

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
 Data File : VX005205.D
 Acq On : 10 Oct 2018 12:47
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 10 13:57:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	127441	34.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.70%	
35) Dibromofluoromethane	5.50	113	104638	33.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.68%	
50) Toluene-d8	8.72	98	385368	36.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.88%	
62) 4-Bromofluorobenzene	11.14	95	148680	39.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	143843	41.21	ug/l	98
3) Chloromethane	1.32	50	160008	37.78	ug/l	100
4) Vinyl Chloride	1.40	62	156065	39.29	ug/l	99
5) Bromomethane	1.64	94	86156	36.58	ug/l	95
6) Chloroethane	1.71	64	93401	42.81	ug/l	96
7) Trichlorofluoromethane	1.92	101	204141	41.51	ug/l	93
8) Diethyl Ether	2.19	74	79963	37.43	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109430	39.07	ug/l	99
10) Methyl Iodide	2.51	142	135383	36.12	ug/l	92
11) Tert butyl alcohol	3.09	59	200131	195.70	ug/l	100
12) 1,1-Dichloroethene	2.37	96	106104	38.25	ug/l	96
13) Acrolein	2.29	56	125525	172.52	ug/l	90
14) Allyl chloride	2.72	41	237731	39.28	ug/l	95
15) Acrylonitrile	3.15	53	436545	193.92	ug/l	96
16) Acetone	2.45	43	396234	185.57	ug/l	93
17) Carbon Disulfide	2.56	76	315460	37.84	ug/l	100
18) Methyl Acetate	2.78	43	223742	41.36	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	382181	39.94	ug/l	96
20) Methylene Chloride	2.85	84	123195	39.51	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	114566	37.73	ug/l	85
22) Diisopropyl ether	3.87	45	382210	37.50	ug/l	98
23) Vinyl Acetate	3.82	43	1722353	184.61	ug/l	99
24) 1,1-Dichloroethane	3.69	63	230005	37.83	ug/l	100
25) 2-Butanone	4.71	43	576380	183.13	ug/l	97
26) 2,2-Dichloropropane	4.58	77	149507	35.31	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	120703	35.58	ug/l	95
28) Bromochloromethane	5.02	49	93040	32.50	ug/l	99
29) Tetrahydrofuran	5.16	42	373394	190.88	ug/l	98
30) Chloroform	5.21	83	206499	35.94	ug/l	98
31) Cyclohexane	5.57	56	184946	39.74	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	177982	37.93	ug/l	96
36) 1,1-Dichloropropene	5.79	75	152584	35.63	ug/l	95
37) Ethyl Acetate	4.86	43	198205	34.87	ug/l	98
38) Carbon Tetrachloride	5.78	117	159465	35.43	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177583	40.62	ug/l	86
40) Benzene	6.14	78	460504	34.35	ug/l	95
41) Methacrylonitrile	5.06	41	111718	35.44	ug/l	98
42) 1,2-Dichloroethane	6.20	62	166541	35.14	ug/l	97
43) Isopropyl Acetate	6.46	43	291788	35.57	ug/l	96
44) Trichloroethene	7.21	130	123918	37.60	ug/l	99
45) 1,2-Dichloropropane	7.52	63	124705	37.93	ug/l	99
46) Dibromomethane	7.66	93	80387	38.91	ug/l	100
47) Bromodichloromethane	7.90	83	154641	39.98	ug/l	99
48) Methyl methacrylate	7.78	41	156729	42.09	ug/l	99
49) 1,4-Dioxane	7.76	88	74249	802.63	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1076380	208.38	ug/l	99
52) Toluene	8.79	92	288449	39.16	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	170059	38.91	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	186799	40.80	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	120291	37.28	ug/l	97
56) Ethyl methacrylate	9.18	69	186243	36.40	ug/l	97
57) 1,3-Dichloropropane	9.37	76	202063	37.63	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	493858	181.76	ug/l	99
59) 2-Hexanone	9.50	43	864837	200.92	ug/l	95
60) Dibromochloromethane	9.59	129	126565	39.22	ug/l	99
61) 1,2-Dibromoethane	9.68	107	125804	36.41	ug/l	96
64) Tetrachloroethene	9.34	164	127072	36.62	ug/l	96
65) Chlorobenzene	10.14	112	324419	35.89	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	119044	37.46	ug/l	99
67) Ethyl Benzene	10.26	91	557850	38.87	ug/l	97
68) m/p-Xylenes	10.36	106	437363	77.98	ug/l	95
69) o-Xylene	10.70	106	210603	40.88	ug/l	99
70) Styrene	10.71	104	358549	37.76	ug/l	100
71) Bromoform	10.86	173	105754	38.87	ug/l	97
73) Isopropylbenzene	11.02	105	569757	45.03	ug/l	100
74) N-amyl acetate	10.90	43	267443	38.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200769	38.98	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	232157	51.60	ug/l	84
77) Bromobenzene	11.26	156	152651	41.54	ug/l	99
78) n-propylbenzene	11.36	91	658061	45.33	ug/l	100
79) 2-Chlorotoluene	11.42	91	389380	43.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	490657	42.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57426	35.41	ug/l	100
82) 4-Chlorotoluene	11.51	91	463196	43.49	ug/l	100
83) tert-Butylbenzene	11.77	119	478632	45.94	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	505085	42.20	ug/l	99
85) sec-Butylbenzene	11.94	105	582379	45.90	ug/l	99
86) p-Isopropyltoluene	12.07	119	524812	45.65	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	283501	41.31	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288441	40.72	ug/l	100
89) n-Butylbenzene	12.39	91	465511	44.59	ug/l	100
90) Hexachloroethane	12.60	117	84917	44.36	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	291007	40.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50243	44.43	ug/l	100

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QLast Update : Wed Oct 03 04:00:03 2018
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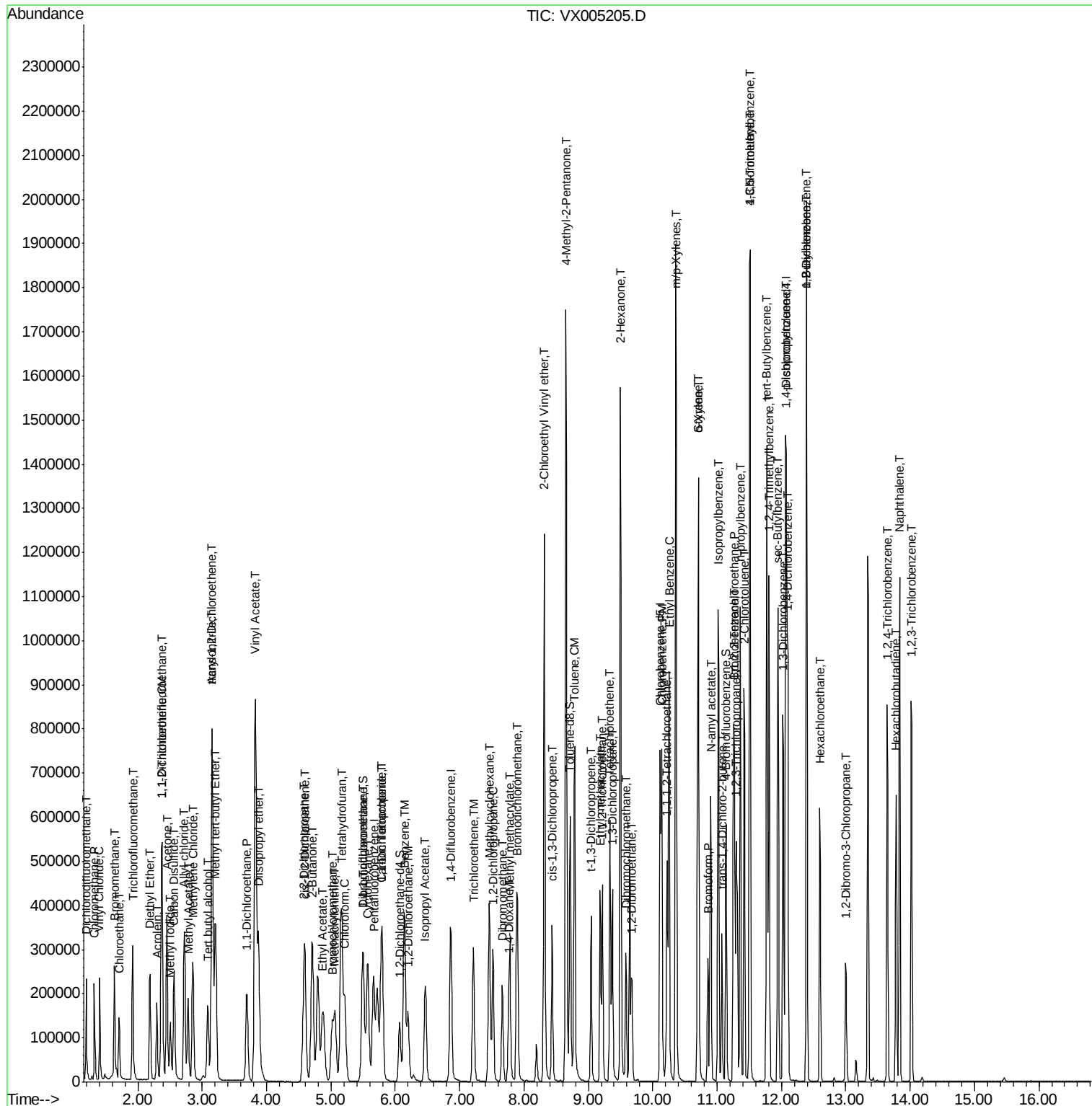
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	218133	43.36	ug/l	100
94) Hexachlorobutadiene	13.79	225	108675	41.66	ug/l	100
95) Naphthalene	13.83	128	684856	41.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	223885	43.08	ug/l	100

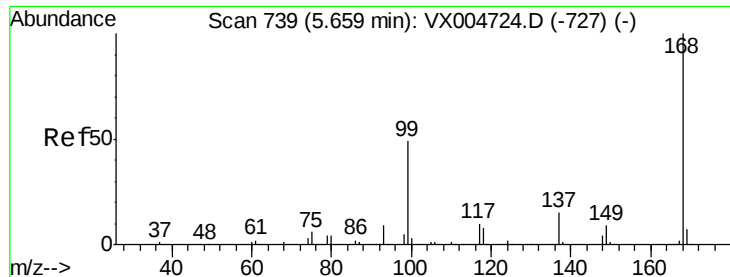
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

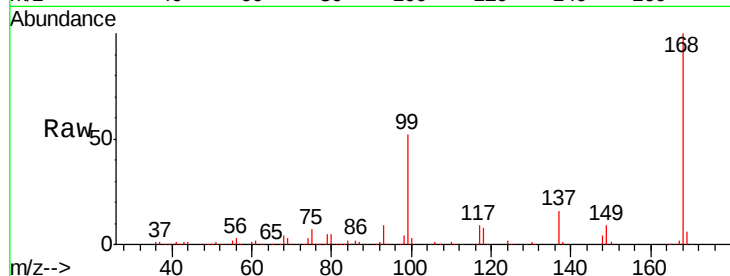
VSTDCCC050EC

Tgt Ion:168 Resp: 256027

Ion Ratio Lower Upper

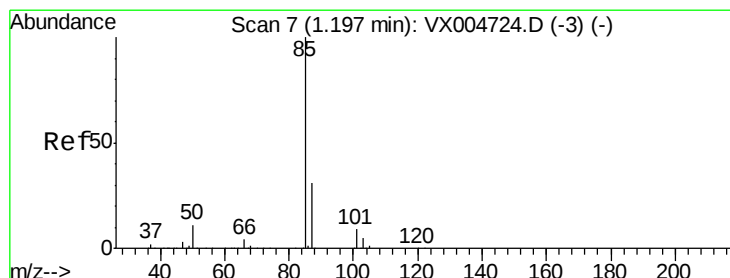
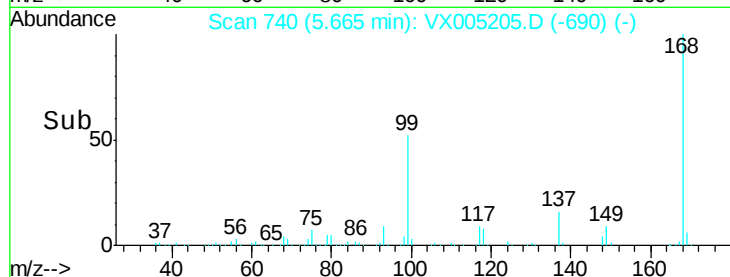
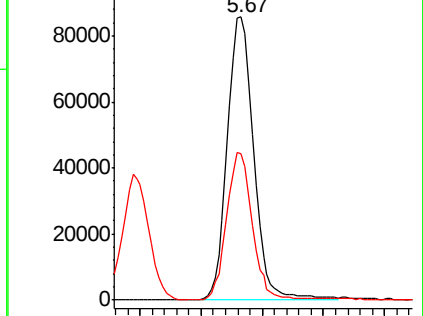
168 100

99 51.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.21 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005205.D

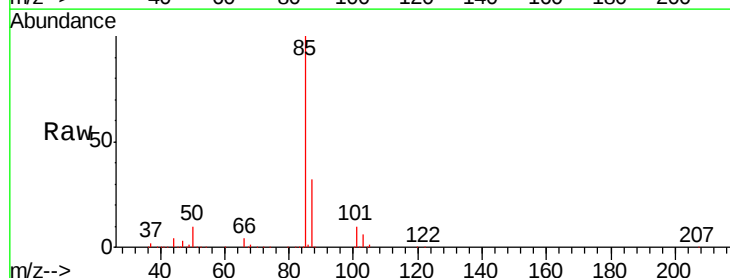
Acq: 10 Oct 2018 12:47

Tgt Ion: 85 Resp: 143843

Ion Ratio Lower Upper

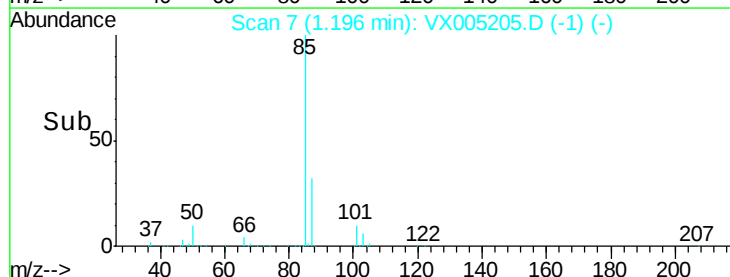
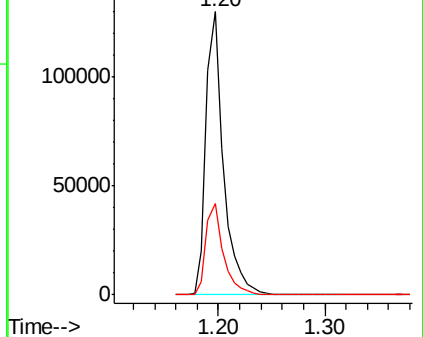
85 100

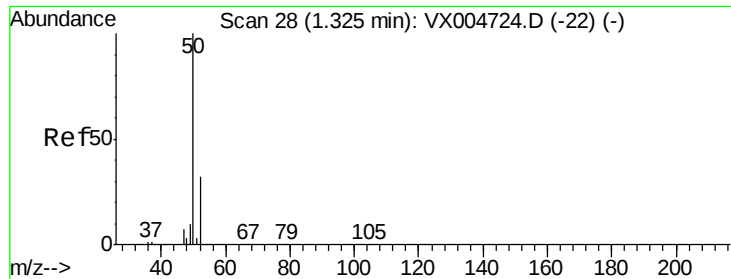
87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.78 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

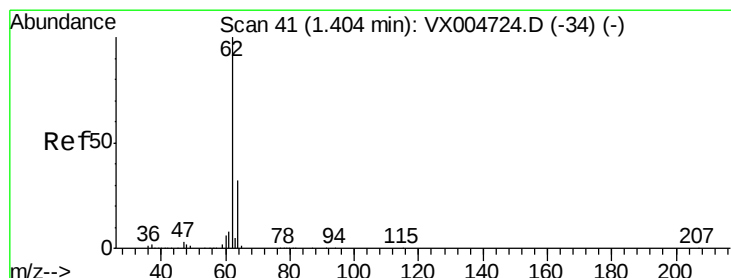
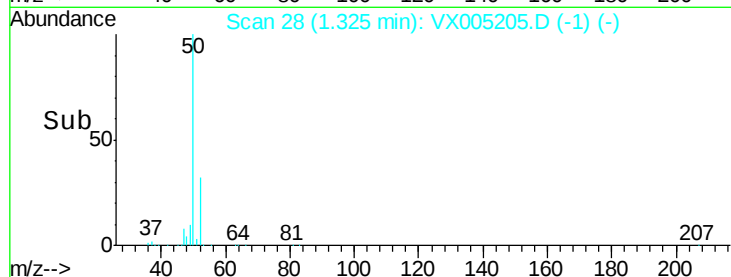
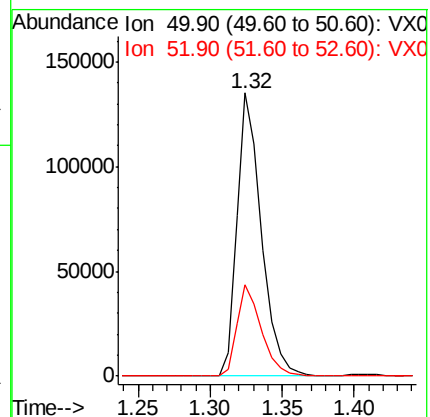
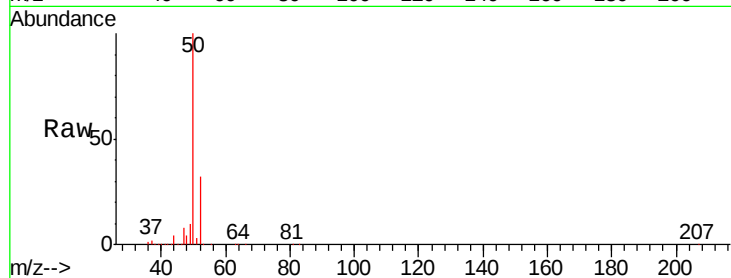
VSTDCCC050EC

Tgt Ion: 50 Resp: 160008

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 39.29 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005205.D

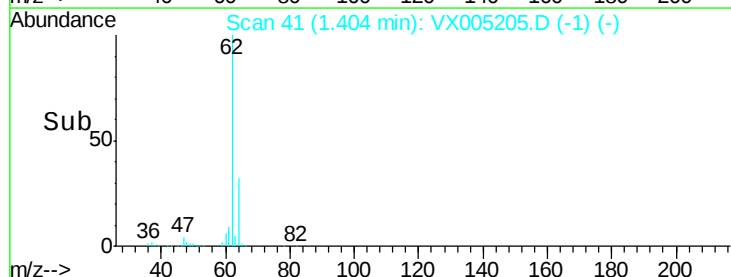
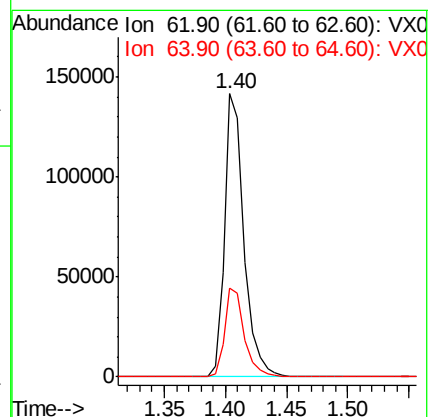
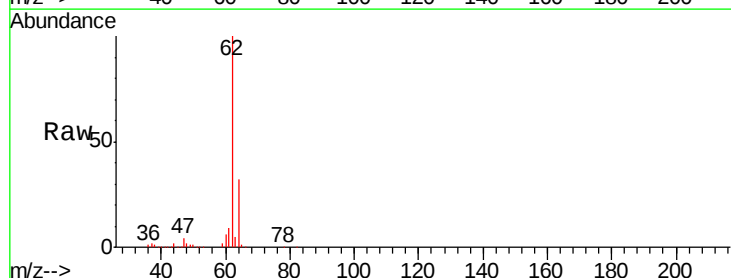
Acq: 10 Oct 2018 12:47

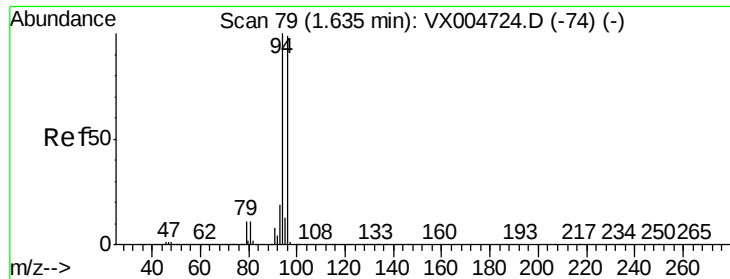
Tgt Ion: 62 Resp: 156065

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 36.58 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

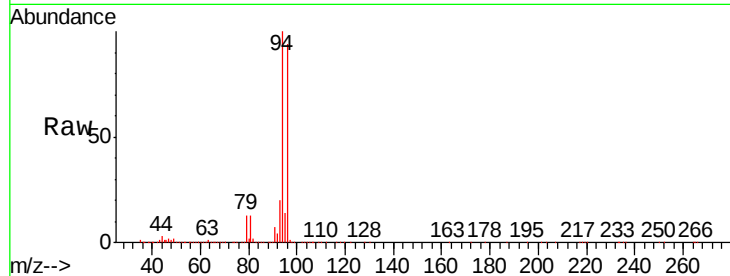
VSTDCCC050EC

Tgt Ion: 94 Resp: 86156

Ion Ratio Lower Upper

94 100

96 94.3 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

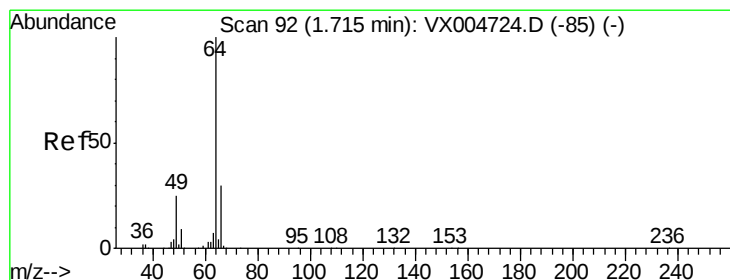
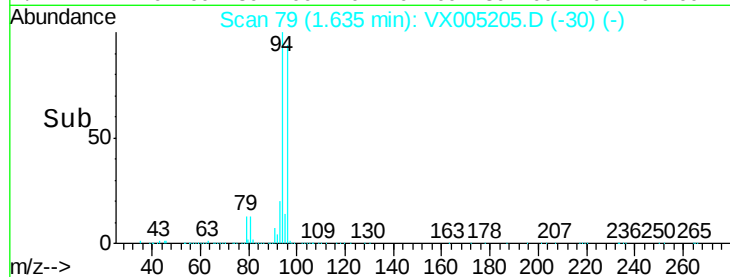
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 42.81 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005205.D

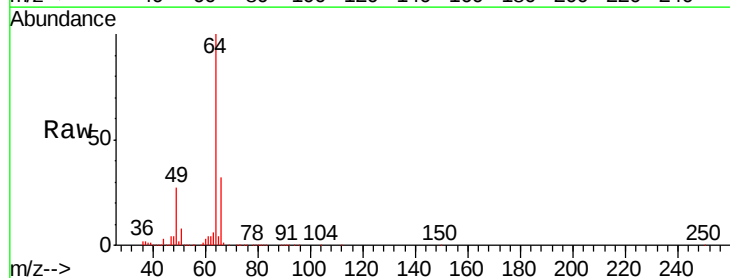
Acq: 10 Oct 2018 12:47

Tgt Ion: 64 Resp: 93401

Ion Ratio Lower Upper

64 100

66 32.0 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

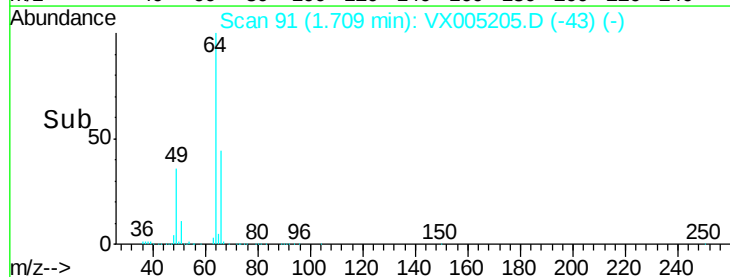
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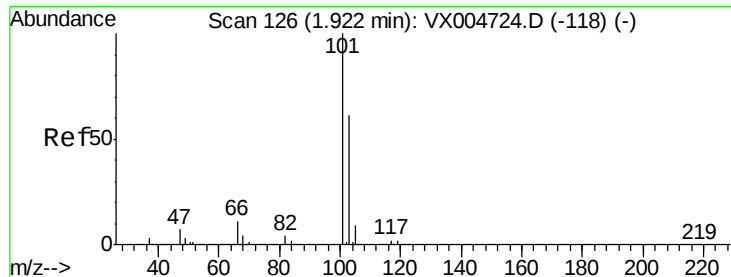
40000

20000

0

Time--> 1.60 1.65 1.70 1.75 1.80



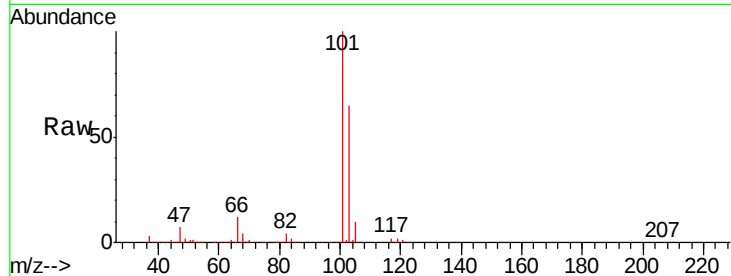


#7

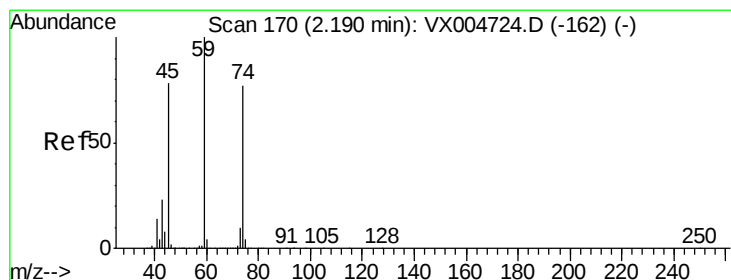
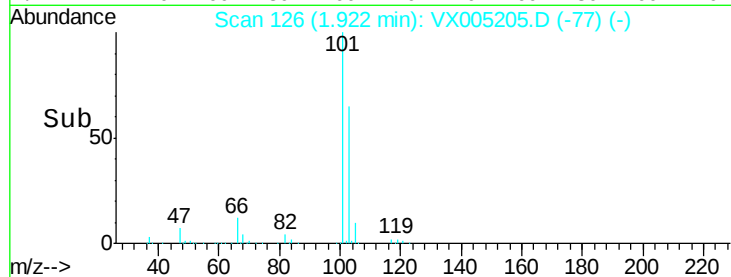
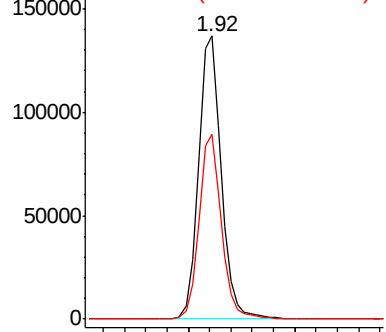
Trichlorofluoromethane
 Concen: 41.51 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Instrument :
 MSVOA_X
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 VSTDCCC050EC

Tgt Ion:101 Resp: 204141
 Ion Ratio Lower Upper
 101 100
 103 65.5 48.4 72.6



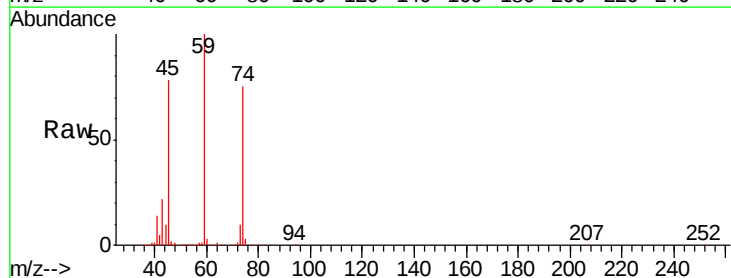
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



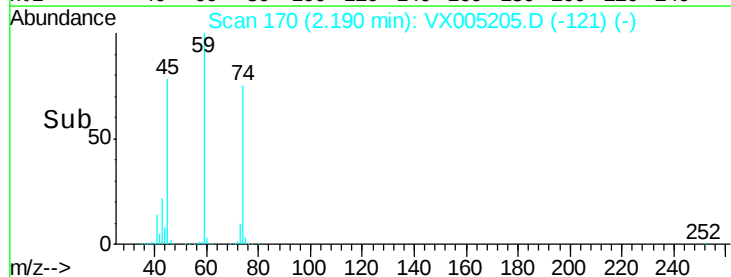
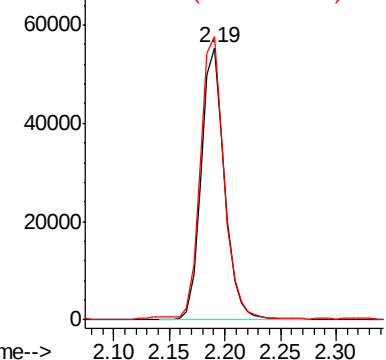
#8

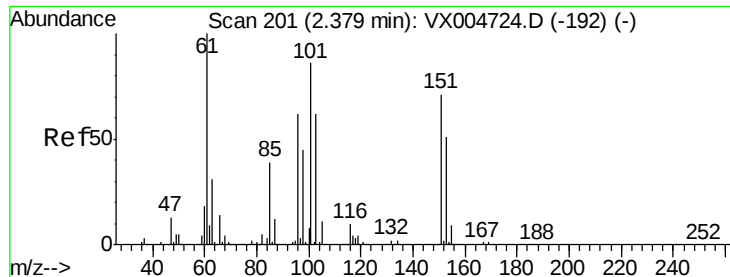
Diethyl Ether
 Concen: 37.43 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion: 74 Resp: 79963
 Ion Ratio Lower Upper
 74 100
 45 105.2 52.5 157.6



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: 39.07 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

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MSVOA_X

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VSTDCCC050EC

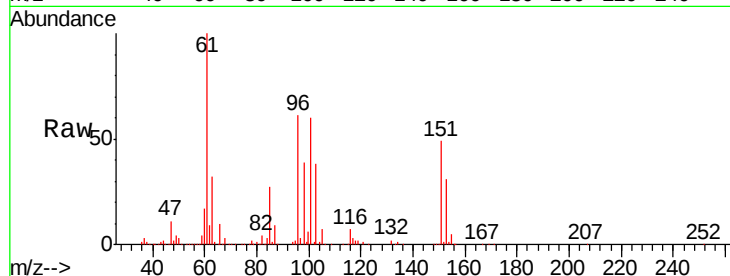
Tgt Ion:101 Resp: 109430

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

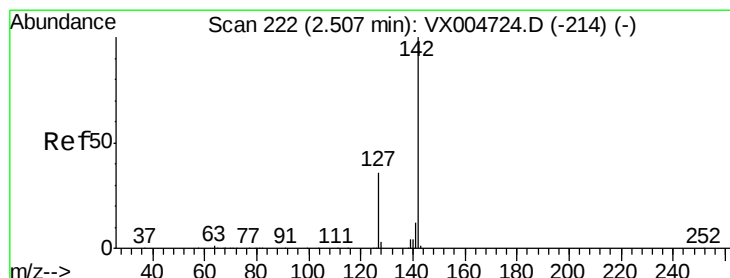
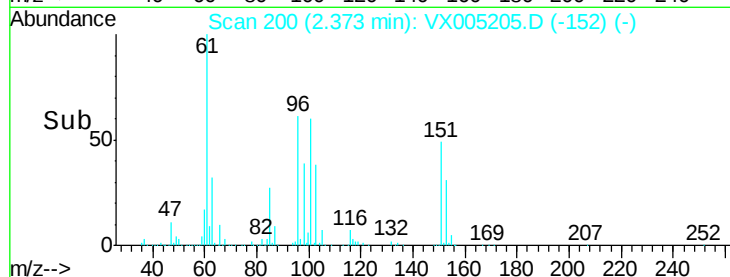
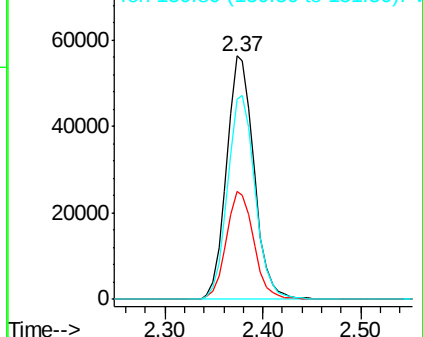
151 84.6 66.6 100.0



