

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004719.D
 Acq On : 19 Sep 2018 21:13
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 20 03:52:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177116	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	119725	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
35) Dibromofluoromethane	5.51	113	109897	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	
50) Toluene-d8	8.72	98	411748	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
62) 4-Bromofluorobenzene	11.14	95	153280	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	104499	51.98	ug/l	98
3) Chloromethane	1.32	50	140511	50.79	ug/l	96
4) Vinyl Chloride	1.40	62	155307	54.70	ug/l	98
5) Bromomethane	1.64	94	66441	56.03	ug/l	98
6) Chloroethane	1.71	64	95111	51.80	ug/l	95
7) Trichlorofluoromethane	1.92	101	201318	53.48	ug/l	97
8) Diethyl Ether	2.19	74	91753	54.37	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	125142	52.41	ug/l	97
10) Methyl Iodide	2.51	142	140114	49.16	ug/l	97
11) Tert butyl alcohol	3.08	59	188092	285.01	ug/l	99
12) 1,1-Dichloroethene	2.37	96	124635	55.61	ug/l	90
13) Acrolein	2.29	56	51744	198.63	ug/l	95
14) Allyl chloride	2.72	41	241606	52.44	ug/l	95
15) Acrylonitrile	3.15	53	440310	277.06	ug/l	99
16) Acetone	2.45	43	330023	244.48	ug/l	94
17) Carbon Disulfide	2.56	76	313179	48.34	ug/l	99
18) Methyl Acetate	2.78	43	228143	60.24	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	441382	56.13	ug/l	96
20) Methylene Chloride	2.85	84	144426	52.16	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	130825	52.82	ug/l	97
22) Diisopropyl ether	3.87	45	456415	55.00	ug/l	96
23) Vinyl Acetate	3.82	43	1772276	263.90	ug/l	99
24) 1,1-Dichloroethane	3.70	63	245307	52.36	ug/l	99
25) 2-Butanone	4.70	43	528991	246.23	ug/l	94
26) 2,2-Dichloropropane	4.58	77	150769	46.85	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	147829	53.47	ug/l	100
28) Bromochloromethane	5.01	49	97000	45.26	ug/l	98
29) Tetrahydrofuran	5.15	42	346989	267.82	ug/l	100
30) Chloroform	5.21	83	245932	53.76	ug/l	94
31) Cyclohexane	5.57	56	204371	51.08	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	204235	55.44	ug/l	98
36) 1,1-Dichloropropene	5.80	75	168008	45.76	ug/l	98
37) Ethyl Acetate	4.86	43	203302	48.69	ug/l	99
38) Carbon Tetrachloride	5.78	117	170075	47.43	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201538	52.60	ug/l	98
40) Benzene	6.14	78	523835	48.09	ug/l	100
41) Methacrylonitrile	5.06	41	111708	48.55	ug/l	97
42) 1,2-Dichloroethane	6.20	62	174230	48.22	ug/l	99
43) Isopropyl Acetate	6.46	43	293368	52.90	ug/l	99
44) Trichloroethene	7.21	130	156901	55.44	ug/l	98
45) 1,2-Dichloropropane	7.52	63	139438	53.20	ug/l	100
46) Dibromomethane	7.66	93	89128	53.82	ug/l	98
47) Bromodichloromethane	7.90	83	169803	54.22	ug/l	99
48) Methyl methacrylate	7.77	41	148406	54.07	ug/l	97
49) 1,4-Dioxane	7.76	88	75103	1156.07	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	973936	248.84	ug/l	99
52) Toluene	8.79	92	332880	51.87	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	186397	50.95	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	206234	55.30	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	138776	50.22	ug/l	97
56) Ethyl methacrylate	9.18	69	209245	53.52	ug/l	96
57) 1,3-Dichloropropane	9.37	76	226085	50.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	482476	242.45	ug/l	98
59) 2-Hexanone	9.50	43	741175	246.88	ug/l	100
60) Dibromochloromethane	9.59	129	142389	54.73	ug/l	100
61) 1,2-Dibromoethane	9.68	107	141992	53.79	ug/l	100
64) Tetrachloroethene	9.34	164	191452	53.54	ug/l	97
65) Chlorobenzene	10.14	112	384172	54.00	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	138088	56.28	ug/l	99
67) Ethyl Benzene	10.26	91	639463	55.27	ug/l	100
68) m/p-Xylenes	10.36	106	505114	113.35	ug/l	99
69) o-Xylene	10.70	106	246200	57.47	ug/l	99
70) Styrene	10.71	104	415766	58.58	ug/l	99
71) Bromoform	10.86	173	114872	57.02	ug/l	99
73) Isopropylbenzene	11.02	105	661771	56.73	ug/l	100
74) N-amyl acetate	10.90	43	264912	53.96	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	188955	50.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	243707	68.39	ug/l	86
77) Bromobenzene	11.26	156	180445	55.97	ug/l	97
78) n-propylbenzene	11.36	91	751693	56.05	ug/l	99
79) 2-Chlorotoluene	11.42	91	442149	54.36	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	557906	56.89	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	60105	53.76	ug/l	94
82) 4-Chlorotoluene	11.51	91	518748	54.64	ug/l	99
83) tert-Butylbenzene	11.77	119	527988	56.56	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	571917	57.12	ug/l	99
85) sec-Butylbenzene	11.95	105	678769	57.06	ug/l	100
86) p-Isopropyltoluene	12.07	119	608593	57.93	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	329191	54.72	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	331749	53.37	ug/l	100
89) n-Butylbenzene	12.39	91	521800	54.51	ug/l	98
90) Hexachloroethane	12.60	117	95099	56.55	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	335875	55.16	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45345	56.44	ug/l	95

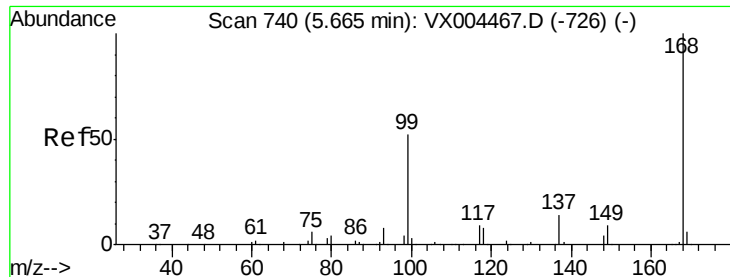
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	250594	58.13	ug/l	98
94) Hexachlorobutadiene	13.79	225	123598	54.88	ug/l	98
95) Naphthalene	13.83	128	731376	60.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	255542	57.70	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

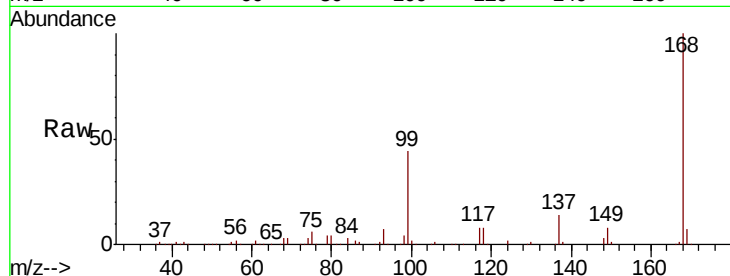
VSTDCCC050EC

Tot Ion:168 Resp: 214497

Ion Ratio Lower Upper

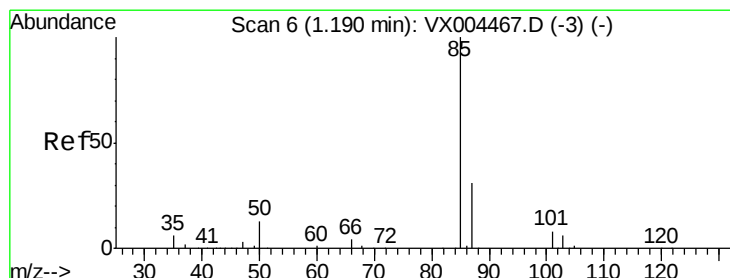
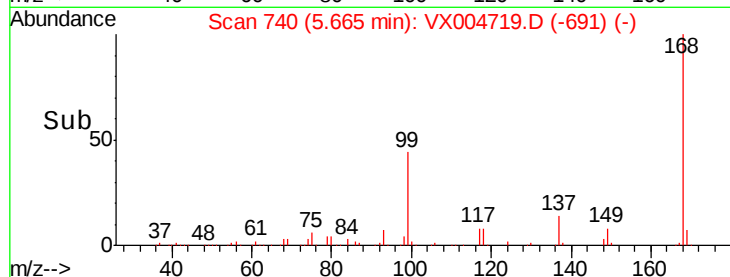
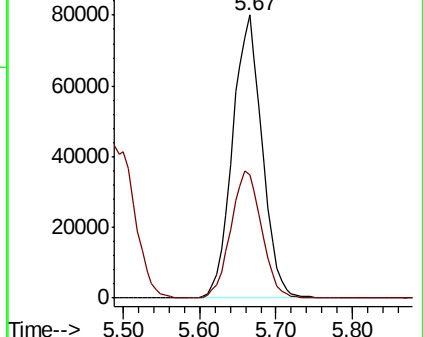
168 100

99 43.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.98 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX004719.D

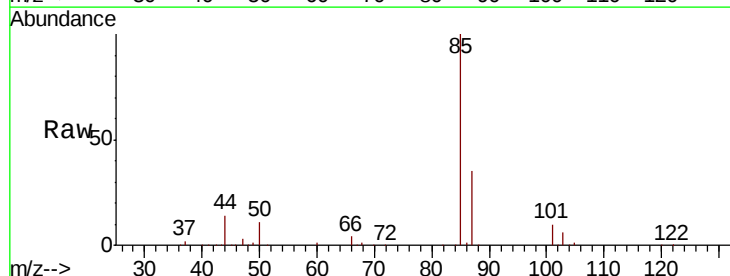
Acq: 19 Sep 2018 21:13

Tgt Ion: 85 Resp: 104499

Ion Ratio Lower Upper

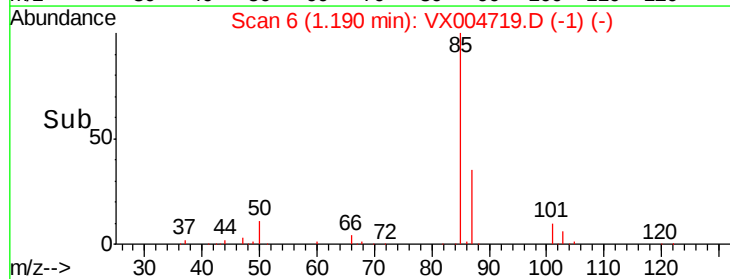
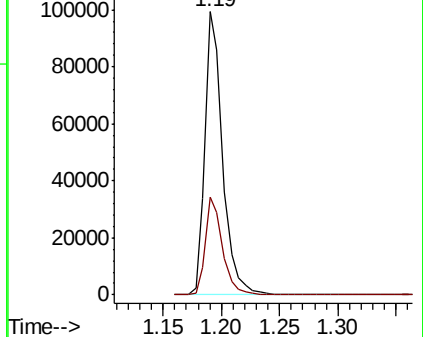
85 100

87 34.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.79 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

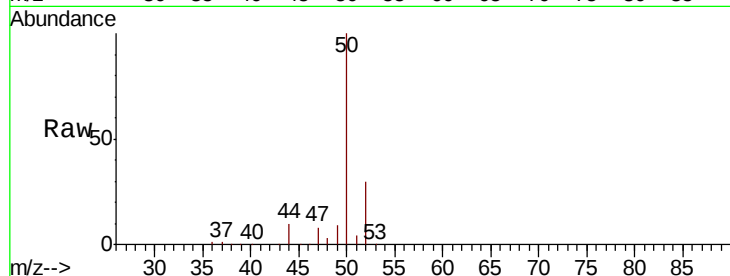
VSTDCCC050EC

Tot Ion: 50 Resp: 140511

Ion Ratio Lower Upper

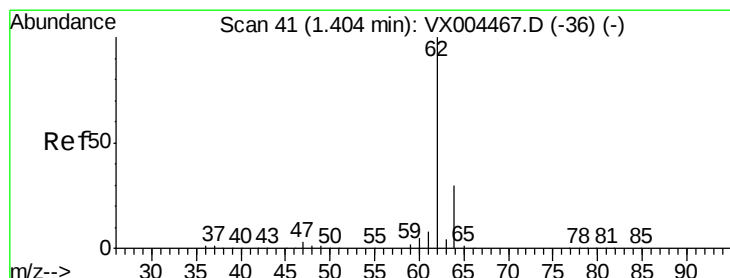
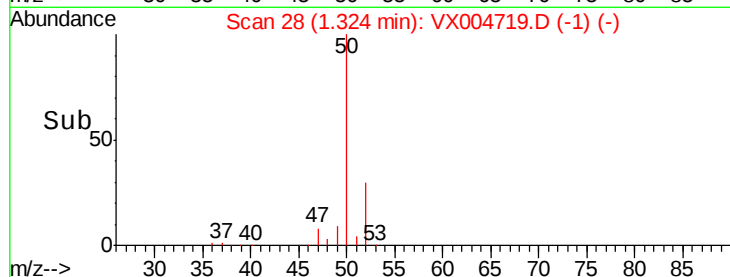
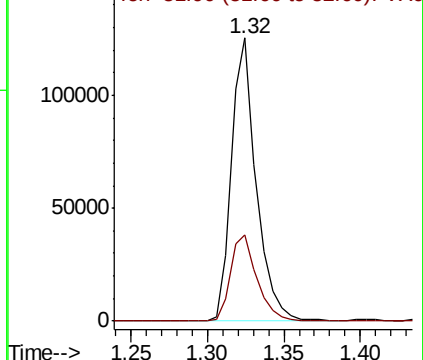
50 100

52 30.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.70 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004719.D

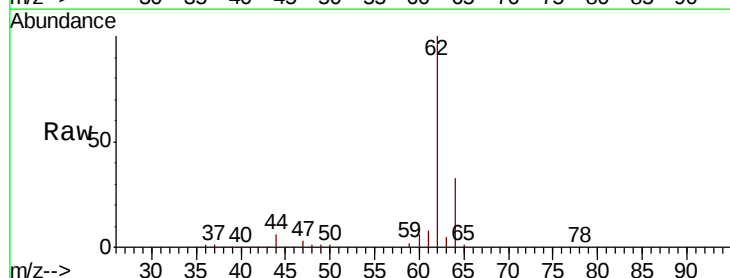
Acq: 19 Sep 2018 21:13

Tgt Ion: 62 Resp: 155307

Ion Ratio Lower Upper

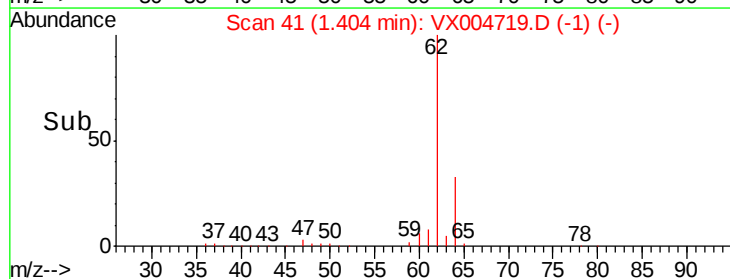
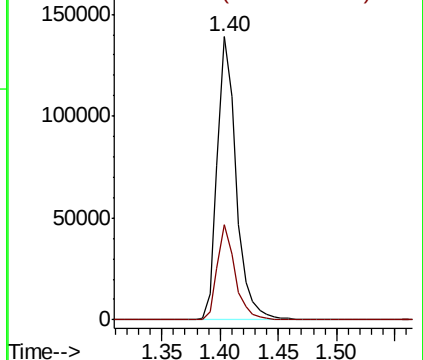
62 100

64 33.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.03 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

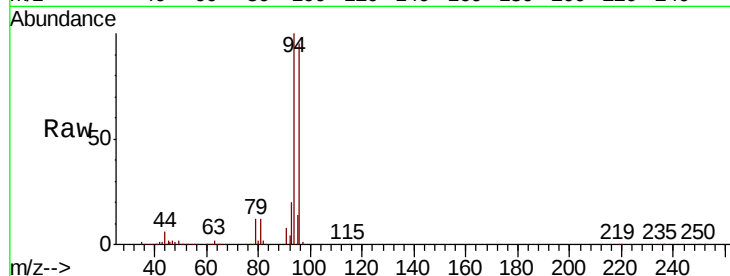
VSTDCCC050EC

Tot Ion: 94 Resp: 66441

Ion Ratio Lower Upper

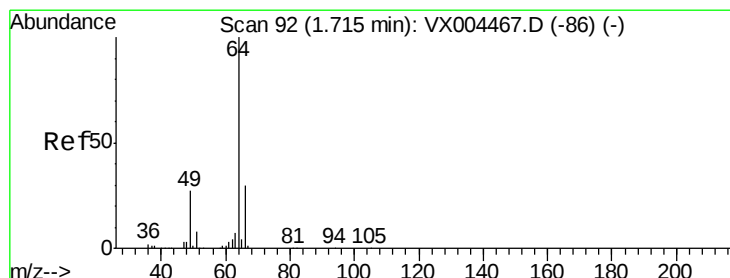
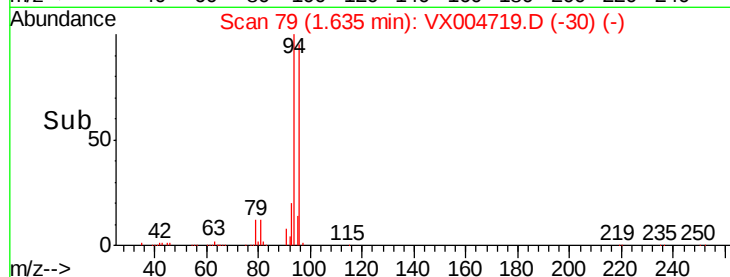
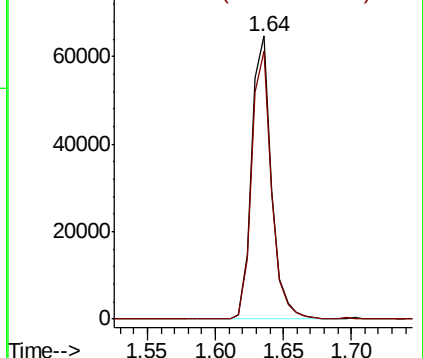
94 100

96 94.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.80 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004719.D

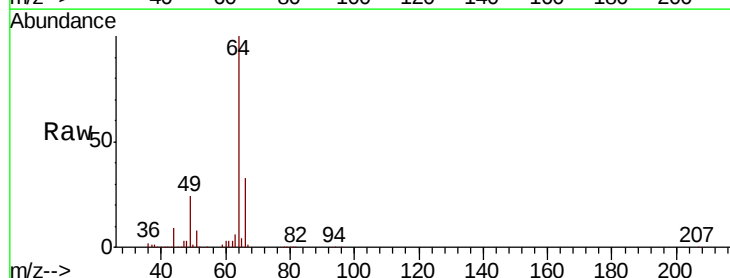
Acq: 19 Sep 2018 21:13

Tgt Ion: 64 Resp: 95111

Ion Ratio Lower Upper

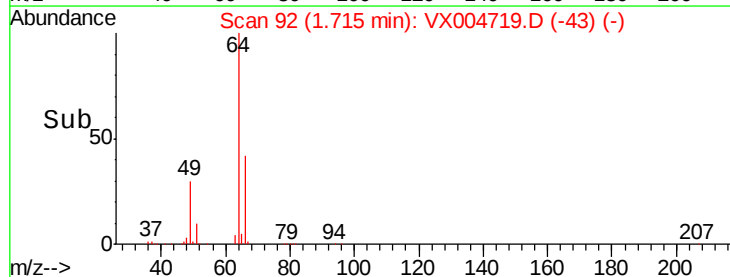
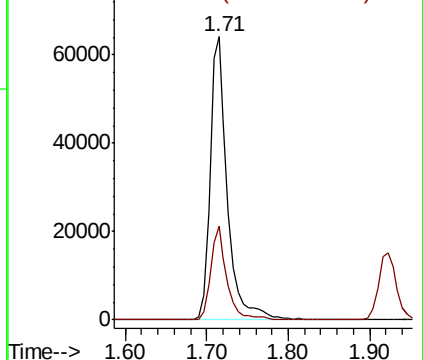
64 100

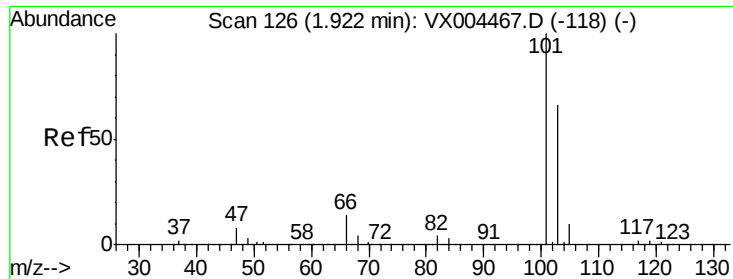
66 33.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 53.48 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

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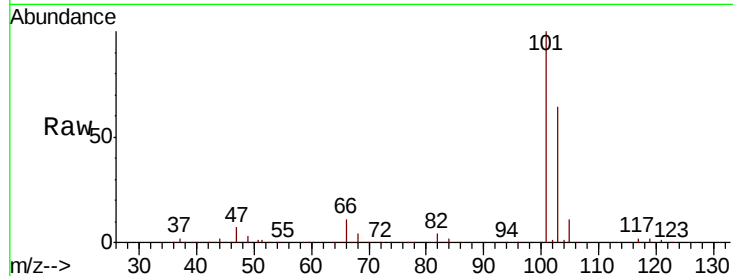
VSTDCCC050EC

Tot Ion:101 Resp: 201318

Ion Ratio Lower Upper

101 100

103 63.7 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

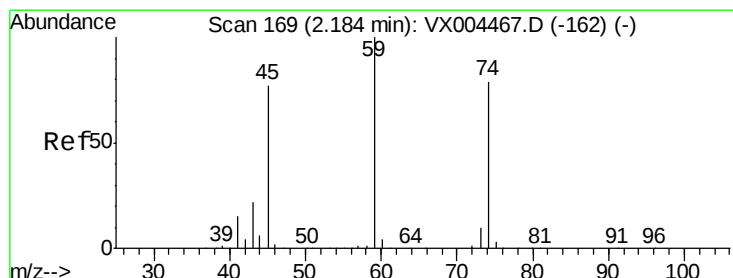
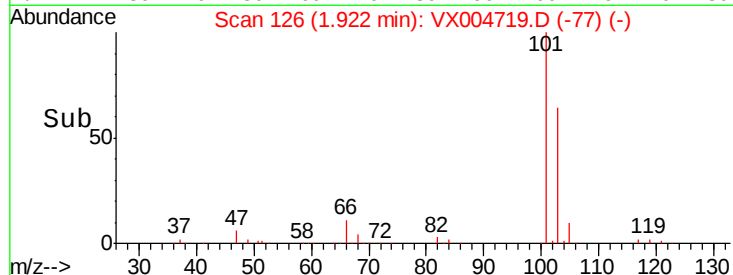
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 54.37 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX004719.D

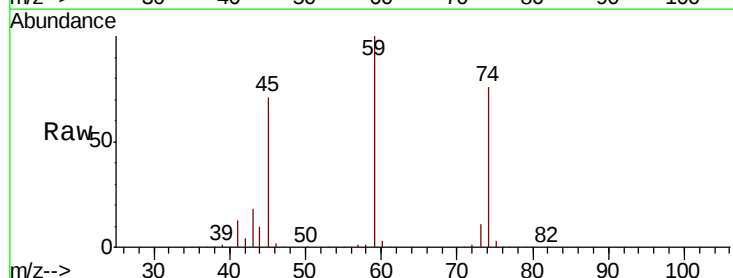
Acq: 19 Sep 2018 21:13

Tgt Ion: 74 Resp: 91753

Ion Ratio Lower Upper

74 100

45 98.2 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

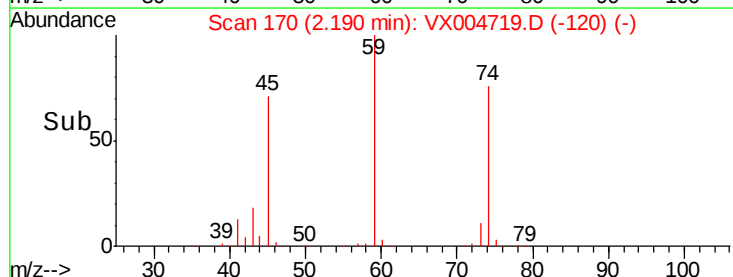
60000

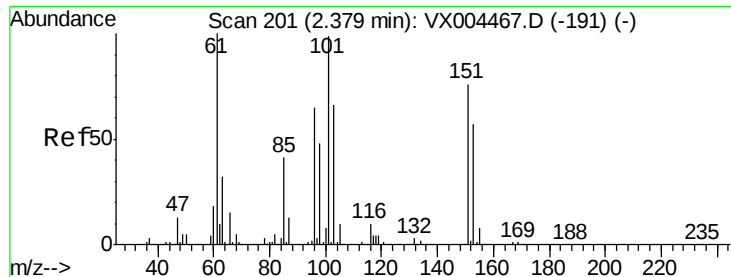
40000

20000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.41 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

