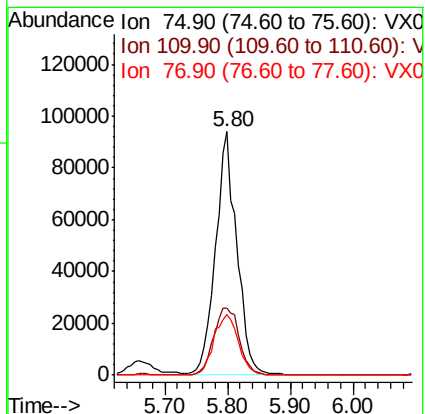
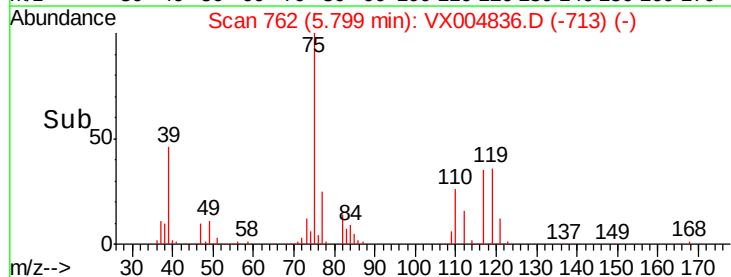
77 29.2 24.6 36.8

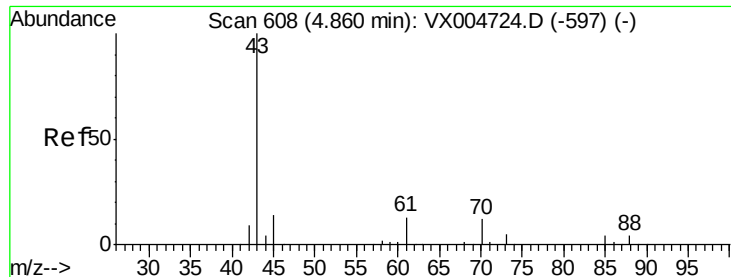


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.672 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

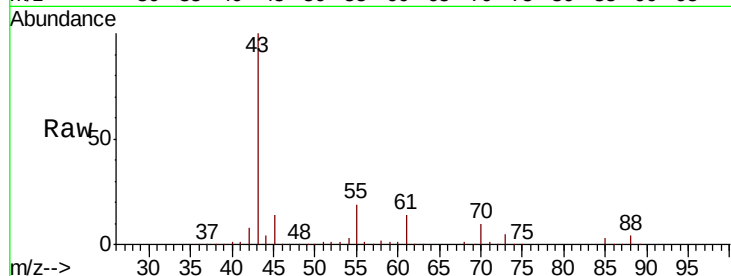
Tot Ion: 43 Resp: 268553

Ion Ratio Lower Upper

43 100

61 14.0 11.5 17.3

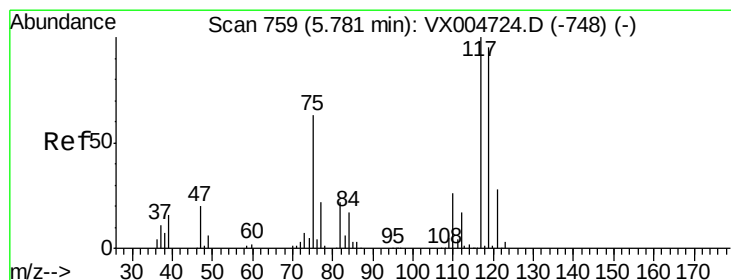
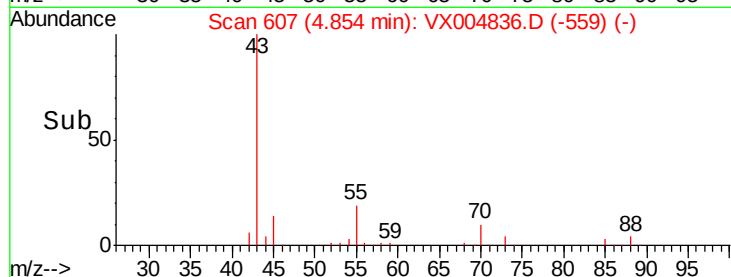
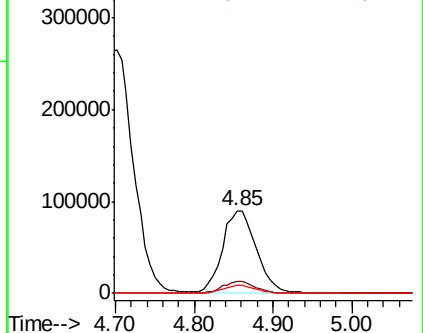
70 9.7 9.0 13.6



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: 48.640 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

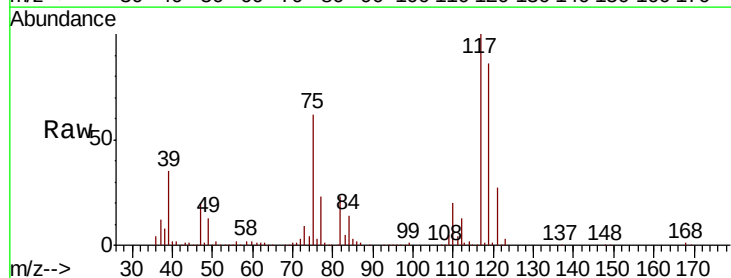
Tgt Ion: 117 Resp: 204139

Ion Ratio Lower Upper

117 100

119 85.5 78.8 118.2

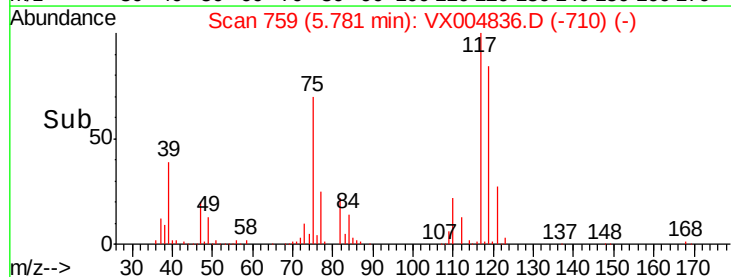
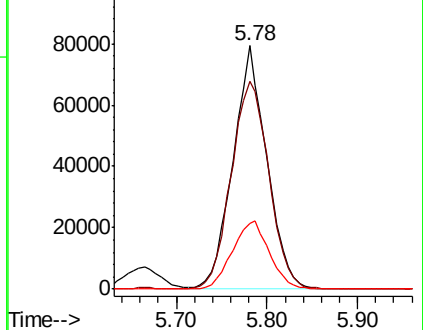
121 27.3 24.9 37.3

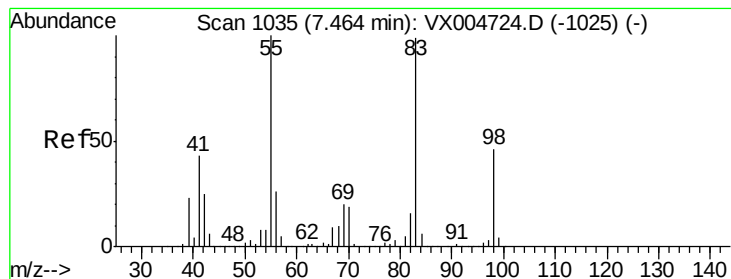


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylvlcyclohexane

Concen: 57.349 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

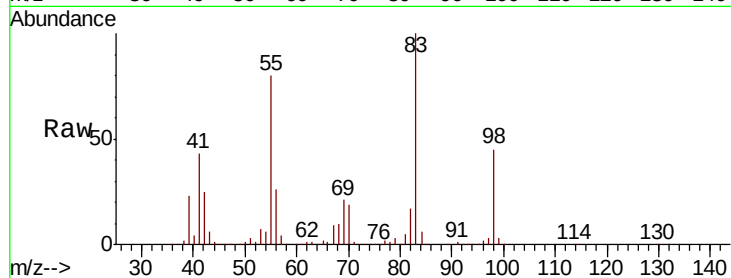
Tot Ion: 83 Resp: 233807

Ion Ratio Lower Upper

83 100

55 79.6 61.0 91.4

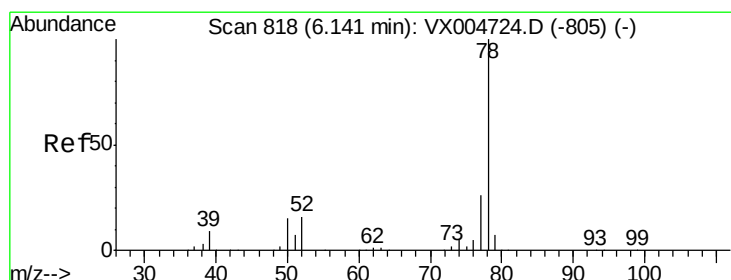
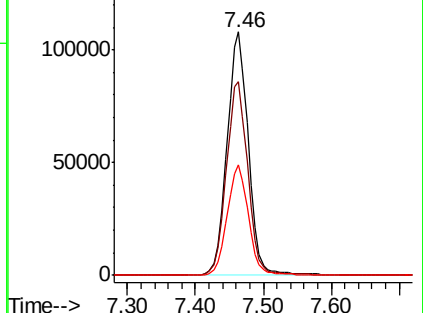
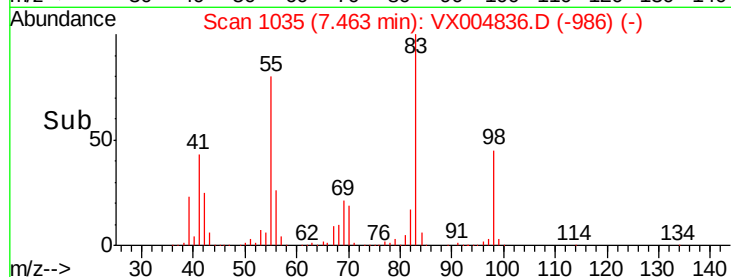
98 45.2 39.6 59.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 48.943 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004836.D

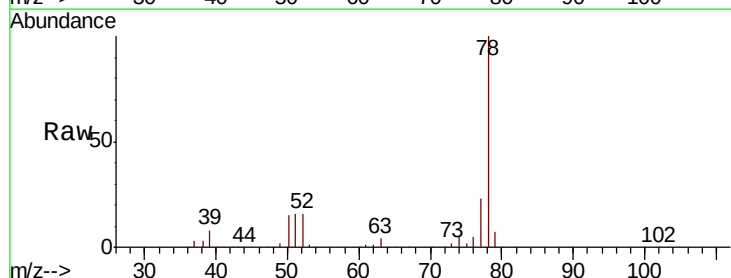
Acq: 28 Sep 2018 22:19

Tgt Ion: 78 Resp: 611776

Ion Ratio Lower Upper

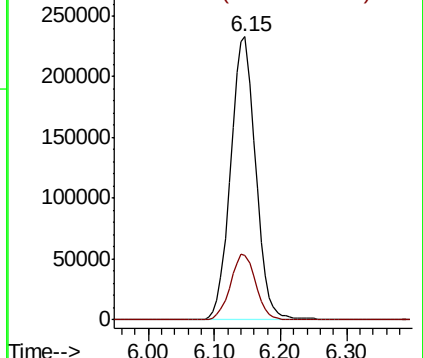
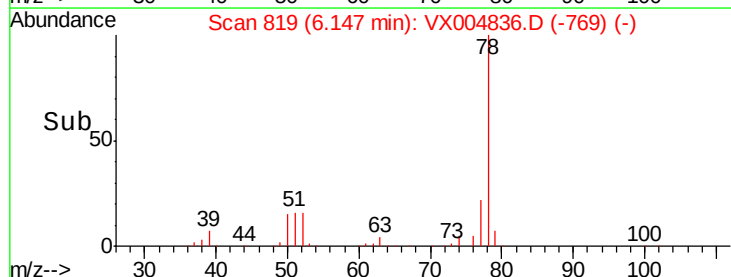
78 100

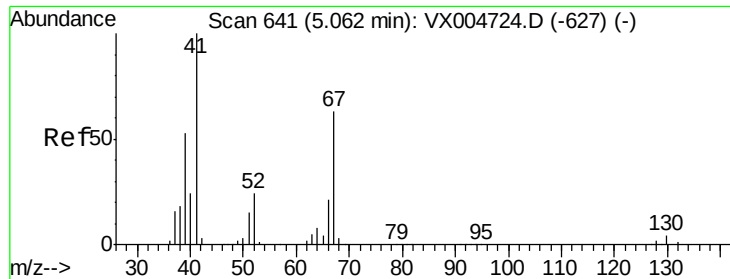
77 22.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

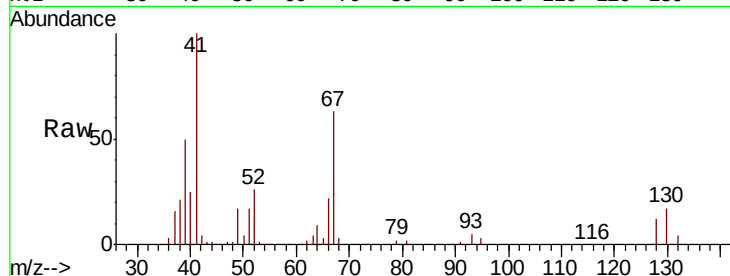




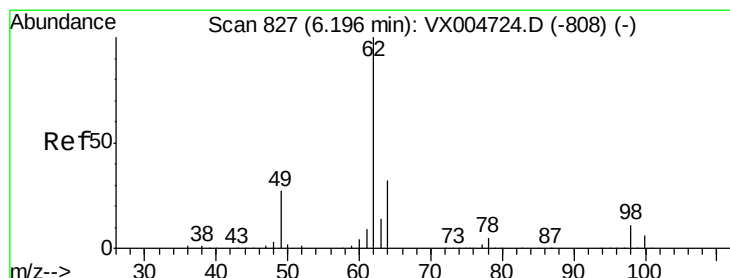
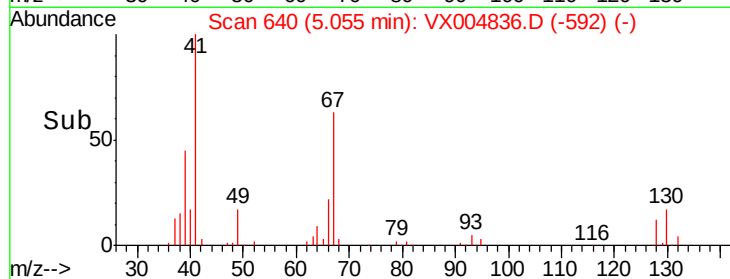
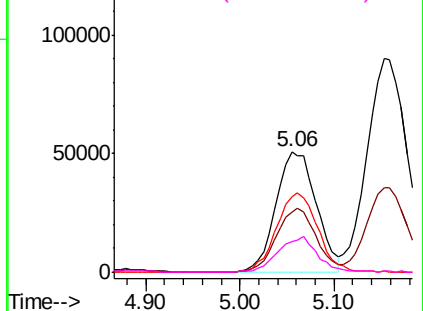
#41
Methacrylonitrile
Concen: 51.505 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	151382
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.4	63.6
67	67.4	59.2	88.8
52	28.7	23.0	34.4

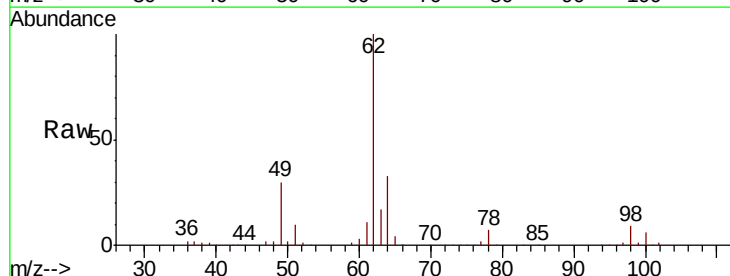


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

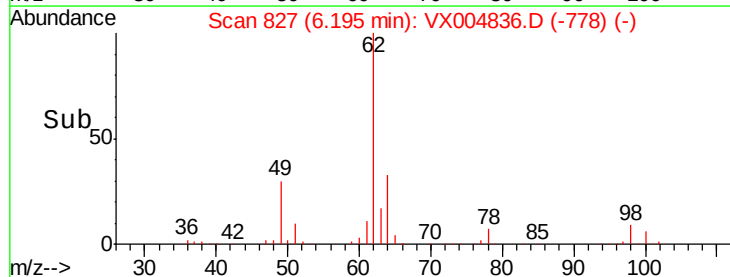
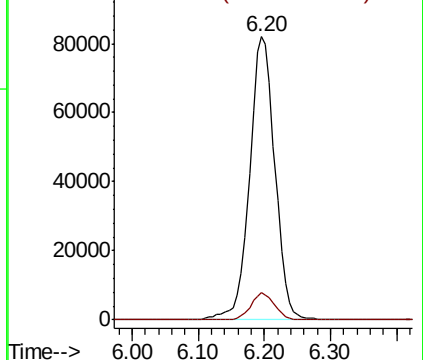


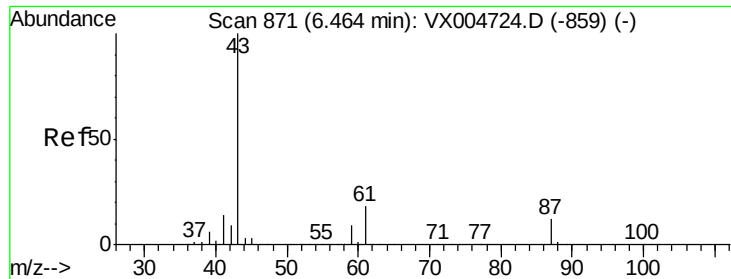
#42
1,2-Dichloroethane
Concen: 49.352 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion:	62	Resp:	218075
Ion	Ratio	Lower	Upper
62	100		
98	9.0	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: 52.058 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

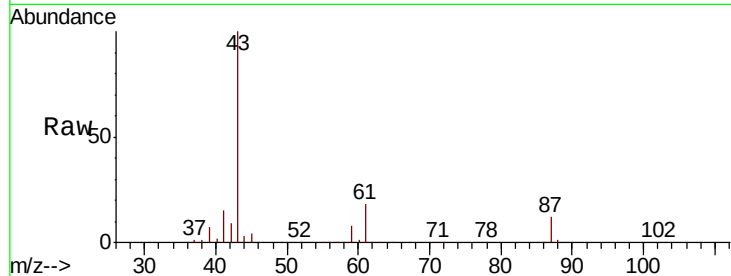
Tot Ion: 43 Resp: 398221

Ion Ratio Lower Upper

43 100

61 19.7 17.0 25.4

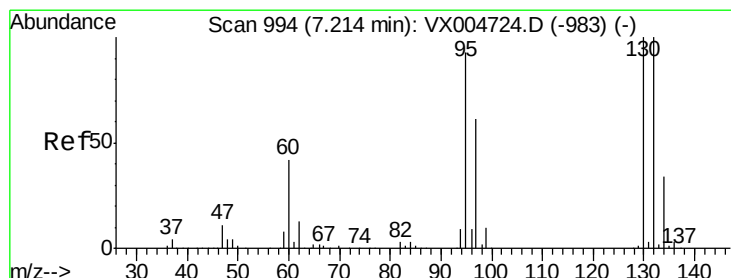
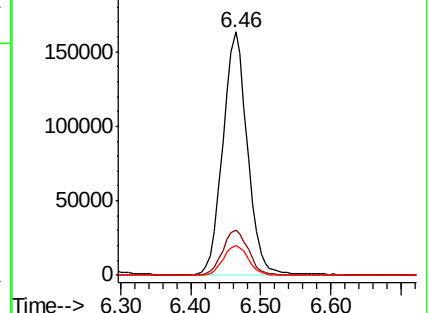
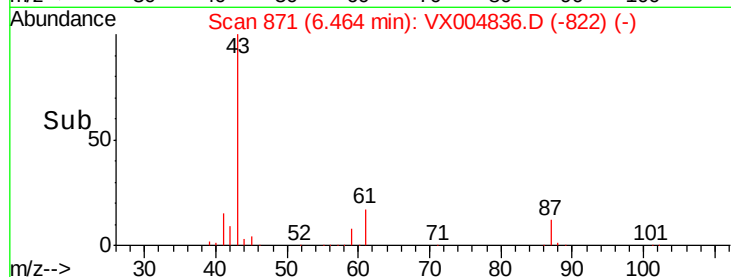
87 12.7 11.4 17.2



