

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004552.D
 Acq On : 14 Sep 2018 20:40
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 15 04:44:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	284507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197384	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	181700	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	5.50	113	157537	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
50) Toluene-d8	8.72	98	551375	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.14	95	188635	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	130394	48.90	ug/l	96
3) Chloromethane	1.32	50	160481	43.73	ug/l	100
4) Vinyl Chloride	1.40	62	177605	47.16	ug/l	96
5) Bromomethane	1.64	94	66329	41.87	ug/l	99
6) Chloroethane	1.71	64	119790	49.18	ug/l	98
7) Trichlorofluoromethane	1.92	101	239419	47.95	ug/l	93
8) Diethyl Ether	2.18	74	111924	50.00	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153321	48.41	ug/l	98
10) Methyl Iodide	2.51	142	144466	39.16	ug/l	97
11) Tert butyl alcohol	3.07	59	208051	237.68	ug/l	99
12) 1,1-Dichloroethene	2.37	96	144653	48.66	ug/l	98
13) Acrolein	2.29	56	79774	230.87	ug/l	97
14) Allyl chloride	2.73	41	288862	47.26	ug/l	96
15) Acrylonitrile	3.15	53	496732	235.65	ug/l	99
16) Acetone	2.45	43	388349	216.90	ug/l	95
17) Carbon Disulfide	2.57	76	415164	48.32	ug/l	99
18) Methyl Acetate	2.78	43	239790	47.74	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	522789	50.12	ug/l	97
20) Methylene Chloride	2.85	84	172555	46.98	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	162386	49.43	ug/l	93
22) Diisopropyl ether	3.87	45	539288	48.99	ug/l	98
23) Vinyl Acetate	3.82	43	2233038	250.69	ug/l	99
24) 1,1-Dichloroethane	3.70	63	300060	48.28	ug/l	99
25) 2-Butanone	4.70	43	637720	223.79	ug/l	97
26) 2,2-Dichloropropane	4.58	77	200336	46.93	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	187749	51.20	ug/l	98
28) Bromochloromethane	5.02	49	144105	50.69	ug/l	99
29) Tetrahydrofuran	5.15	42	415845	241.99	ug/l	99
30) Chloroform	5.21	83	294636	48.56	ug/l	97
31) Cyclohexane	5.57	56	275245	51.87	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	247233	50.59	ug/l	99
36) 1,1-Dichloropropene	5.80	75	224298	49.19	ug/l	99
37) Ethyl Acetate	4.85	43	240626	46.40	ug/l	99
38) Carbon Tetrachloride	5.79	117	211742	47.54	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249145	52.36	ug/l	91
40) Benzene	6.14	78	684942	50.62	ug/l	95
41) Methacrylonitrile	5.06	41	135718	47.49	ug/l	98
42) 1,2-Dichloroethane	6.20	62	219132	48.83	ug/l	100
43) Isopropyl Acetate	6.46	43	358708	52.07	ug/l	100
44) Trichloroethene	7.21	130	175714	49.99	ug/l	92
45) 1,2-Dichloropropane	7.52	63	154933	47.59	ug/l	99
46) Dibromomethane	7.66	93	99377	48.32	ug/l	99
47) Bromodichloromethane	7.90	83	182025	46.80	ug/l	99
48) Methyl methacrylate	7.77	41	164499	48.25	ug/l	98
49) 1,4-Dioxane	7.76	88	77703	963.01	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1056817	217.40	ug/l	99
52) Toluene	8.79	92	383106	48.06	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	234290	51.57	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	226397	48.88	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	176509	51.43	ug/l	95
56) Ethyl methacrylate	9.18	69	270298	55.67	ug/l	97
57) 1,3-Dichloropropane	9.37	76	288457	51.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	563556	228.44	ug/l	97
59) 2-Hexanone	9.50	43	912397	244.69	ug/l	99
60) Dibromochloromethane	9.58	129	167554	51.85	ug/l	95
61) 1,2-Dibromoethane	9.68	107	174419	53.19	ug/l	95
64) Tetrachloroethene	9.33	164	220444	53.40	ug/l	94
65) Chlorobenzene	10.14	112	413808	50.39	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	145335	51.32	ug/l	100
67) Ethyl Benzene	10.26	91	696781	52.18	ug/l	99
68) m/p-Xylenes	10.36	106	543755	105.71	ug/l	98
69) o-Xylene	10.70	106	265403	53.67	ug/l	100
70) Styrene	10.71	104	446363	54.48	ug/l	98
71) Bromoform	10.86	173	119430	51.36	ug/l #	99
73) Isopropylbenzene	11.02	105	706742	54.37	ug/l	100
74) N-amyl acetate	10.90	43	289551	52.92	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	210314	50.16	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	253188	63.76	ug/l	87
77) Bromobenzene	11.26	156	187138	52.08	ug/l	100
78) n-propylbenzene	11.36	91	802312	53.68	ug/l	100
79) 2-Chlorotoluene	11.42	91	475100	52.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	591573	54.13	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	64960	52.14	ug/l	93
82) 4-Chlorotoluene	11.51	91	550392	52.02	ug/l	99
83) tert-Butylbenzene	11.77	119	576919	55.45	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	610345	54.70	ug/l	99
85) sec-Butylbenzene	11.94	105	747433	56.38	ug/l	98
86) p-Isopropyltoluene	12.07	119	657205	56.13	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	342745	51.13	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	346286	49.99	ug/l	99
89) n-Butylbenzene	12.39	91	555993	52.11	ug/l	98
90) Hexachloroethane	12.60	117	97465	52.00	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	349640	51.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48874	54.59	ug/l	99

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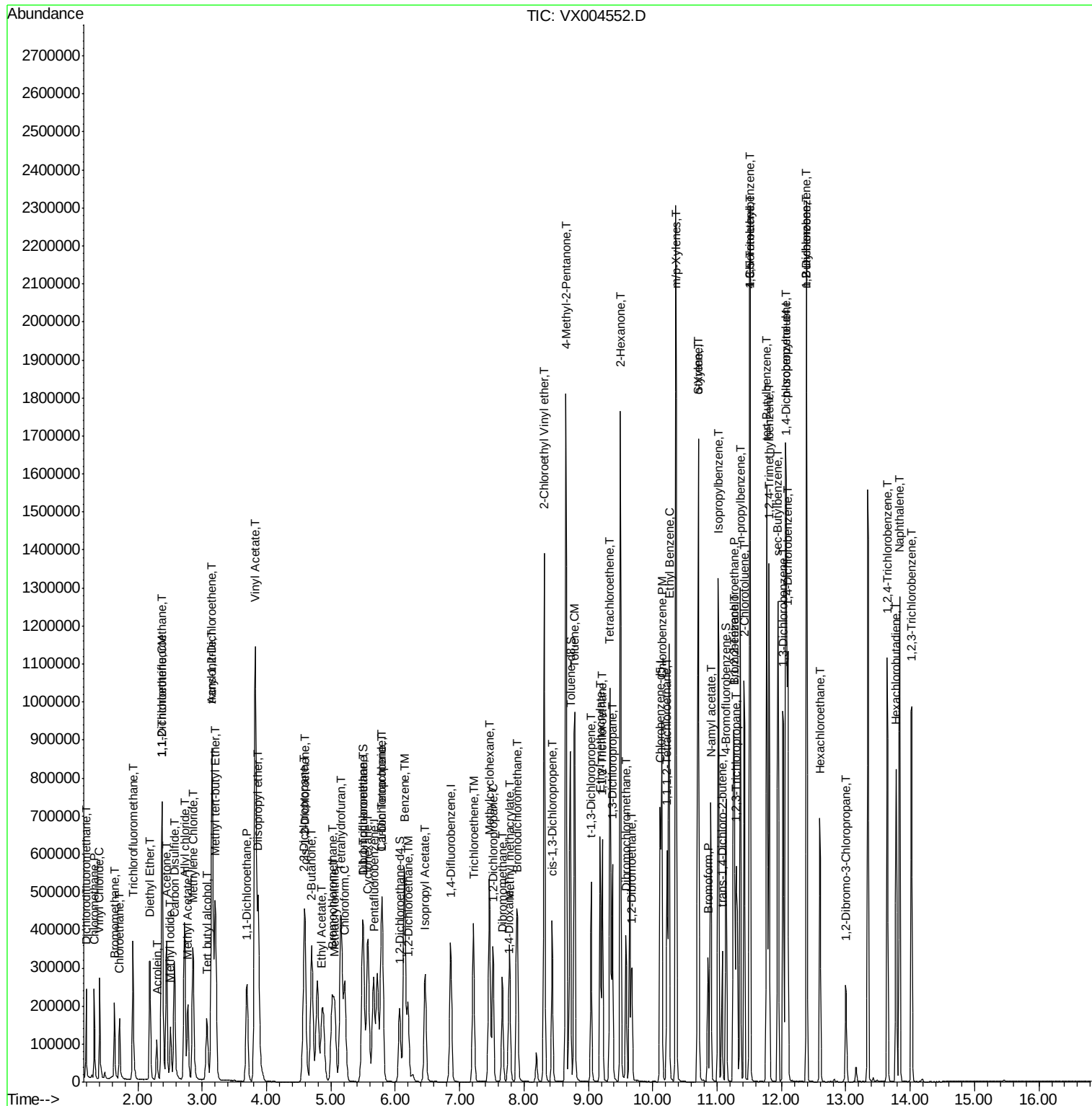
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

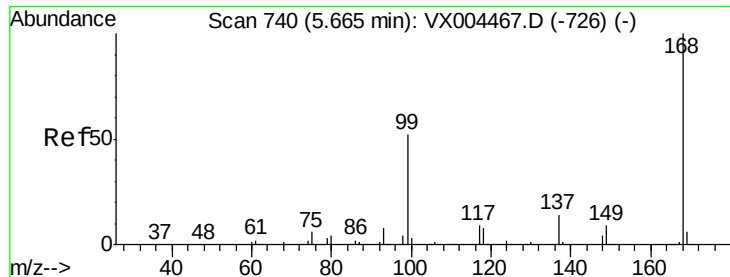
Quant Time: Sep 15 04:44:54 2018
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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293533	61.10	ug/l	95
94) Hexachlorobutadiene	13.79	225	140374	55.93	ug/l	96
95) Naphthalene	13.83	128	797682	59.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	271959	55.10	ug/l	99

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

Quant Time: Sep 15 04:44:54 2018
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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

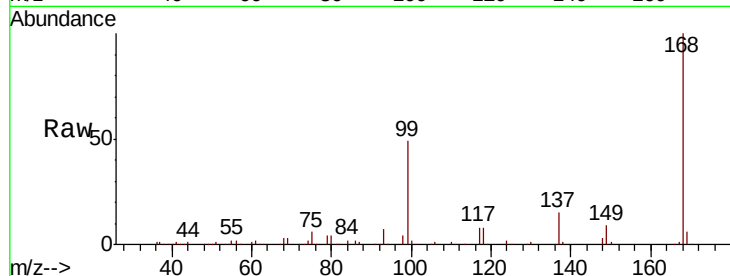
VSTDCCC050EC

Tot Ion:168 Resp: 284507

Ion Ratio Lower Upper

168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

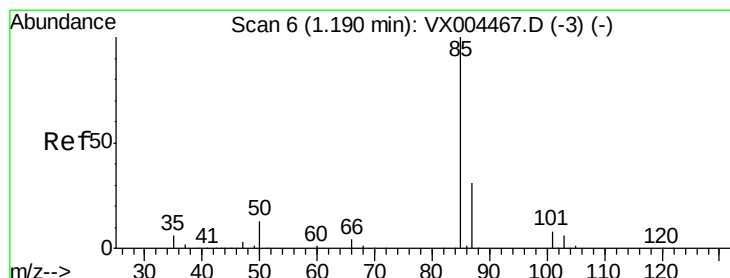
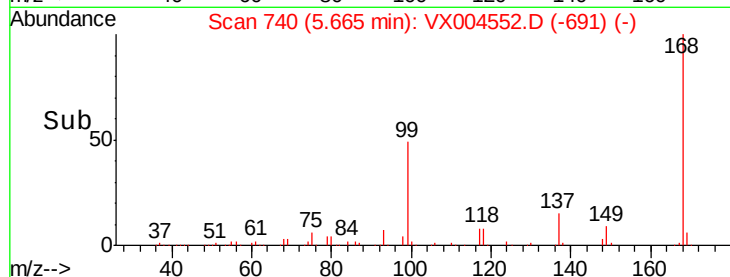
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.90 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004552.D

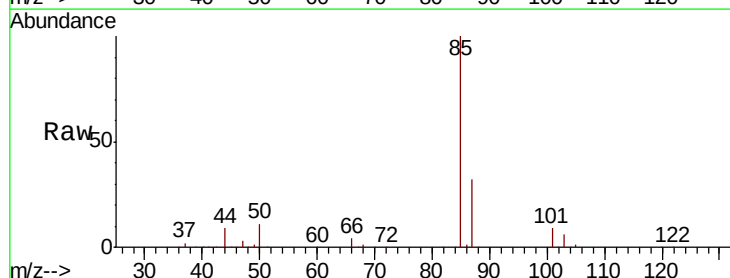
Acq: 14 Sep 2018 20:40

Tgt Ion: 85 Resp: 130394

Ion Ratio Lower Upper

85 100

87 31.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

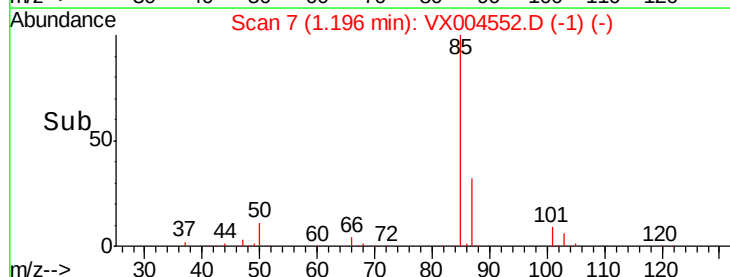
150000

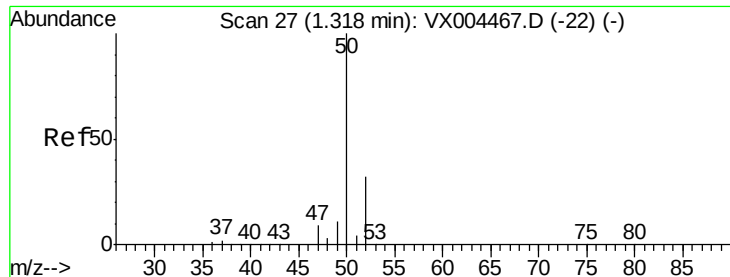
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.73 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

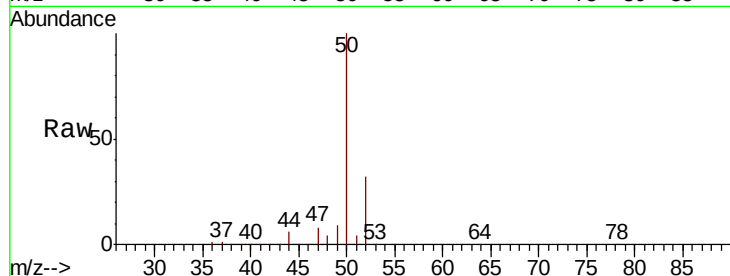
VSTDCCC050EC

Tot Ion: 50 Resp: 160481

Ion Ratio Lower Upper

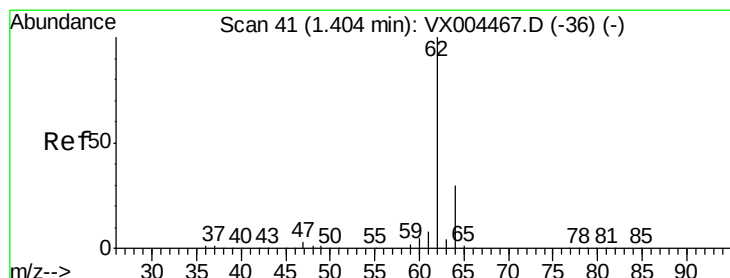
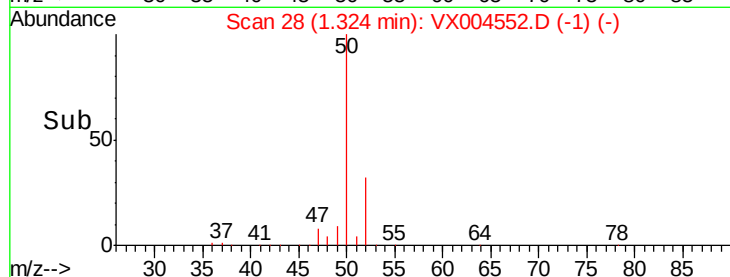
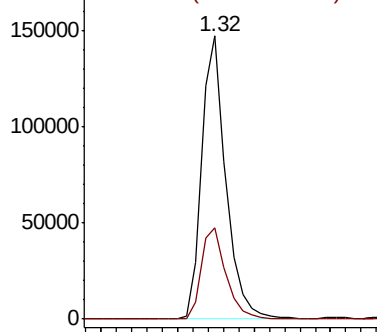
50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.16 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004552.D

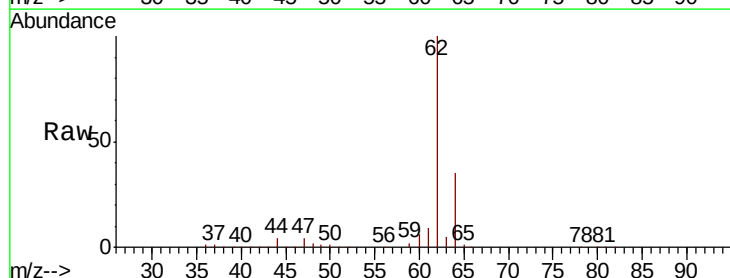
Acq: 14 Sep 2018 20:40

Tgt Ion: 62 Resp: 177605

Ion Ratio Lower Upper

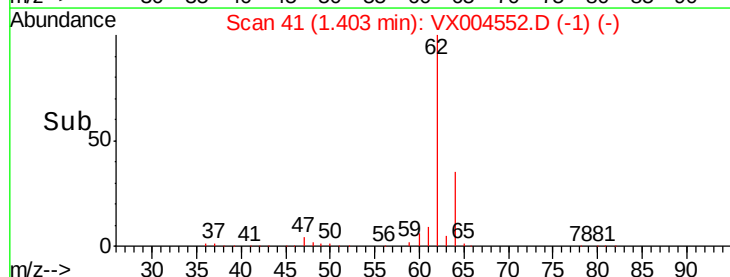
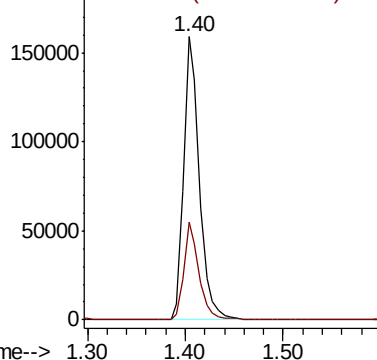
62 100

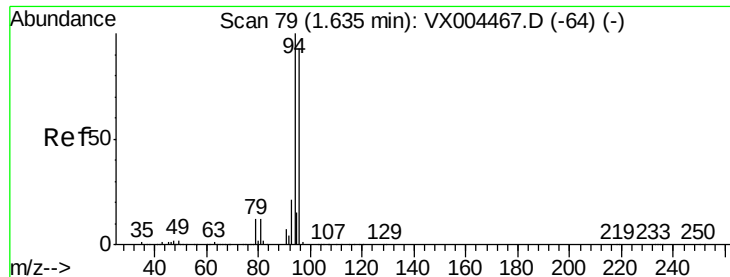
64 34.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.87 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

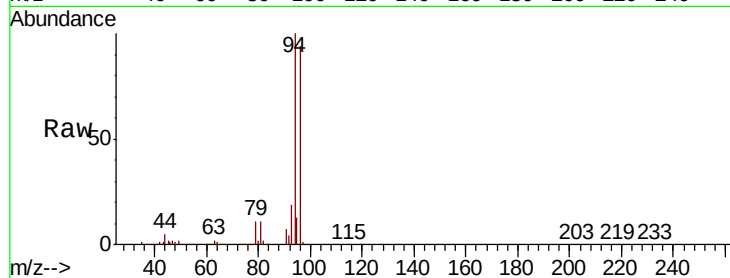
VSTDCCC050EC

Tot Ion: 94 Resp: 66329

Ion Ratio Lower Upper

94 100

96 94.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

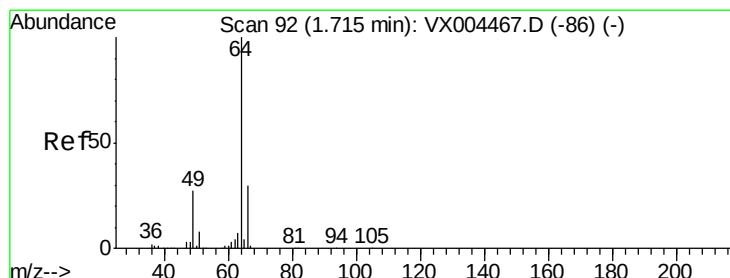
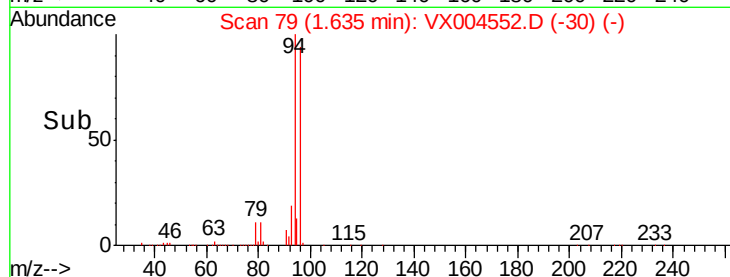
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 49.18 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004552.D

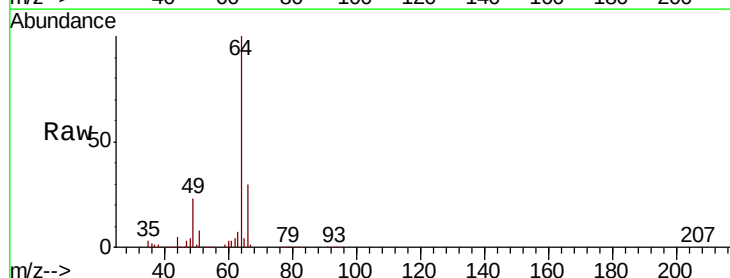
Acq: 14 Sep 2018 20:40

Tgt Ion: 64 Resp: 119790

Ion Ratio Lower Upper

64 100

66 29.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

60000

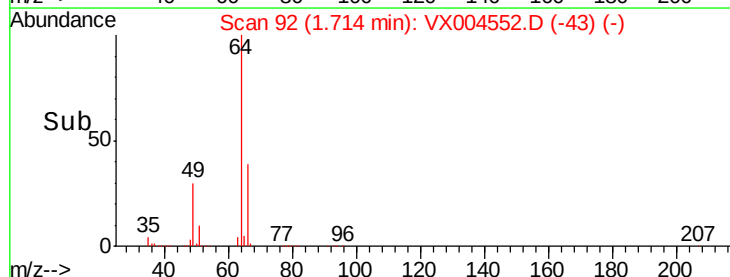
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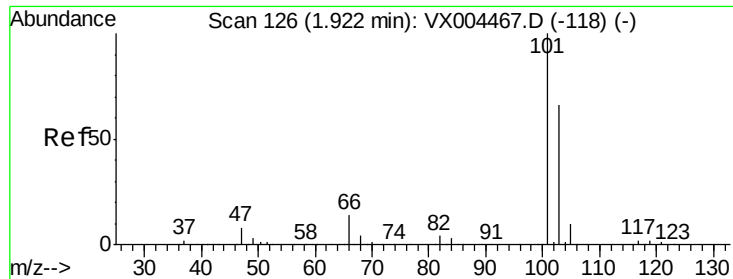
20000

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Time-->

1.60 1.70 1.80 1.90





#7

Trichlorofluoromethane

Concen: 47.95 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

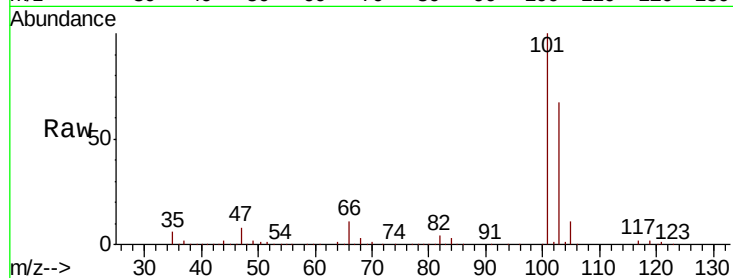
VSTDCCC050EC

Tot Ion:101 Resp: 239419

Ion Ratio Lower Upper

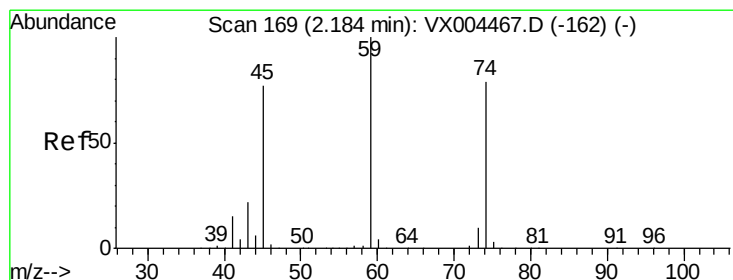
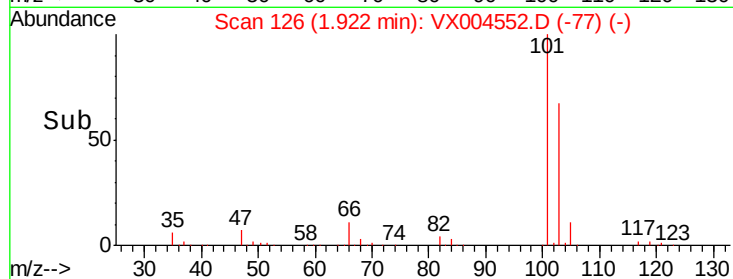
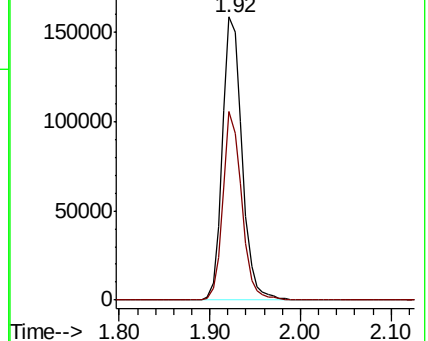
101 100

103 66.5 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.00 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX004552.D

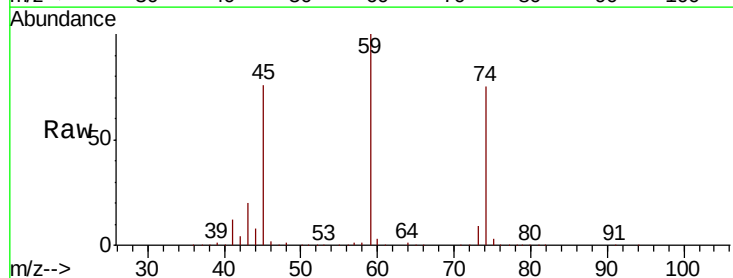
Acq: 14 Sep 2018 20:40

Tgt Ion: 74 Resp: 111924

Ion Ratio Lower Upper

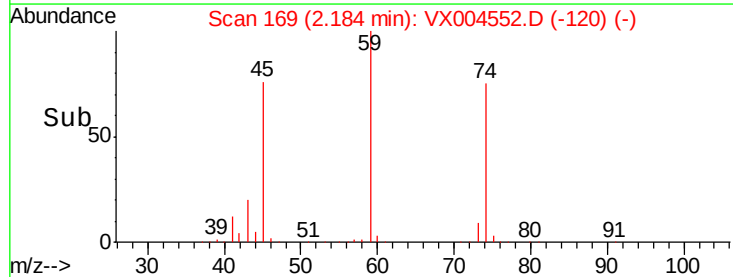
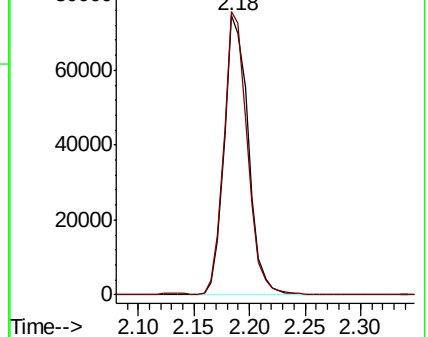
74 100

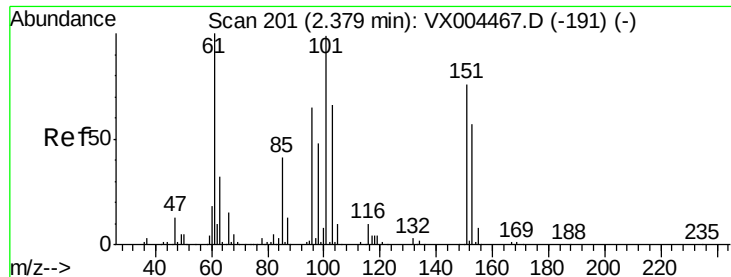
45 98.1 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.41 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

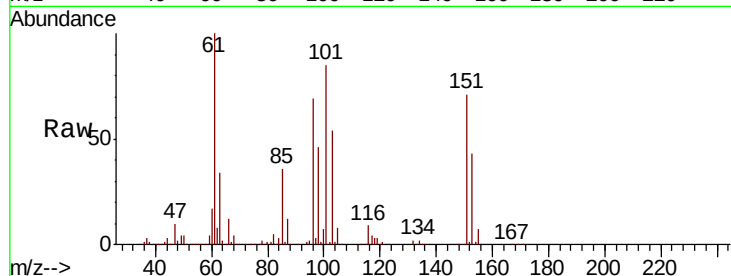
Tot Ion:101 Resp: 153321

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

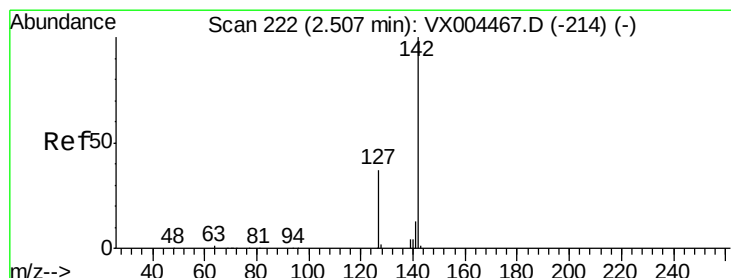
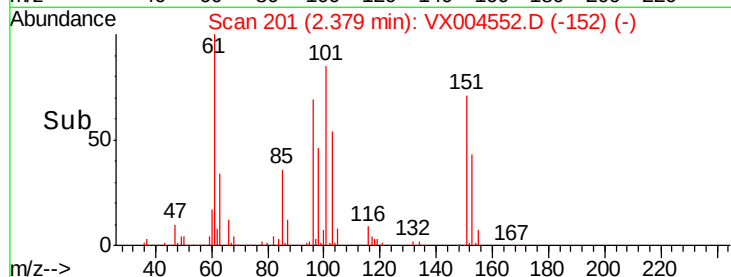
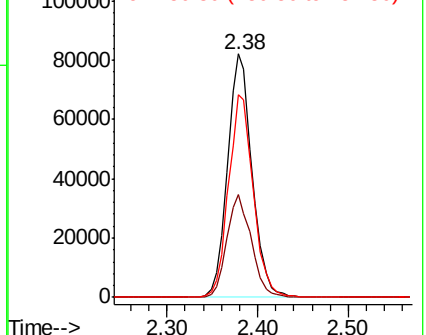
151 83.9 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.16 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