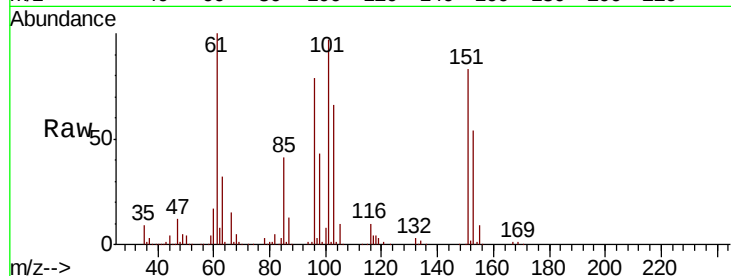
Tot Ion:101 Resp: 125142

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

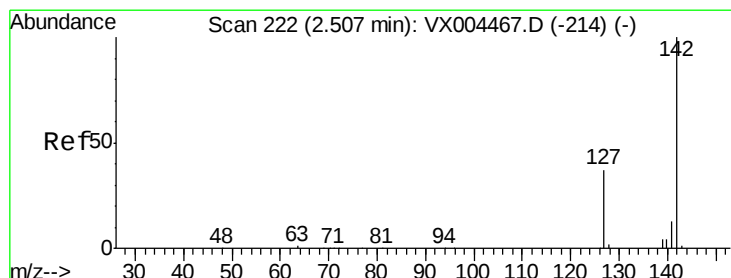
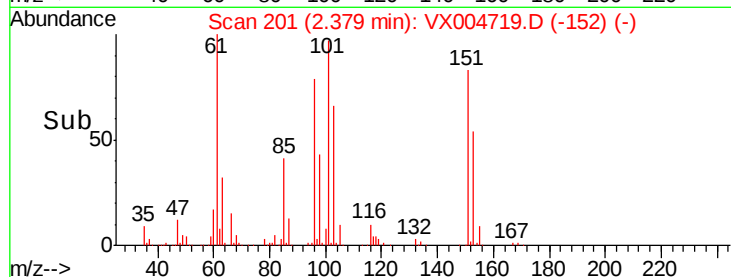
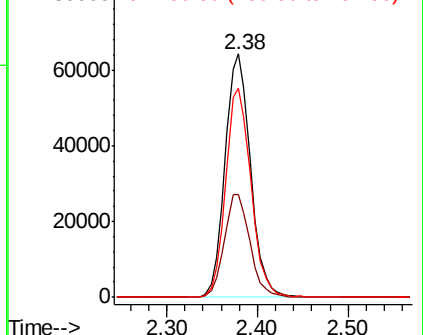
151 85.3 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.16 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

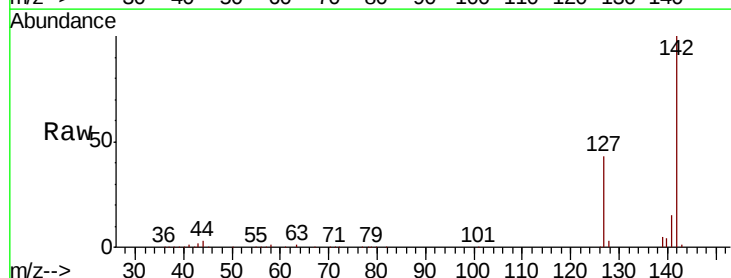
Tgt Ion:142 Resp: 140114

Ion Ratio Lower Upper

142 100

127 39.8 33.8 50.6

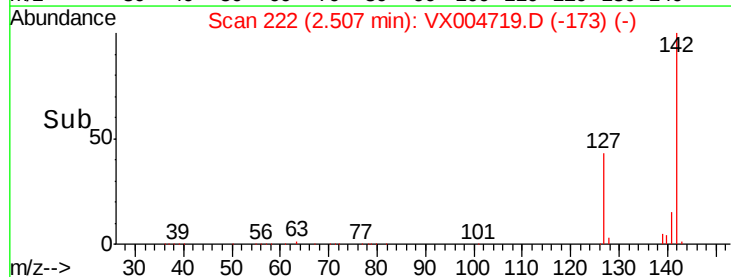
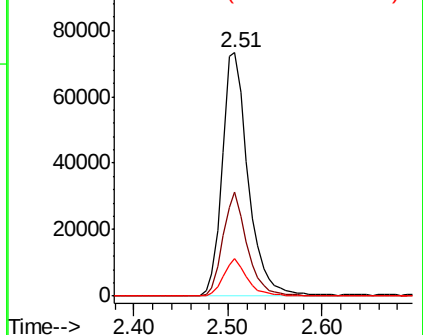
141 14.0 11.4 17.0

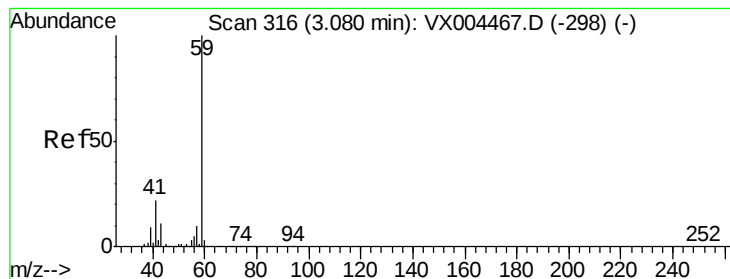


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



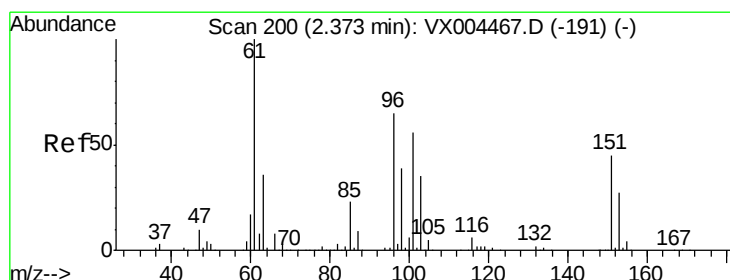
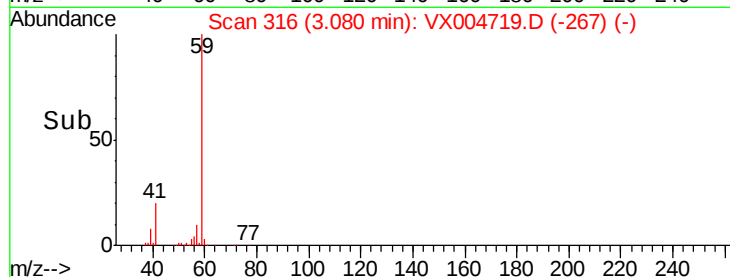
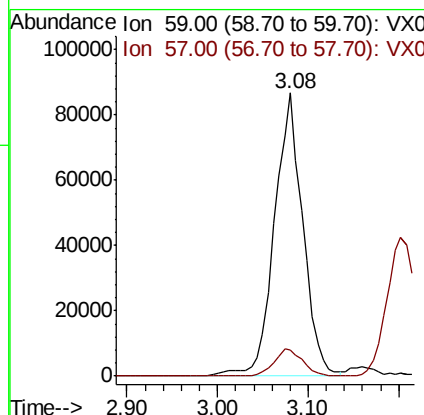
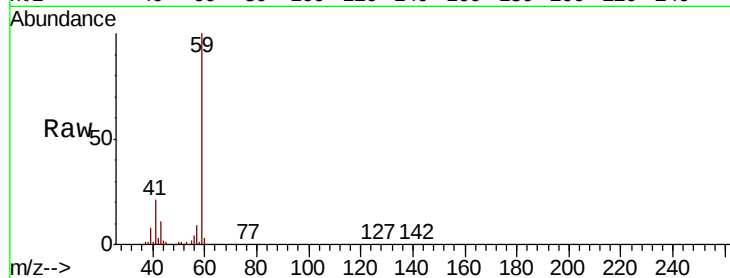


#11

Tert butyl alcohol
 Concen: 285.01 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

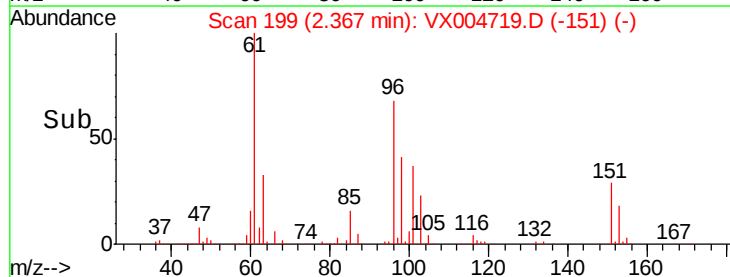
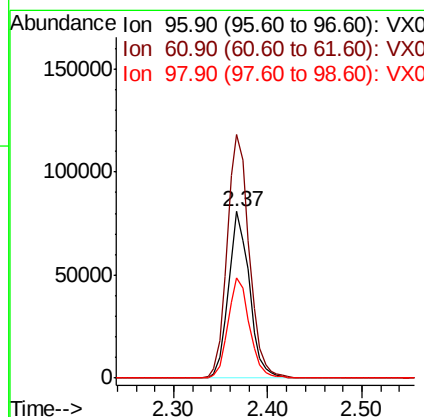
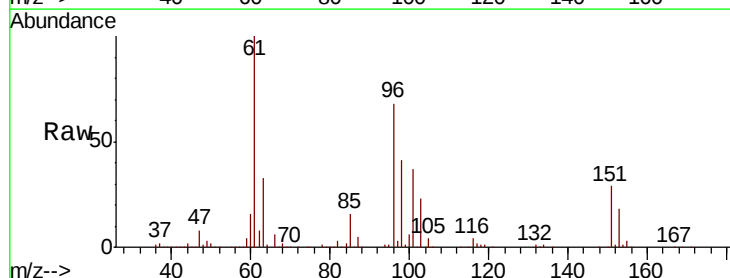
Tot Ion: 59 Resp: 188092
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

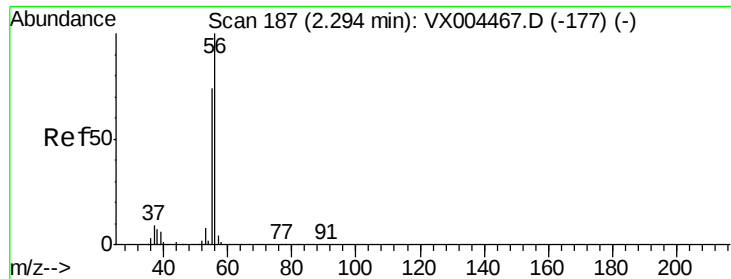


#12

1,1-Dichloroethene
 Concen: 55.61 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion: 96 Resp: 124635
 Ion Ratio Lower Upper
 96 100
 61 146.2 128.8 193.2
 98 60.0 52.2 78.2





#13

Acrolein

Concen: 198.63 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

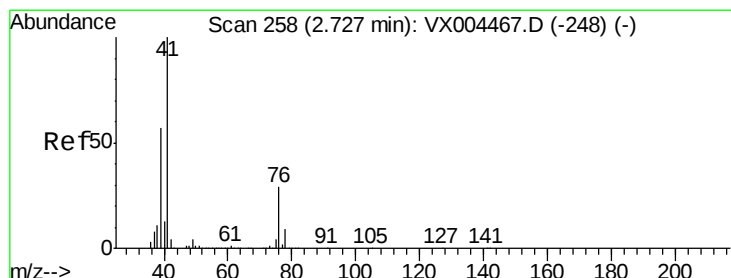
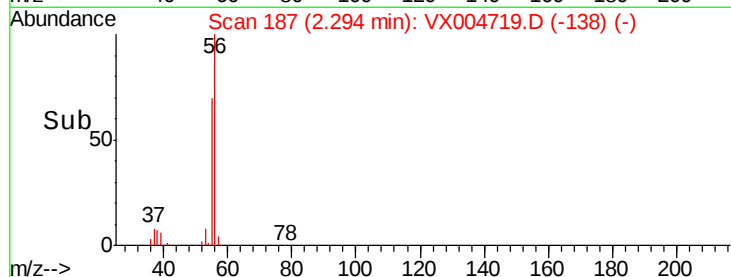
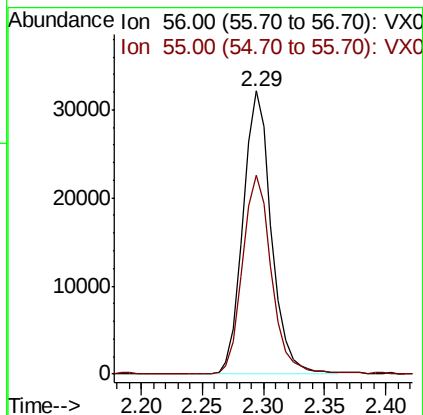
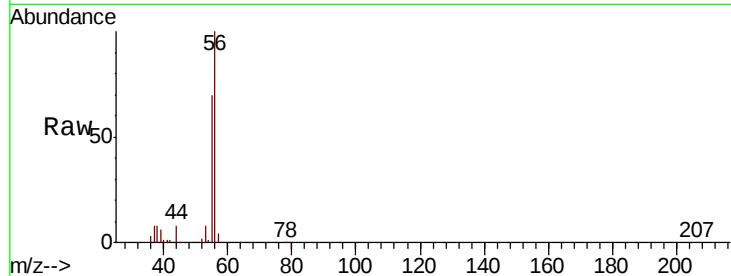
VSTDCCC050EC

Tot Ion: 56 Resp: 51744

Ion Ratio Lower Upper

56 100

55 72.3 54.7 82.1



#14

Allyl chloride

Concen: 52.44 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

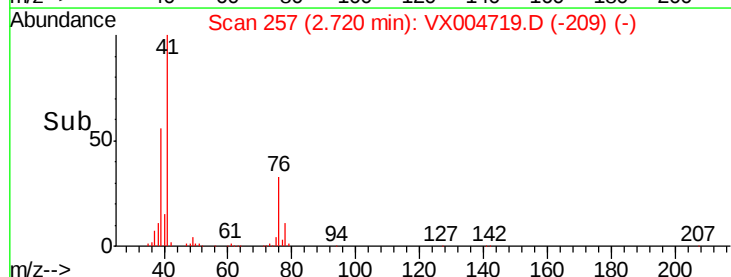
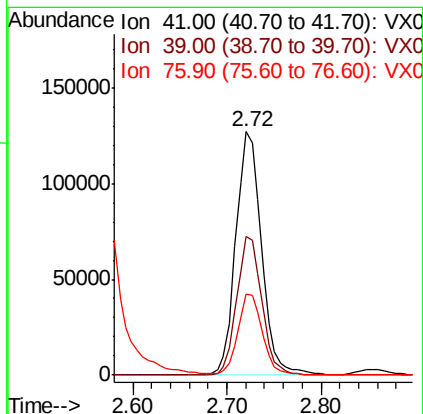
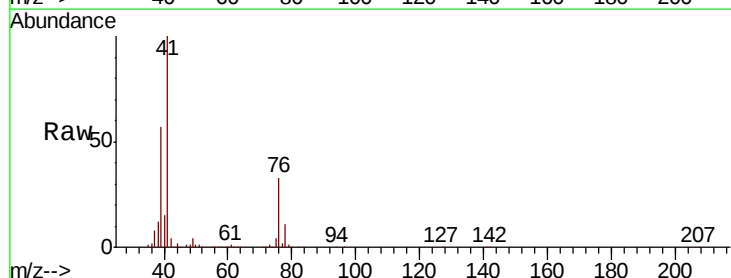
Tgt Ion: 41 Resp: 241606

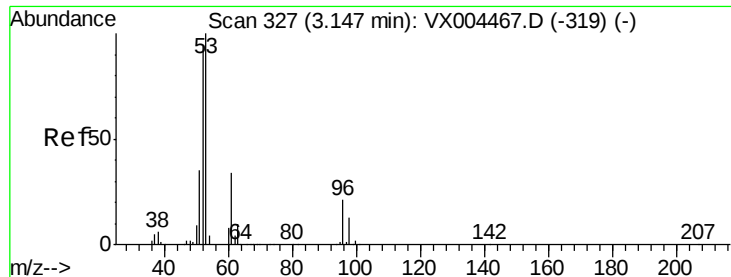
Ion Ratio Lower Upper

41 100

39 55.9 48.9 73.3

76 32.0 26.7 40.1





#15

Acrylonitrile

Concen: 277.06 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

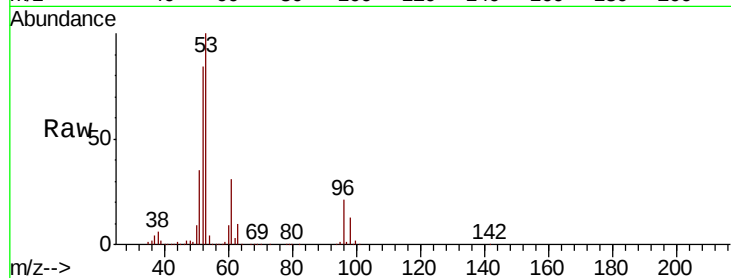
Tot Ion: 53 Resp: 440310

Ion Ratio Lower Upper

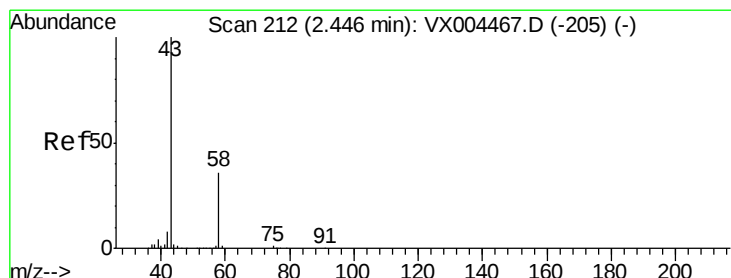
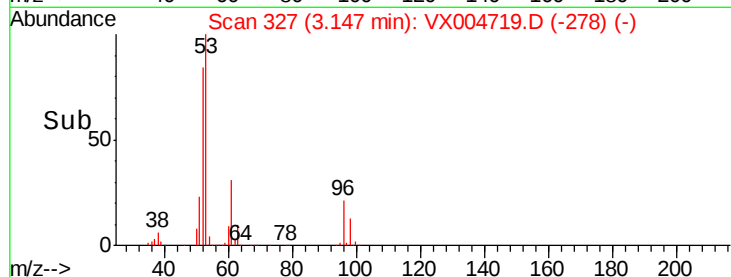
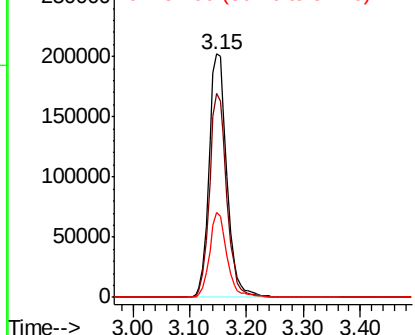
53 100

52 81.3 65.2 97.8

51 33.7 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 244.48 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004719.D

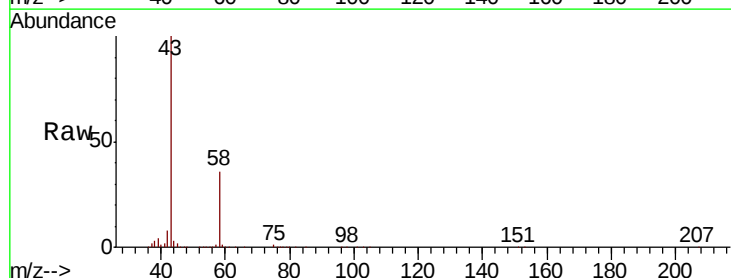
Acq: 19 Sep 2018 21:13

Tgt Ion: 43 Resp: 330023

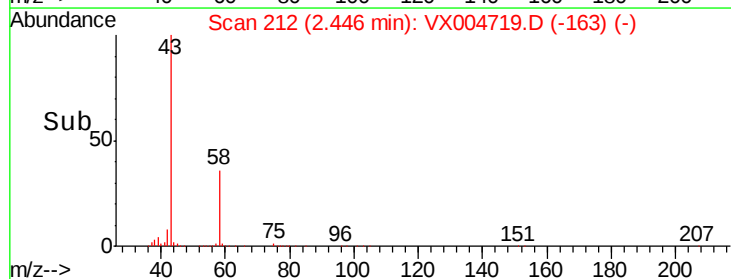
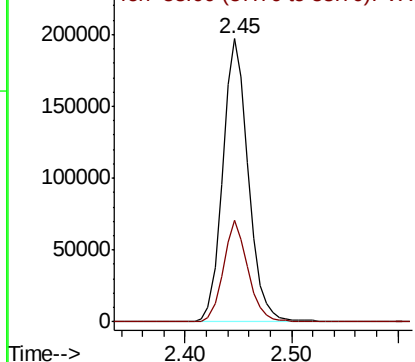
Ion Ratio Lower Upper

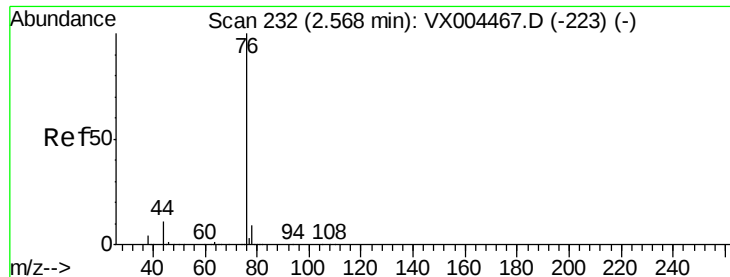
43 100

58 35.9 26.2 39.4



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

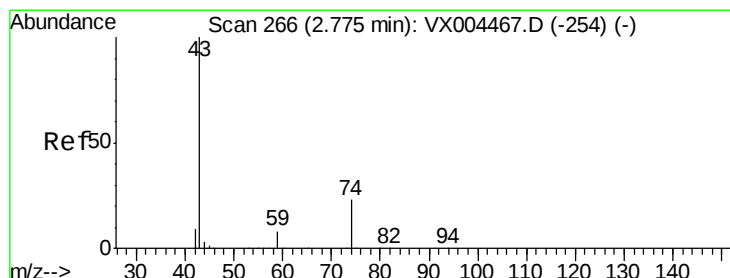
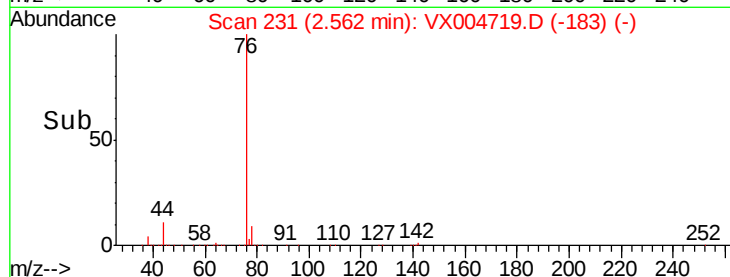
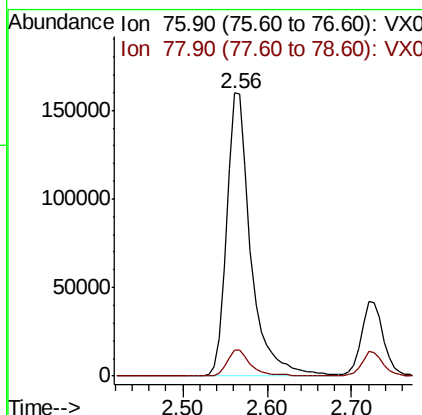
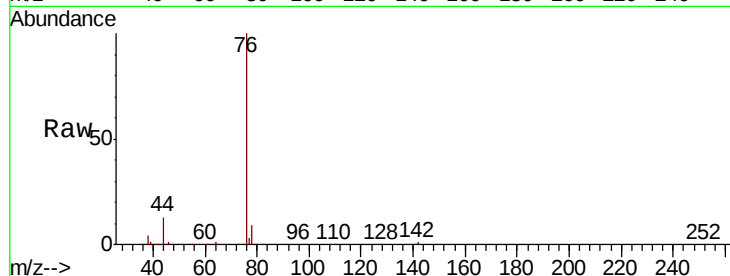