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: 52.456 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004836.D

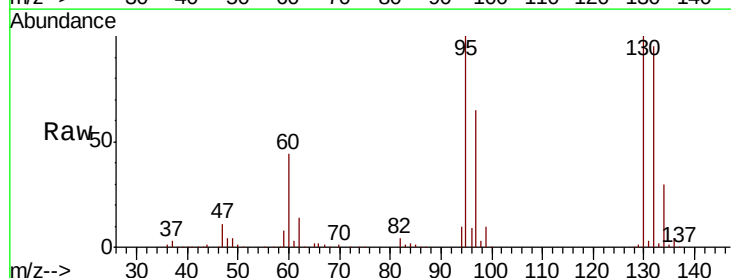
Acq: 28 Sep 2018 22:19

Tgt Ion:130 Resp: 161187

Ion Ratio Lower Upper

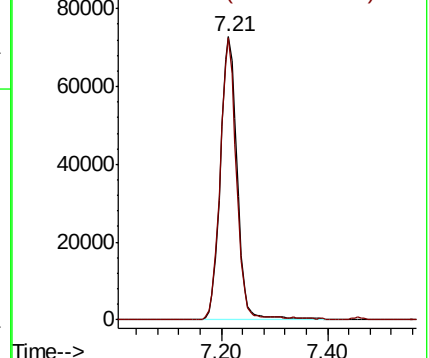
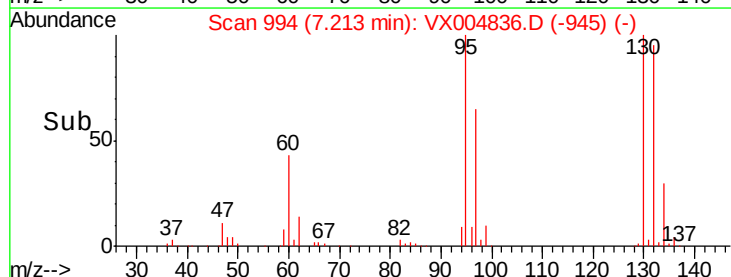
130 100

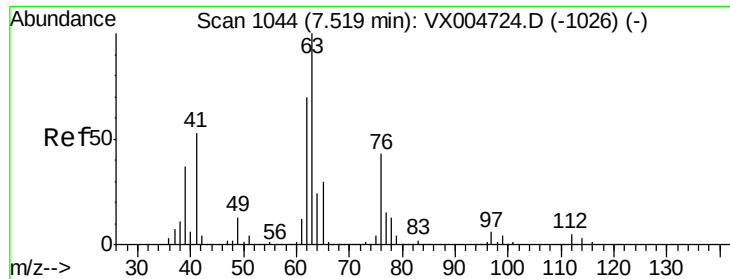
95 99.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.801 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

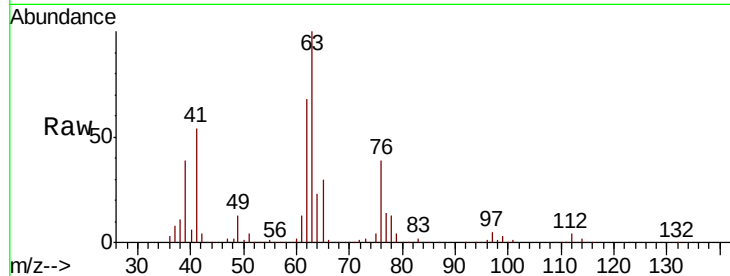
VSTDCCC050

Tot Ion: 63 Resp: 164918

Ion Ratio Lower Upper

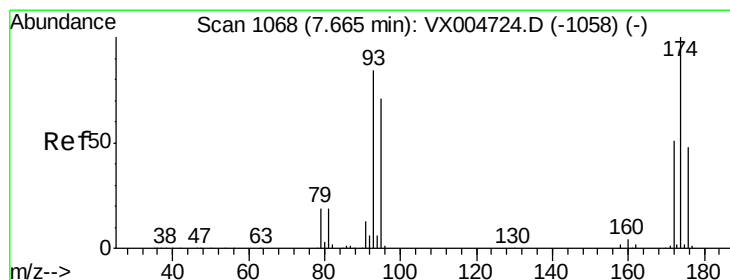
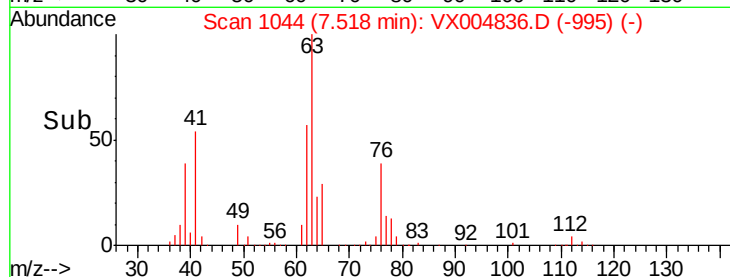
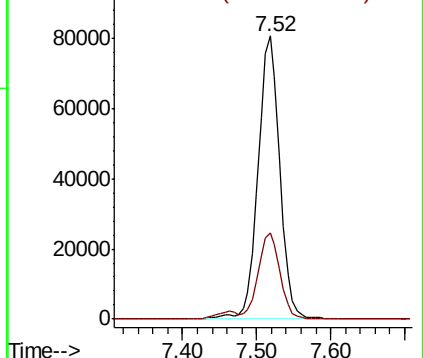
63 100

65 30.3 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: 54.061 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

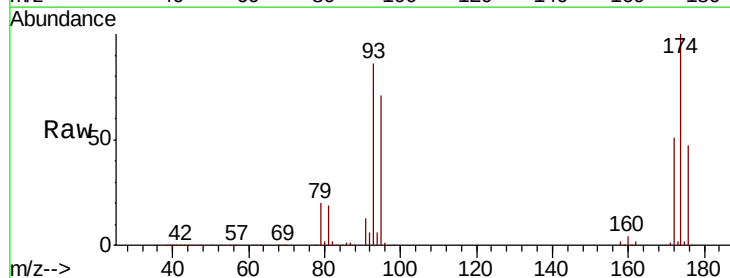
Tgt Ion: 93 Resp: 104145

Ion Ratio Lower Upper

93 100

95 83.7 65.5 98.3

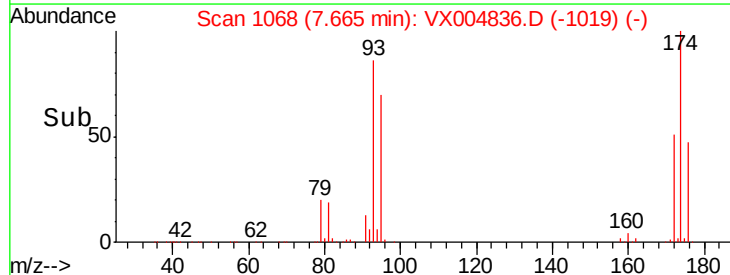
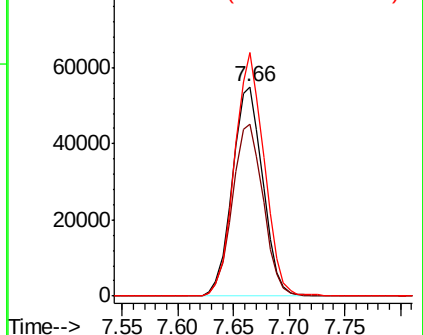
174 113.4 94.2 141.4

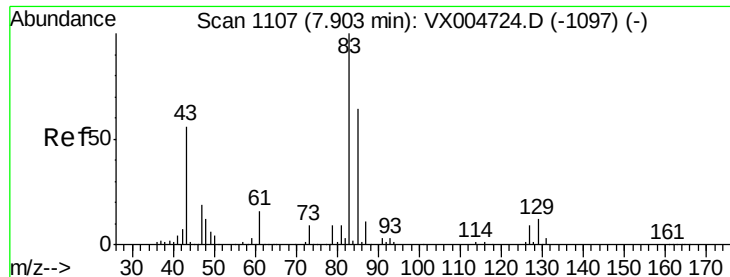


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.187 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

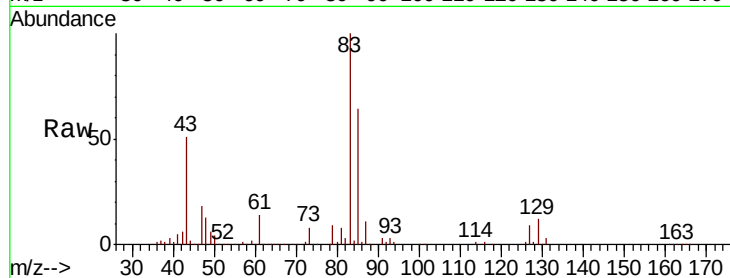
Tot Ion: 83 Resp: 199047

Ion Ratio Lower Upper

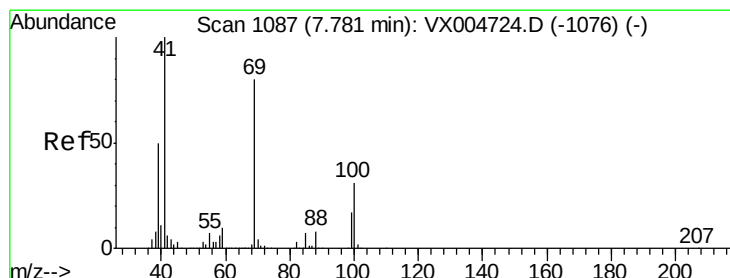
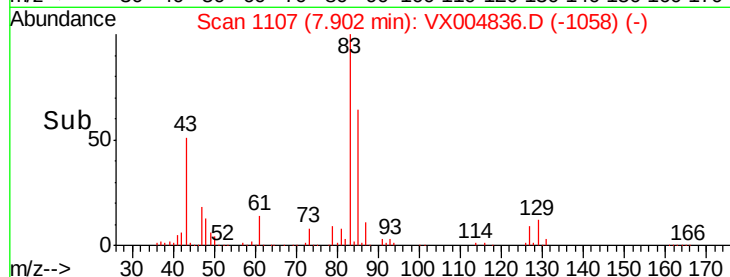
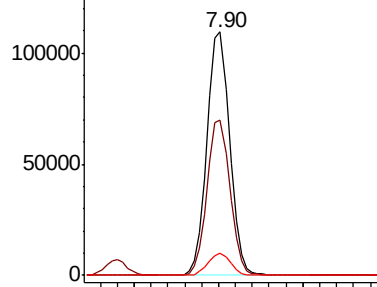
83 100

85 63.9 50.9 76.3

127 8.9 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: 60.223 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

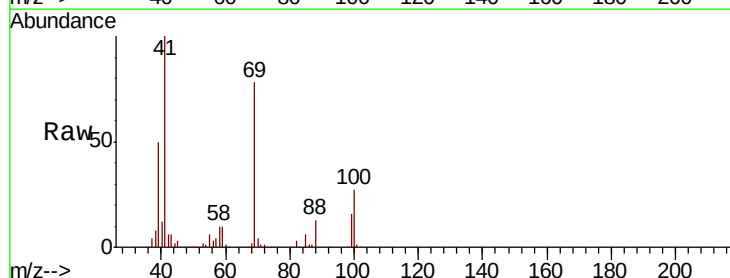
Tgt Ion: 41 Resp: 209095

Ion Ratio Lower Upper

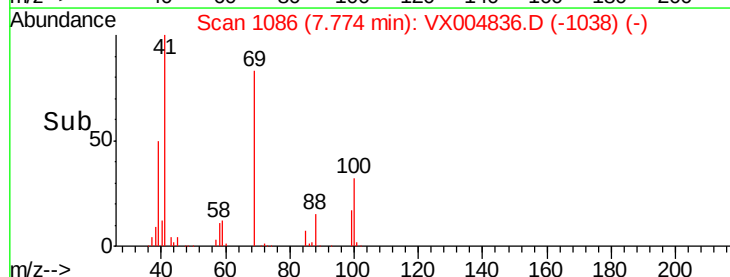
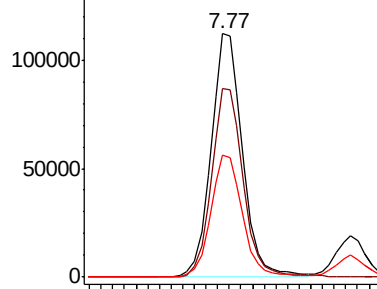
41 100

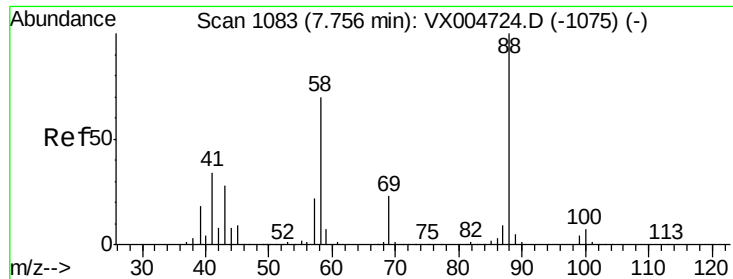
69 79.0 70.2 105.4

39 50.4 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

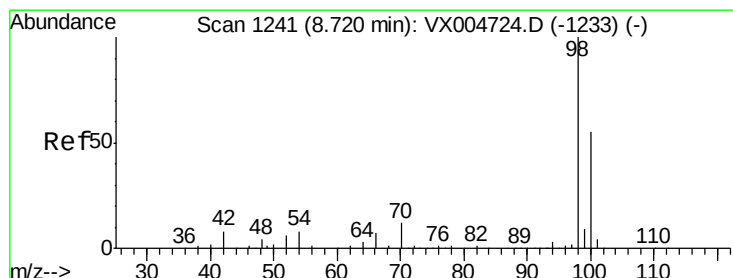
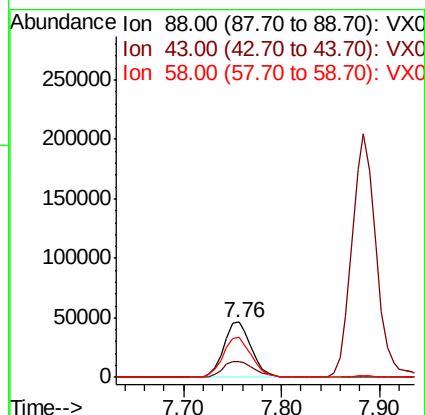
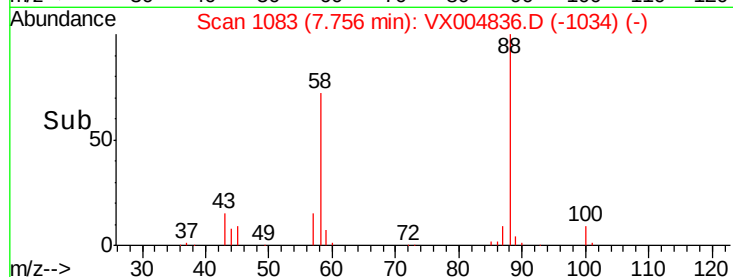
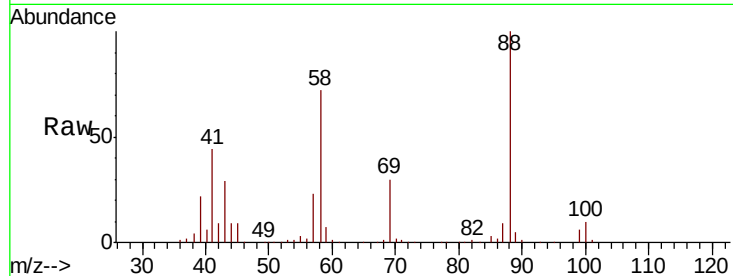




#49
1,4-Dioxane
Concen: 1053.956 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

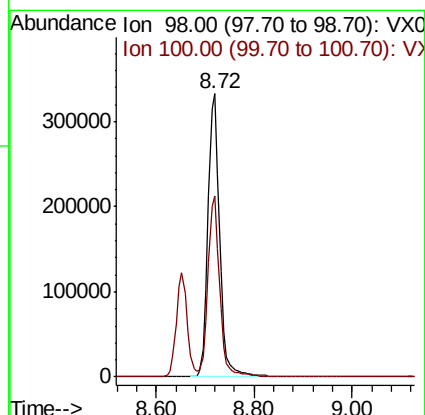
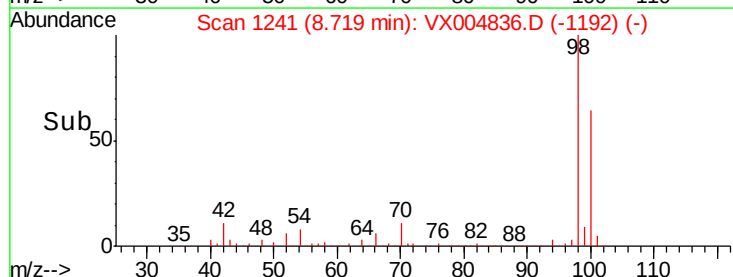
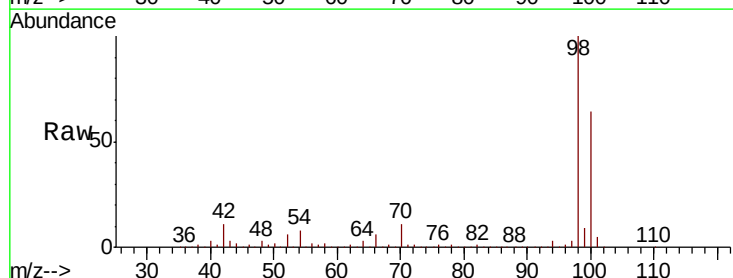
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

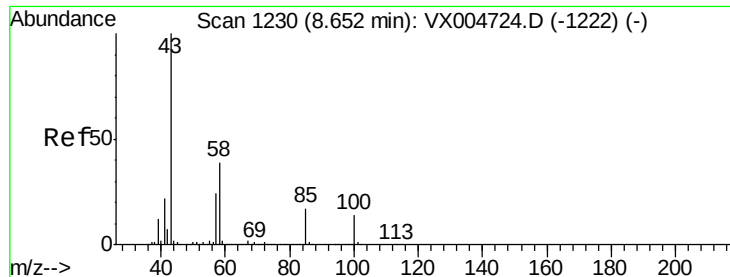
Tot Ion: 88 Resp: 90912
Ion Ratio Lower Upper
88 100
43 34.1 24.7 37.1
58 74.3 55.3 82.9



#50
Toluene-d8
Concen: 57.026 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion: 98 Resp: 554781
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 290.658 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