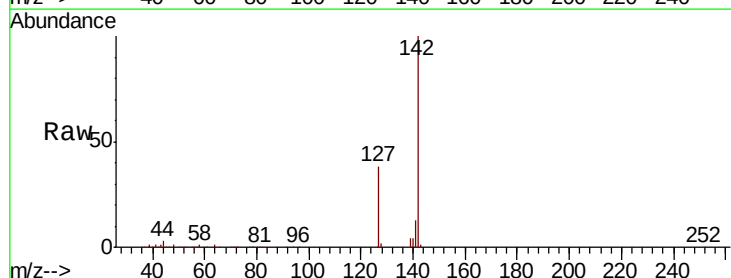
Tgt Ion:142 Resp: 144466

Ion Ratio Lower Upper

142 100

127 40.0 33.8 50.6

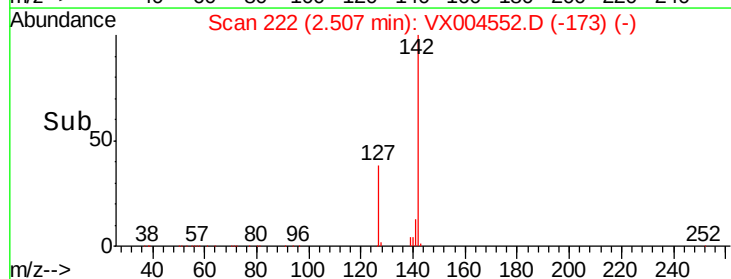
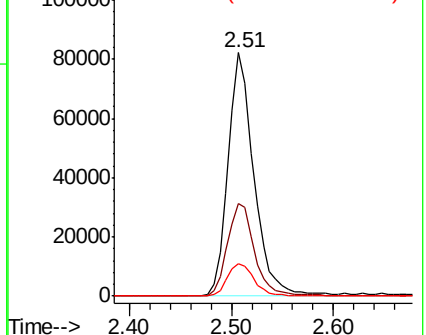
141 14.0 11.4 17.0

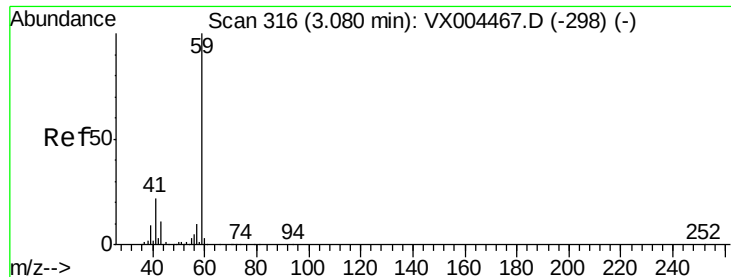


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

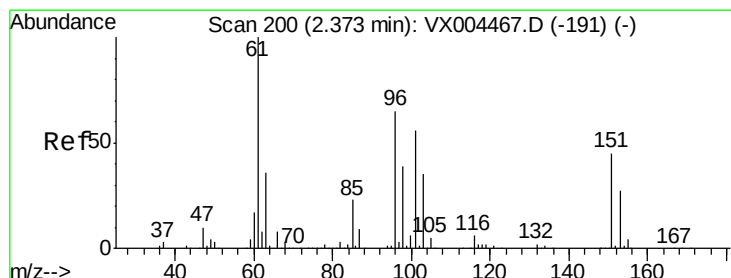
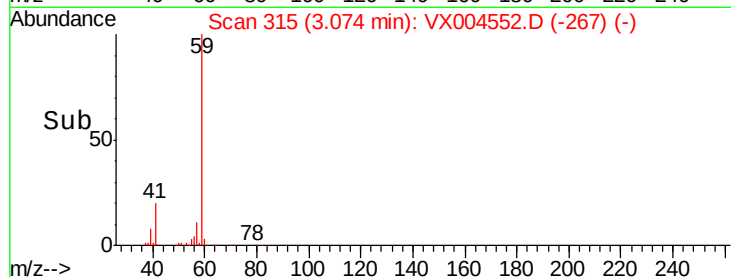
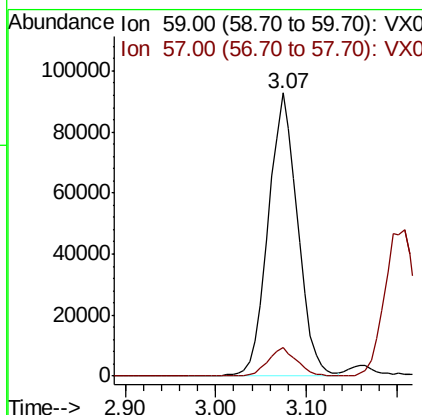
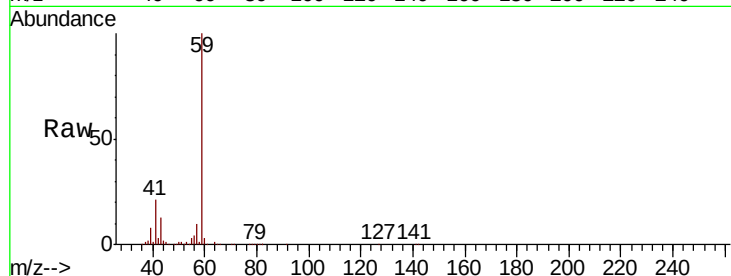




#11
Tert butyl alcohol
Concen: 237.68 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

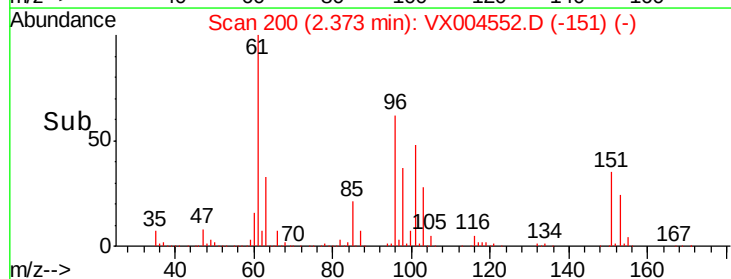
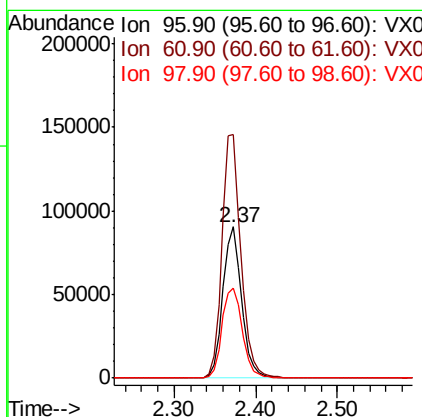
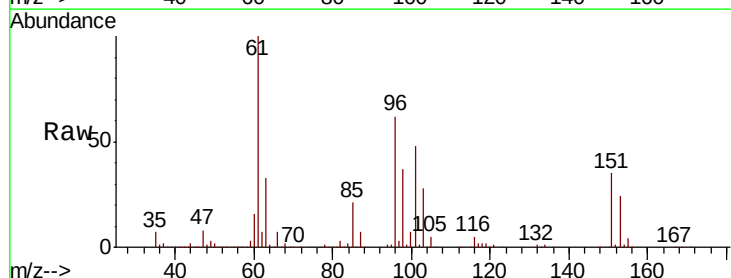
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

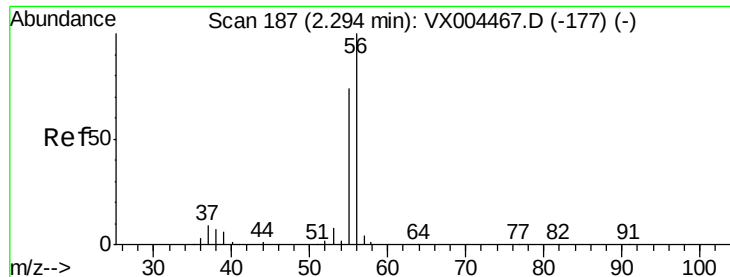
Tot Ion: 59 Resp: 208051
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.66 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 96 Resp: 144653
Ion Ratio Lower Upper
96 100
61 161.1 128.8 193.2
98 59.6 52.2 78.2





#13

Acrolein

Concen: 230.87 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

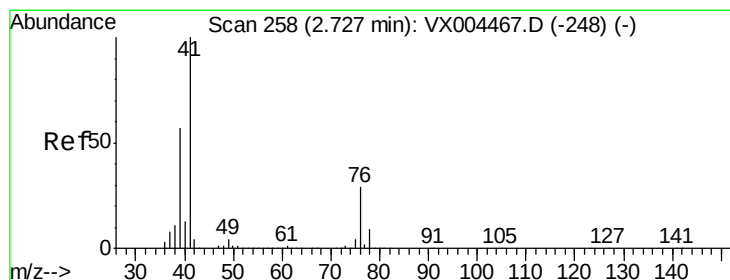
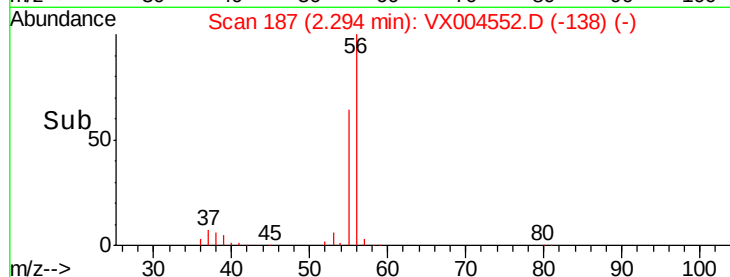
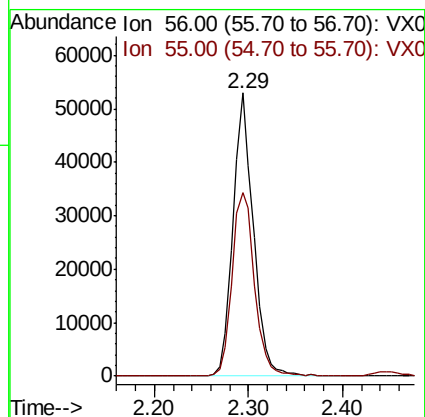
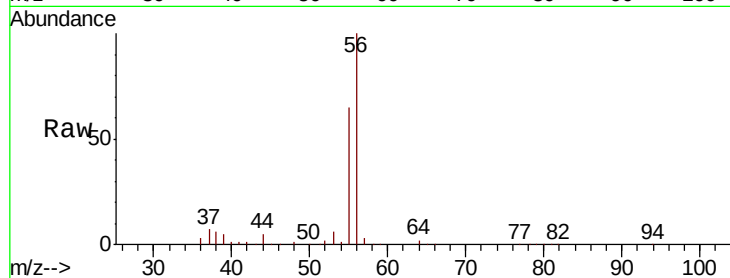
VSTDCCC050EC

Tot Ion: 56 Resp: 79774

Ion Ratio Lower Upper

56 100

55 71.2 54.7 82.1



#14

Allyl chloride

Concen: 47.26 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

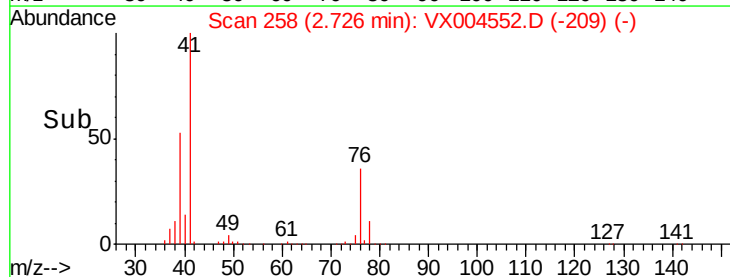
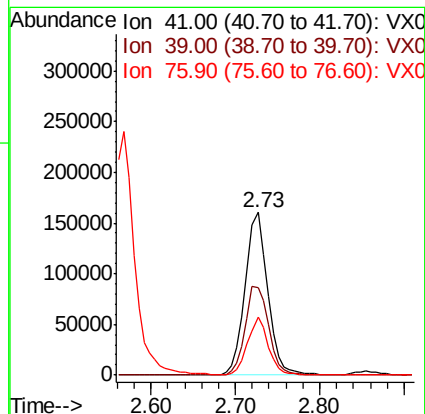
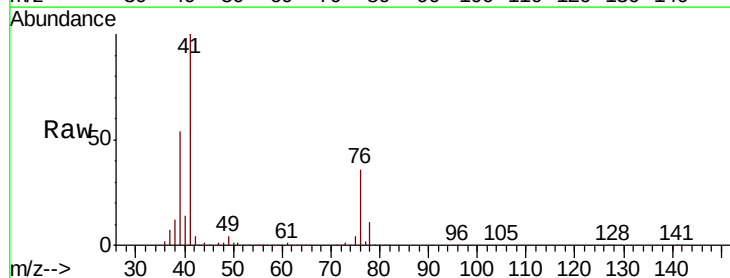
Tgt Ion: 41 Resp: 288862

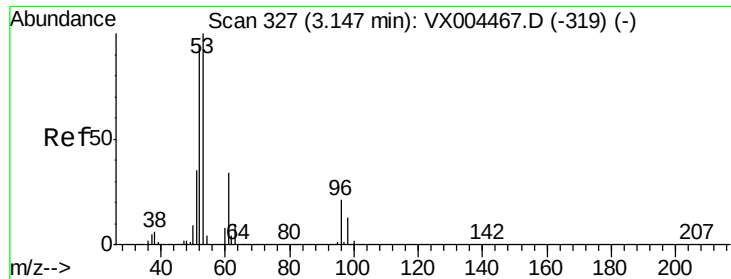
Ion Ratio Lower Upper

41 100

39 56.3 48.9 73.3

76 32.8 26.7 40.1





#15

Acrylonitrile

Concen: 235.65 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

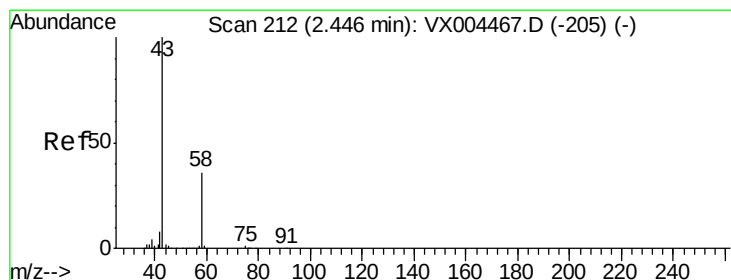
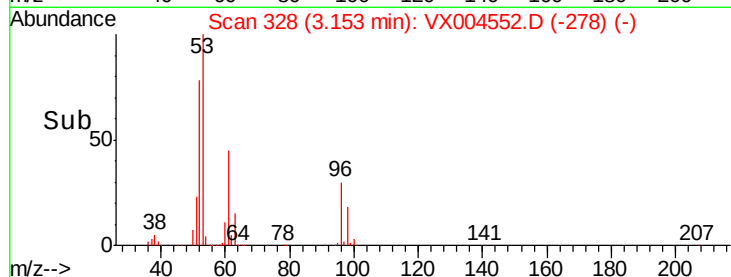
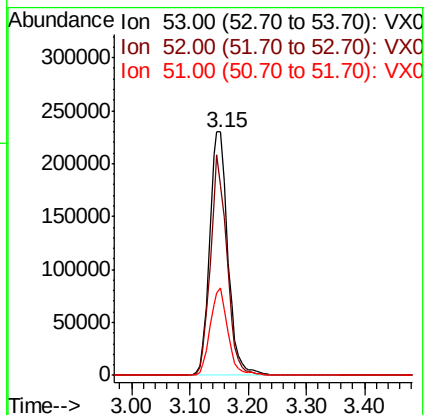
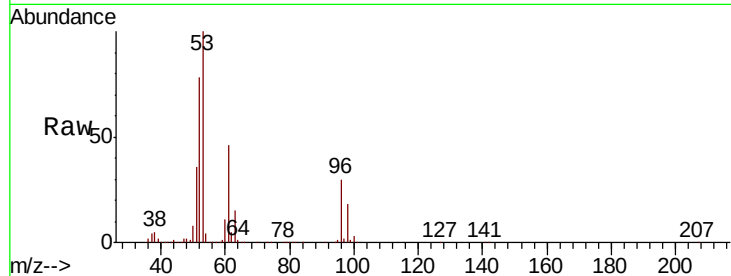
Tot Ion: 53 Resp: 496732

Ion Ratio Lower Upper

53 100

52 82.0 65.2 97.8

51 34.7 28.2 42.2



#16

Acetone

Concen: 216.90 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004552.D

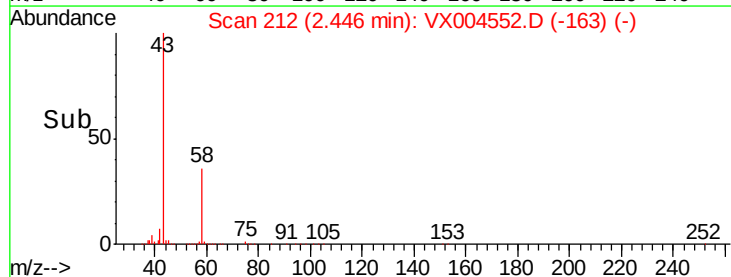
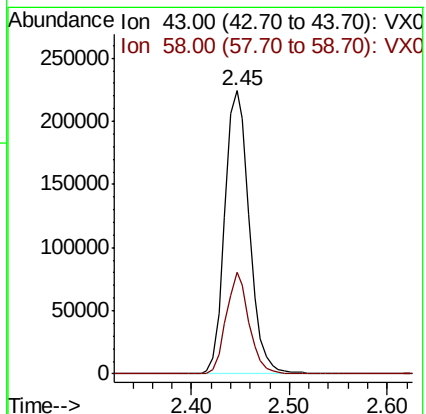
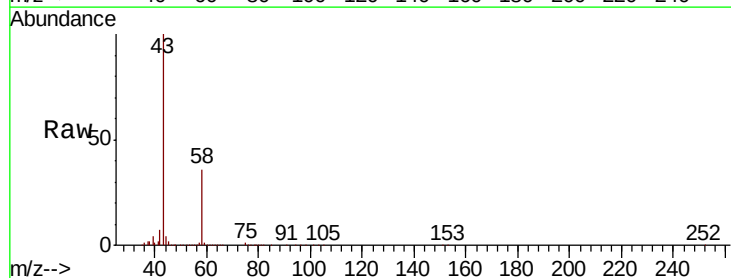
Acq: 14 Sep 2018 20:40

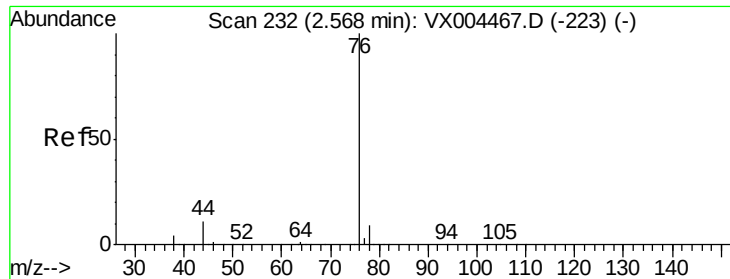
Tgt Ion: 43 Resp: 388349

Ion Ratio Lower Upper

43 100

58 35.8 26.2 39.4

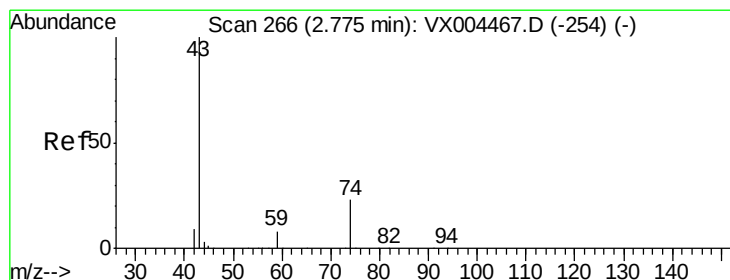
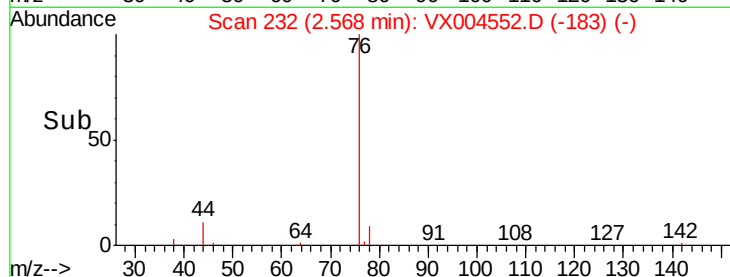
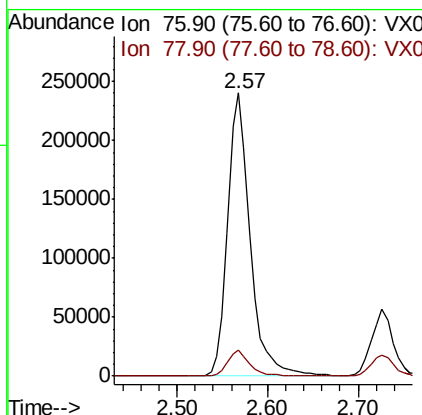
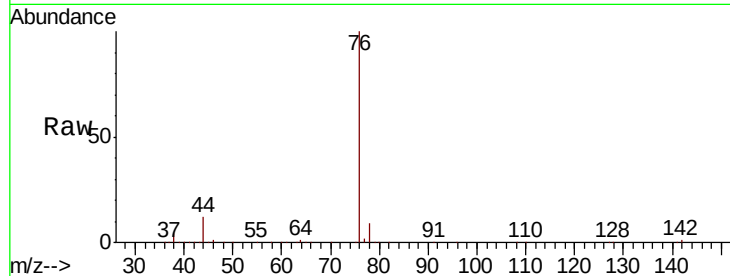




#17
Carbon Disulfide
Concen: 48.32 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

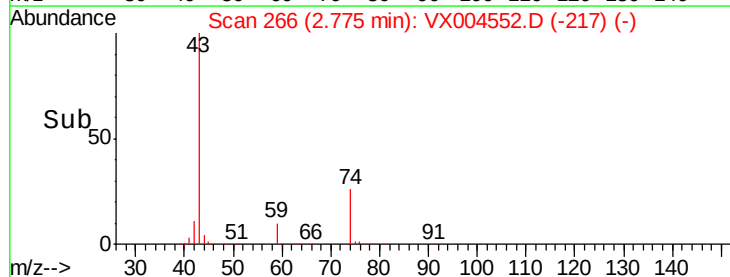
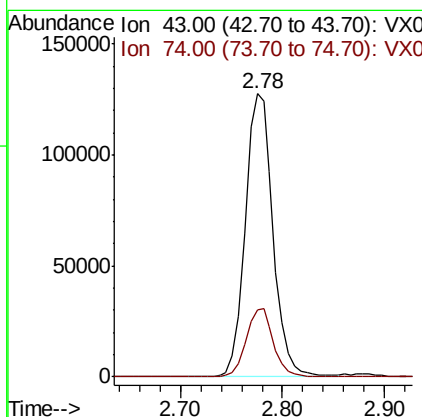
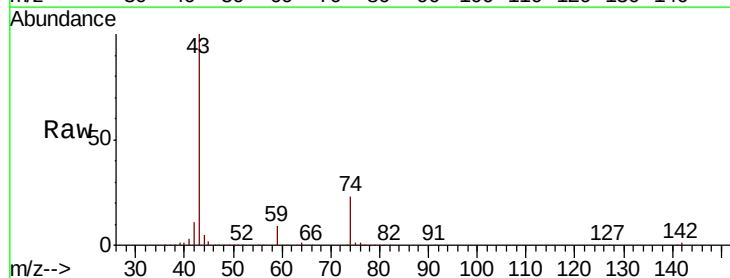
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

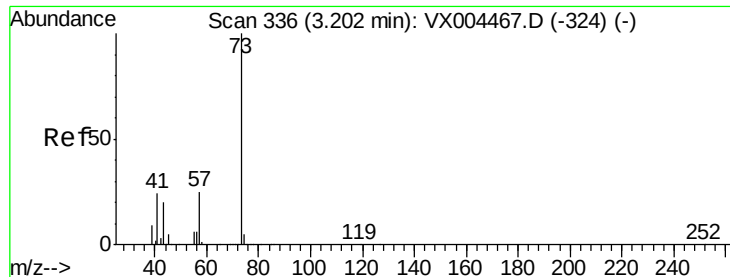
Tot Ion: 76 Resp: 415164
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 47.74 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 43 Resp: 239790
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 50.12 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

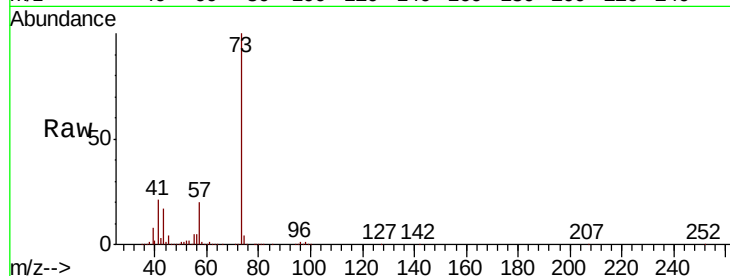
VSTDCCC050EC

Tot Ion: 73 Resp: 522789

Ion Ratio Lower Upper

73 100

57 19.9 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

250000

200000

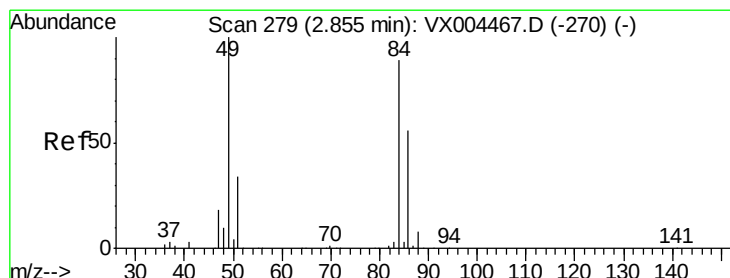
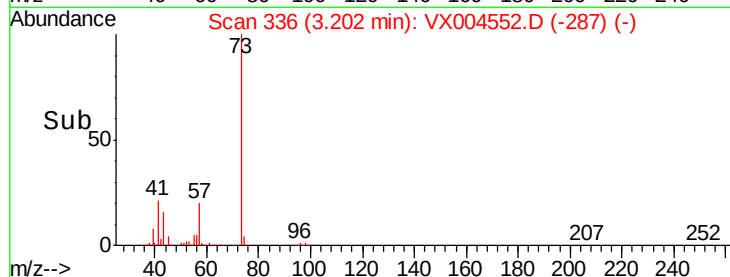
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 46.98 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Tgt Ion: 84 Resp: 172555

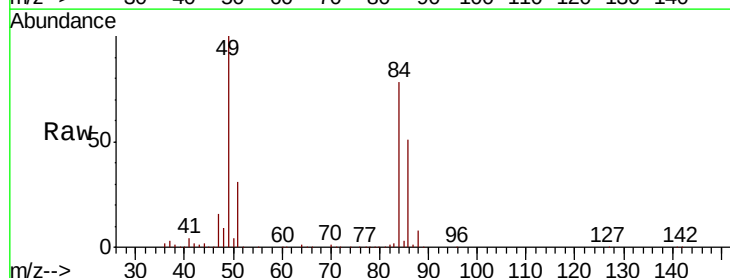
Ion Ratio Lower Upper

84 100

49 128.4 101.2 151.8

51 39.7 29.5 44.3

86 66.0 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

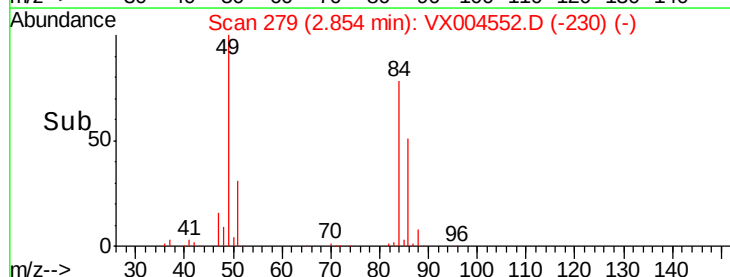
150000

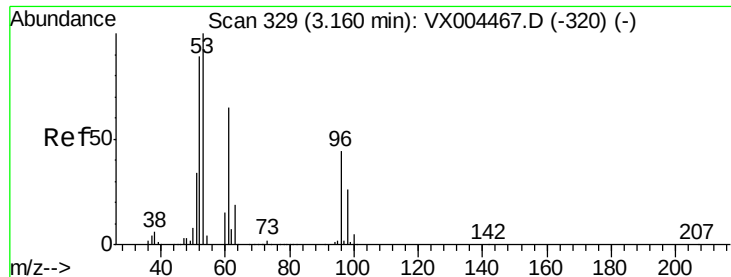
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.43 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

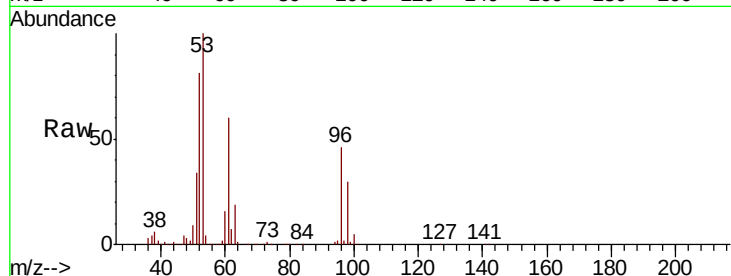
Tot Ion: 96 Resp: 162386

Ion Ratio Lower Upper

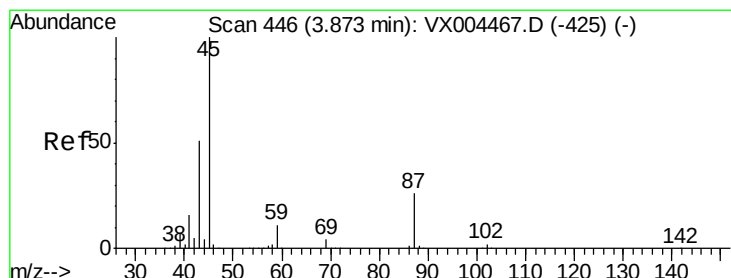
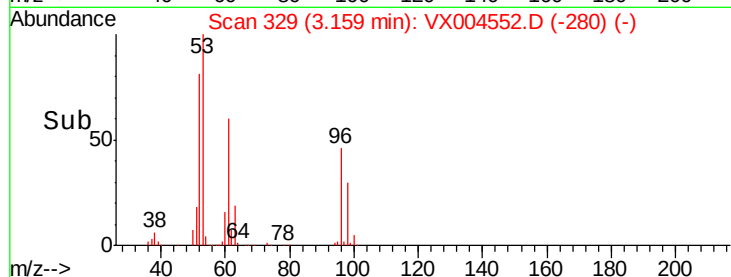
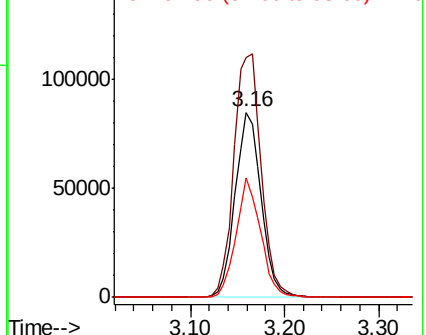
96 100

61 129.5 113.8 170.6

98 64.5 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: 48.99 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Tgt Ion: 45 Resp: 539288

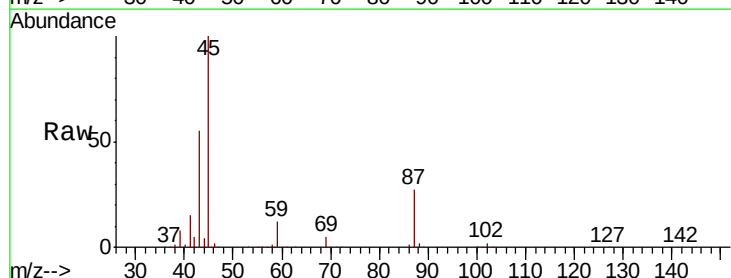
Ion Ratio Lower Upper

45 100

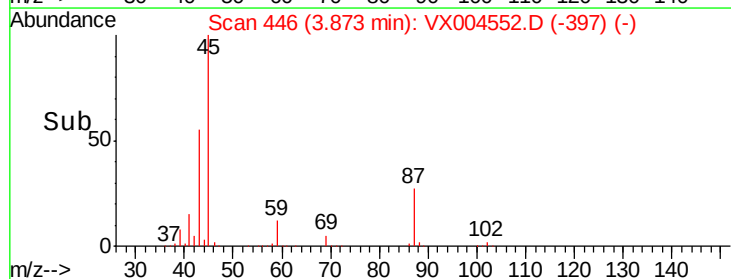
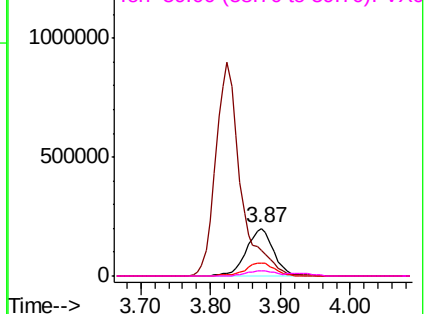
43 54.9 42.8 64.2