#17
Carbon Disulfide
Concen: 48.34 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

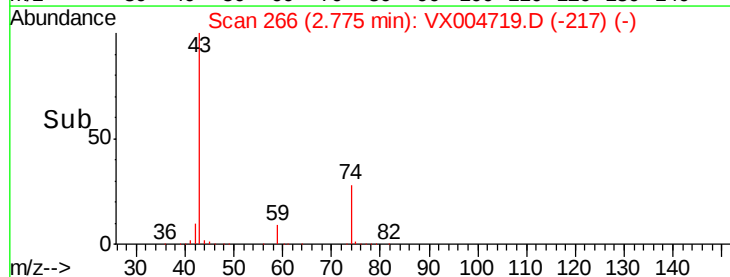
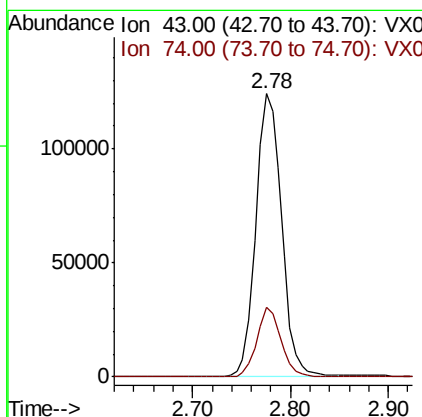
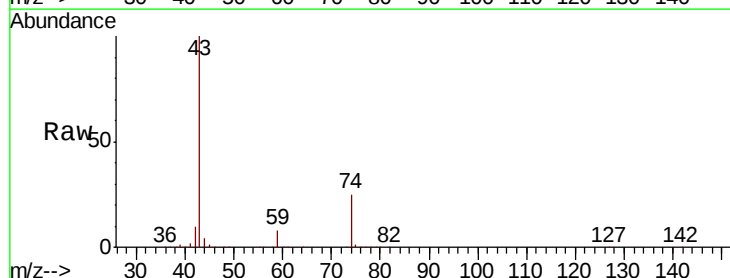
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

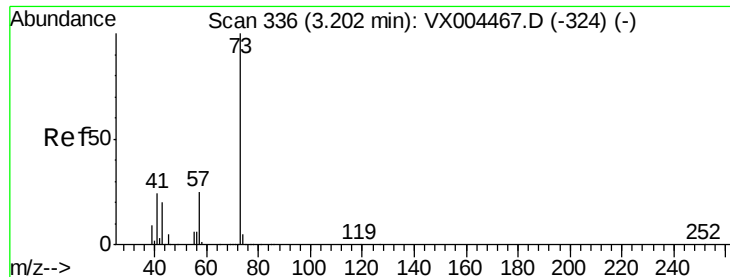
Tot Ion: 76 Resp: 313179
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 60.24 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion: 43 Resp: 228143
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



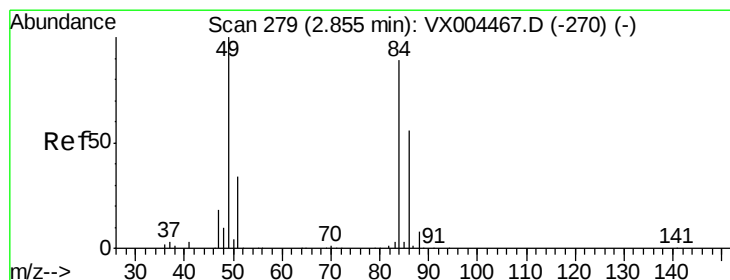
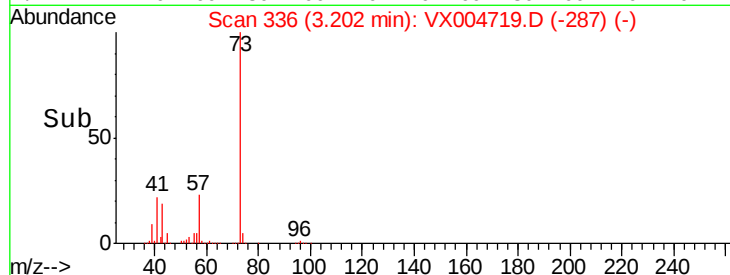
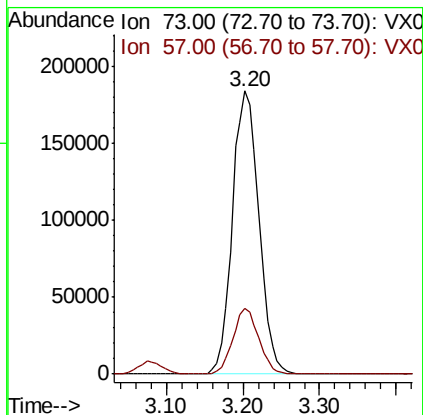
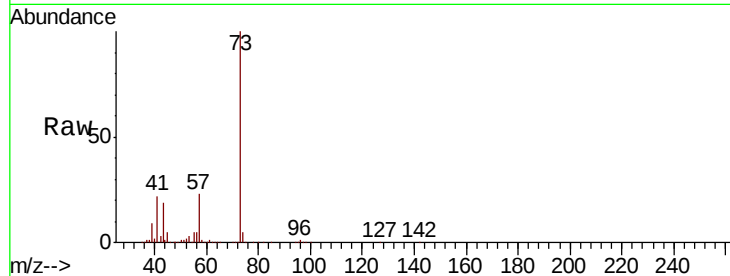


#19

Methyl tert-butyl Ether
 Concen: 56.13 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

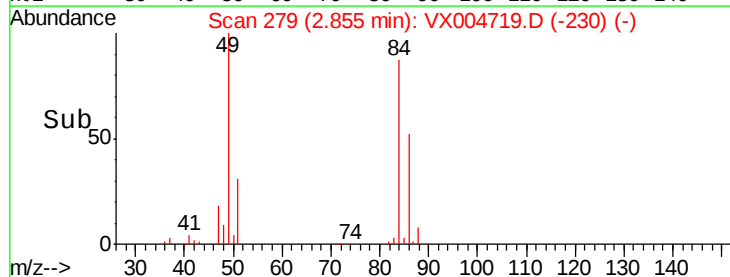
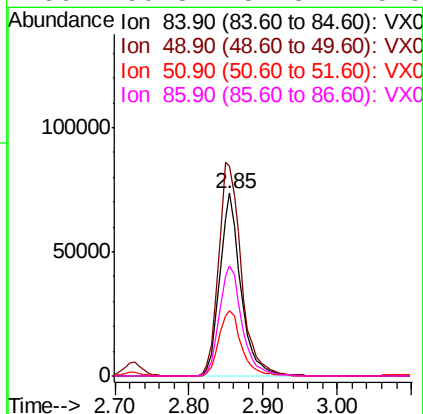
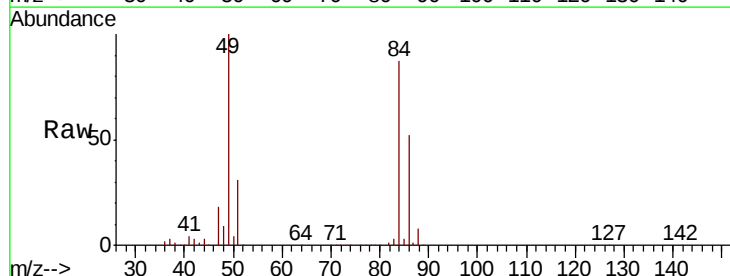
Tot Ion: 73 Resp: 441382
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.1 25.7



#20

Methylene Chloride
 Concen: 52.16 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion: 84 Resp: 144426
 Ion Ratio Lower Upper
 84 100
 49 114.4 101.2 151.8
 51 35.9 29.5 44.3
 86 59.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.82 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

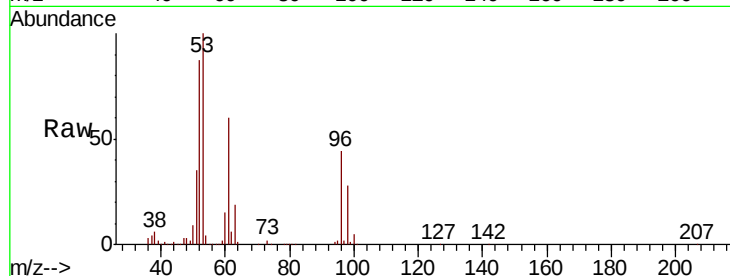
Tot Ion: 96 Resp: 130825

Ion Ratio Lower Upper

96 100

61 136.1 113.8 170.6

98 64.5 51.8 77.8

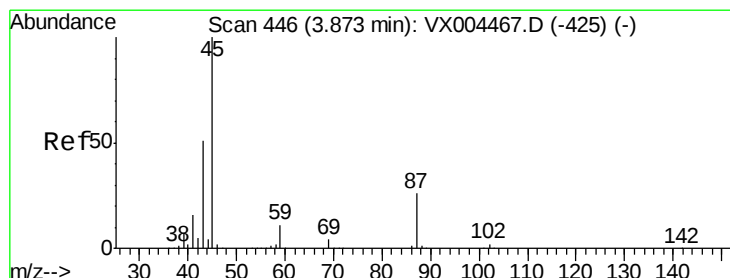
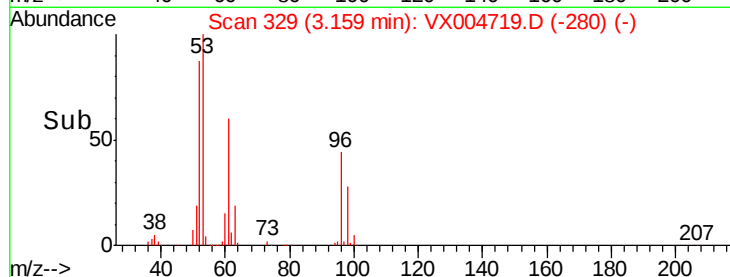
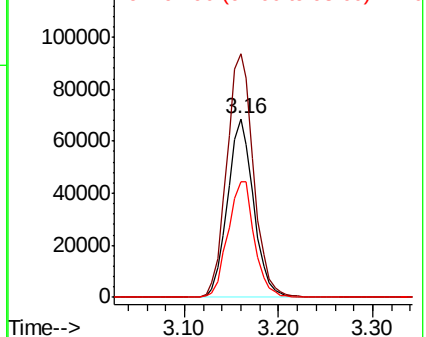


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.00 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Tgt Ion: 45 Resp: 456415

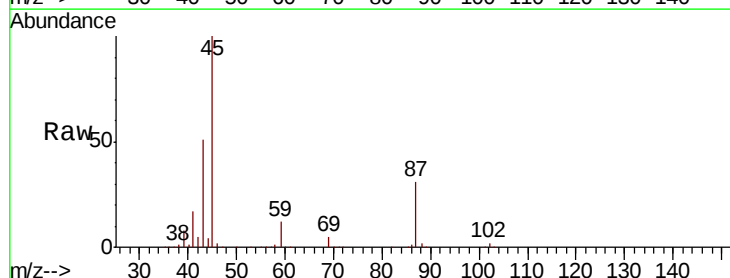
Ion Ratio Lower Upper

45 100

43 50.8 42.8 64.2

87 31.5 22.6 34.0

59 11.7 9.6 14.4



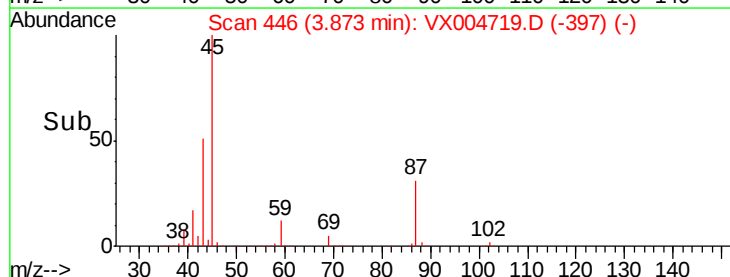
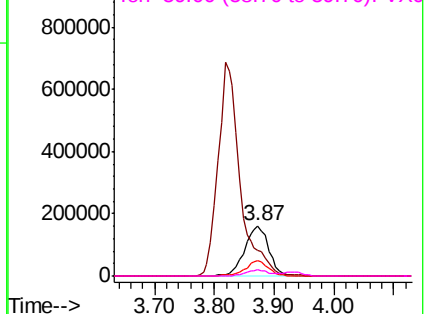
Abundance

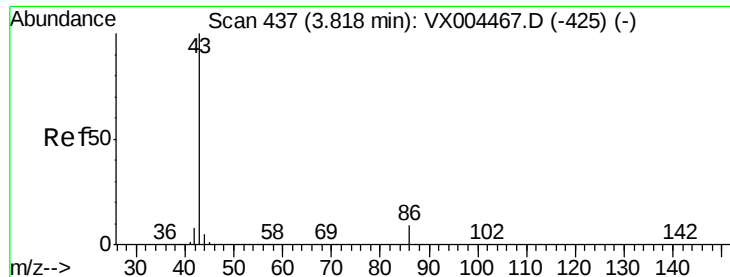
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 263.90 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

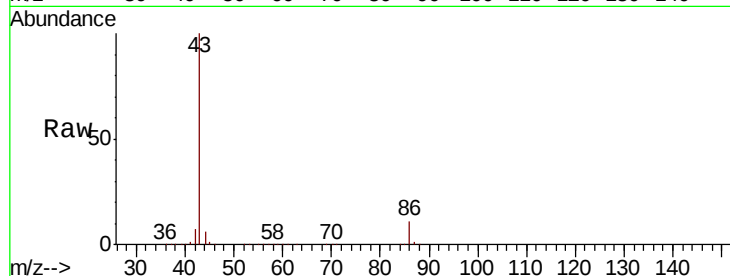
VSTDCCC050EC

Tot Ion: 43 Resp: 1772276

Ion Ratio Lower Upper

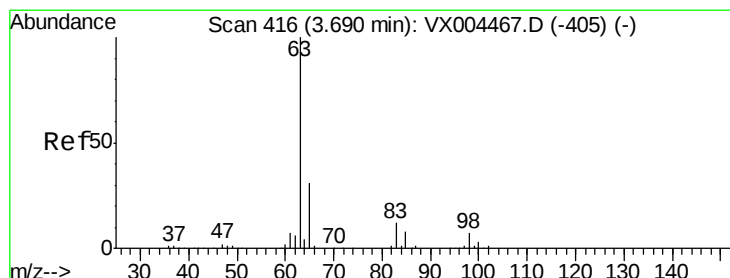
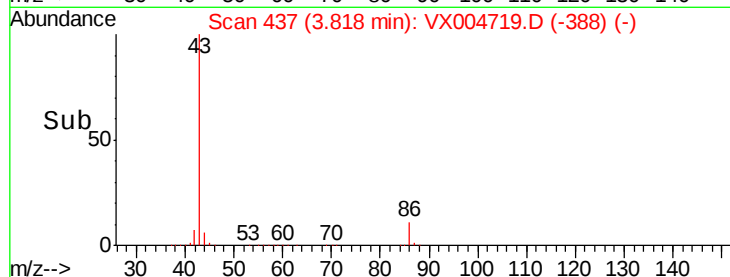
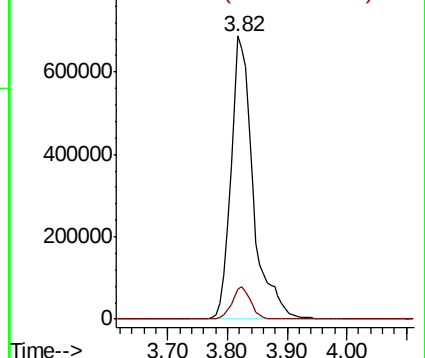
43 100

86 10.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.36 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

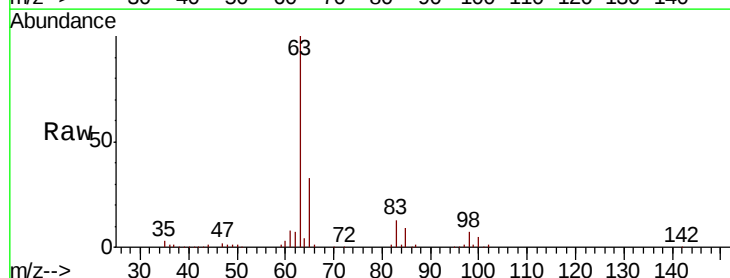
Tgt Ion: 63 Resp: 245307

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

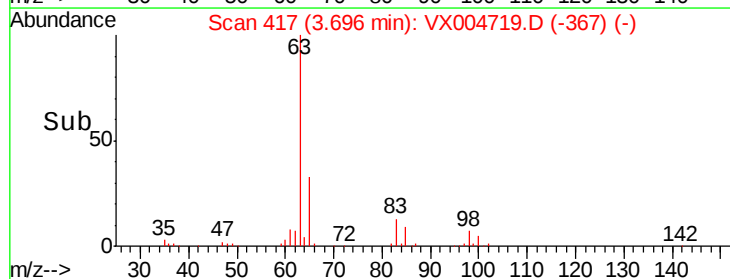
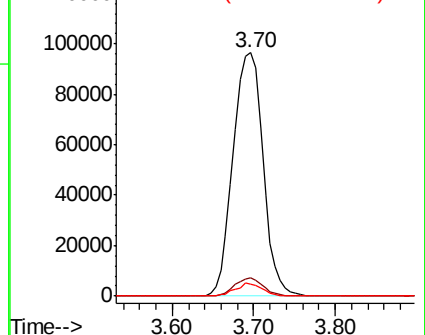
100 4.7 2.4 7.1

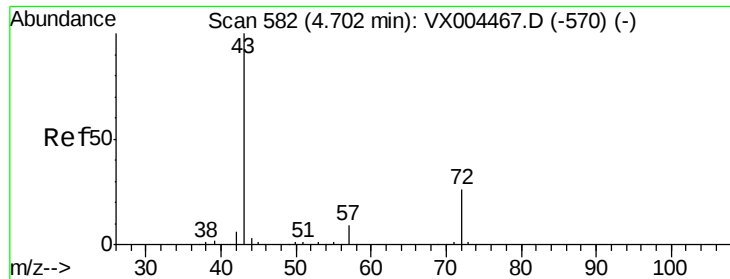


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 246.23 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

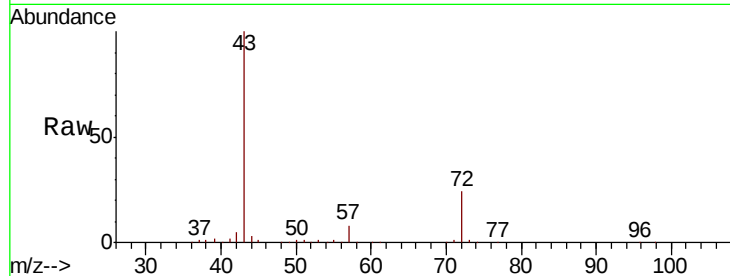
VSTDCCC050EC

Tot Ion: 43 Resp: 528991

Ion Ratio Lower Upper

43 100

72 24.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

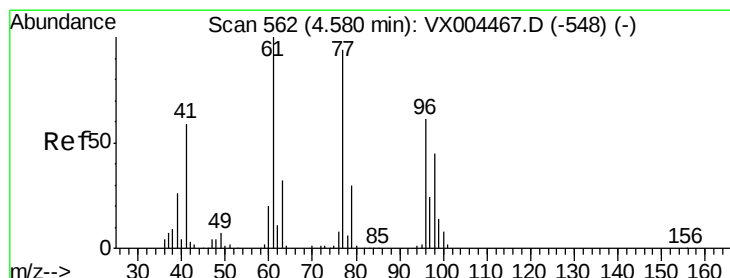
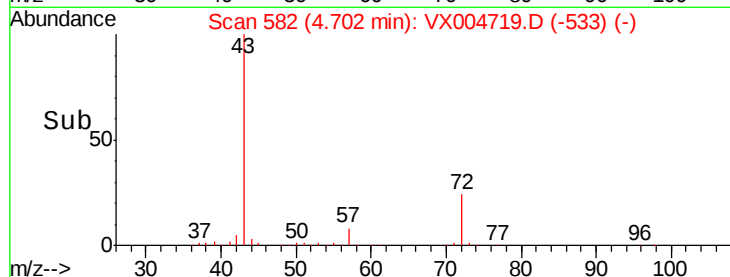
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.85 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004719.D

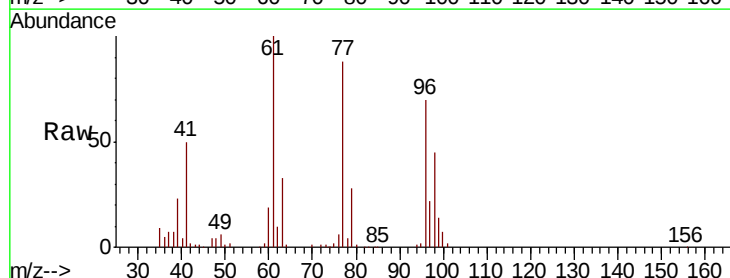
Acq: 19 Sep 2018 21:13

Tgt Ion: 77 Resp: 150769

Ion Ratio Lower Upper

77 100

97 25.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

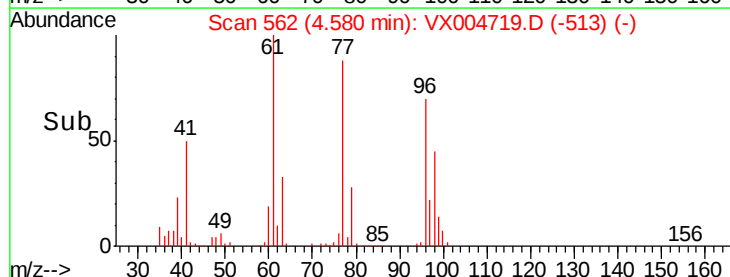
30000

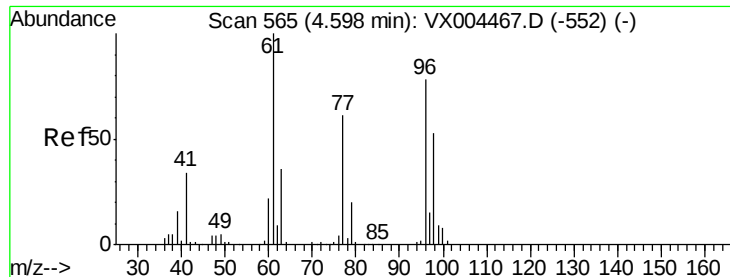
20000

10000

0

Time-->



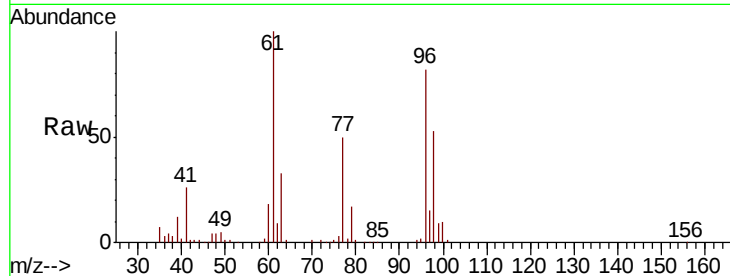


#27

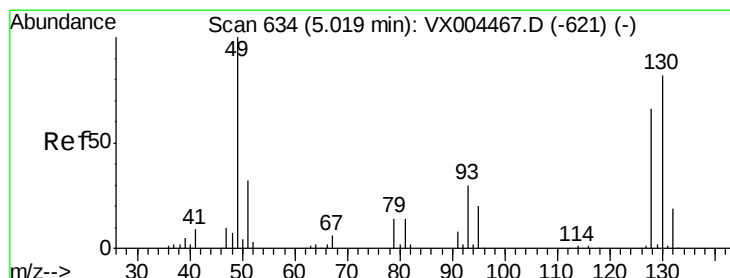
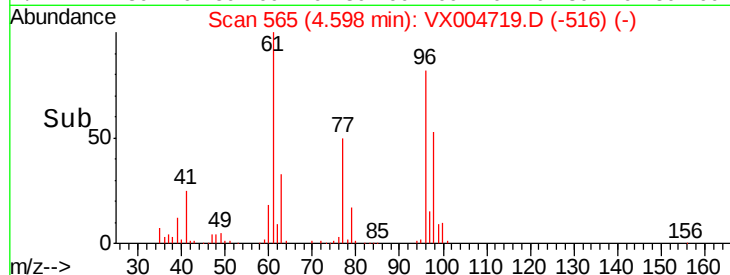
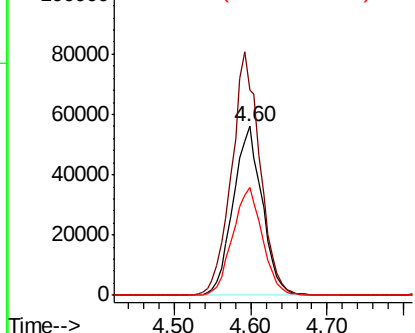
cis-1,2-Dichloroethene
Concen: 53.47 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 147829
Ion Ratio Lower Upper
96 100
61 141.2 0.0 282.6
98 65.2 0.0 130.2