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: 36.12 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

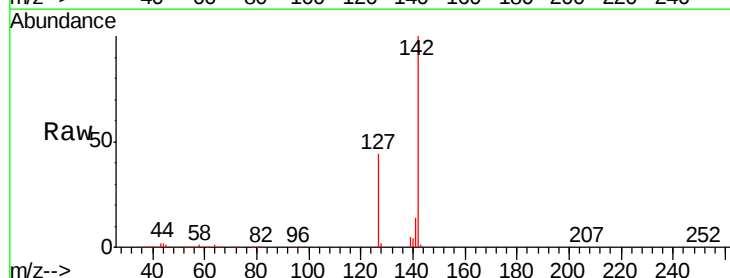
Tgt Ion:142 Resp: 135383

Ion Ratio Lower Upper

142 100

127 43.3 30.1 45.1

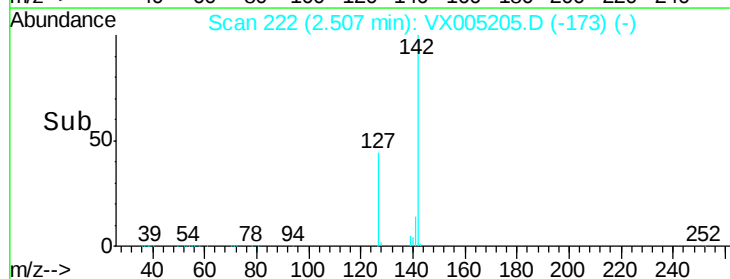
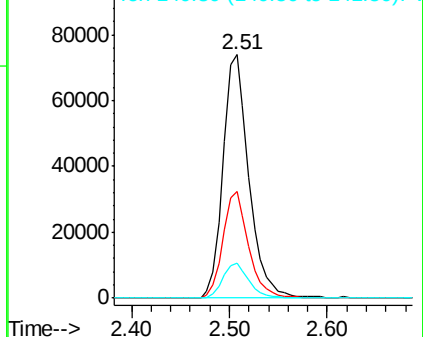
141 14.5 10.1 15.1

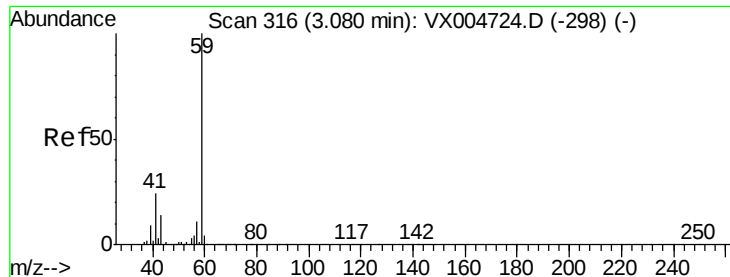


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

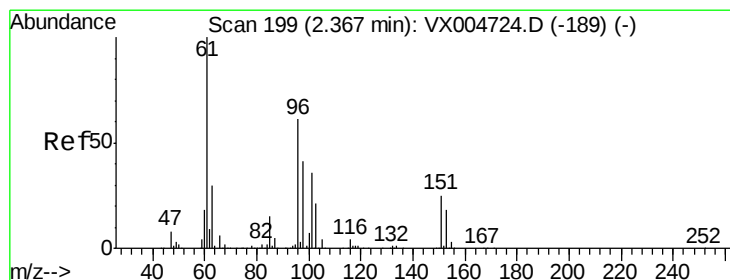
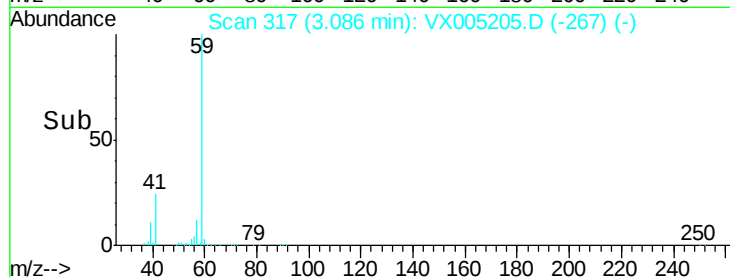
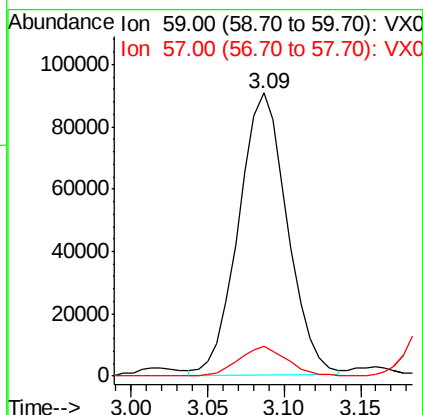
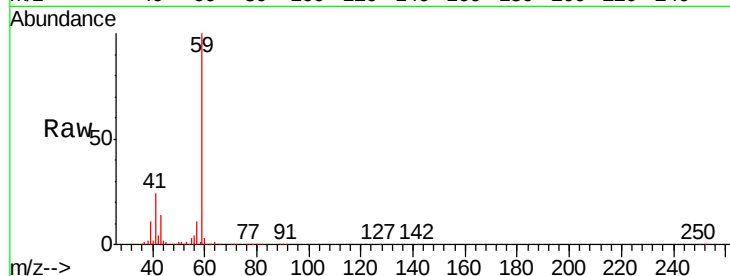




#11
Tert butyl alcohol
Concen: 195.70 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

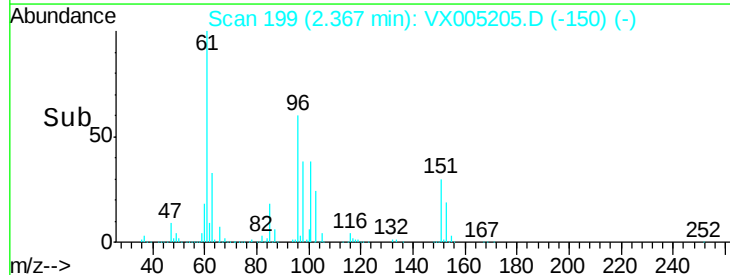
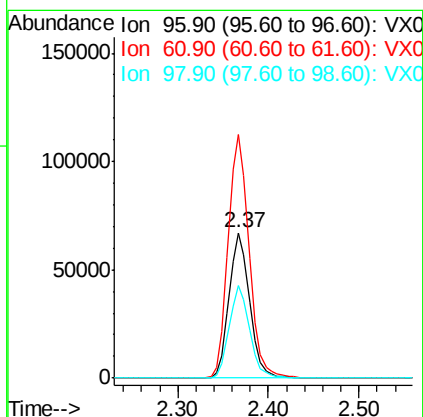
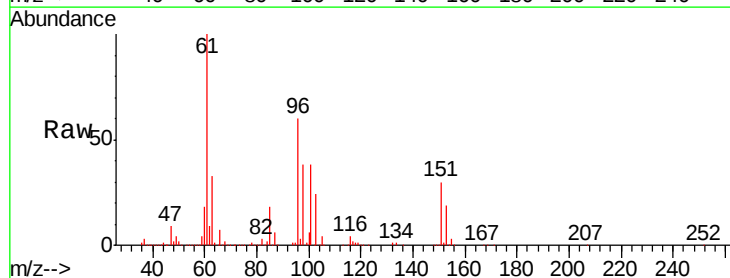
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

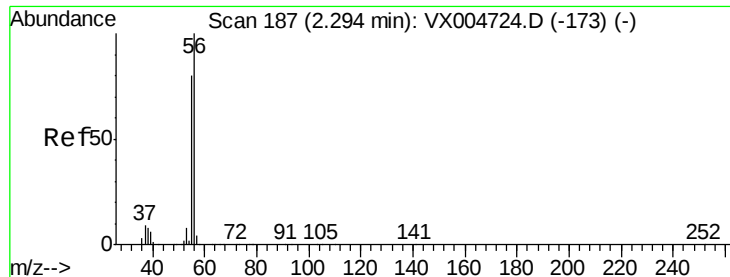
Tgt Ion: 59 Resp: 200131
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 38.25 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion: 96 Resp: 106104
Ion Ratio Lower Upper
96 100
61 167.5 130.2 195.4
98 63.4 53.4 80.0





#13

Acrolein

Concen: 172.52 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

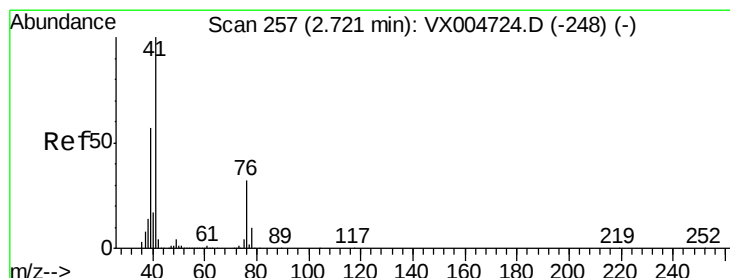
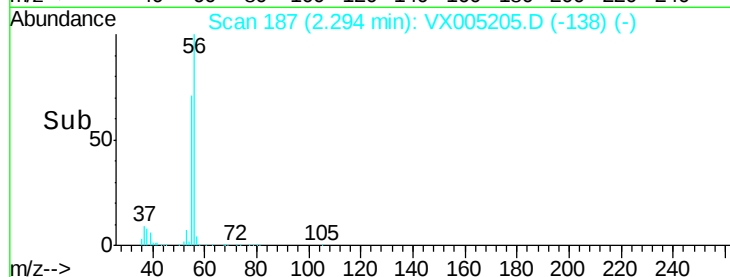
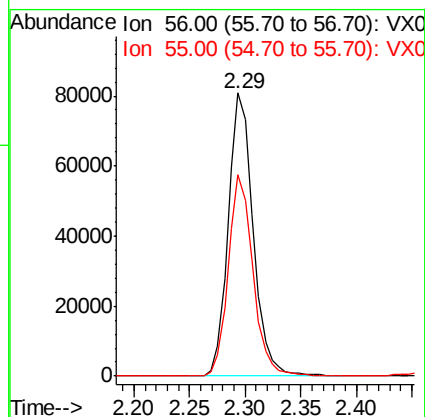
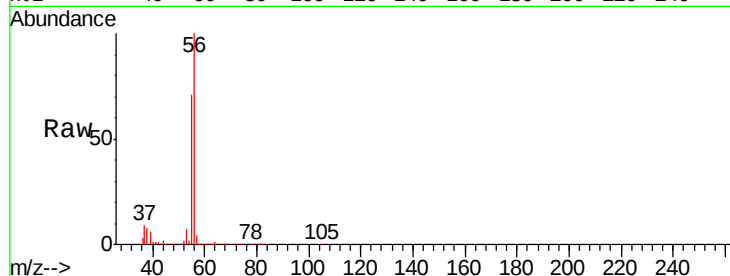
VSTDCCC050EC

Tgt Ion: 56 Resp: 125525

Ion Ratio Lower Upper

56 100

55 70.2 63.4 95.2



#14

Allyl chloride

Concen: 39.28 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

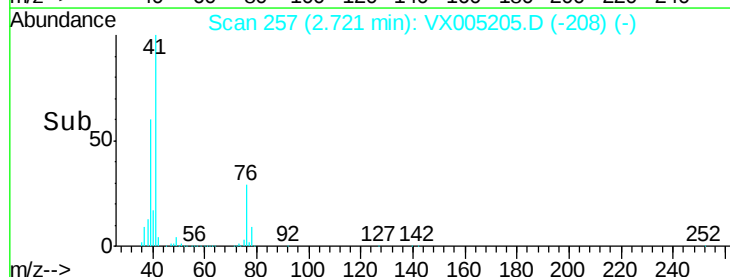
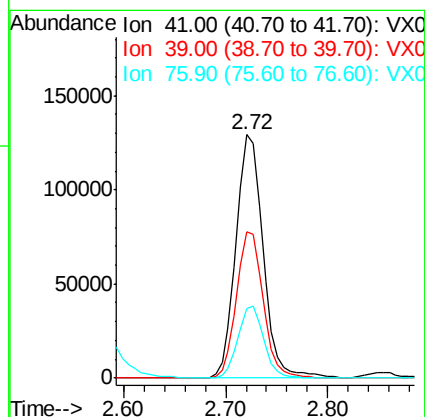
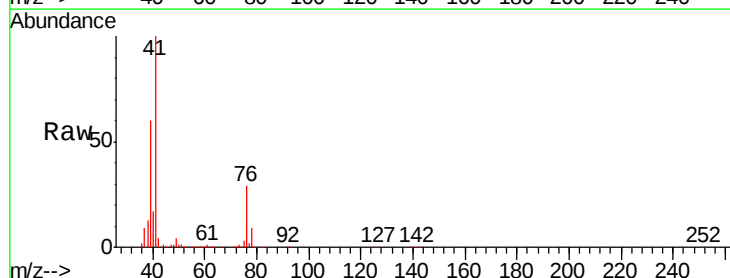
Tgt Ion: 41 Resp: 237731

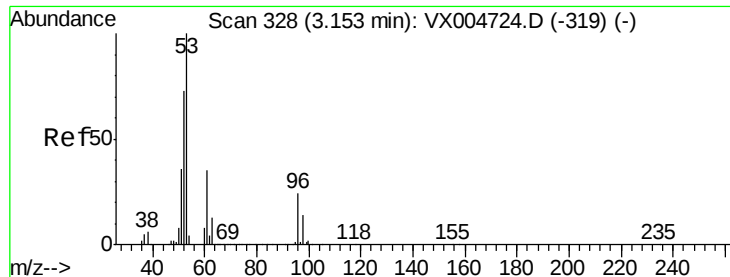
Ion Ratio Lower Upper

41 100

39 58.8 44.1 66.1

76 28.2 25.0 37.4





#15

Acrylonitrile

Concen: 193.92 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

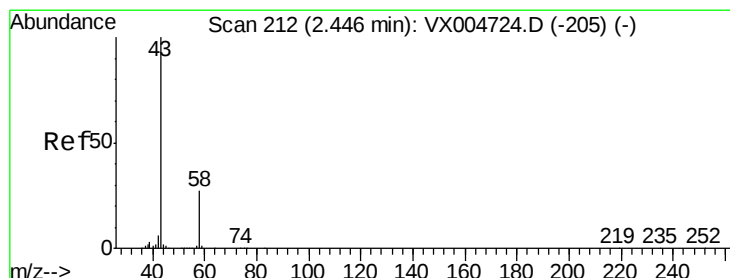
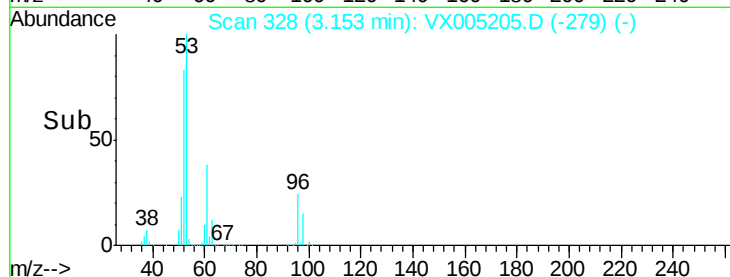
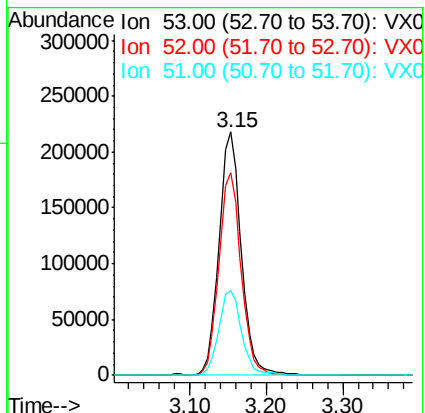
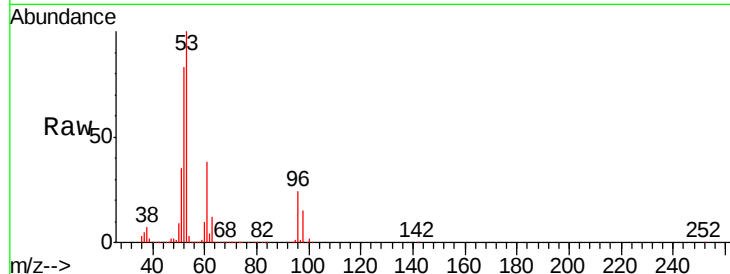
Tgt Ion: 53 Resp: 436545

Ion Ratio Lower Upper

53 100

52 83.4 63.0 94.4

51 35.8 28.6 42.8



#16

Acetone

Concen: 185.57 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005205.D

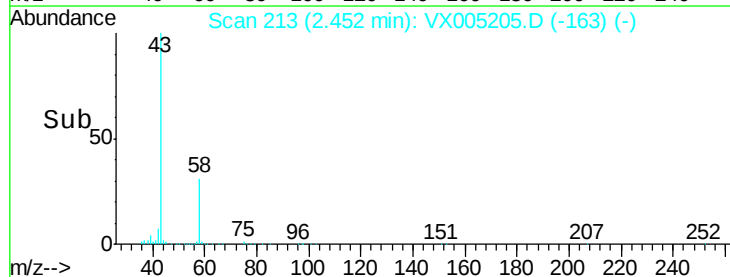
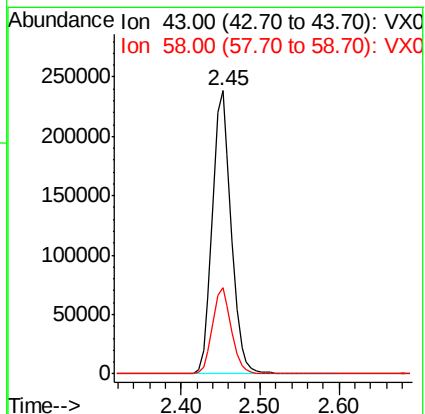
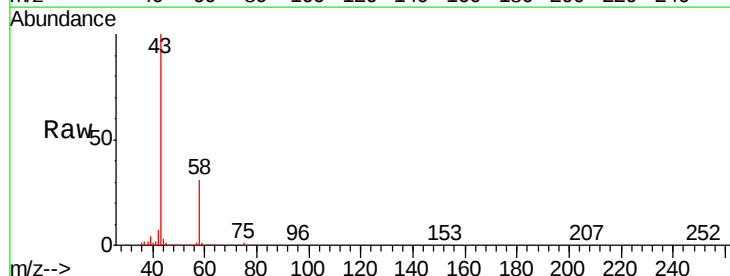
Acq: 10 Oct 2018 12:47

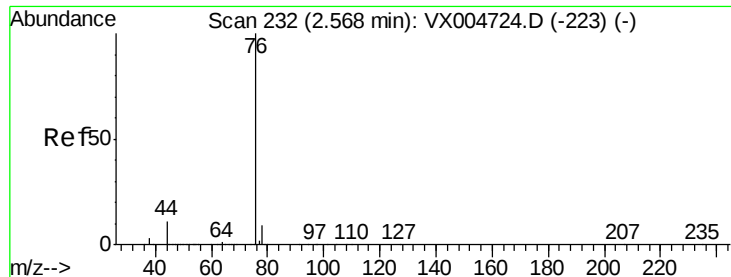
Tgt Ion: 43 Resp: 396234

Ion Ratio Lower Upper

43 100

58 30.6 21.8 32.6

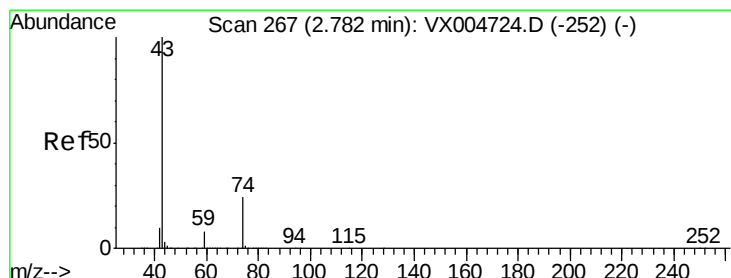
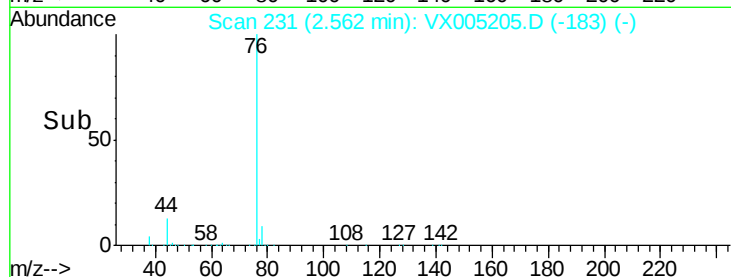
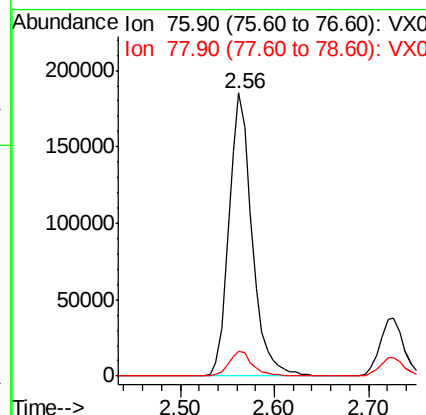
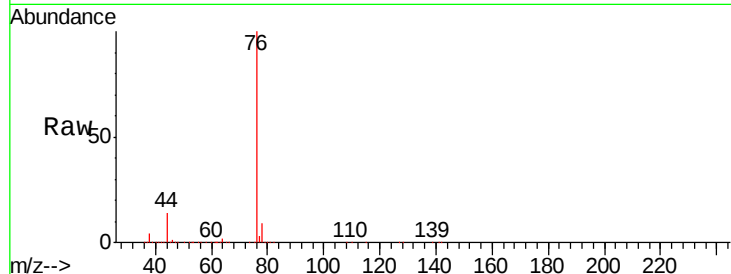




#17
Carbon Disulfide
Concen: 37.84 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

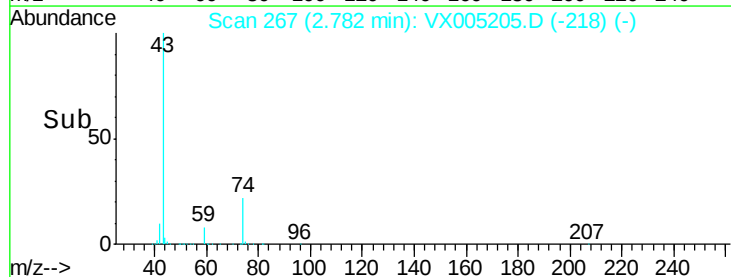
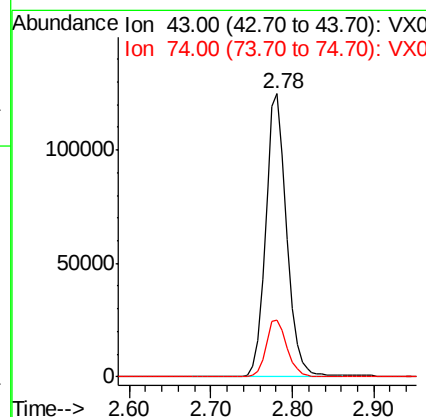
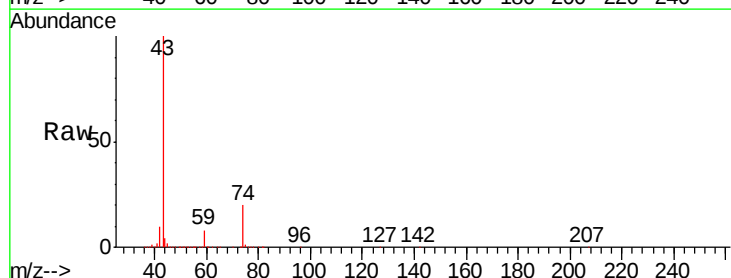
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

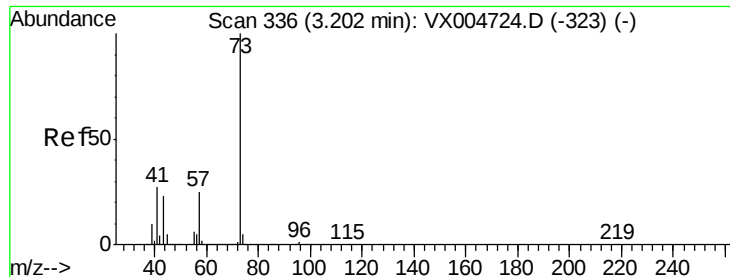
Tgt Ion: 76 Resp: 315460
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 41.36 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion: 43 Resp: 223742
Ion Ratio Lower Upper
43 100
74 20.0 17.8 26.8

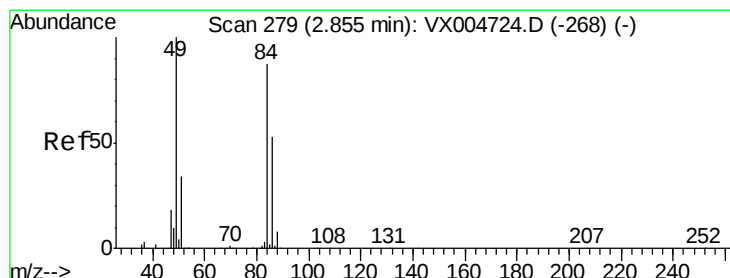
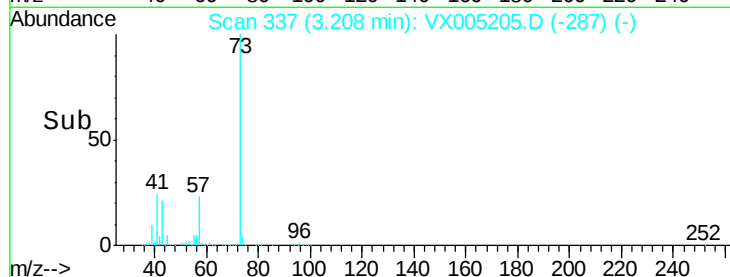
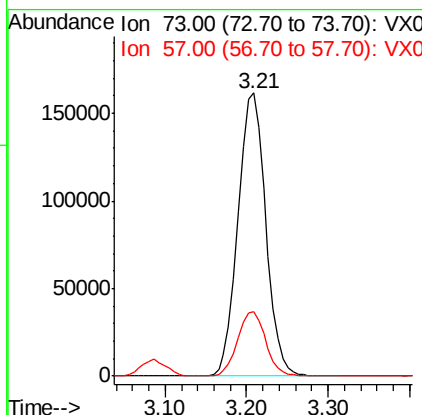
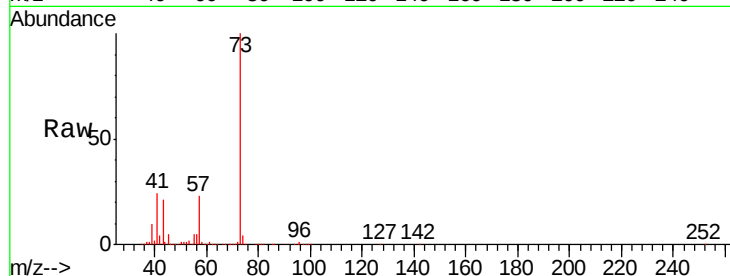




#19
Methyl tert-butyl Ether
Concen: 39.94 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

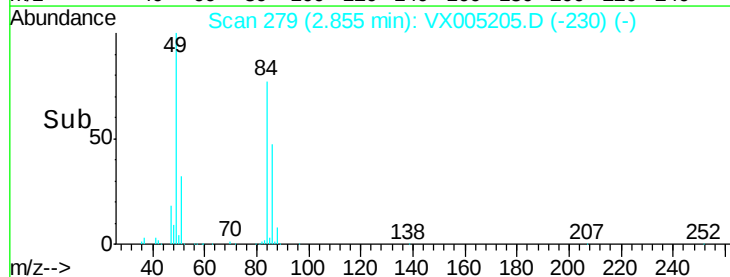
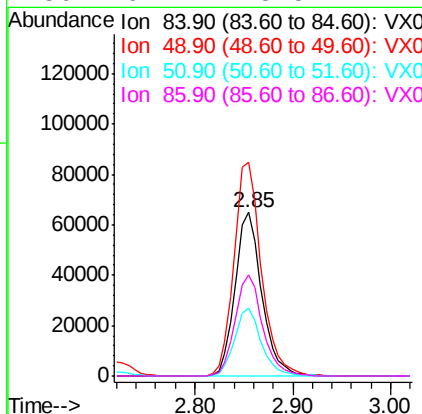
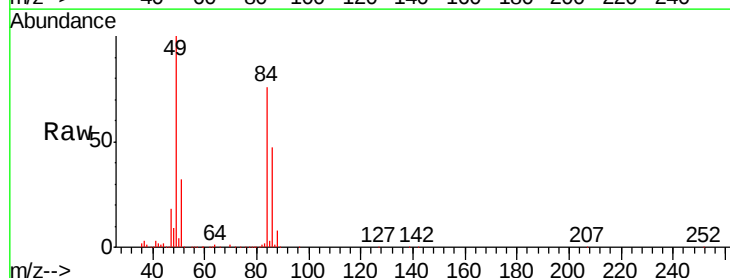
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

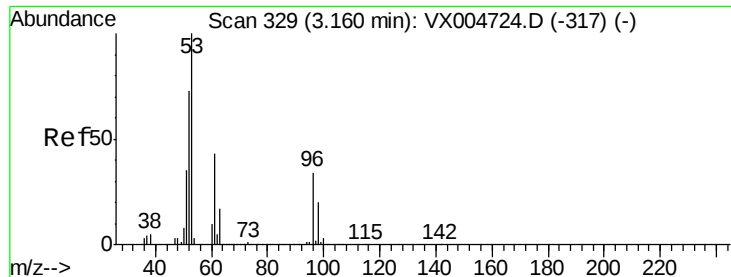
Tgt Ion: 73 Resp: 382181
Ion Ratio Lower Upper
73 100
57 22.9 19.9 29.9



#20
Methylene Chloride
Concen: 39.51 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion: 84 Resp: 123195
Ion Ratio Lower Upper
84 100
49 130.7 92.3 138.5
51 41.4 31.8 47.6
86 61.7 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 37.73 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

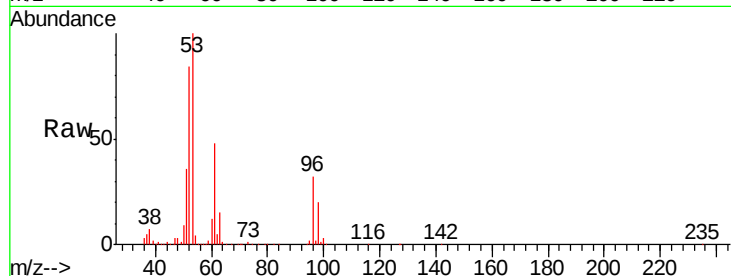
Tgt Ion: 96 Resp: 114566

Ion Ratio Lower Upper

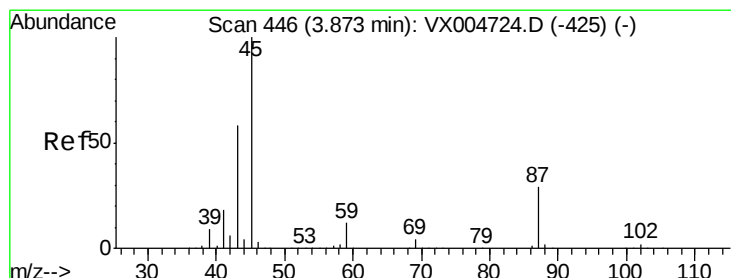
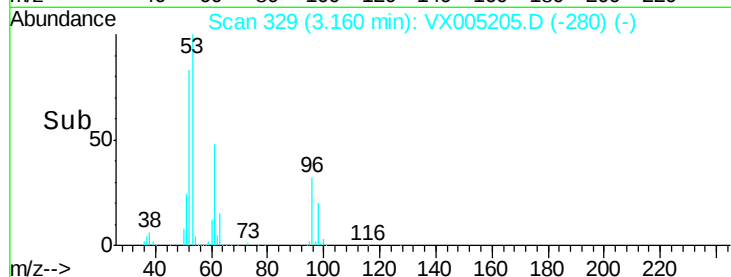
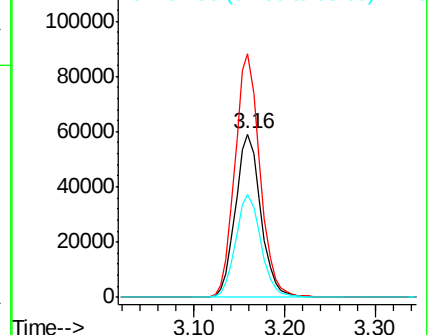
96 100

61 148.6 101.0 151.6

98 62.6 47.2 70.8



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: 37.50 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Tgt Ion: 45 Resp: 382210