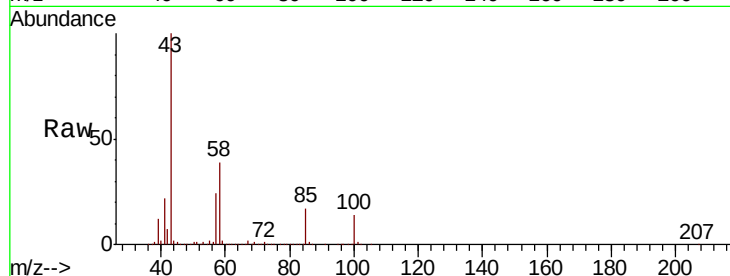
VSTDCCC050

Tot Ion: 43 Resp: 1399946

Ion Ratio Lower Upper

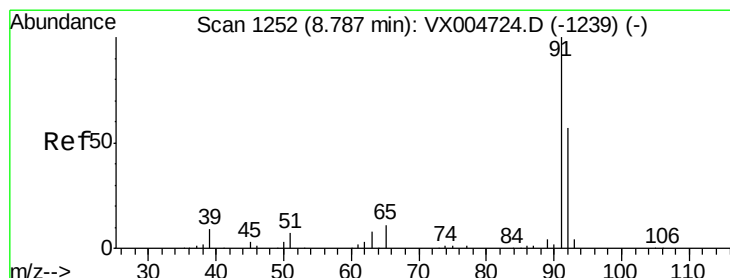
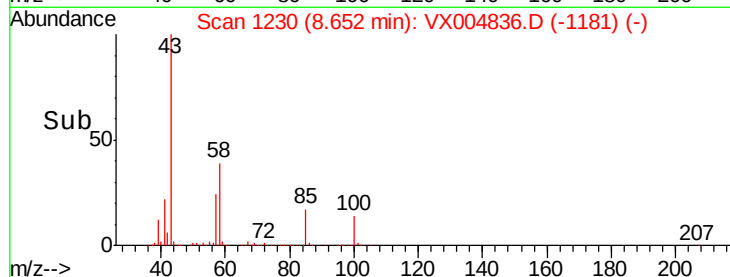
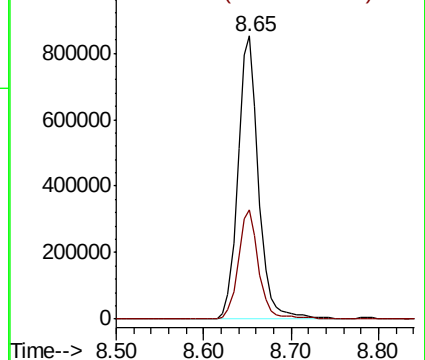
43 100

58 38.6 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.996 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004836.D

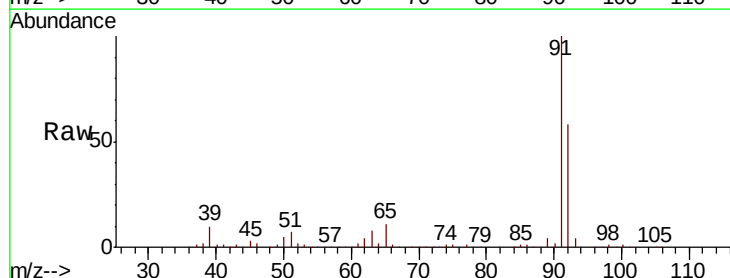
Acq: 28 Sep 2018 22:19

Tgt Ion: 92 Resp: 377735

Ion Ratio Lower Upper

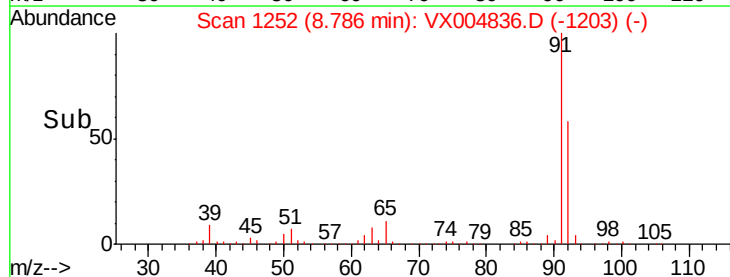
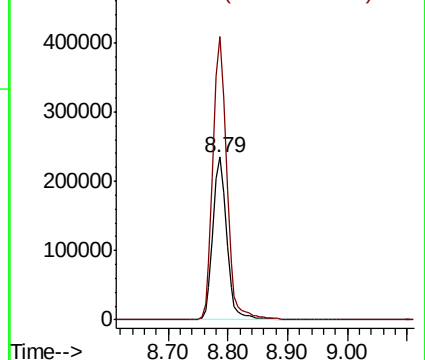
92 100

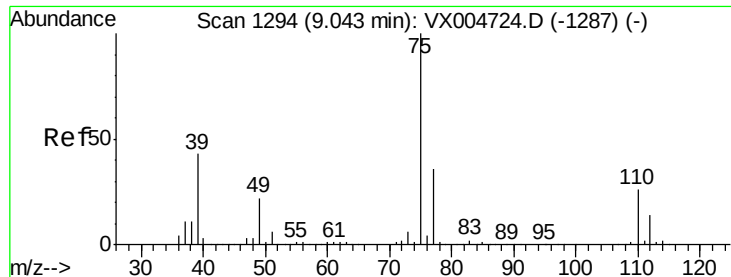
91 173.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.578 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

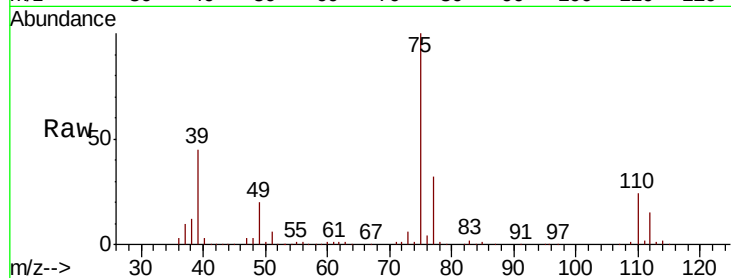
VSTDCCC050

Tot Ion: 75 Resp: 222451

Ion Ratio Lower Upper

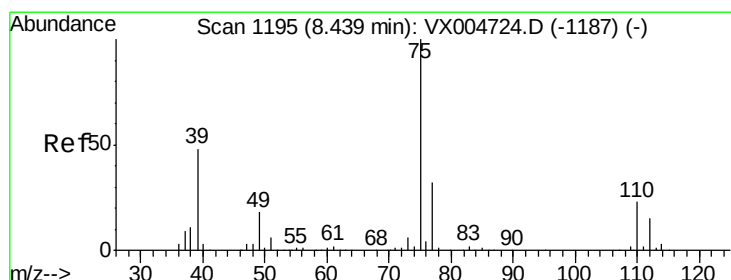
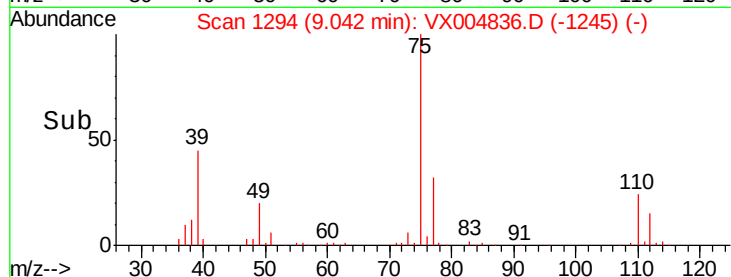
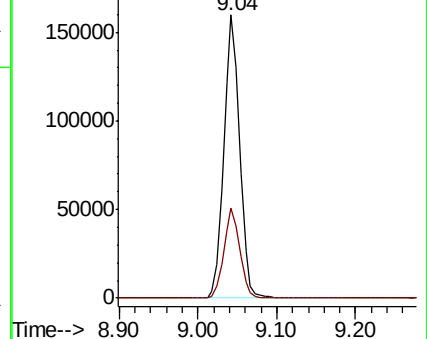
75 100

77 32.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 56.510 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

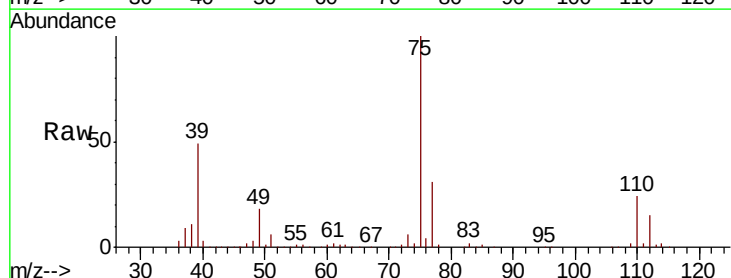
Tgt Ion: 75 Resp: 241247

Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

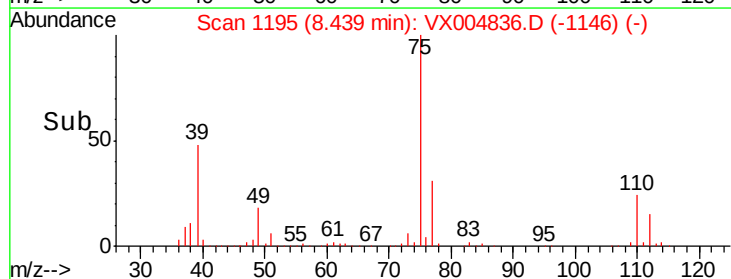
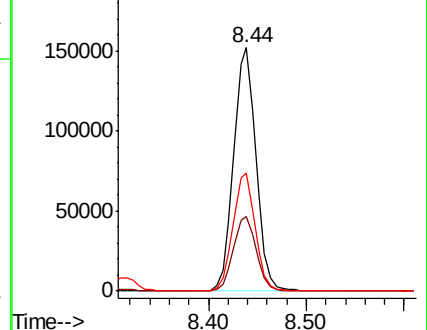
39 48.4 36.4 54.6

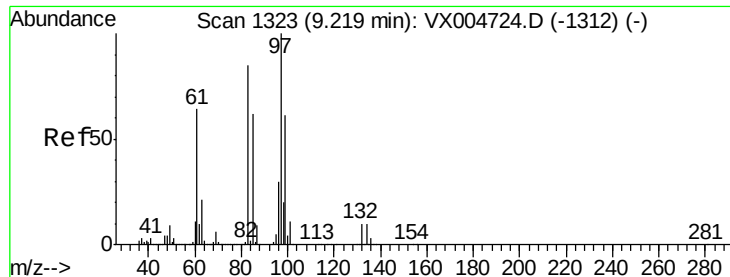


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

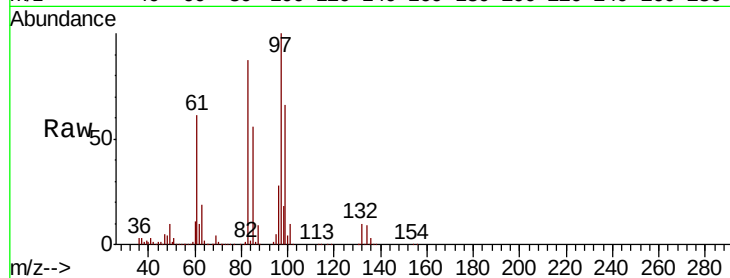




#55
 1,1,2-Trichloroethane
 Concen: 51.533 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	155041
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.4	99.6
85	56.5	43.3	64.9
99	66.0	49.0	73.4



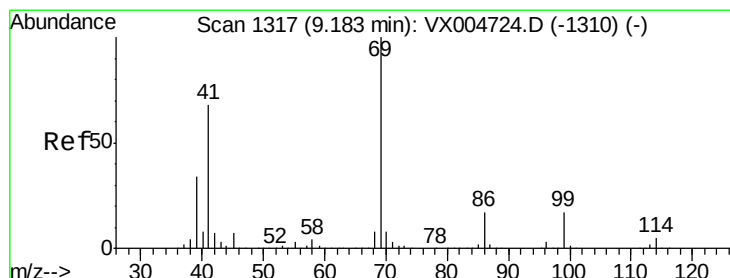
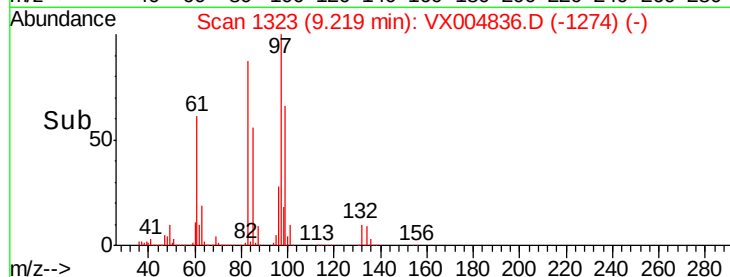
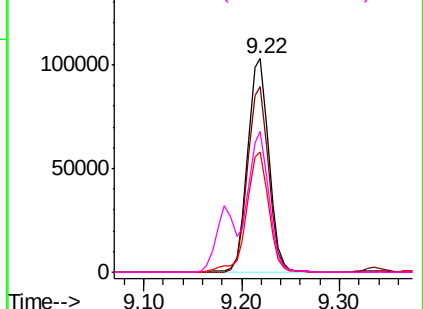
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

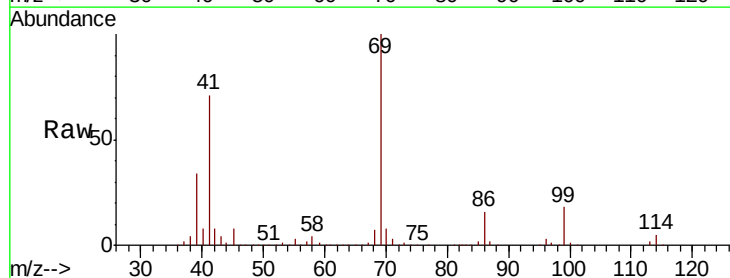
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 50.657 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Tgt Ion:	69	Resp:	247507
Ion	Ratio	Lower	Upper
69	100		
41	70.4	51.0	76.4
39	34.2	26.1	39.1

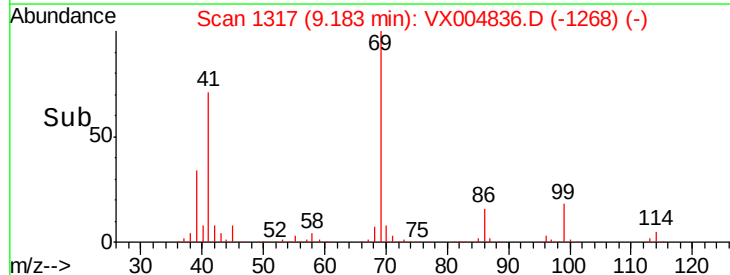
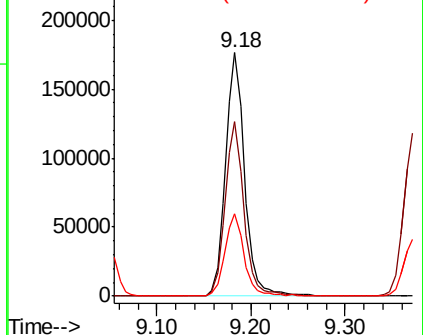


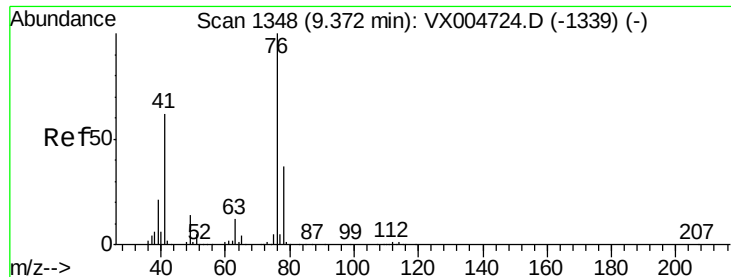
Abundance

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: 52.746 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

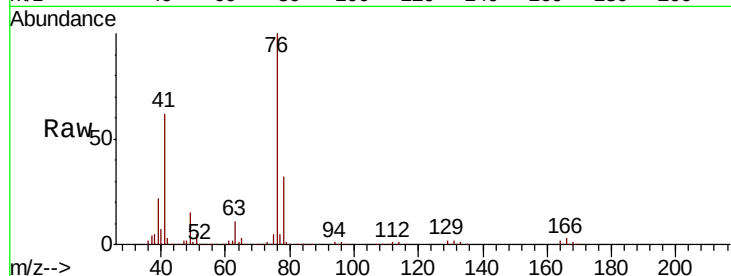
VSTDCCC050

Tot Ion: 76 Resp: 264114

Ion Ratio Lower Upper

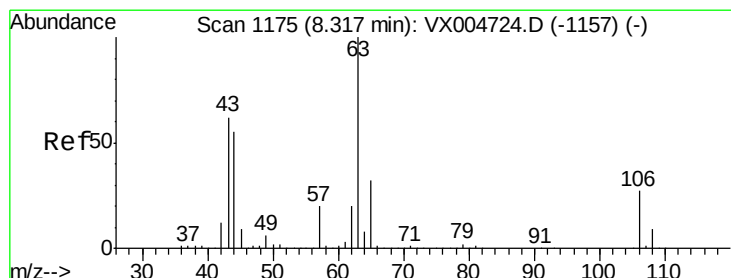
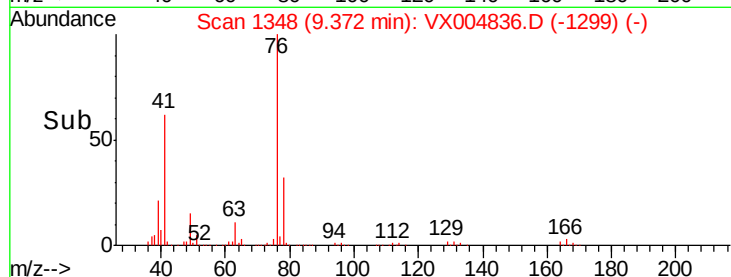
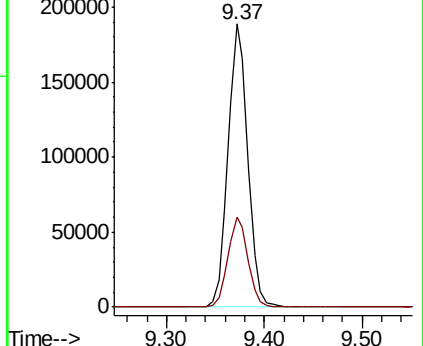
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 267.225 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004836.D

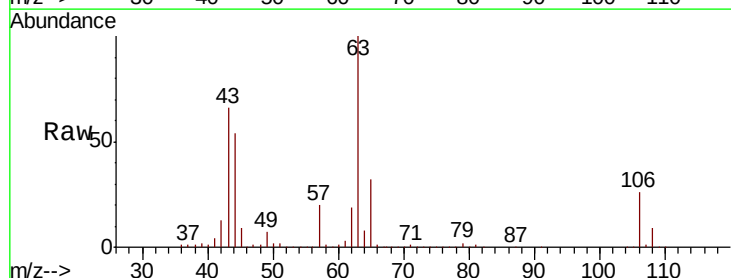
Acq: 28 Sep 2018 22:19

Tgt Ion: 63 Resp: 695429

Ion Ratio Lower Upper

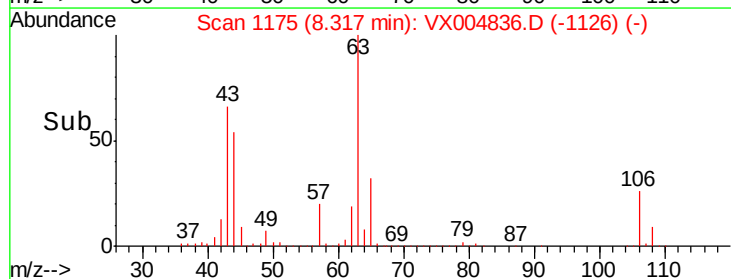
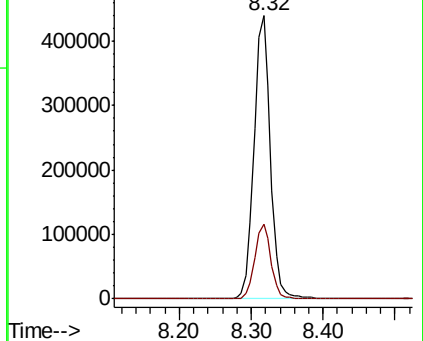
63 100