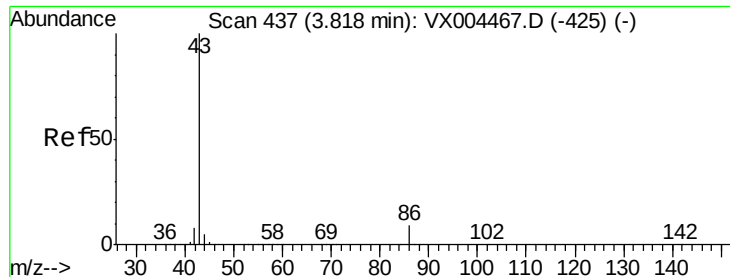
87 26.9 22.6 34.0

59 12.0 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: 250.69 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

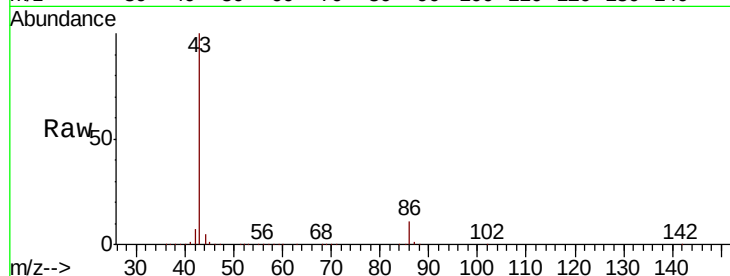
VSTDCCC050EC

Tot Ion: 43 Resp: 2233038

Ion Ratio Lower Upper

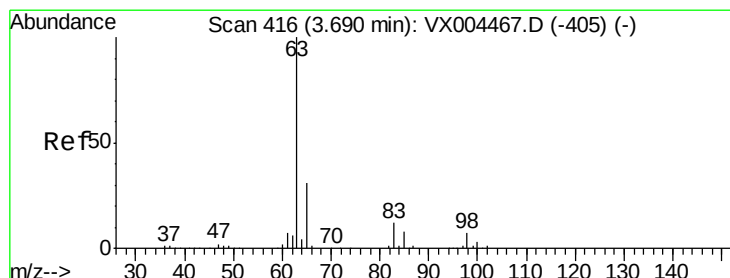
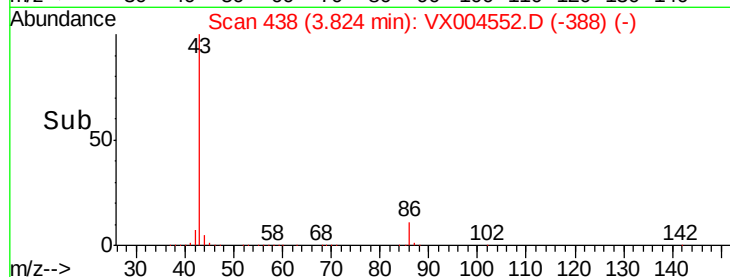
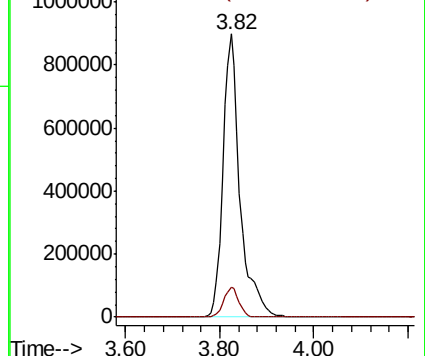
43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.28 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

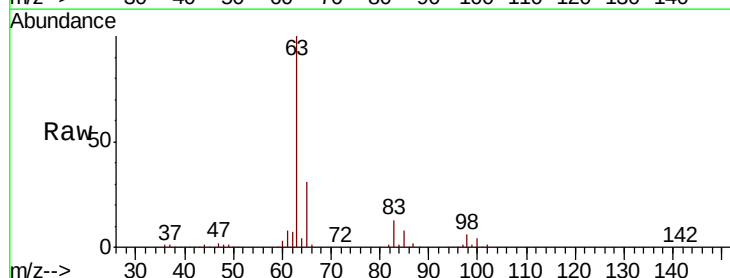
Tgt Ion: 63 Resp: 300060

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

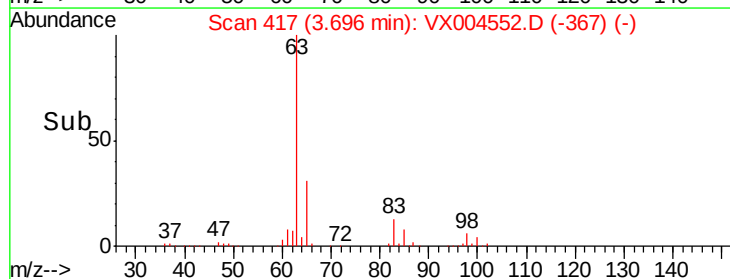
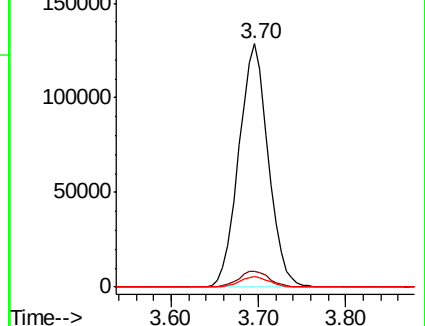
100 4.3 2.4 7.1

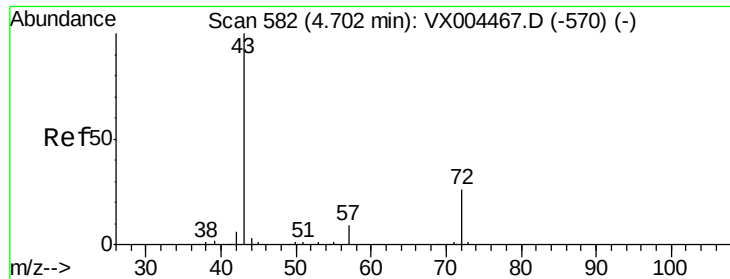


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.79 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

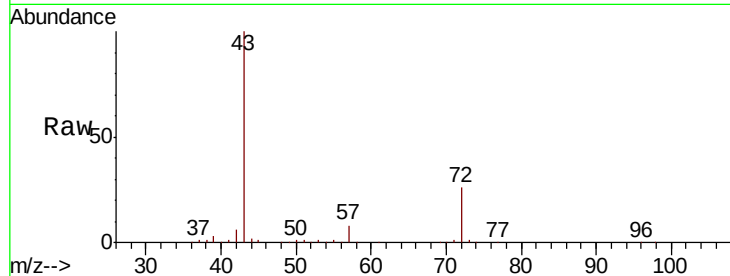
VSTDCCC050EC

Tot Ion: 43 Resp: 637720

Ion Ratio Lower Upper

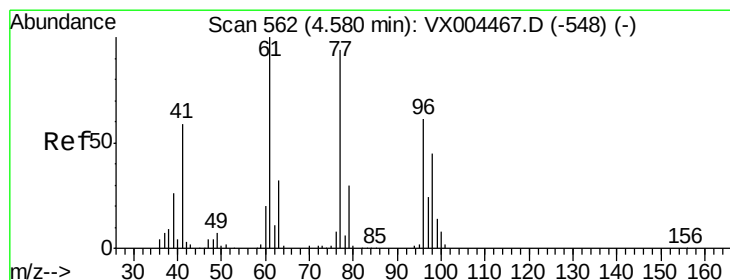
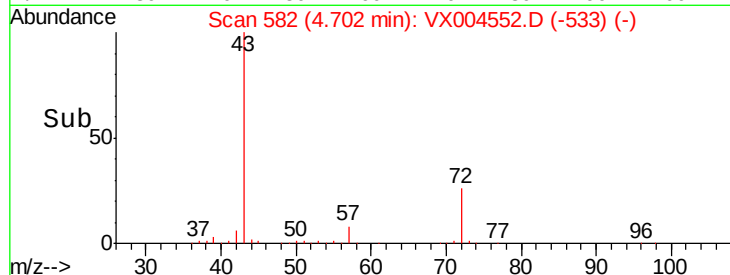
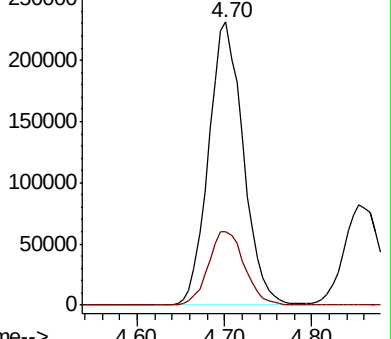
43 100

72 25.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.93 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004552.D

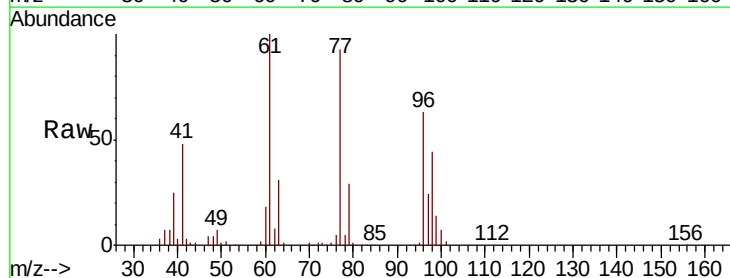
Acq: 14 Sep 2018 20:40

Tgt Ion: 77 Resp: 200336

Ion Ratio Lower Upper

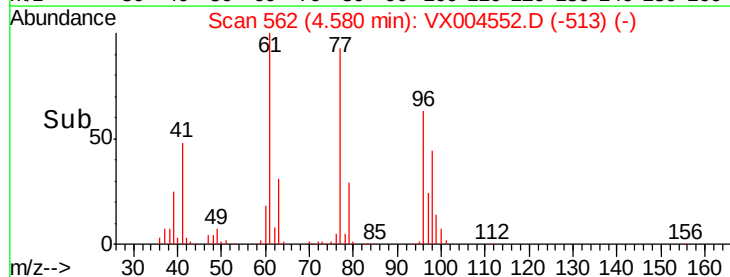
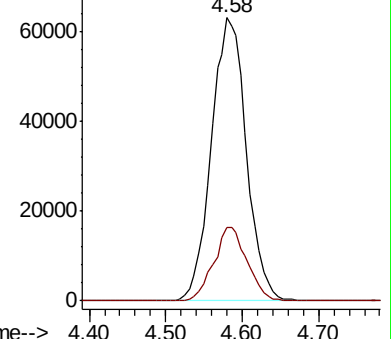
77 100

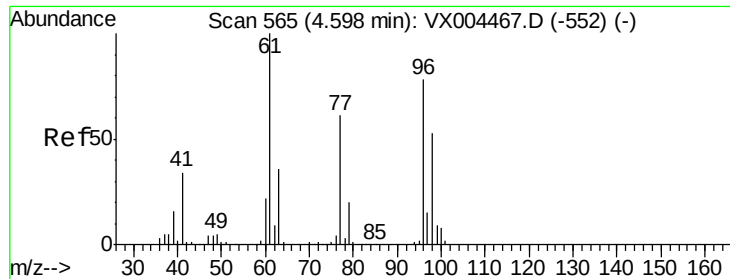
97 24.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



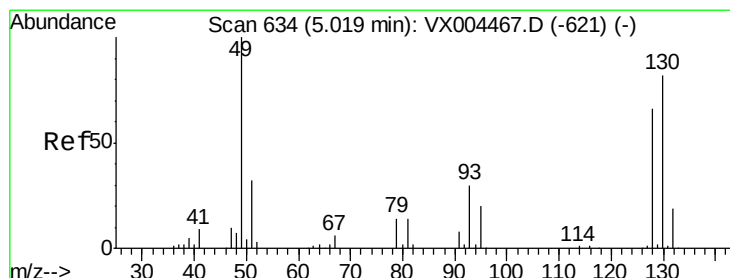
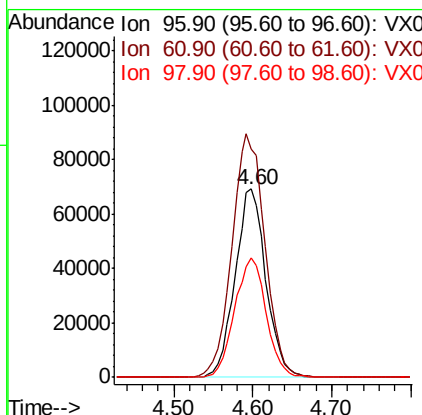
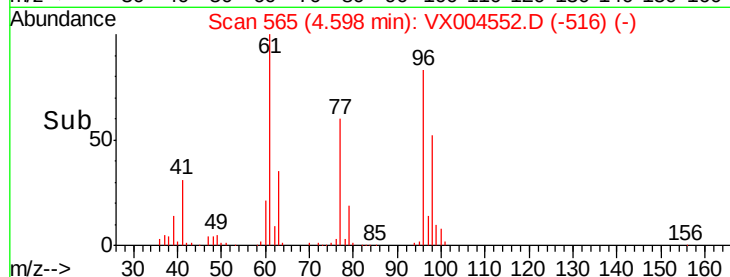
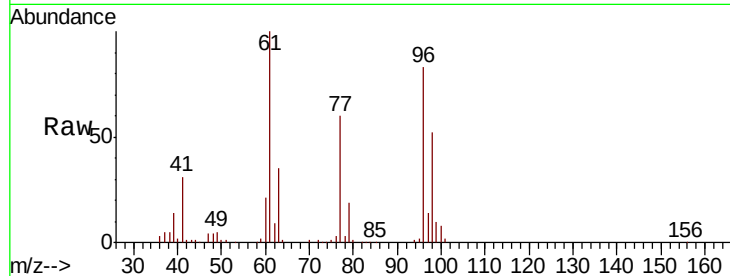


#27

cis-1,2-Dichloroethene
 Concen: 51.20 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

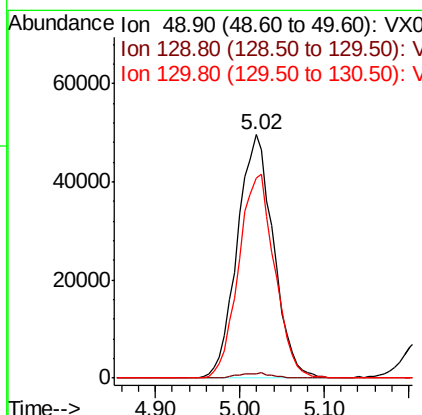
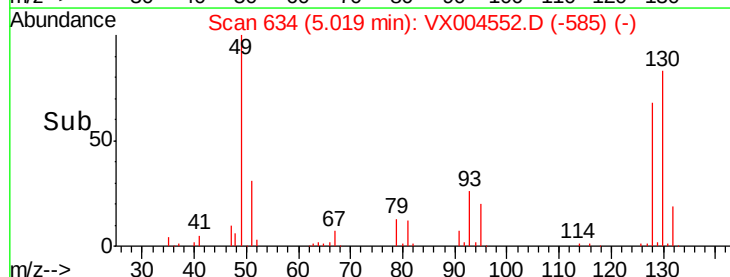
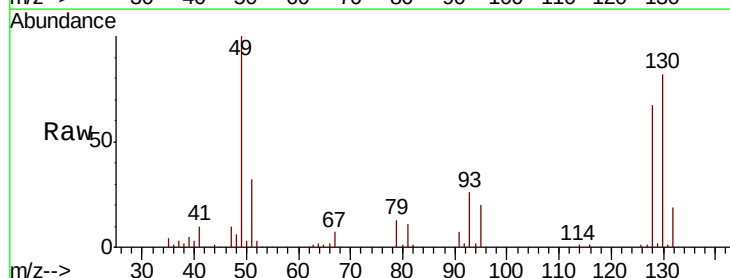
Tot Ion: 96 Resp: 187749
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 282.6
 98 65.0 0.0 130.2

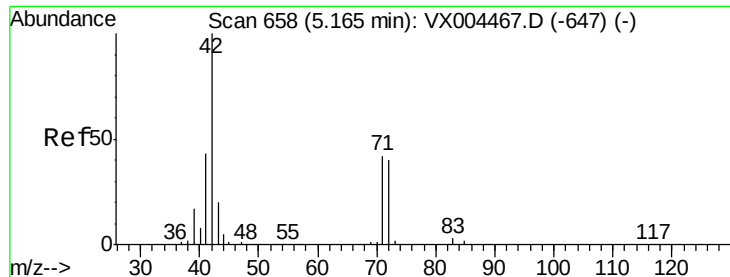


#28

Bromochloromethane
 Concen: 50.69 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion: 49 Resp: 144105
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 83.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 241.99 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

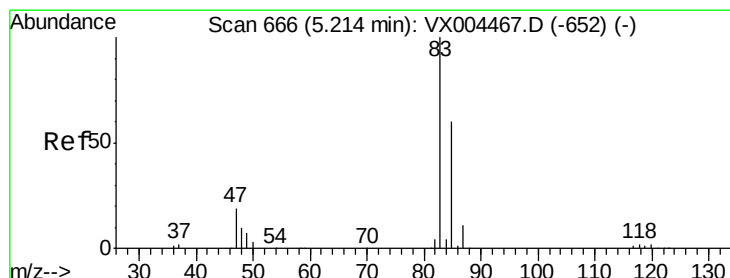
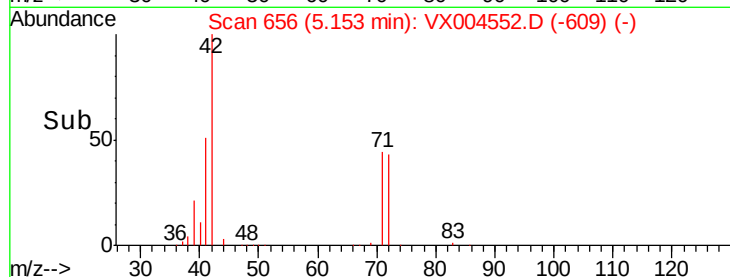
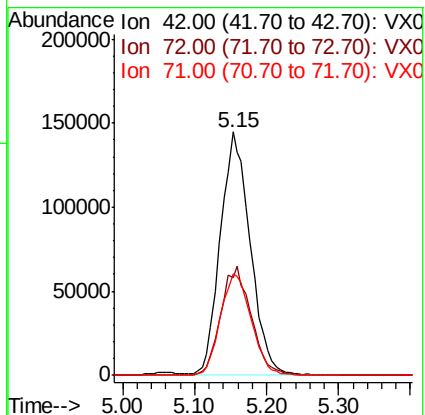
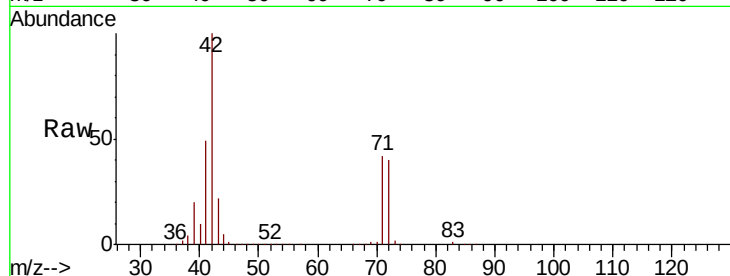
Tot Ion: 42 Resp: 415845

Ion Ratio Lower Upper

42 100

72 45.9 37.4 56.0

71 43.2 34.5 51.7



#30

Chloroform

Concen: 48.56 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004552.D

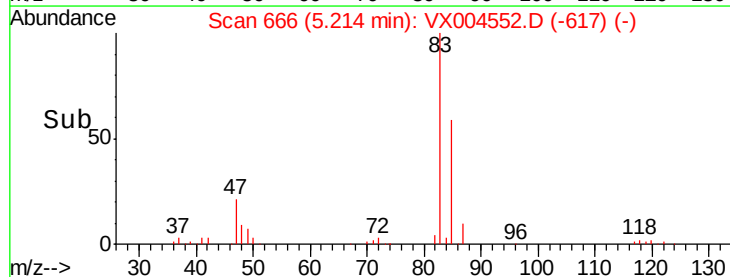
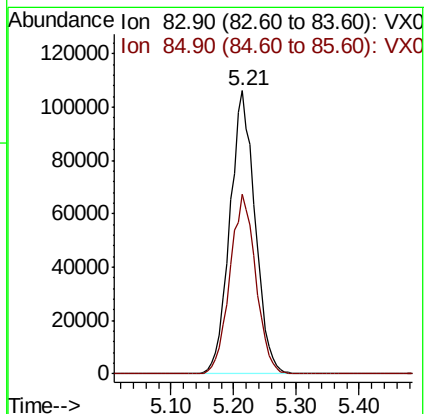
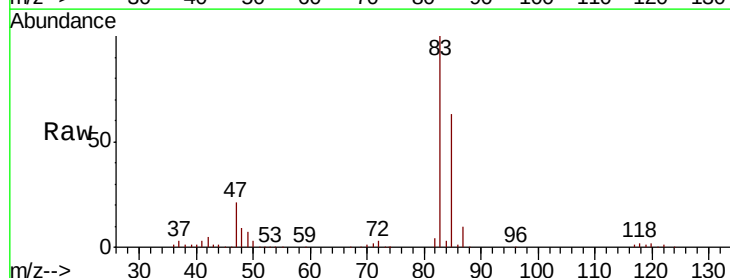
Acq: 14 Sep 2018 20:40

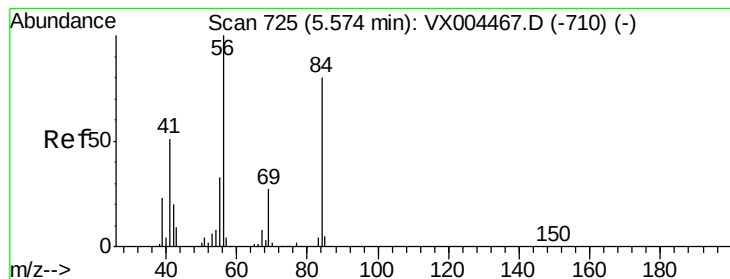
Tgt Ion: 83 Resp: 294636

Ion Ratio Lower Upper

83 100

85 63.4 52.6 79.0





#31

Cyclohexane

Concen: 51.87 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

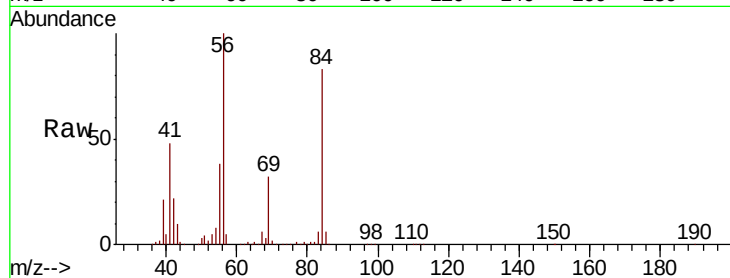
Tot Ion: 56 Resp: 275245

Ion Ratio Lower Upper

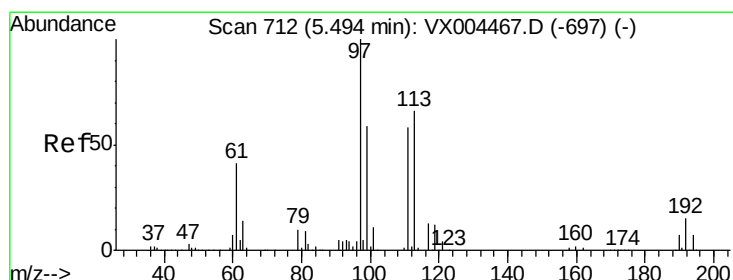
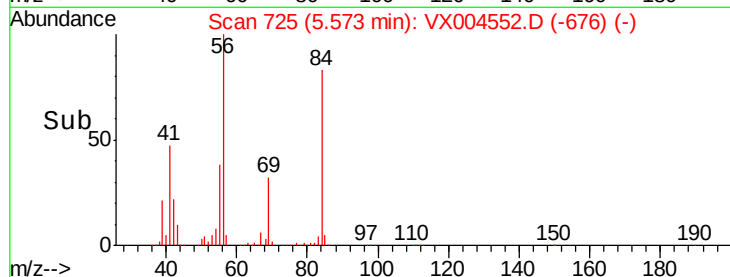
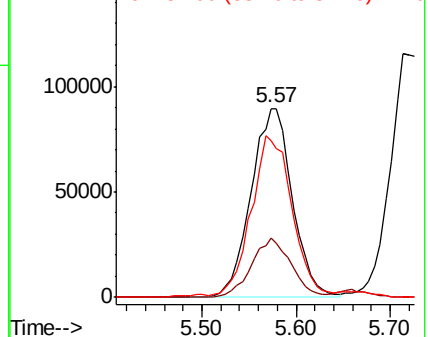
56 100

69 31.5 25.4 38.2

84 81.5 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: 50.59 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

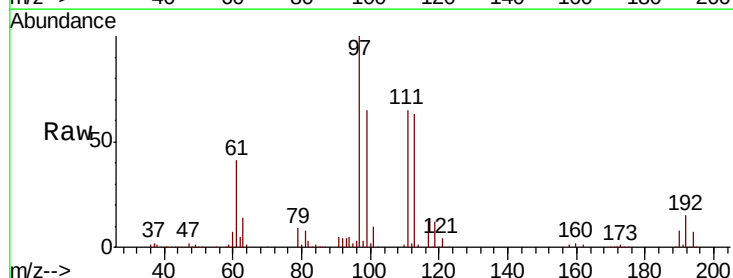
Tgt Ion: 97 Resp: 247233

Ion Ratio Lower Upper

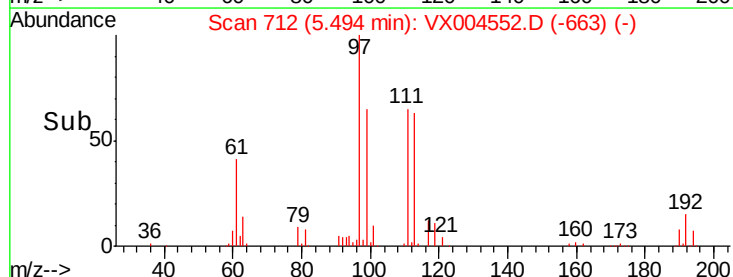
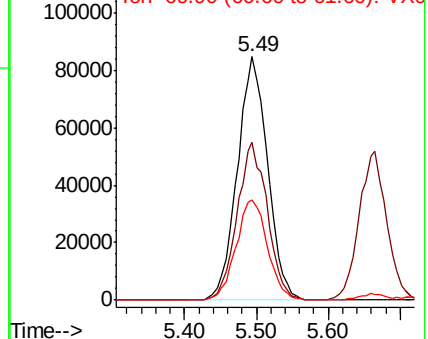
97 100

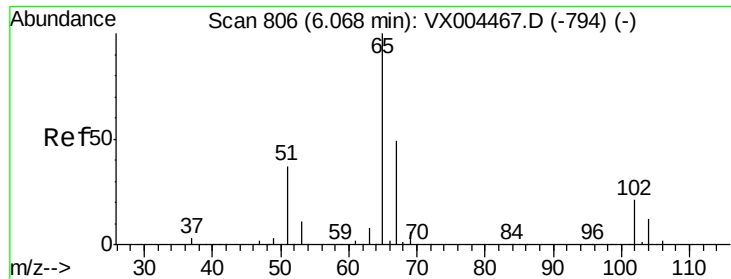
99 64.6 52.0 78.0

61 42.5 34.9 52.3



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

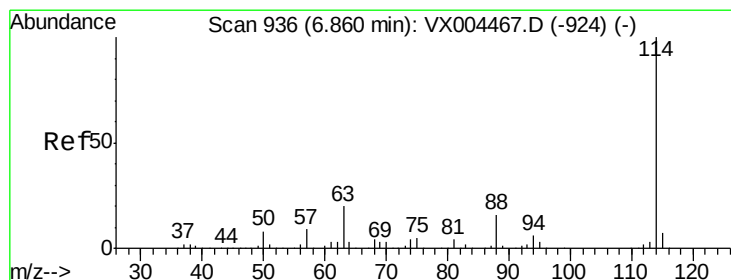
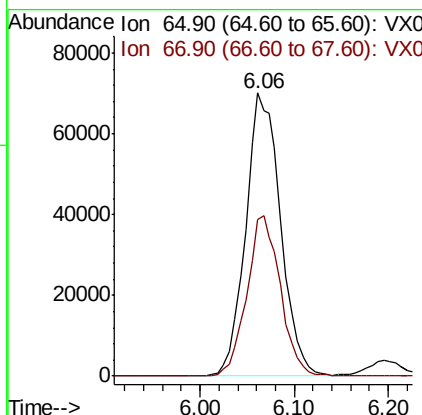
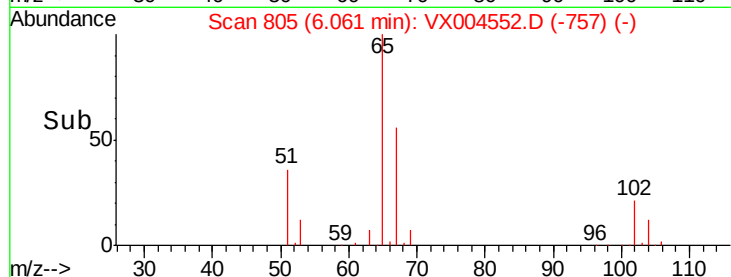
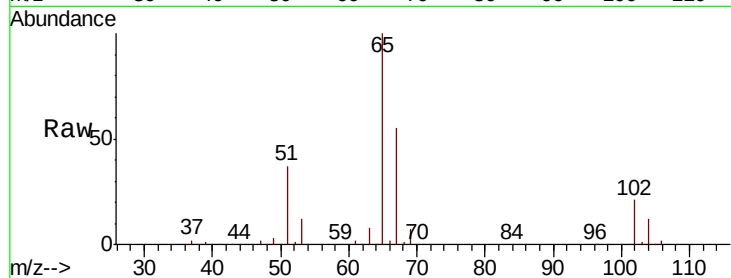




#33
 1,2-Dichloroethane-d4
 Concen: 49.53 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

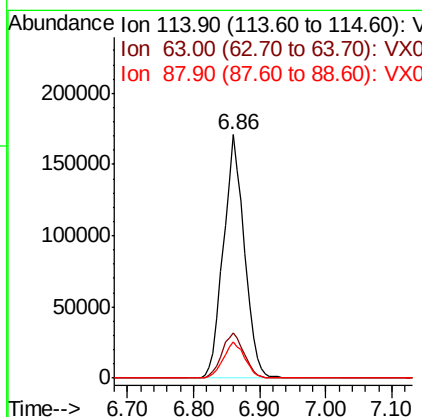
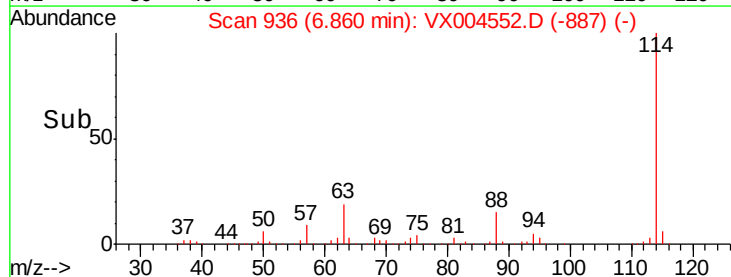
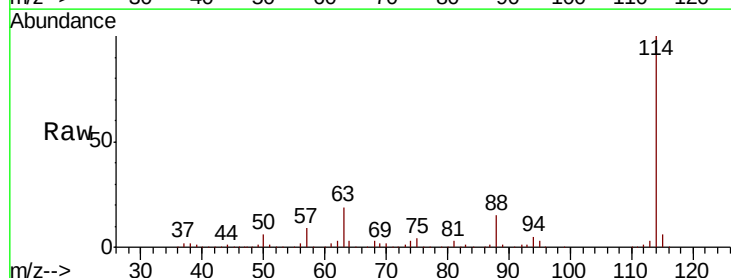
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