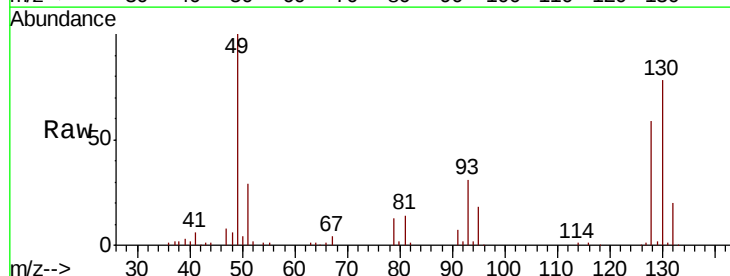
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



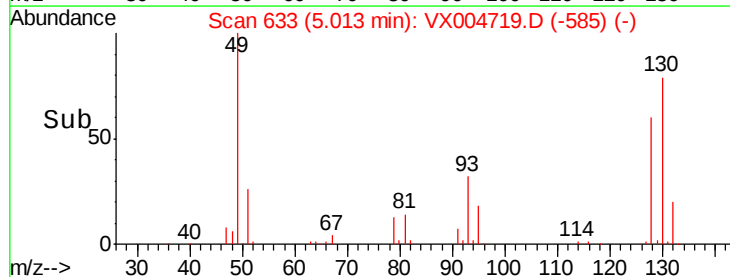
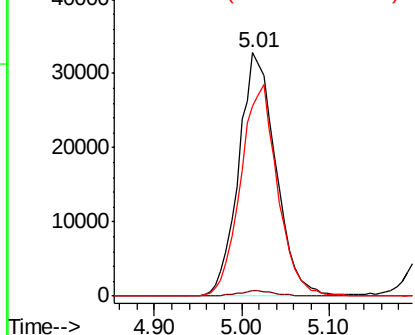
#28

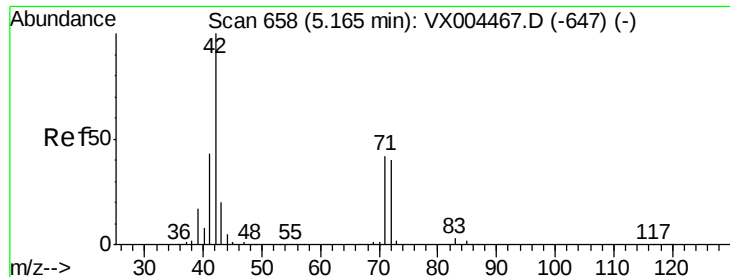
Bromochloromethane
Concen: 45.26 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion: 49 Resp: 97000
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 86.1 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

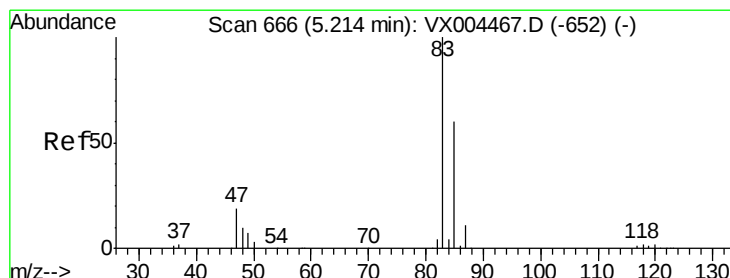
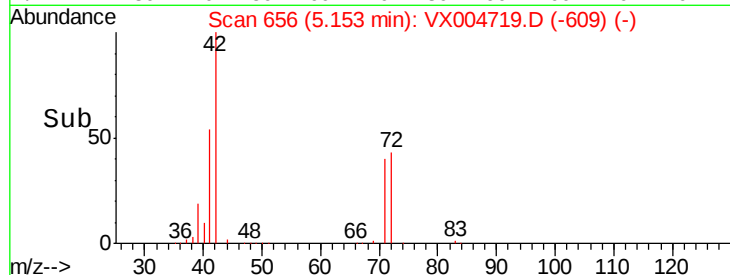
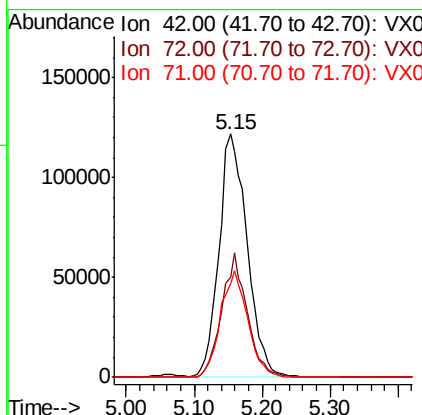
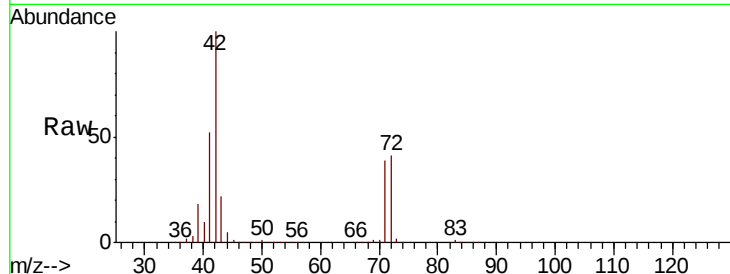




#29
Tetrahydrofuran
Concen: 267.82 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

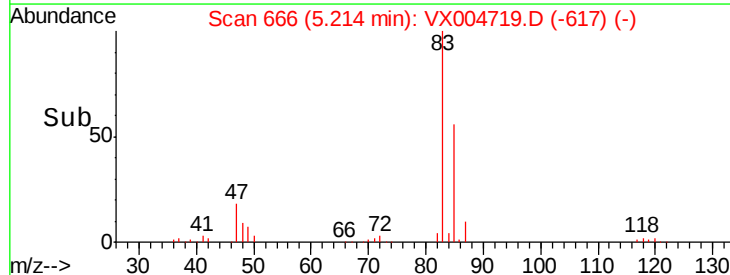
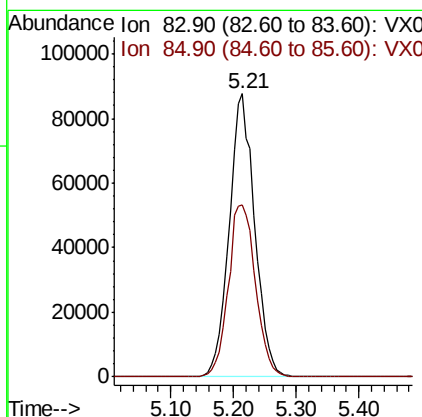
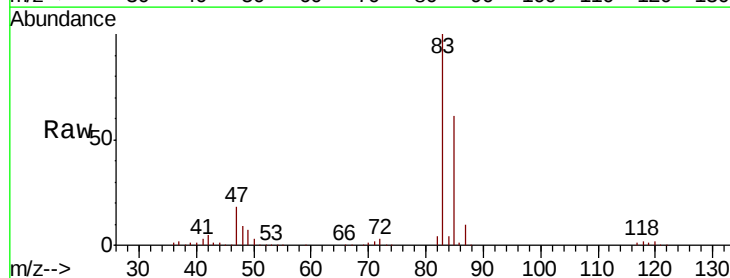
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

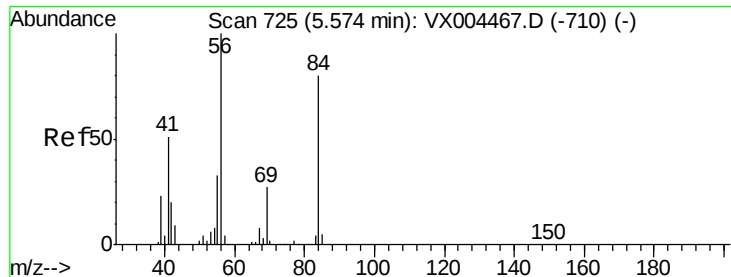
Tot Ion: 42 Resp: 346989
Ion Ratio Lower Upper
42 100
72 46.5 37.4 56.0
71 42.8 34.5 51.7



#30
Chloroform
Concen: 53.76 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion: 83 Resp: 245932
Ion Ratio Lower Upper
83 100
85 60.9 52.6 79.0

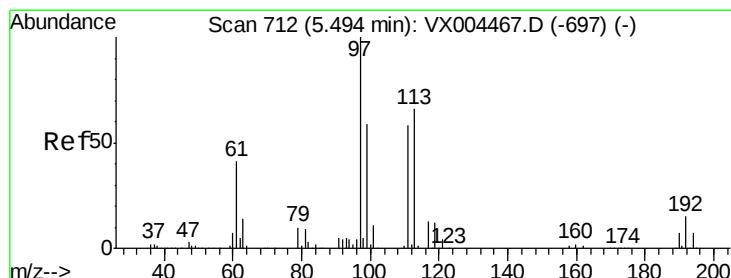
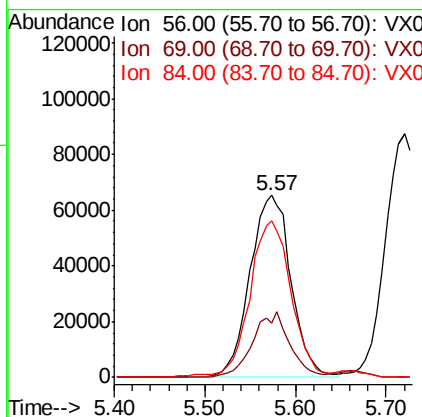
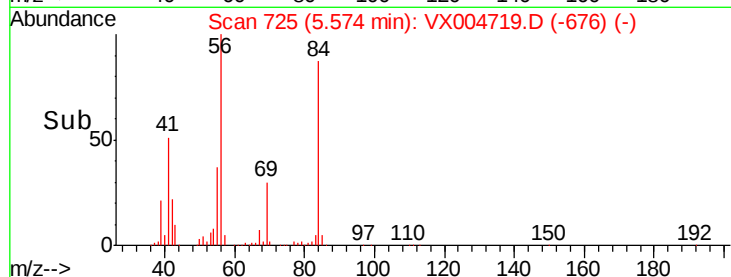
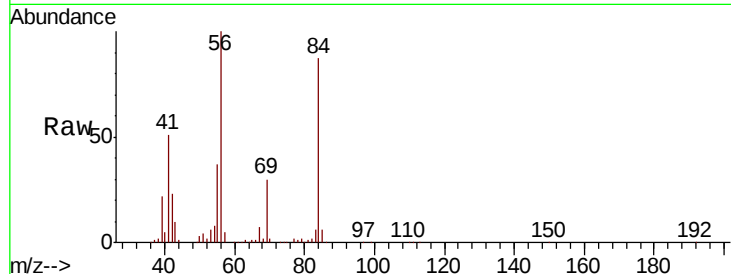




#31
Cyclohexane
Concen: 51.08 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

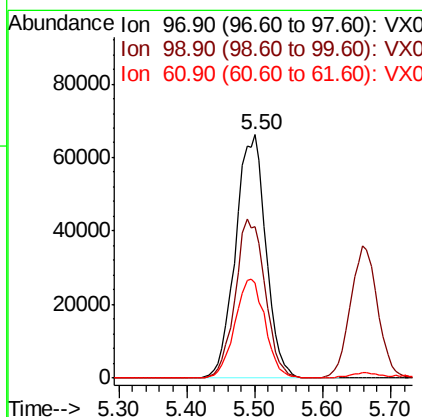
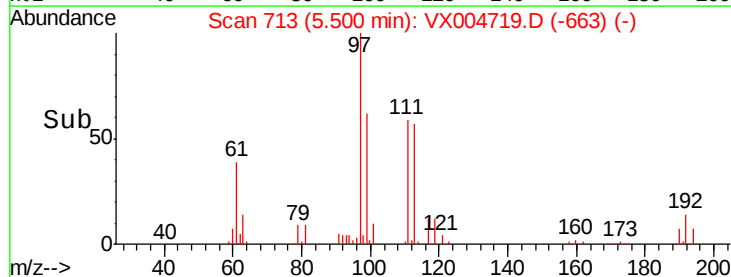
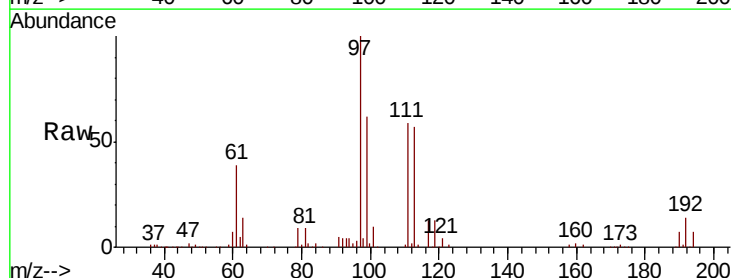
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 204371
Ion Ratio Lower Upper
56 100
69 29.9 25.4 38.2
84 85.4 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 55.44 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion: 97 Resp: 204235
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 40.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 43.29 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

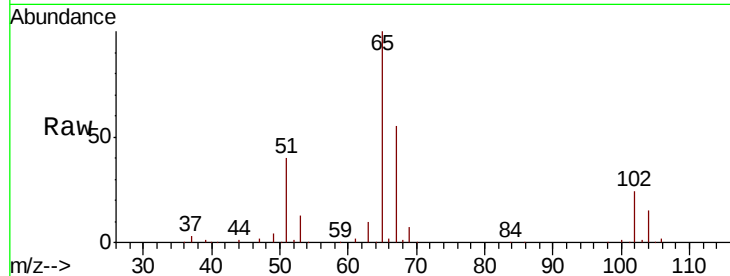
VSTDCCC050EC

Tot Ion: 65 Resp: 119725

Ion Ratio Lower Upper

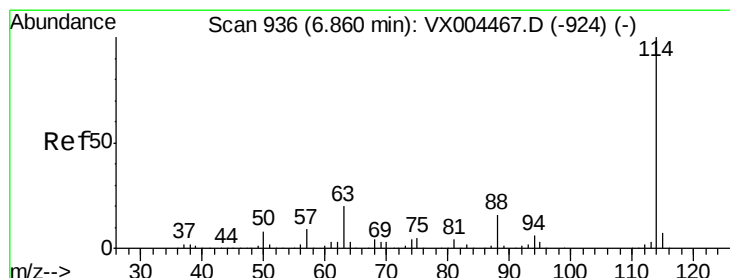
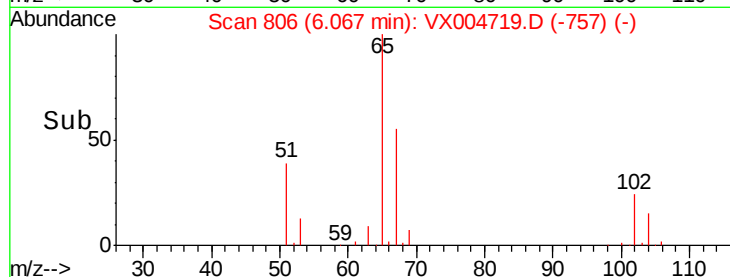
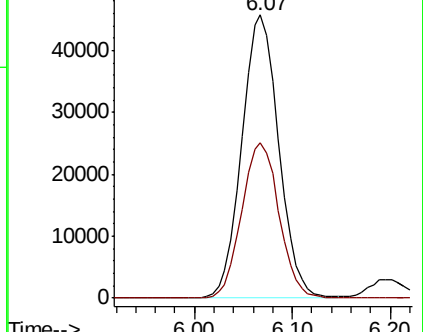
65 100

67 55.7 0.0 106.8



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: VX004719.D

Acq: 19 Sep 2018 21:13

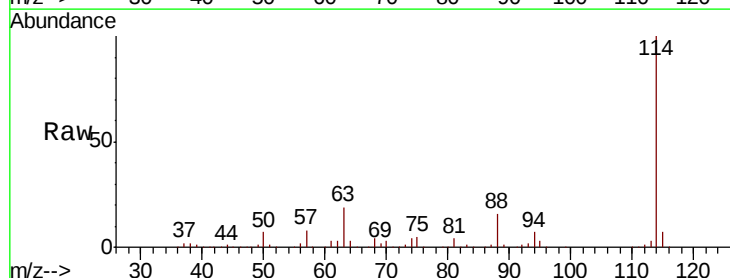
Tgt Ion: 114 Resp: 302416

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.0

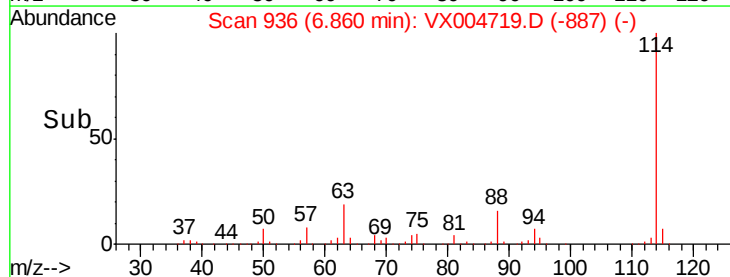
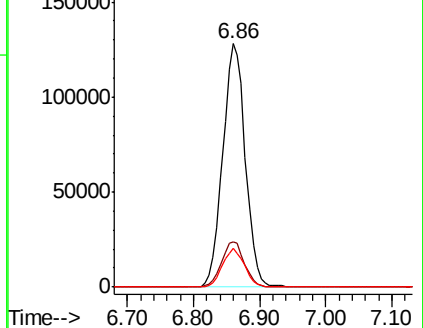
88 15.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

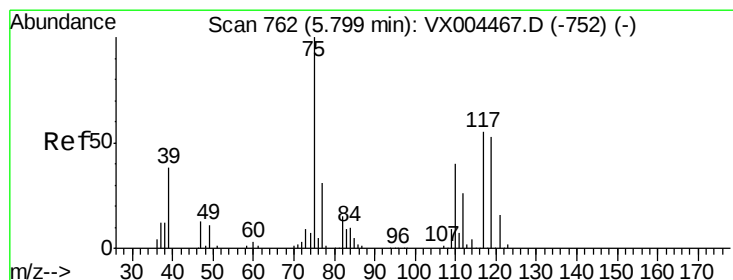
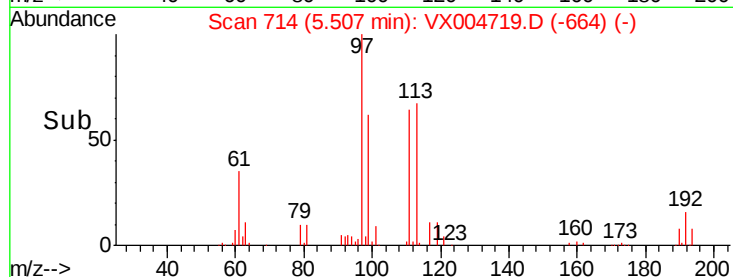
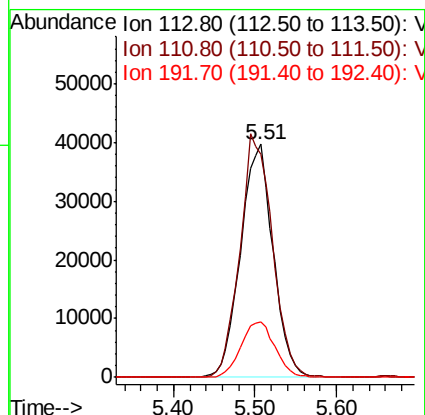
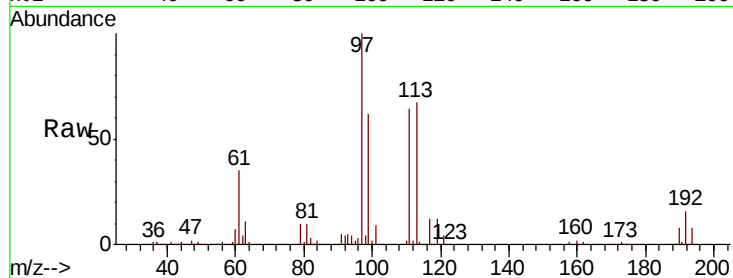




#35
 Dibromofluoromethane
 Concen: 39.71 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

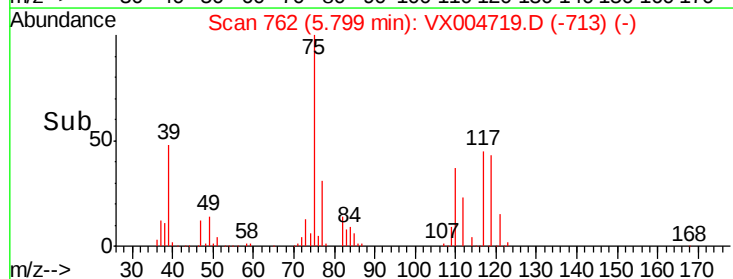
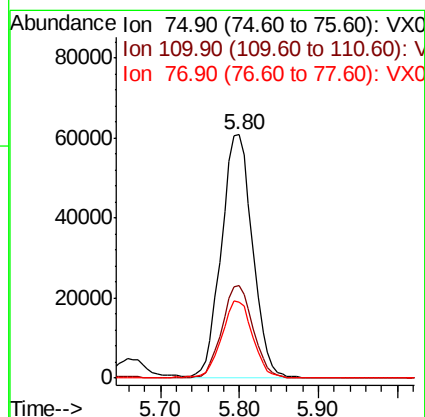
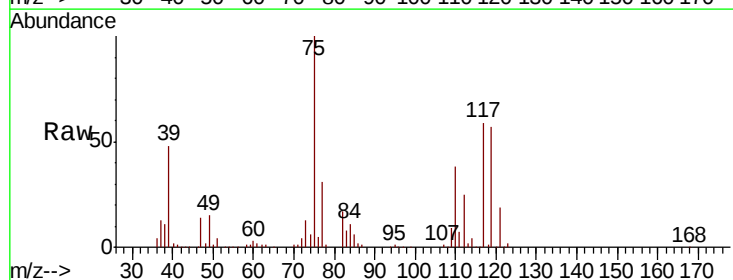
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

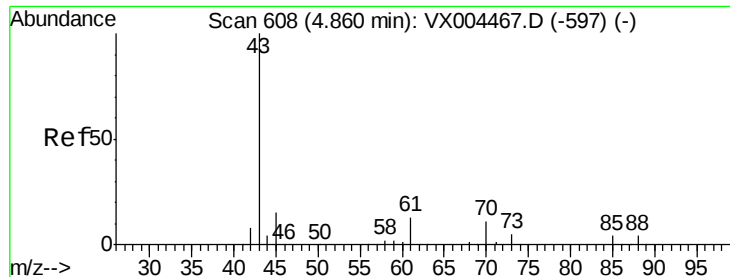
Tot Ion:113 Resp: 109897
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.4 123.6
 192 24.8 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 45.76 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion: 75 Resp: 168008
 Ion Ratio Lower Upper
 75 100
 110 37.8 18.0 54.0
 77 31.5 24.6 36.8