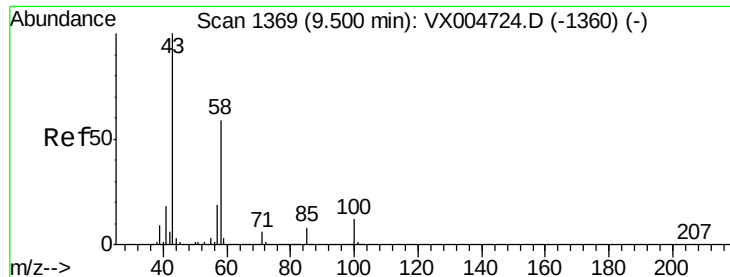
106 26.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

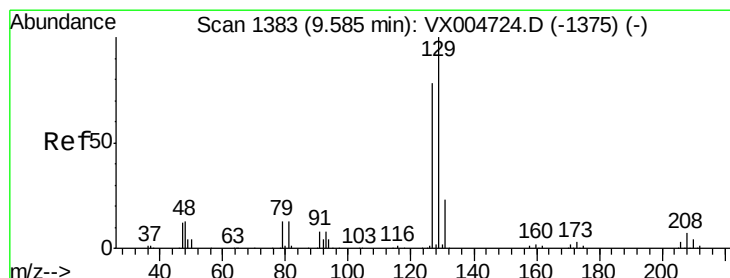
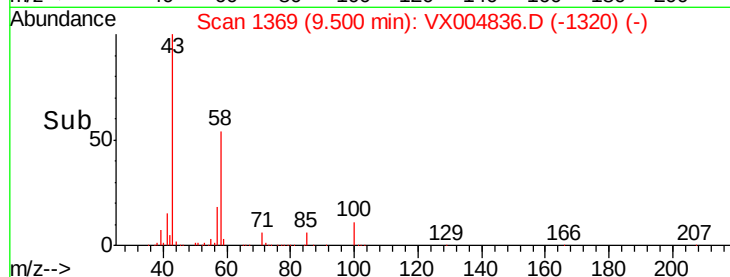
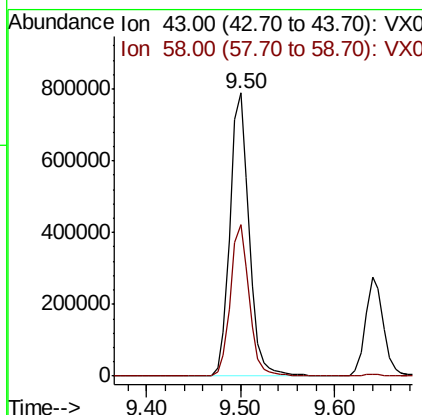
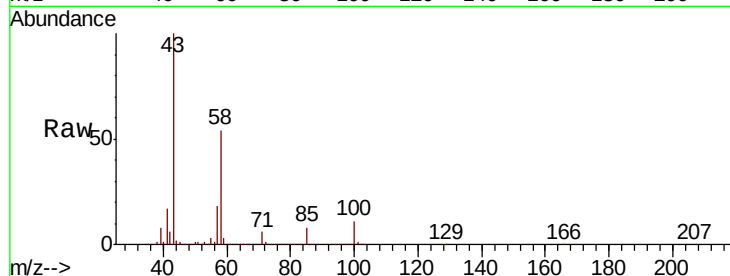




#59
2-Hexanone
Concen: 277.532 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

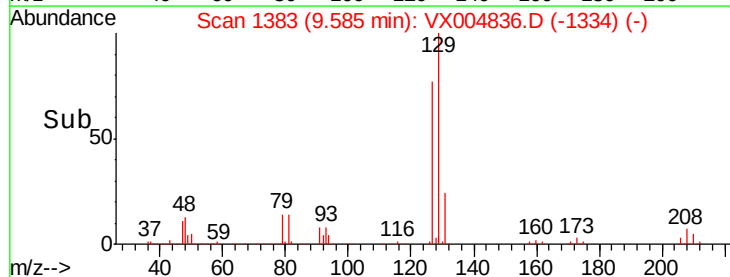
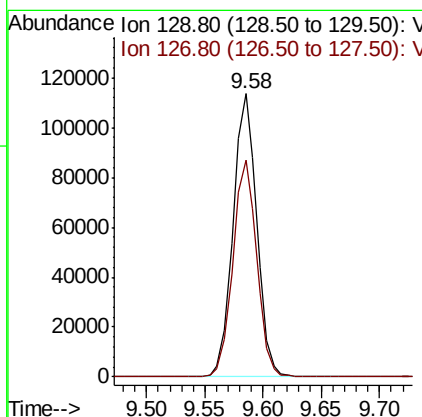
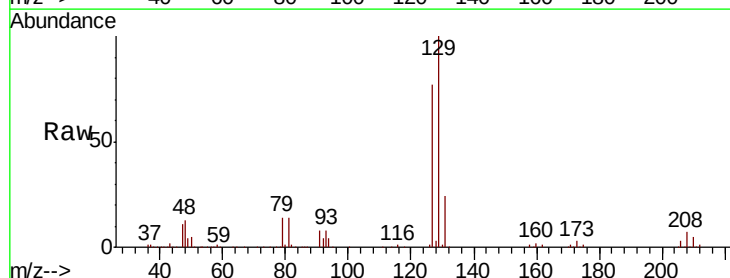
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

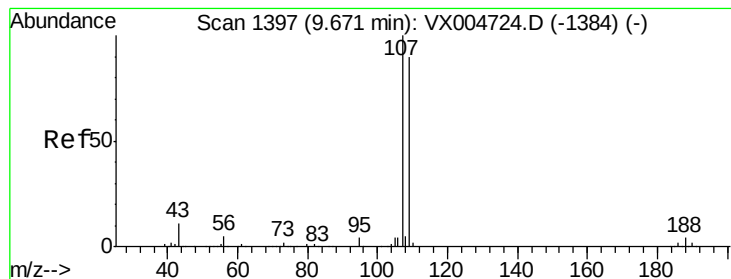
Tot Ion: 43 Resp: 1113917
Ion Ratio Lower Upper
43 100
58 52.8 29.0 87.0



#60
Dibromochloromethane
Concen: 53.503 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion: 129 Resp: 160980
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.932 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

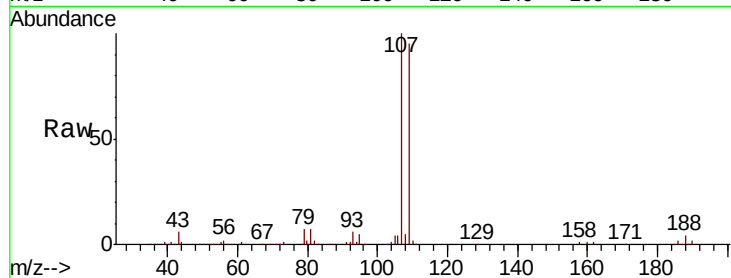
VSTDCCC050

Tot Ion:107 Resp: 160882

Ion Ratio Lower Upper

107 100

109 95.0 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

120000

100000

80000

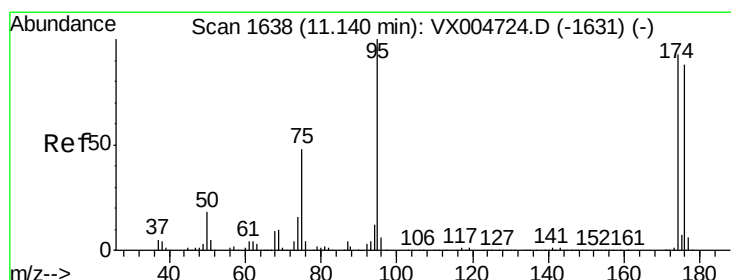
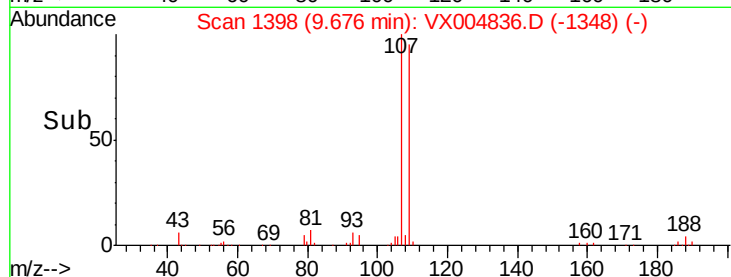
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 58.322 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

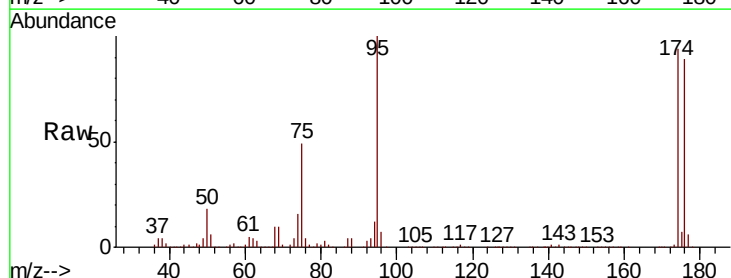
Tgt Ion: 95 Resp: 204408

Ion Ratio Lower Upper

95 100

174 89.9 0.0 185.2

176 87.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

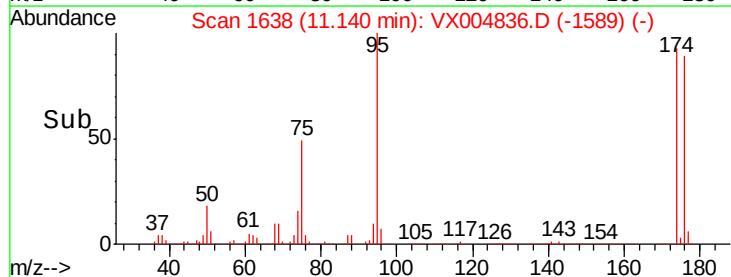
150000

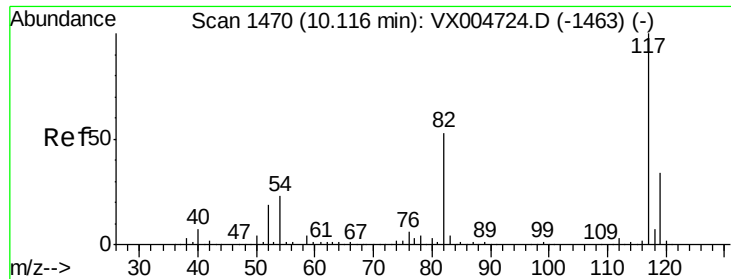
100000

50000

0

Time-->

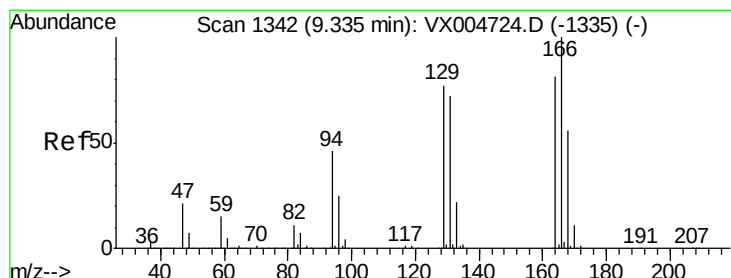
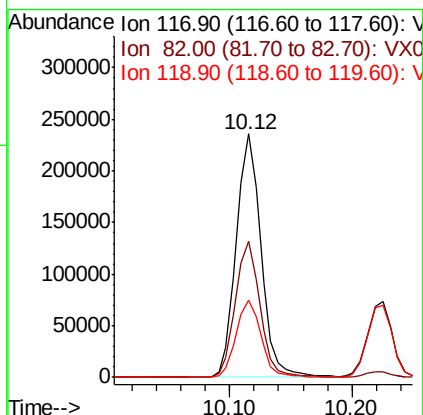
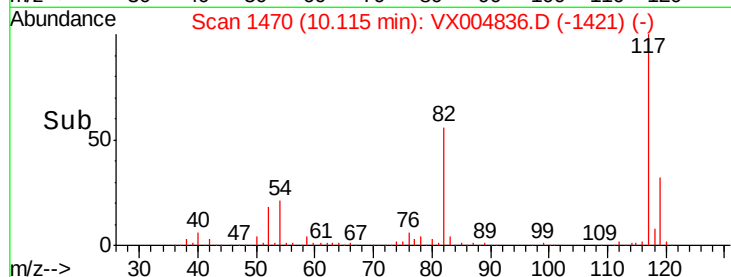
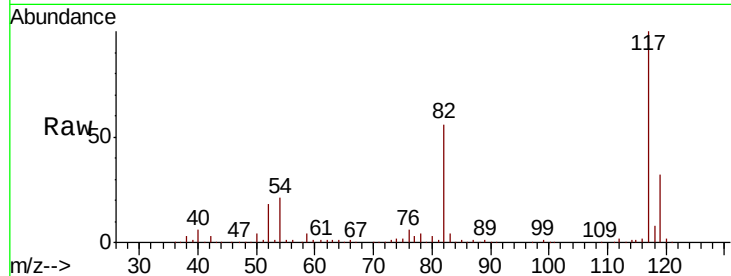




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

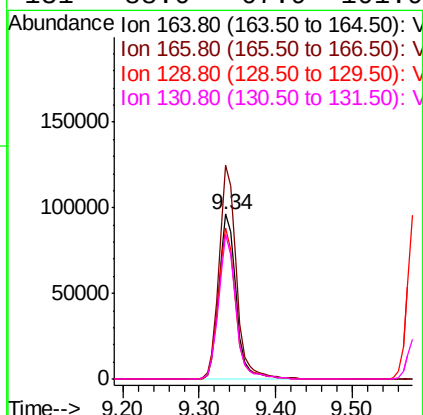
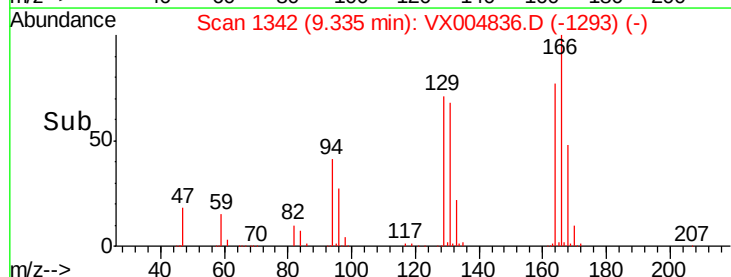
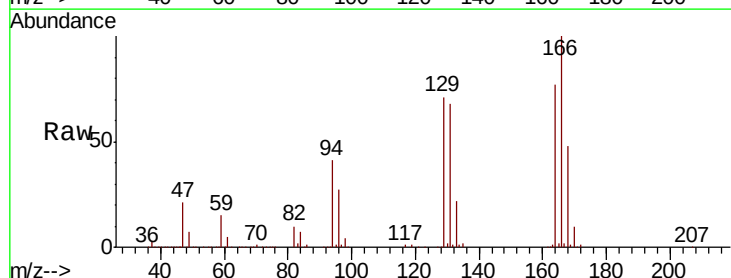
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

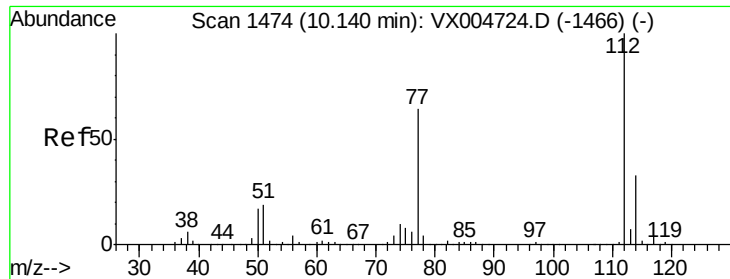
Tot Ion:117 Resp: 330936
Ion Ratio Lower Upper
117 100
82 55.9 47.8 71.6
119 31.8 29.3 43.9



#64
Tetrachloroethene
Concen: 46.609 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion:164 Resp: 151811
Ion Ratio Lower Upper
164 100
166 129.4 102.8 154.2
129 91.7 69.4 104.0
131 88.0 67.9 101.9

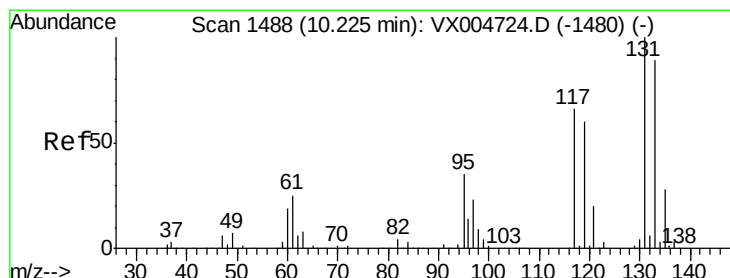
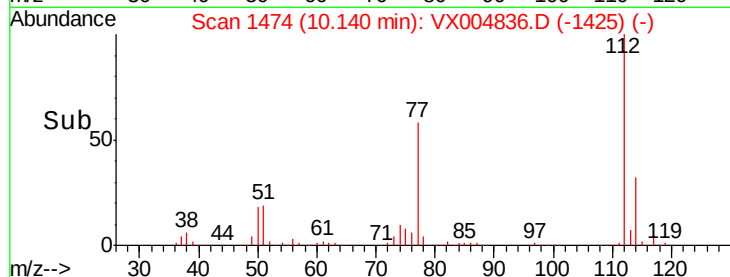
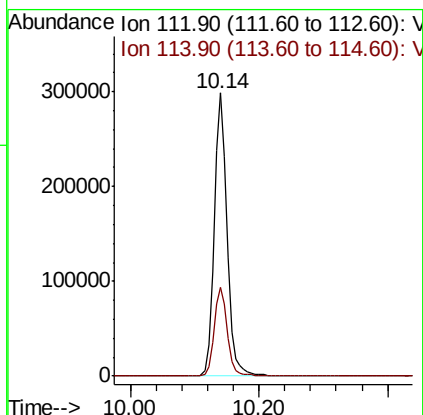
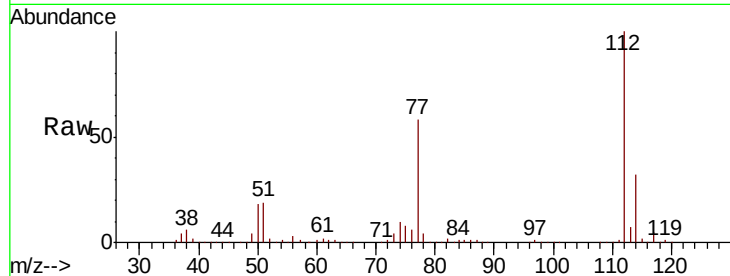




#65
Chlorobenzene
Concen: 49.361 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

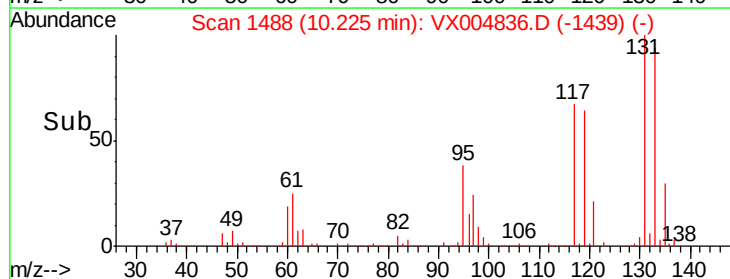
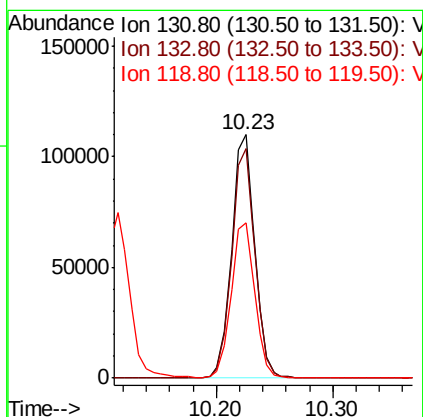
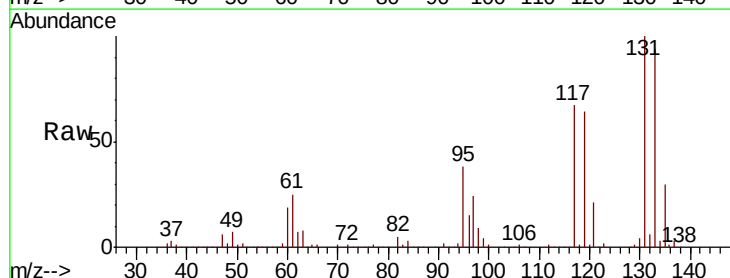
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