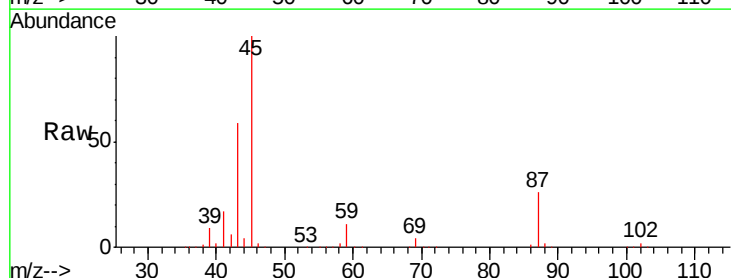
Ion Ratio Lower Upper

45 100

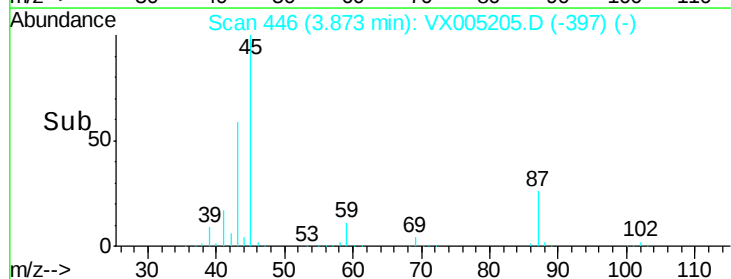
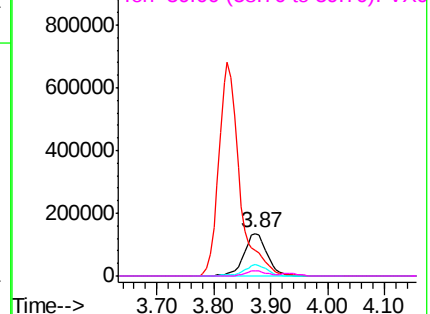
43 59.3 46.7 70.1

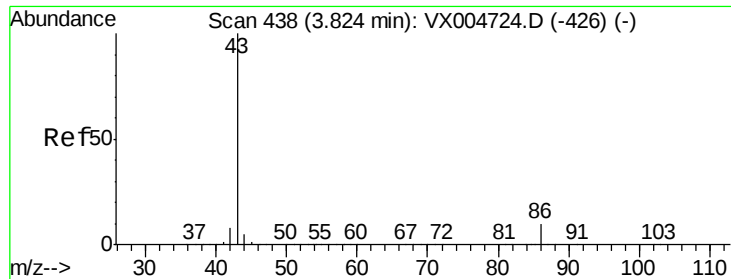
87 26.4 22.9 34.3

59 11.5 9.3 13.9



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

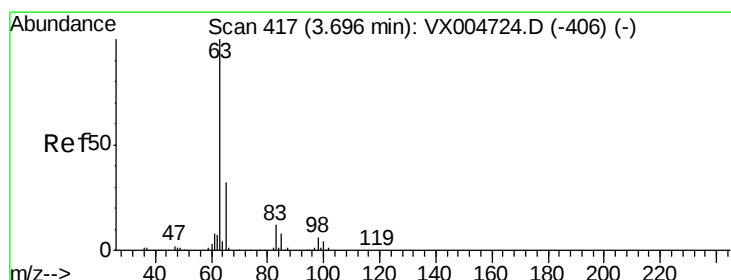
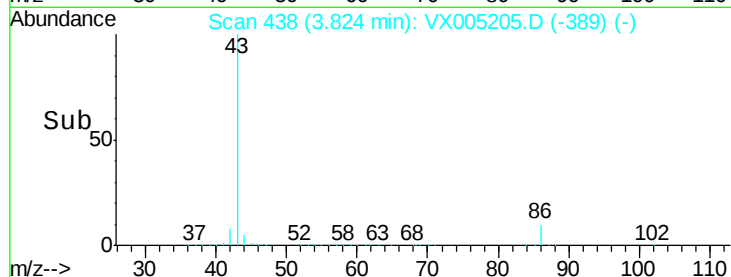
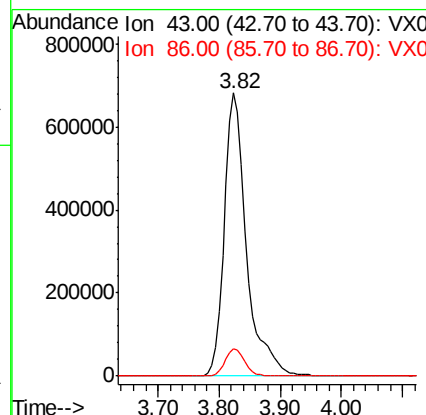
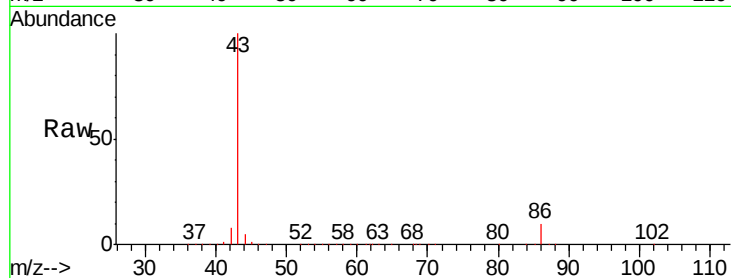




#23
 Vinyl Acetate
 Concen: 184.61 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

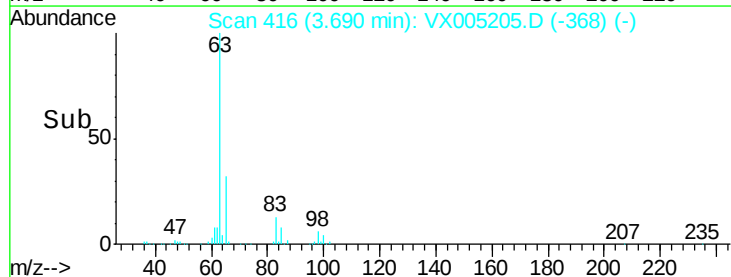
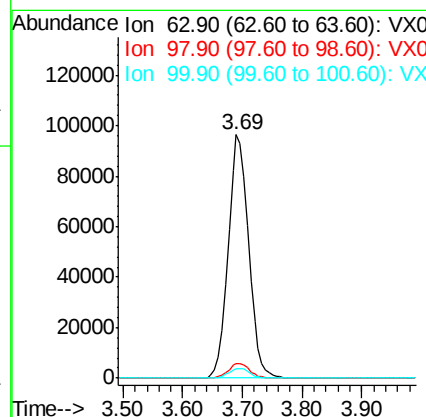
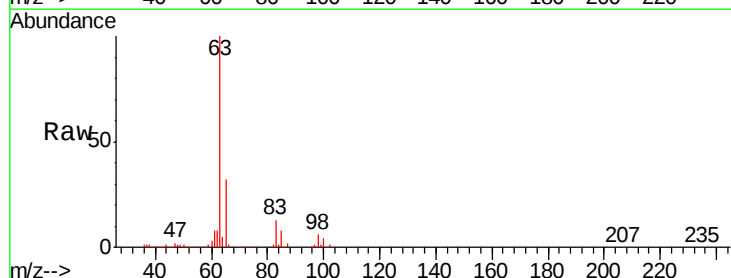
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

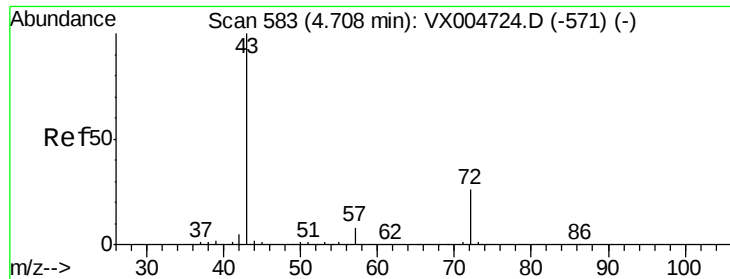
Tgt Ion: 43 Resp: 1722353
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 37.83 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion: 63 Resp: 230005
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 183.13 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

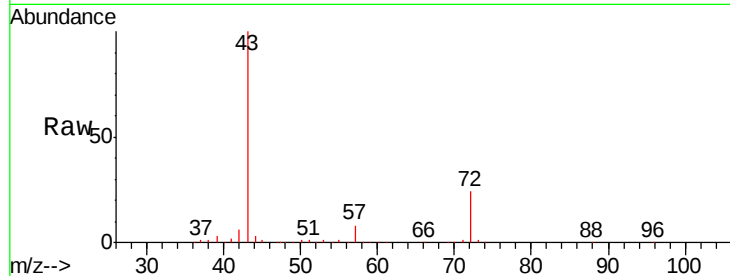
VSTDCCC050EC

Tgt Ion: 43 Resp: 576380

Ion Ratio Lower Upper

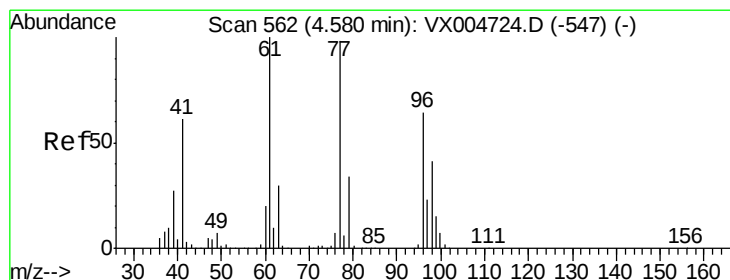
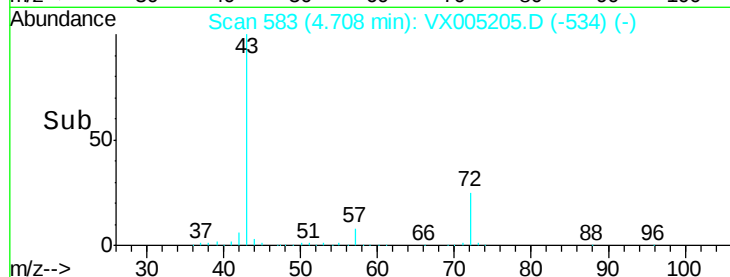
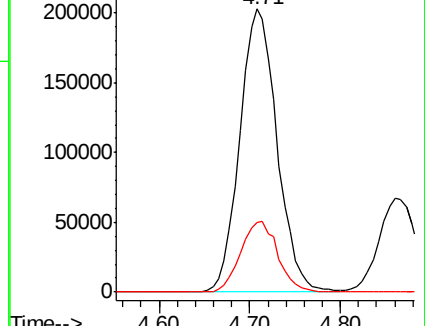
43 100

72 24.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 35.31 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005205.D

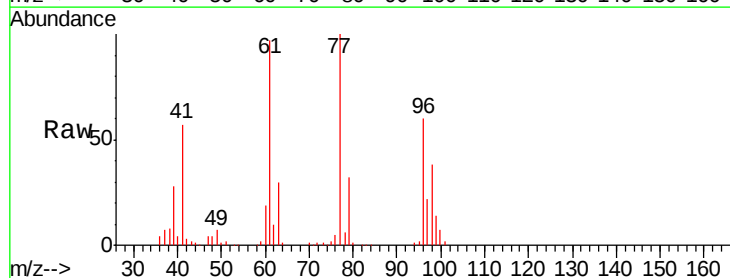
Acq: 10 Oct 2018 12:47

Tgt Ion: 77 Resp: 149507

Ion Ratio Lower Upper

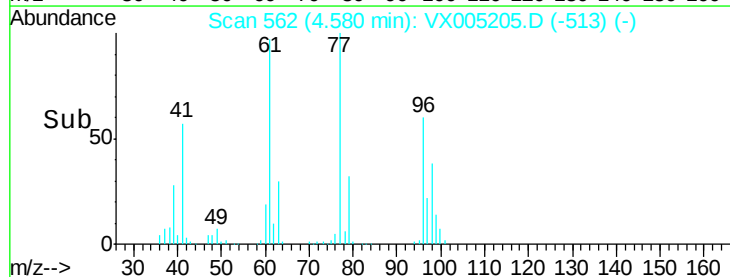
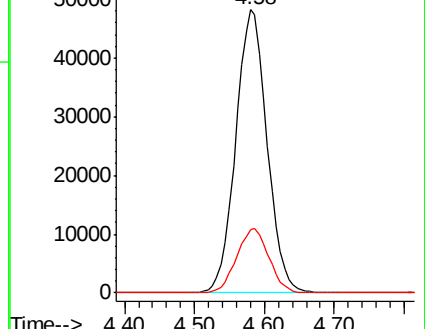
77 100

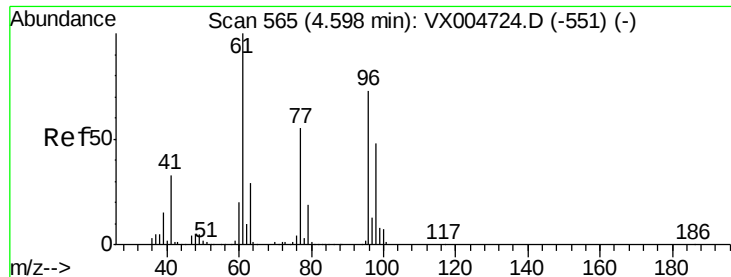
97 23.4 12.6 37.8



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: 35.58 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

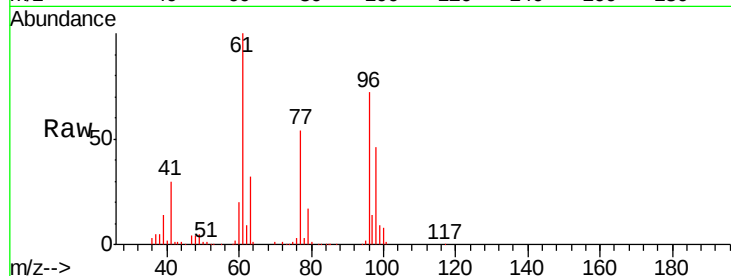
Tgt Ion: 96 Resp: 120703

Ion Ratio Lower Upper

96 100

61 148.7 0.0 285.8

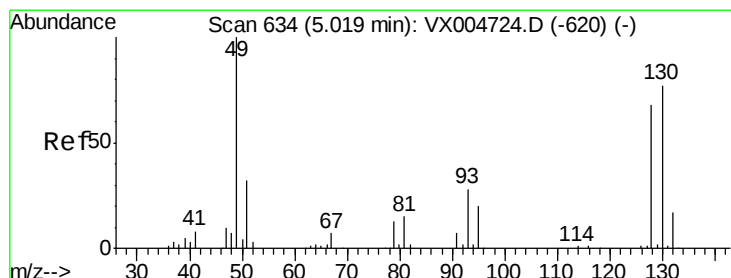
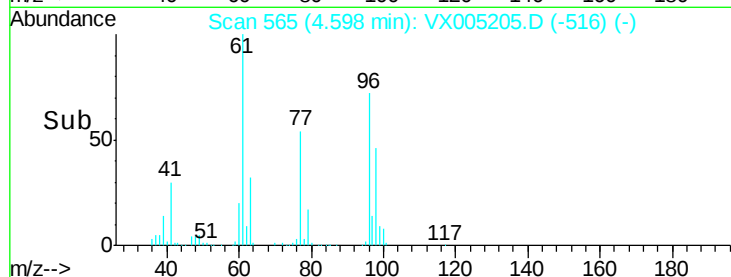
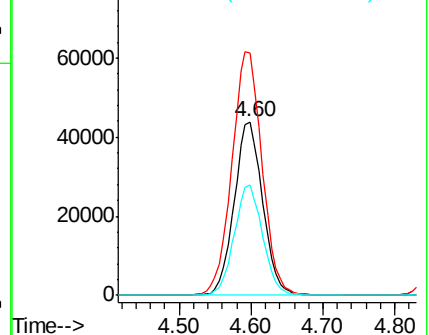
98 63.6 0.0 136.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 32.50 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

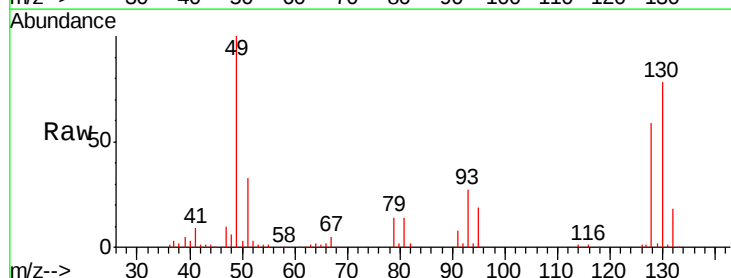
Tgt Ion: 49 Resp: 93040

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

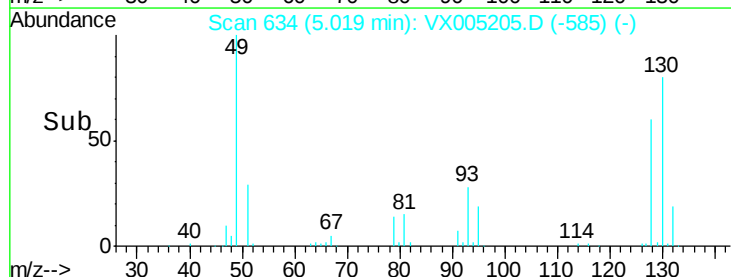
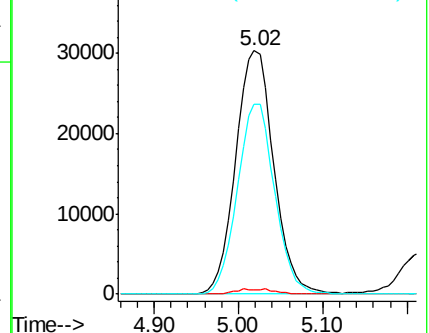
130 76.4 62.0 93.0

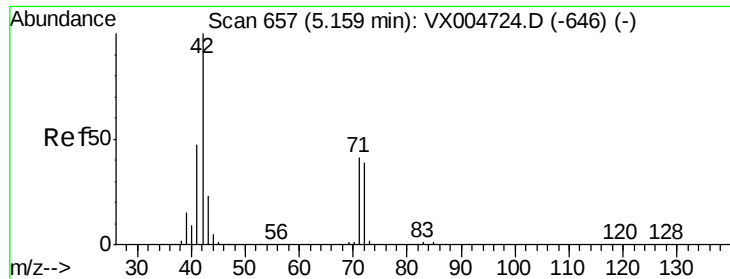


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

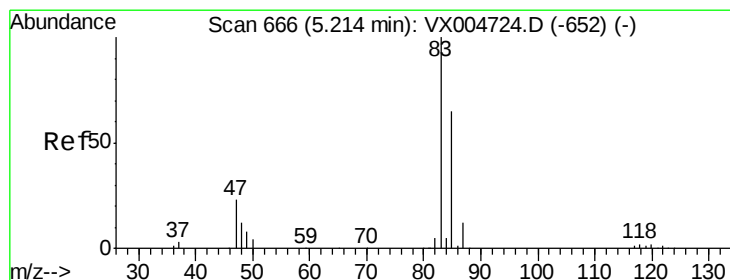
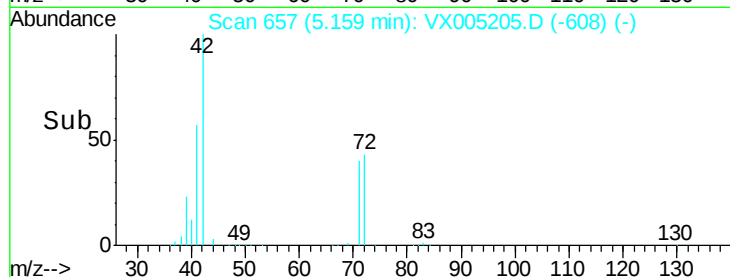
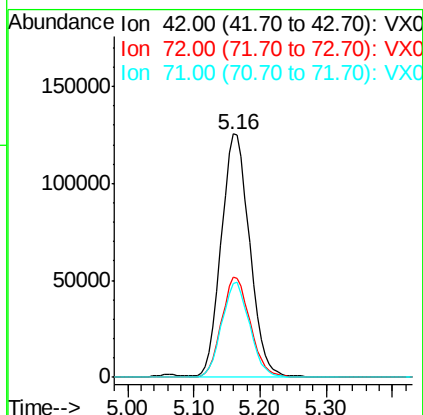
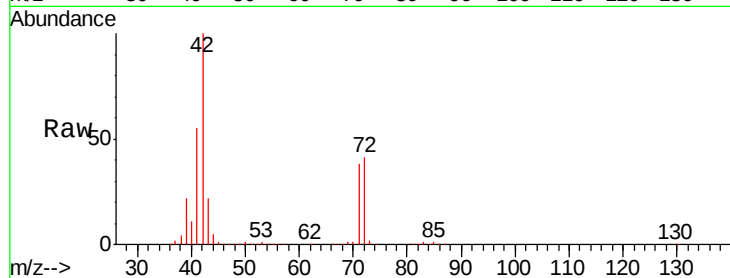




#29
Tetrahydrofuran
Concen: 190.88 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

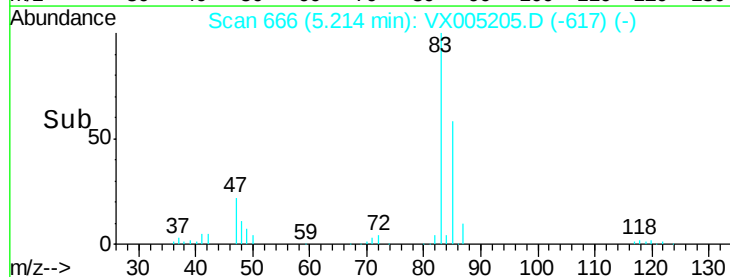
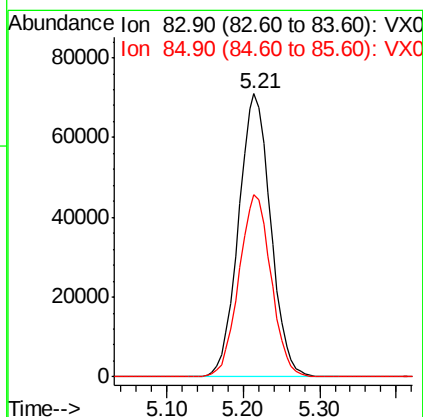
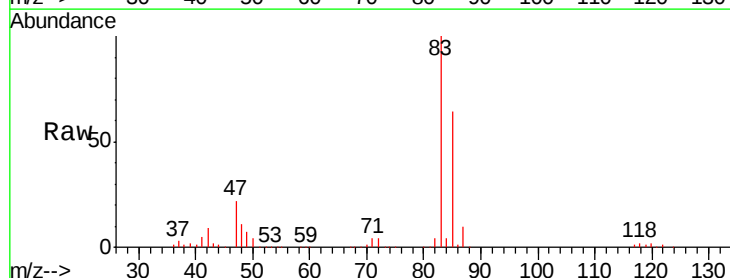
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

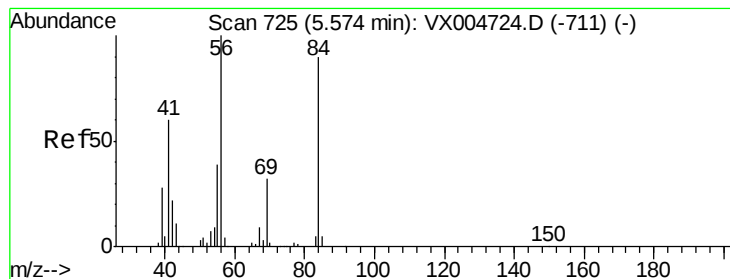
Tgt Ion: 42 Resp: 373394
Ion Ratio Lower Upper
42 100
72 41.4 33.7 50.5
71 38.4 32.2 48.4



#30
Chloroform
Concen: 35.94 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion: 83 Resp: 206499
Ion Ratio Lower Upper
83 100
85 64.2 52.4 78.6





#31

Cyclohexane

Concen: 39.74 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

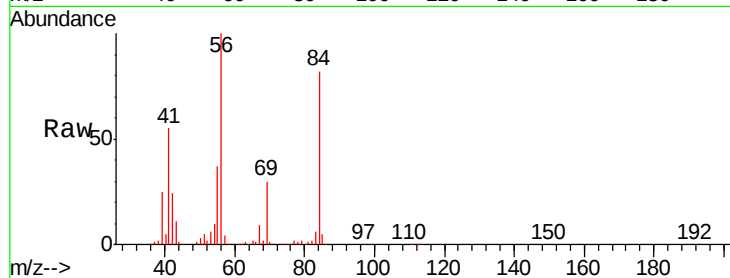
Tgt Ion: 56 Resp: 184946

Ion Ratio Lower Upper

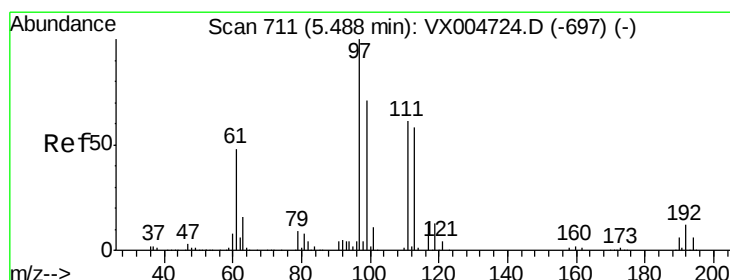
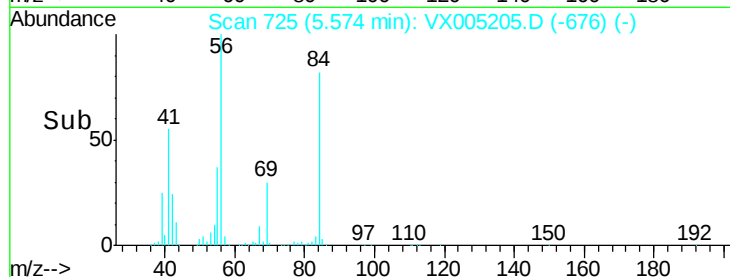
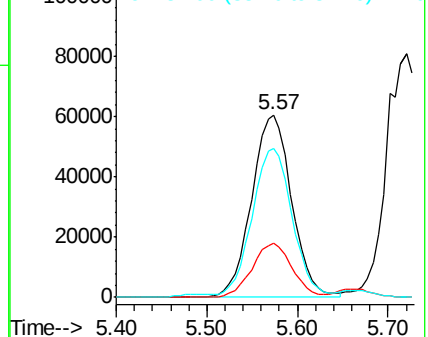
56 100

69 29.7 25.9 38.9

84 80.4 71.9 107.9



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: 37.93 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

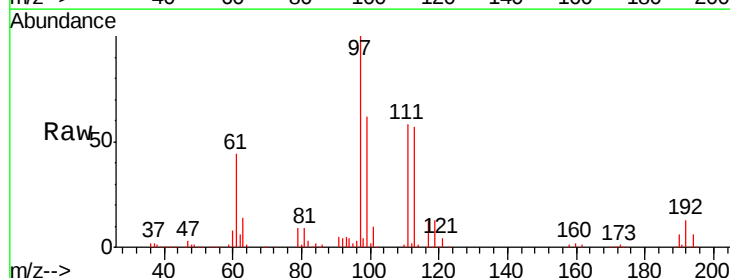
Tgt Ion: 97 Resp: 177982

Ion Ratio Lower Upper

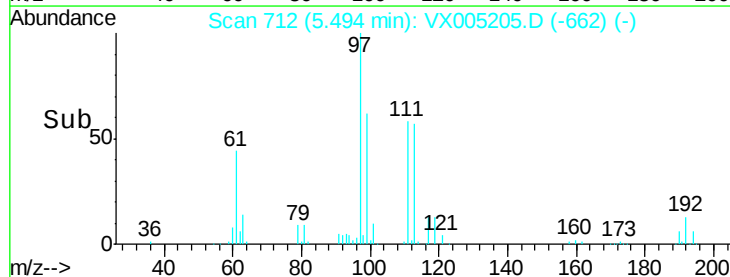
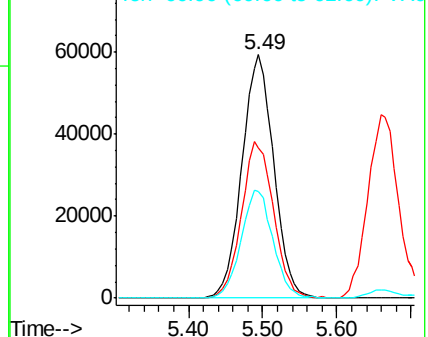
97 100

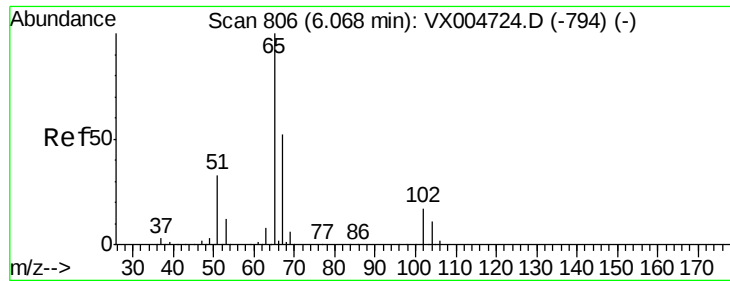
99 64.8 54.6 82.0

61 44.7 37.5 56.3



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: 34.85 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

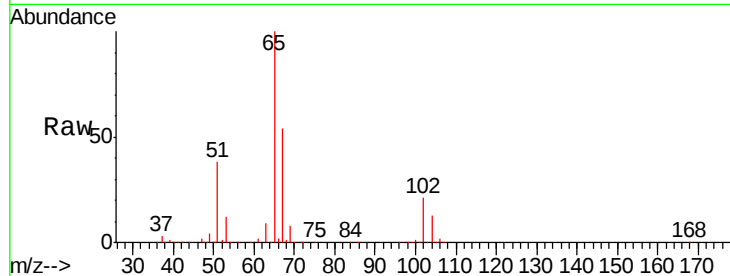
VSTDCCC050EC

Tgt Ion: 65 Resp: 127441

Ion Ratio Lower Upper

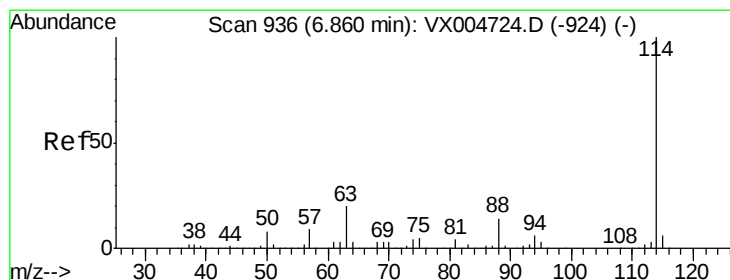
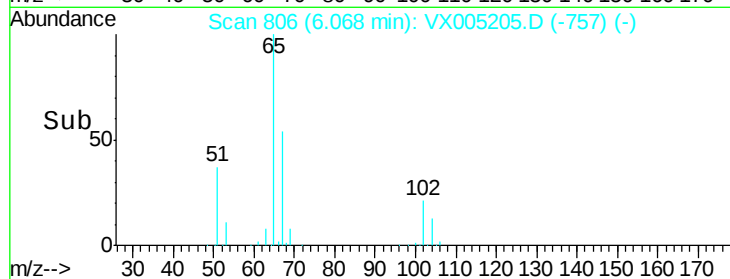
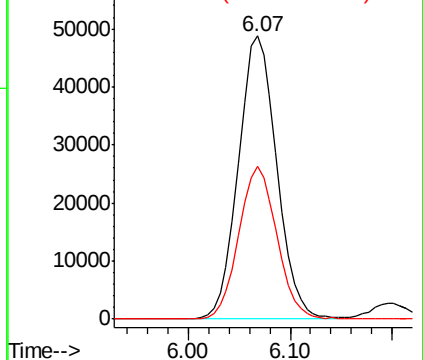
65 100

67 53.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

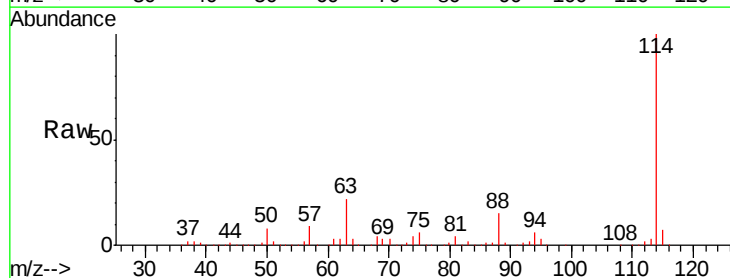
Tgt Ion: 114 Resp: 370304

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.8

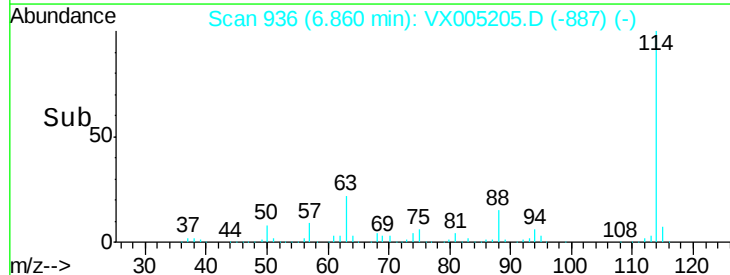
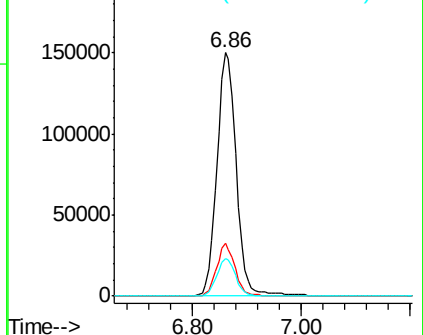
88 15.2 0.0 27.0