#37

Ethyl Acetate

Concen: 48.69 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

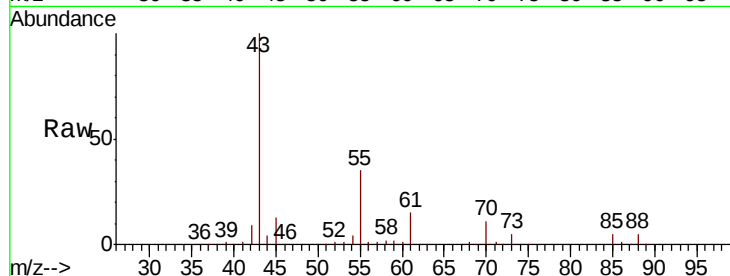
Tot Ion: 43 Resp: 203302

Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

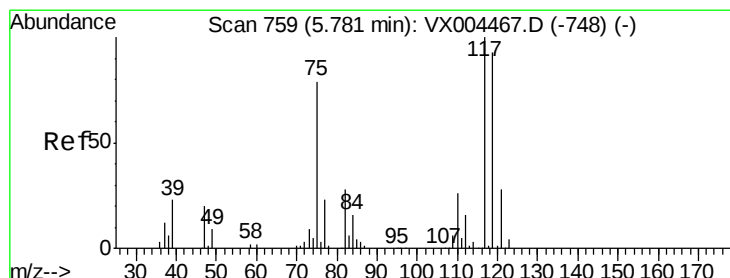
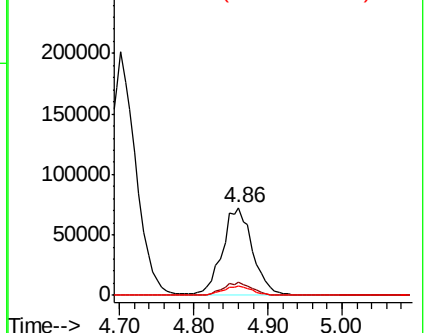
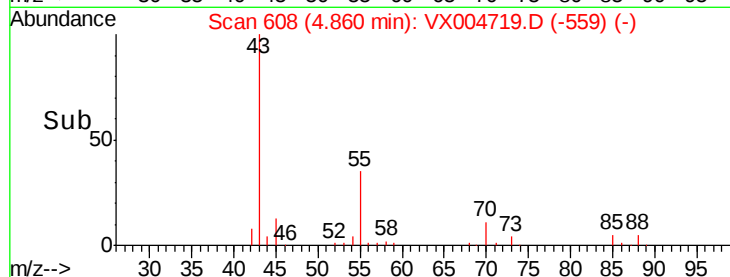
70 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.43 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

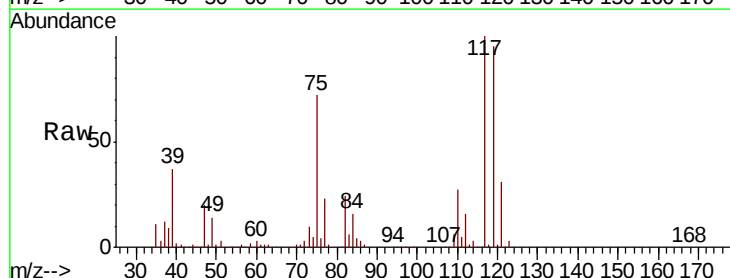
Tgt Ion: 117 Resp: 170075

Ion Ratio Lower Upper

117 100

119 95.0 78.8 118.2

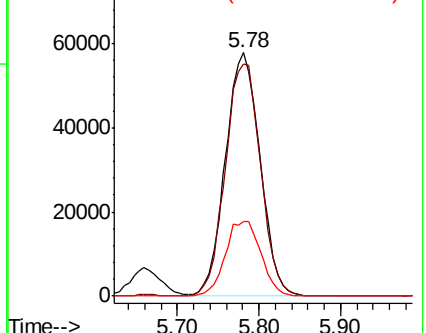
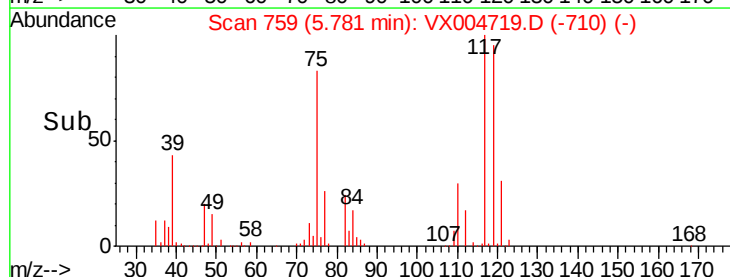
121 30.8 24.9 37.3

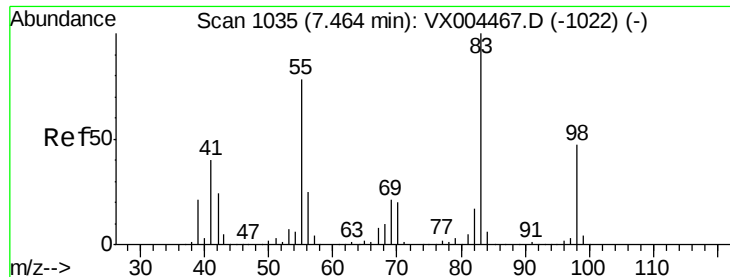


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

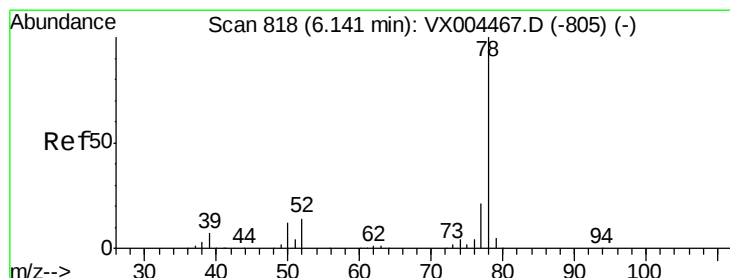
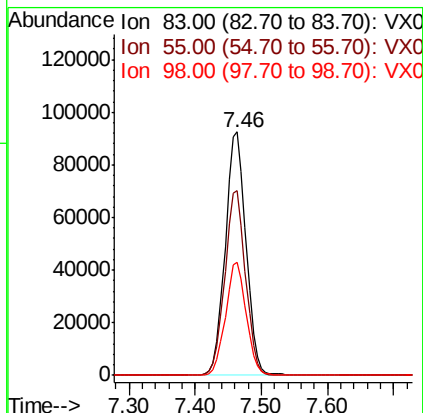
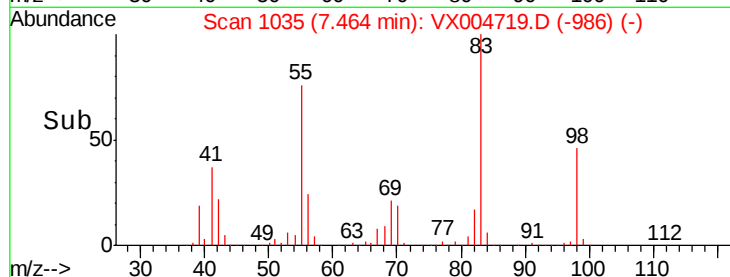
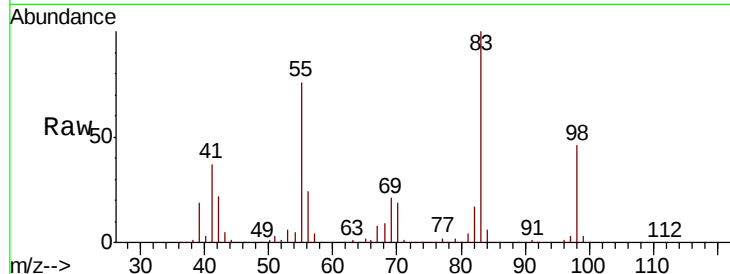




#39
Methvlcvclohexane
Concen: 52.60 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

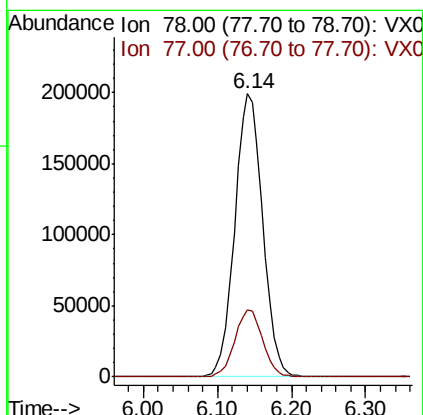
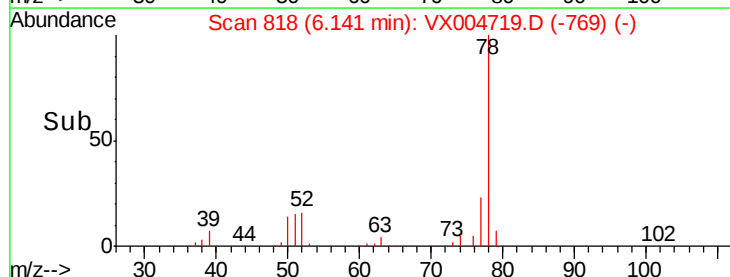
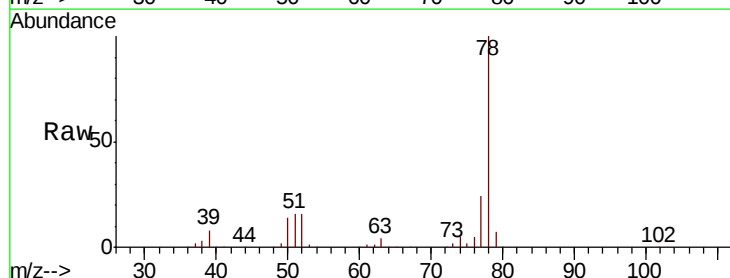
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 201538
Ion Ratio Lower Upper
83 100
55 75.8 61.0 91.4
98 46.3 39.6 59.4



#40
Benzene
Concen: 48.09 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion: 78 Resp: 523835
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41

Methacrylonitrile

Concen: 48.55 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 111708

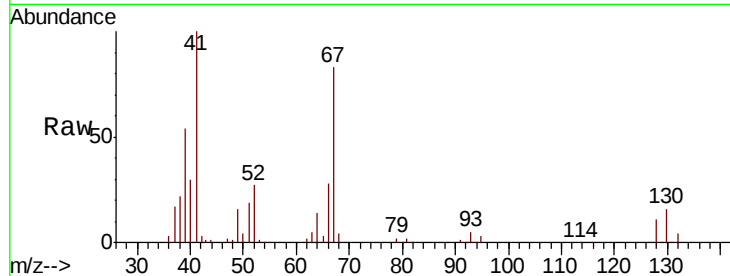
Ion Ratio Lower Upper

41 100

39 52.1 42.4 63.6

67 77.5 59.2 88.8

52 29.6 23.0 34.4

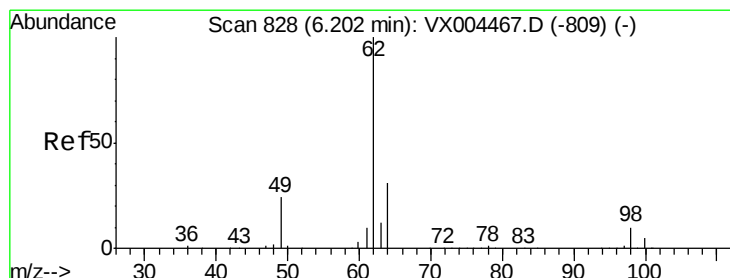
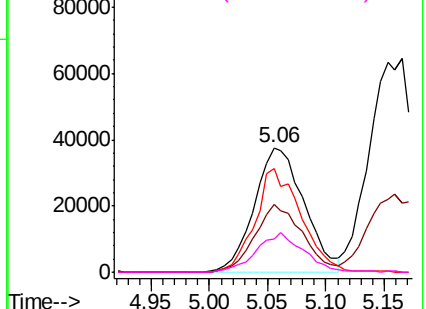
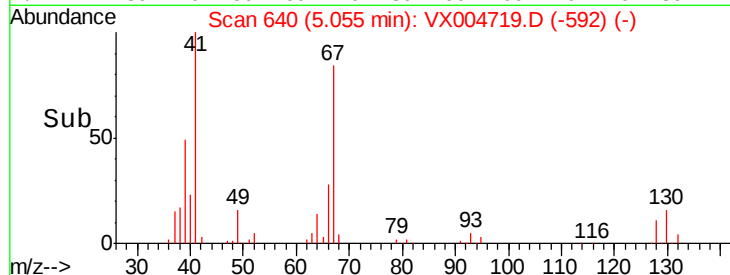


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.22 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004719.D

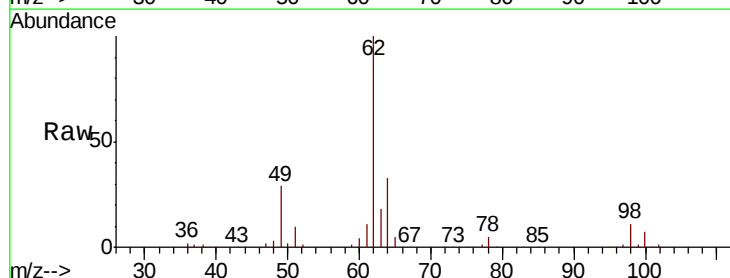
Acq: 19 Sep 2018 21:13

Tgt Ion: 62 Resp: 174230

Ion Ratio Lower Upper

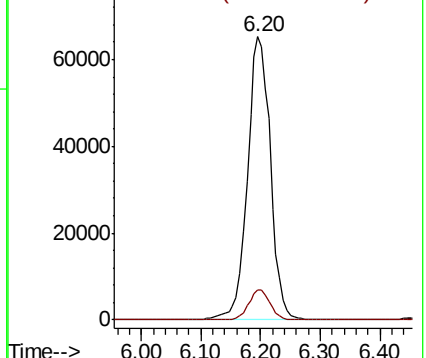
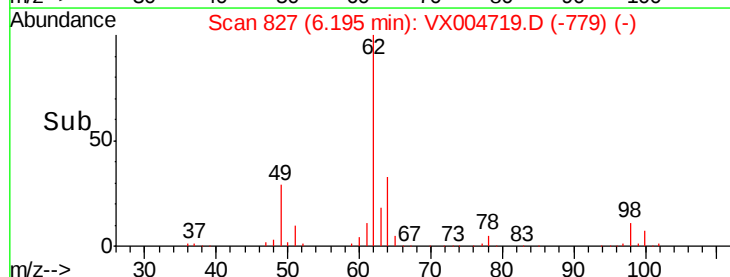
62 100

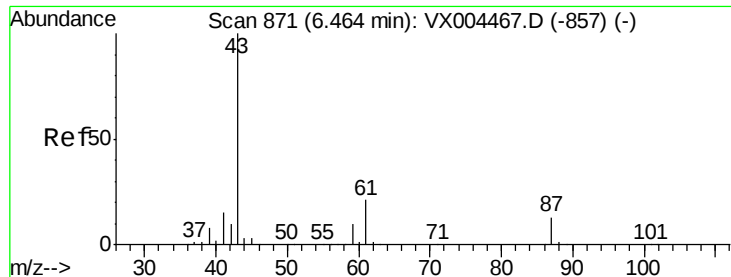
98 10.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



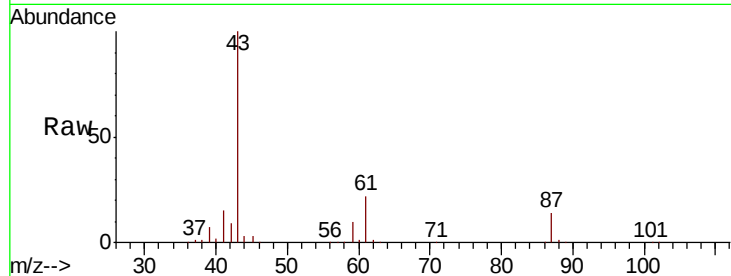


#43

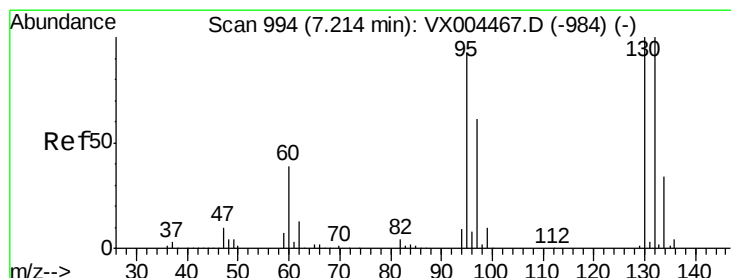
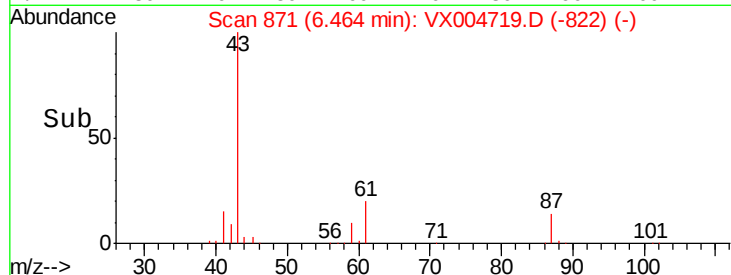
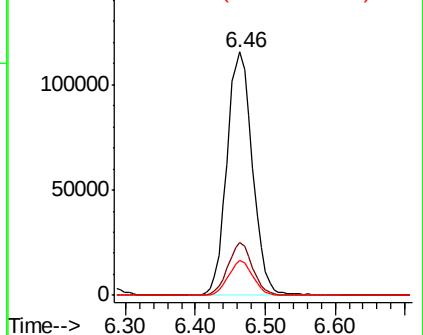
Isopropyl Acetate
 Concen: 52.90 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 293368
 Ion Ratio Lower Upper
 43 100
 61 21.0 17.0 25.4
 87 13.8 11.4 17.2



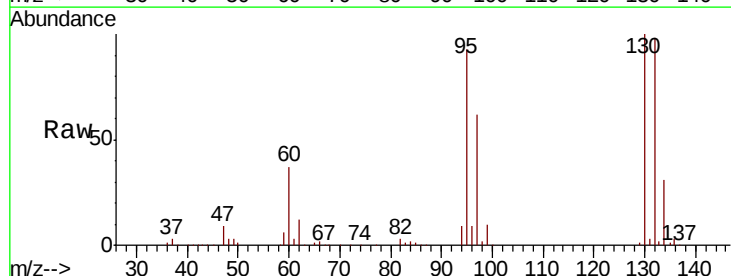
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



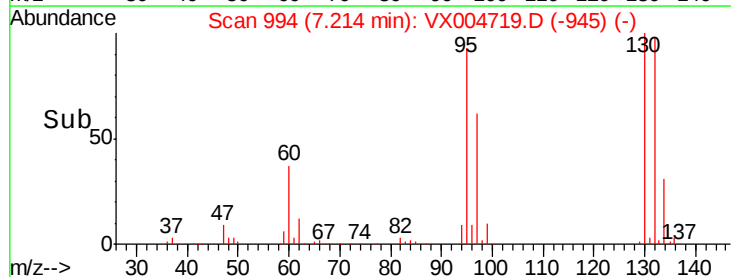
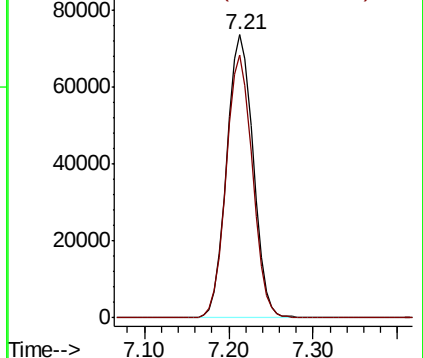
#44

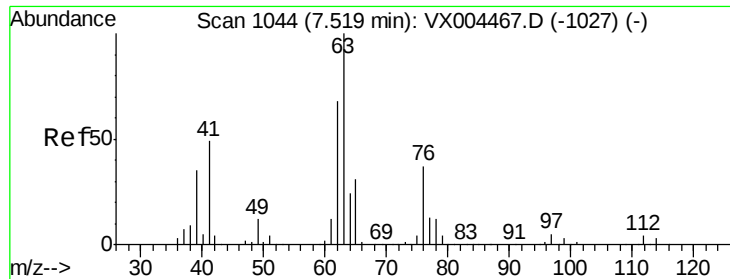
Trichloroethene
 Concen: 55.44 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion: 130 Resp: 156901
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 181.6



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





#45

1,2-Dichloropropane

Concen: 53.20 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

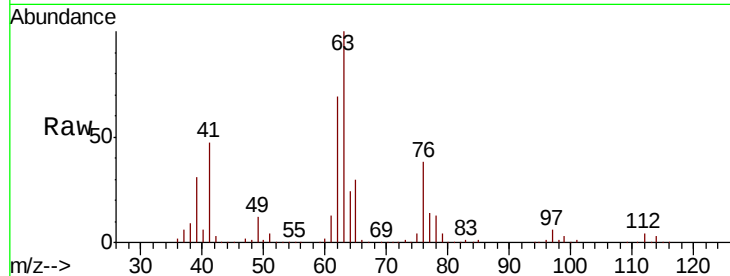
VSTDCCC050EC

Tot Ion: 63 Resp: 139438

Ion Ratio Lower Upper

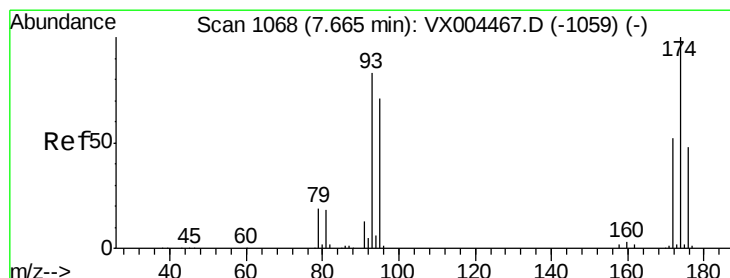
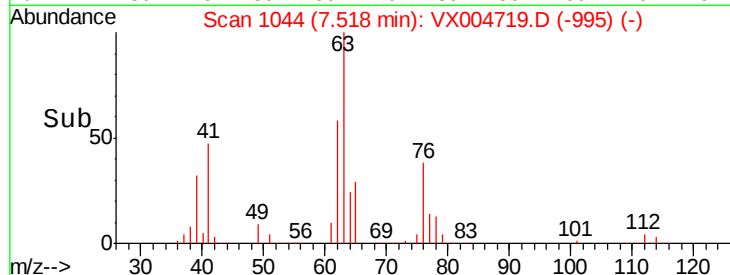
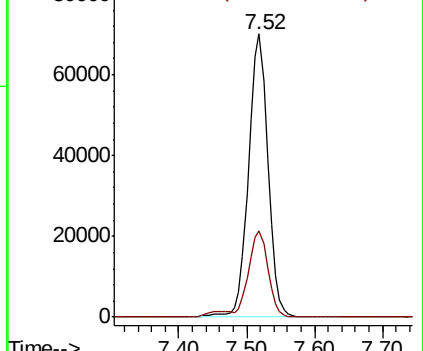
63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.82 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

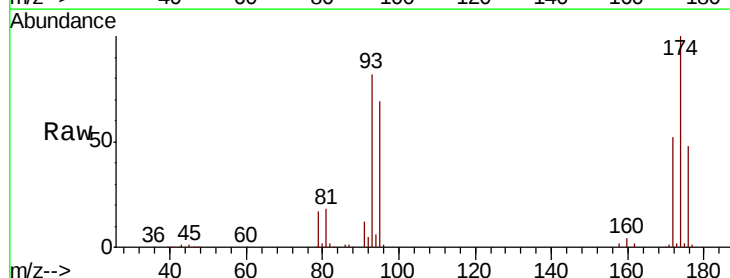
Tgt Ion: 93 Resp: 89128

Ion Ratio Lower Upper

93 100

95 83.8 65.5 98.3

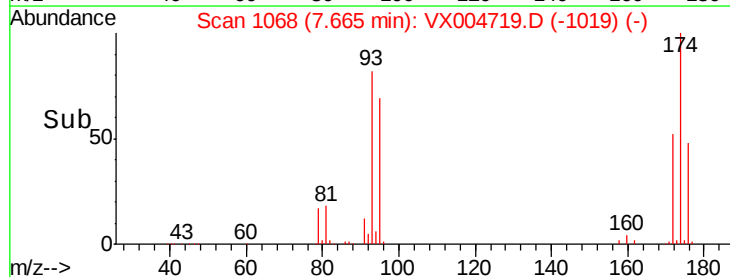
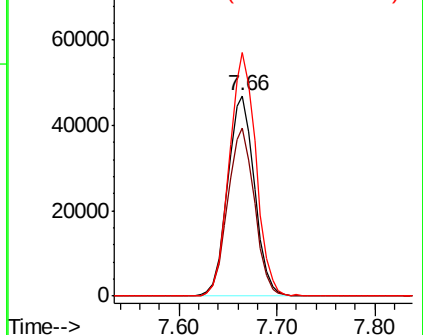
174 120.8 94.2 141.4