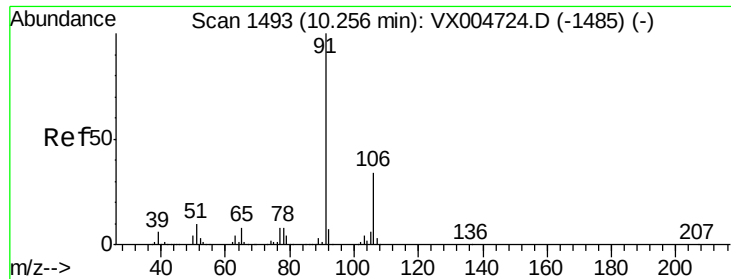
Tot Ion:112 Resp: 418883
Ion Ratio Lower Upper
112 100
114 31.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.909 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion:131 Resp: 151881
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 65.7 32.9 98.6

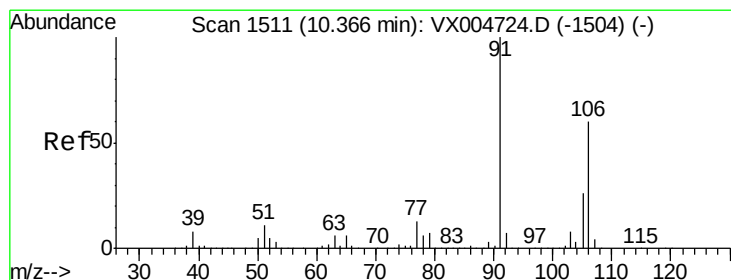
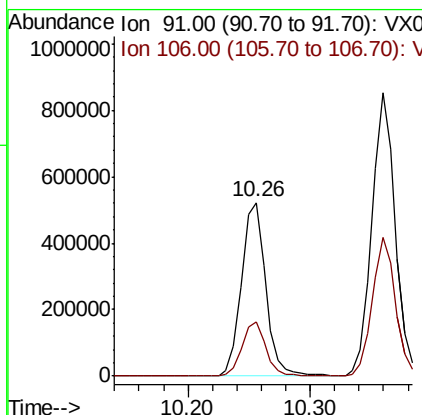
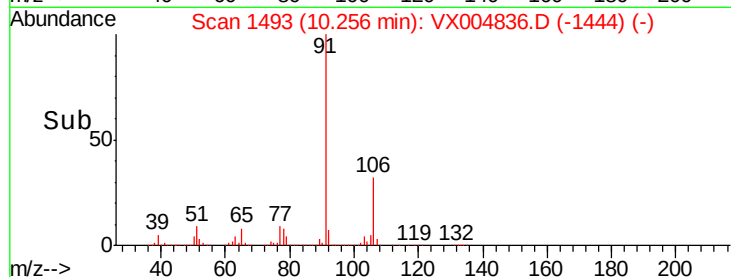
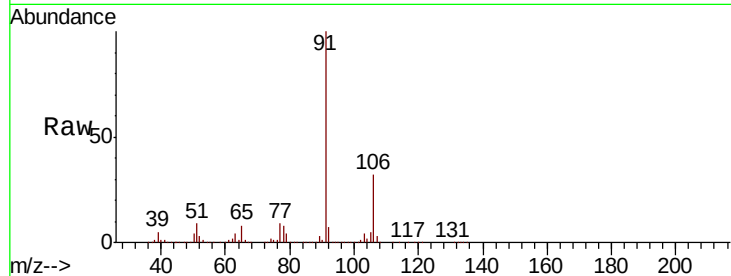




#67
Ethyl Benzene
Concen: 53.313 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

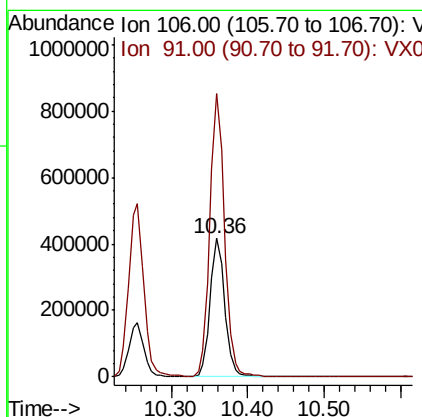
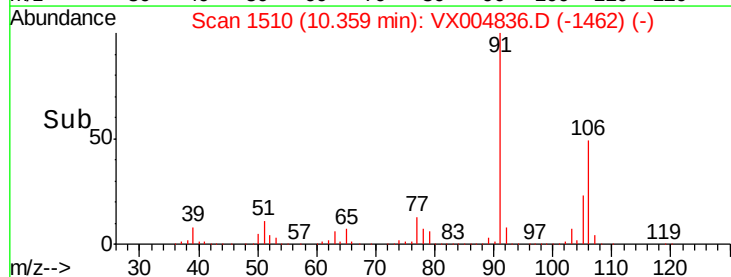
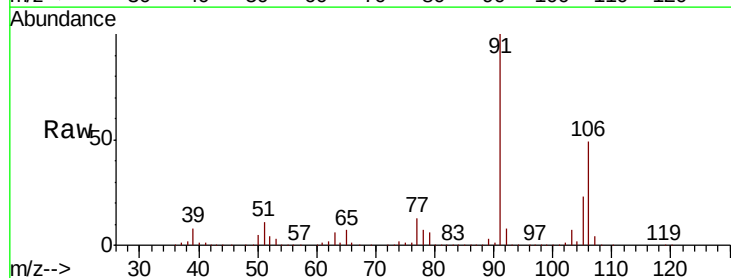
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

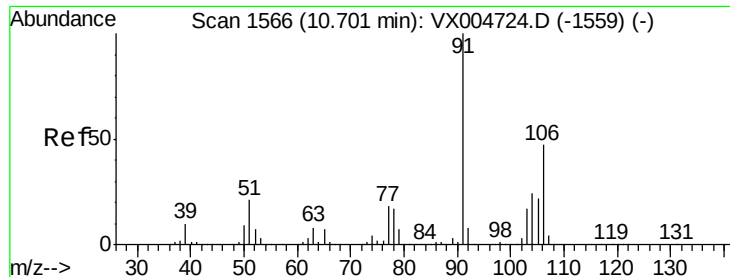
Tot Ion: 91 Resp: 718281
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9



#68
m/p-Xylenes
Concen: 106.008 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion: 106 Resp: 558109
Ion Ratio Lower Upper
106 100
91 204.7 157.1 235.7

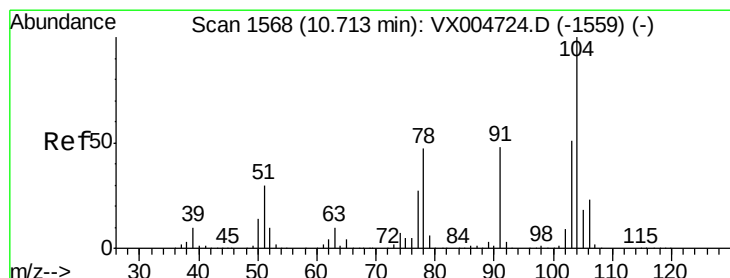
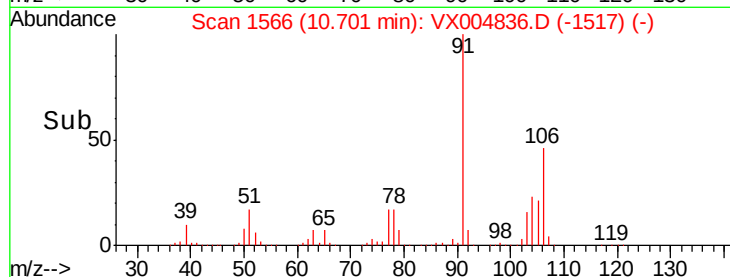
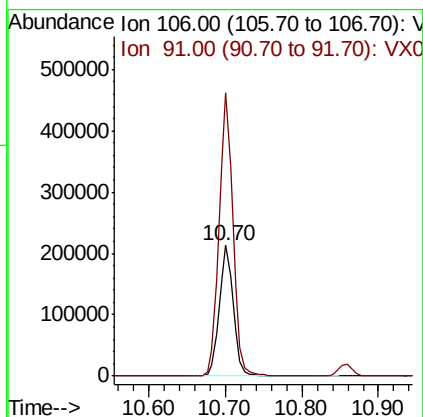
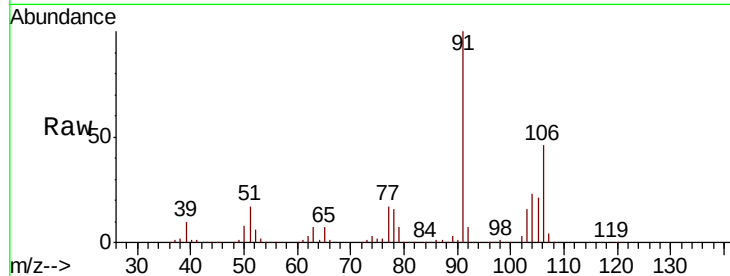




#69
o-Xylene
Concen: 55.699 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

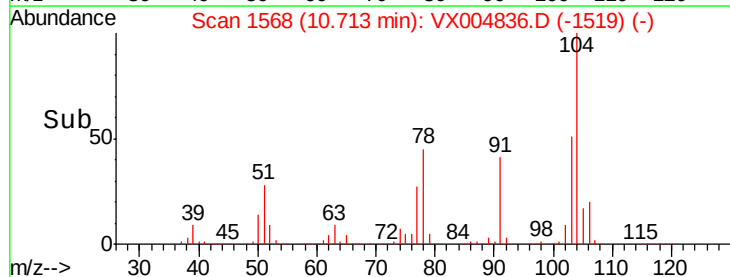
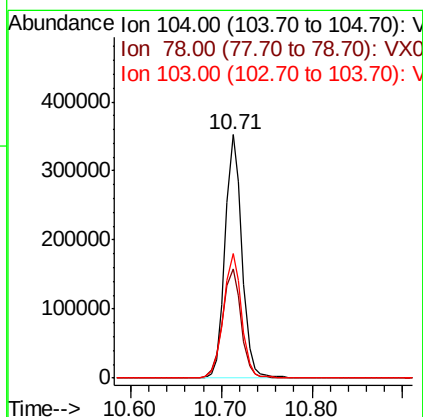
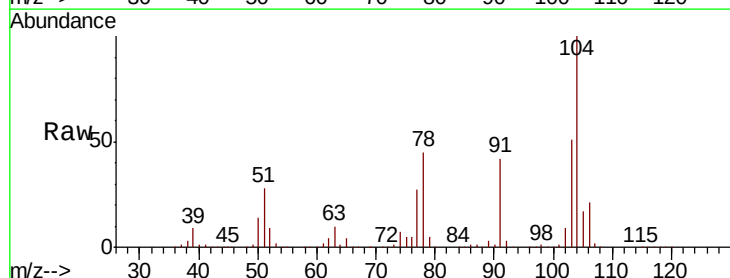
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

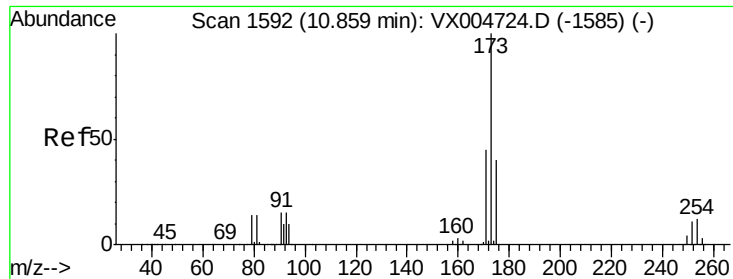
Tot Ion:106 Resp: 269341
Ion Ratio Lower Upper
106 100
91 215.8 105.1 315.1



#70
Styrene
Concen: 50.426 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion:104 Resp: 456232
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 51.233 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

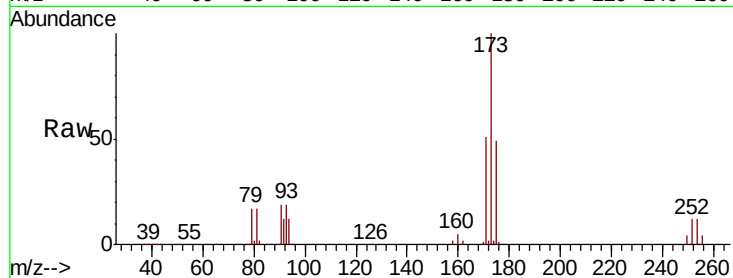
Tot Ion:173 Resp: 130857

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.3

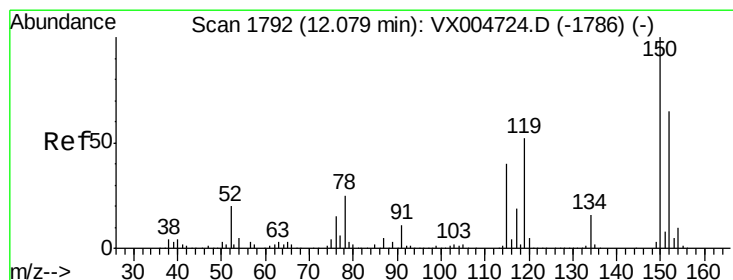
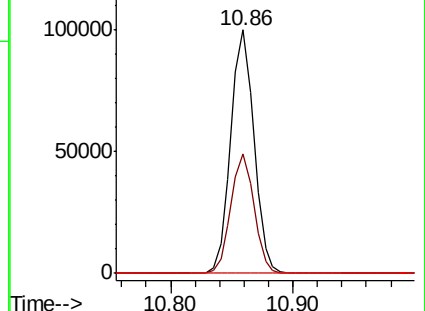
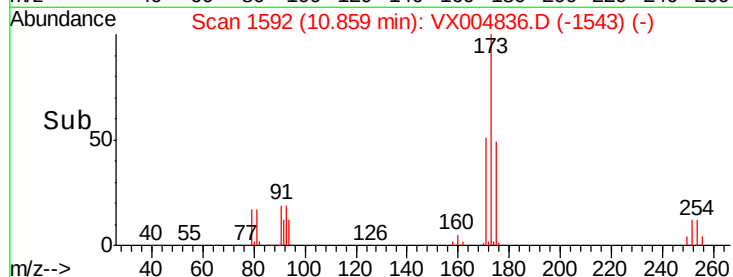
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

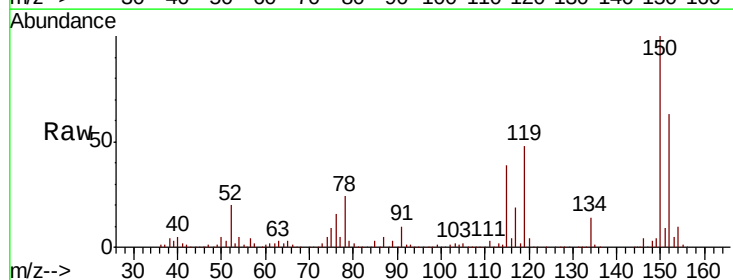
Tgt Ion:152 Resp: 203736

Ion Ratio Lower Upper

152 100

115 79.7 39.0 117.0

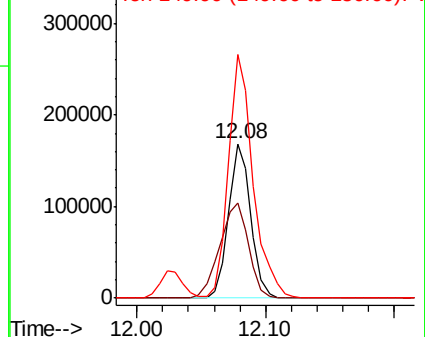
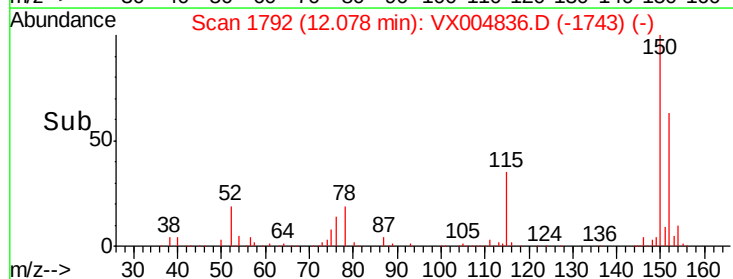
150 175.8 0.0 351.0

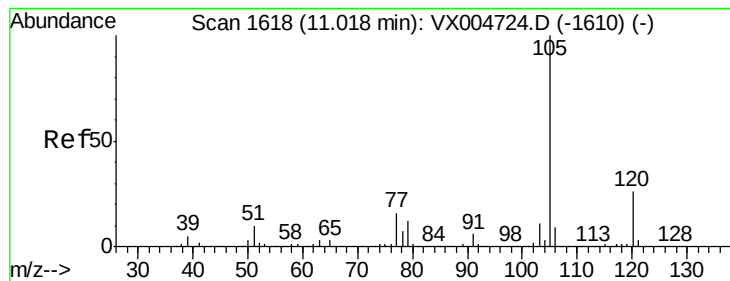


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.274 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

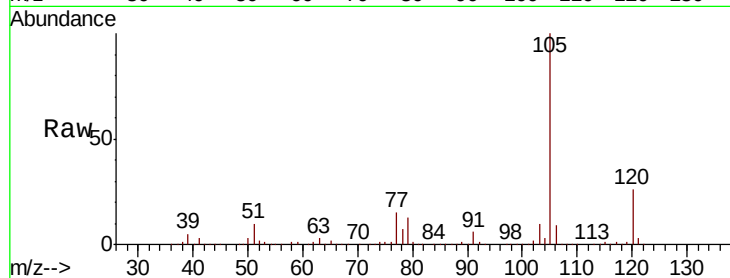
VSTDCCC050

Tot Ion: 105 Resp: 722654

Ion Ratio Lower Upper

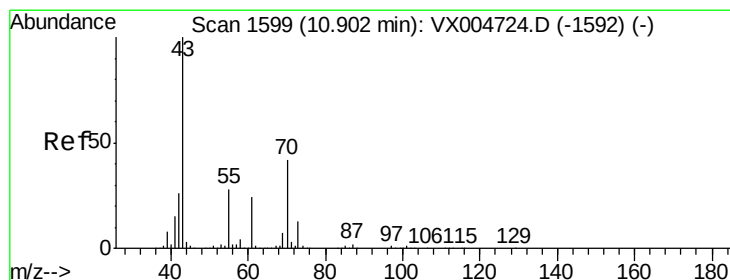
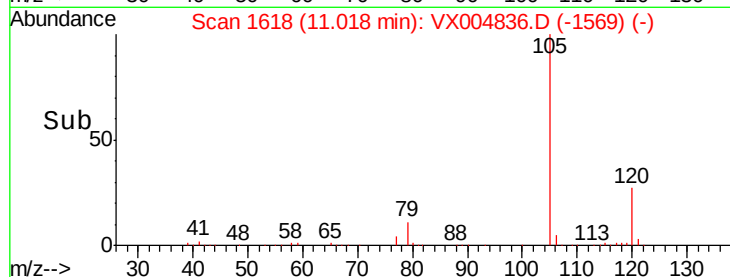
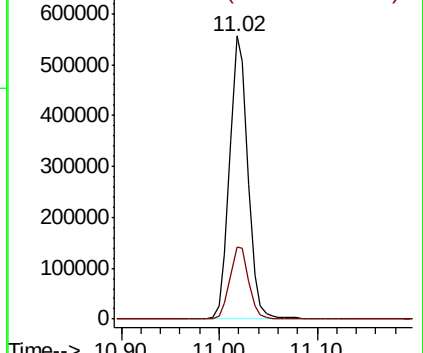
105 100