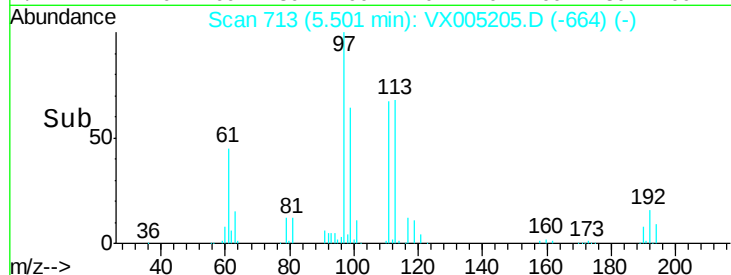
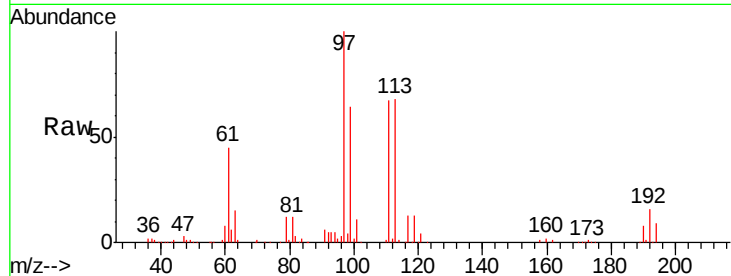
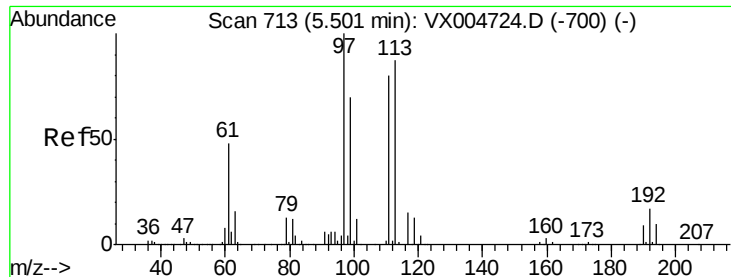


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

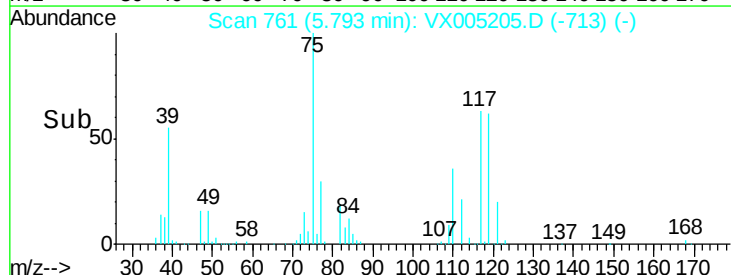
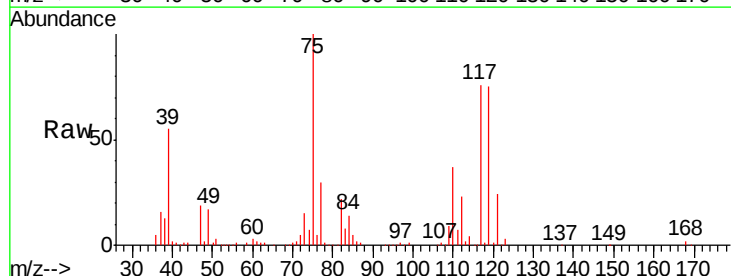
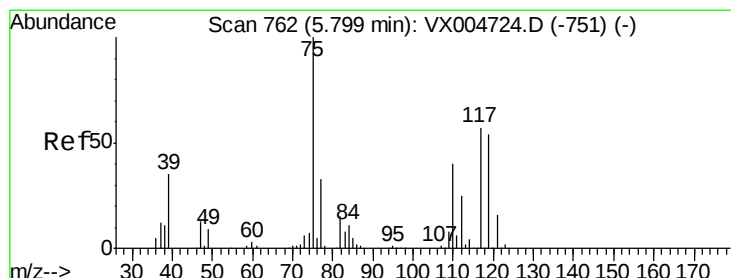
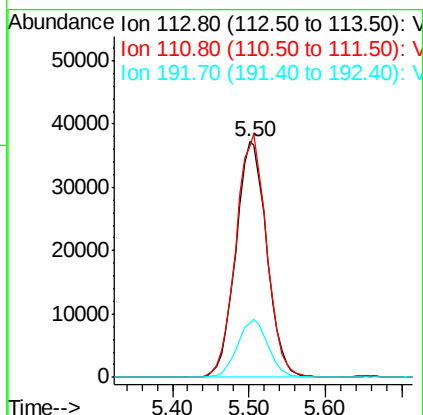




#35
Dibromofluoromethane
Concen: 33.34 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

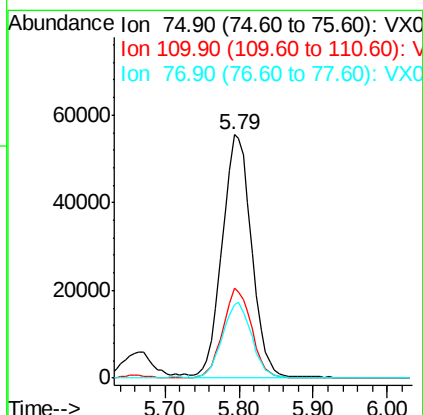
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

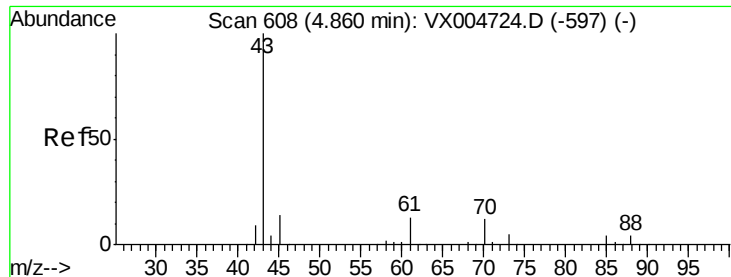
Tgt Ion:113 Resp: 104638
Ion Ratio Lower Upper
113 100
111 102.4 77.0 115.4
192 24.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 35.63 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion: 75 Resp: 152584
Ion Ratio Lower Upper
75 100
110 36.1 20.0 59.9
77 31.3 27.1 40.7





#37

Ethyl Acetate

Concen: 34.87 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

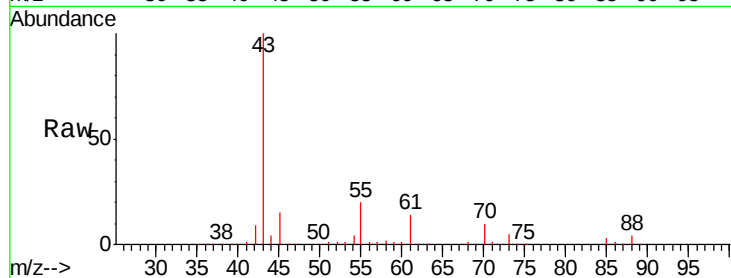
Tgt Ion: 43 Resp: 198205

Ion Ratio Lower Upper

43 100

61 13.9 10.4 15.6

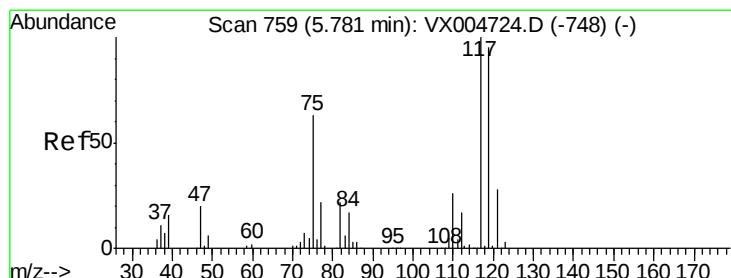
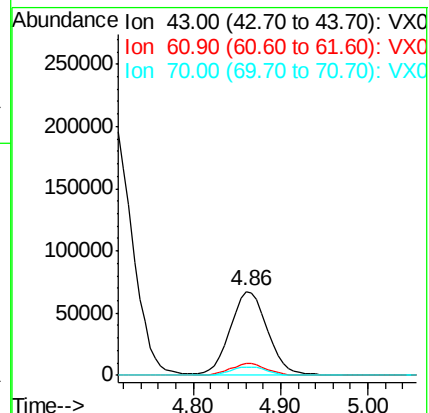
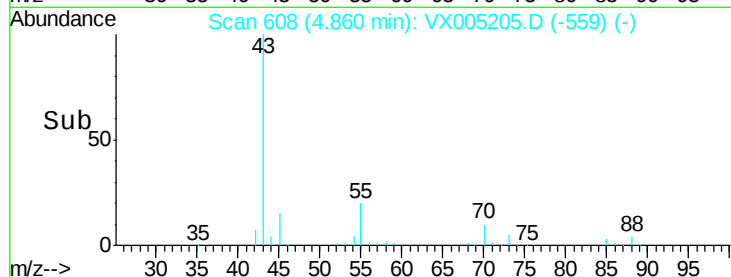
70 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 35.43 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

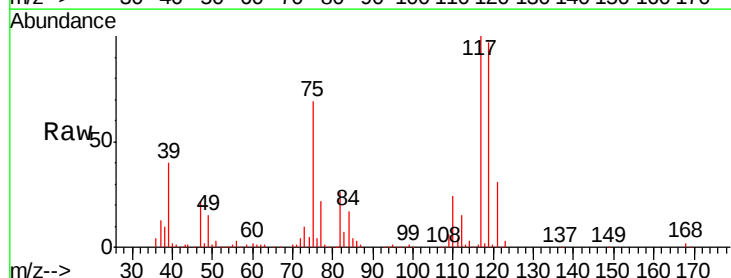
Tgt Ion: 117 Resp: 159465

Ion Ratio Lower Upper

117 100

119 96.6 75.2 112.8

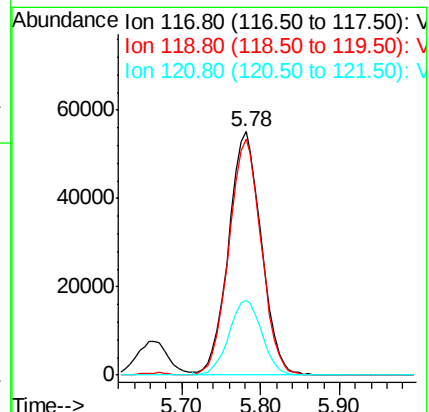
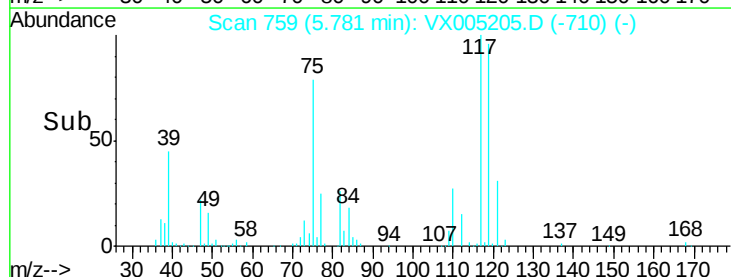
121 30.8 22.5 33.7

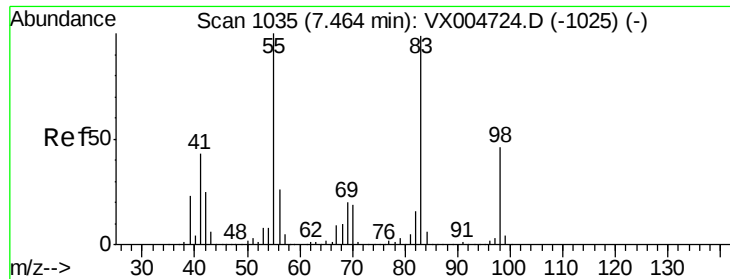


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

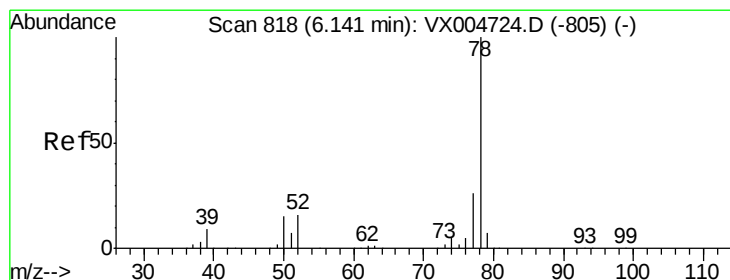
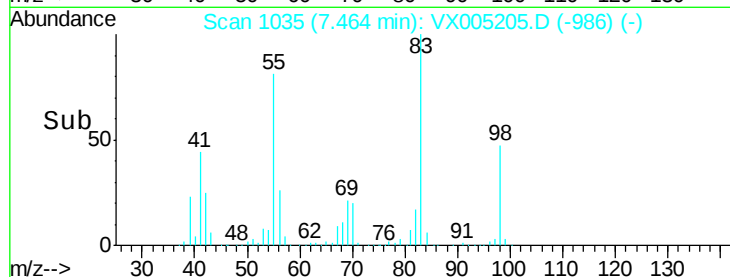
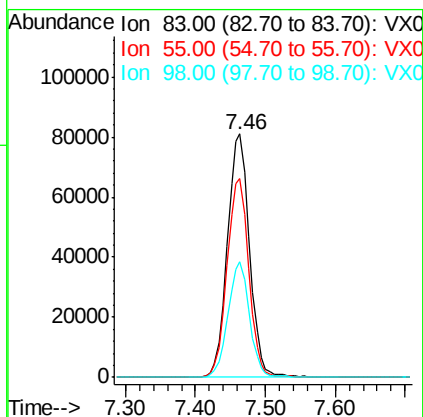
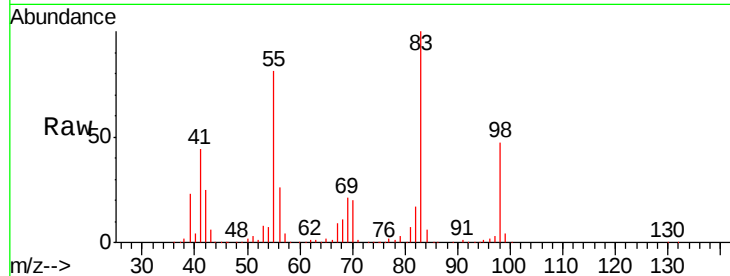




#39
Methylcyclohexane
Concen: 40.62 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

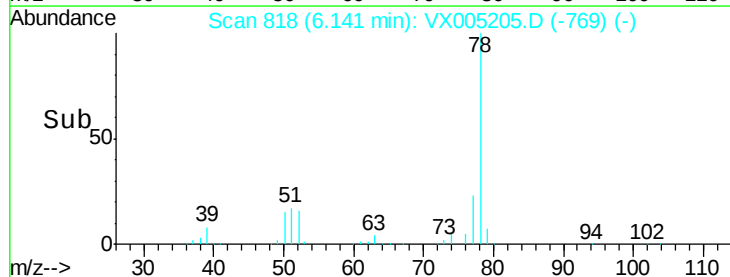
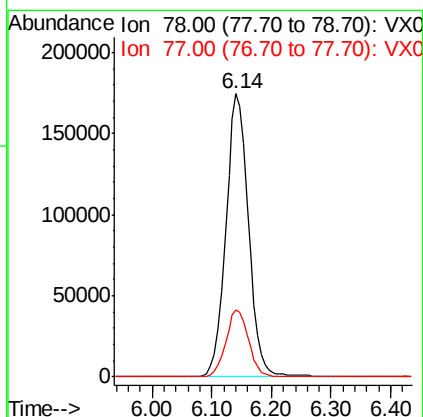
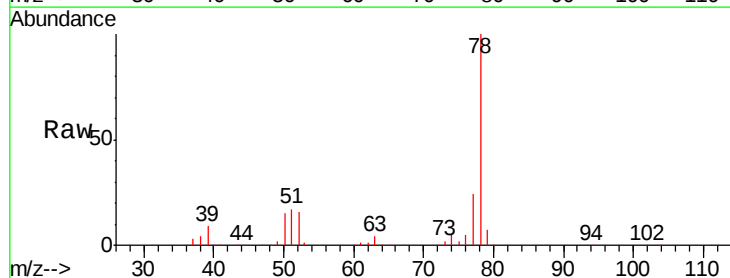
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

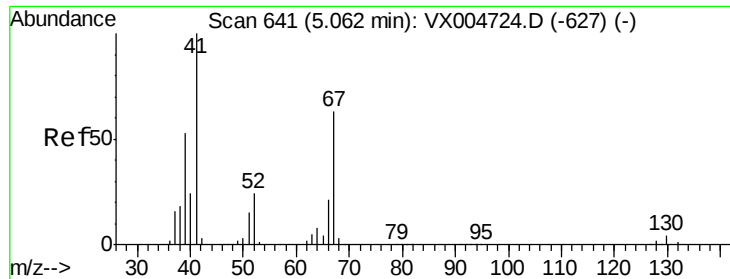
Tgt Ion: 83 Resp: 177583
Ion Ratio Lower Upper
83 100
55 81.4 81.1 121.7
98 47.2 37.3 55.9



#40
Benzene
Concen: 34.35 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion: 78 Resp: 460504
Ion Ratio Lower Upper
78 100
77 23.5 21.0 31.4

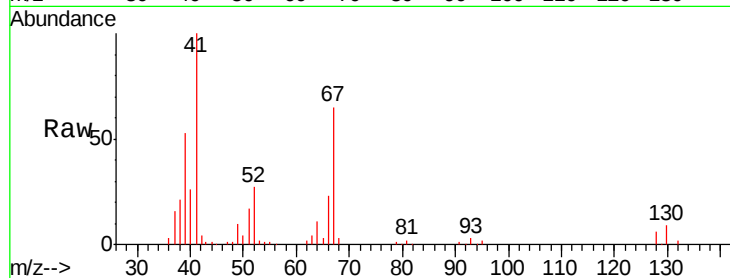




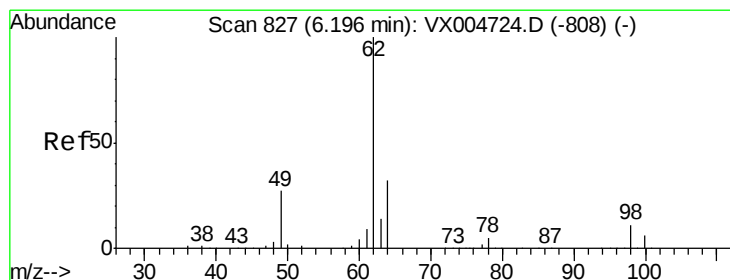
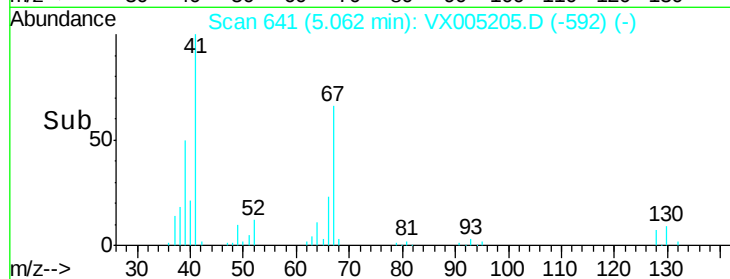
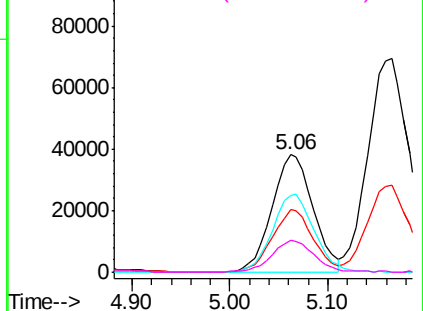
#41
Methacrylonitrile
Concen: 35.44 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	111718
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.5	63.7
67	67.6	53.0	79.6
52	28.9	19.8	29.8

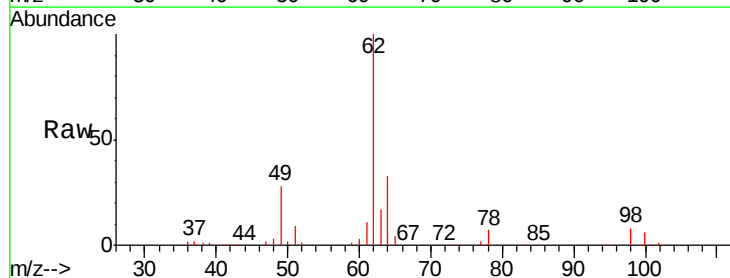


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

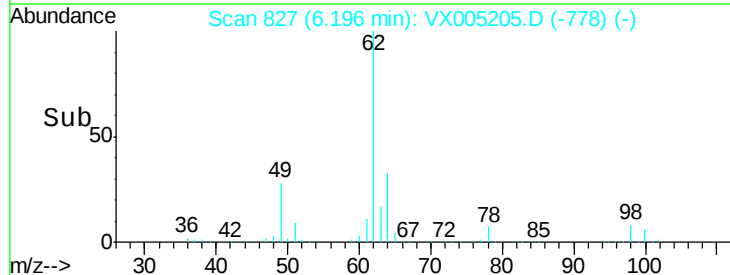
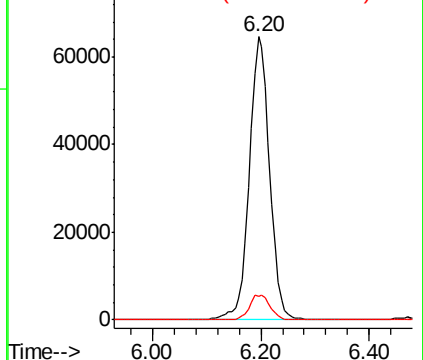


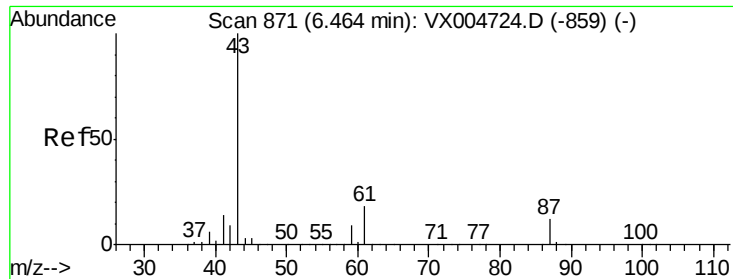
#42
1,2-Dichloroethane
Concen: 35.14 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion:	62	Resp:	166541
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 35.57 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

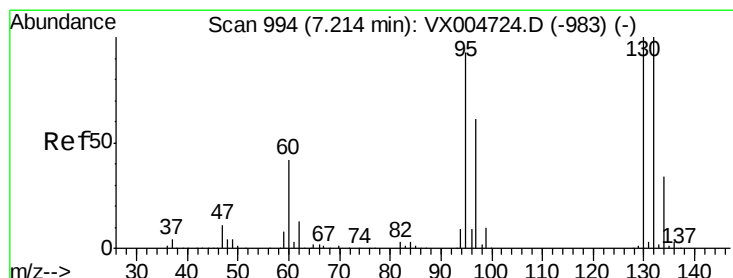
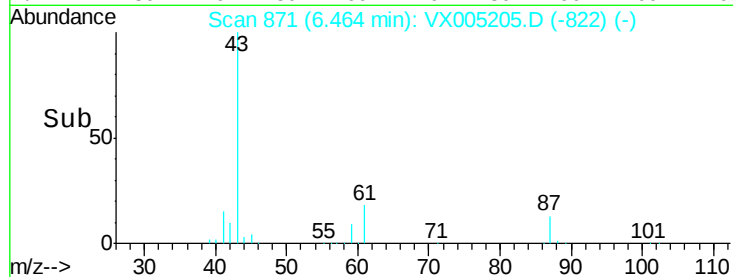
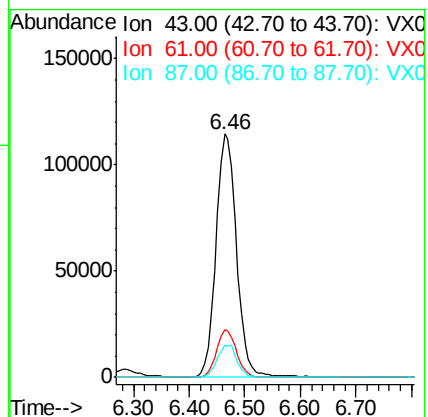
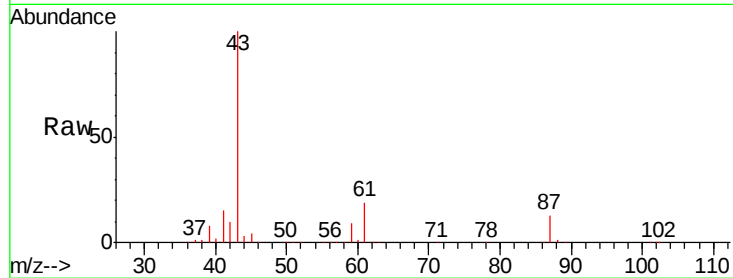
Tgt Ion: 43 Resp: 291788

Ion Ratio Lower Upper

43 100

61 19.4 14.2 21.4

87 13.1 9.3 13.9



#44

Trichloroethene

Concen: 37.60 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005205.D

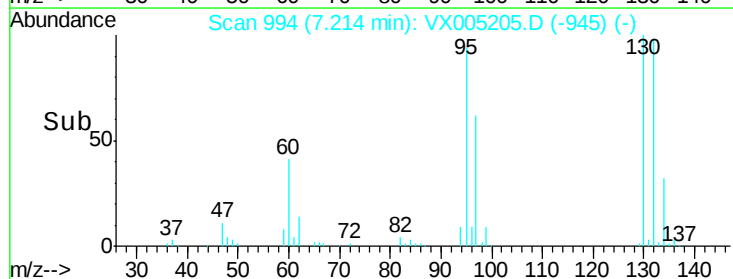
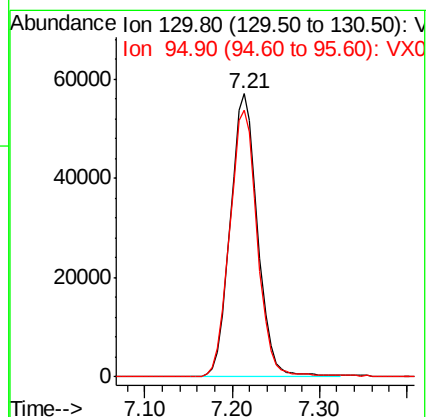
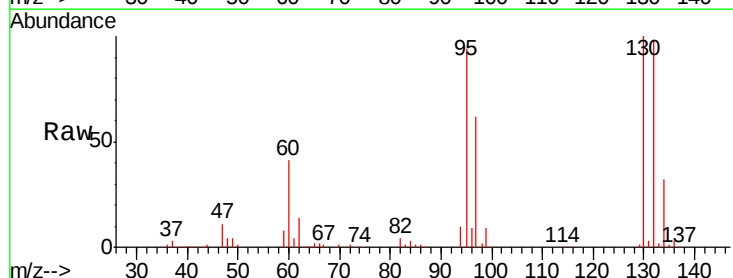
Acq: 10 Oct 2018 12:47

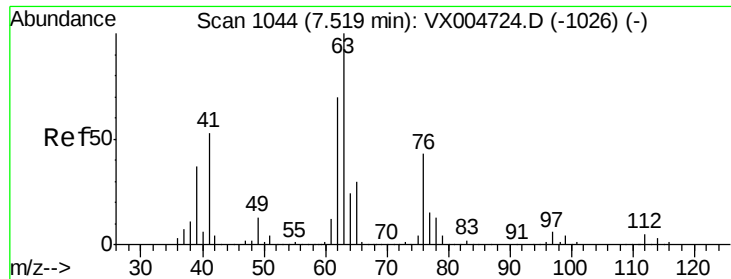
Tgt Ion: 130 Resp: 123918

Ion Ratio Lower Upper

130 100

95 94.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 37.93 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

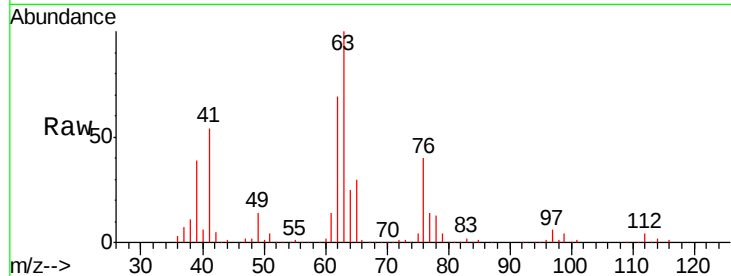
VSTDCCC050EC

Tgt Ion: 63 Resp: 124705

Ion Ratio Lower Upper

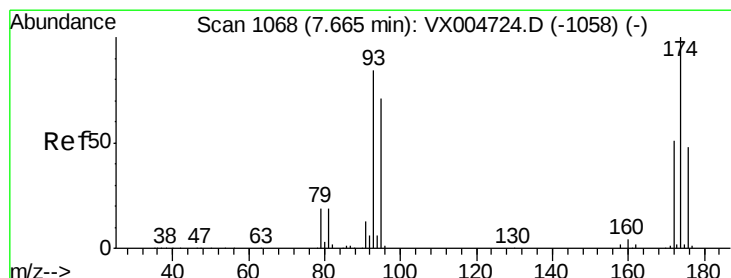
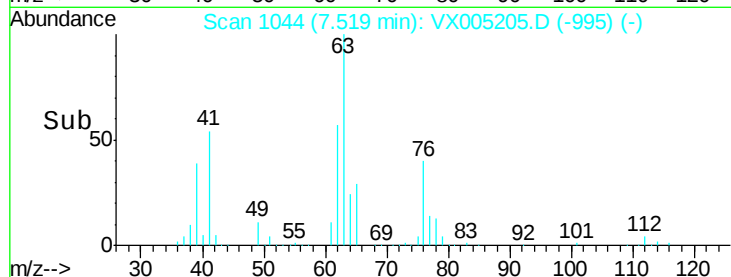
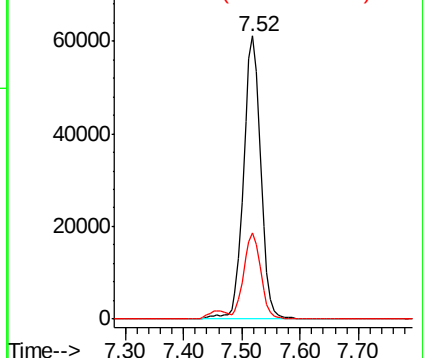
63 100

65 30.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 38.91 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

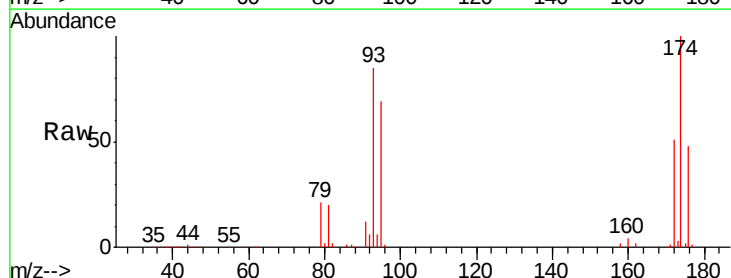
Tgt Ion: 93 Resp: 80387

Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

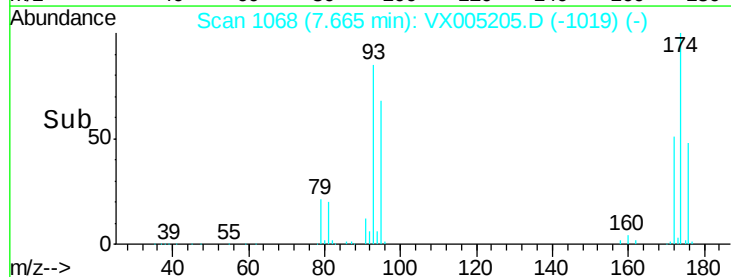
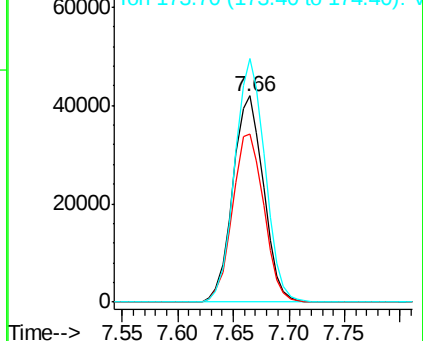
174 116.3 92.7 139.1