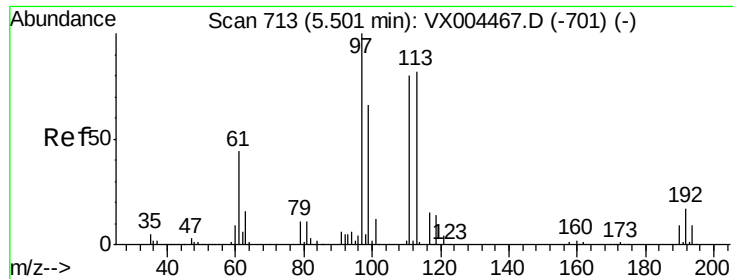
Tot Ion: 65 Resp: 181700
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion: 114 Resp: 375609
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.0
 88 14.9 0.0 30.4

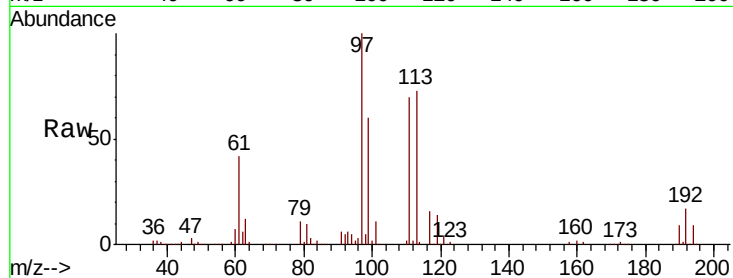




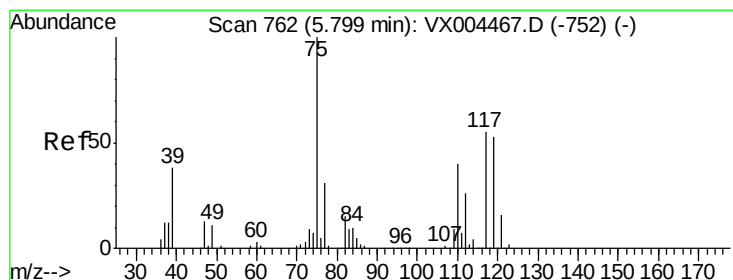
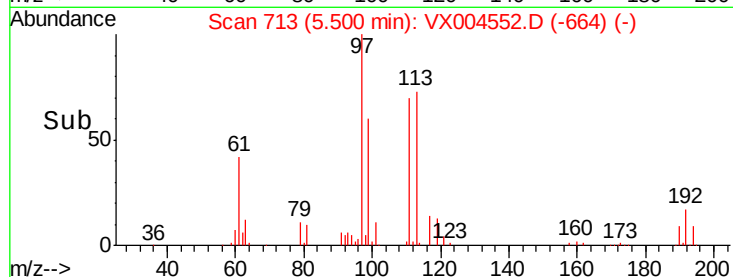
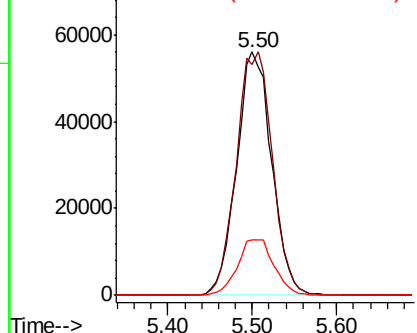
#35
Dibromofluoromethane
Concen: 45.83 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 157537
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 23.9 19.4 29.2

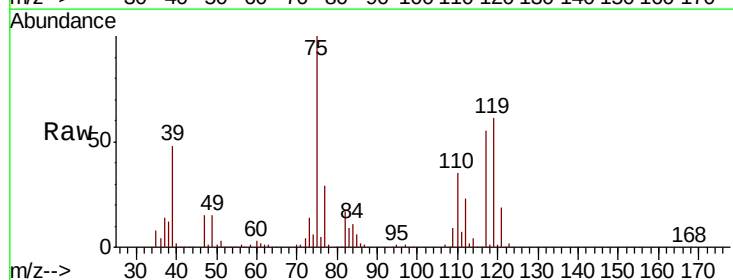


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

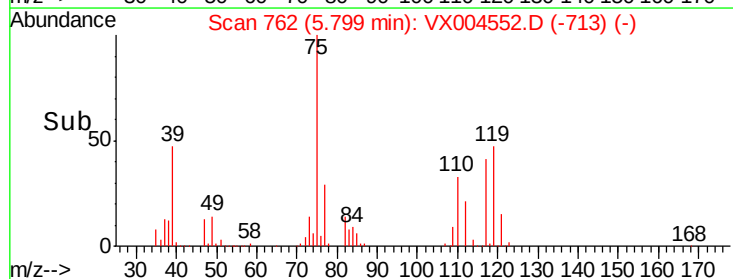
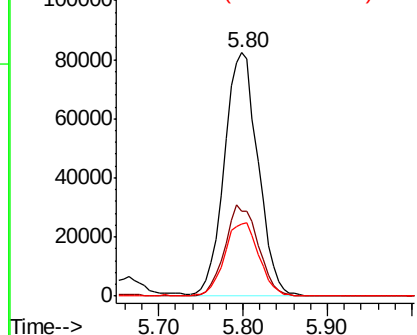


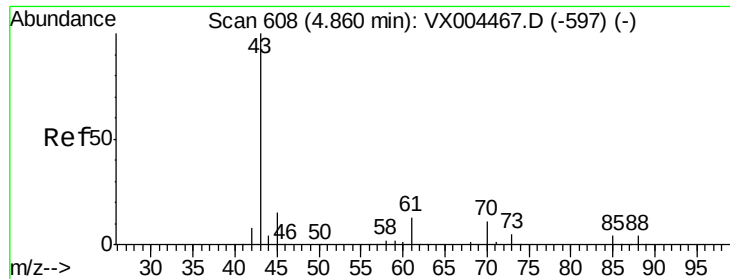
#36
1,1-Dichloropropene
Concen: 49.19 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 75 Resp: 224298
Ion Ratio Lower Upper
75 100
110 37.1 18.0 54.0
77 30.8 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: 46.40 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

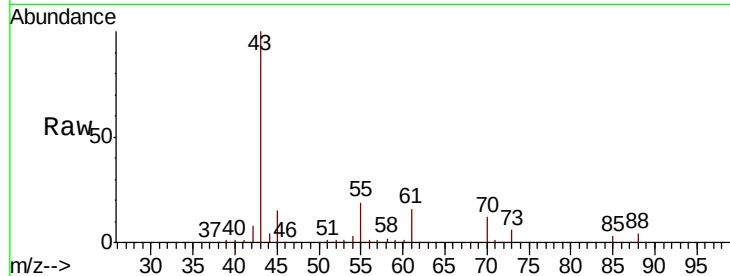
Tot Ion: 43 Resp: 240626

Ion Ratio Lower Upper

43 100

61 15.3 11.5 17.3

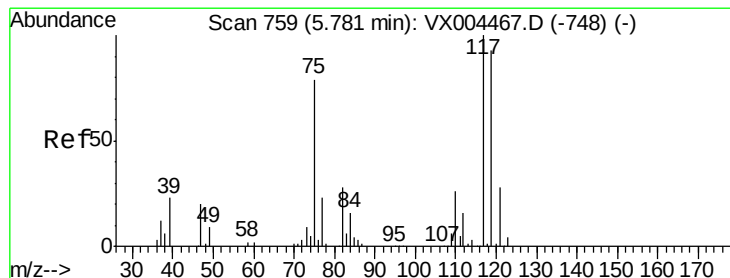
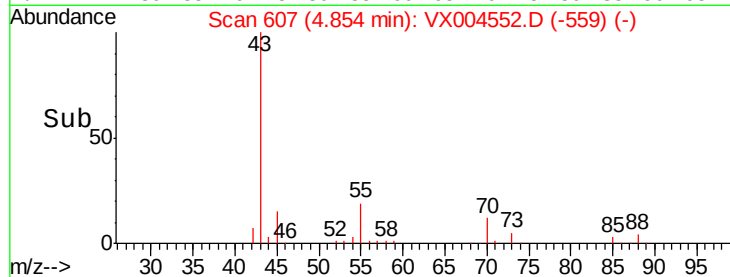
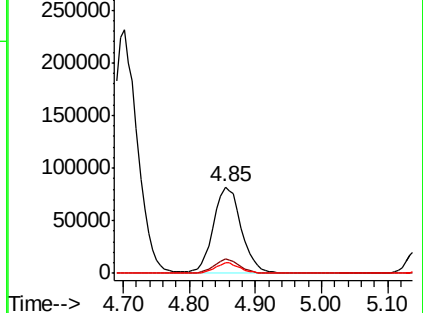
70 11.2 9.0 13.6



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: 47.54 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

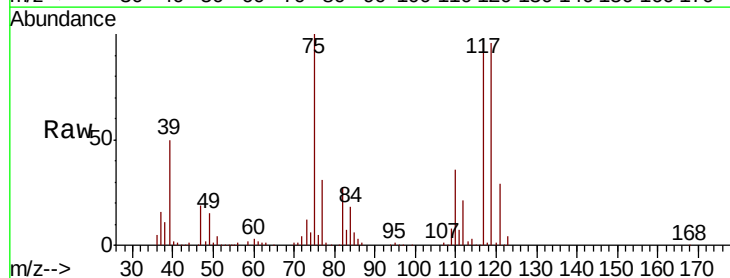
Tgt Ion: 117 Resp: 211742

Ion Ratio Lower Upper

117 100

119 99.0 78.8 118.2

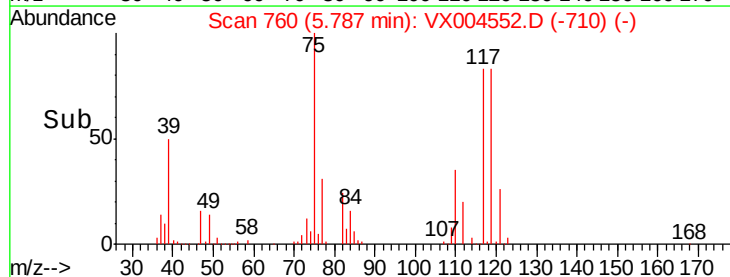
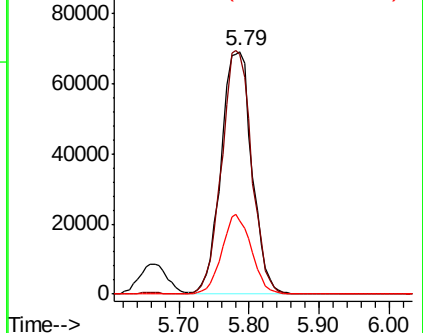
121 30.4 24.9 37.3

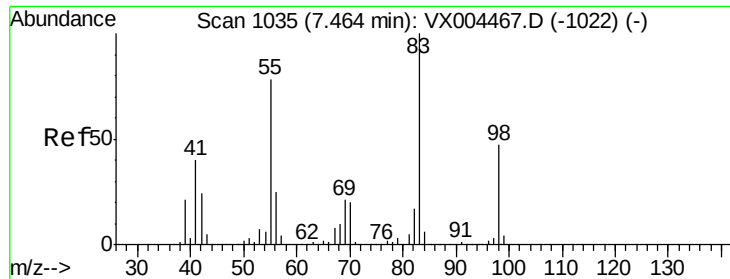


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

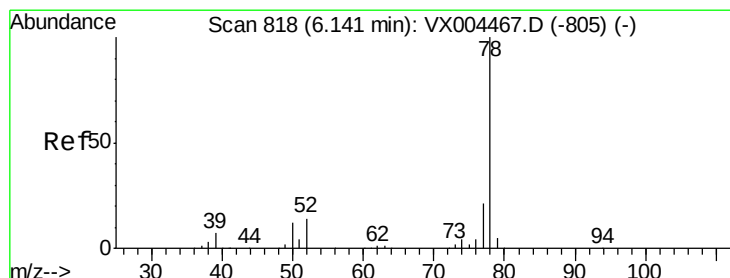
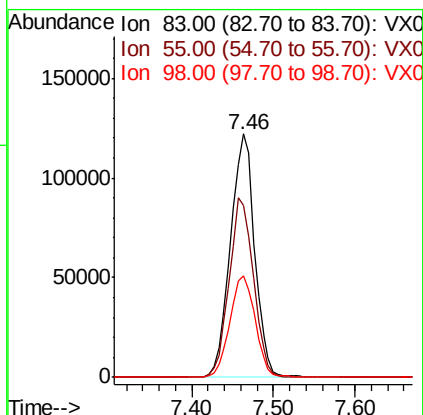
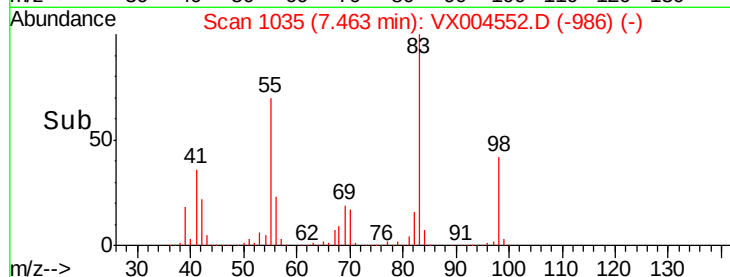
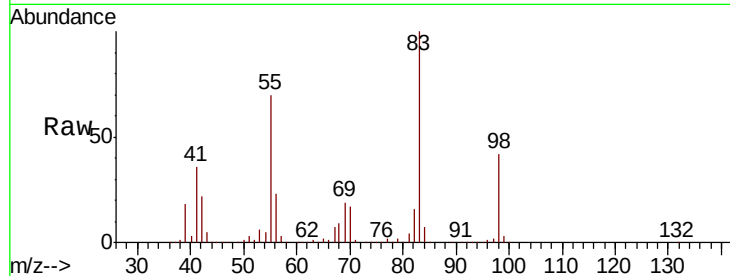




#39
Methylvlcyclohexane
Concen: 52.36 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

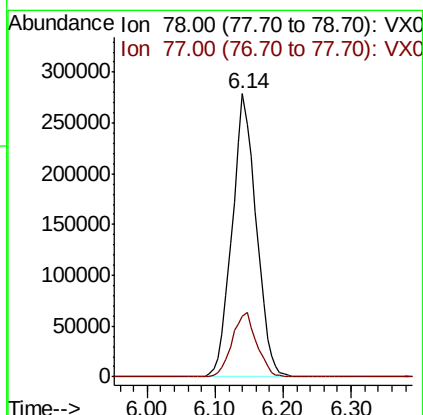
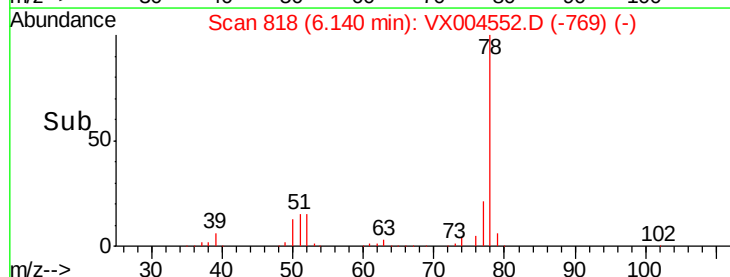
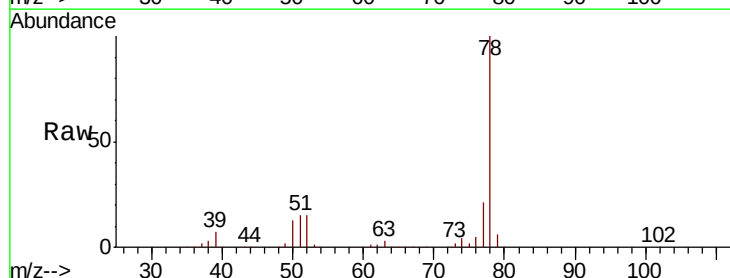
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

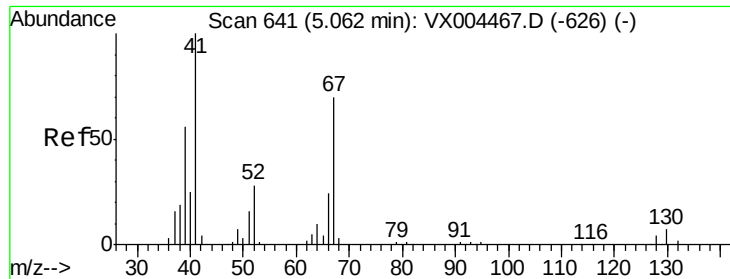
Tot Ion: 83 Resp: 249145
Ion Ratio Lower Upper
83 100
55 70.4 61.0 91.4
98 41.8 39.6 59.4



#40
Benzene
Concen: 50.62 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 78 Resp: 684942
Ion Ratio Lower Upper
78 100
77 21.4 19.0 28.4

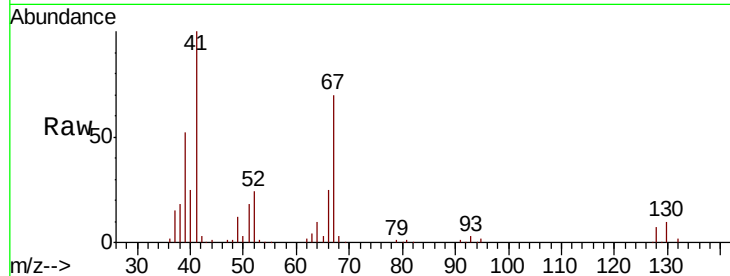




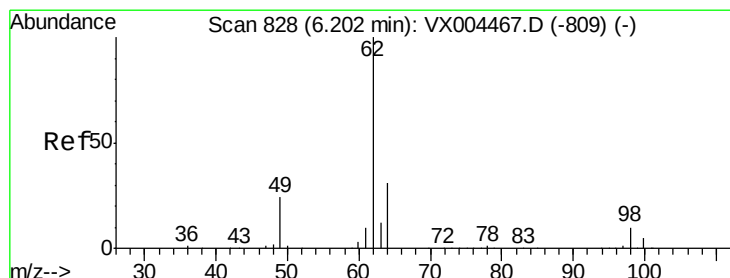
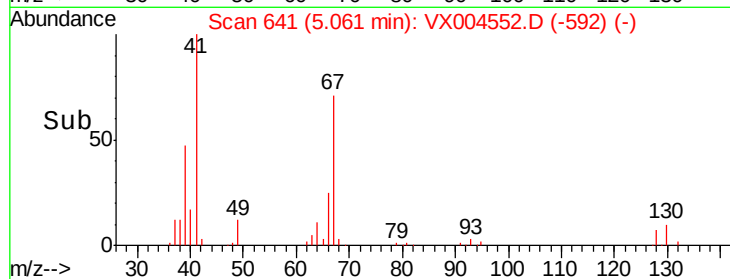
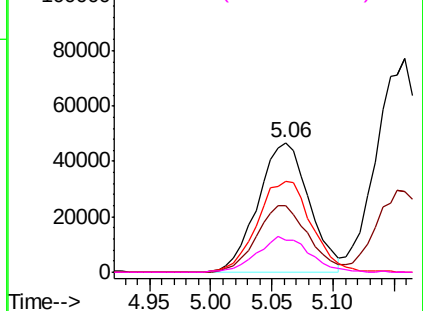
#41
Methacrylonitrile
Concen: 47.49 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	135718
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.4	63.6
67	75.0	59.2	88.8
52	27.4	23.0	34.4

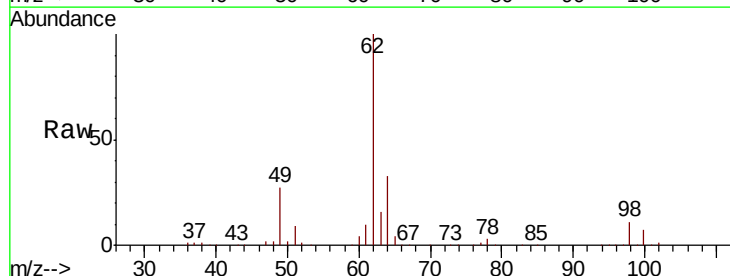


Abundance Ion 41.00 (40.70 to 41.70): VX0
120000 Ion 39.00 (38.70 to 39.70): VX0
100000 Ion 67.00 (66.70 to 67.70): VX0
80000 Ion 52.00 (51.70 to 52.70): VX0

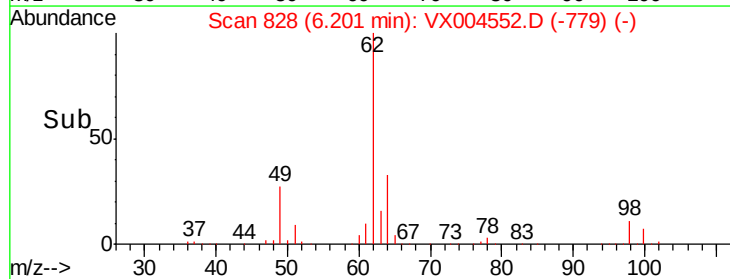
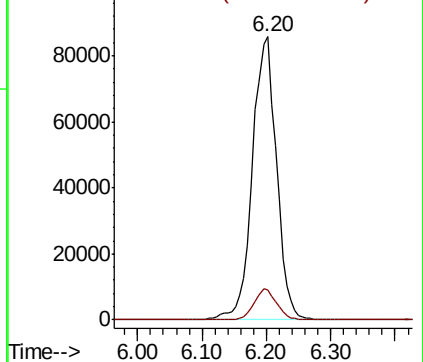


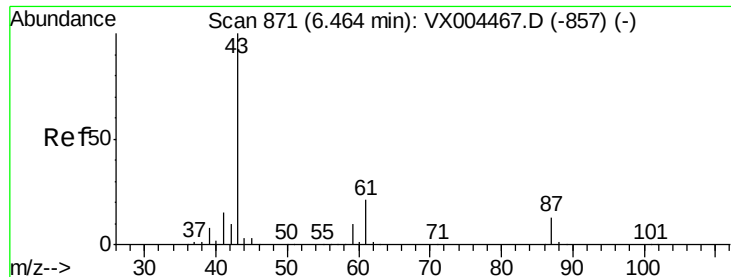
#42
1,2-Dichloroethane
Concen: 48.83 ug/l
RT: 6.20 min Scan# 828
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion:	62	Resp:	219132
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
100000 Ion 97.90 (97.60 to 98.60): VX0



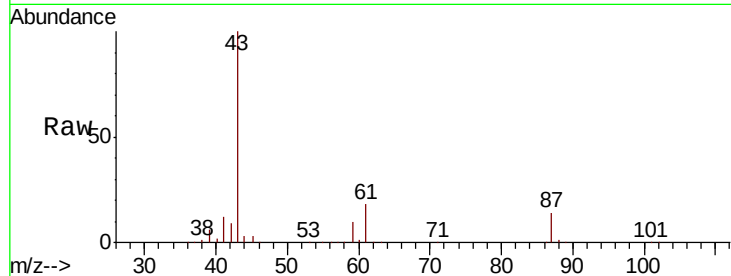


#43

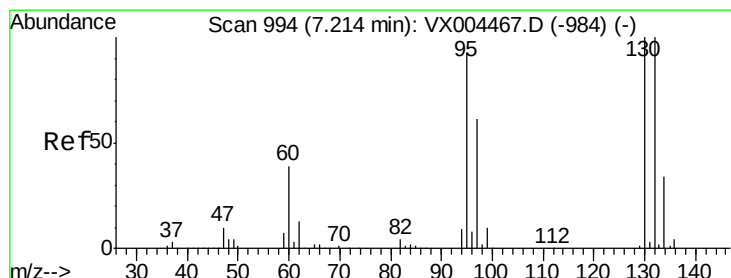
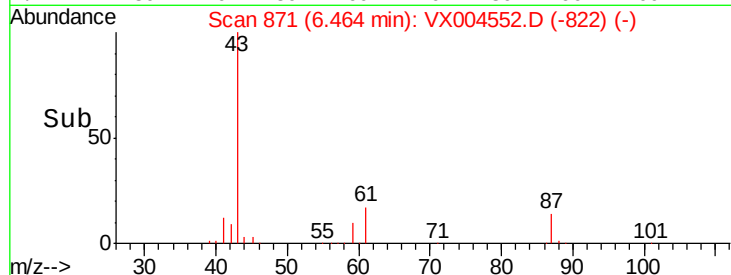
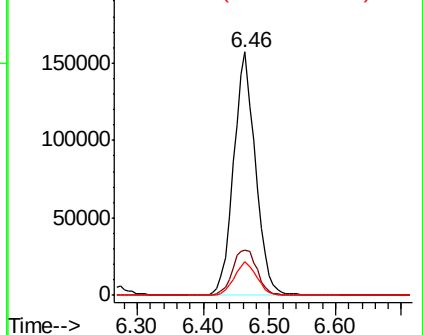
Isopropyl Acetate
 Concen: 52.07 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 358708
 Ion Ratio Lower Upper
 43 100
 61 21.1 17.0 25.4
 87 14.2 11.4 17.2



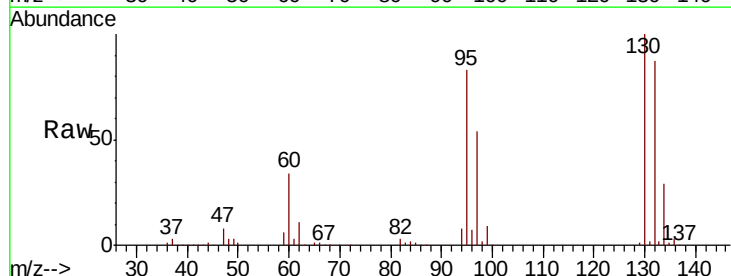
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



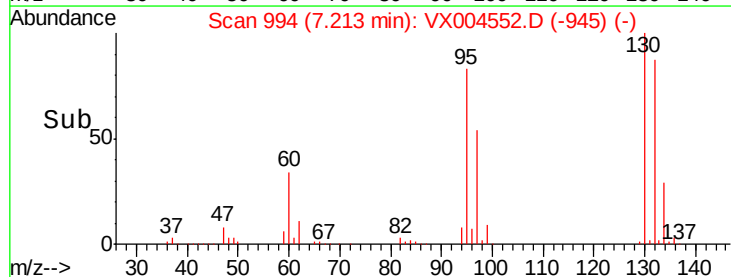
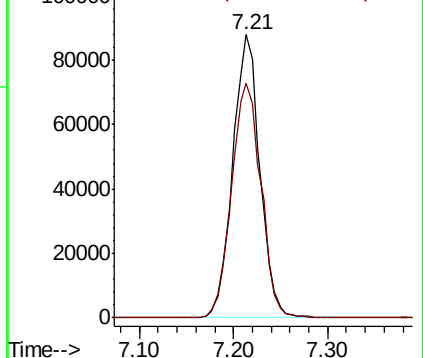
#44

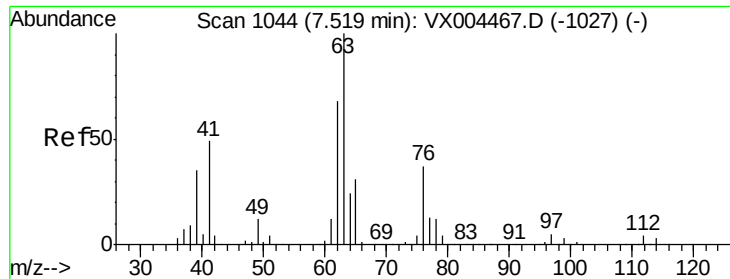
Trichloroethene
 Concen: 49.99 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion:130 Resp: 175714
 Ion Ratio Lower Upper
 130 100
 95 83.0 0.0 181.6



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

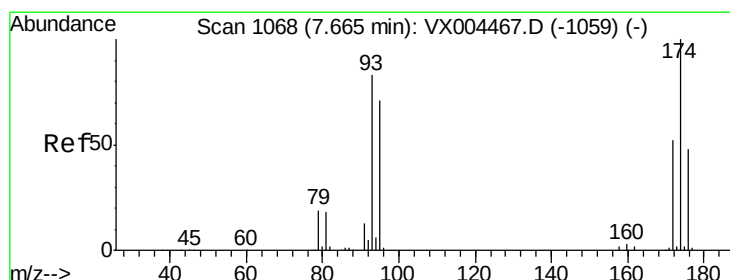
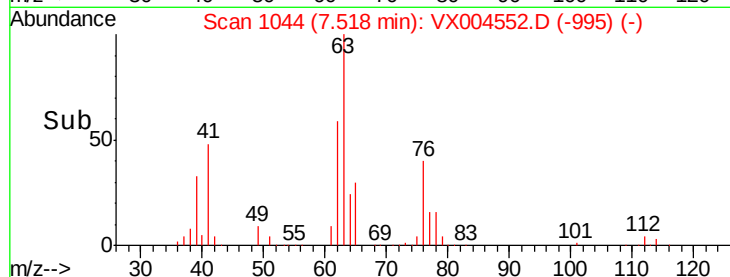
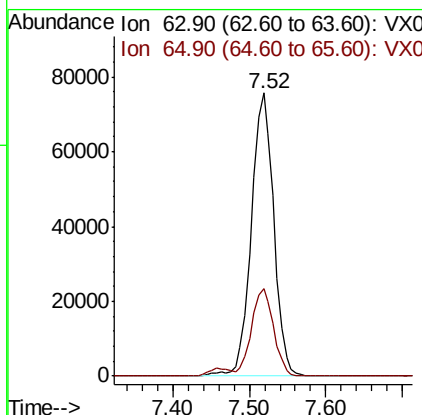
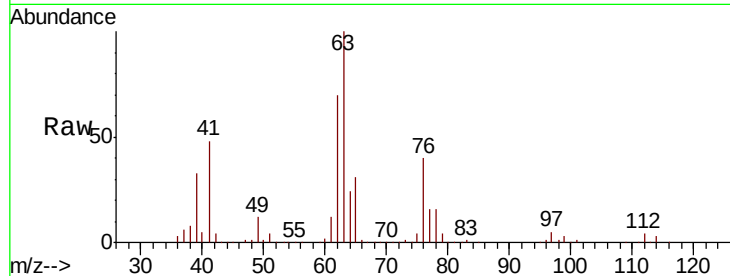




#45
 1,2-Dichloropropane
 Concen: 47.59 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

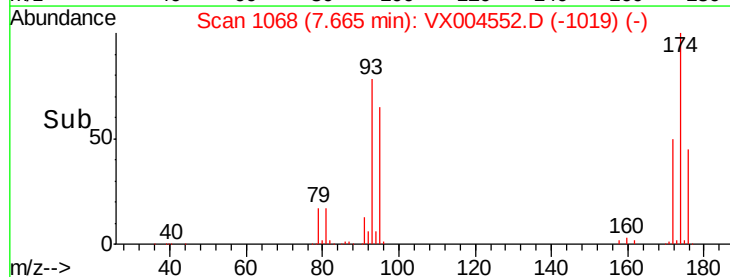
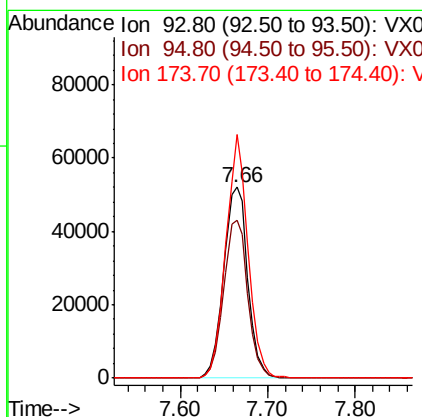
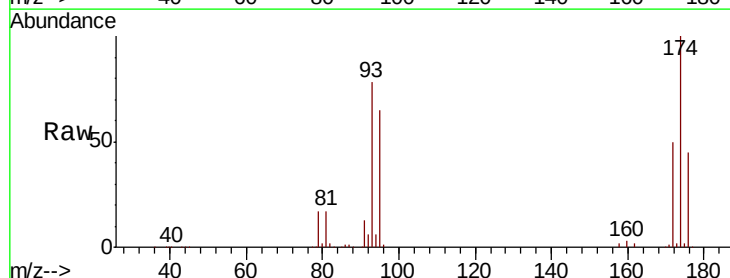
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

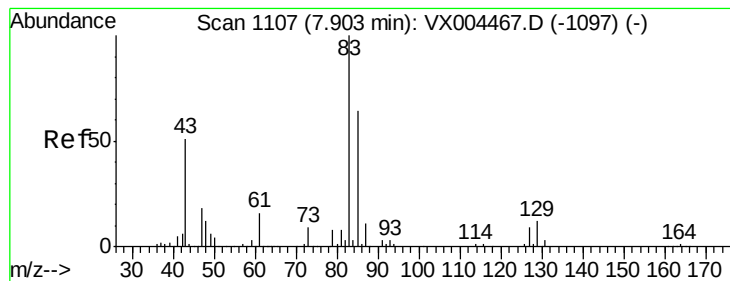
Tot Ion: 63 Resp: 154933
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 48.32 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion: 93 Resp: 99377
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.5 98.3
 174 117.2 94.2 141.4