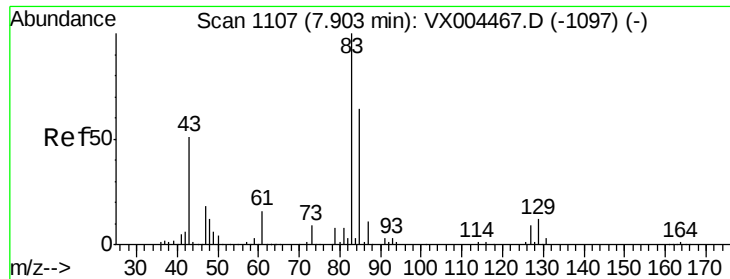


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.22 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

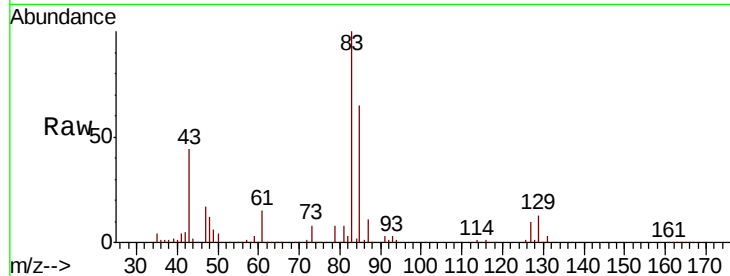
Tot Ion: 83 Resp: 169803

Ion Ratio Lower Upper

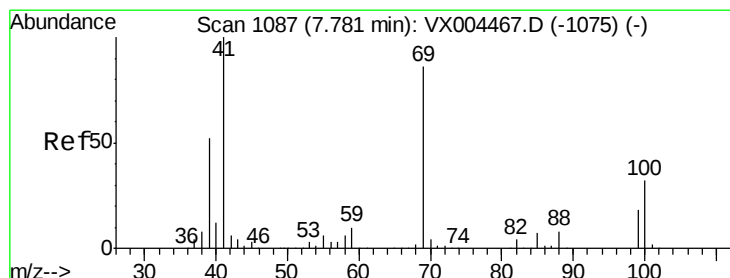
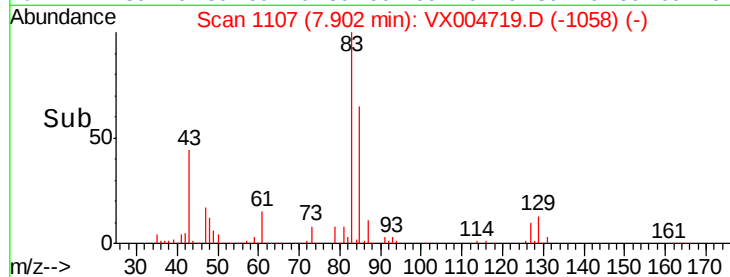
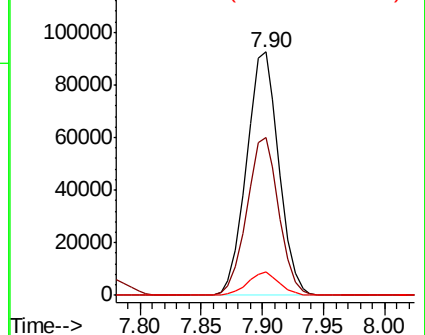
83 100

85 64.7 50.9 76.3

127 9.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.07 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

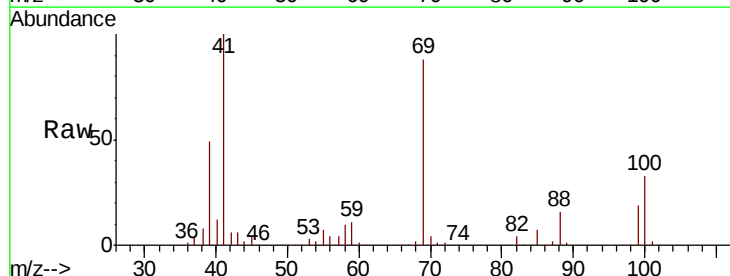
Tgt Ion: 41 Resp: 148406

Ion Ratio Lower Upper

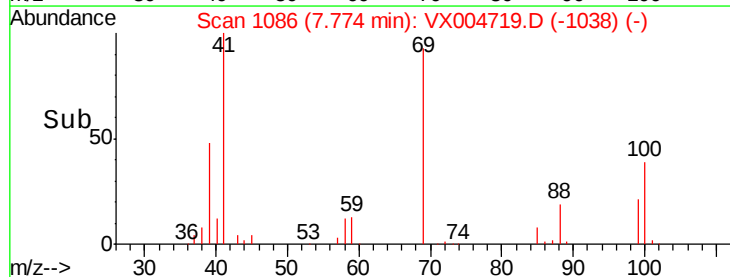
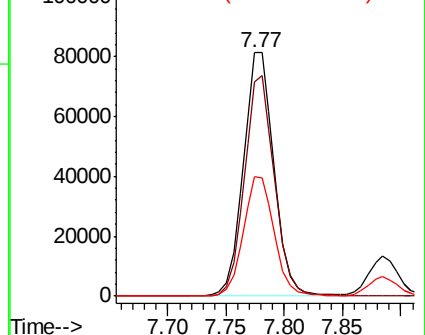
41 100

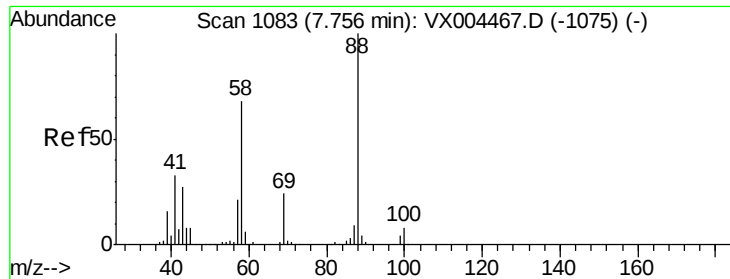
69 89.1 70.2 105.4

39 49.6 42.7 64.1



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





#49

1,4-Dioxane

Concen: 1156.07 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

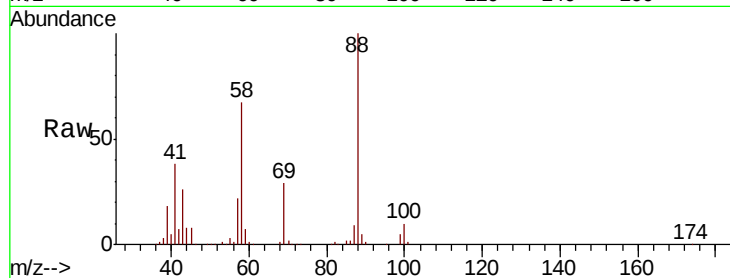
Tot Ion: 88 Resp: 75103

Ion Ratio Lower Upper

88 100

43 28.1 24.7 37.1

58 68.7 55.3 82.9

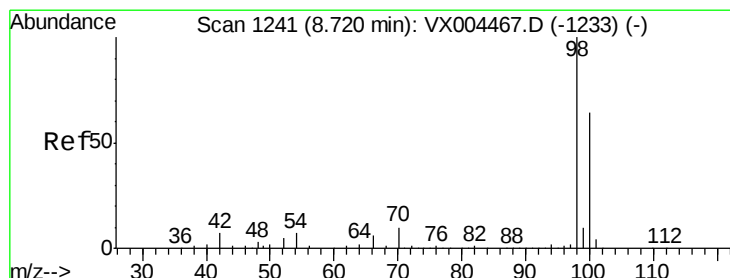
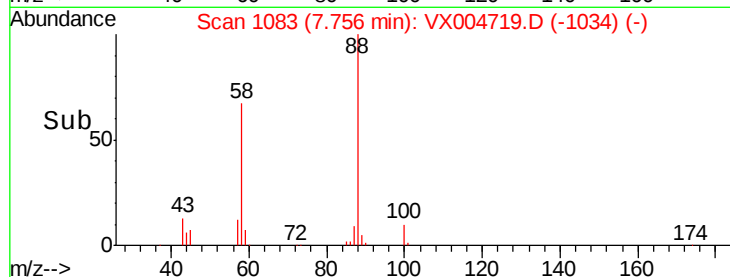
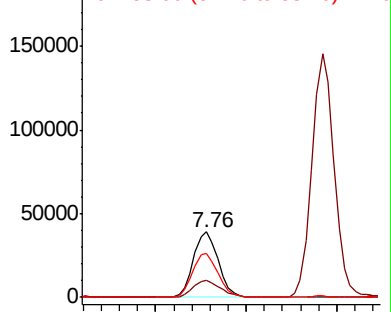


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.37 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004719.D

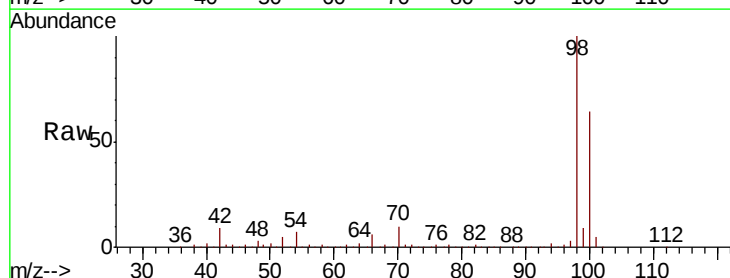
Acq: 19 Sep 2018 21:13

Tgt Ion: 98 Resp: 411748

Ion Ratio Lower Upper

98 100

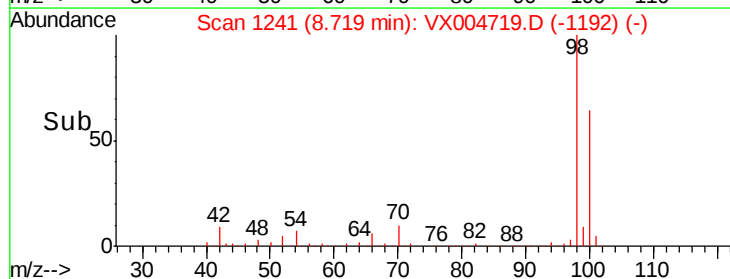
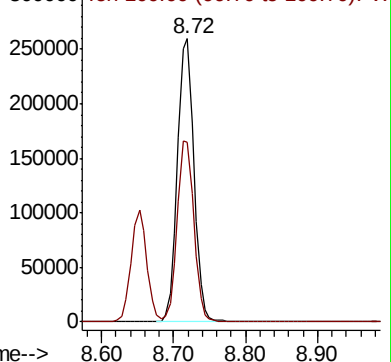
100 64.8 52.9 79.3

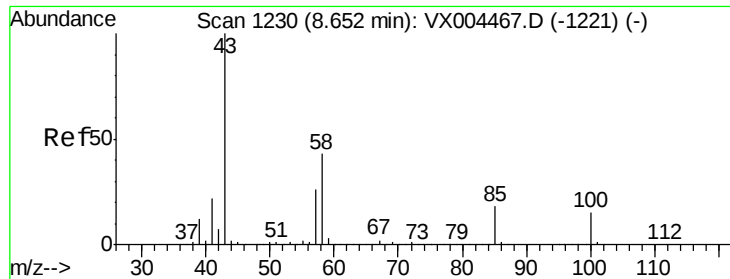


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

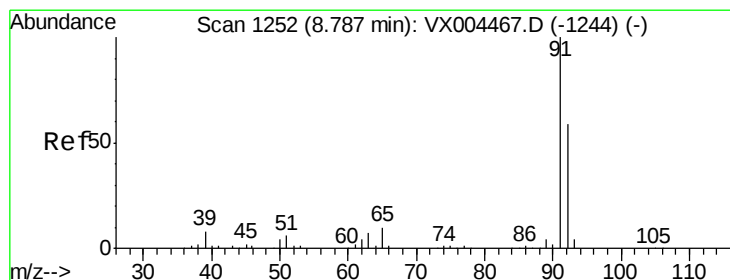
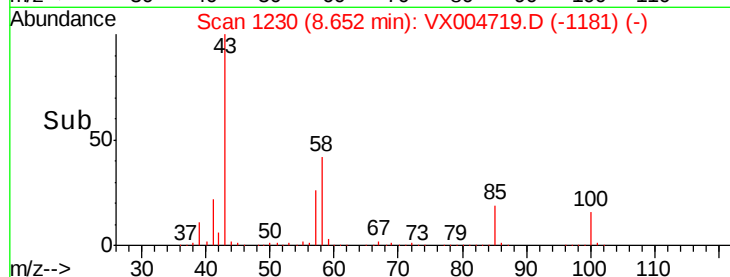
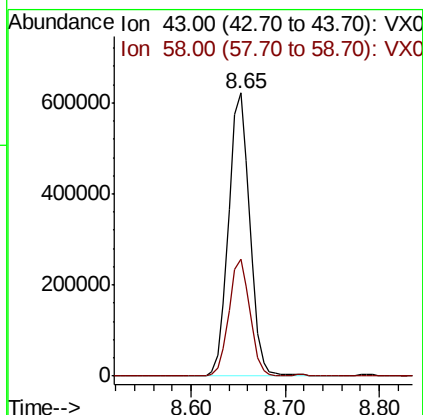
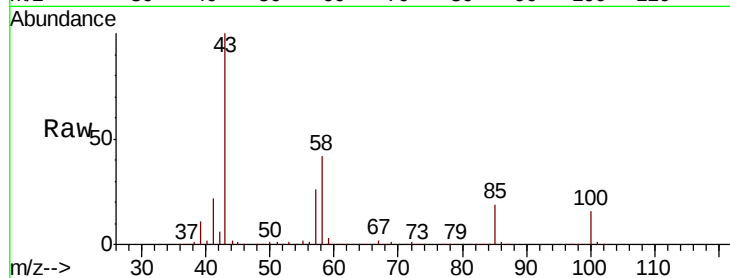




#51
4-Methyl-2-Pentanone
Concen: 248.84 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

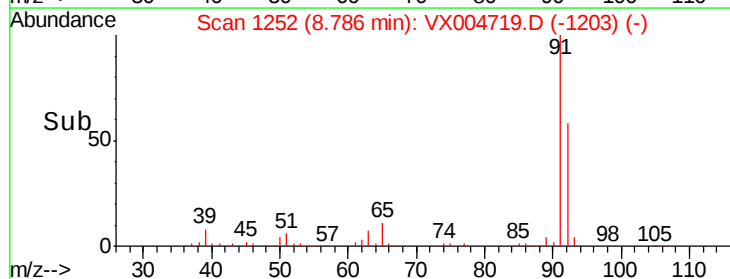
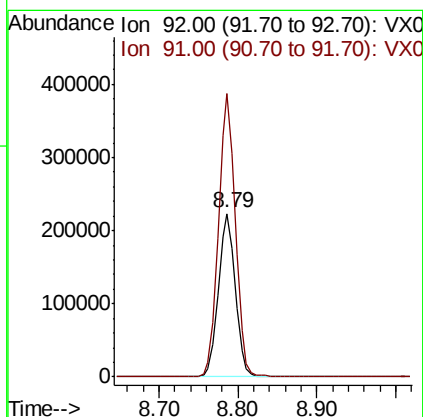
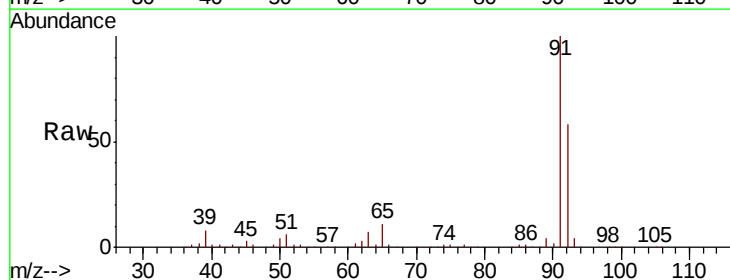
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

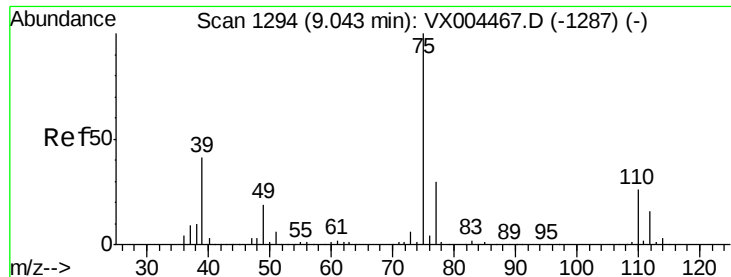
Tot Ion: 43 Resp: 973936
Ion Ratio Lower Upper
43 100
58 40.9 33.1 49.7



#52
Toluene
Concen: 51.87 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion: 92 Resp: 332880
Ion Ratio Lower Upper
92 100
91 174.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 50.95 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

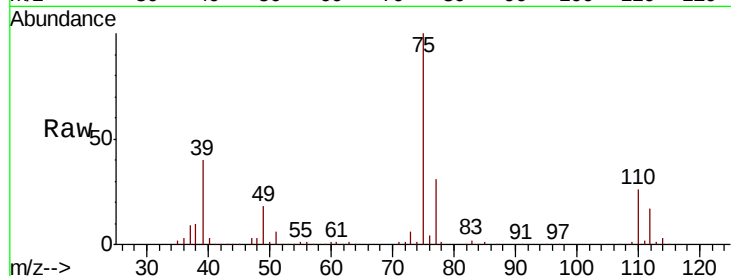
VSTDCCC050EC

Tot Ion: 75 Resp: 186397

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

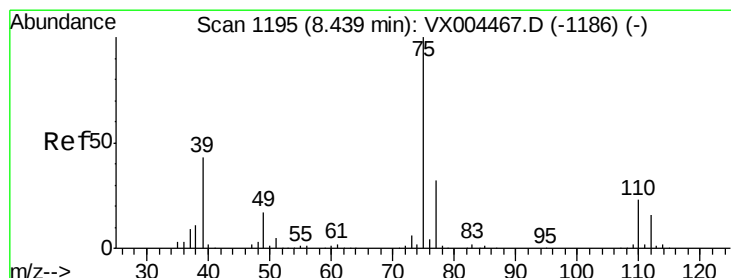
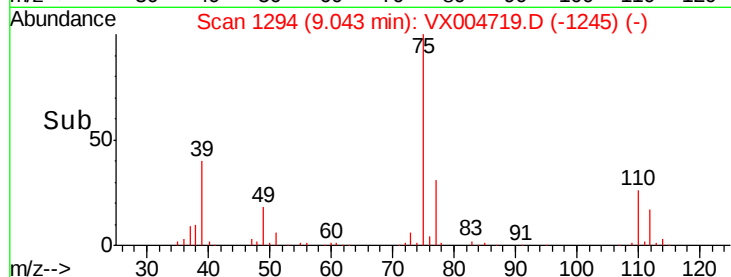
100000

50000

0

9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.30 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

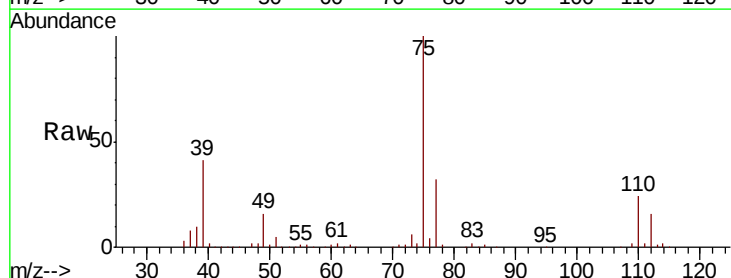
Tgt Ion: 75 Resp: 206234

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 40.4 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

150000

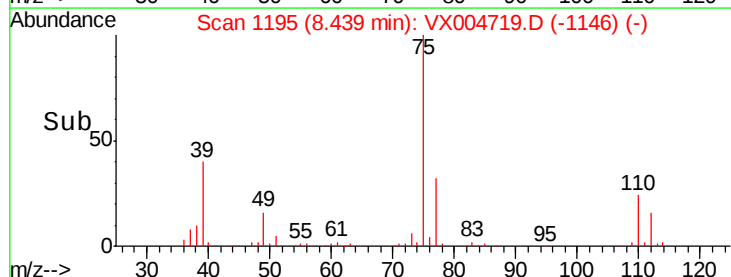
100000

50000

0

8.40 8.50

Time-->

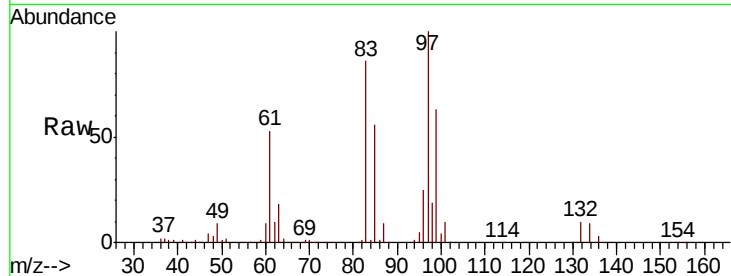




#55
 1,1,2-Trichloroethane
 Concen: 50.22 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	138776
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.4	99.6
85	55.8	43.3	64.9
99	63.0	49.0	73.4



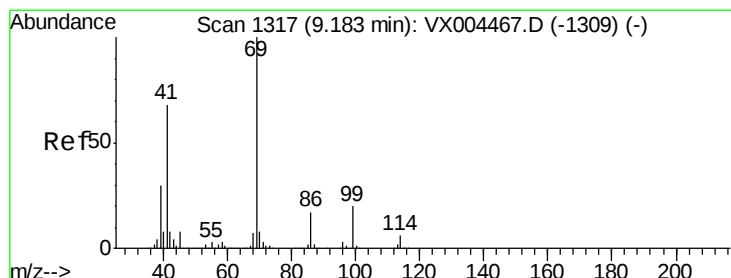
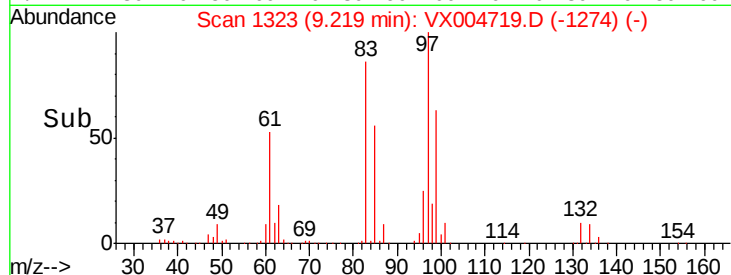
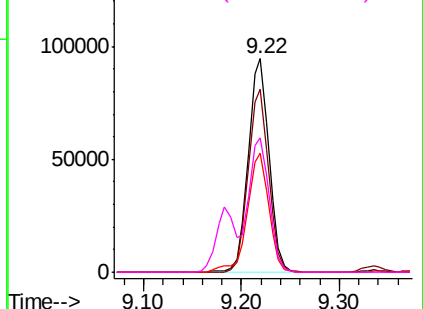
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

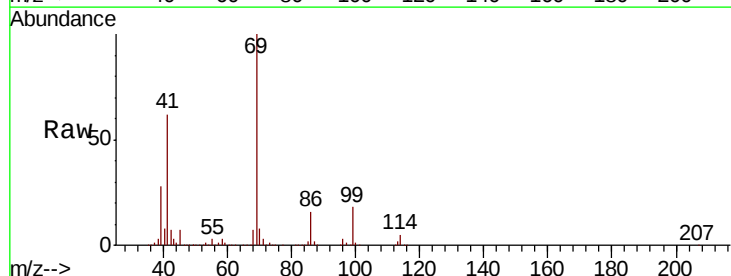
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 53.52 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion:	69	Resp:	209245
Ion	Ratio	Lower	Upper
69	100		
41	62.0	51.0	76.4
39	28.5	26.1	39.1

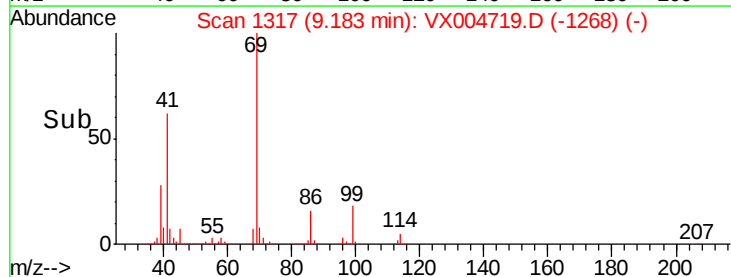
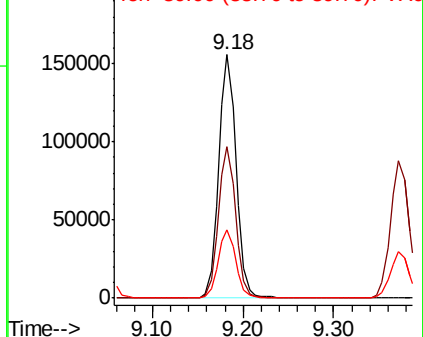