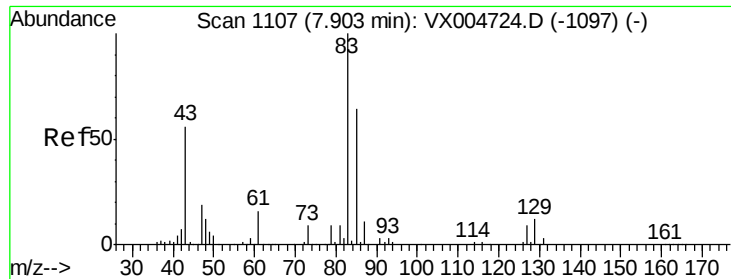


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 39.98 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

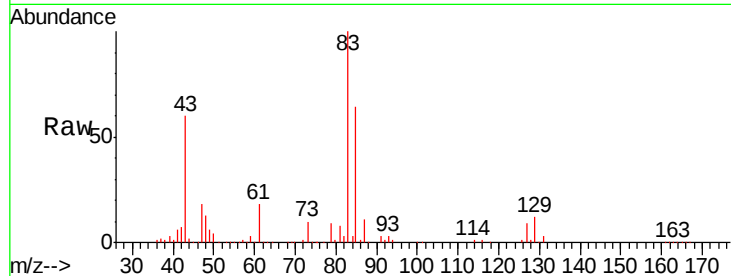
Tgt Ion: 83 Resp: 154641

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

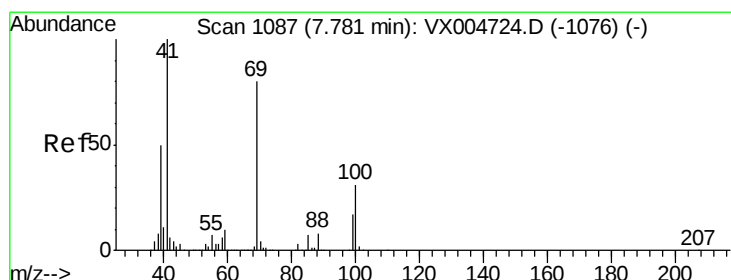
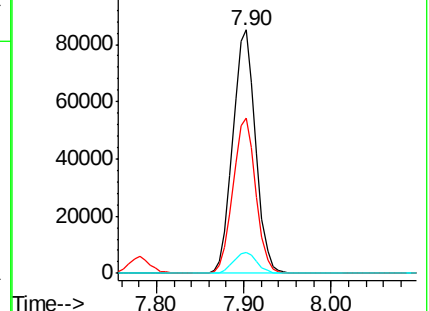
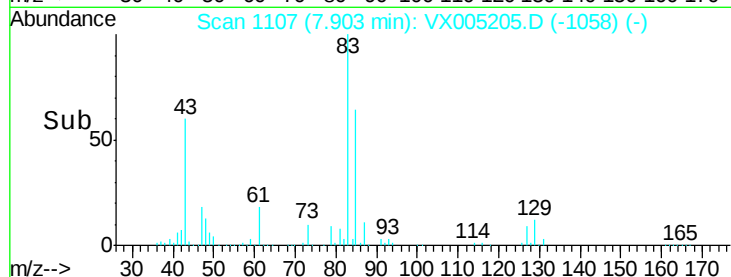
127 8.7 7.0 10.6



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: 42.09 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

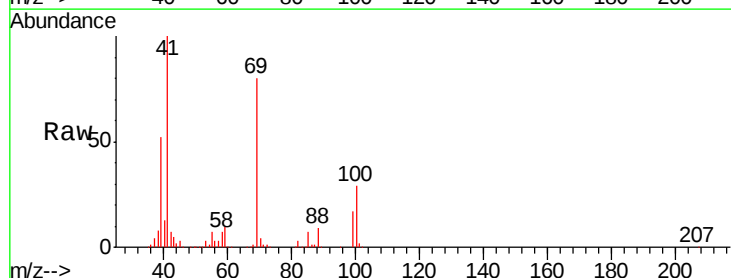
Tgt Ion: 41 Resp: 156729

Ion Ratio Lower Upper

41 100

69 80.4 63.8 95.6

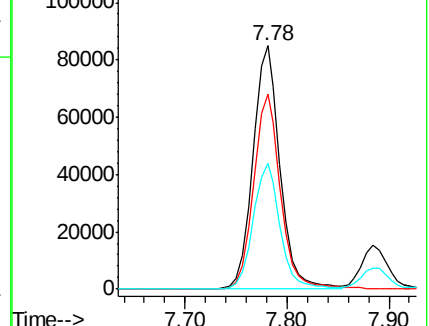
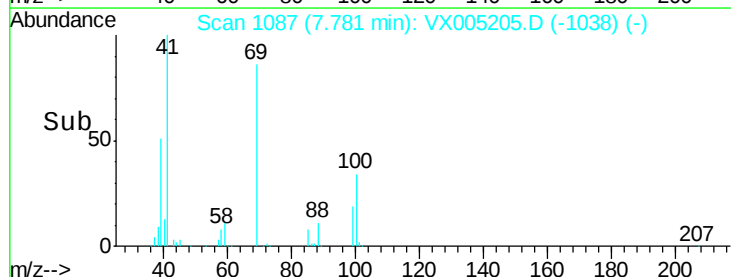
39 51.3 40.7 61.1

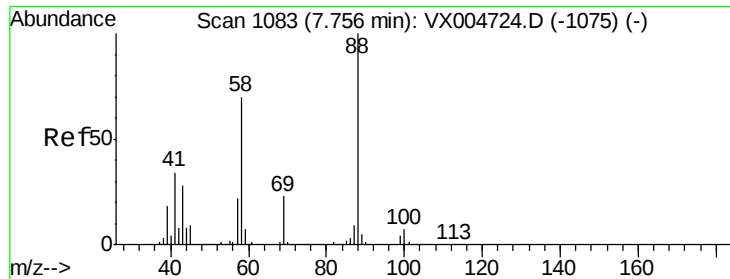


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 802.63 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

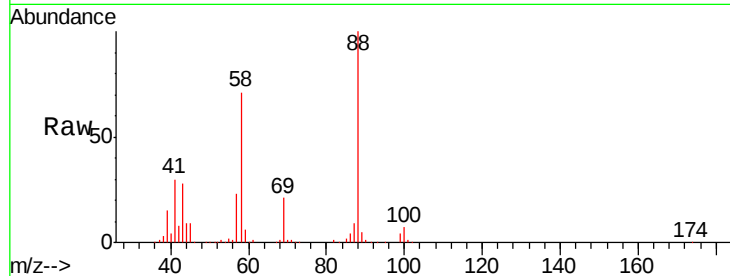
Tgt Ion: 88 Resp: 74249

Ion Ratio Lower Upper

88 100

43 32.5 25.1 37.7

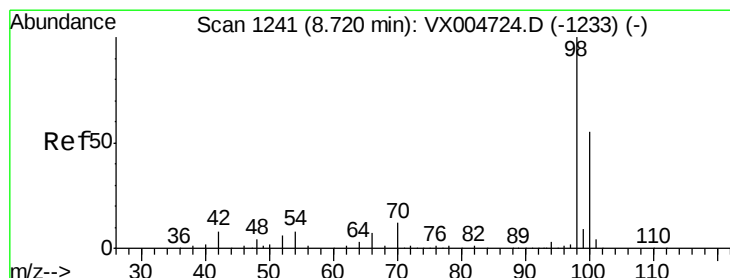
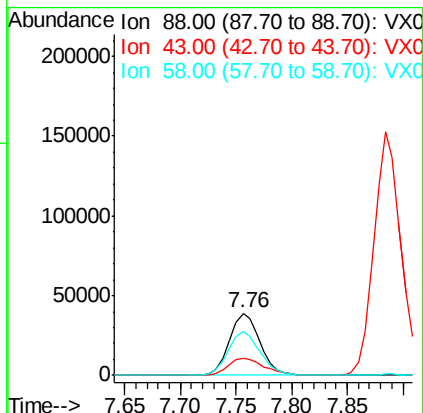
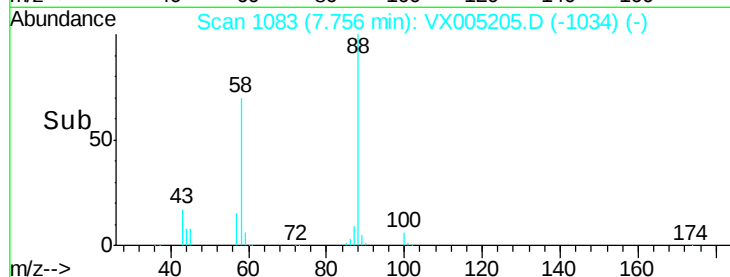
58 73.5 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 36.94 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005205.D

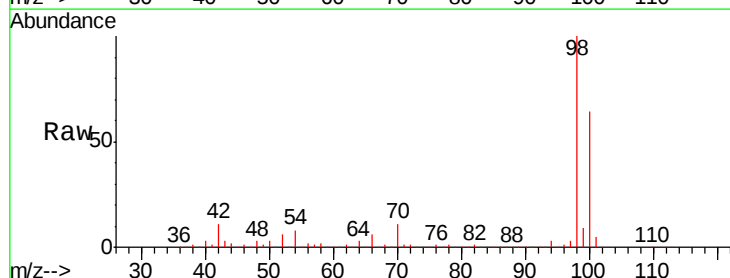
Acq: 10 Oct 2018 12:47

Tgt Ion: 98 Resp: 385368

Ion Ratio Lower Upper

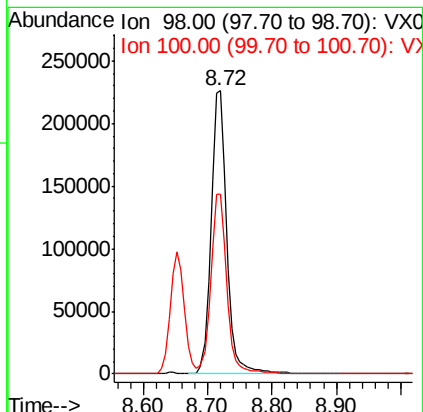
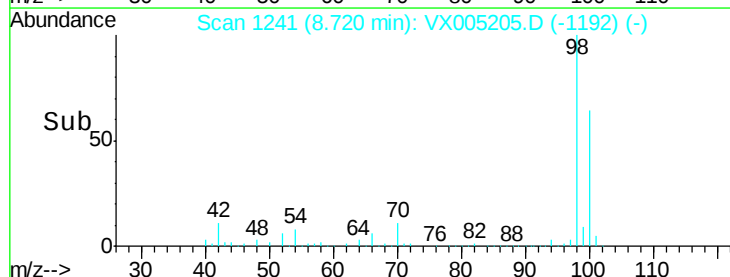
98 100

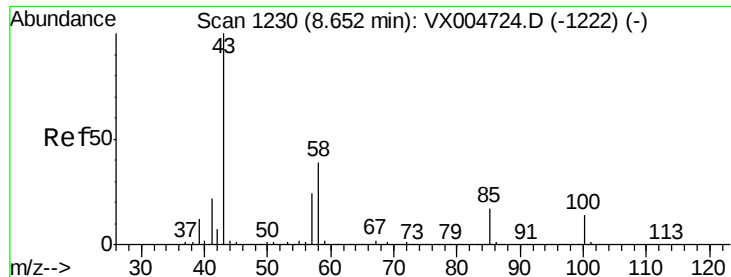
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

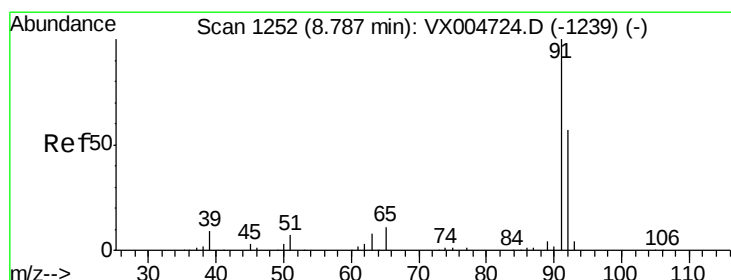
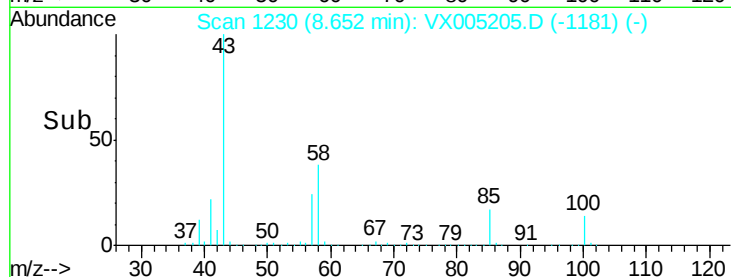
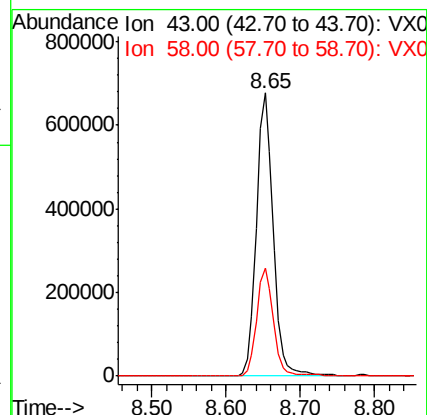
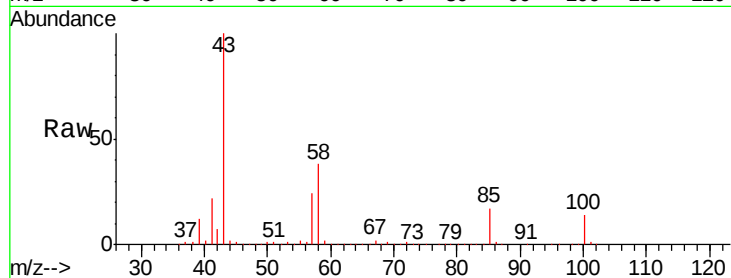




#51
4-Methyl-2-Pentanone
Concen: 208.38 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

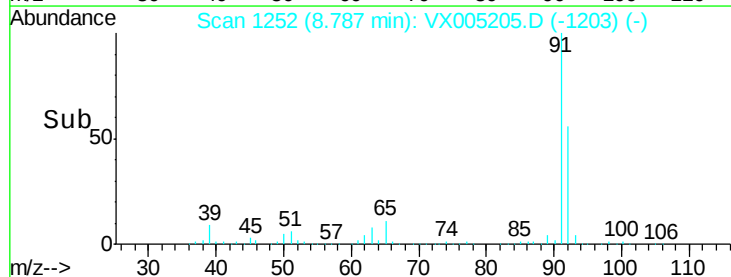
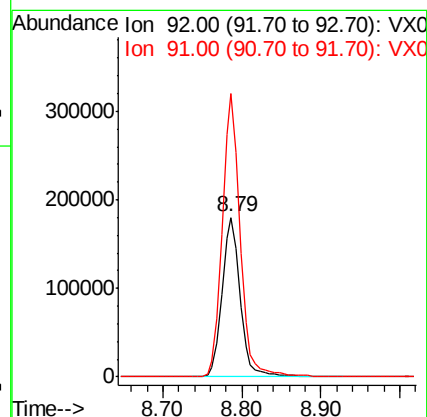
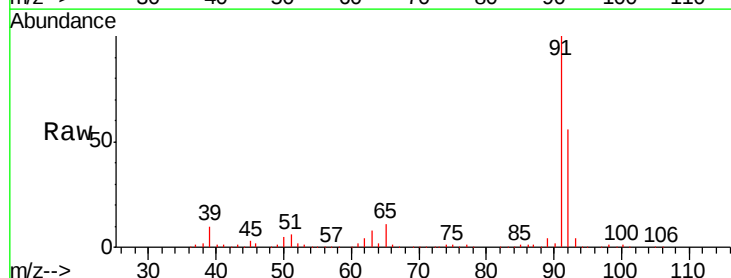
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

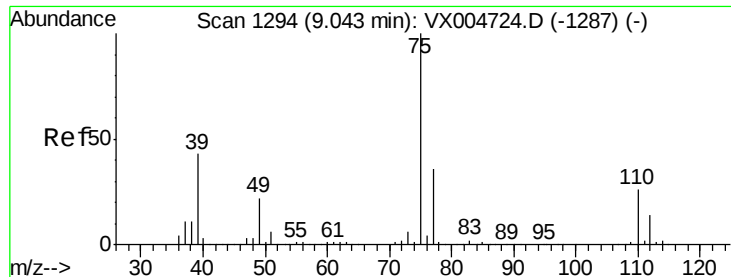
Tgt Ion: 43 Resp: 1076380
Ion Ratio Lower Upper
43 100
58 38.5 30.5 45.7



#52
Toluene
Concen: 39.16 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion: 92 Resp: 288449
Ion Ratio Lower Upper
92 100
91 175.8 136.7 205.1

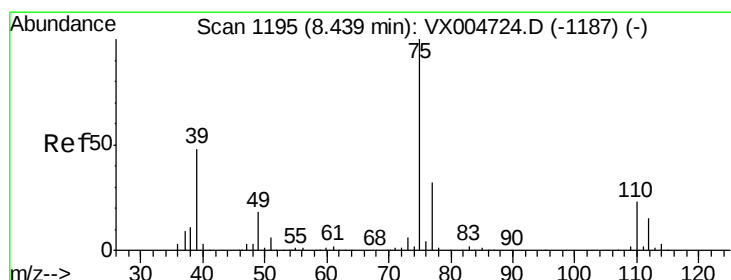
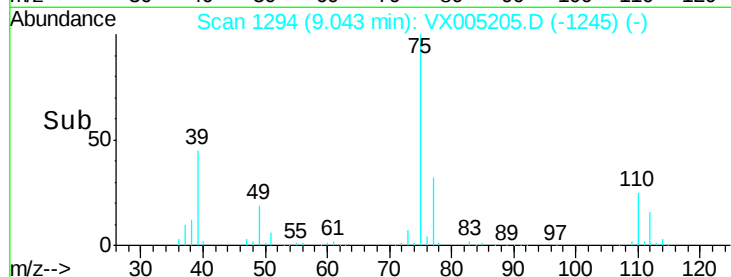
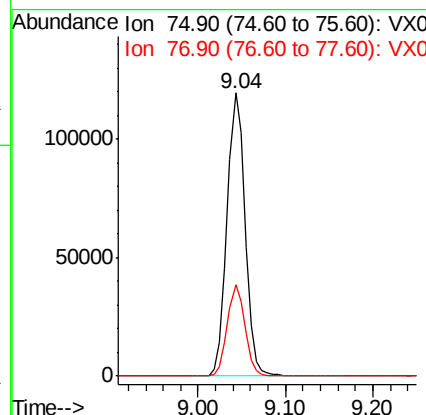
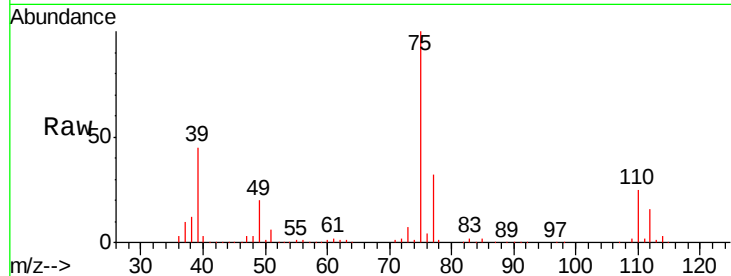




#53
 t-1,3-Dichloropropene
 Concen: 38.91 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

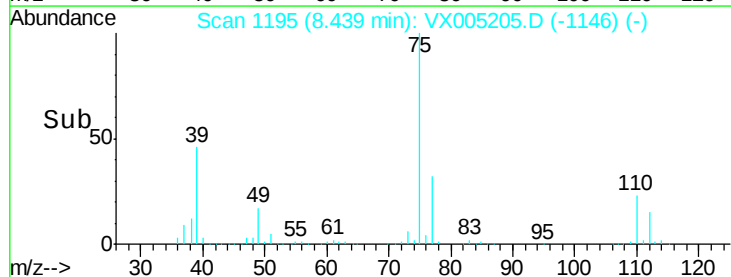
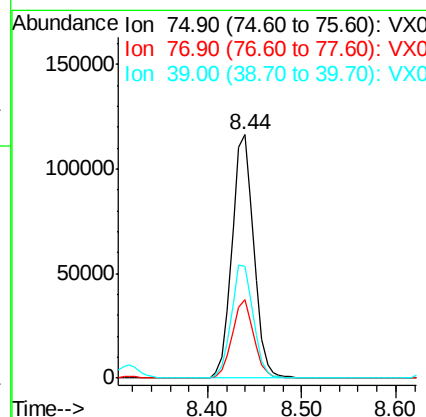
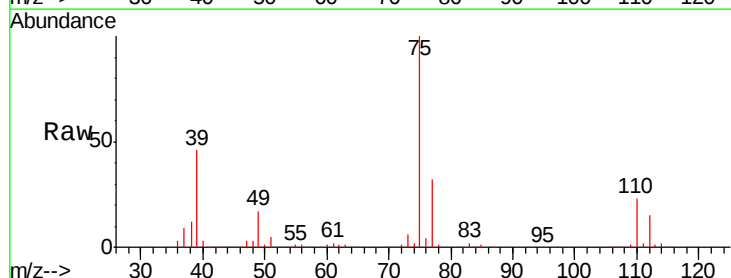
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

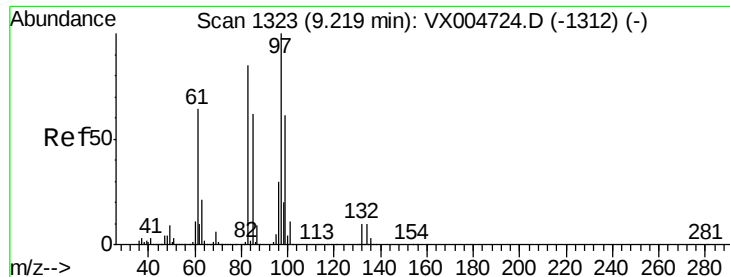
Tgt Ion: 75 Resp: 170059
 Ion Ratio Lower Upper
 75 100
 77 32.1 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 40.80 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion: 75 Resp: 186799
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5
 39 45.6 38.3 57.5

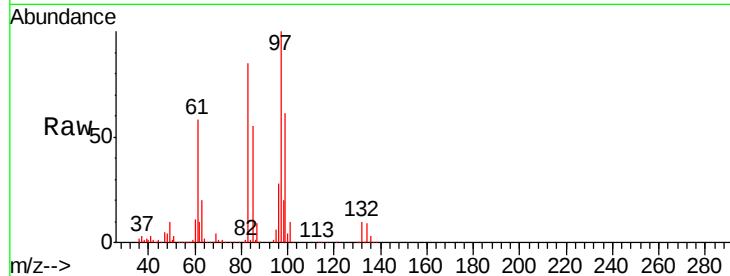




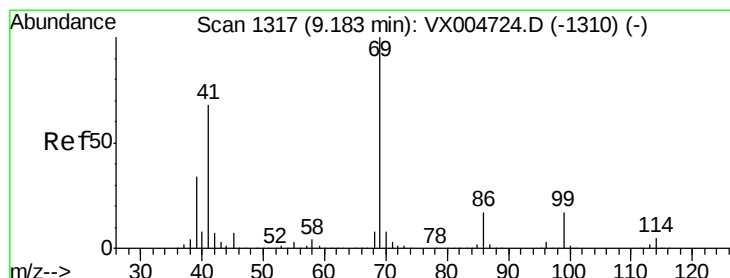
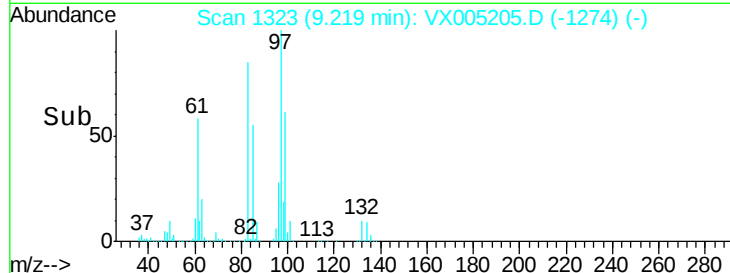
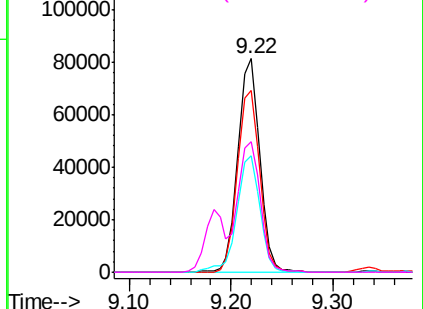
#55
 1,1,2-Trichloroethane
 Concen: 37.28 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	120291
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.2	102.2
85	54.5	49.9	74.9
99	61.3	48.9	73.3

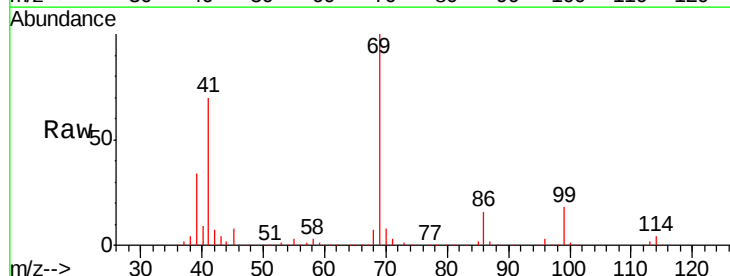


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

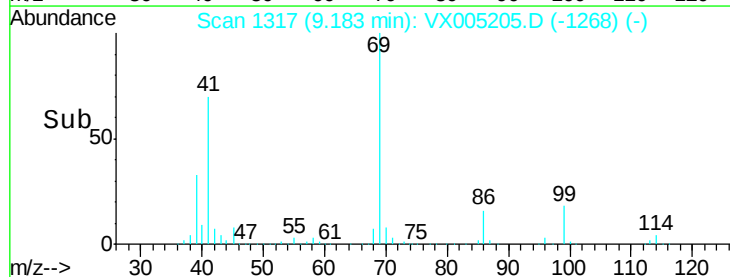
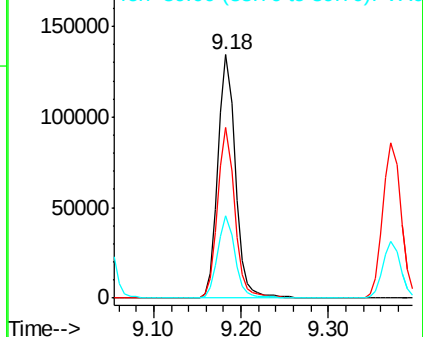


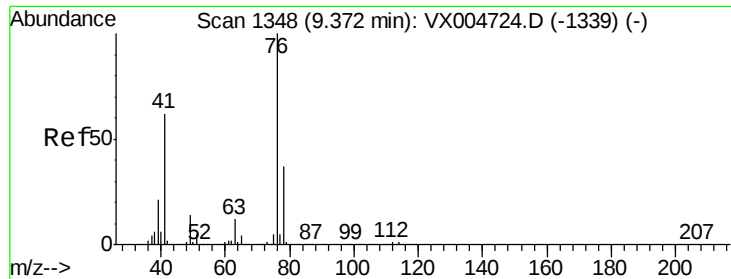
#56
 Ethyl methacrylate
 Concen: 36.40 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion:	69	Resp:	186243
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.9	85.3
39	33.8	28.4	42.6



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

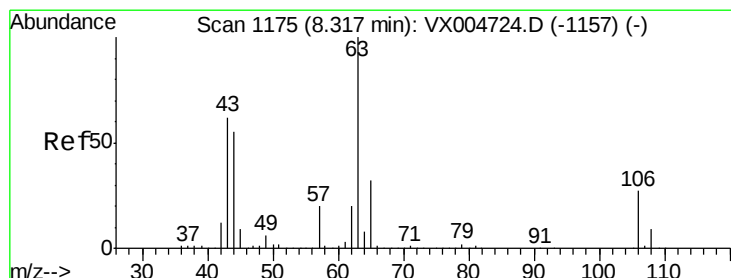
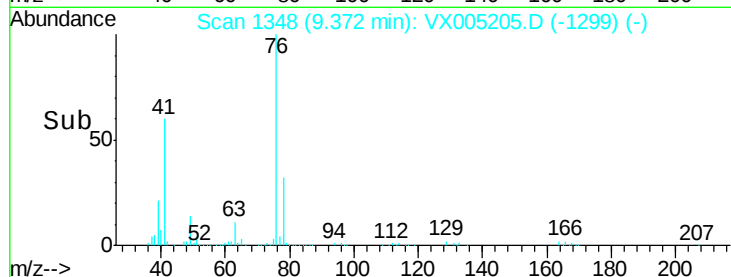
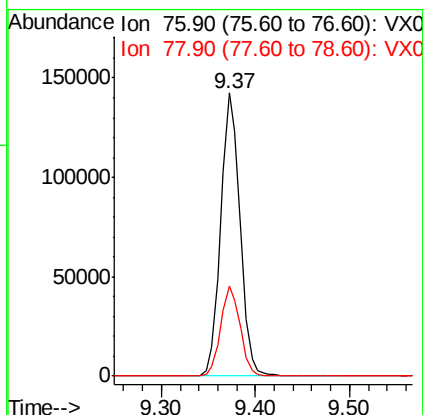
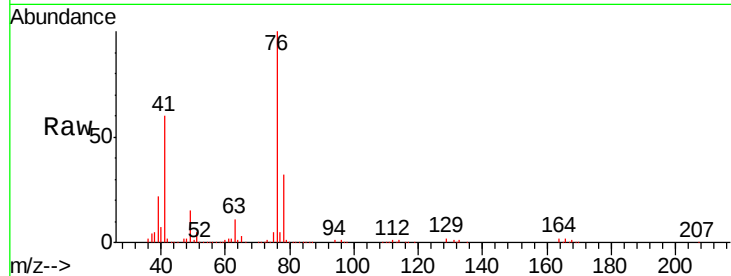




#57
 1,3-Dichloropropane
 Concen: 37.63 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

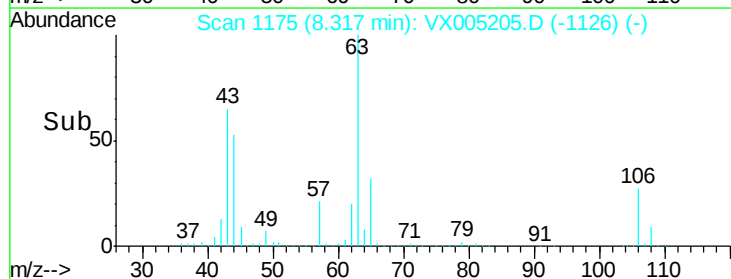
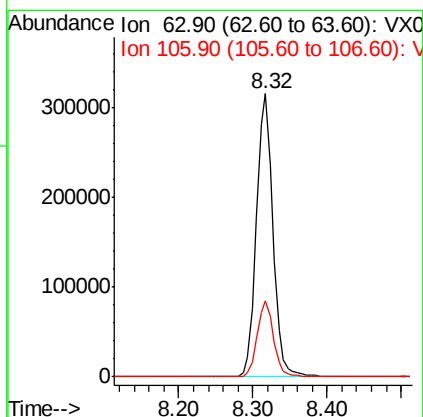
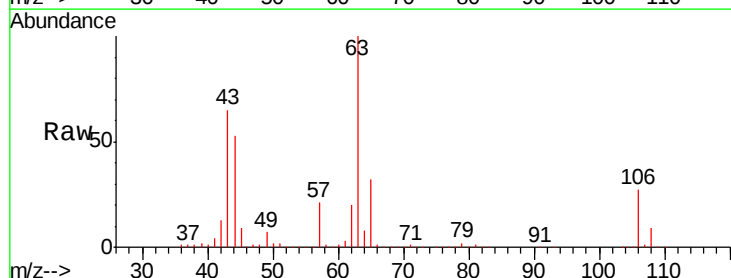
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

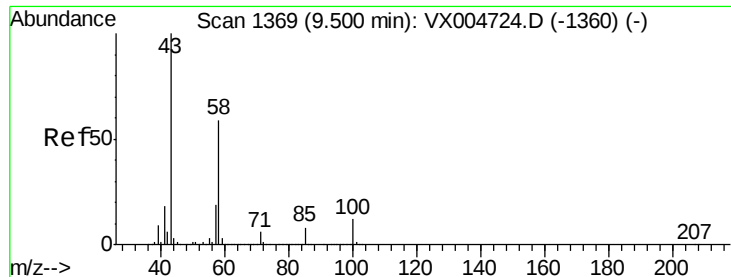
Tgt Ion: 76 Resp: 202063
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 181.76 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion: 63 Resp: 493858
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6