#47

Bromodichloromethane

Concen: 46.80 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

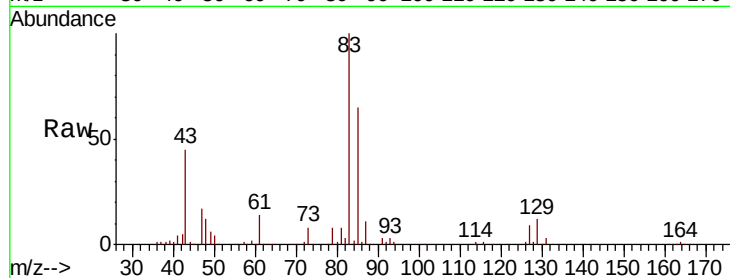
Tot Ion: 83 Resp: 182025

Ion Ratio Lower Upper

83 100

85 64.8 50.9 76.3

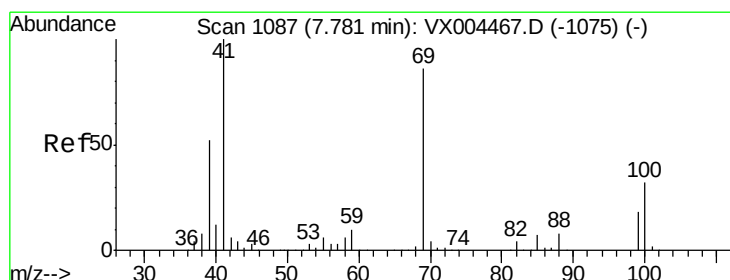
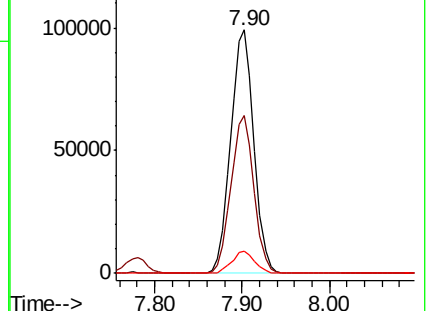
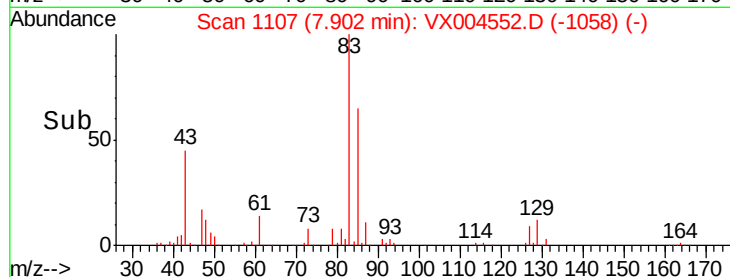
127 9.2 7.3 10.9



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: 48.25 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

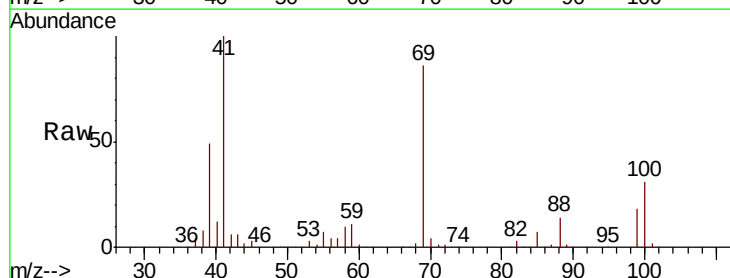
Tgt Ion: 41 Resp: 164499

Ion Ratio Lower Upper

41 100

69 87.2 70.2 105.4

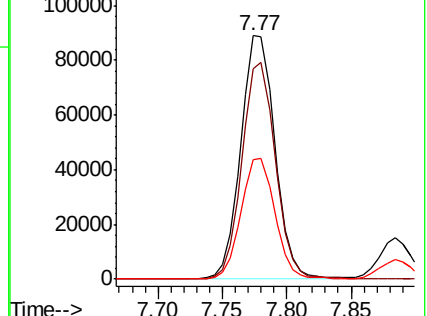
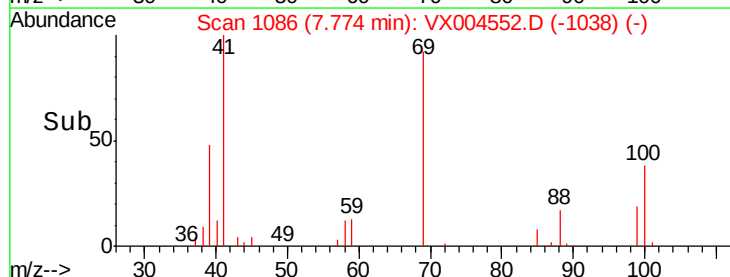
39 49.4 42.7 64.1

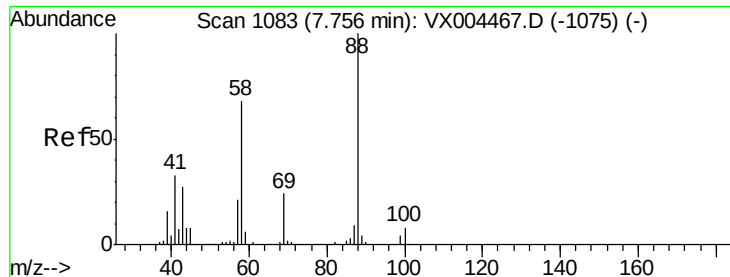


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 963.01 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

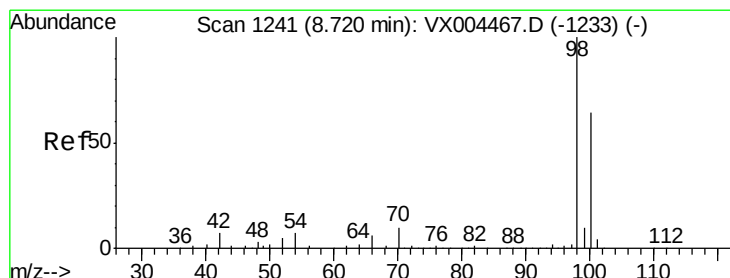
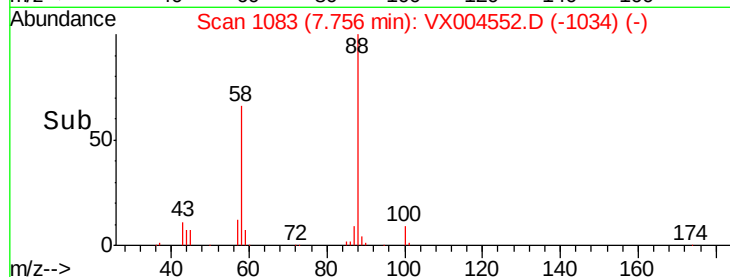
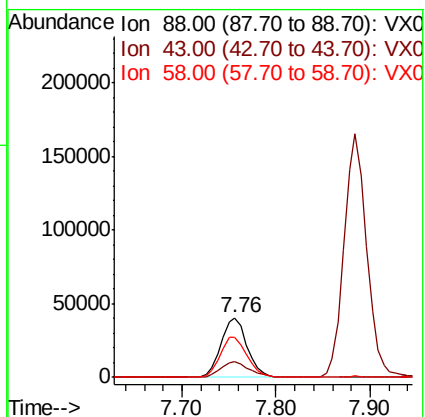
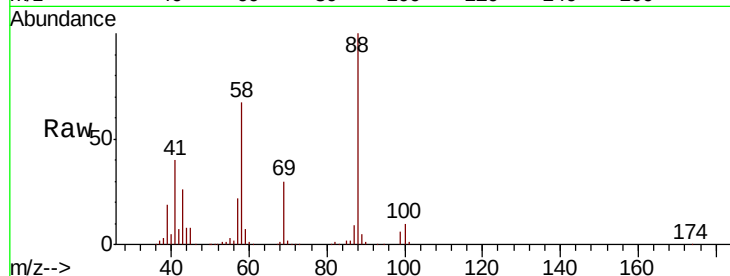
Tot Ion: 88 Resp: 77703

Ion Ratio Lower Upper

88 100

43 29.4 24.7 37.1

58 70.0 55.3 82.9



#50

Toluene-d8

Concen: 47.83 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004552.D

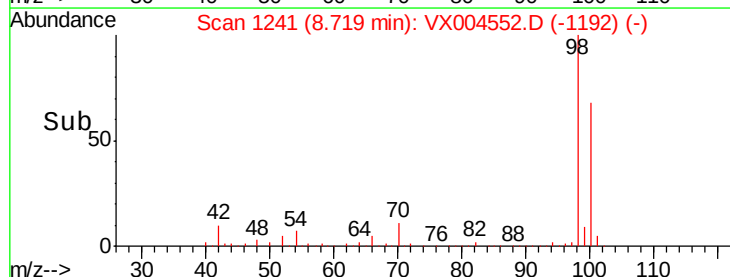
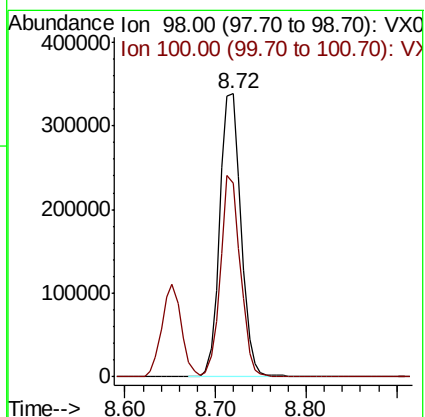
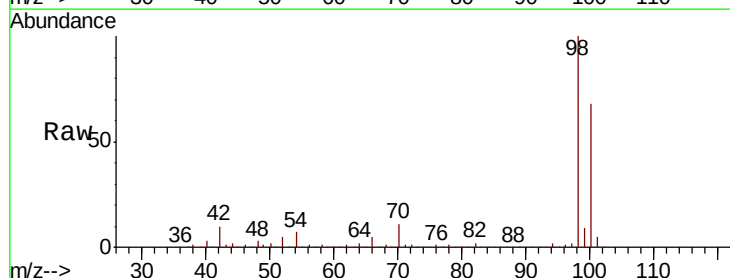
Acq: 14 Sep 2018 20:40

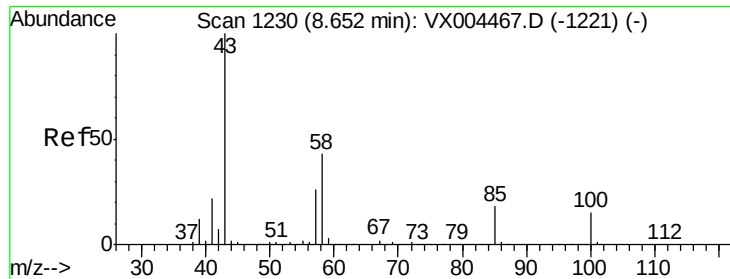
Tgt Ion: 98 Resp: 551375

Ion Ratio Lower Upper

98 100

100 67.0 52.9 79.3

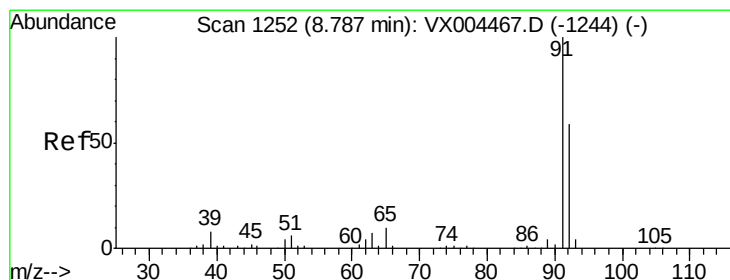
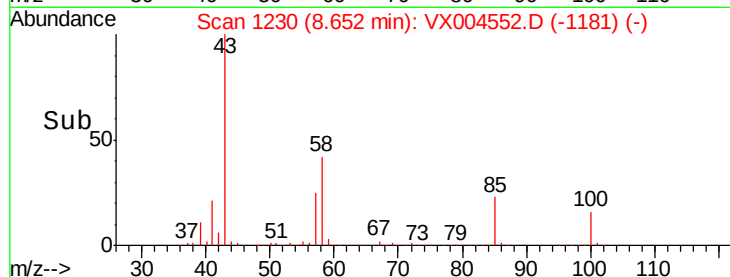
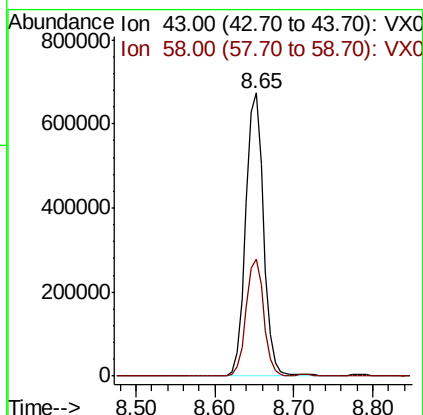
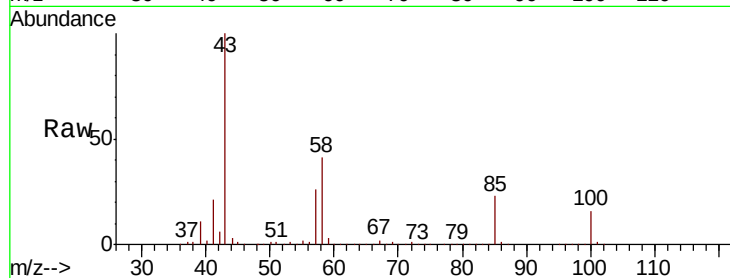




#51
 4-Methyl-2-Pentanone
 Concen: 217.40 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

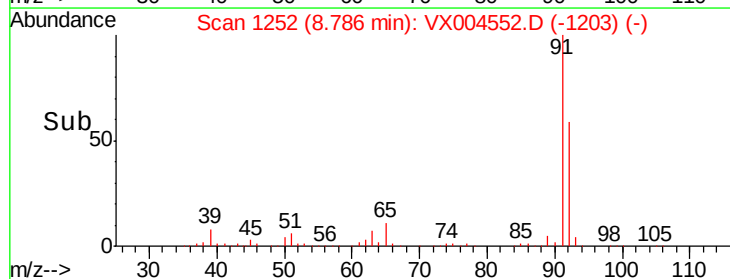
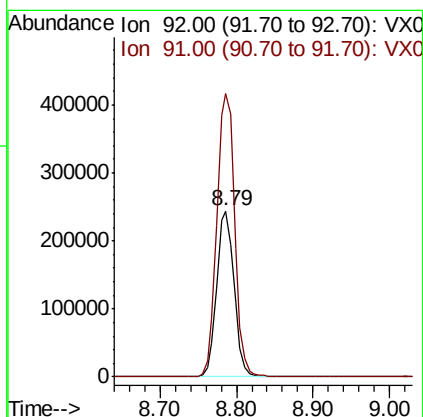
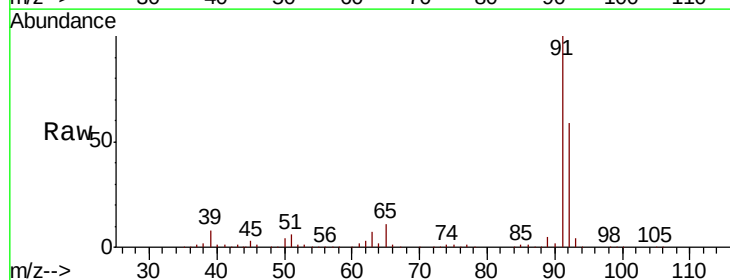
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

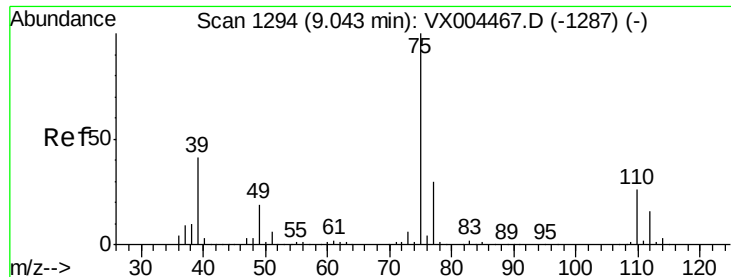
Tot Ion: 43 Resp: 1056817
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.1 49.7



#52
 Toluene
 Concen: 48.06 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion: 92 Resp: 383106
 Ion Ratio Lower Upper
 92 100
 91 175.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 51.57 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

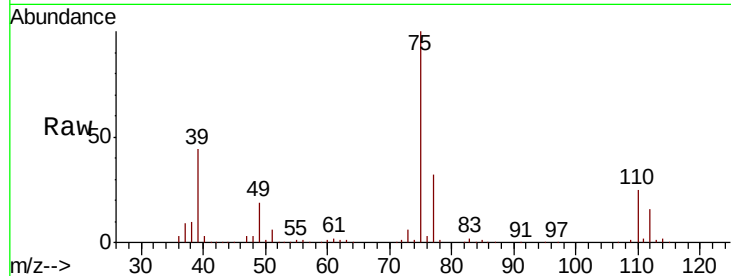
VSTDCCC050EC

Tot Ion: 75 Resp: 234290

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

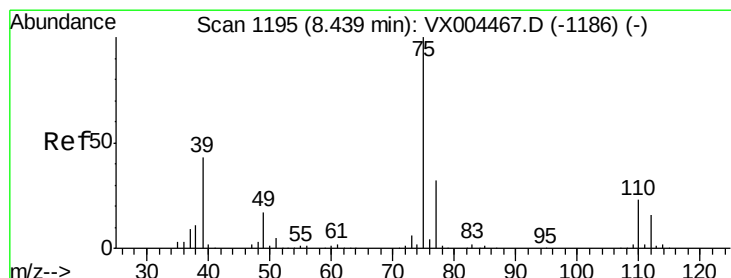
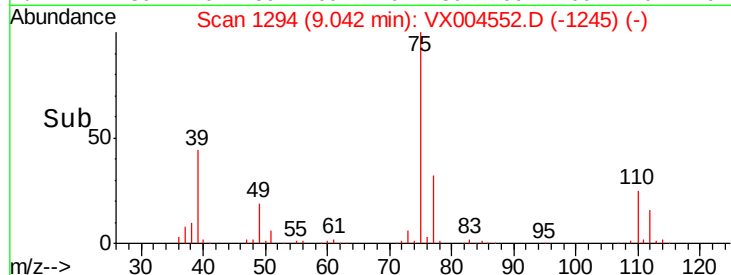
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.88 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

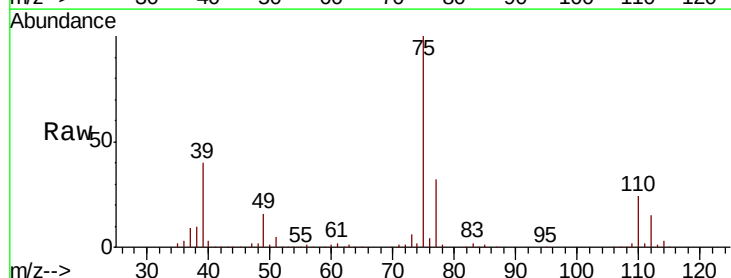
Tgt Ion: 75 Resp: 226397

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

39 40.0 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

8.44

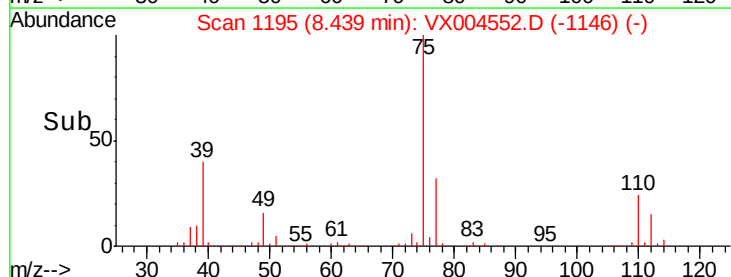
150000

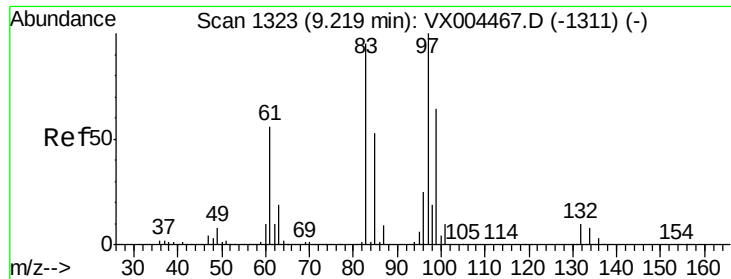
100000

50000

0

Time-->

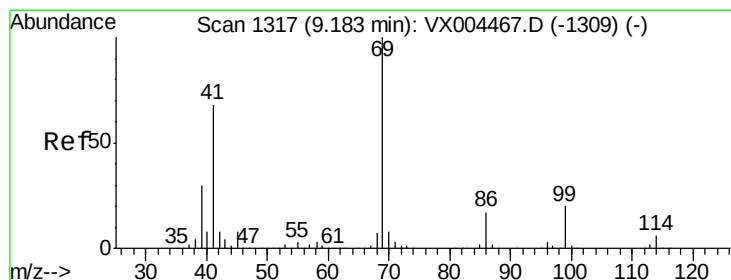
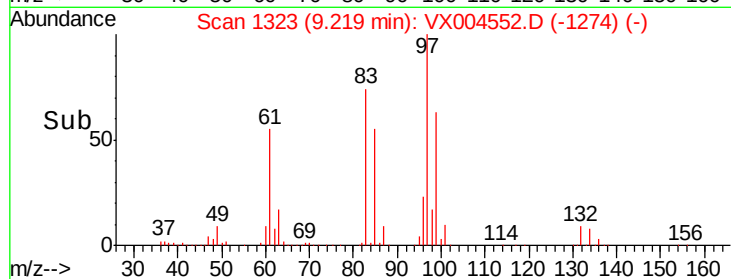
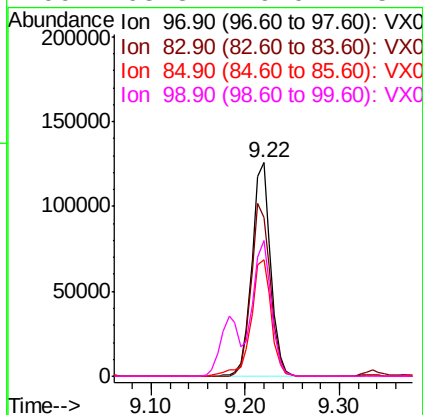
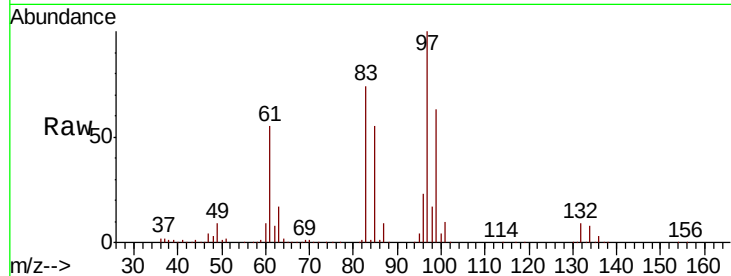




#55
 1,1,2-Trichloroethane
 Concen: 51.43 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

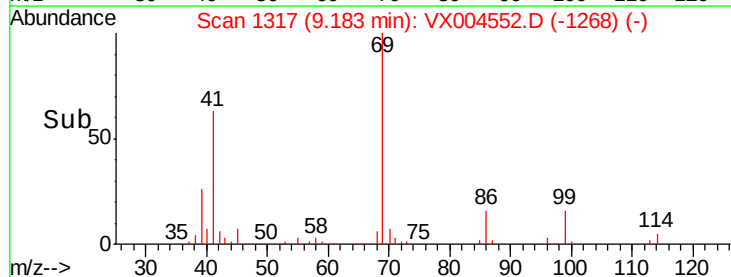
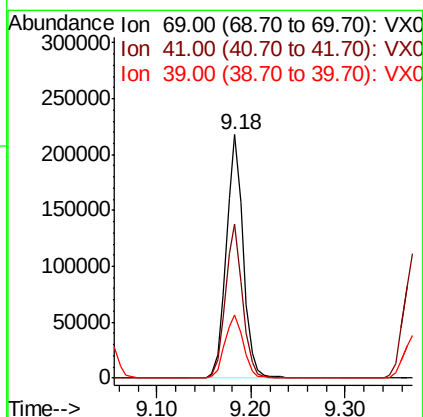
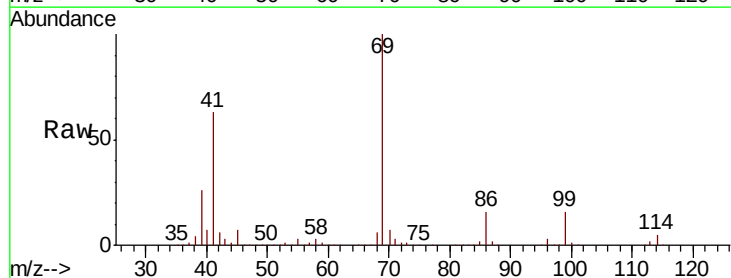
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

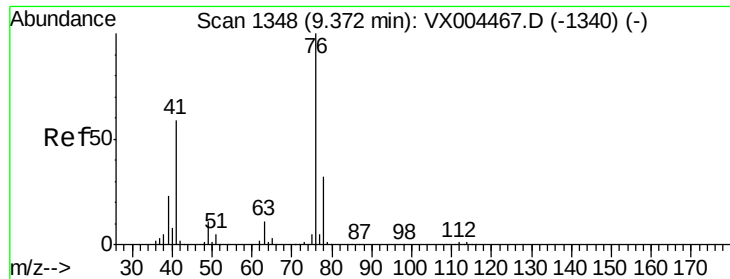
Tot Ion:	97	Resp:	176509
Ion	Ratio	Lower	Upper
97	100		
83	74.4	66.4	99.6
85	54.8	43.3	64.9
99	63.3	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 55.67 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion:	69	Resp:	270298
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.0	76.4
39	28.3	26.1	39.1





#57

1,3-Dichloropropane

Concen: 51.72 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

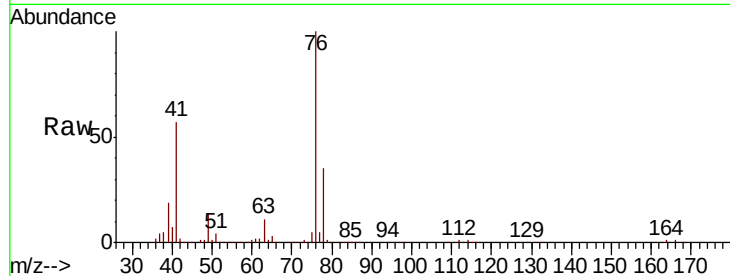
VSTDCCC050EC

Tot Ion: 76 Resp: 288457

Ion Ratio Lower Upper

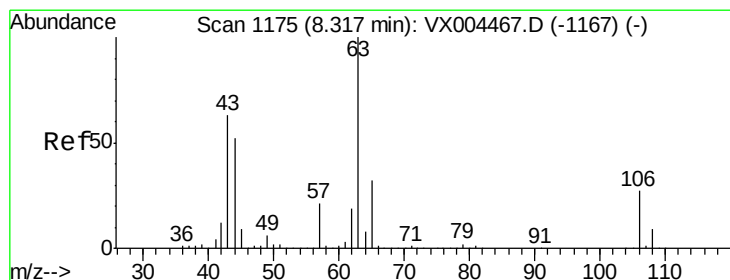
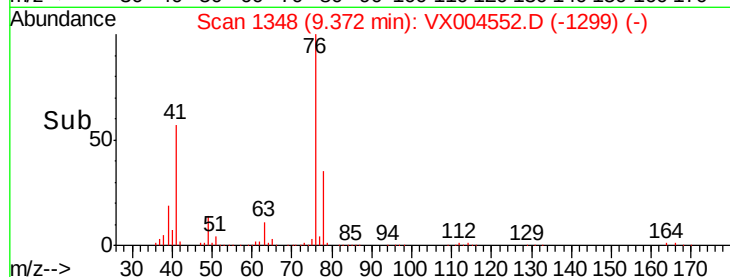
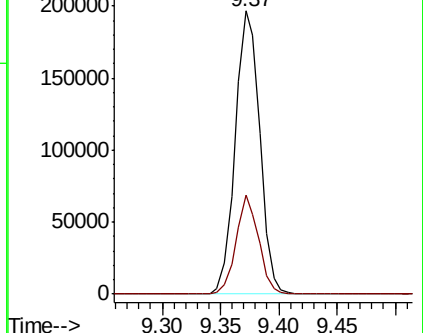
76 100

78 32.1 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: 228.44 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004552.D

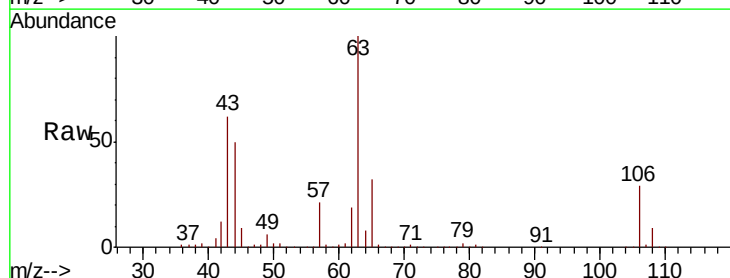
Acq: 14 Sep 2018 20:40

Tgt Ion: 63 Resp: 563556

Ion Ratio Lower Upper

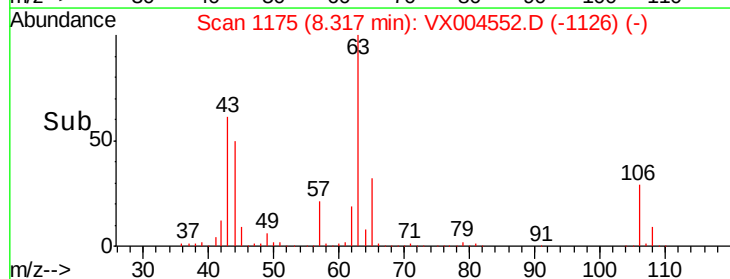
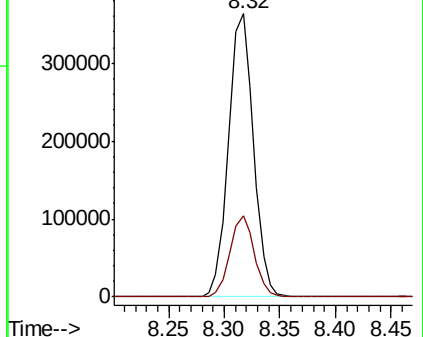
63 100

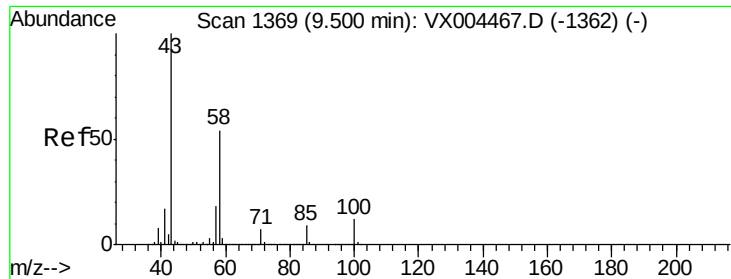
106 28.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