120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.736 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Tgt Ion: 43 Resp: 358299

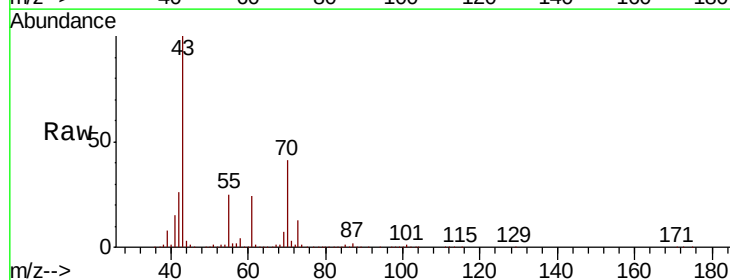
Ion Ratio Lower Upper

43 100

70 40.4 37.4 56.0

55 25.5 21.8 32.8

61 23.5 20.6 30.8

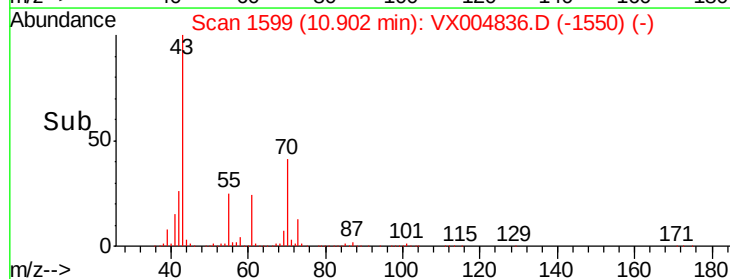
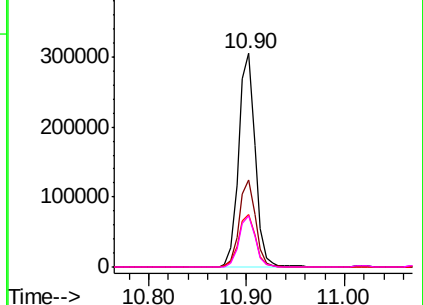


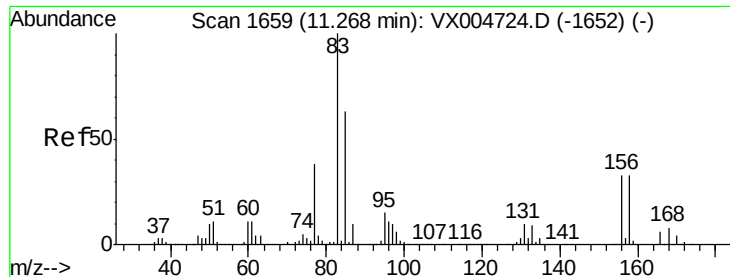
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.390 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

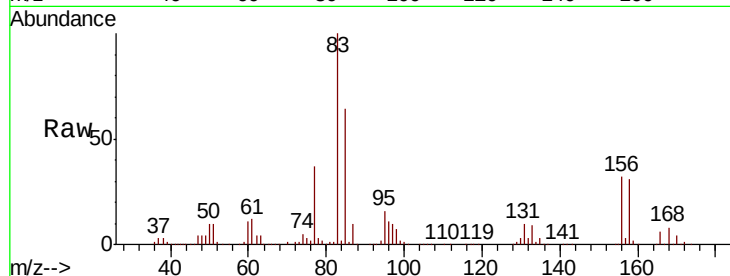
Tot Ion: 83 Resp: 258183

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

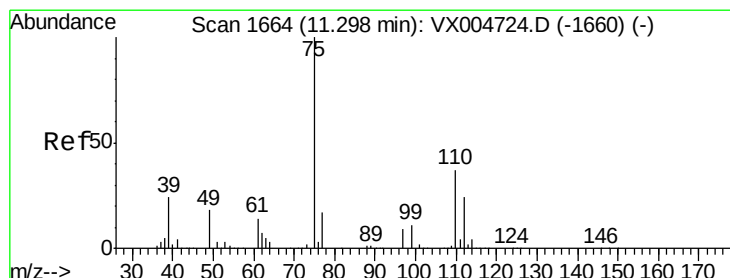
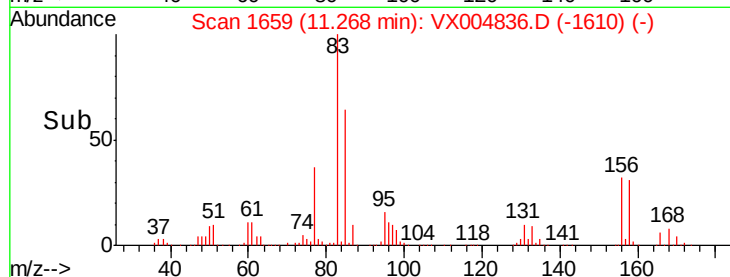
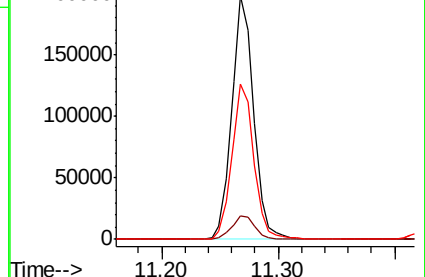
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.991 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004836.D

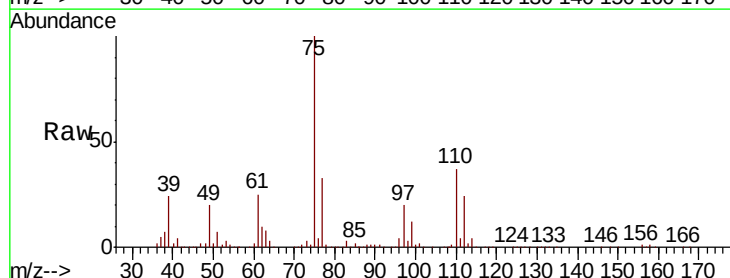
Acq: 28 Sep 2018 22:19

Tgt Ion: 75 Resp: 296781

Ion Ratio Lower Upper

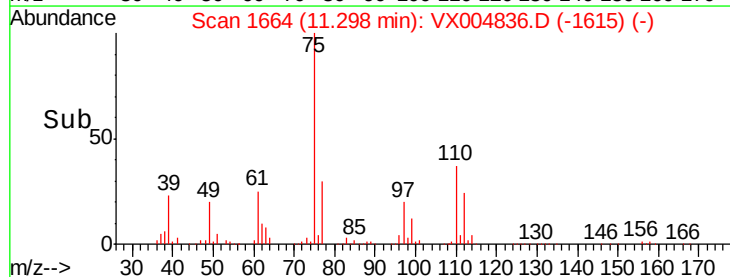
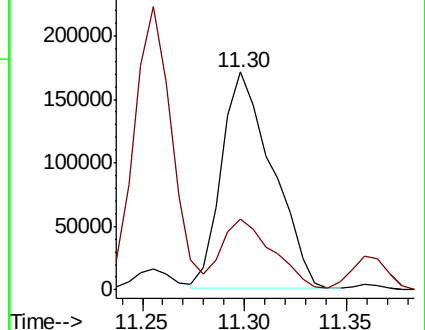
75 100

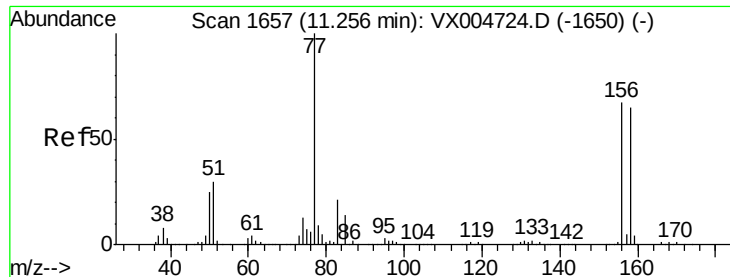
77 32.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.793 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

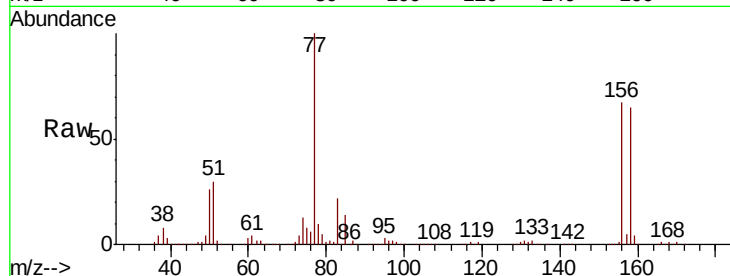
Tot Ion:156 Resp: 193188

Ion Ratio Lower Upper

156 100

77 148.3 71.5 214.3

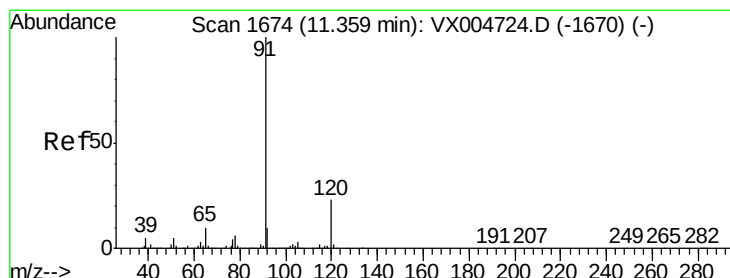
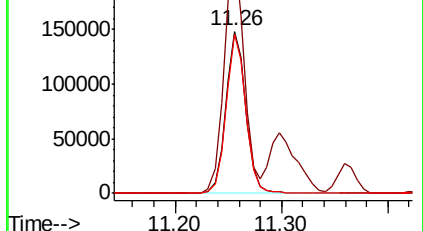
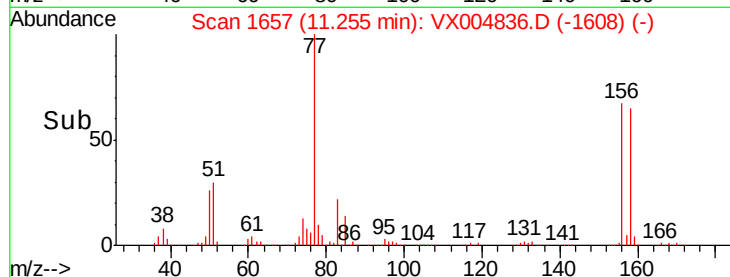
158 97.2 48.9 146.8



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: 57.241 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004836.D

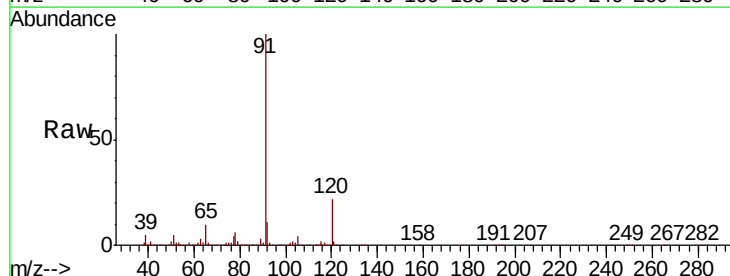
Acq: 28 Sep 2018 22:19

Tgt Ion: 91 Resp: 843409

Ion Ratio Lower Upper

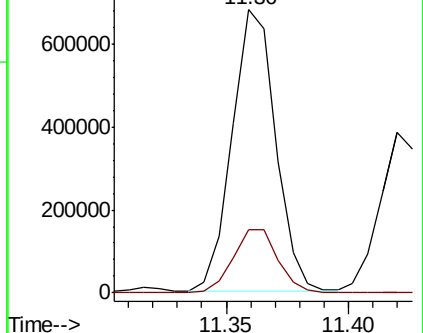
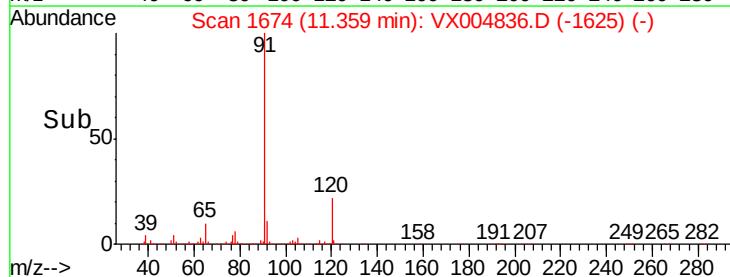
91 100

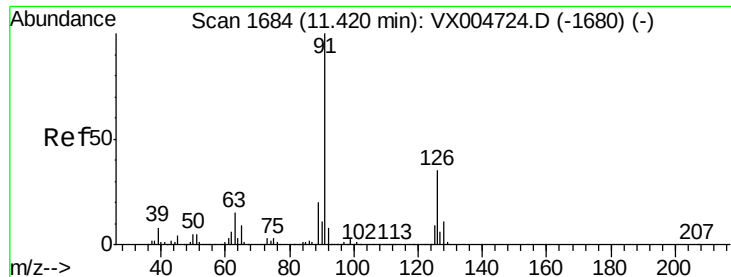
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.628 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

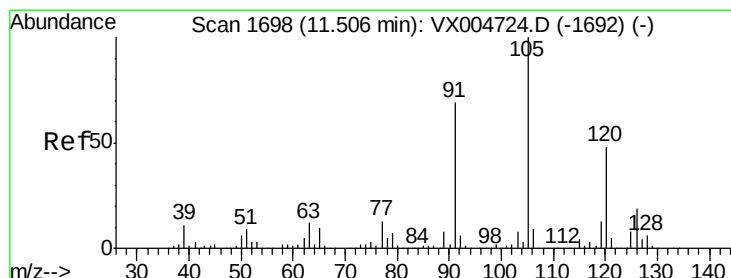
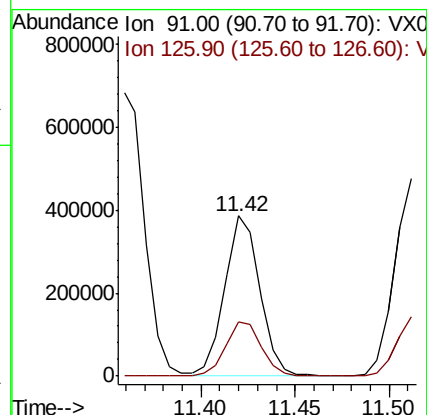
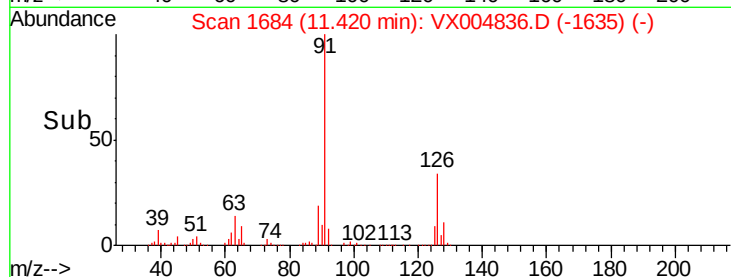
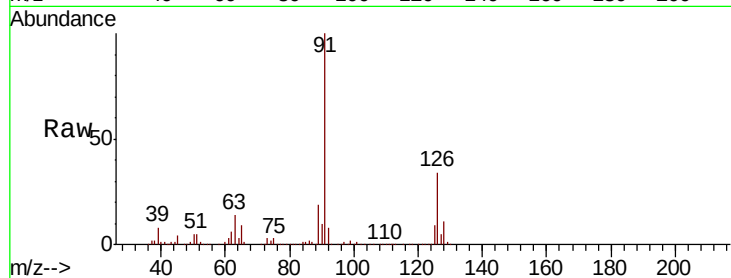
VSTDCCC050

Tot Ion: 91 Resp: 492535

Ion Ratio Lower Upper

91 100

126 35.2 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 52.455 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004836.D

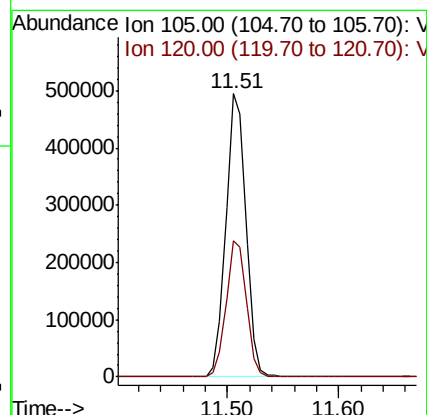
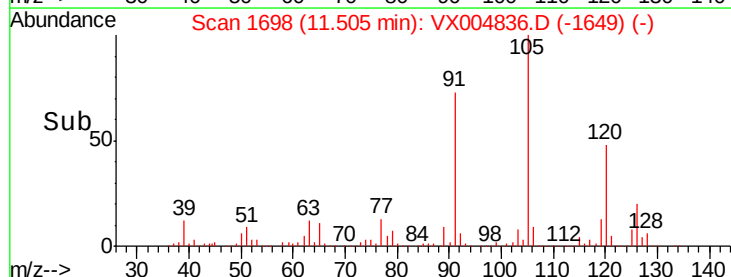
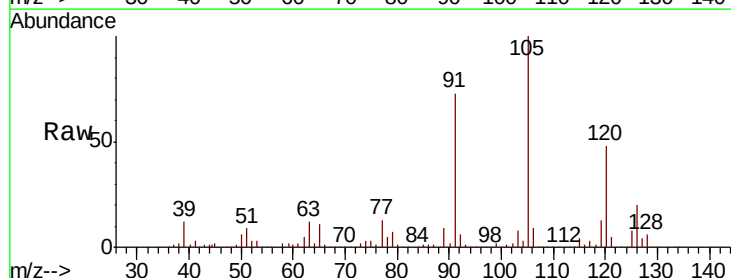
Acq: 28 Sep 2018 22:19

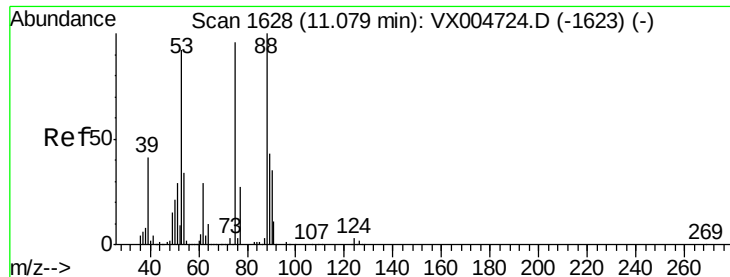
Tgt Ion: 105 Resp: 617278

Ion Ratio Lower Upper

105 100

120 48.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.756 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