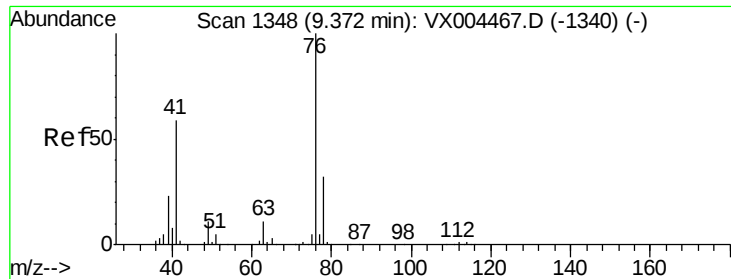
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

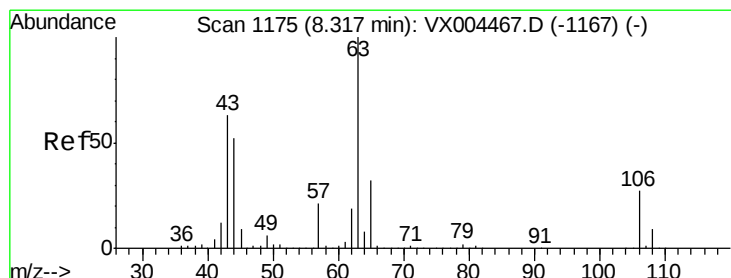
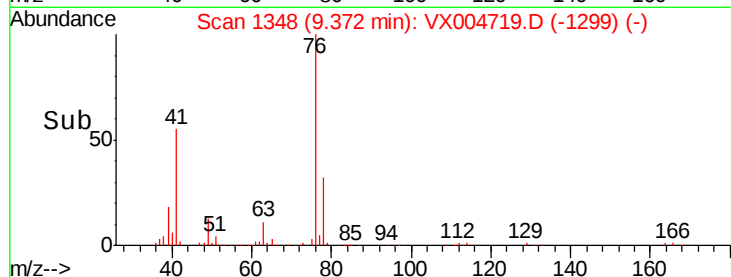
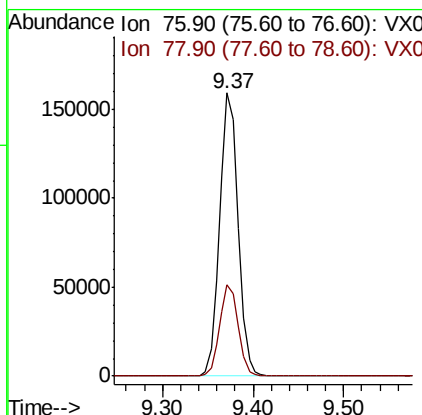
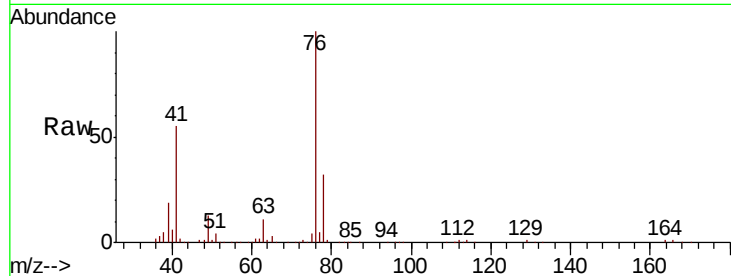




#57
 1,3-Dichloropropane
 Concen: 50.35 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

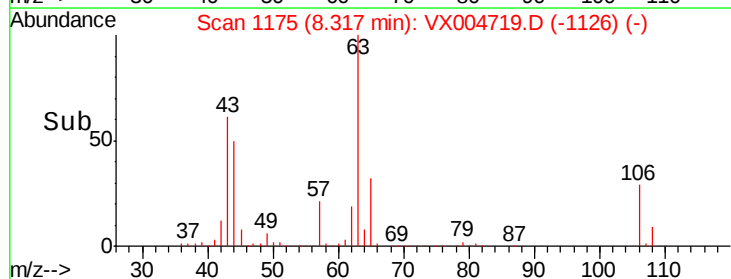
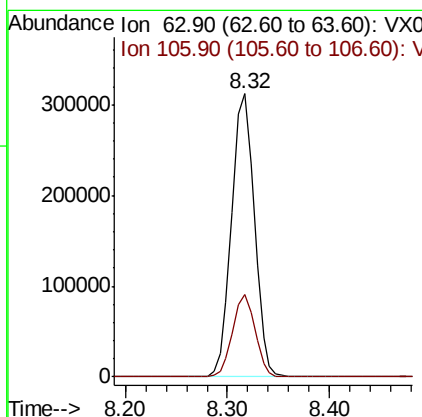
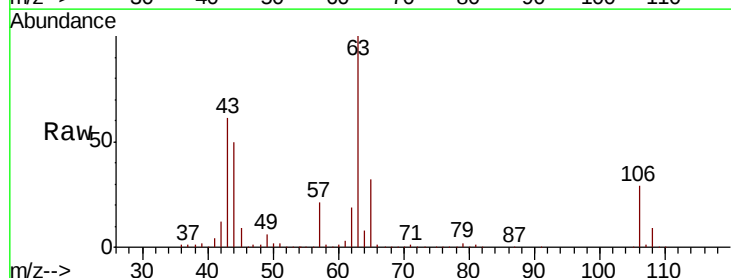
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

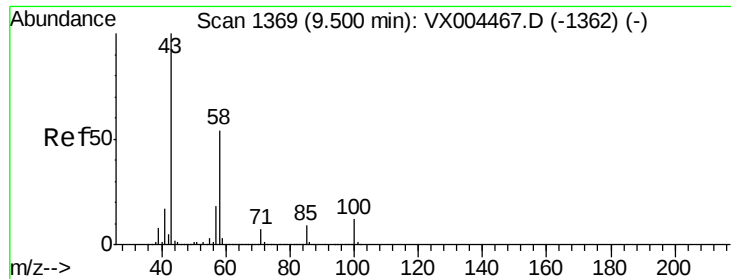
Tot Ion: 76 Resp: 226085
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.45 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion: 63 Resp: 482476
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.9 35.9

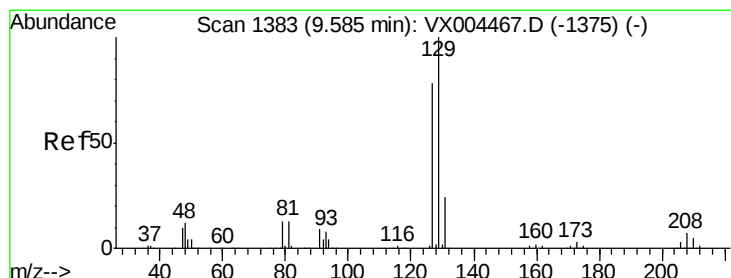
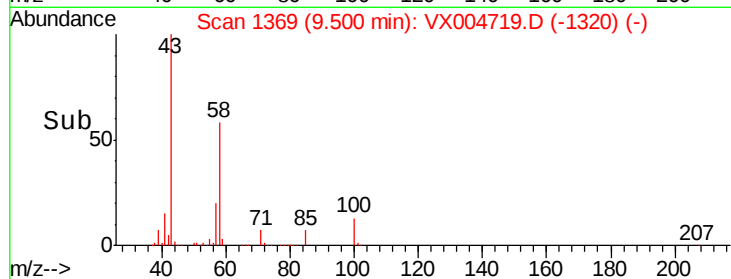
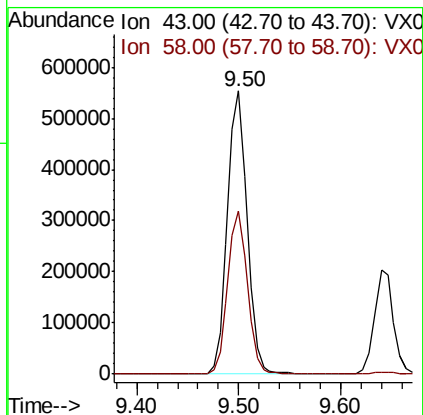
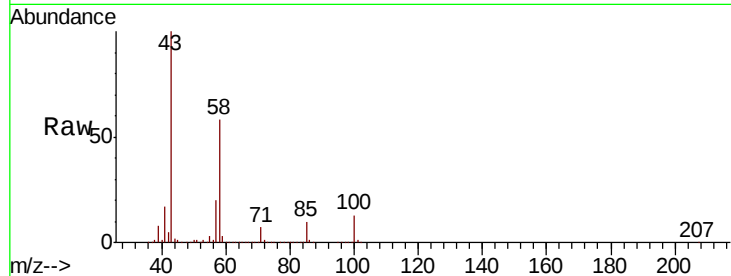




#59
2-Hexanone
Concen: 246.88 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

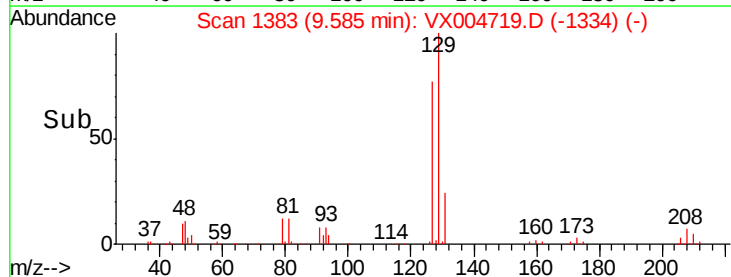
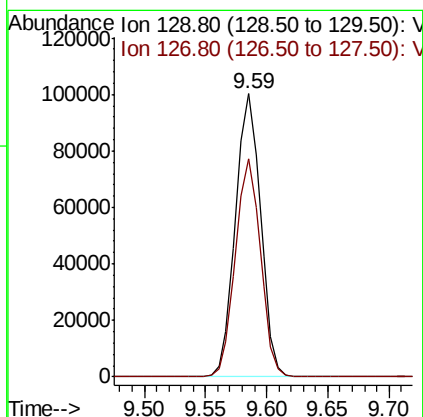
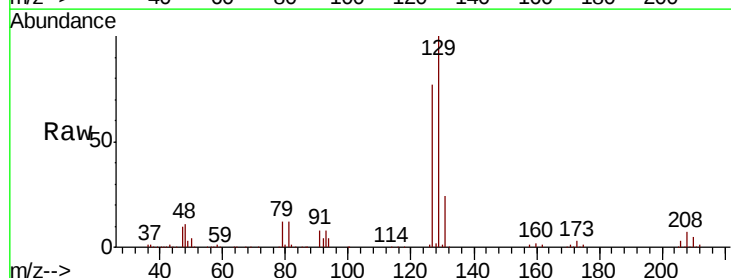
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

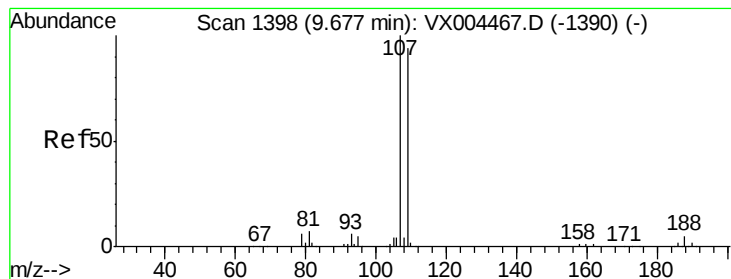
Tot Ion: 43 Resp: 741175
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0



#60
Dibromochloromethane
Concen: 54.73 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion: 129 Resp: 142389
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.79 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

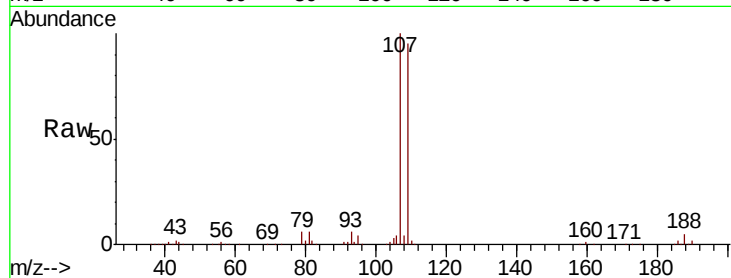
VSTDCCC050EC

Tot Ion:107 Resp: 141992

Ion Ratio Lower Upper

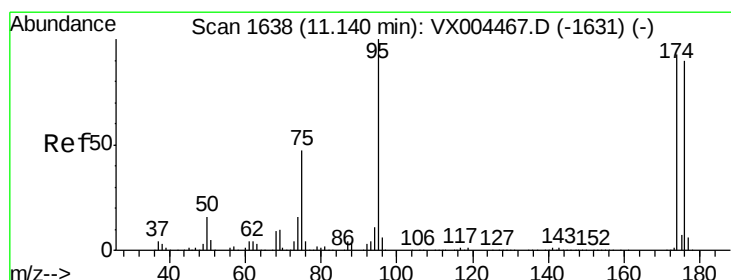
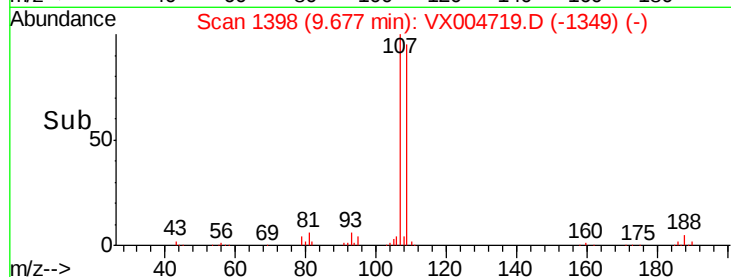
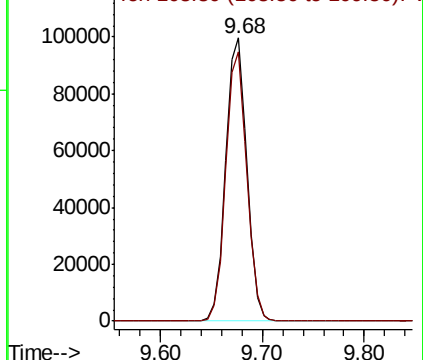
107 100

109 95.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.27 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

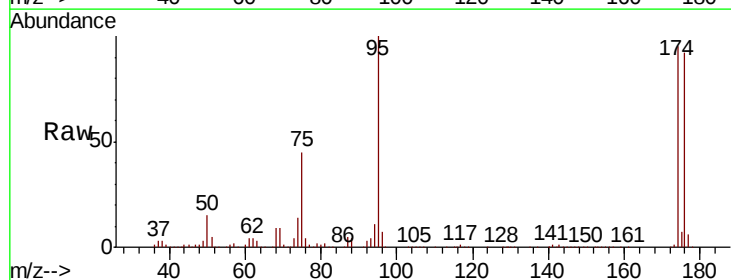
Tgt Ion: 95 Resp: 153280

Ion Ratio Lower Upper

95 100

174 94.6 0.0 185.2

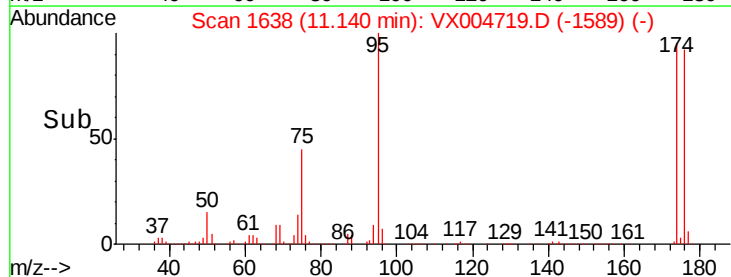
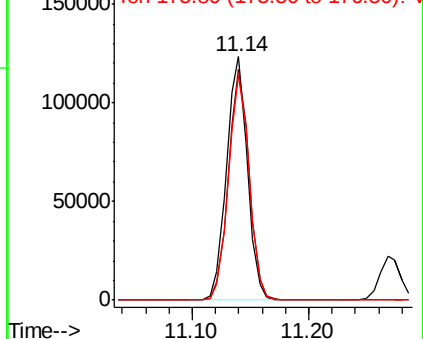
176 92.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

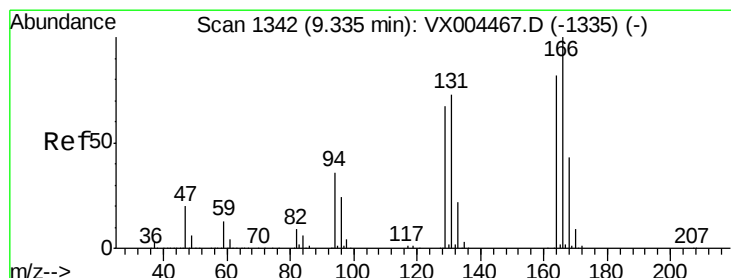
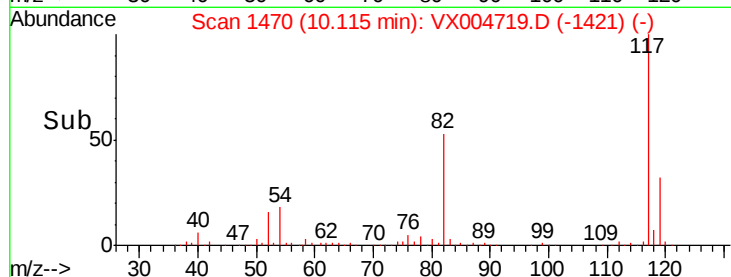
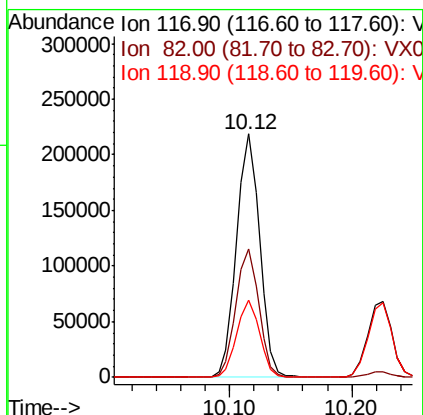
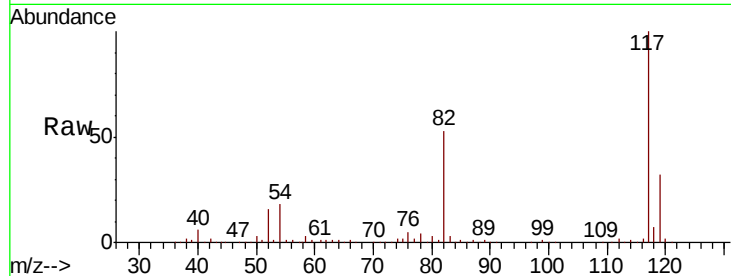




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

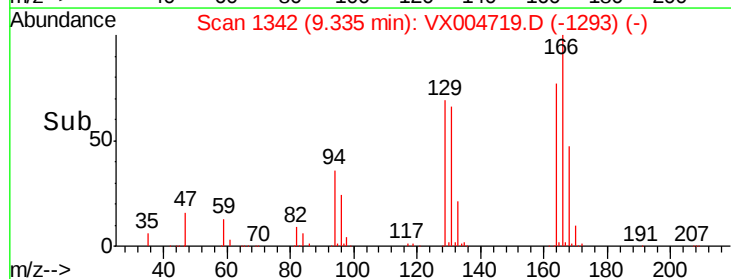
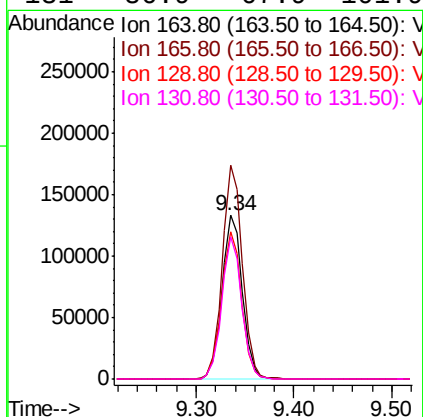
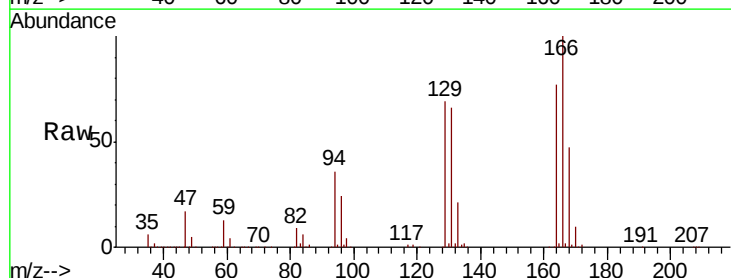
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

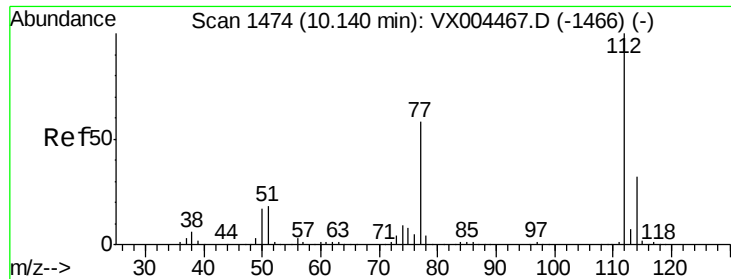
Tot Ion:117 Resp: 286433
Ion Ratio Lower Upper
117 100
82 52.8 47.8 71.6
119 32.0 29.3 43.9



#64
Tetrachloroethene
Concen: 53.54 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion:164 Resp: 191452
Ion Ratio Lower Upper
164 100
166 130.7 102.8 154.2
129 90.2 69.4 104.0
131 86.9 67.9 101.9

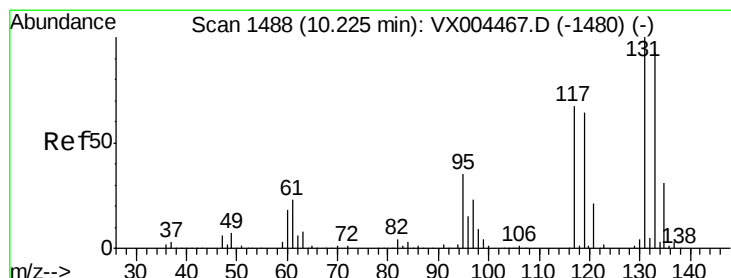
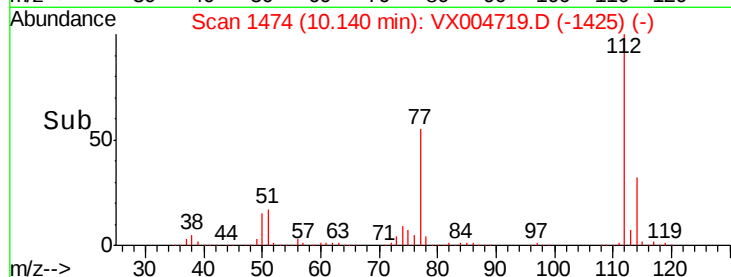
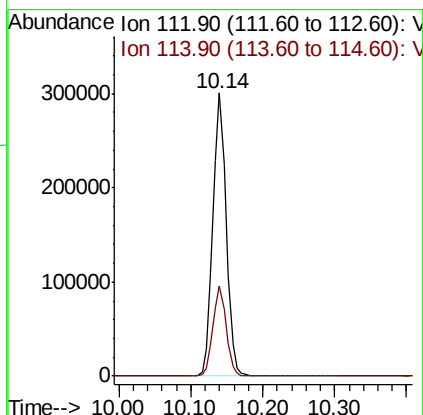
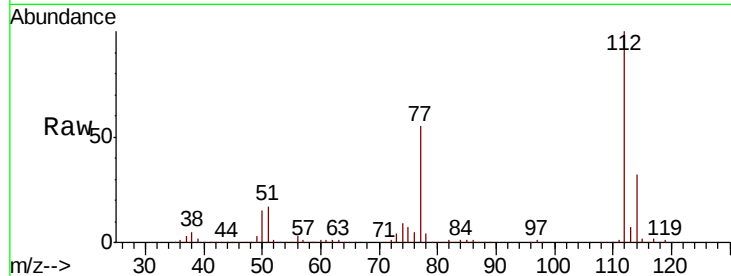