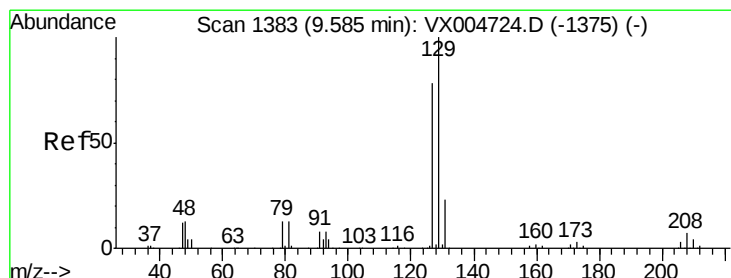
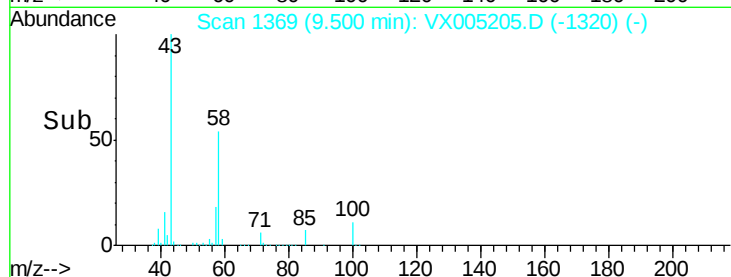
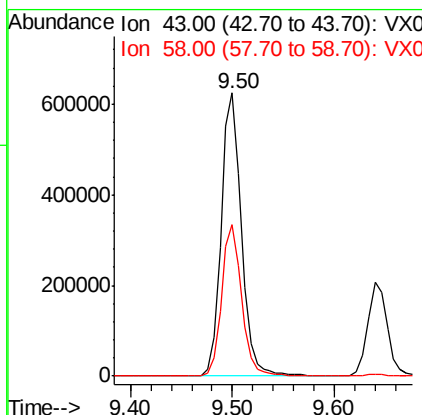
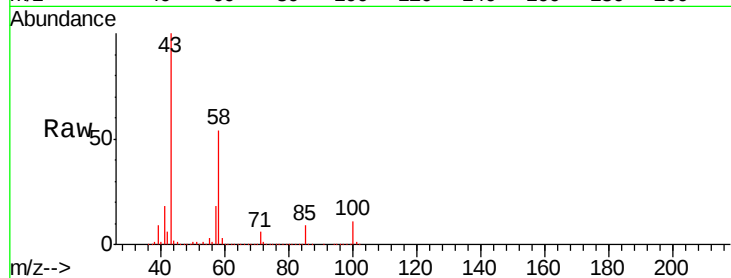




#59
2-Hexanone
Concen: 200.92 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

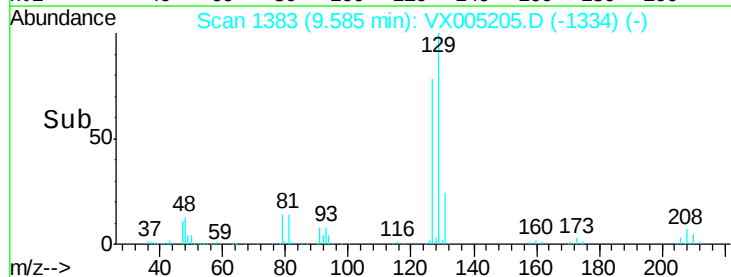
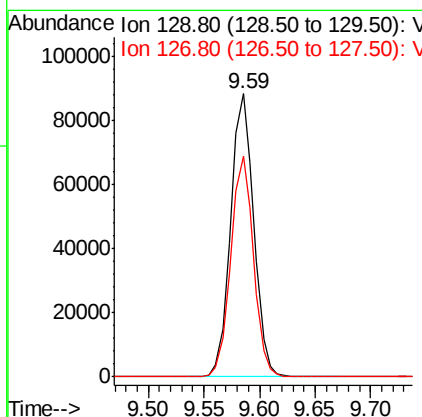
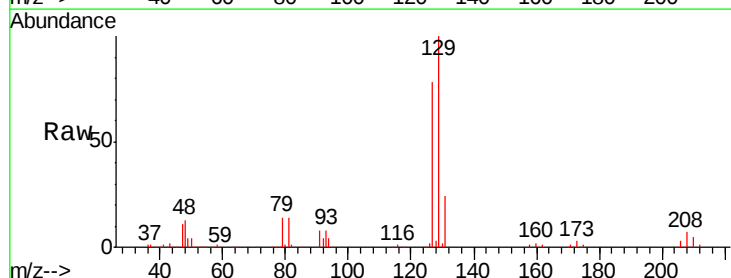
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

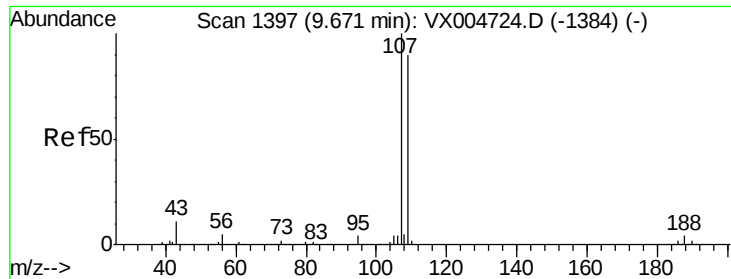
Tgt Ion: 43 Resp: 864837
Ion Ratio Lower Upper
43 100
58 53.1 28.4 85.3



#60
Dibromochloromethane
Concen: 39.22 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion: 129 Resp: 126565
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 36.41 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

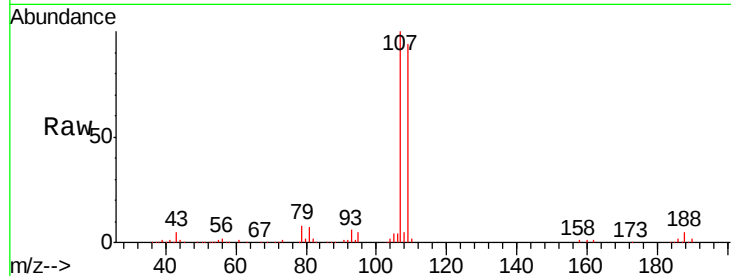
VSTDCCC050EC

Tgt Ion: 107 Resp: 125804

Ion Ratio Lower Upper

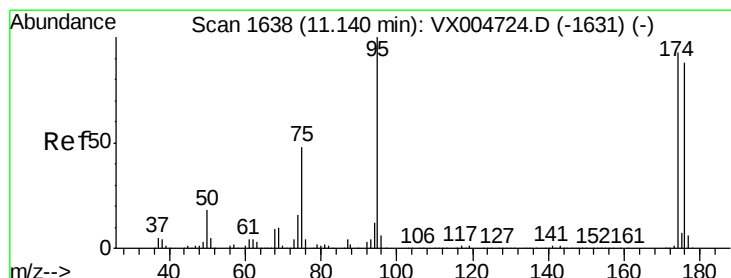
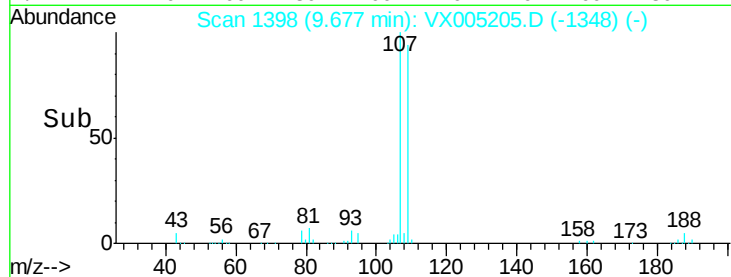
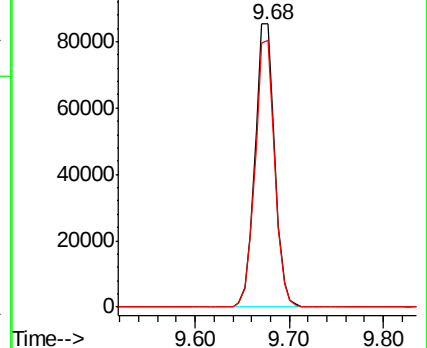
107 100

109 94.2 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 39.56 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

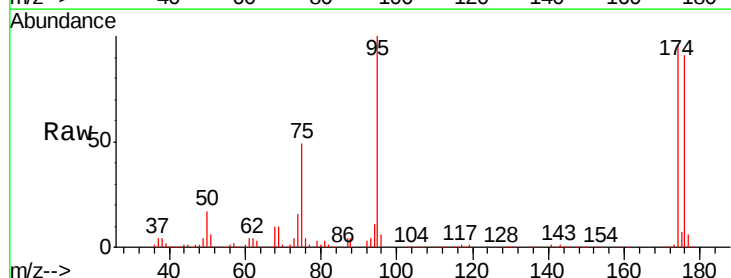
Tgt Ion: 95 Resp: 148680

Ion Ratio Lower Upper

95 100

174 93.1 0.0 185.0

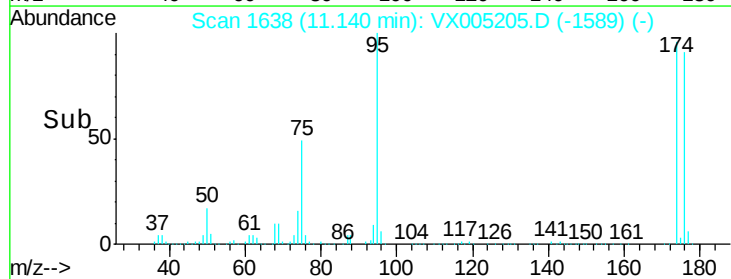
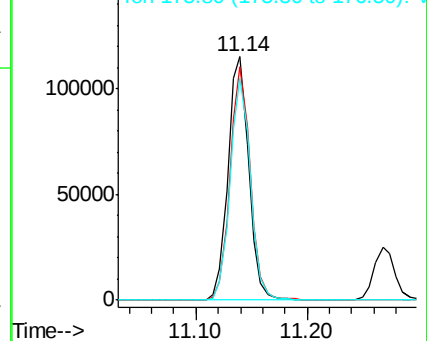
176 89.0 0.0 180.2

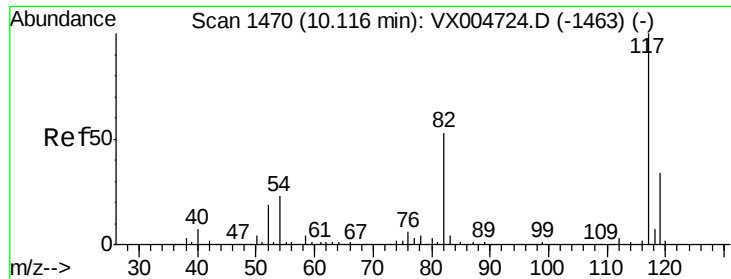


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

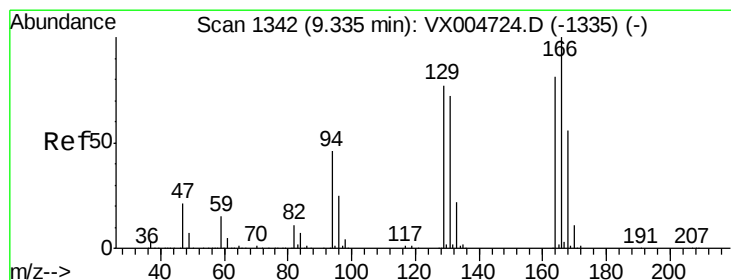
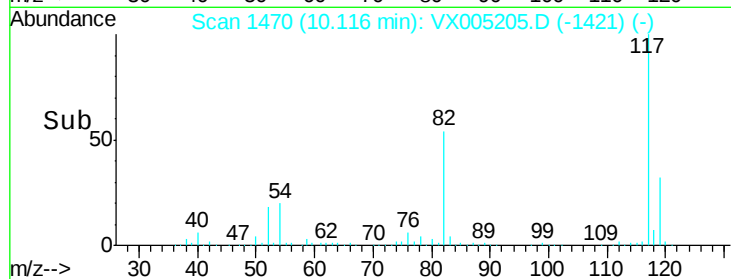
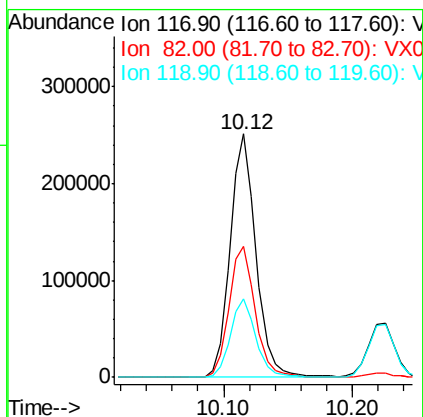
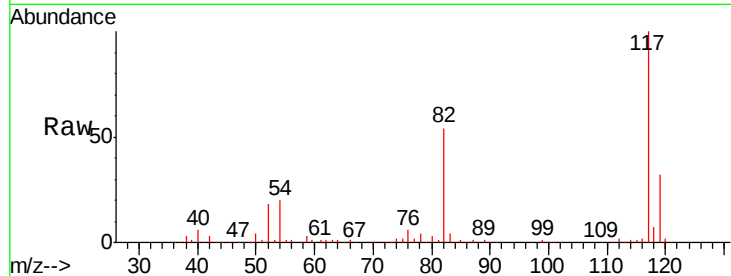




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

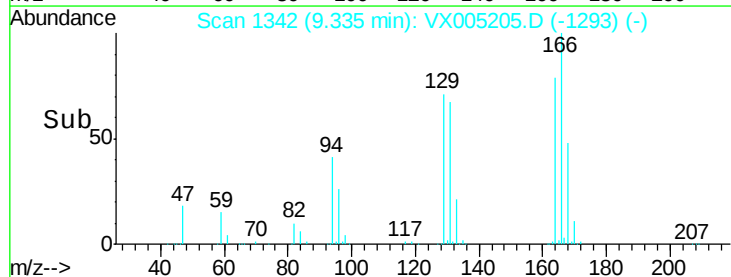
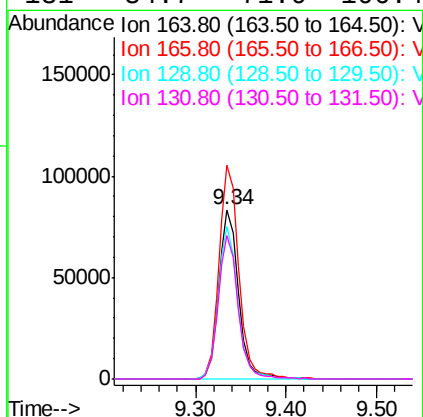
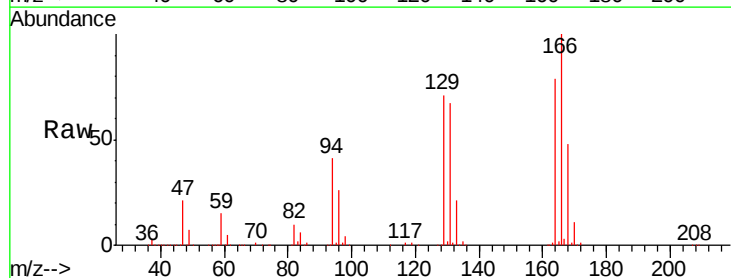
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

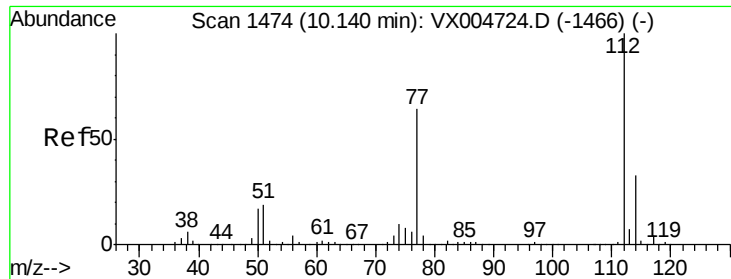
Tgt Ion:117 Resp: 352545
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 32.0 27.4 41.0



#64
Tetrachloroethene
Concen: 36.62 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion:164 Resp: 127072
Ion Ratio Lower Upper
164 100
166 126.0 98.4 147.6
129 89.5 76.1 114.1
131 84.7 71.0 106.4





#65

Chlorobenzene

Concen: 35.89 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

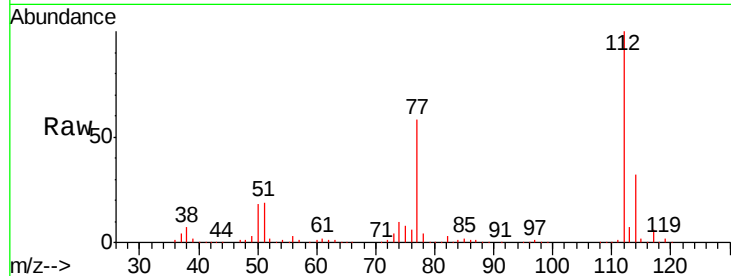
VSTDCCC050EC

Tgt Ion:112 Resp: 324419

Ion Ratio Lower Upper

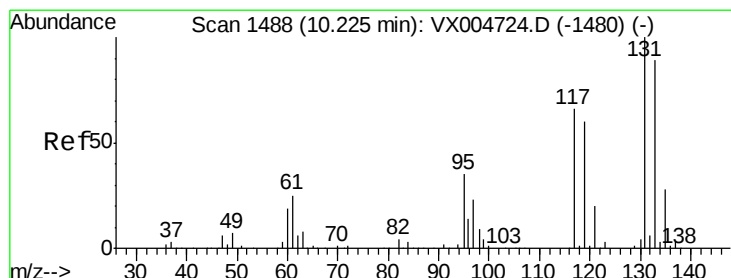
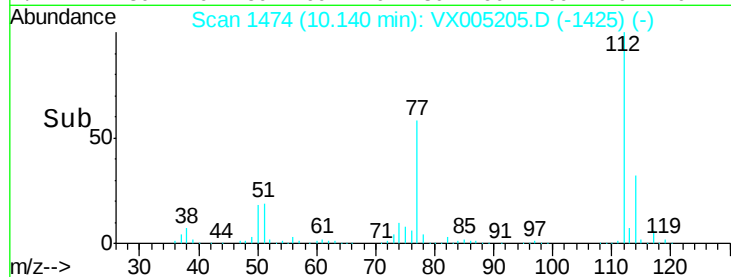
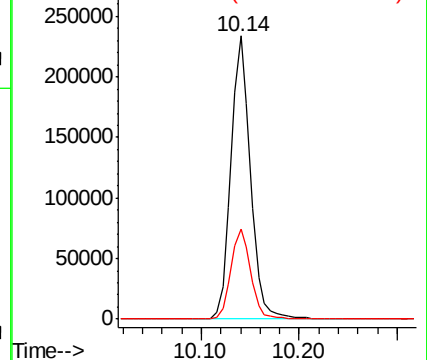
112 100

114 31.9 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 37.46 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

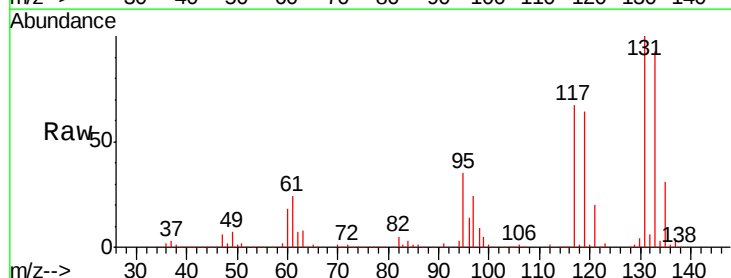
Tgt Ion:131 Resp: 119044

Ion Ratio Lower Upper

131 100

133 96.0 48.4 145.0

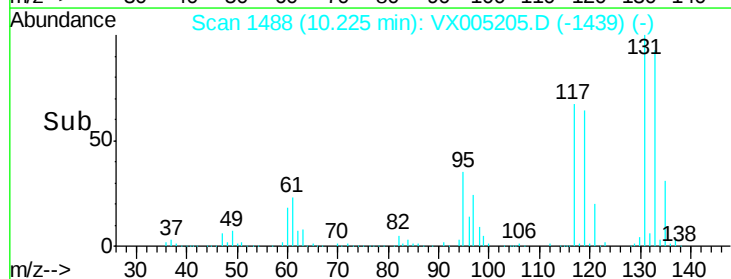
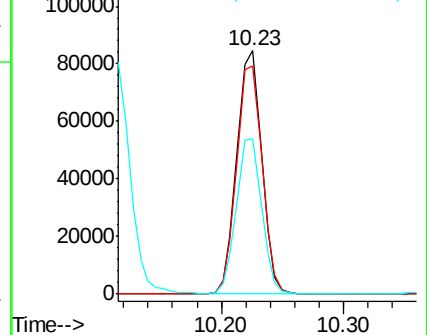
119 65.2 32.3 96.8

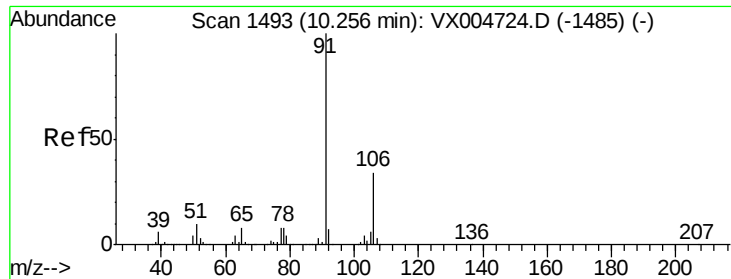


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 38.87 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

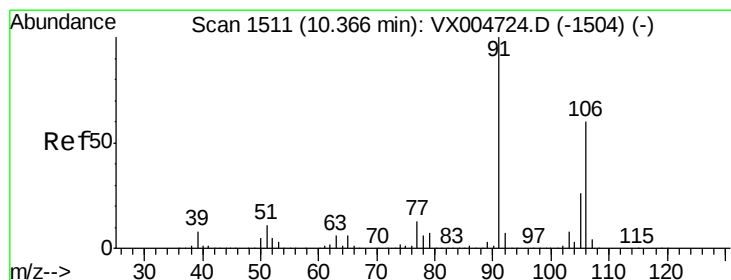
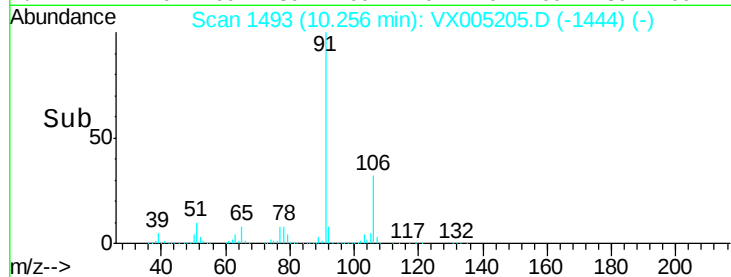
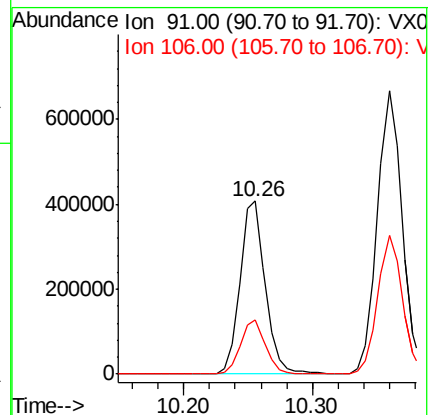
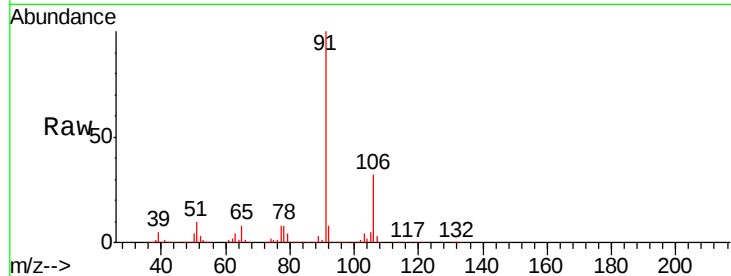
VSTDCCC050EC

Tgt Ion: 91 Resp: 557850

Ion Ratio Lower Upper

91 100

106 31.7 26.9 40.3



#68

m/p-Xylenes

Concen: 77.98 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005205.D

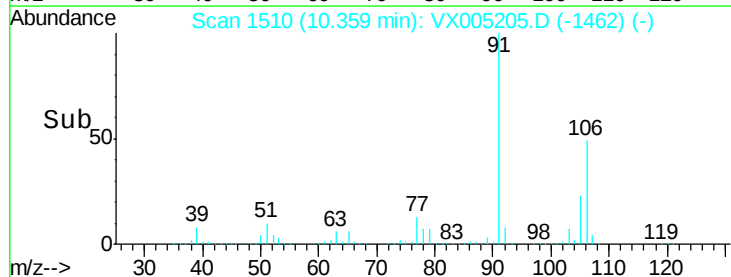
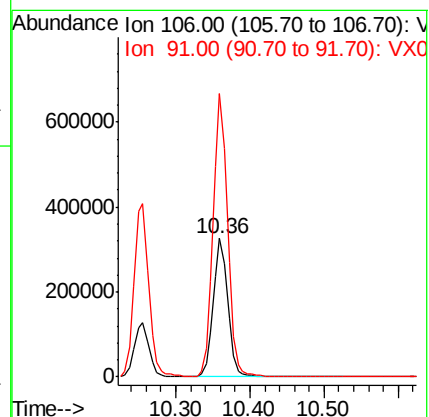
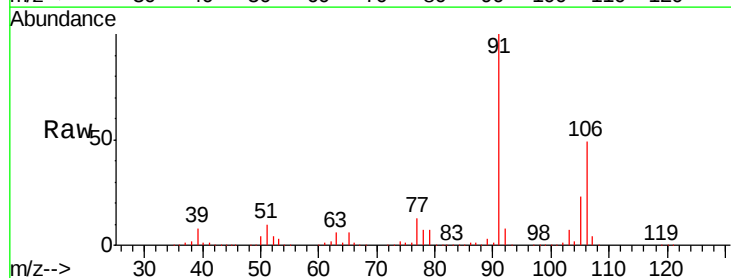
Acq: 10 Oct 2018 12:47

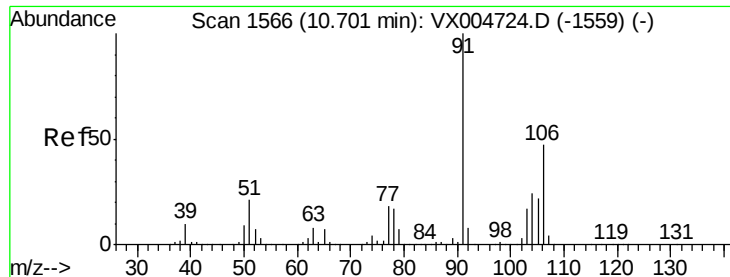
Tgt Ion: 106 Resp: 437363

Ion Ratio Lower Upper

106 100

91 204.3 157.5 236.3

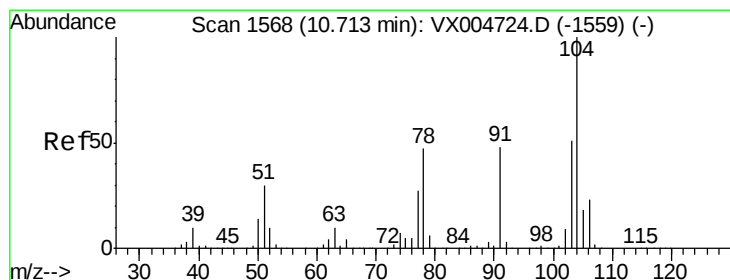
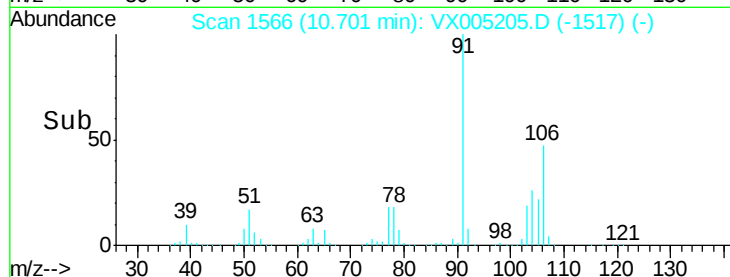
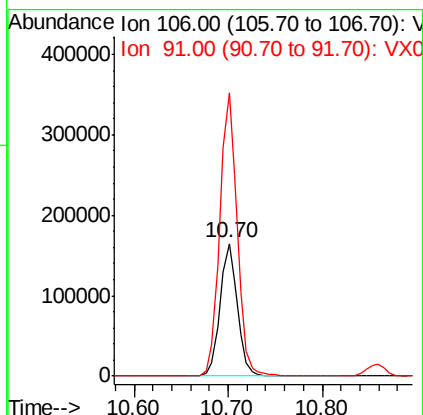
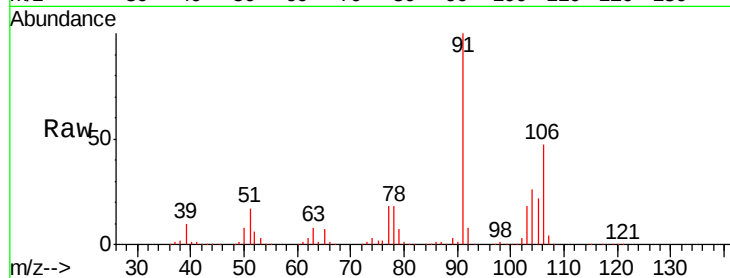




#69
o-Xylene
Concen: 40.88 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

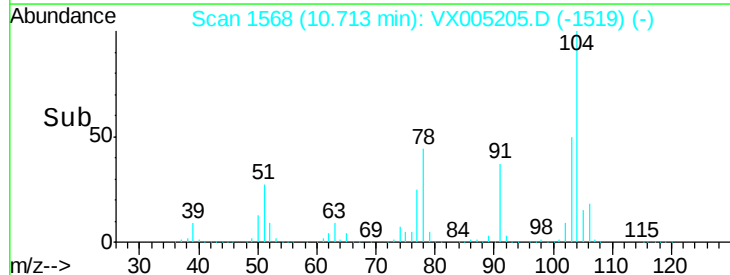
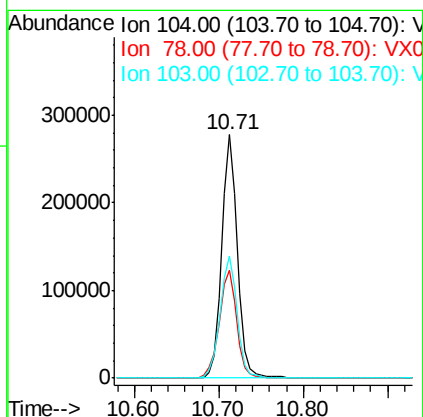
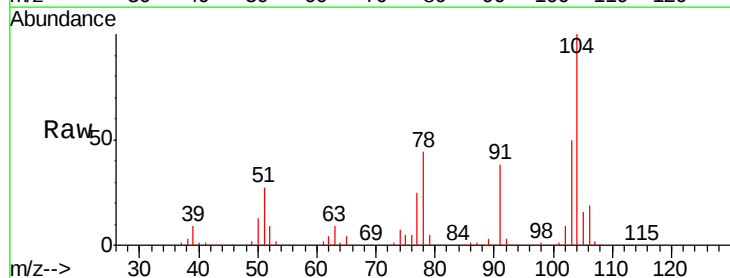
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

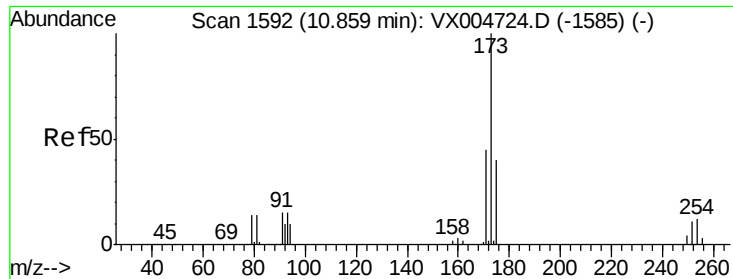
Tgt Ion:106 Resp: 210603
Ion Ratio Lower Upper
106 100
91 214.5 108.3 324.8



#70
Styrene
Concen: 37.76 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion:104 Resp: 358549
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 55.1 44.3 66.5