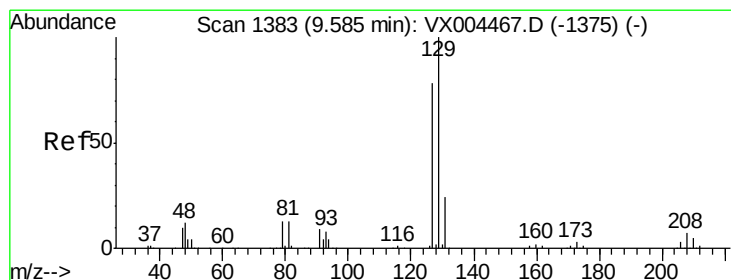
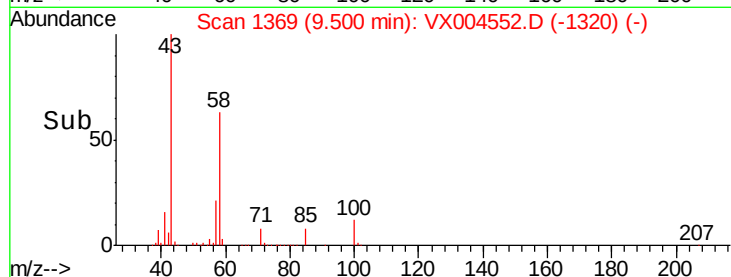
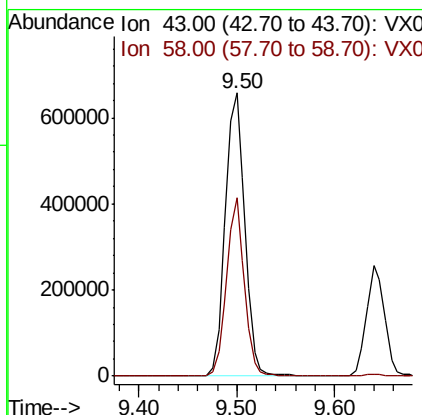
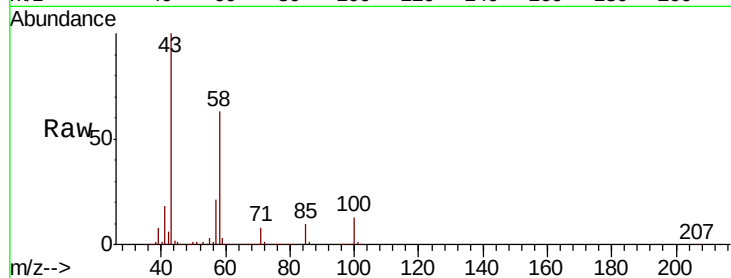




#59
2-Hexanone
Concen: 244.69 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

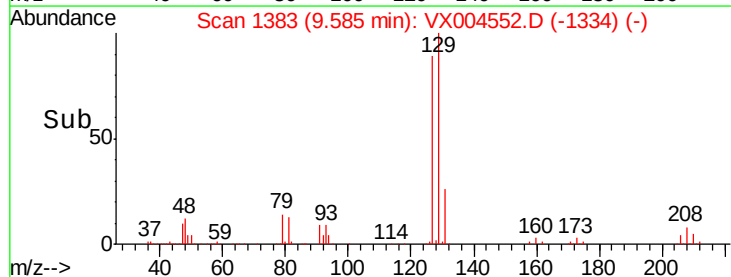
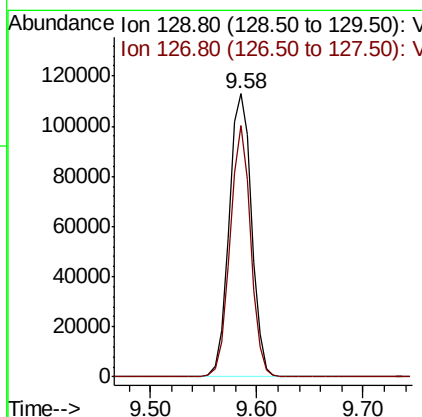
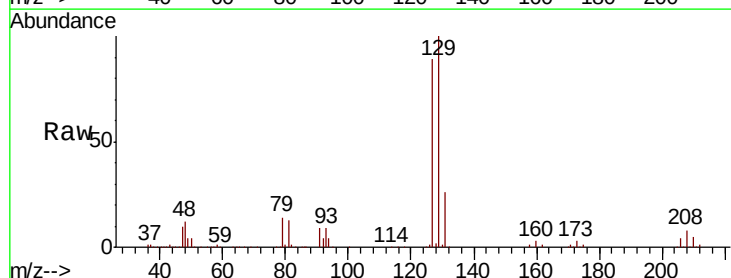
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

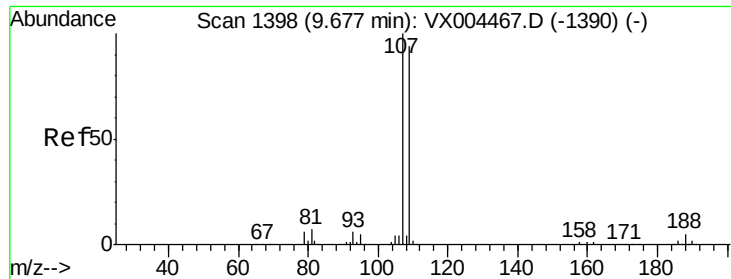
Tot Ion: 43 Resp: 912397
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0



#60
Dibromochloromethane
Concen: 51.85 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 129 Resp: 167554
Ion Ratio Lower Upper
129 100
127 81.5 38.5 115.5

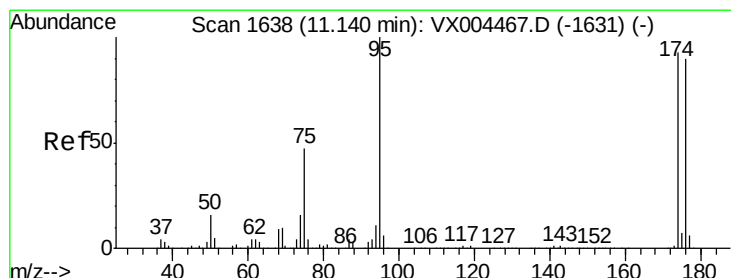
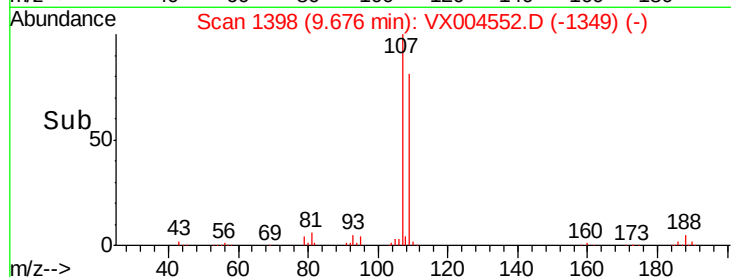
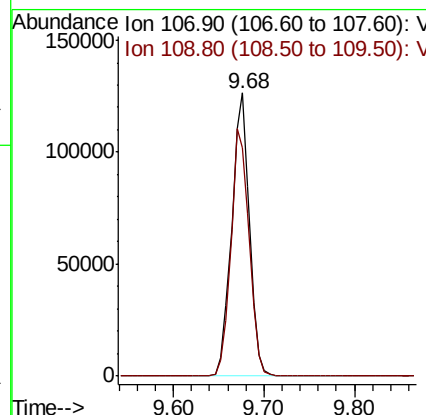
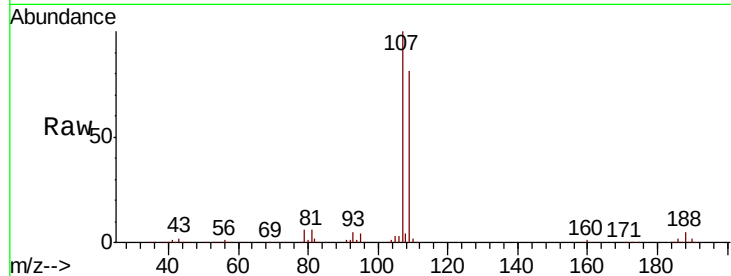




#61
 1,2-Dibromoethane
 Concen: 53.19 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

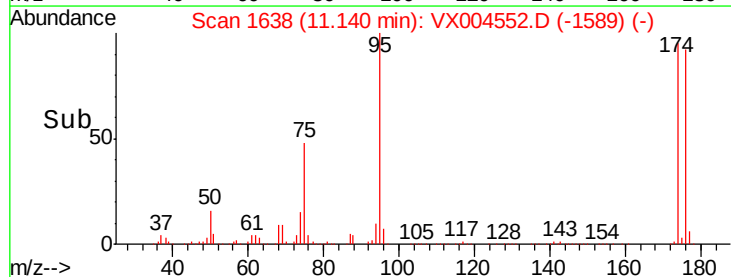
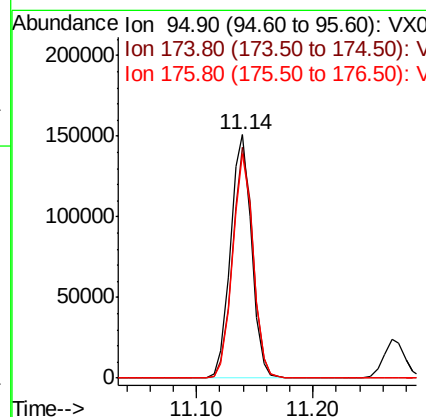
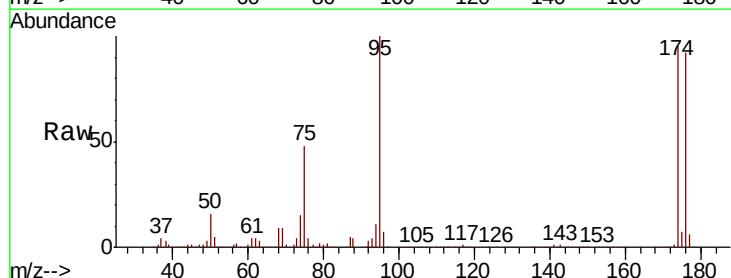
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

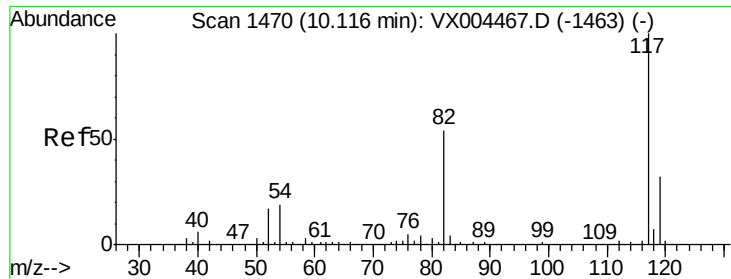
Tot Ion: 107 Resp: 174419
 Ion Ratio Lower Upper
 107 100
 109 89.7 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 45.85 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion: 95 Resp: 188635
 Ion Ratio Lower Upper
 95 100
 174 92.9 0.0 185.2
 176 90.5 0.0 178.6

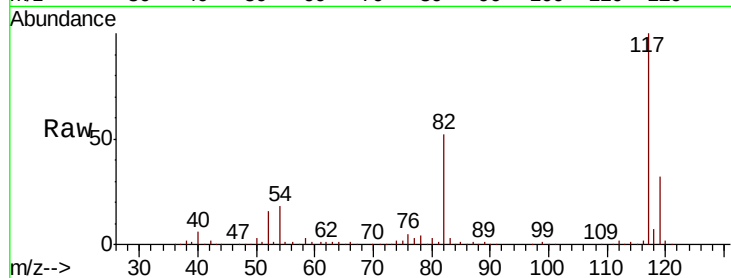




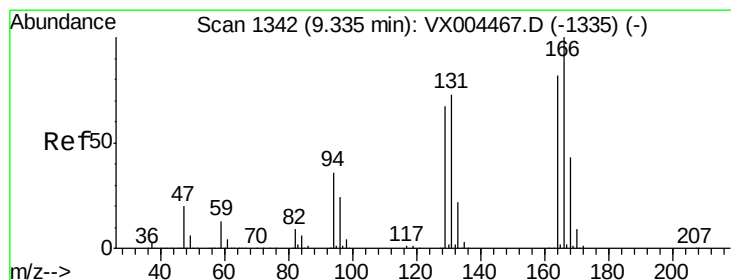
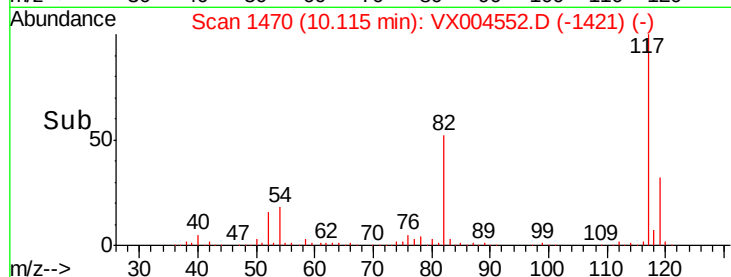
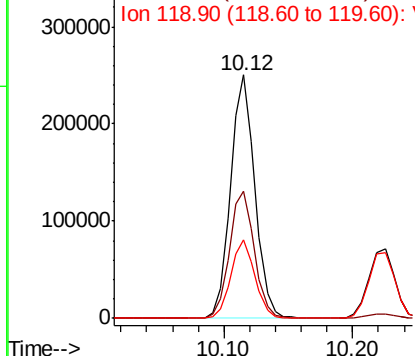
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 330619
Ion Ratio Lower Upper
117 100
82 52.3 47.8 71.6
119 32.4 29.3 43.9

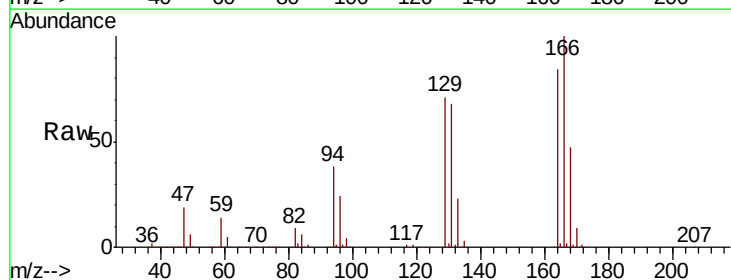


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

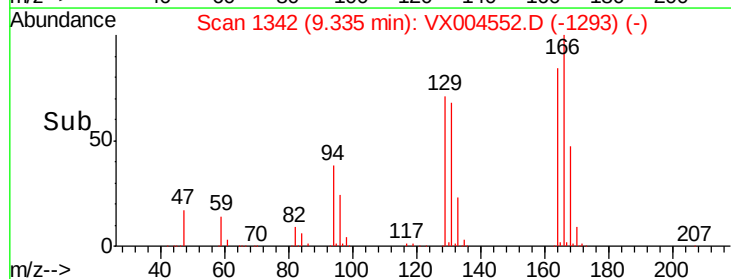
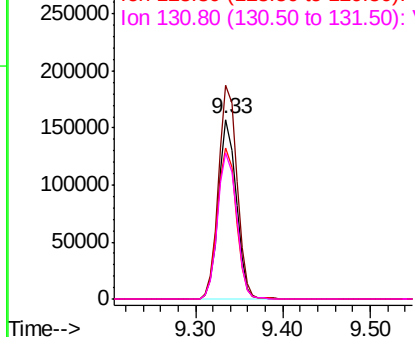


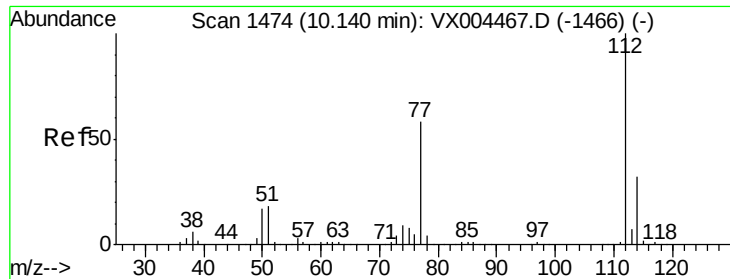
#64
Tetrachloroethene
Concen: 53.40 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion:164 Resp: 220444
Ion Ratio Lower Upper
164 100
166 119.0 102.8 154.2
129 84.1 69.4 104.0
131 81.0 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

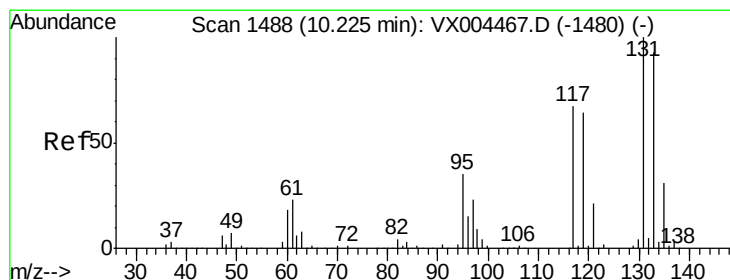
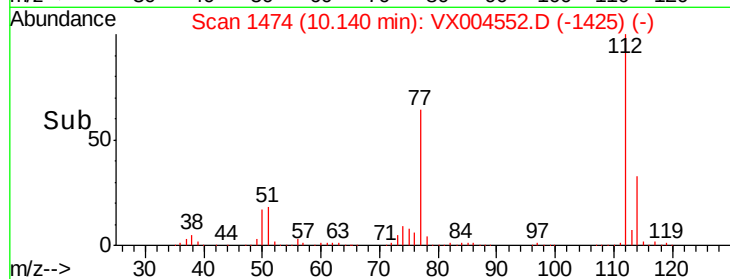
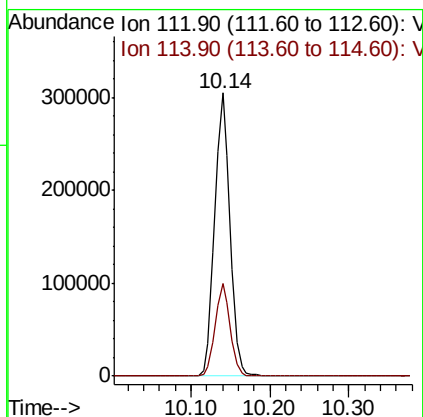
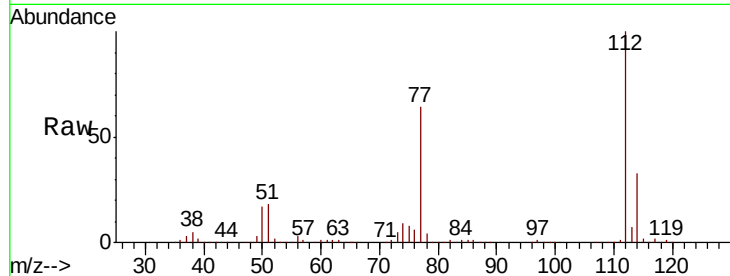




#65
Chlorobenzene
Concen: 50.39 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

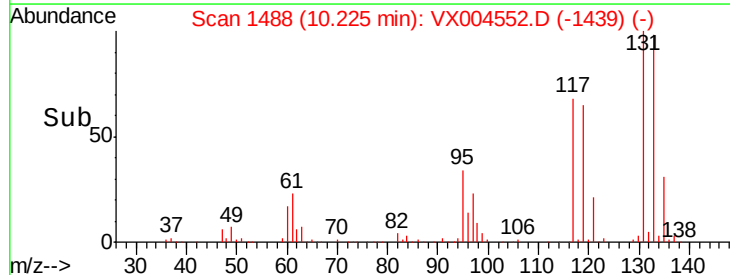
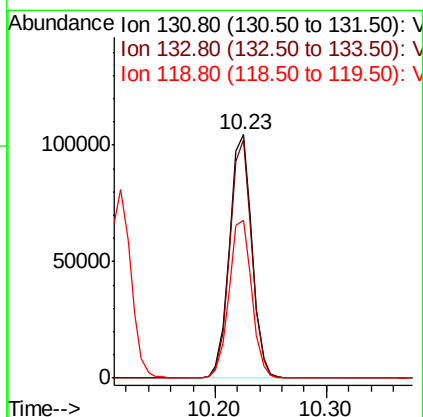
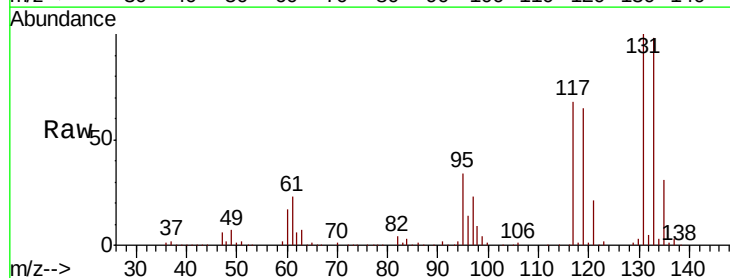
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

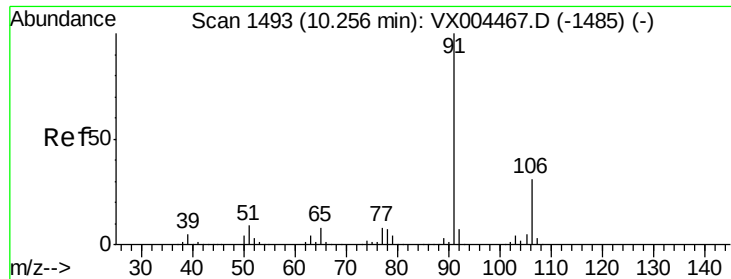
Tot Ion:112 Resp: 413808
Ion Ratio Lower Upper
112 100
114 32.8 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.32 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion:131 Resp: 145335
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 65.8 32.9 98.6

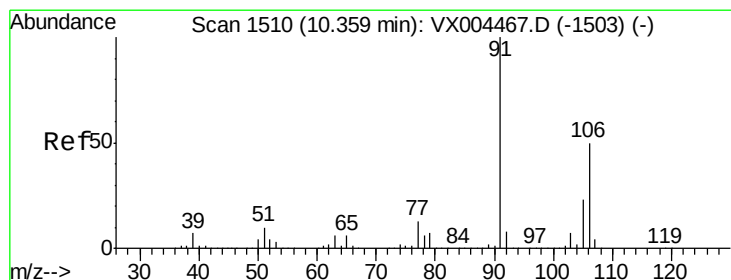
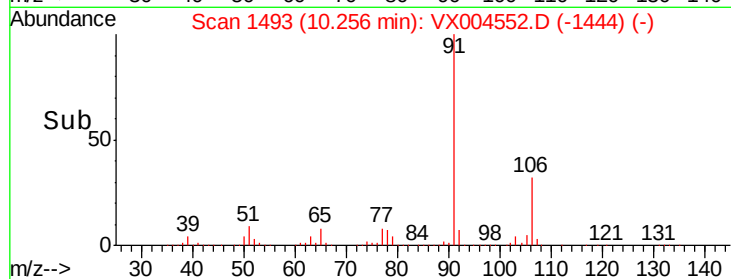
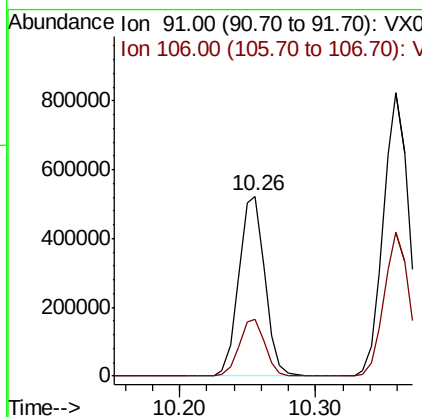
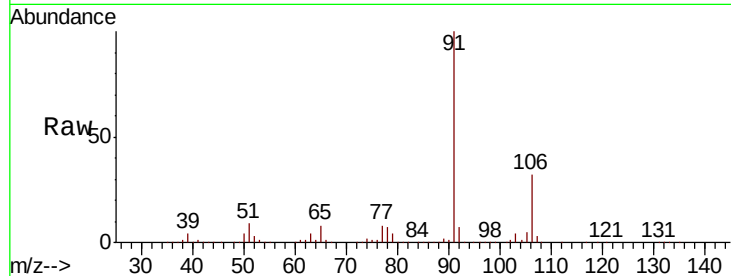




#67
Ethyl Benzene
Concen: 52.18 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

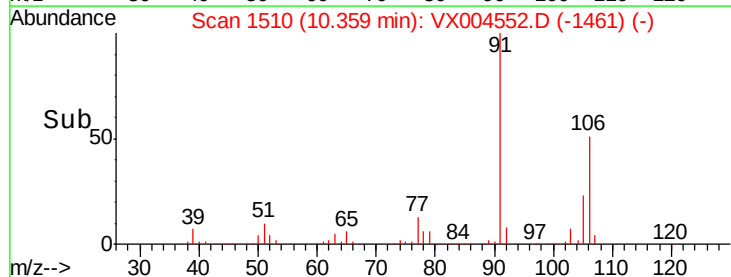
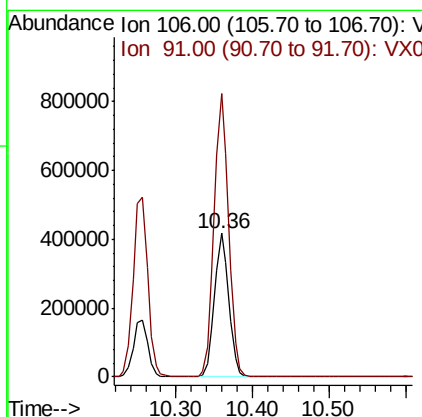
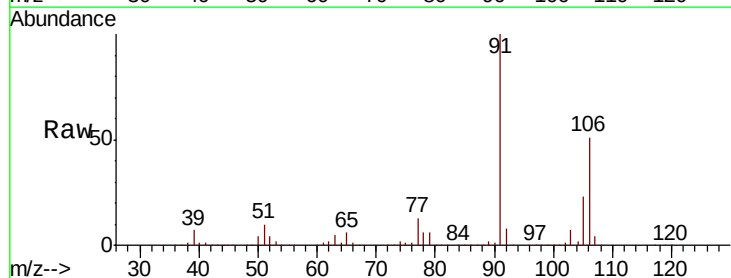
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

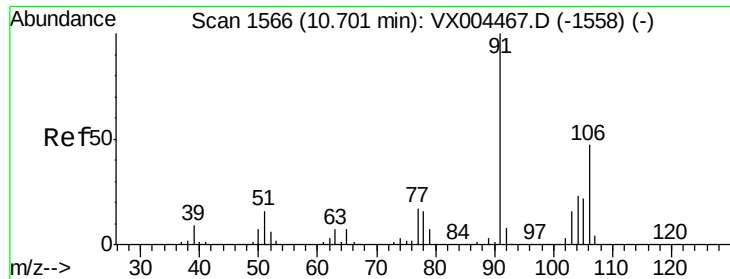
Tot Ion: 91 Resp: 696781
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 105.71 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 106 Resp: 543755
Ion Ratio Lower Upper
106 100
91 199.7 157.1 235.7

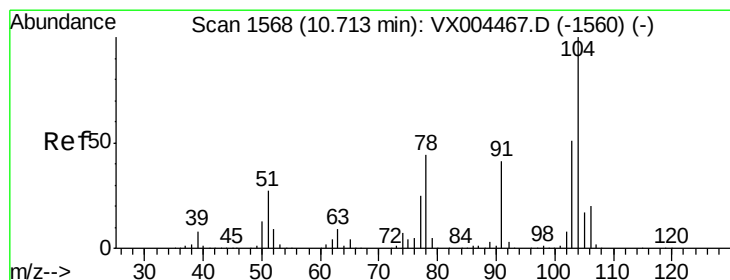
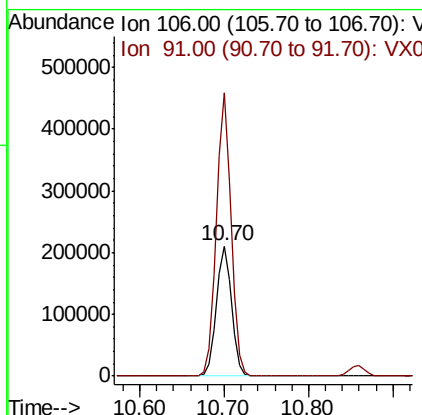
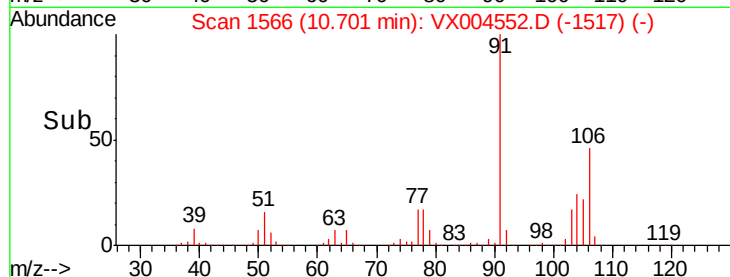
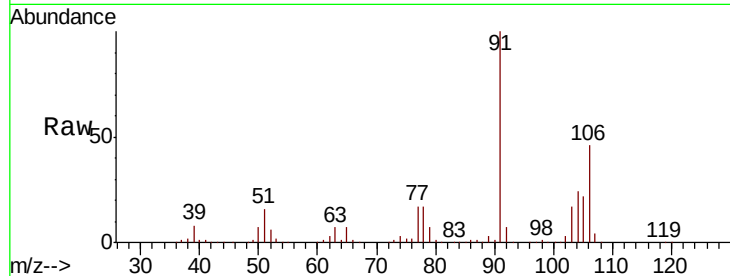




#69
o-Xylene
Concen: 53.67 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

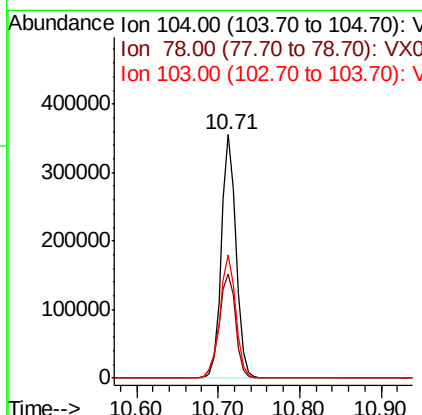
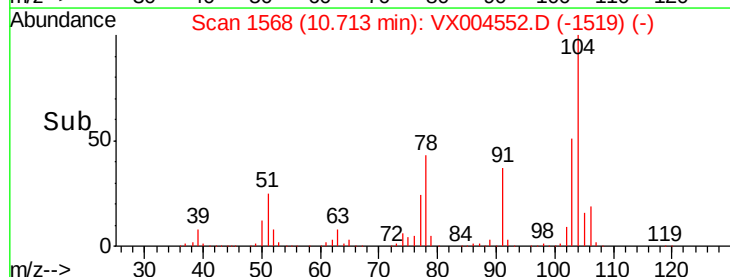
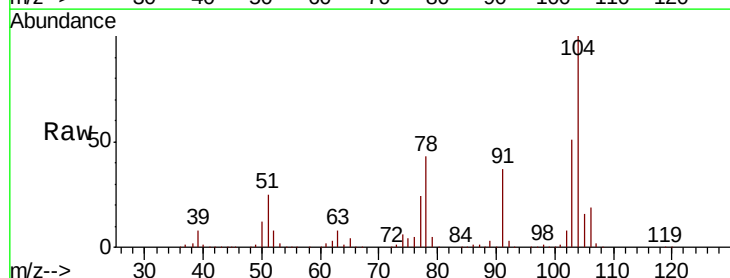
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

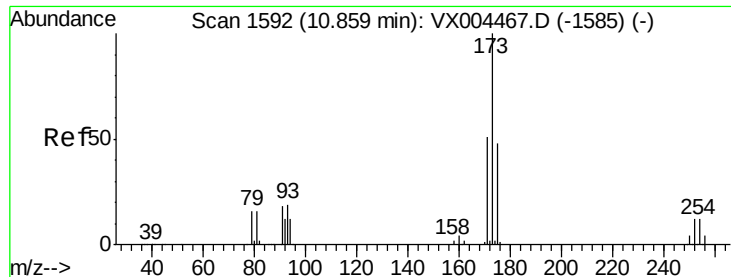
Tot Ion:106 Resp: 265403
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.1



#70
Styrene
Concen: 54.48 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion:104 Resp: 446363
Ion Ratio Lower Upper
104 100
78 48.6 37.4 56.0
103 55.1 43.8 65.6