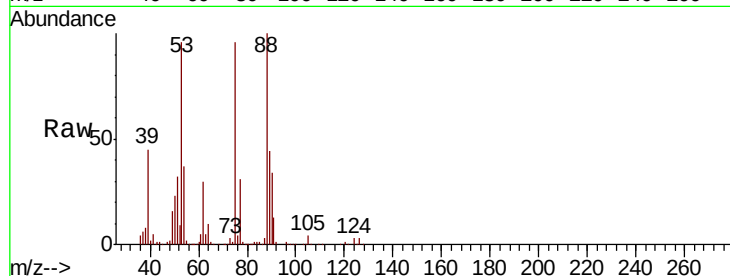
Tot Ion: 75 Resp: 72828

Ion Ratio Lower Upper

75 100

53 101.2 80.1 120.1

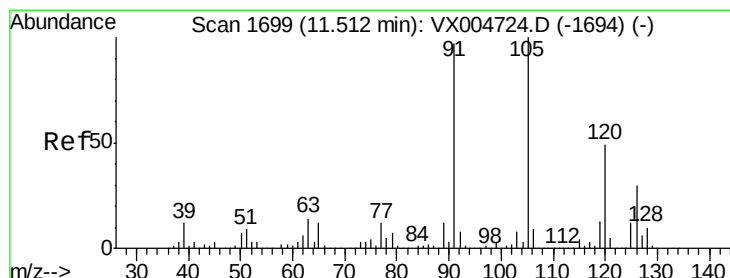
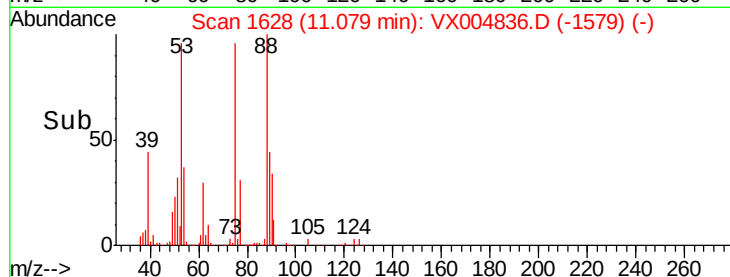
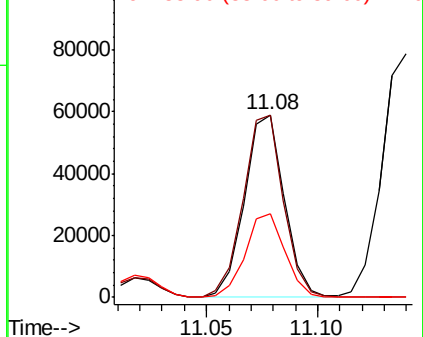
89 46.5 37.2 55.8



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: 54.838 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004836.D

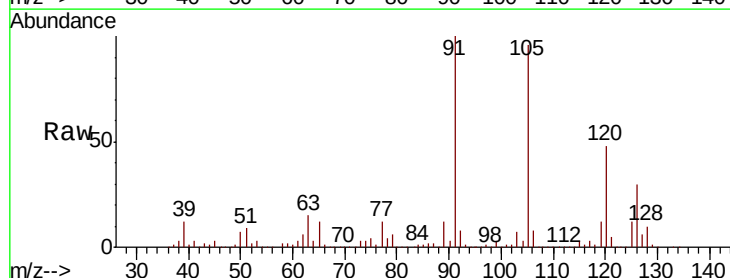
Acq: 28 Sep 2018 22:19

Tgt Ion: 91 Resp: 592813

Ion Ratio Lower Upper

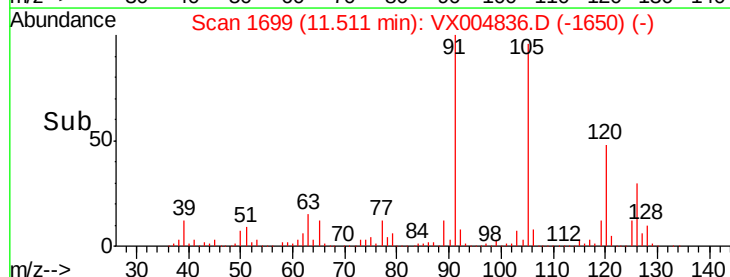
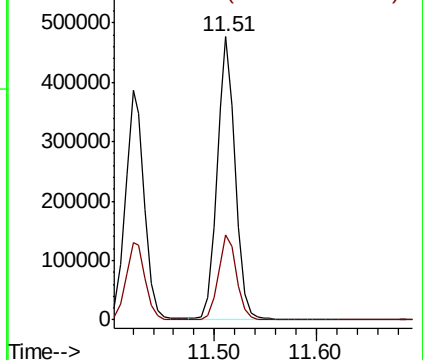
91 100

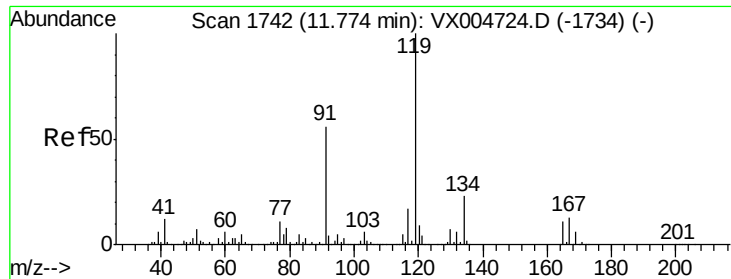
126 30.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

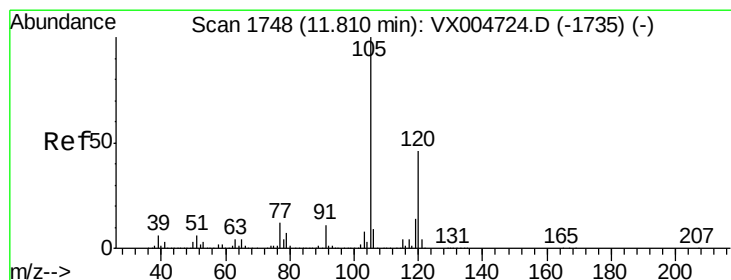
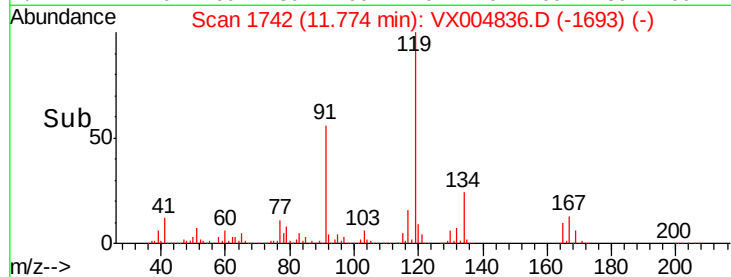
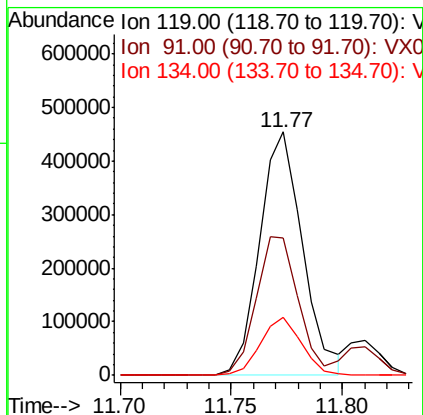
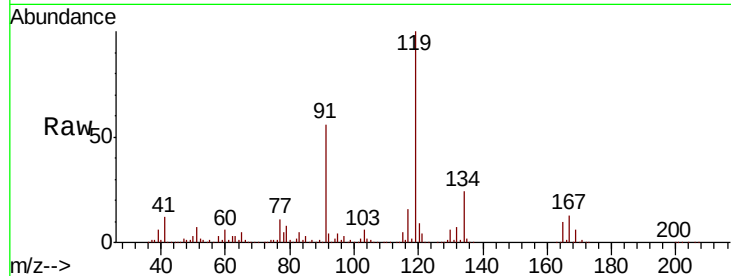




#83
 tert-Butylbenzene
 Concen: 57.602 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

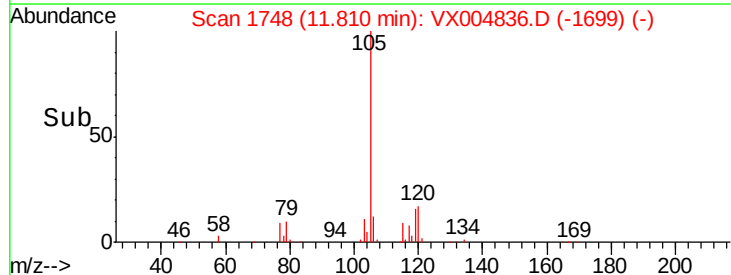
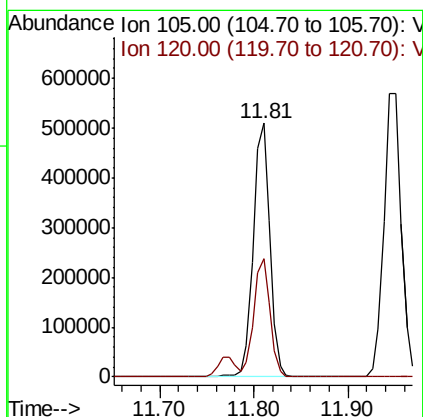
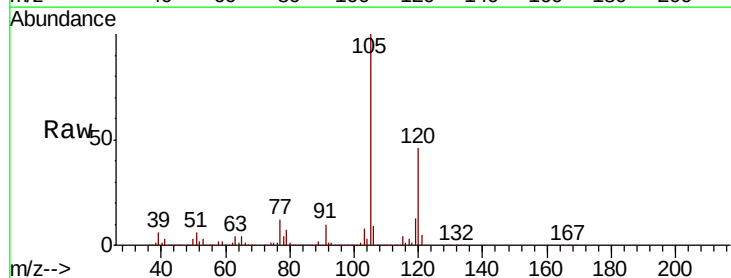
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

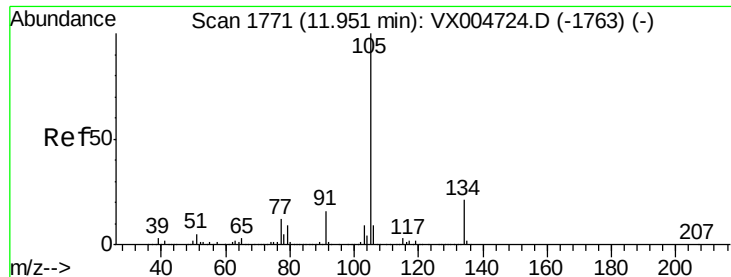
Tot Ion:119 Resp: 609026
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.0 81.0
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.320 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Tgt Ion:105 Resp: 634949
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.936 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

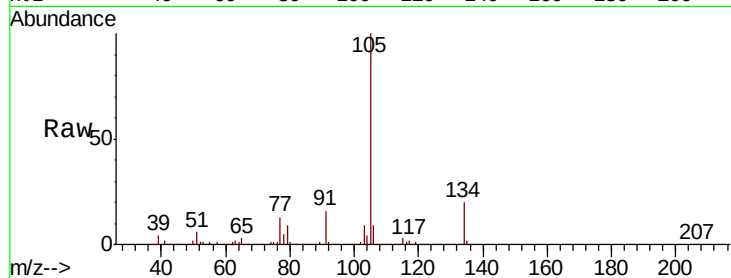
VSTDCCC050

Tot Ion:105 Resp: 733234

Ion Ratio Lower Upper

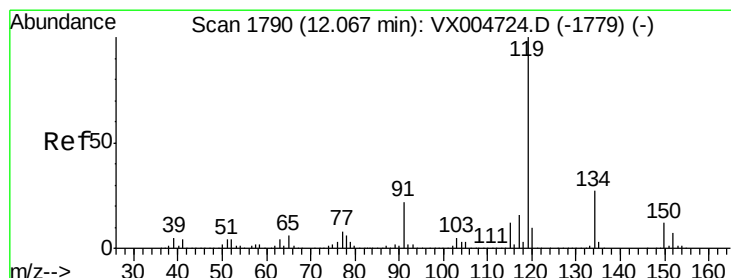
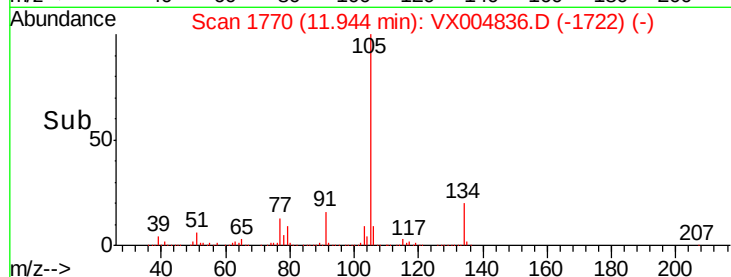
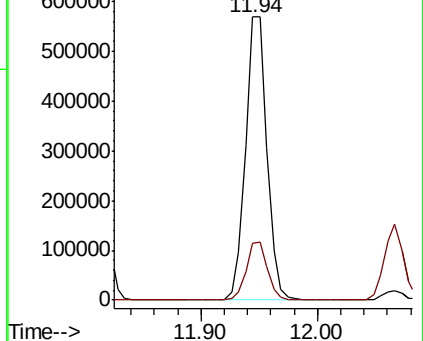
105 100

134 20.3 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: 56.711 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

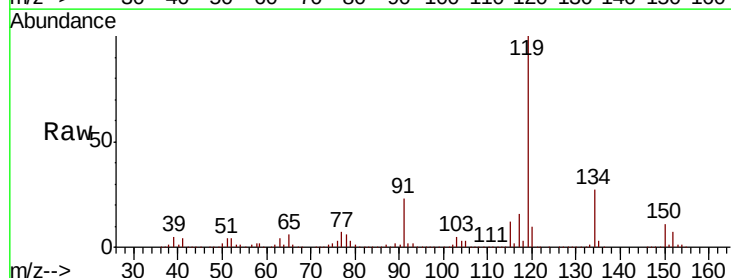
Tgt Ion:119 Resp: 661695

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

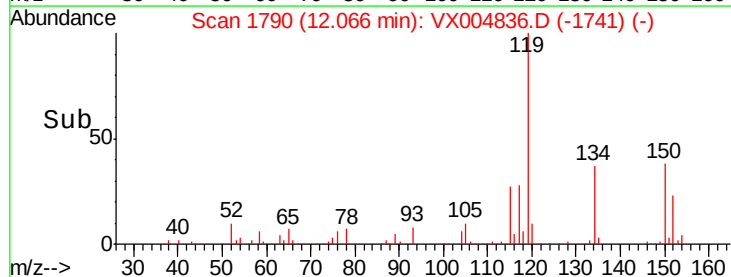
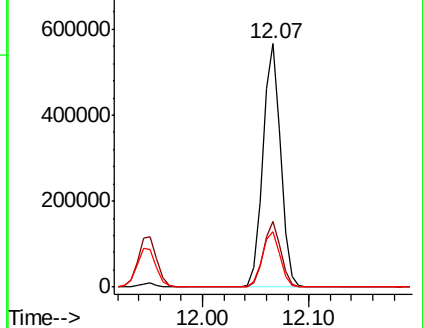
91 23.0 10.9 32.7

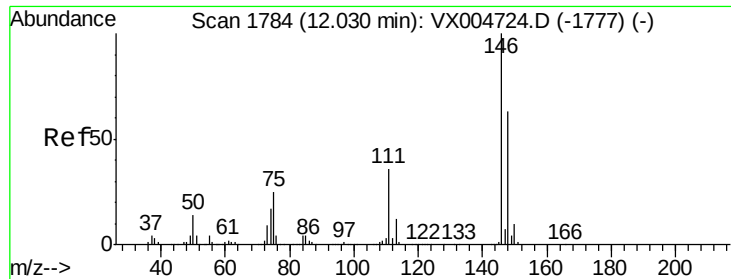


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

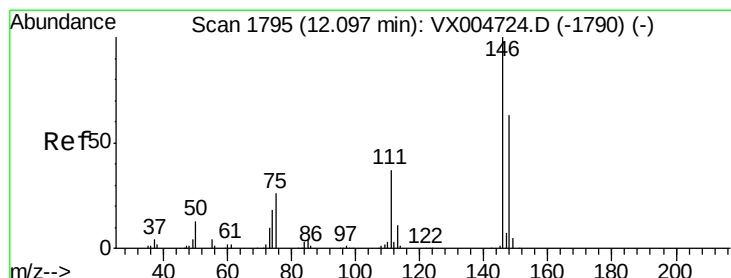
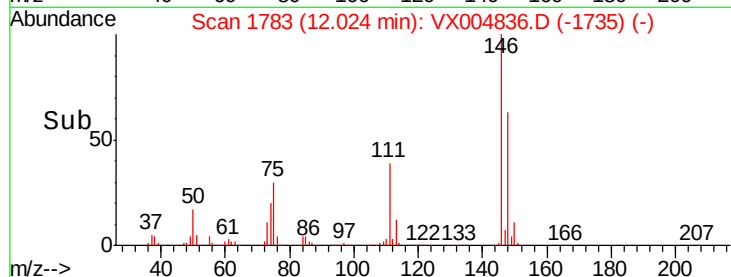
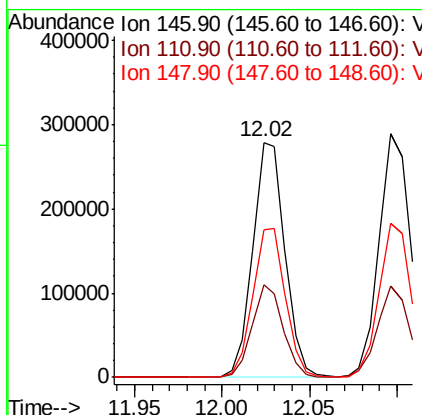
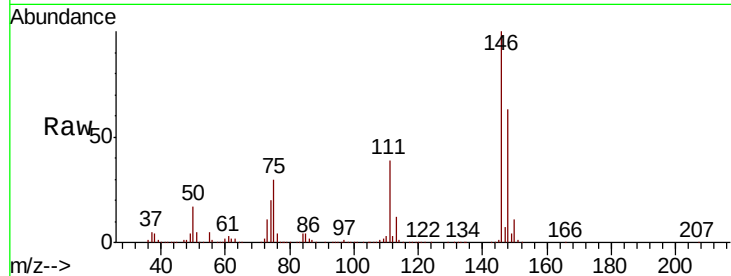




#87
 1,3-Dichlorobenzene
 Concen: 51.268 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

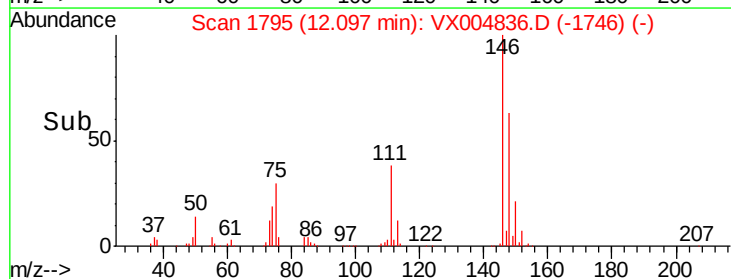
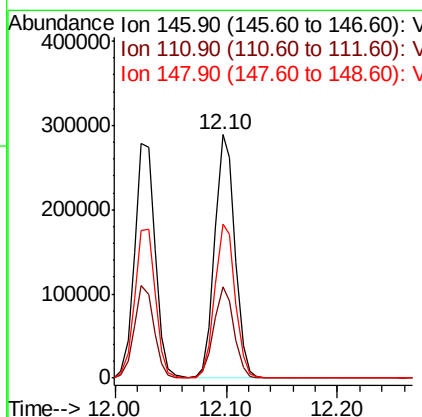
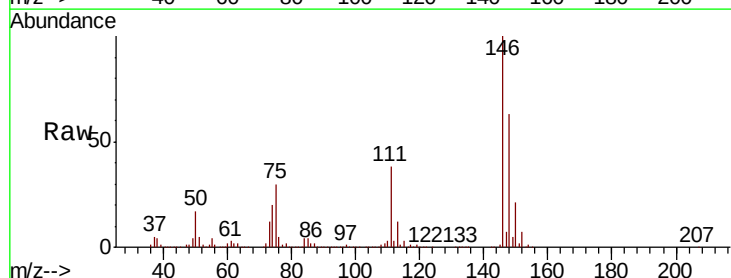
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