#71

Bromoform

Concen: 38.87 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

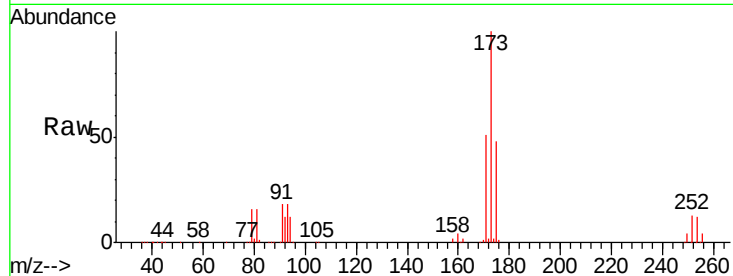
Tgt Ion:173 Resp: 105754

Ion Ratio Lower Upper

173 100

175 48.8 23.3 69.8

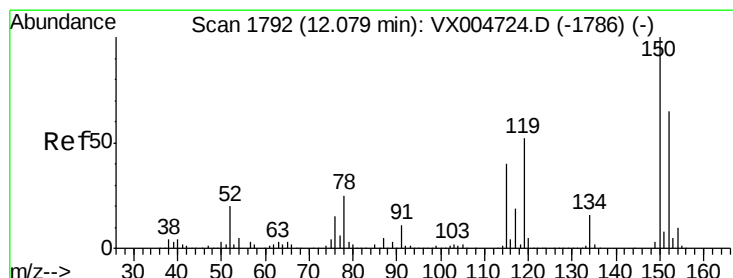
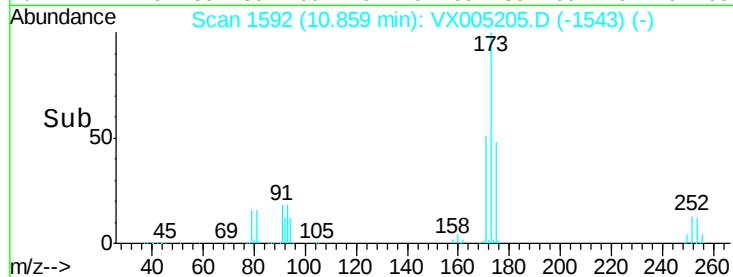
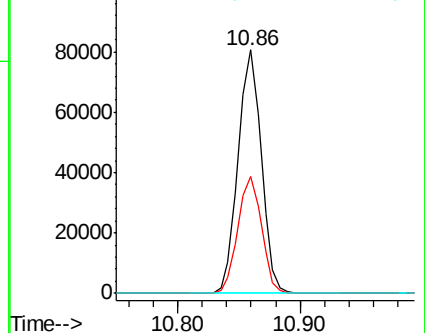
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

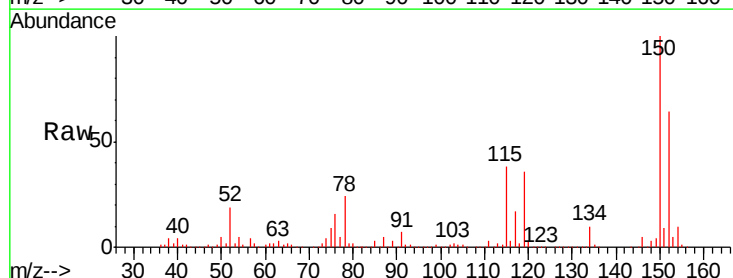
Tgt Ion:152 Resp: 200741

Ion Ratio Lower Upper

152 100

115 75.3 40.2 120.6

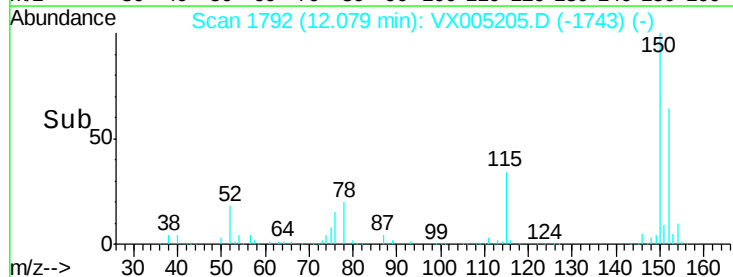
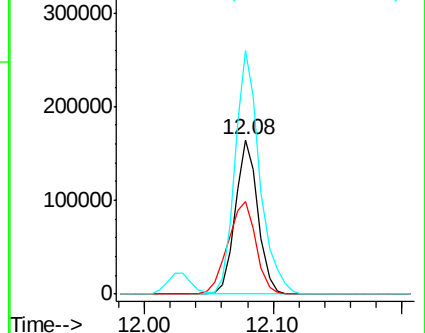
150 172.3 0.0 351.0

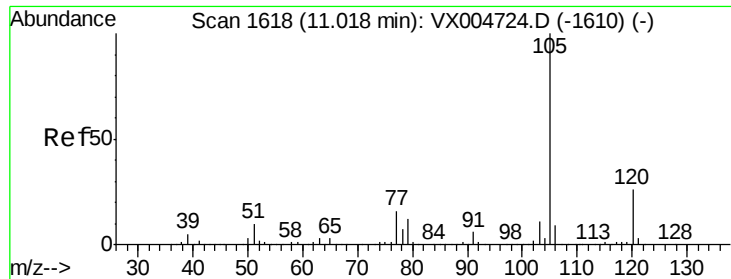


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.03 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

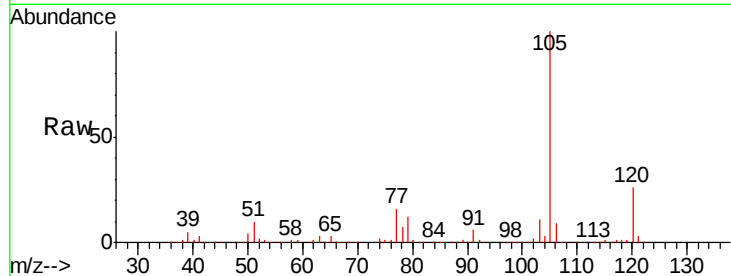
VSTDCCC050EC

Tgt Ion: 105 Resp: 569757

Ion Ratio Lower Upper

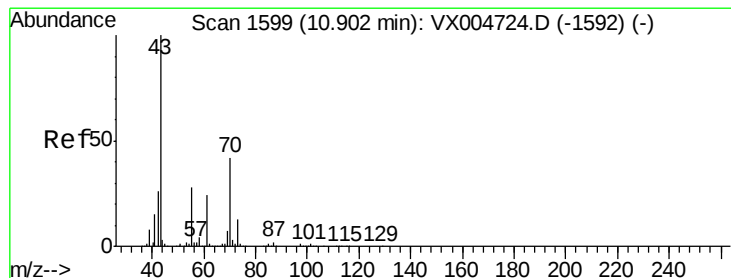
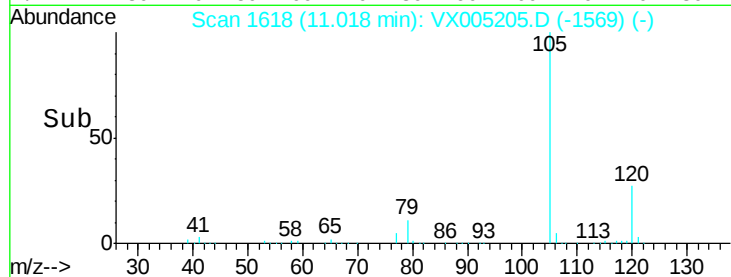
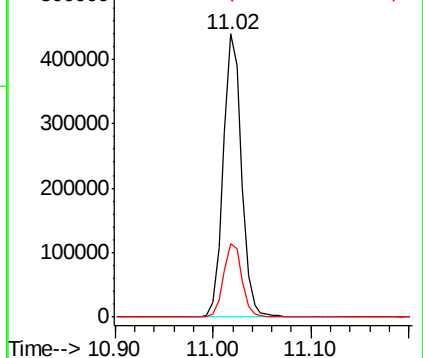
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 38.86 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Tgt Ion: 43 Resp: 267443

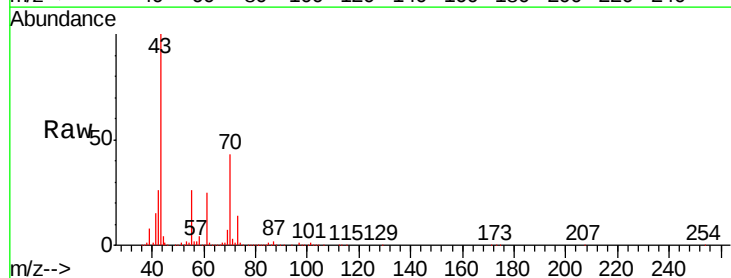
Ion Ratio Lower Upper

43 100

70 41.5 32.6 48.8

55 25.8 21.6 32.4

61 23.8 19.1 28.7

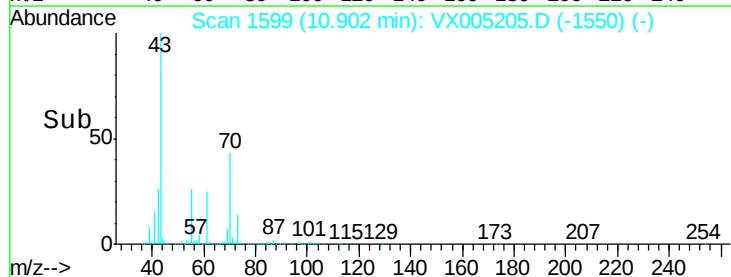
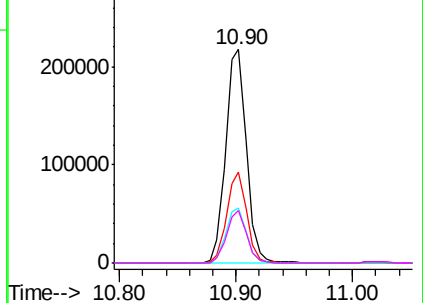


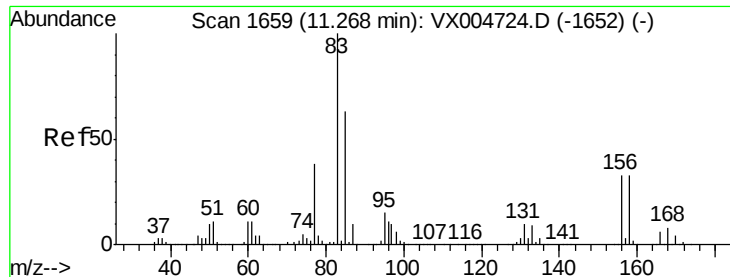
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 38.98 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

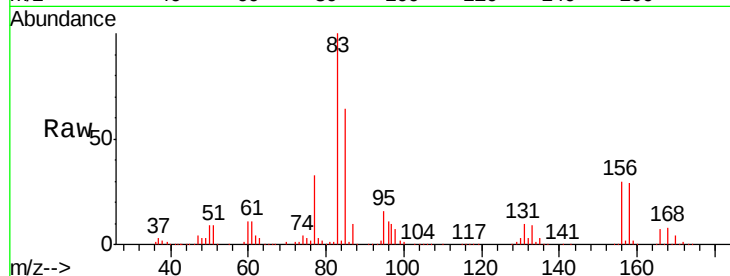
Tgt Ion: 83 Resp: 200769

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

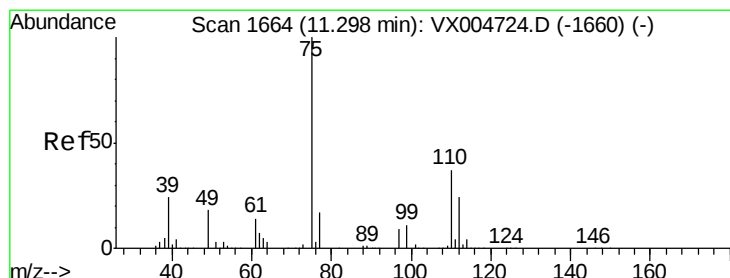
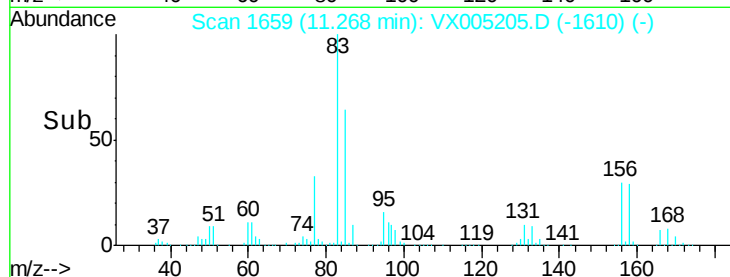
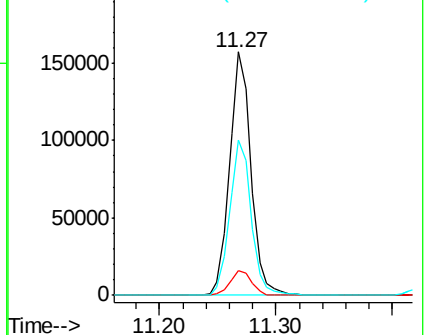
85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.60 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005205.D

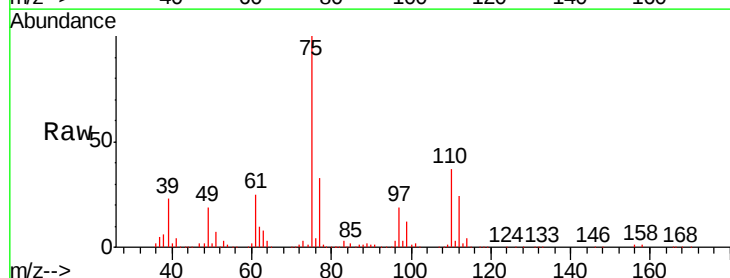
Acq: 10 Oct 2018 12:47

Tgt Ion: 75 Resp: 232157

Ion Ratio Lower Upper

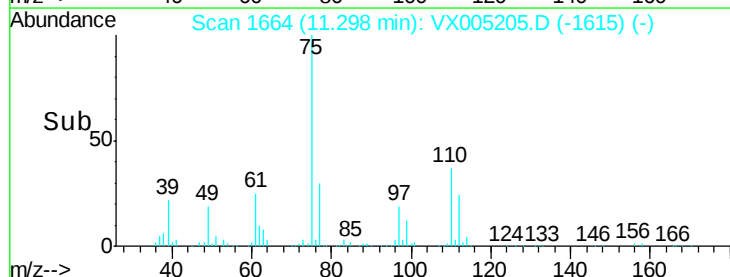
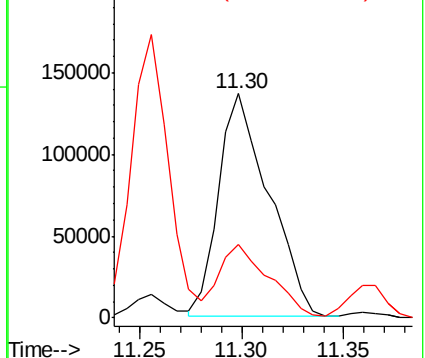
75 100

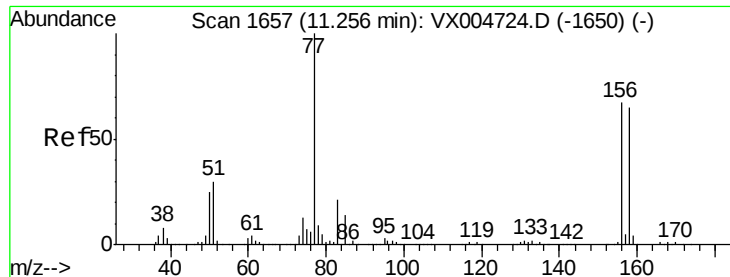
77 32.8 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 41.54 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

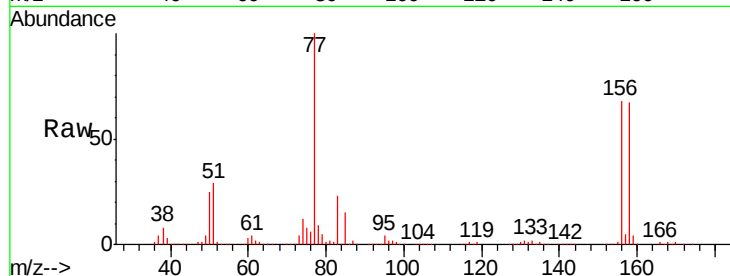
Tgt Ion:156 Resp: 152651

Ion Ratio Lower Upper

156 100

77 145.5 73.4 220.2

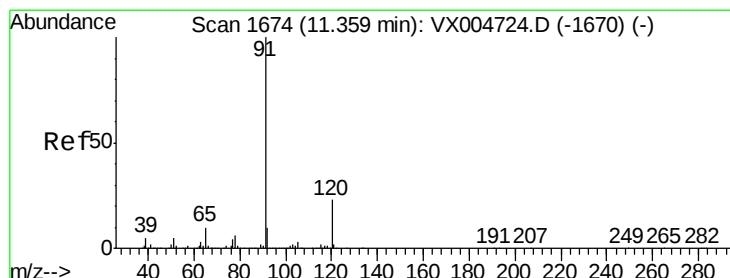
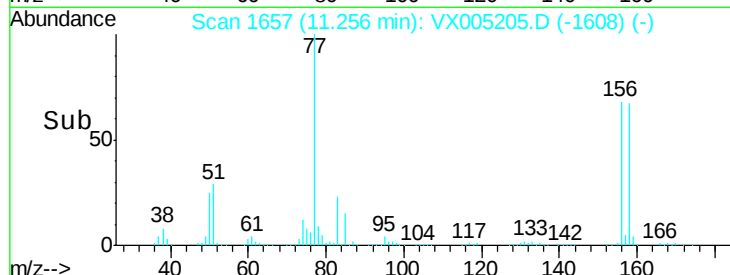
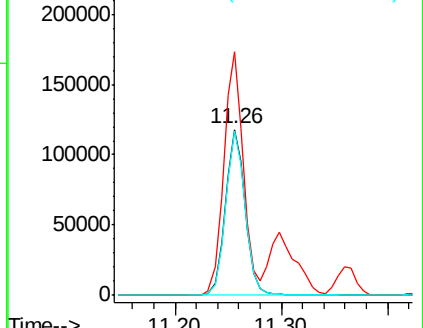
158 98.3 49.1 147.4



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: 45.33 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005205.D

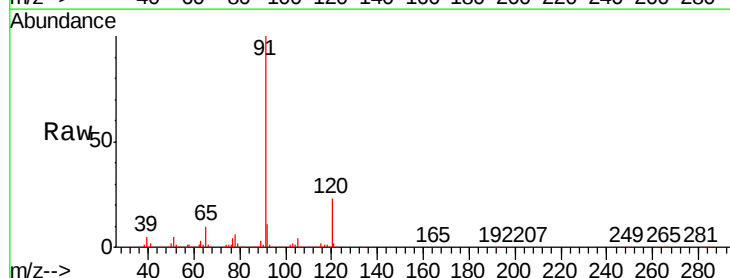
Acq: 10 Oct 2018 12:47

Tgt Ion: 91 Resp: 658061

Ion Ratio Lower Upper

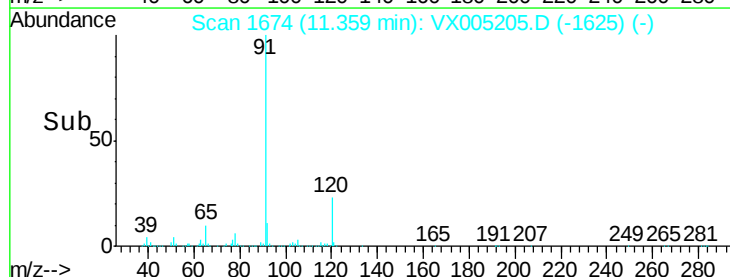
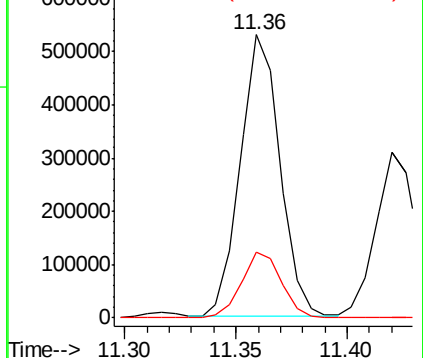
91 100

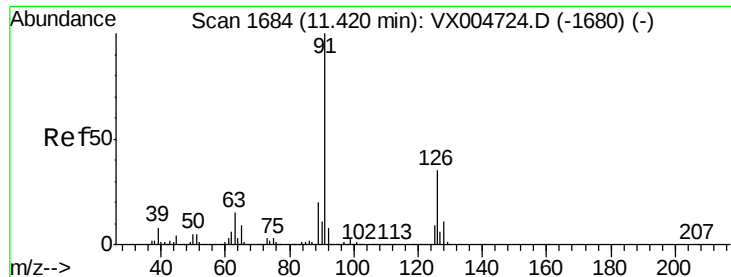
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

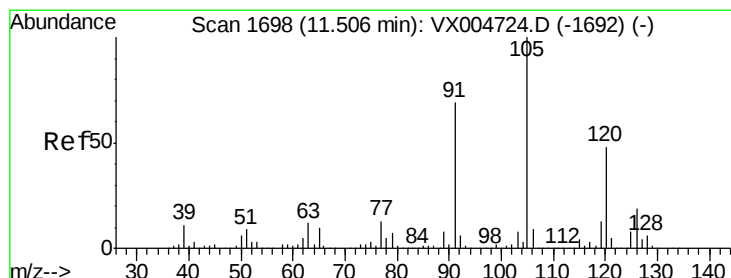
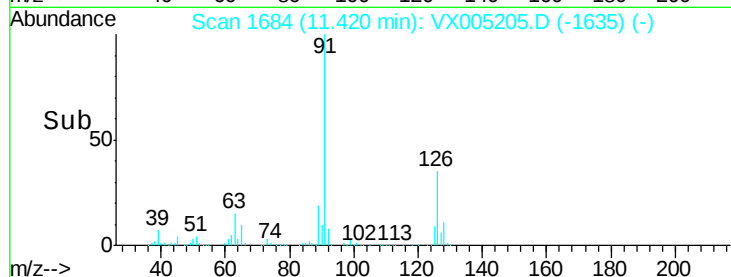
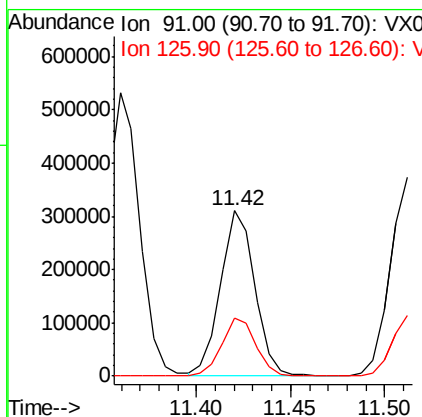
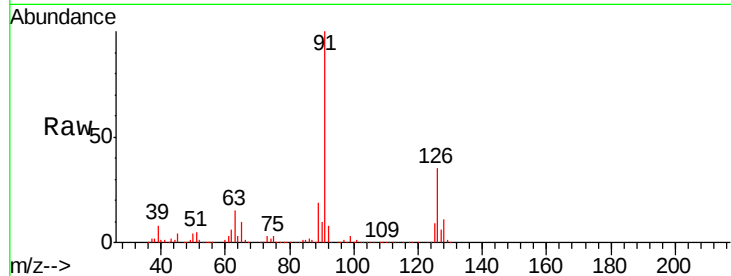




#79
 2-Chlorotoluene
 Concen: 43.03 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

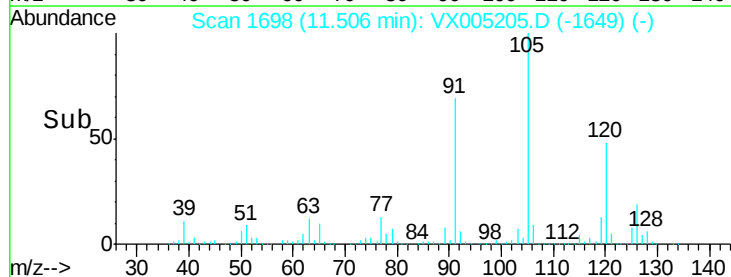
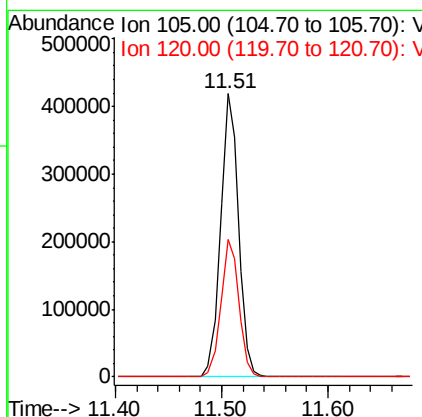
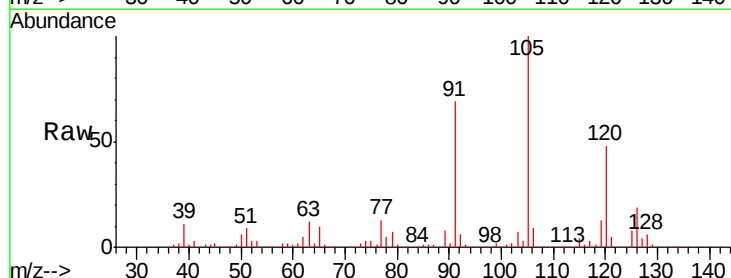
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

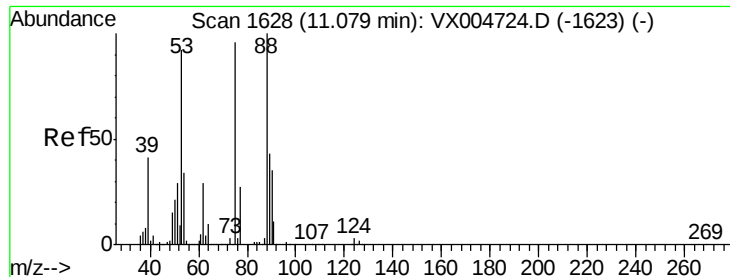
Tgt Ion: 91 Resp: 389380
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 42.28 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion: 105 Resp: 490657
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 35.41 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

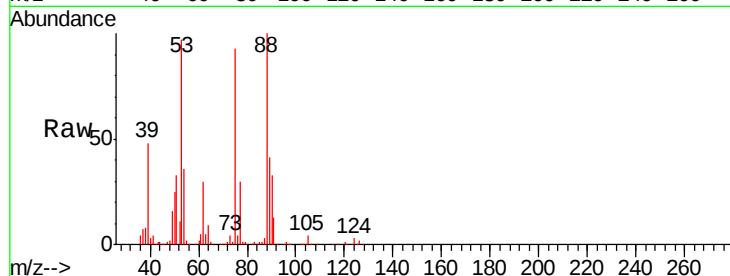
Tgt Ion: 75 Resp: 57426

Ion Ratio Lower Upper

75 100

53 100.1 80.2 120.4

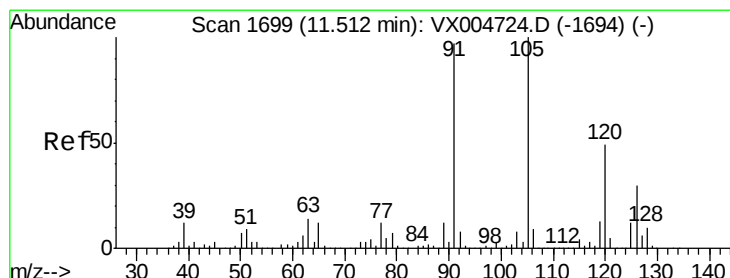
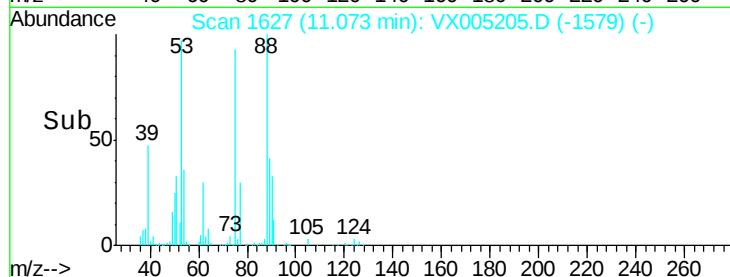
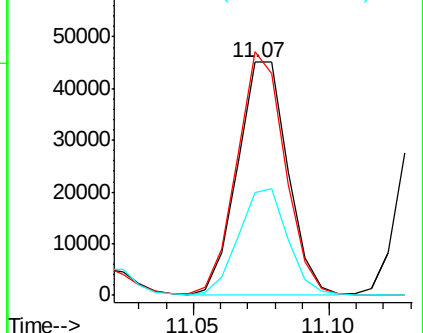
89 45.7 37.1 55.7



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: 43.49 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005205.D

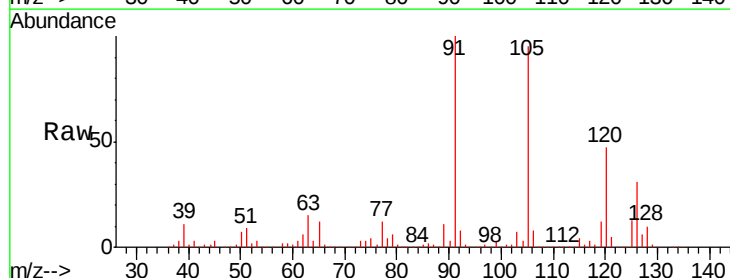
Acq: 10 Oct 2018 12:47

Tgt Ion: 91 Resp: 463196

Ion Ratio Lower Upper

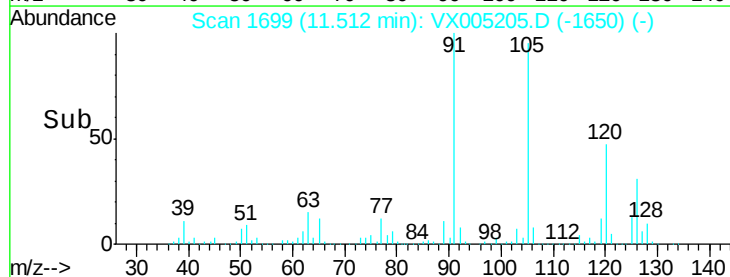
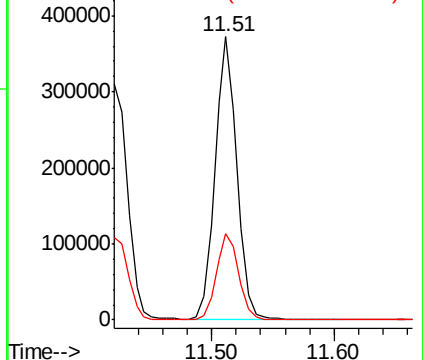
91 100

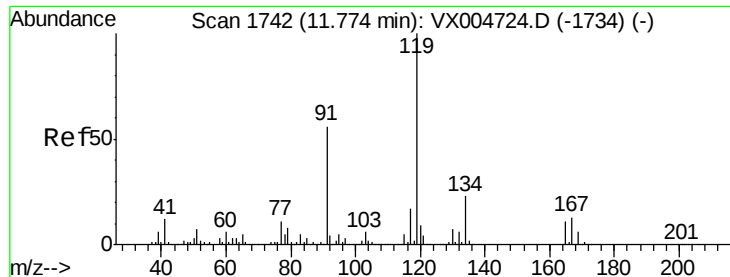
126 31.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

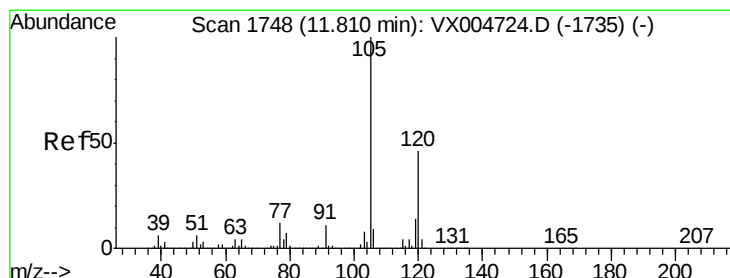
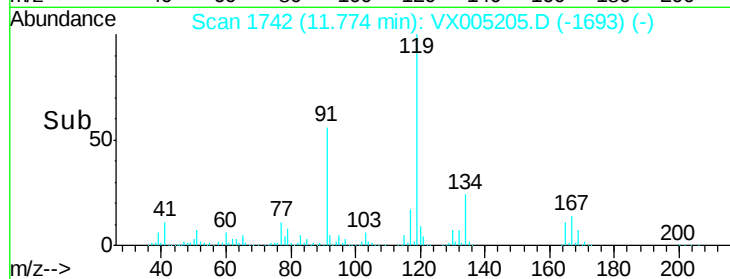
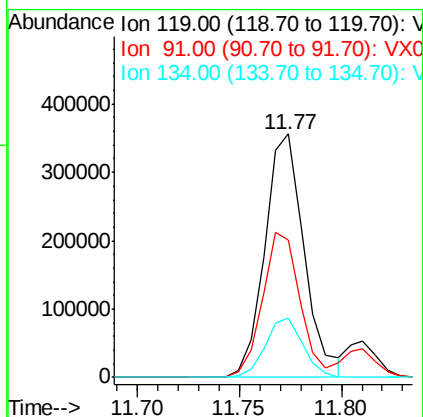
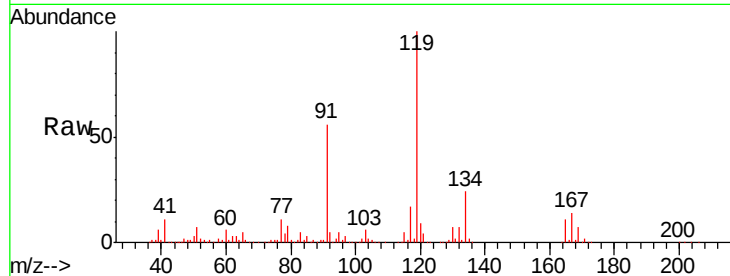




#83
 tert-Butylbenzene
 Concen: 45.94 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