#71

Bromoform

Concen: 51.36 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

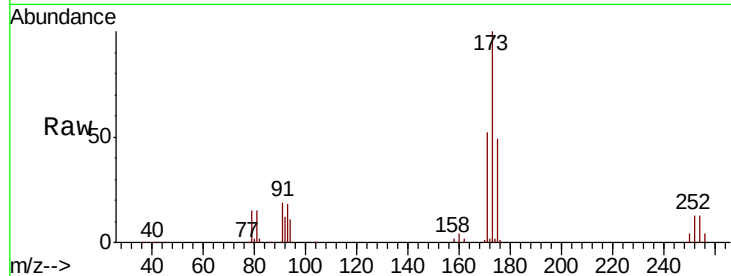
Tot Ion:173 Resp: 119430

Ion Ratio Lower Upper

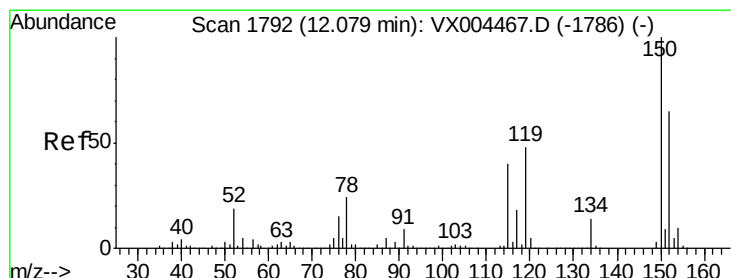
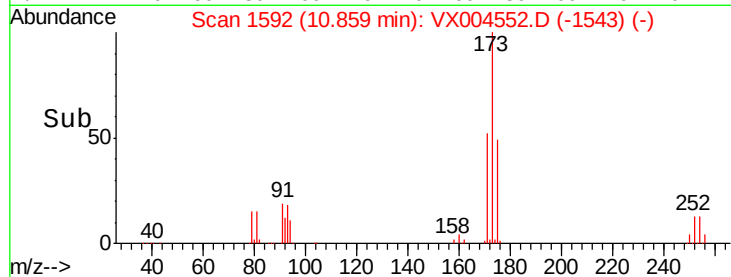
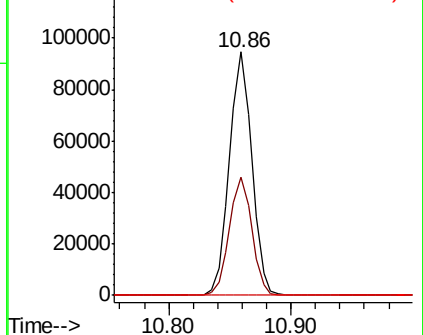
173 100

175 48.9 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

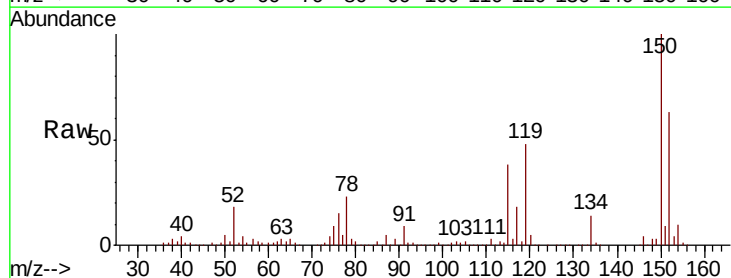
Tgt Ion:152 Resp: 197384

Ion Ratio Lower Upper

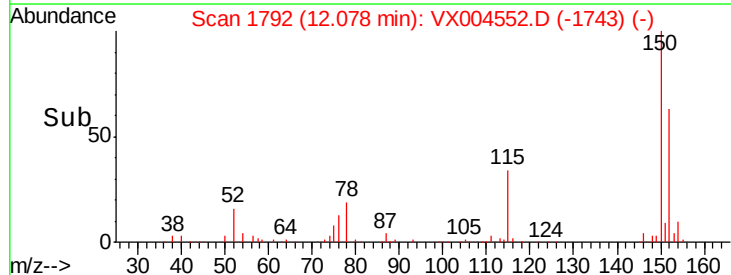
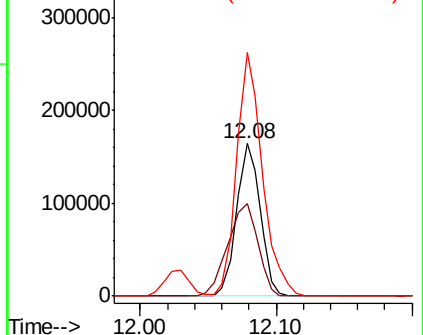
152 100

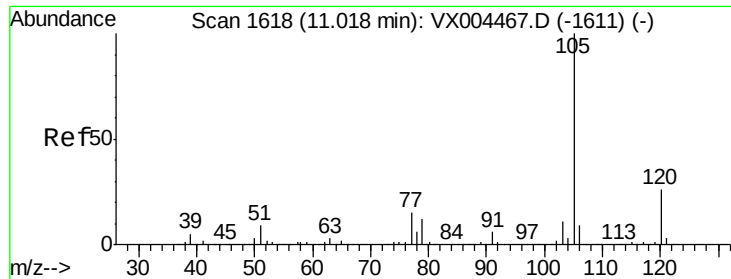
115 78.3 39.0 117.0

150 175.4 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: 54.37 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

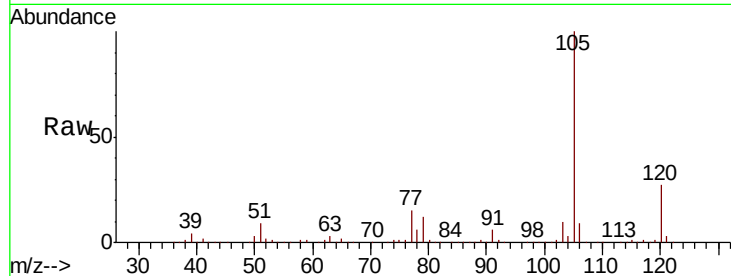
VSTDCCC050EC

Tot Ion:105 Resp: 706742

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

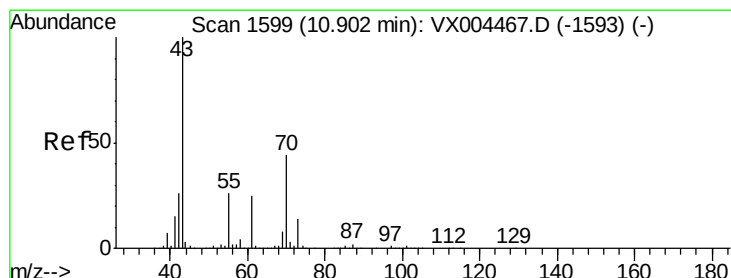
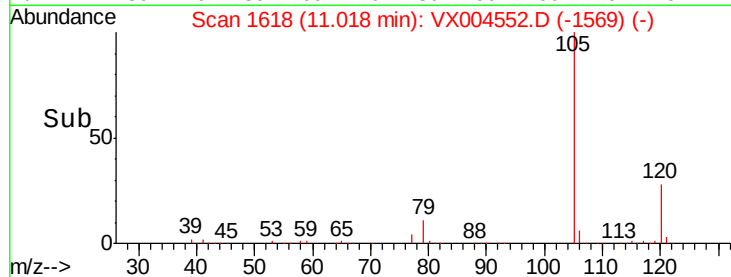
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.92 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Tgt Ion: 43 Resp: 289551

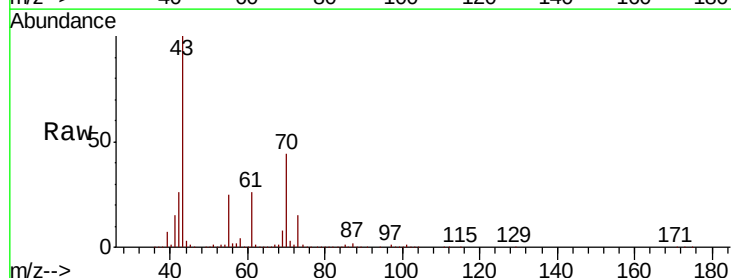
Ion Ratio Lower Upper

43 100

70 44.2 37.4 56.0

55 25.8 21.8 32.8

61 25.3 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

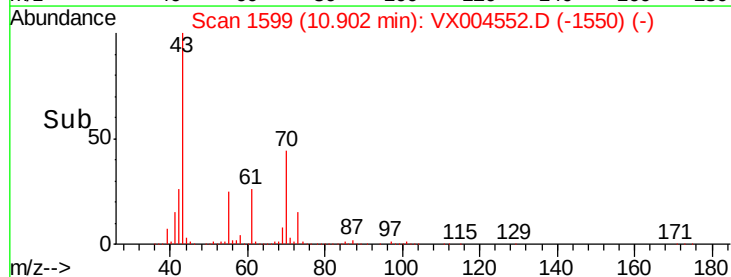
300000

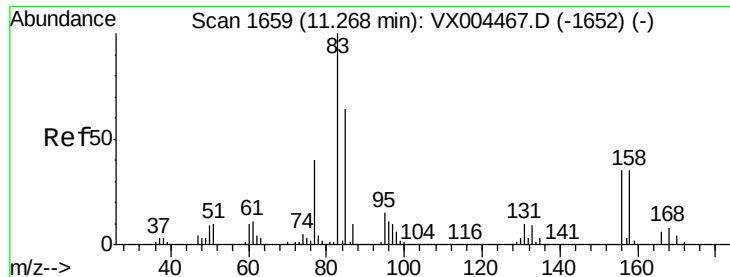
200000

100000

0

Time-->

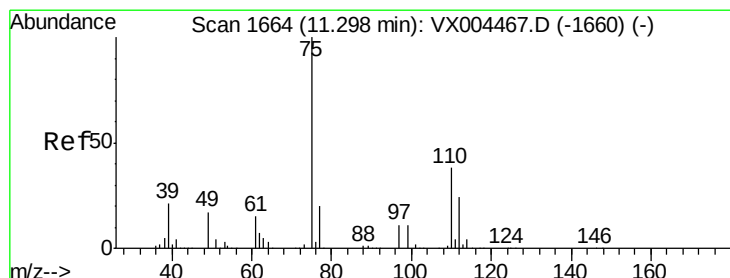
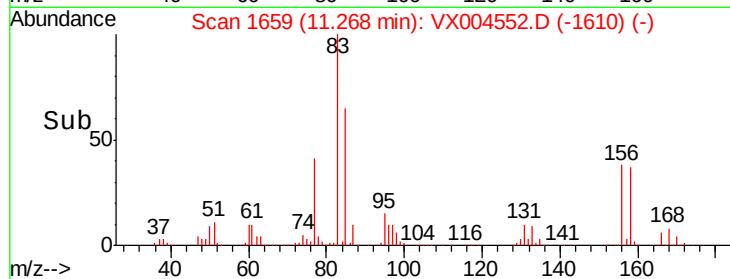
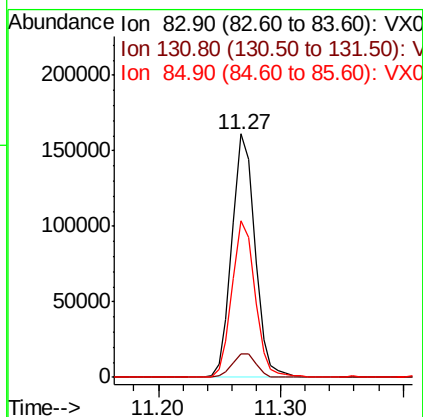
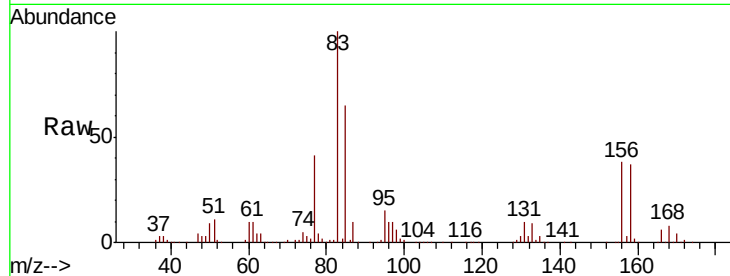




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.16 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

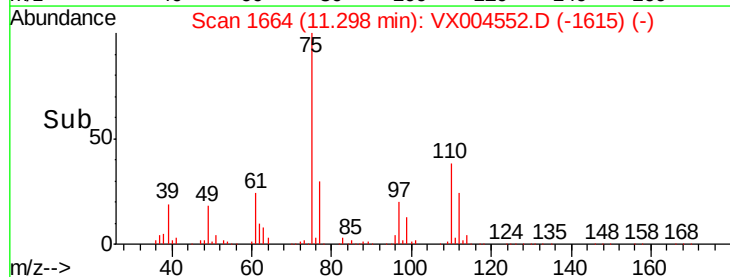
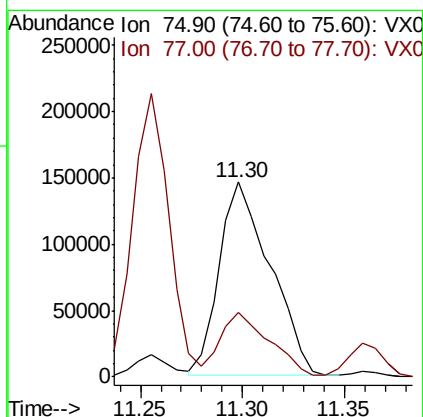
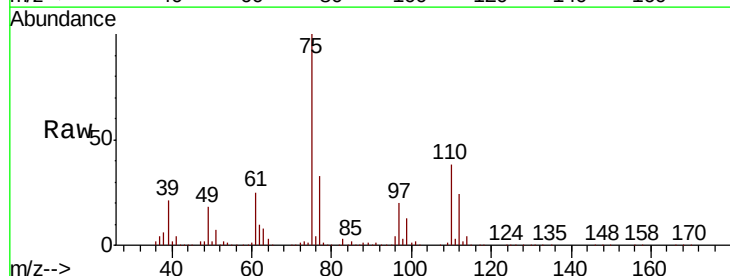
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

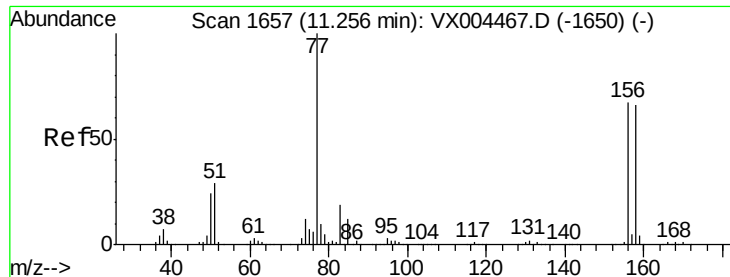
Tot Ion: 83 Resp: 210314
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.2 15.6
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 63.76 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion: 75 Resp: 253188
 Ion Ratio Lower Upper
 75 100
 77 32.2 20.2 60.6





#77

Bromobenzene

Concen: 52.08 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

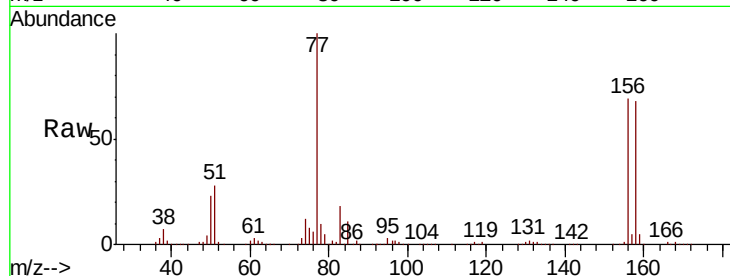
Tot Ion:156 Resp: 187138

Ion Ratio Lower Upper

156 100

77 142.6 71.5 214.3

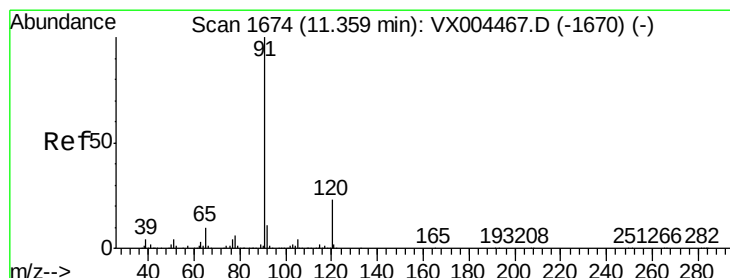
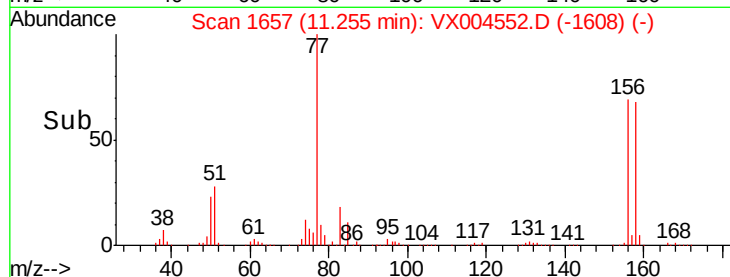
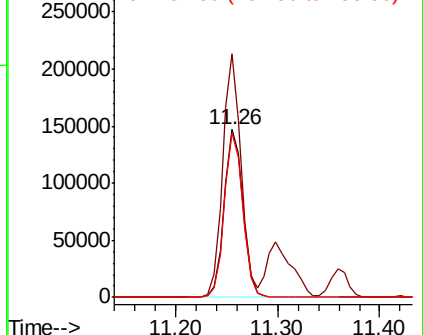
158 97.2 48.9 146.8



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: 53.68 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004552.D

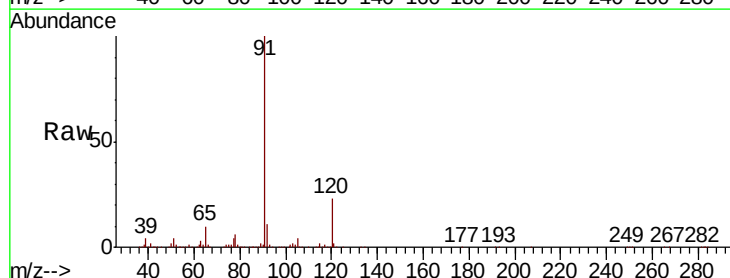
Acq: 14 Sep 2018 20:40

Tgt Ion: 91 Resp: 802312

Ion Ratio Lower Upper

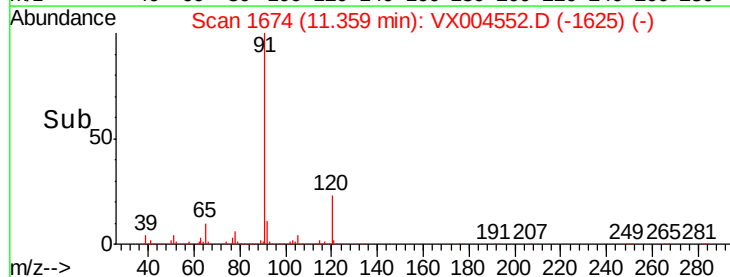
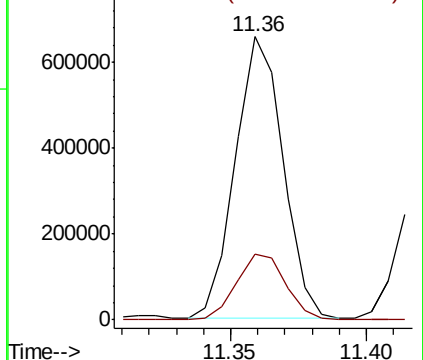
91 100

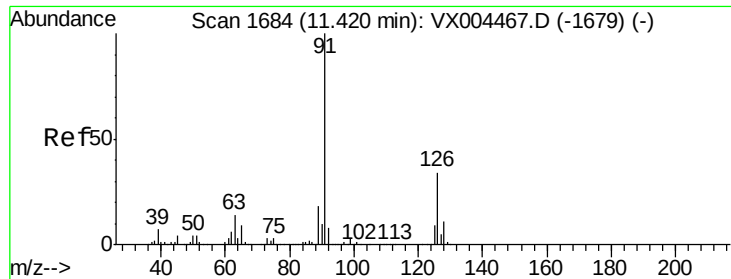
120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

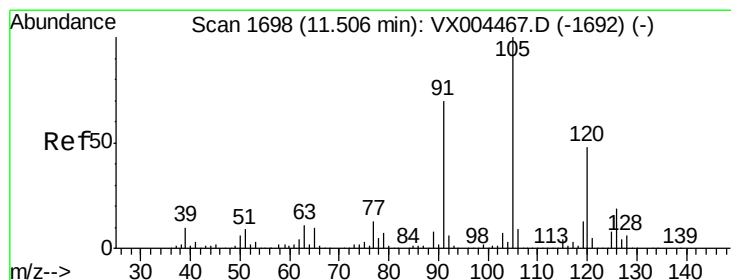
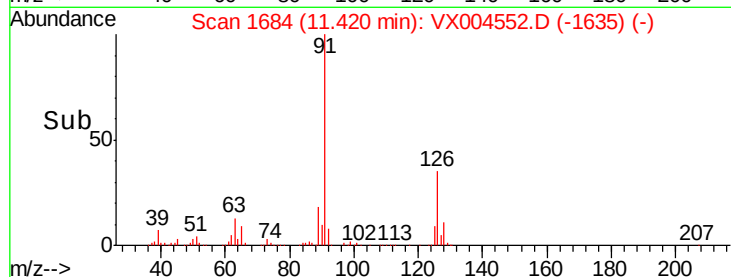
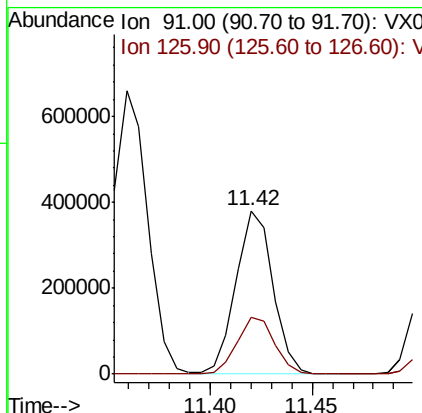
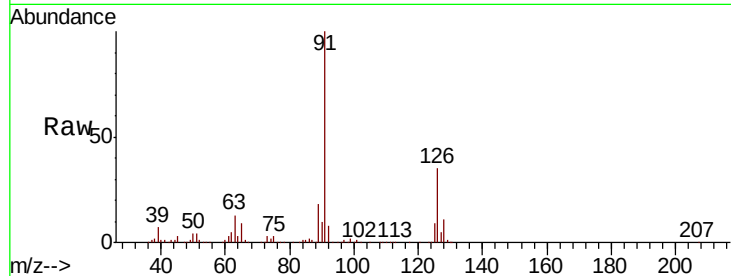




#79
 2-Chlorotoluene
 Concen: 52.41 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

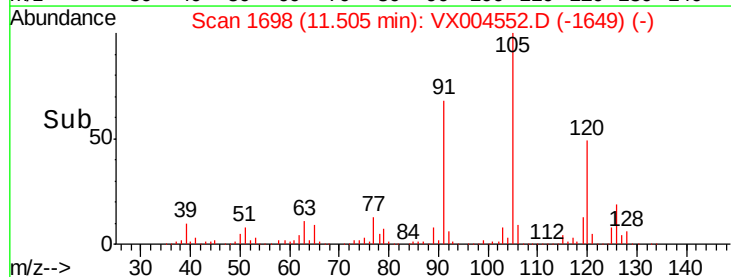
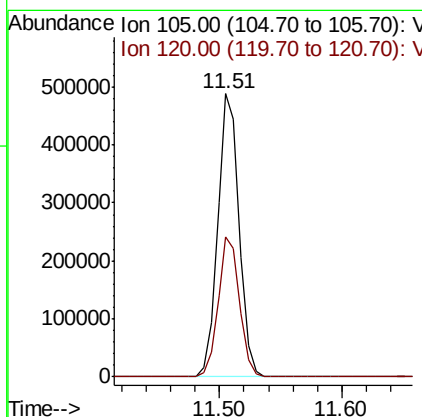
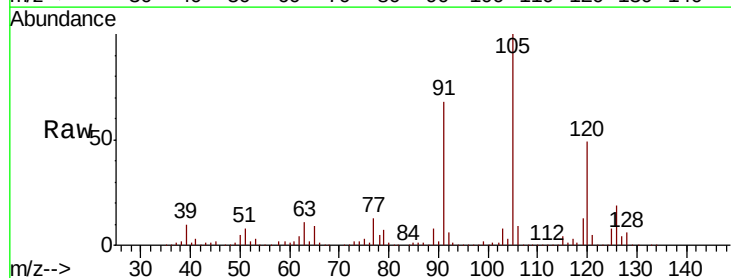
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

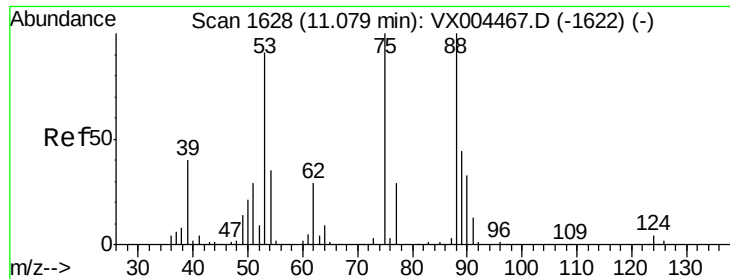
Tot Ion: 91 Resp: 475100
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.13 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion:105 Resp: 591573
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.6 76.8

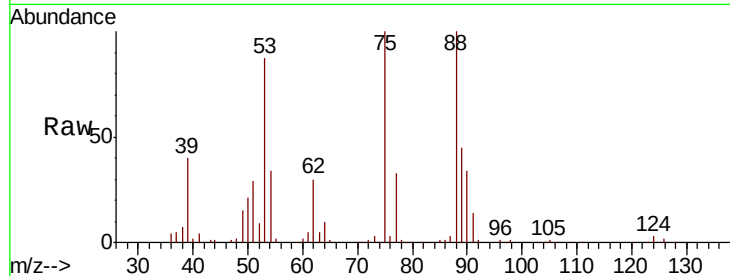




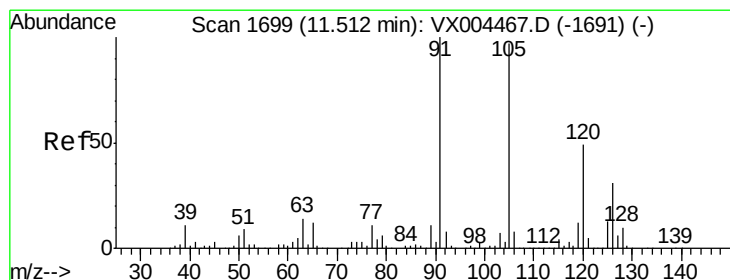
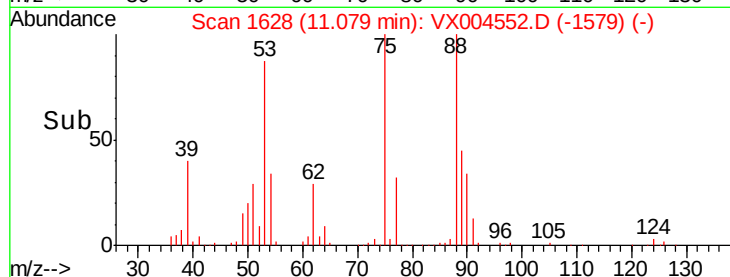
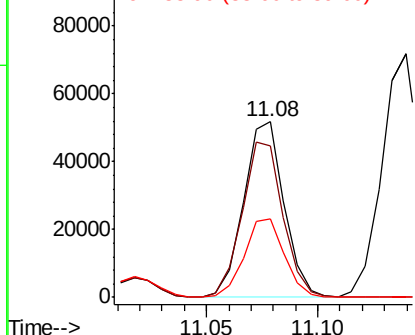
#81
trans-1,4-Dichloro-2-butene
Concen: 52.14 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 64960
Ion Ratio Lower Upper
75 100
53 90.2 80.1 120.1
89 45.1 37.2 55.8

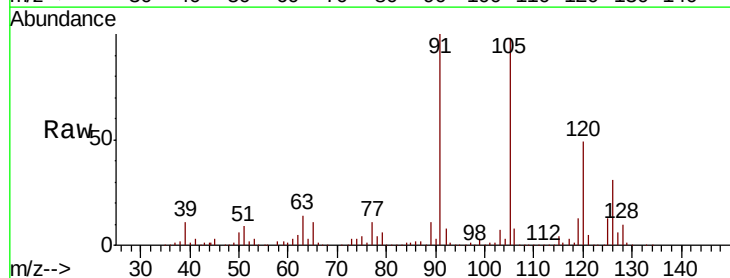


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

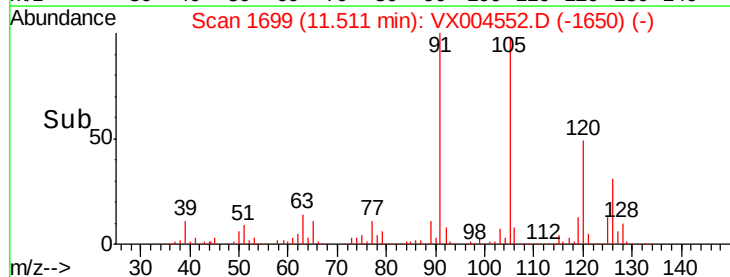
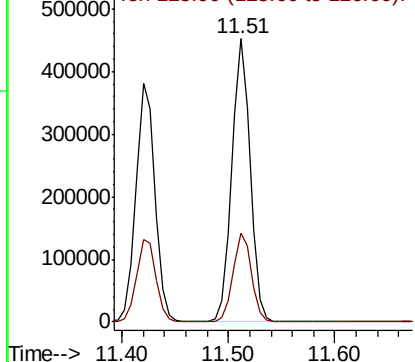


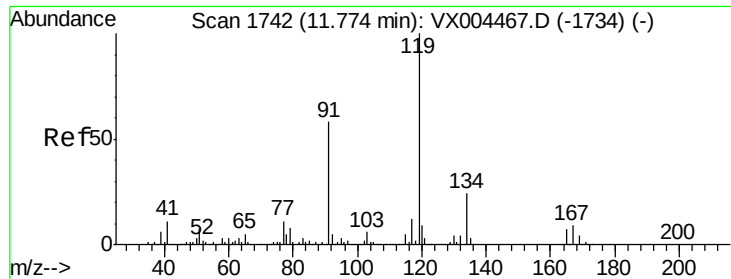
#82
4-Chlorotoluene
Concen: 52.02 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 91 Resp: 550392
Ion Ratio Lower Upper
91 100
126 31.4 15.5 46.5



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

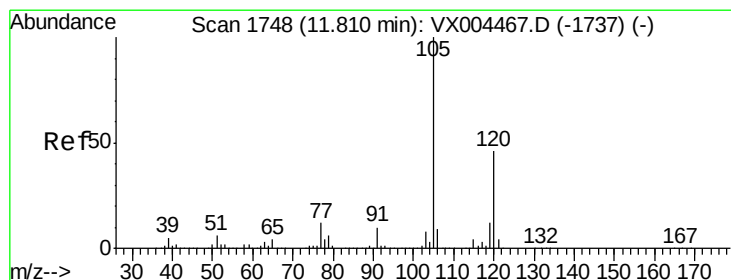
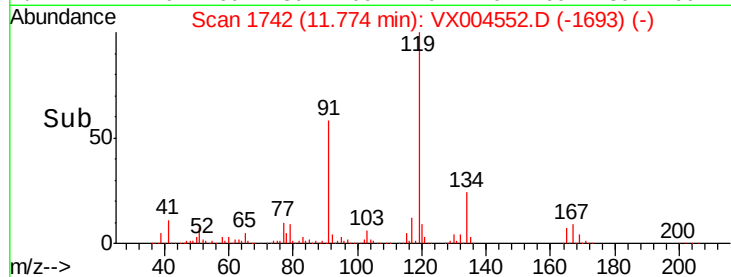
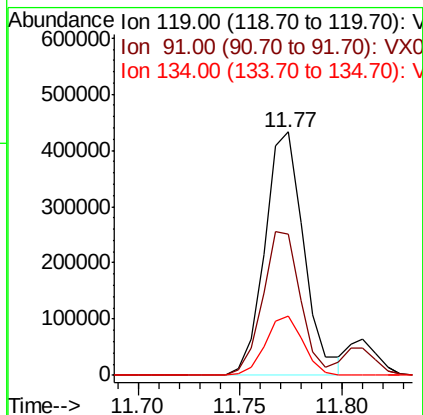
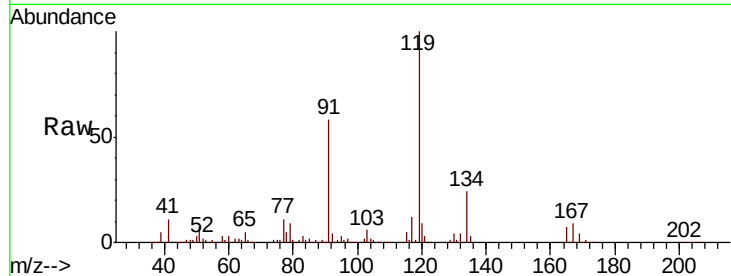




#83
 tert-Butylbenzene
 Concen: 55.45 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