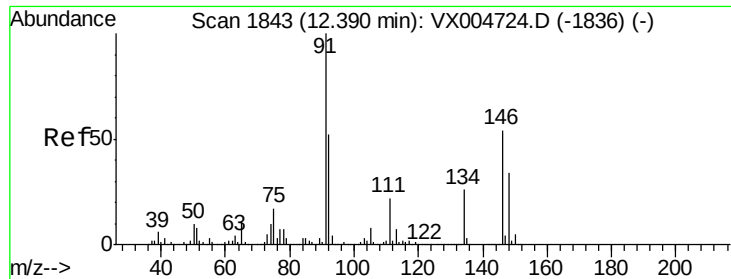
Tot Ion:146 Resp: 357081
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.7 56.1
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.464 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Tgt Ion:146 Resp: 362827
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 64.0 32.0 96.0

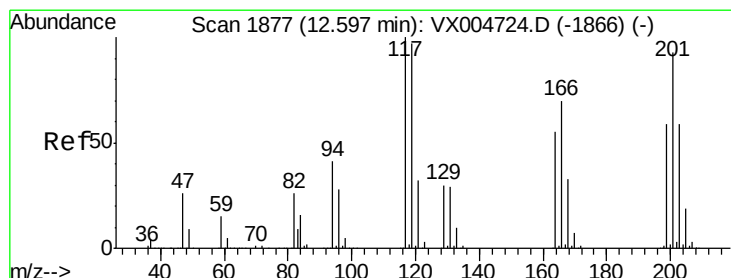
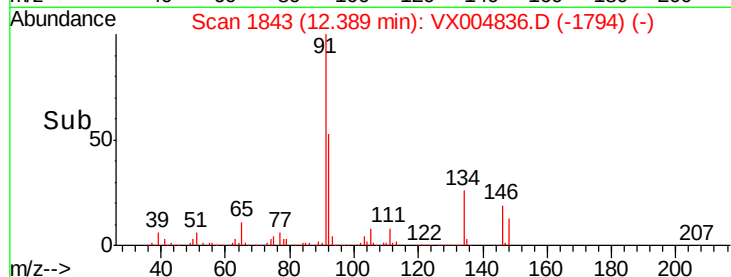
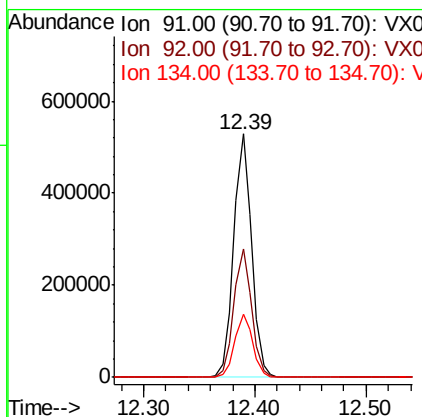
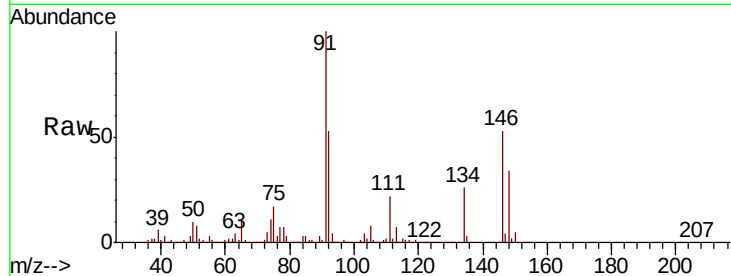




#89
n-Butylbenzene
Concen: 55.264 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

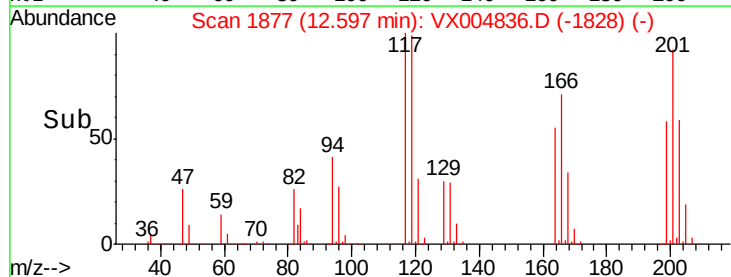
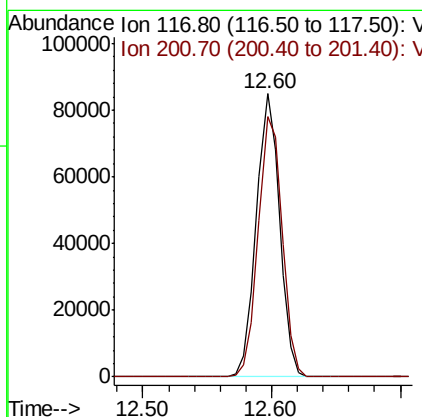
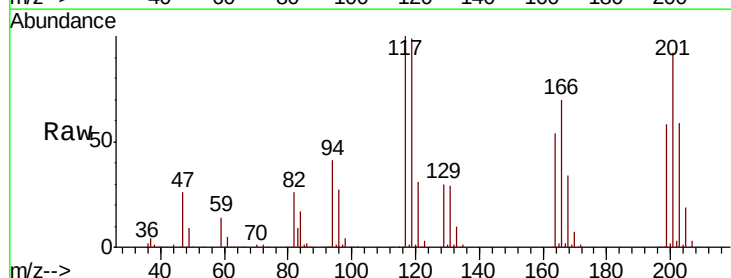
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

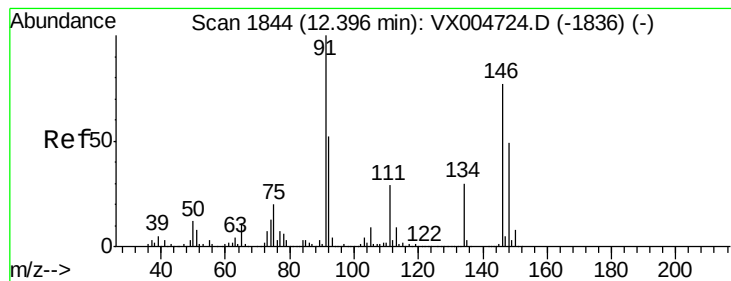
Tot Ion: 91 Resp: 585605
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 26.3 13.6 40.7



#90
Hexachloroethane
Concen: 54.100 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion: 117 Resp: 105098
Ion Ratio Lower Upper
117 100
201 94.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.747 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

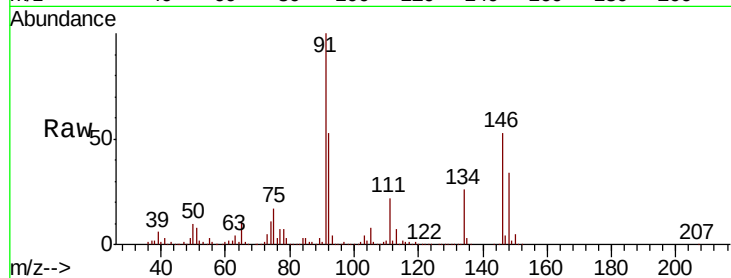
Tot Ion:146 Resp: 362095

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.1

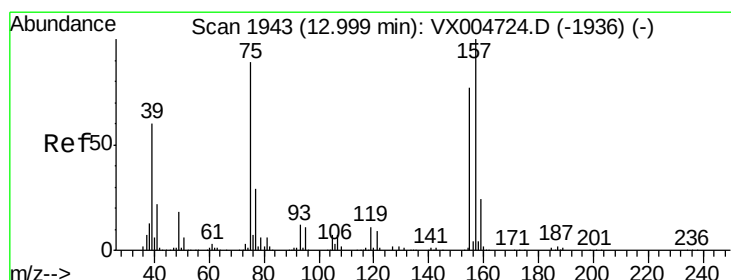
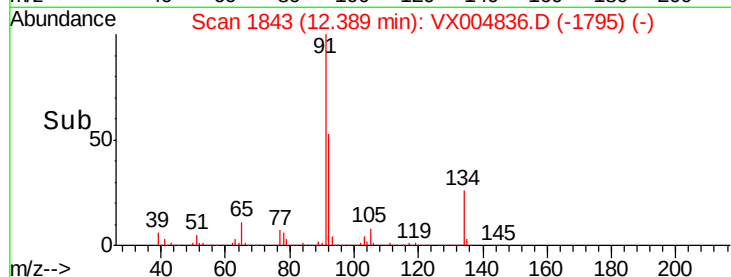
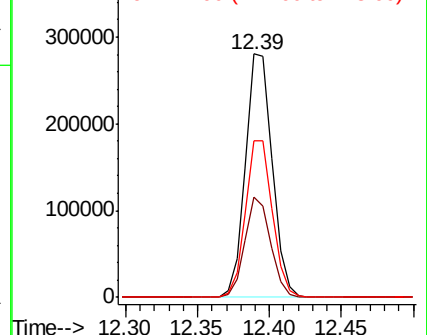
148 64.4 32.8 98.3



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: 53.483 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004836.D

Acq: 28 Sep 2018 22:19

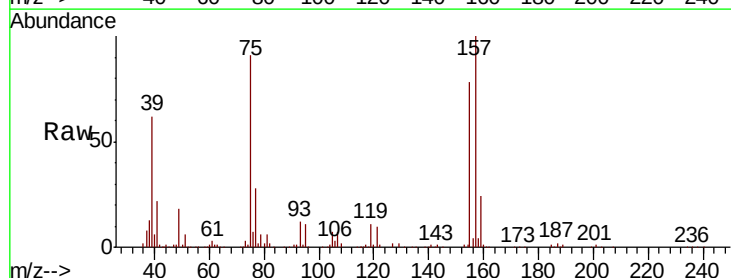
Tgt Ion: 75 Resp: 61387

Ion Ratio Lower Upper

75 100

155 91.7 48.0 144.2

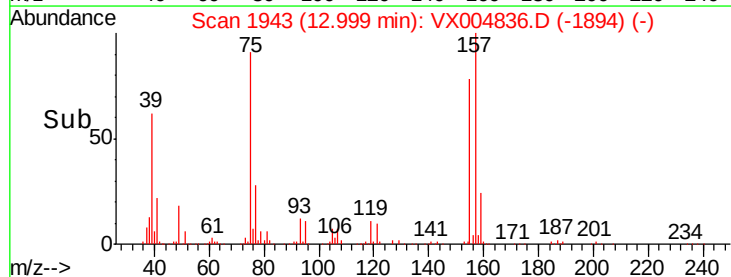
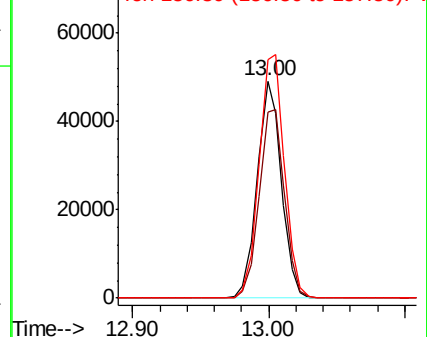
157 117.7 61.4 184.1

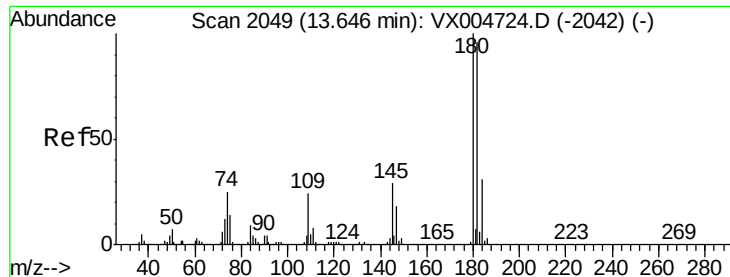


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

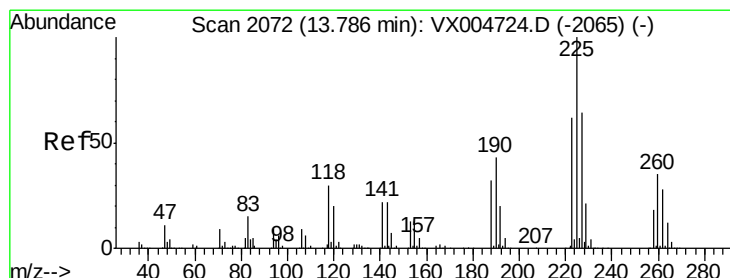
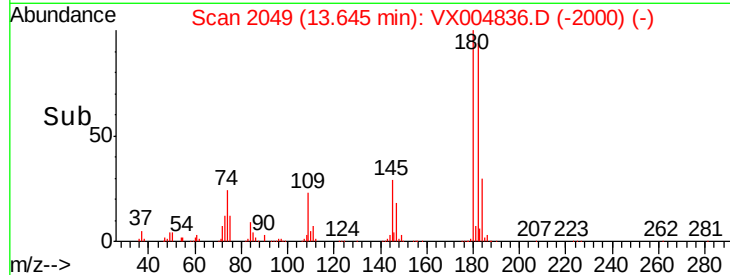
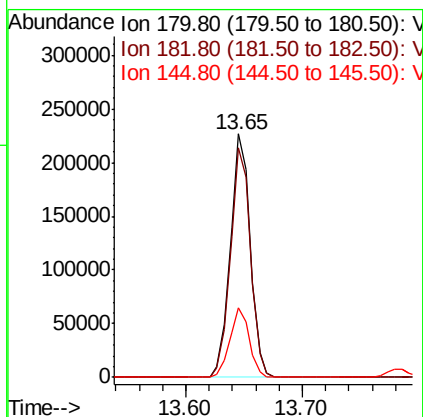
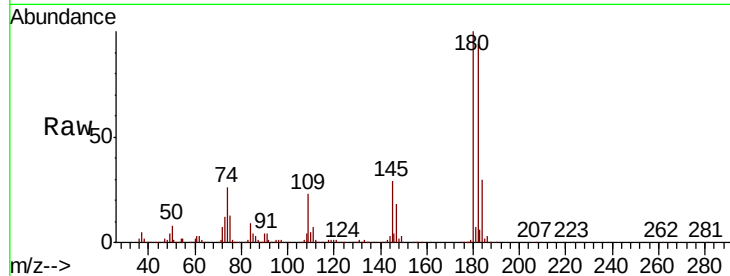




#93
 1,2,4-Trichlorobenzene
 Concen: 52.651 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

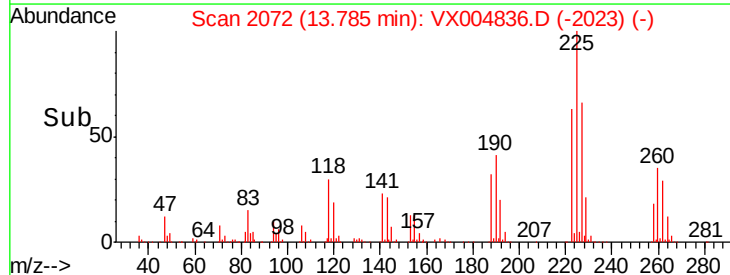
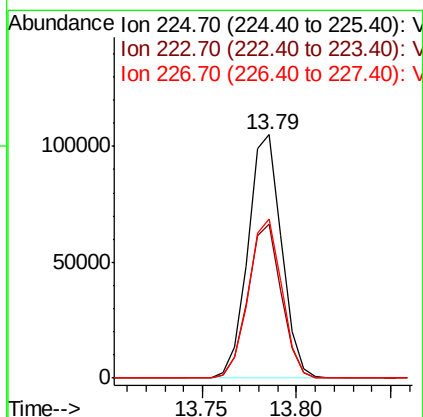
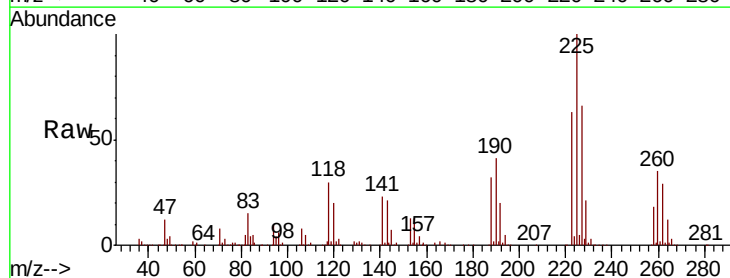
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

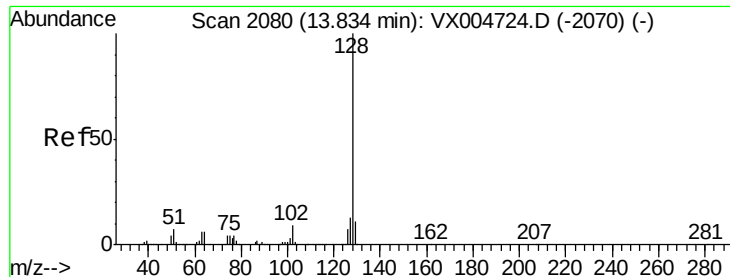
Tot Ion:180 Resp: 268832
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.4 145.0
 145 28.0 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 48.966 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004836.D
 Acq: 28 Sep 2018 22:19

Tgt Ion:225 Resp: 129645
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.1 90.5
 227 65.1 30.8 92.4

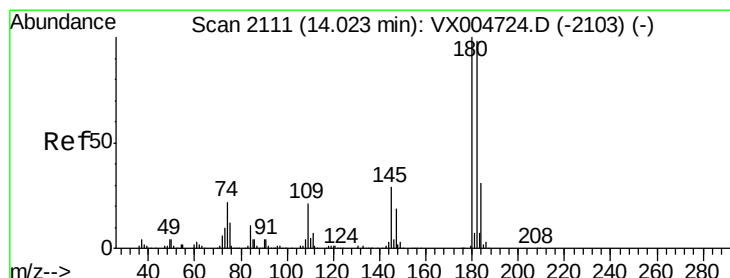
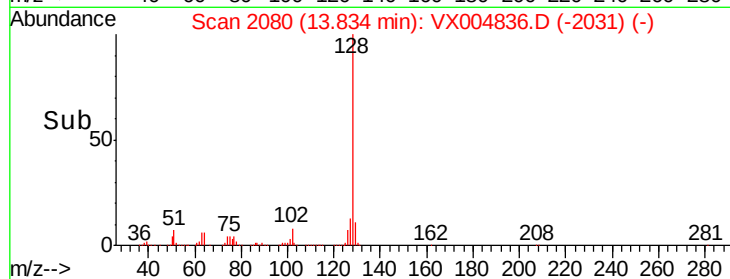
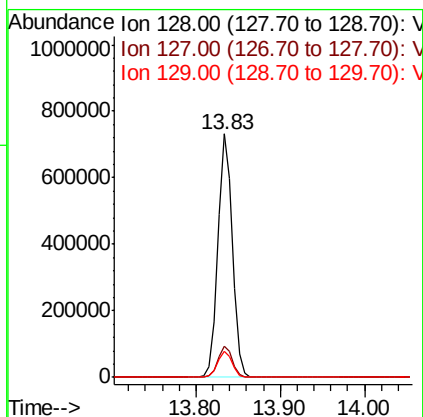
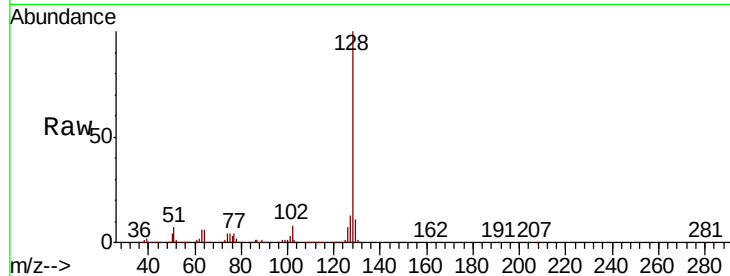




#95
Naphthalene
Concen: 51.278 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 869319
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.185 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004836.D
Acq: 28 Sep 2018 22:19

Tgt Ion:180 Resp: 275245
Ion Ratio Lower Upper
180 100
182 95.8 48.5 145.6
145 30.6 14.9 44.9