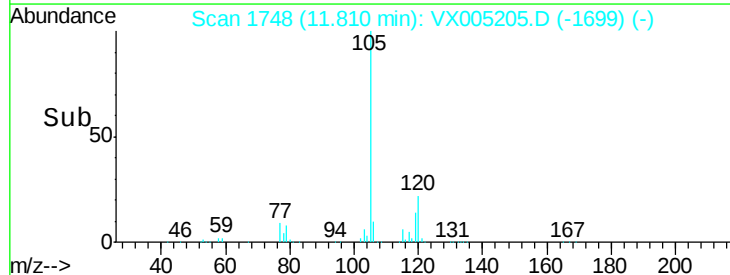
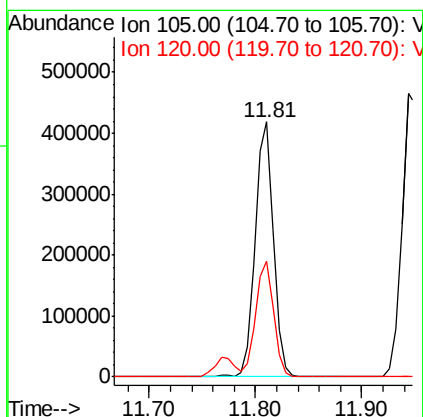
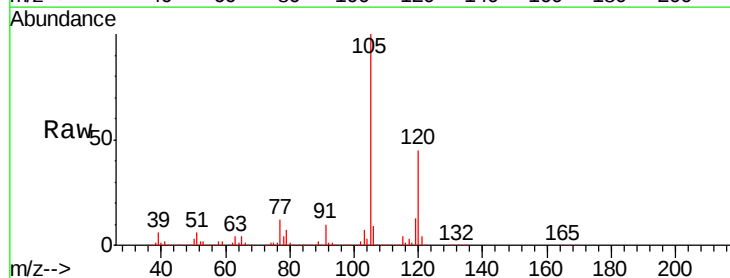
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

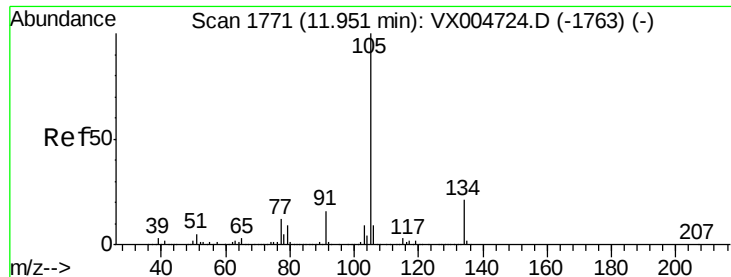
Tgt Ion:119 Resp: 478632
 Ion Ratio Lower Upper
 119 100
 91 56.7 27.5 82.5
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 42.20 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion:105 Resp: 505085
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.8 68.3

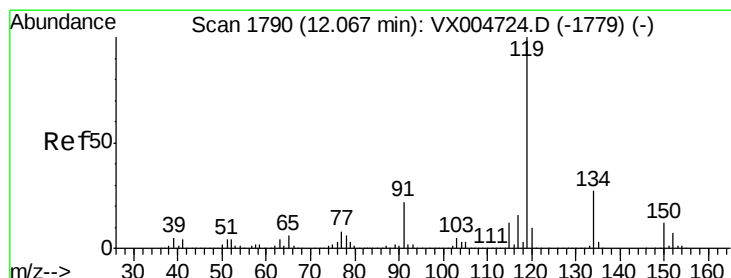
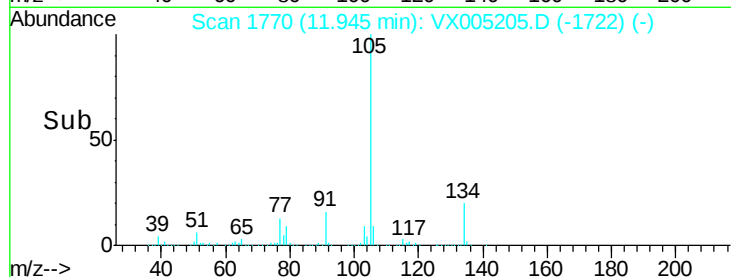
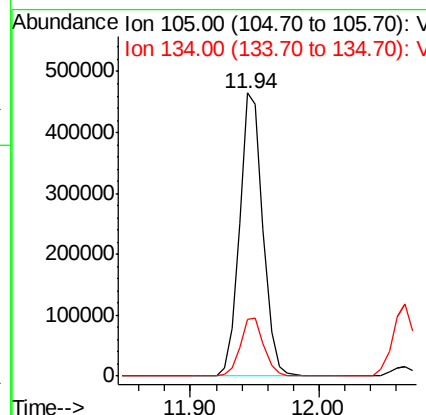
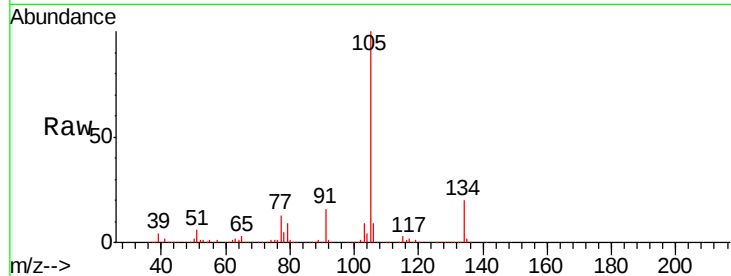




#85
 sec-Butylbenzene
 Concen: 45.90 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

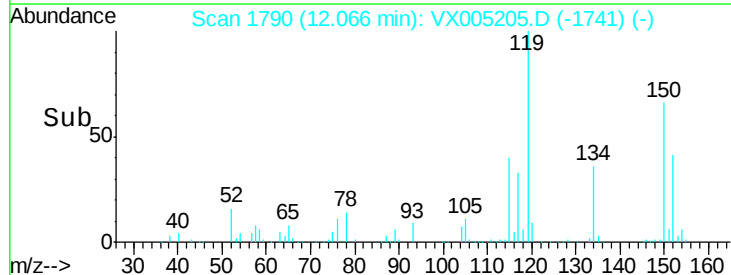
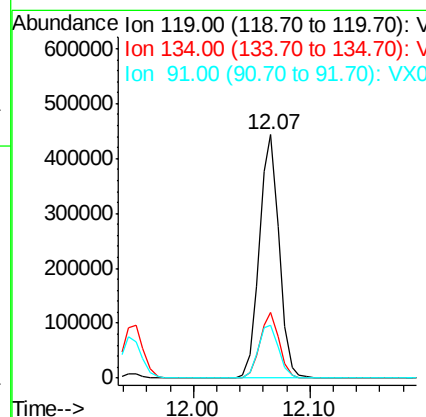
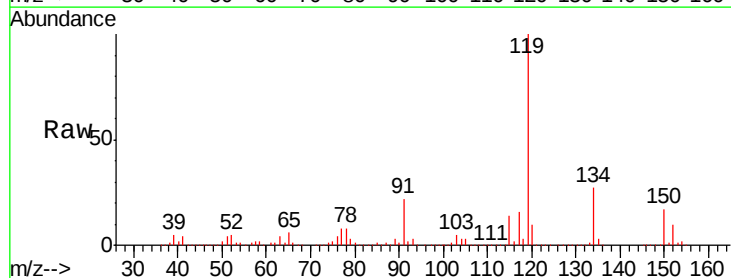
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

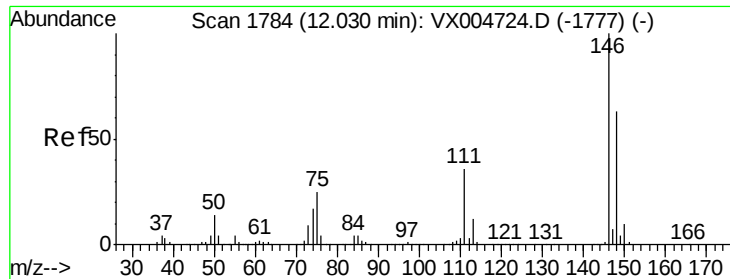
Tgt Ion:105 Resp: 582379
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 45.65 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion:119 Resp: 524812
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 22.8 11.5 34.4

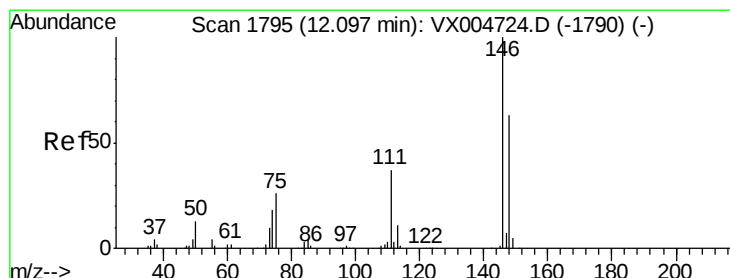
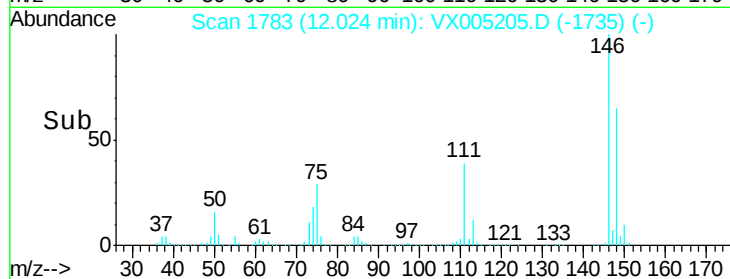
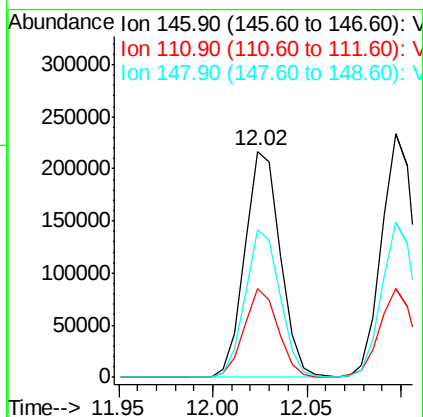
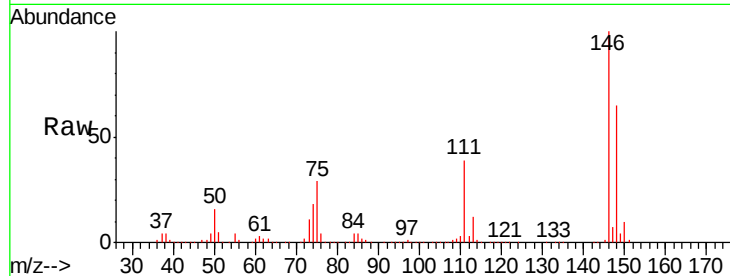




#87
 1,3-Dichlorobenzene
 Concen: 41.31 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

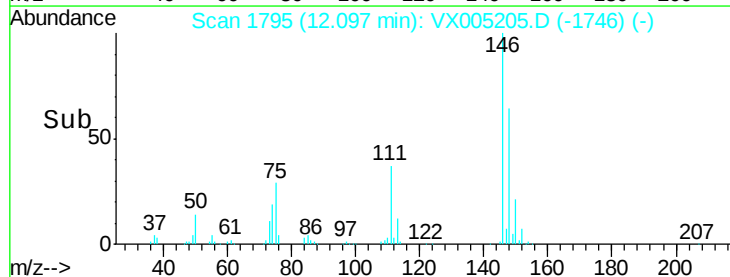
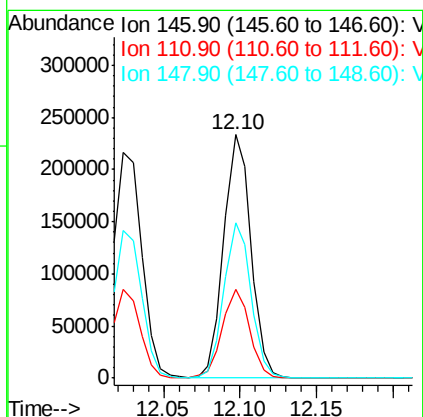
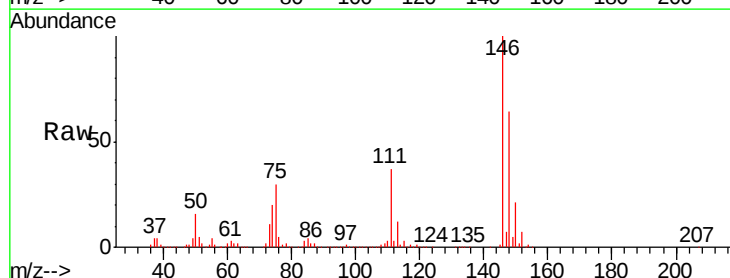
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

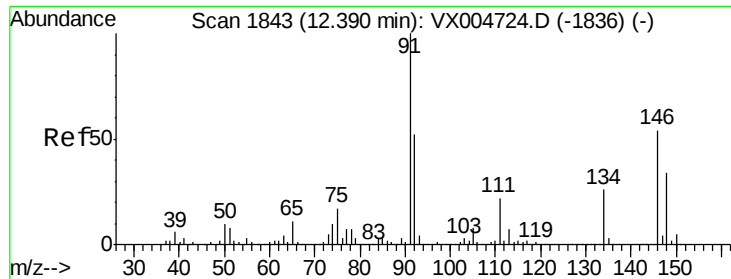
Tgt Ion:146 Resp: 283501
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.9
 148 64.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 40.72 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion:146 Resp: 288441
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.2
 148 63.8 32.0 96.0

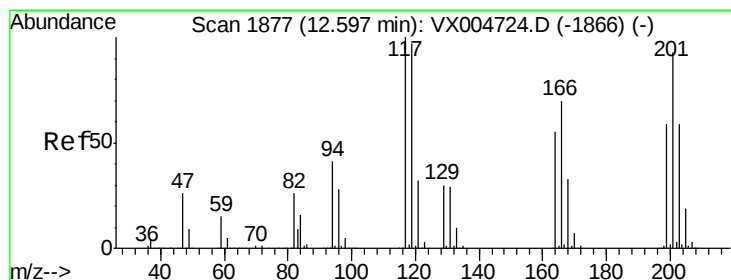
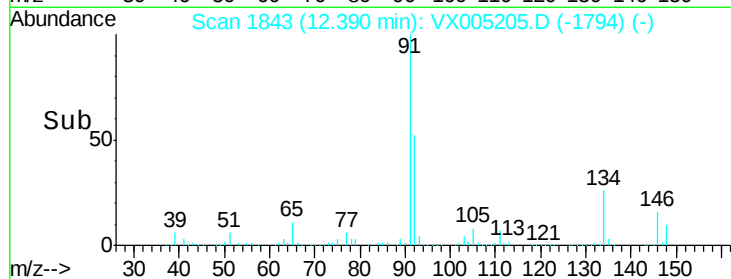
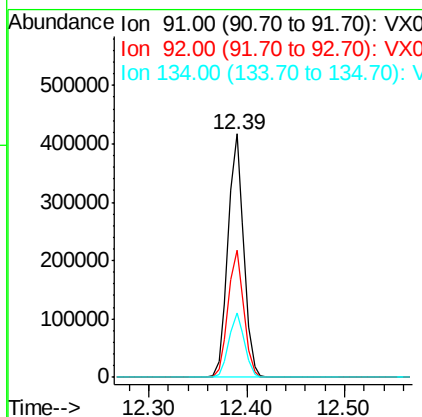
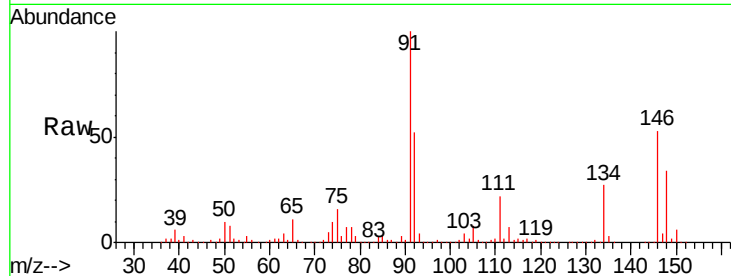




#89
n-Butylbenzene
Concen: 44.59 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

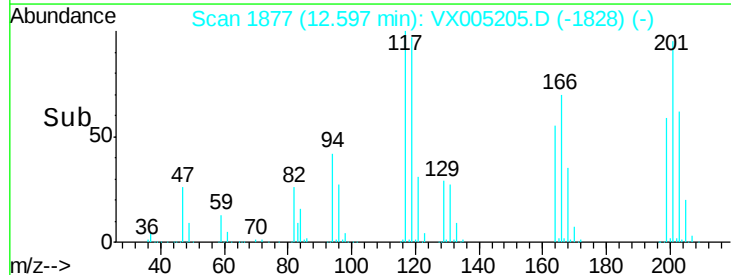
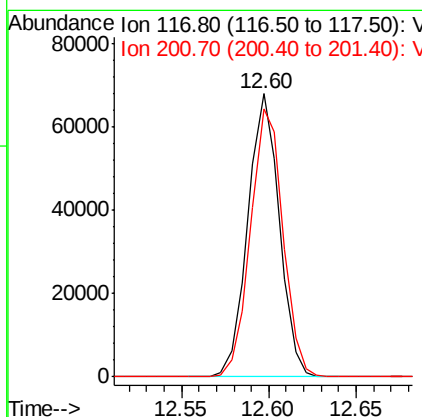
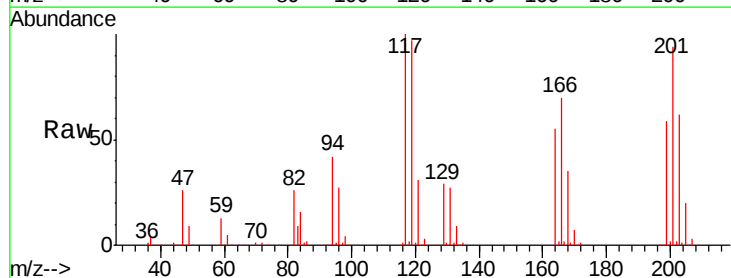
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

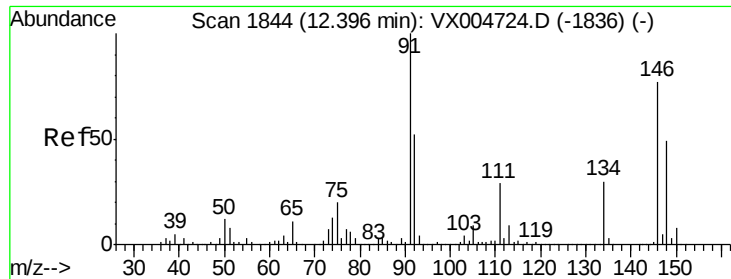
Tgt Ion: 91 Resp: 46511
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.3 13.2 39.6



#90
Hexachloroethane
Concen: 44.36 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005205.D
Acq: 10 Oct 2018 12:47

Tgt Ion: 117 Resp: 84917
Ion Ratio Lower Upper
117 100
201 97.3 48.4 145.0

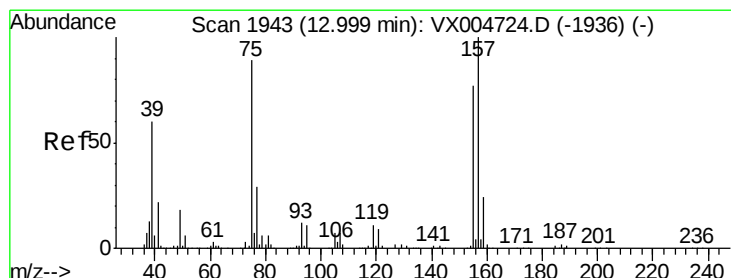
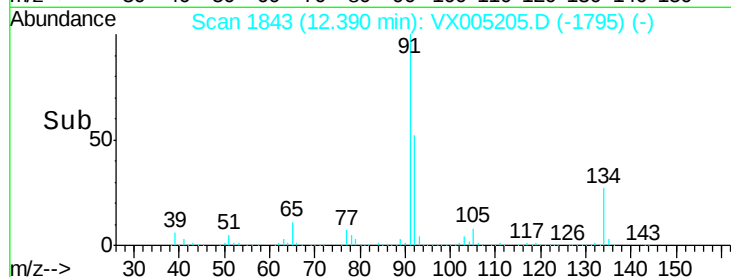
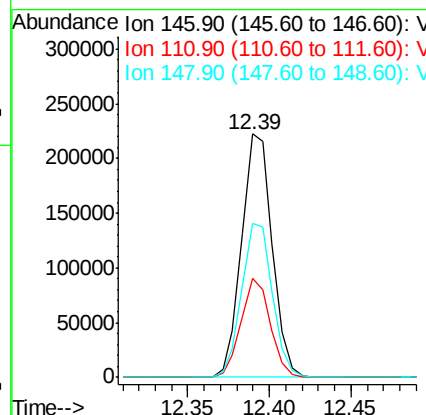
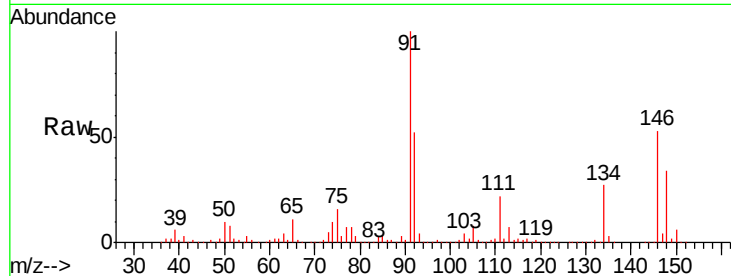




#91
 1,2-Dichlorobenzene
 Concen: 40.58 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

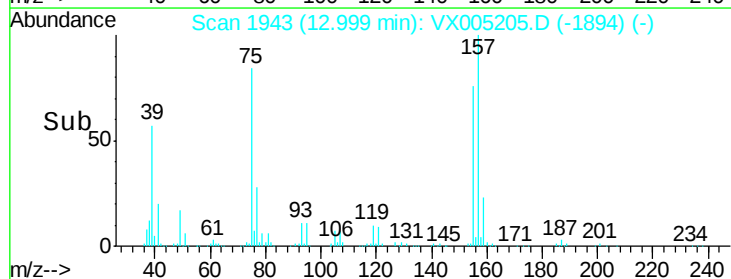
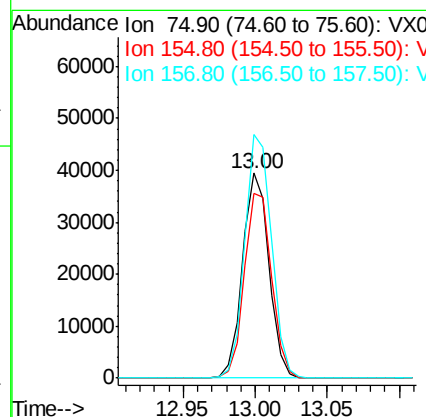
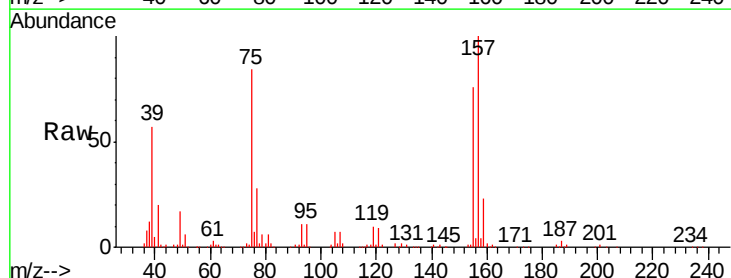
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

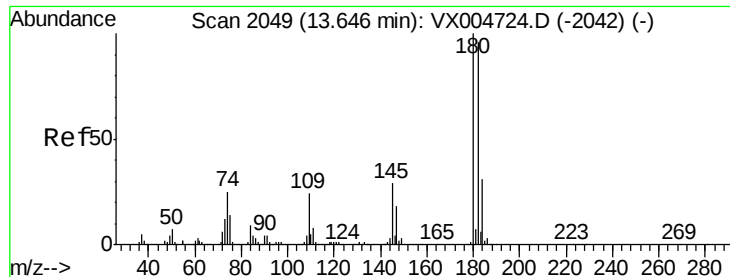
Tgt Ion:146 Resp: 291007
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.43 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion: 75 Resp: 50243
 Ion Ratio Lower Upper
 75 100
 155 92.6 46.1 138.3
 157 120.0 60.2 180.6

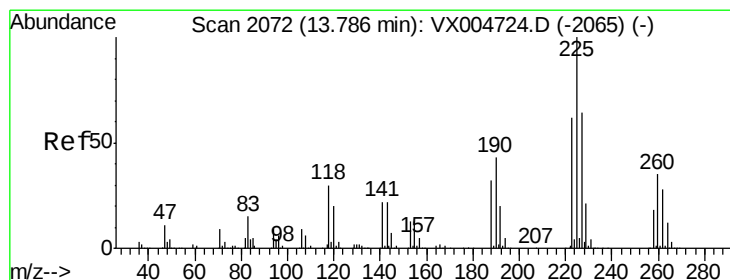
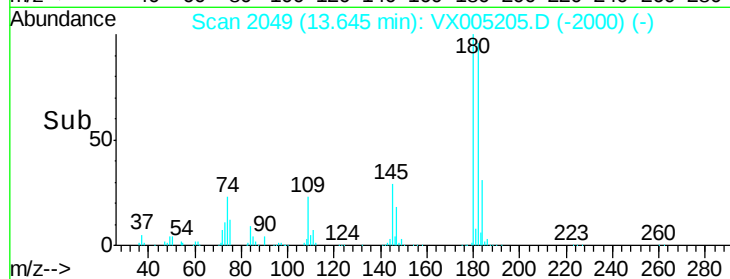
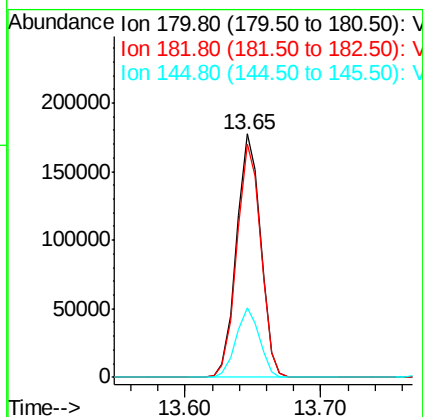
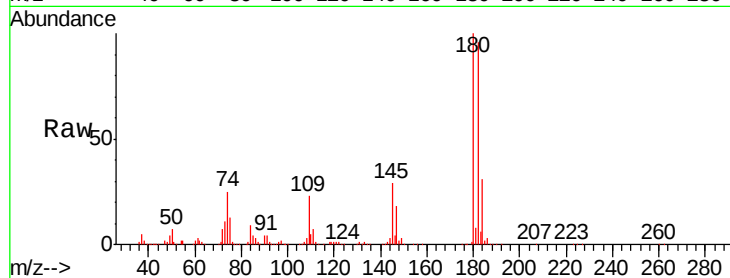




#93
 1,2,4-Trichlorobenzene
 Concen: 43.36 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

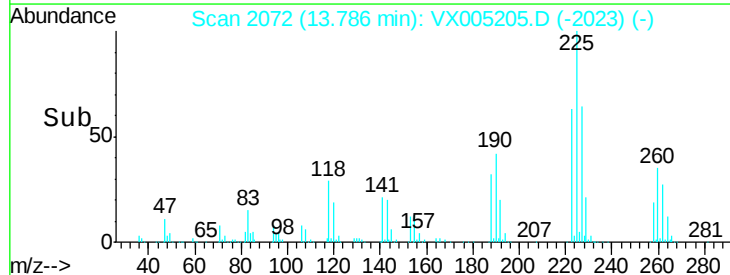
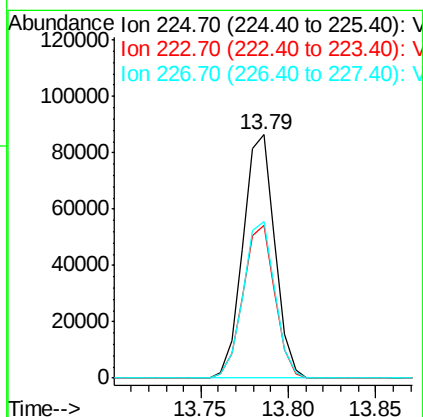
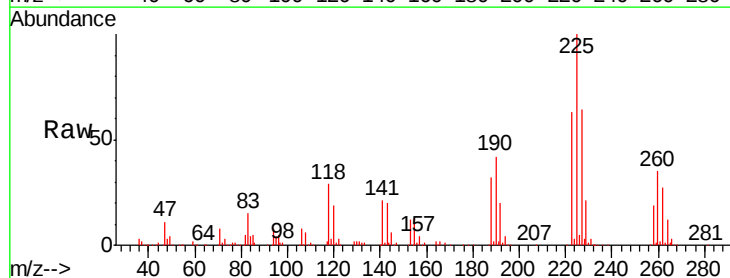
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

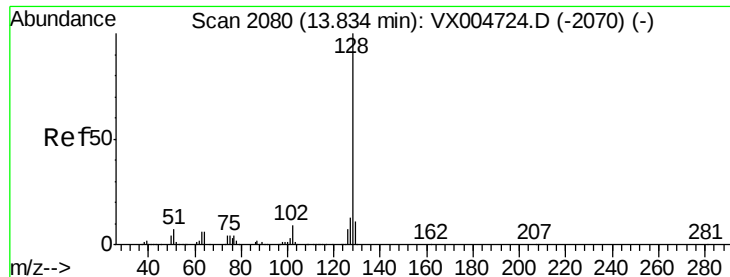
Tgt Ion:180 Resp: 218133
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.8 143.4
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 41.66 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005205.D
 Acq: 10 Oct 2018 12:47

Tgt Ion:225 Resp: 108675
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 64.2 31.9 95.5





#95

Naphthalene

Concen: 41.14 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

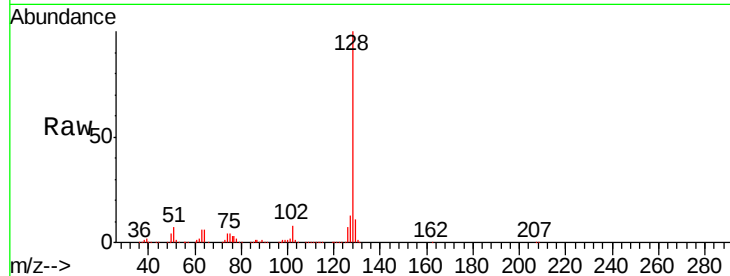
Tgt Ion:128 Resp: 684856

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

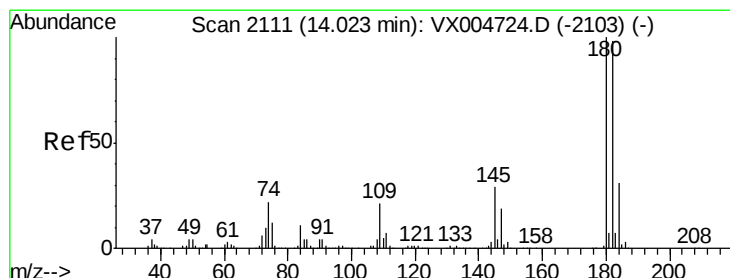
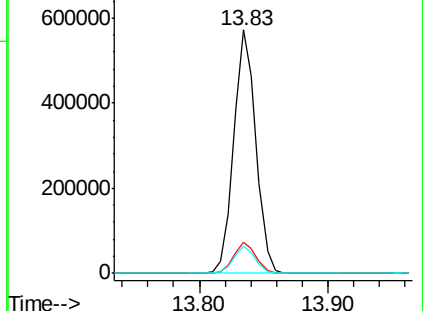
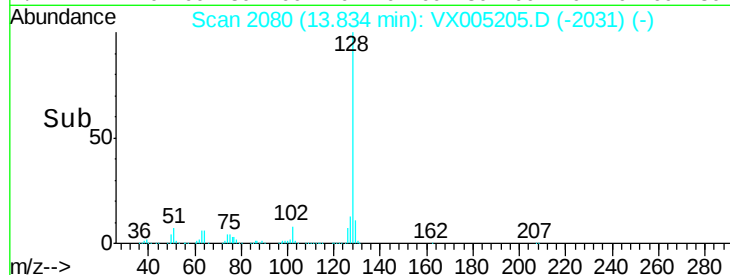
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 43.08 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005205.D

Acq: 10 Oct 2018 12:47

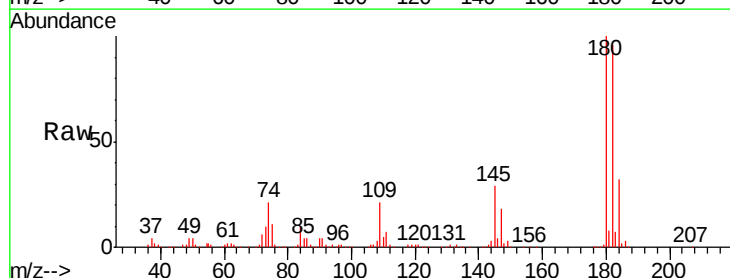
Tgt Ion:180 Resp: 223885

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 29.7 15.0 45.0



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