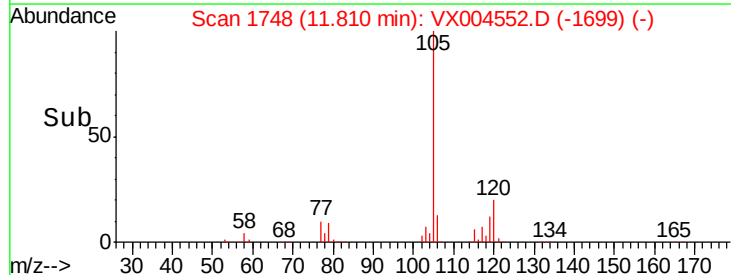
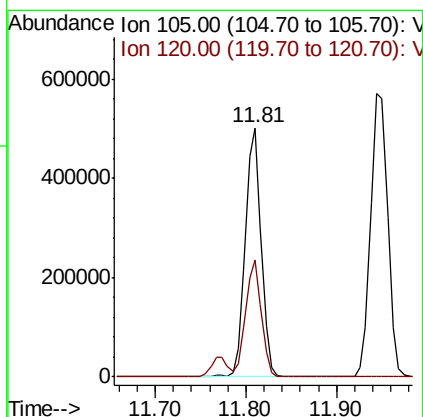
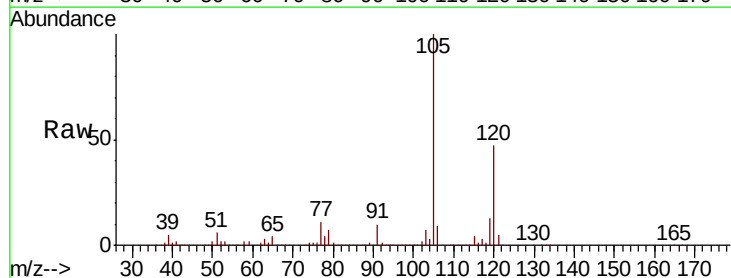
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

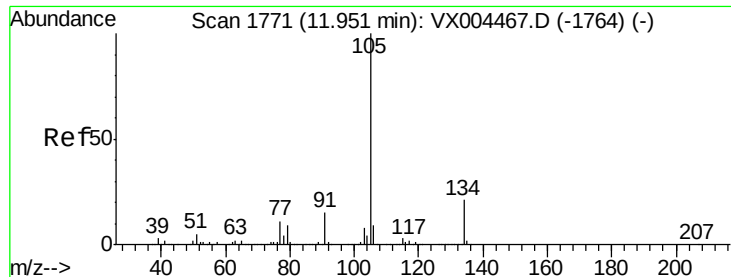
Tot Ion:119 Resp: 576919
 Ion Ratio Lower Upper
 119 100
 91 57.0 27.0 81.0
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.70 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion:105 Resp: 610345
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.38 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

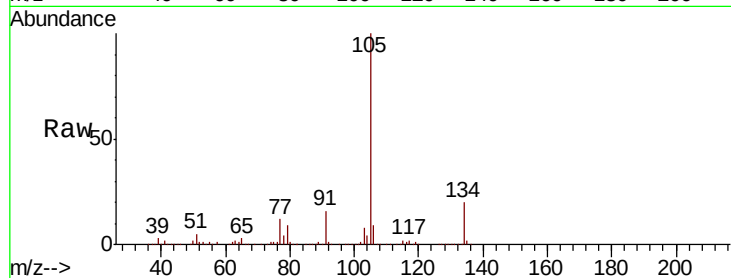
VSTDCCC050EC

Tot Ion:105 Resp: 747433

Ion Ratio Lower Upper

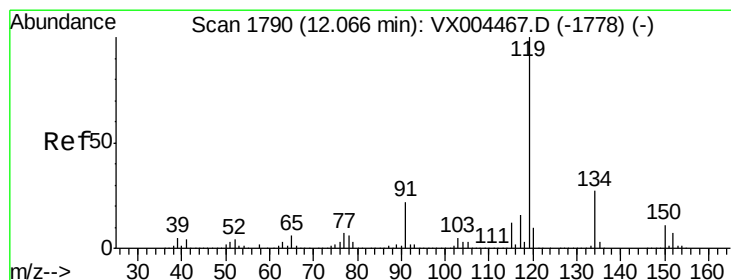
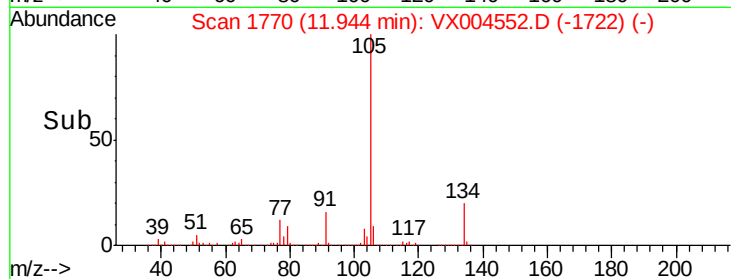
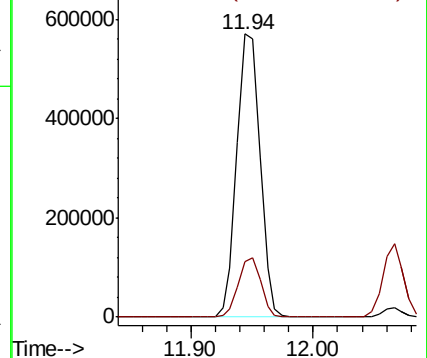
105 100

134 20.2 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: 56.13 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

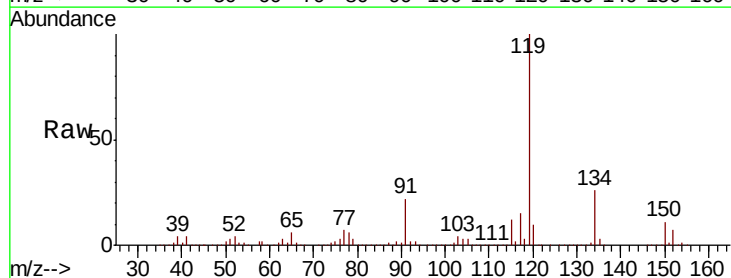
Tgt Ion:119 Resp: 657205

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

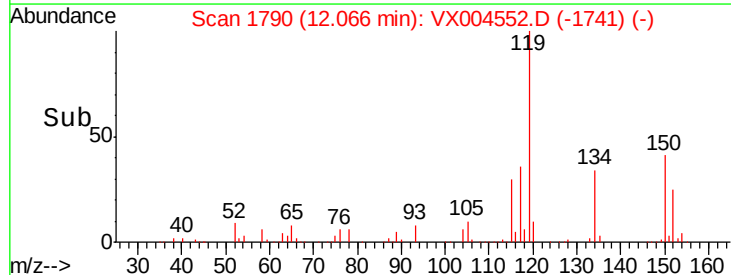
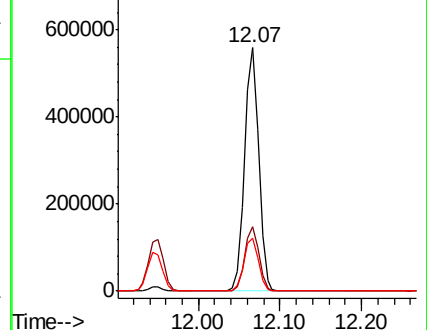
91 22.3 10.9 32.7

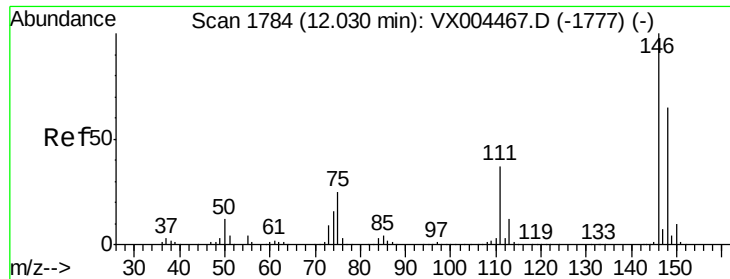


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

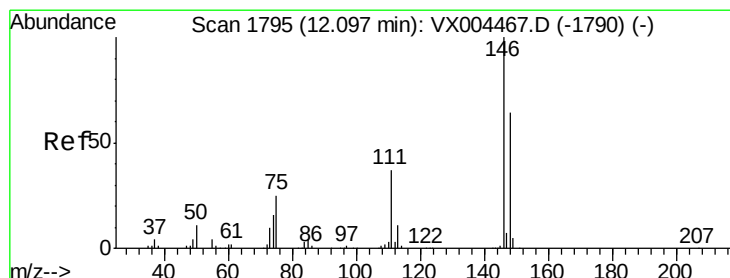
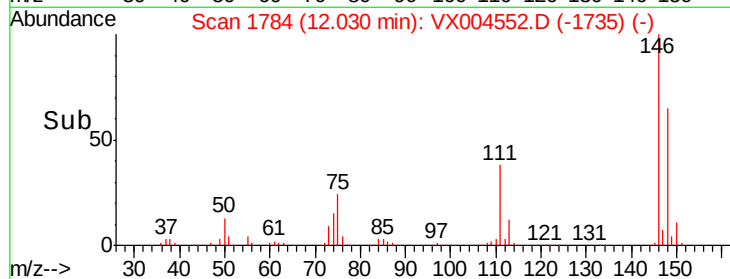
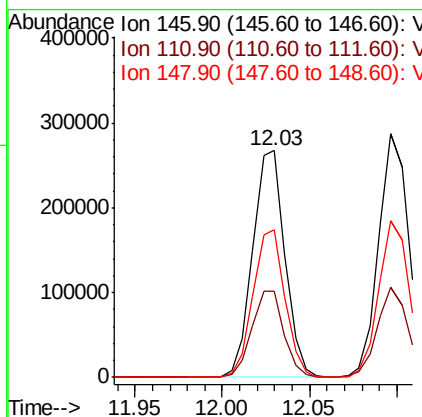
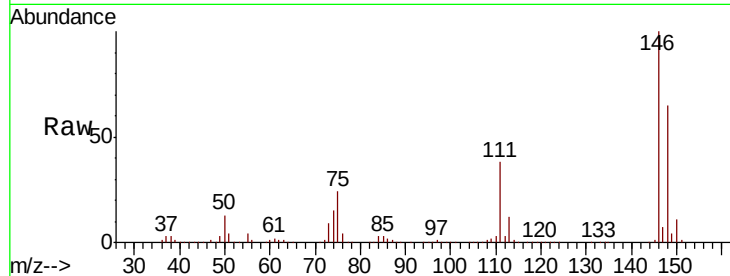




#87
 1,3-Dichlorobenzene
 Concen: 51.13 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

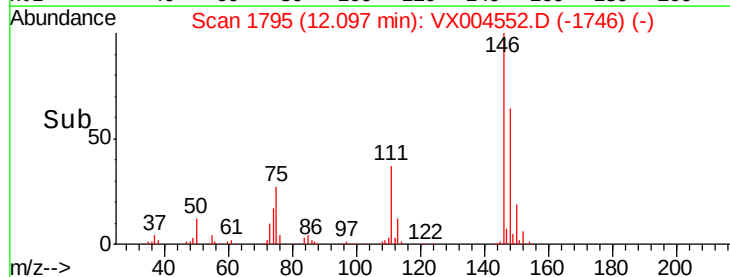
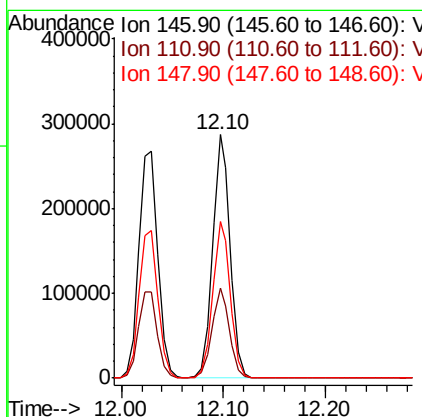
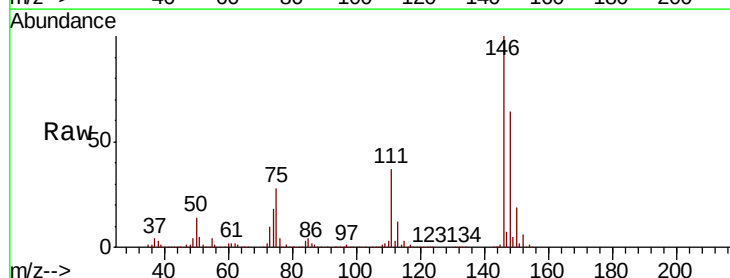
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

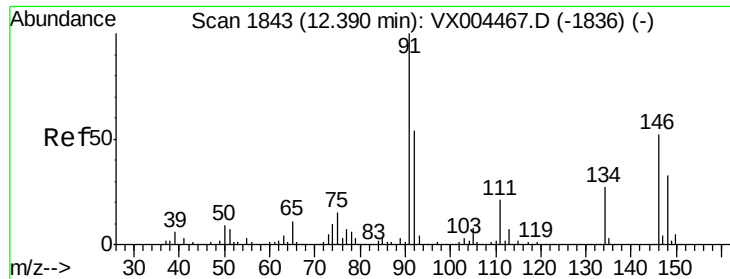
Tot Ion:146 Resp: 342745
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 64.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.99 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion:146 Resp: 346286
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.1
 148 64.8 32.0 96.0

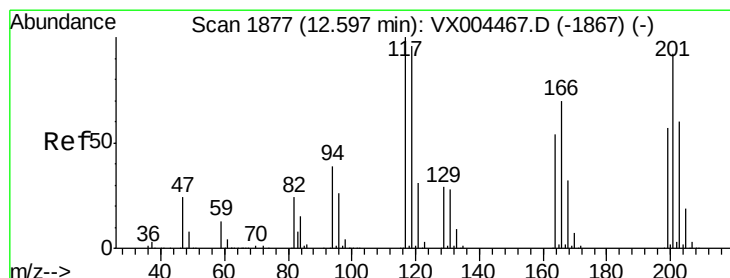
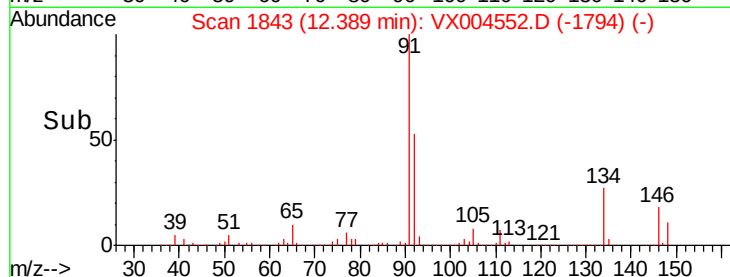
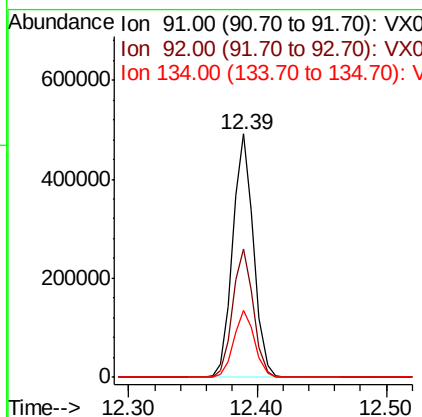
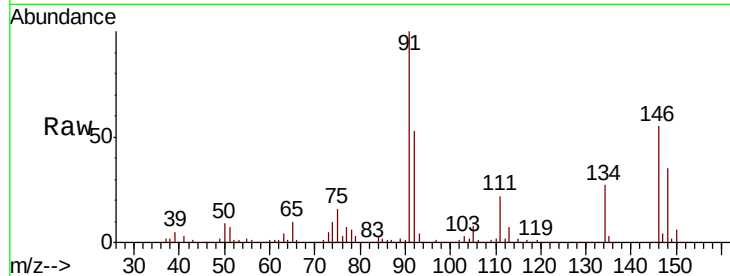




#89
n-Butylbenzene
Concen: 52.11 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

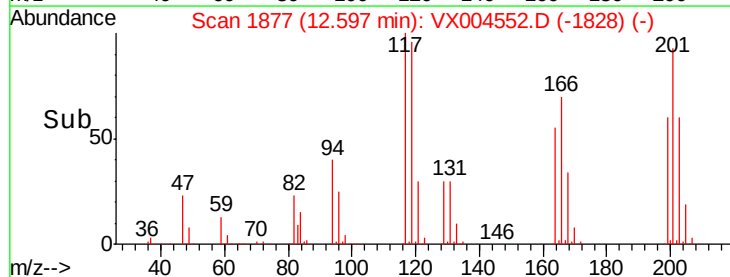
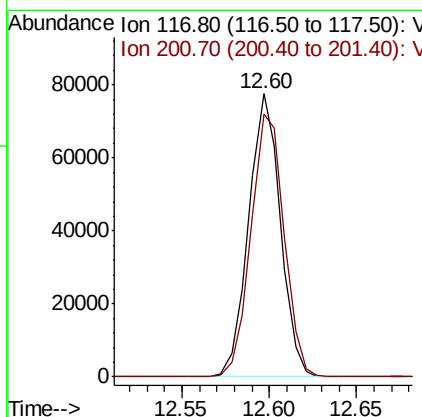
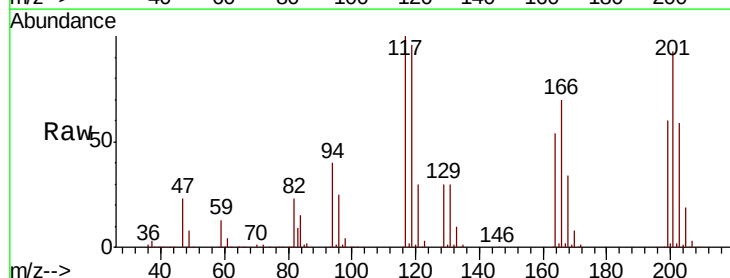
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

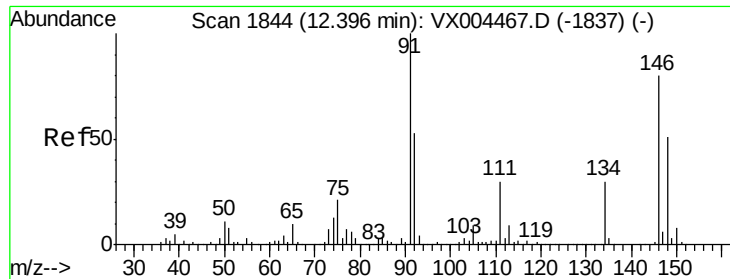
Tot Ion: 91 Resp: 555993
Ion Ratio Lower Upper
91 100
92 52.7 27.3 81.9
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 52.00 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004552.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 117 Resp: 97465
Ion Ratio Lower Upper
117 100
201 97.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 51.53 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

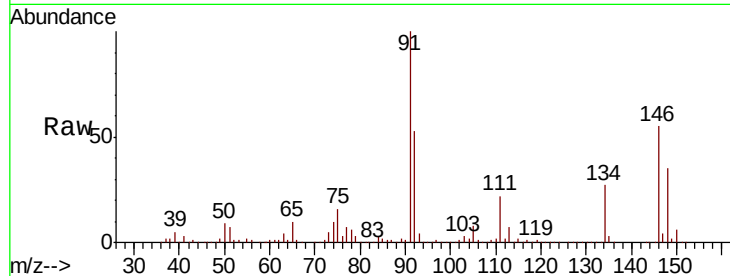
Tot Ion:146 Resp: 349640

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

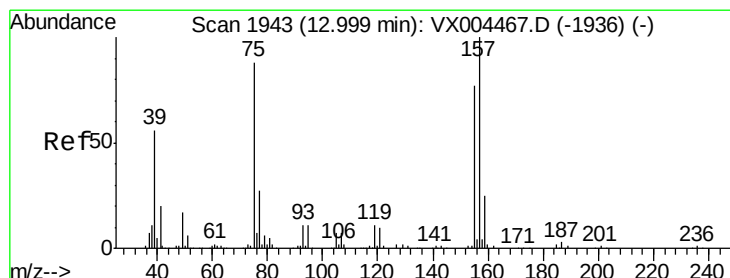
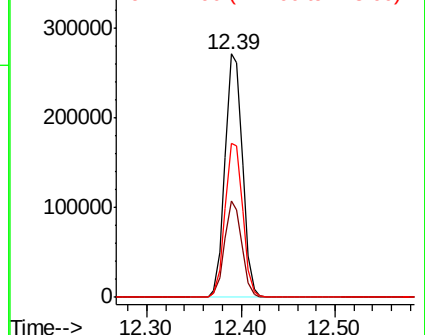
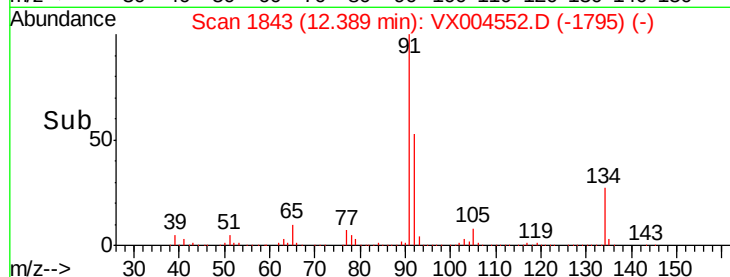
148 64.1 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.59 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

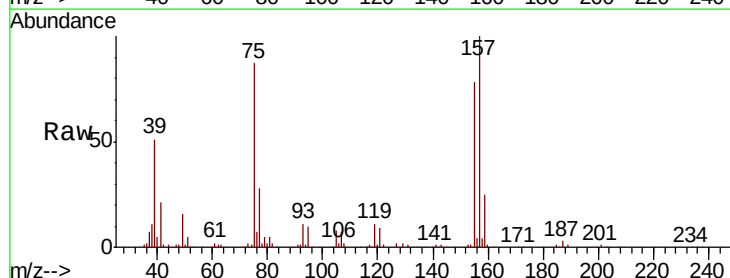
Tgt Ion: 75 Resp: 48874

Ion Ratio Lower Upper

75 100

155 94.7 48.0 144.2

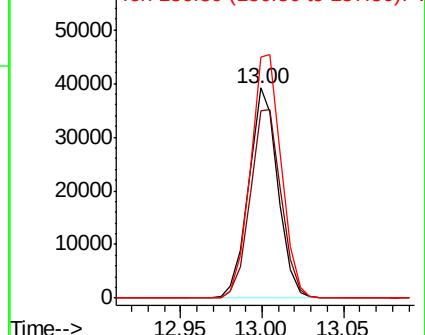
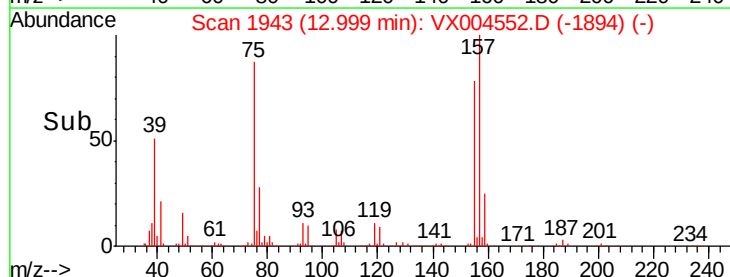
157 122.3 61.4 184.1

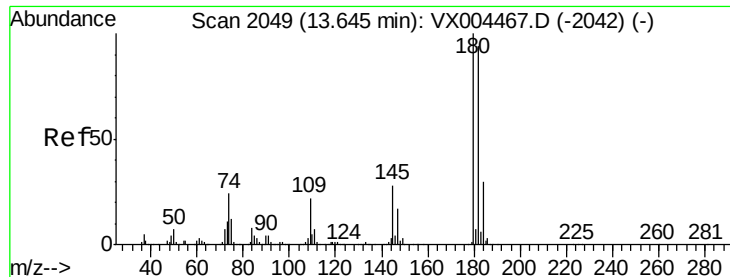


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

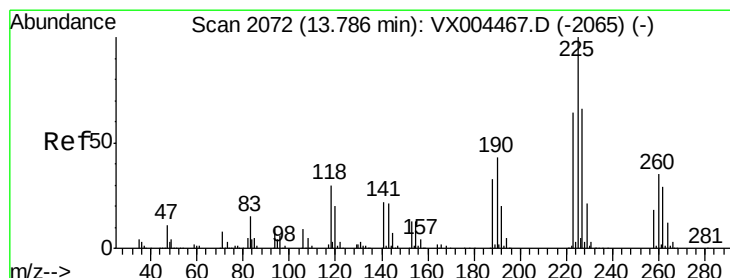
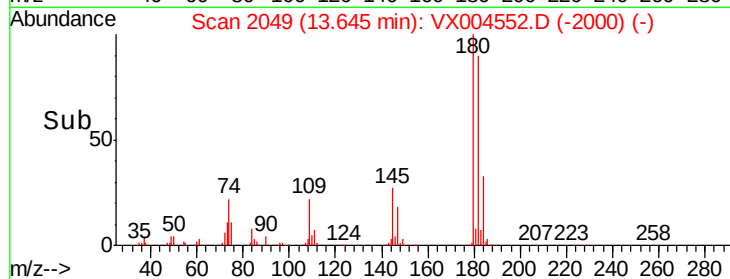
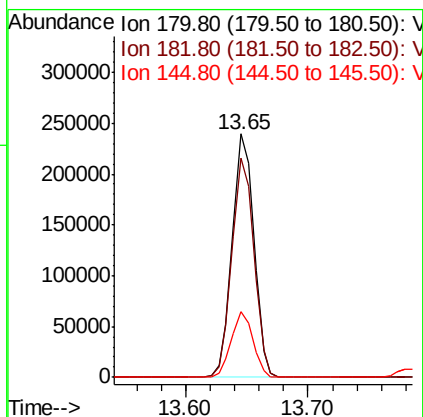
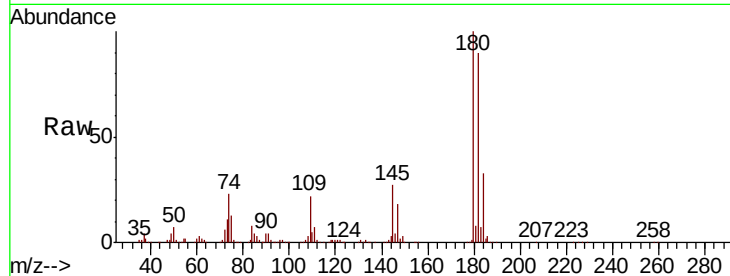




#93
 1,2,4-Trichlorobenzene
 Concen: 61.10 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

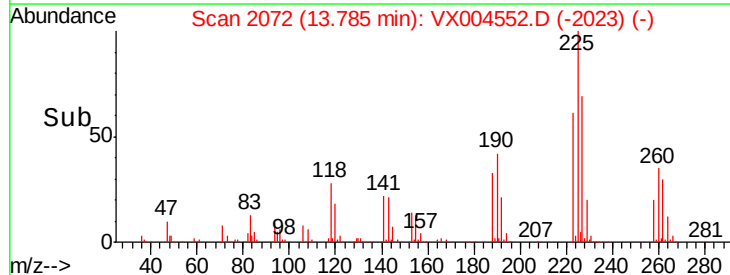
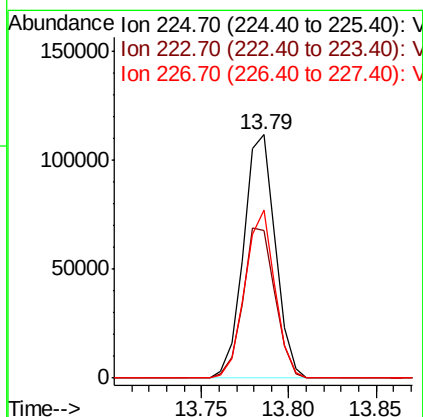
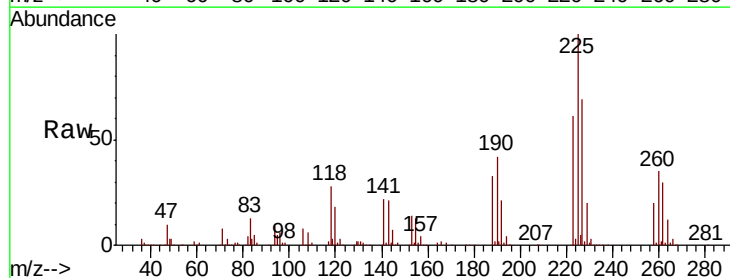
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

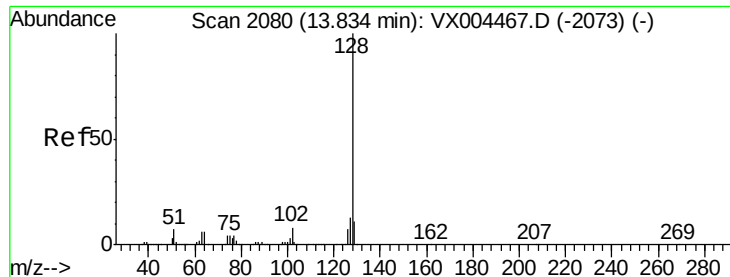
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	48.4	145.0
145	26.8	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 55.93 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004552.D
 Acq: 14 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.1	90.5
227	65.2	30.8	92.4





#95

Naphthalene

Concen: 59.20 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

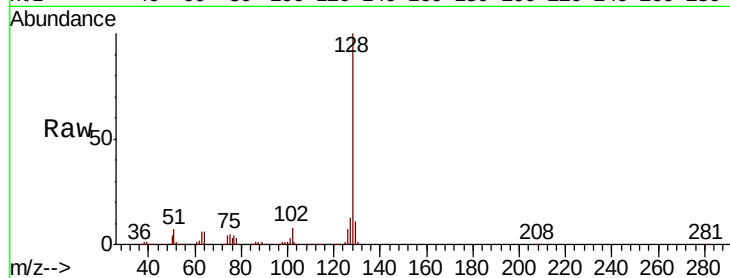
Tot Ion:128 Resp: 797682

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.6 12.8

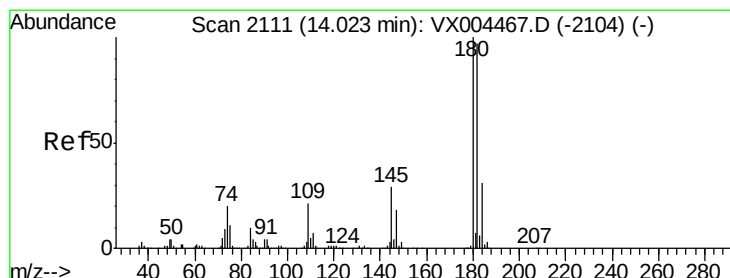
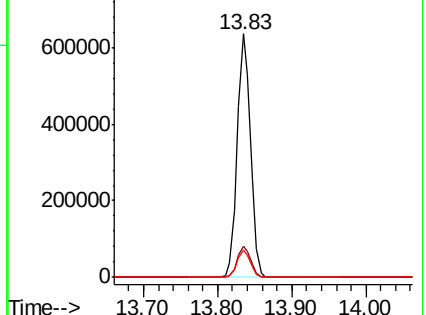
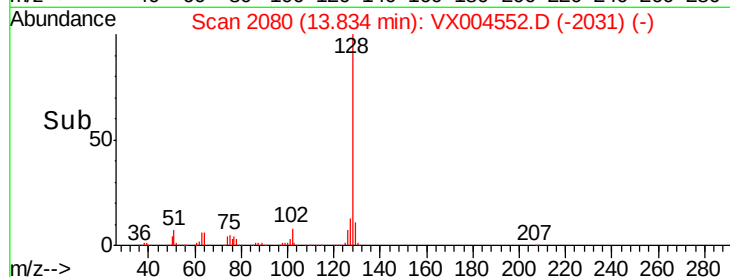


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.10 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004552.D

Acq: 14 Sep 2018 20:40

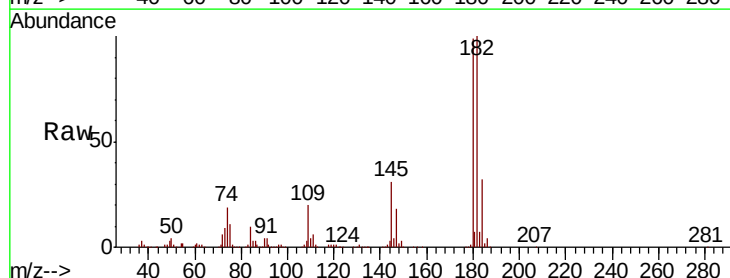
Tgt Ion:180 Resp: 271959

Ion Ratio Lower Upper

180 100

182 97.7 48.5 145.6

145 30.1 14.9 44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