#65
Chlorobenzene
Concen: 54.00 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

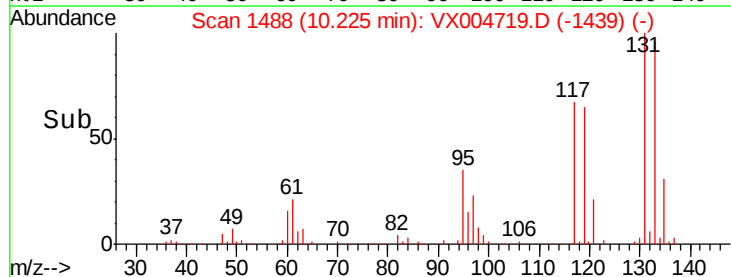
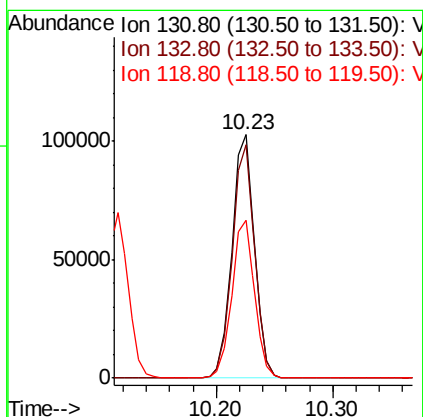
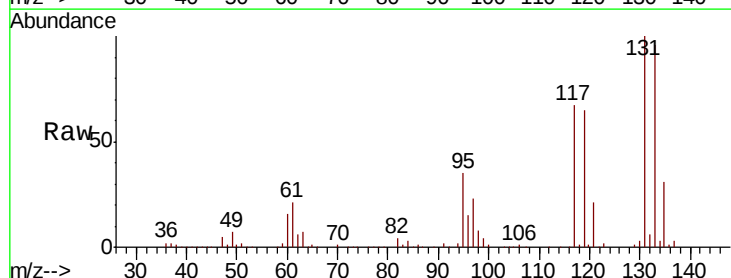
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

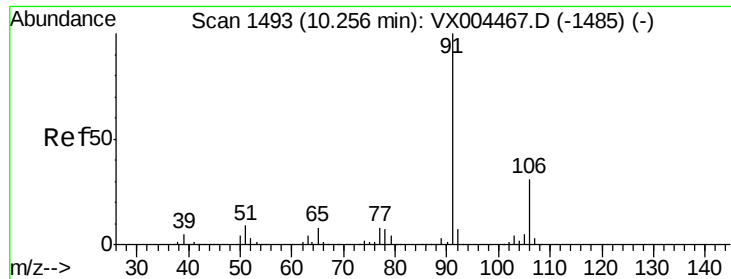
Tot Ion:112 Resp: 384172
Ion Ratio Lower Upper
112 100
114 32.0 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.28 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion:131 Resp: 138088
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 65.4 32.9 98.6

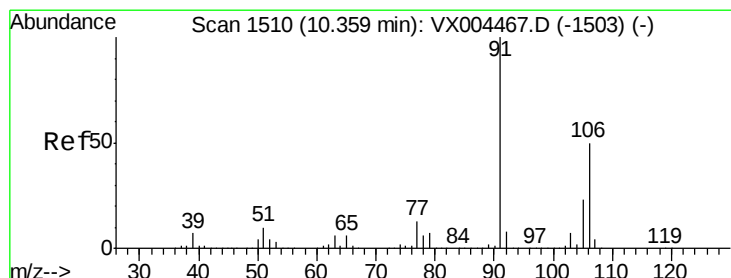
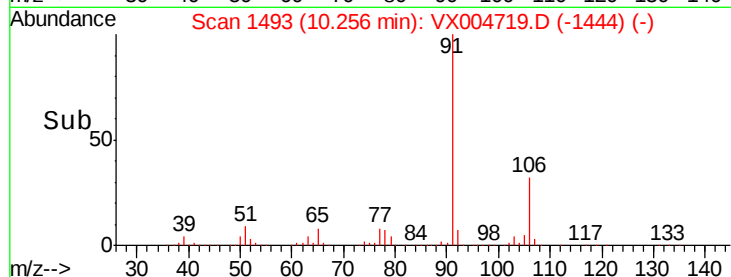
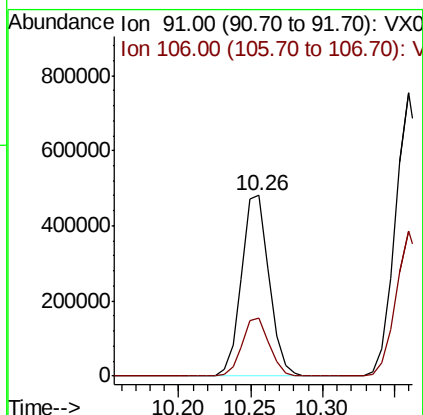
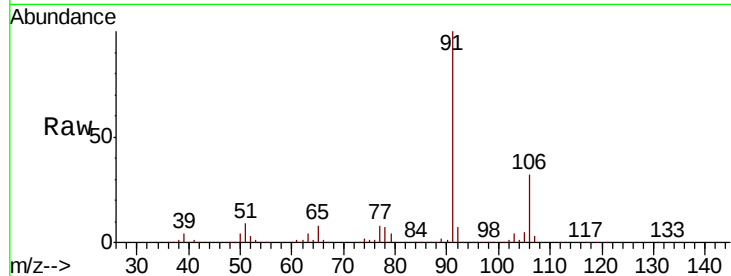




#67
Ethyl Benzene
Concen: 55.27 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

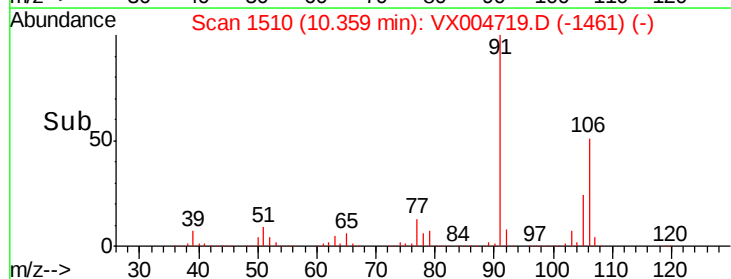
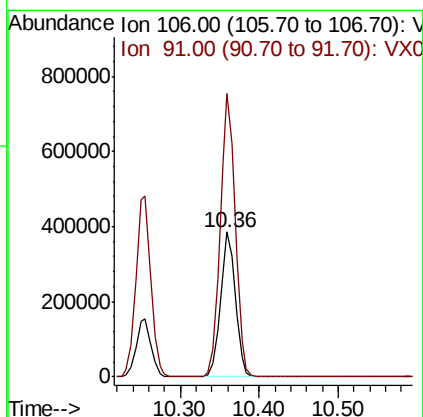
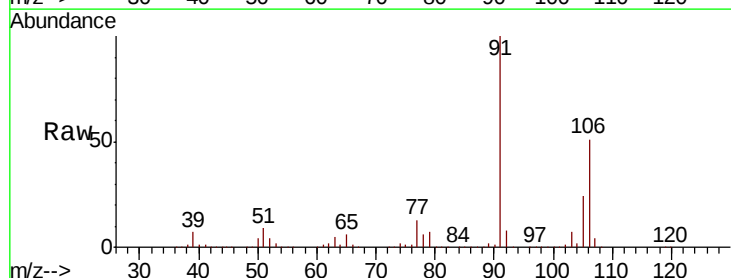
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

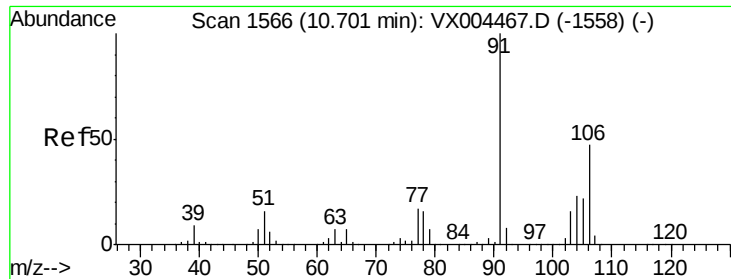
Tot Ion: 91 Resp: 639463
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 113.35 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion: 106 Resp: 505114
Ion Ratio Lower Upper
106 100
91 198.1 157.1 235.7

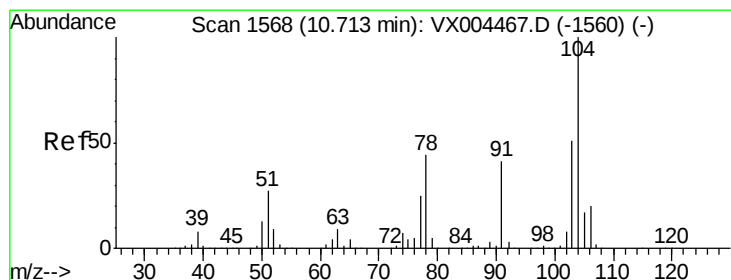
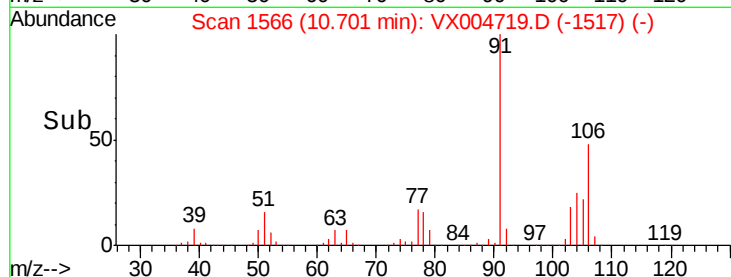
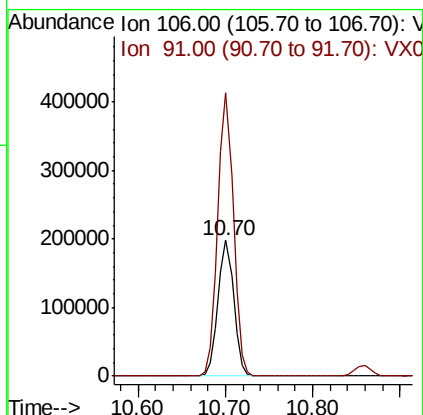
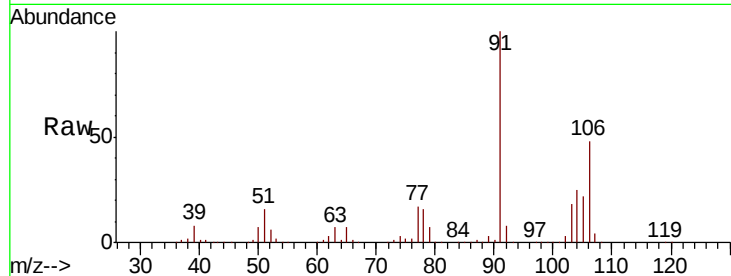




#69
o-Xylene
Concen: 57.47 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

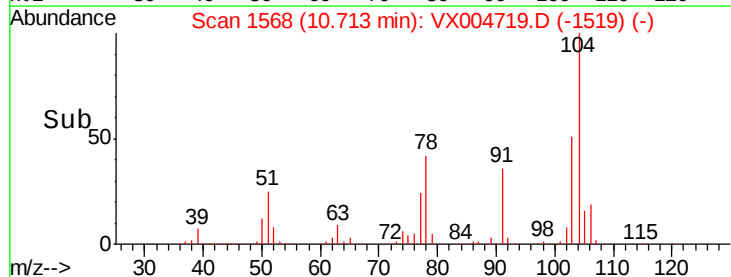
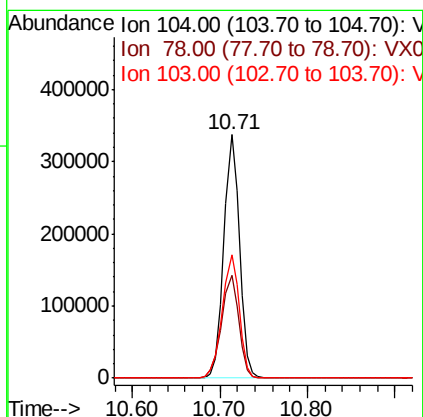
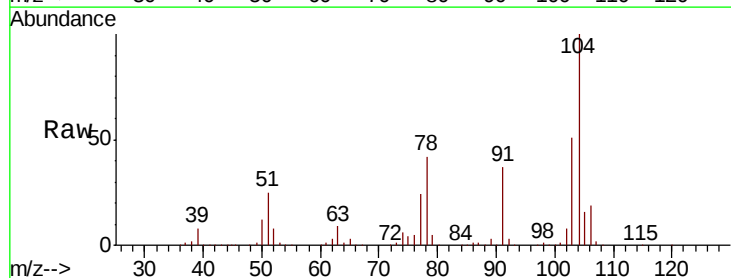
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

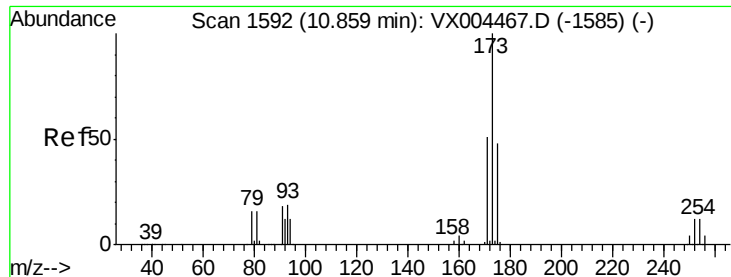
Tot Ion:106 Resp: 246200
Ion Ratio Lower Upper
106 100
91 208.2 105.1 315.1



#70
Styrene
Concen: 58.58 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion:104 Resp: 415766
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.0
103 55.2 43.8 65.6

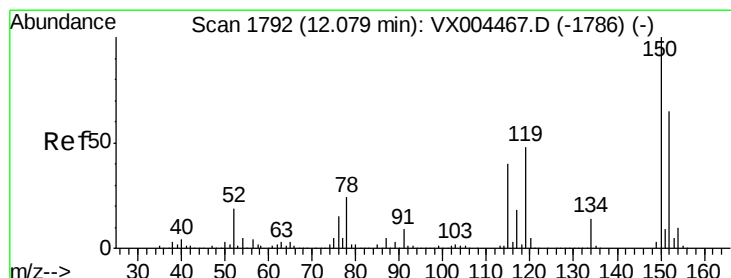
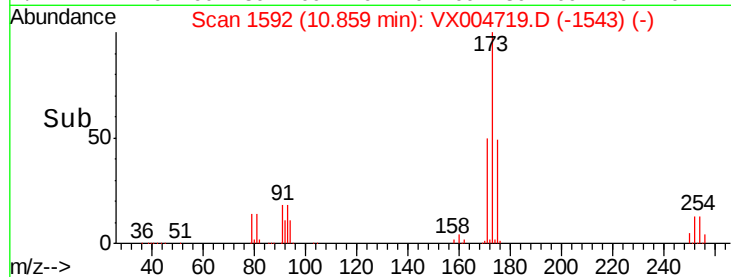
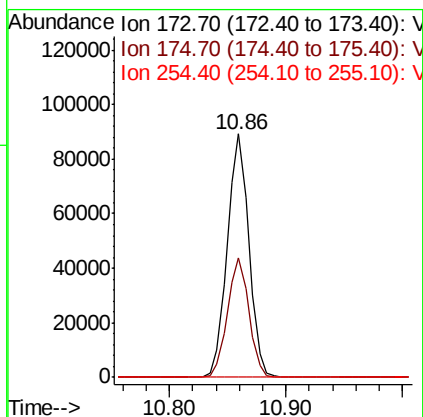
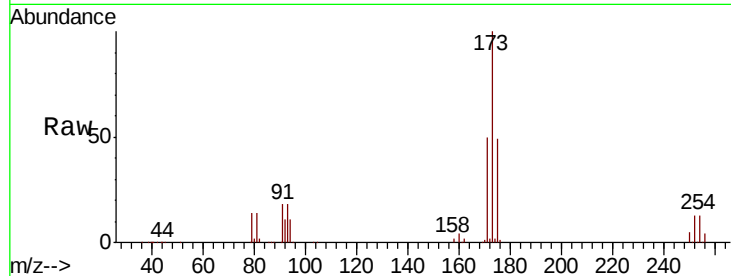




#71
Bromoform
Concen: 57.02 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

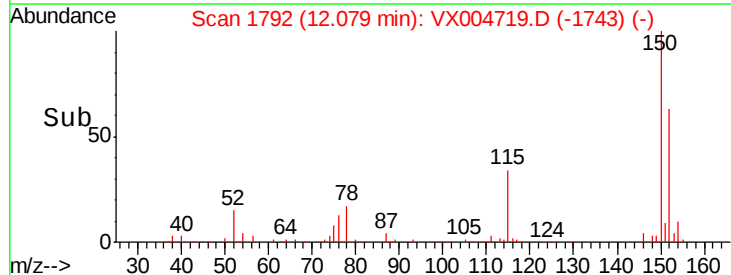
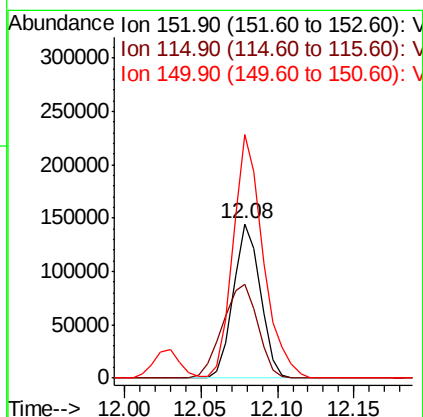
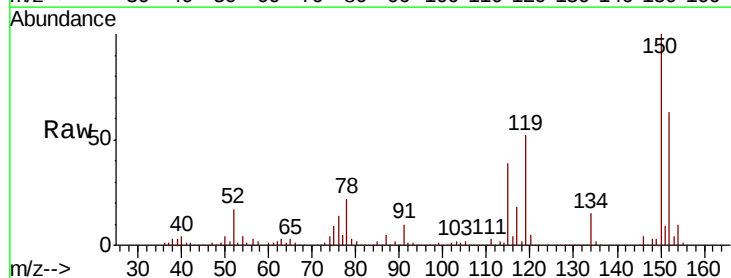
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

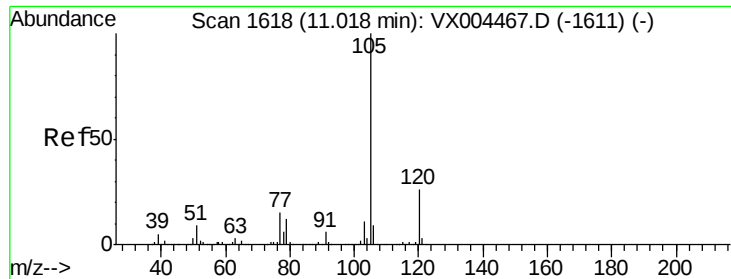
Tot Ion:173 Resp: 114872
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion:152 Resp: 177116
Ion Ratio Lower Upper
152 100
115 79.1 39.0 117.0
150 175.3 0.0 351.0





#73

Isopropylbenzene

Concen: 56.73 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

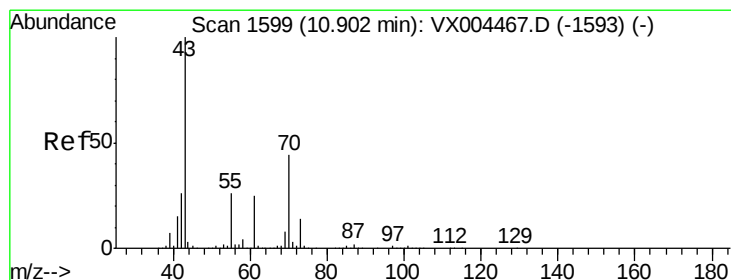
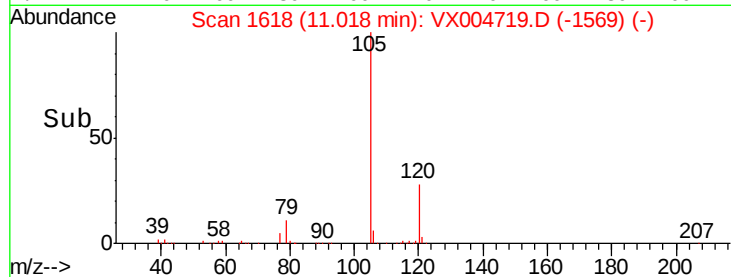
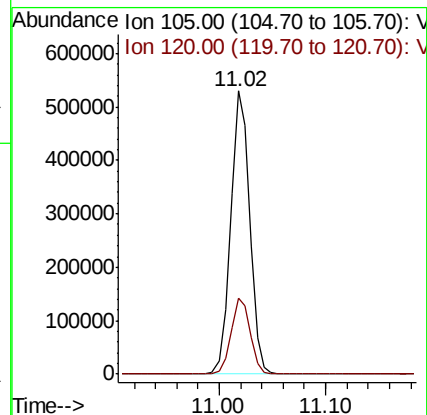
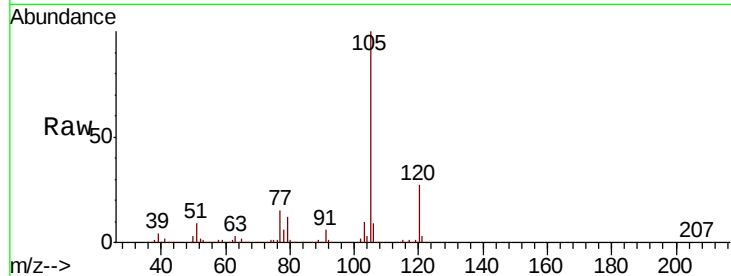
VSTDCCC050EC

Tot Ion:105 Resp: 661771

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 53.96 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Tgt Ion: 43 Resp: 264912

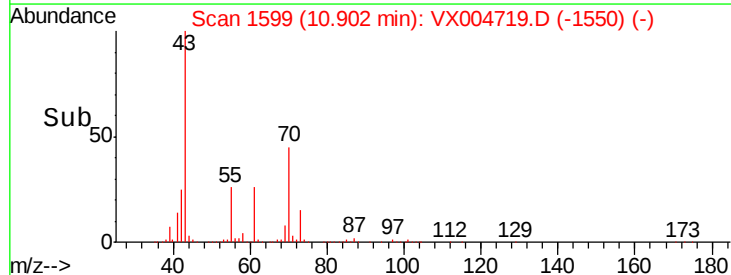
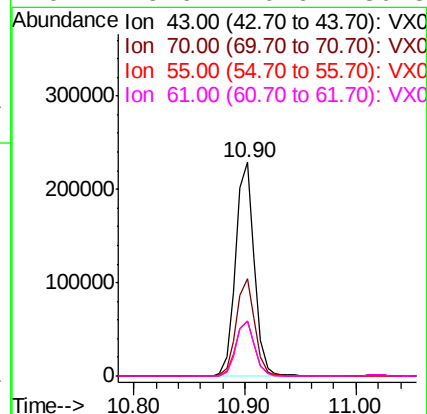
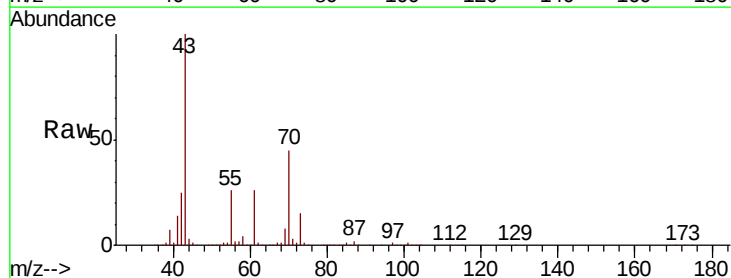
Ion Ratio Lower Upper

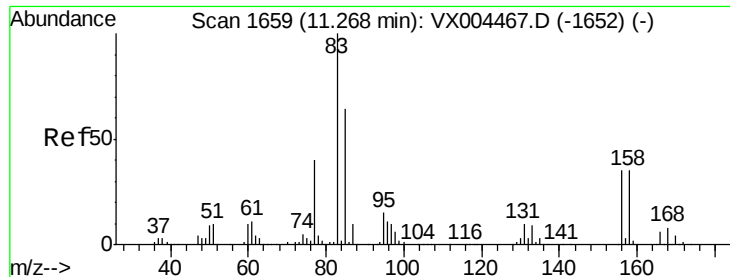
43 100

70 45.2 37.4 56.0

55 26.2 21.8 32.8

61 25.6 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.22 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

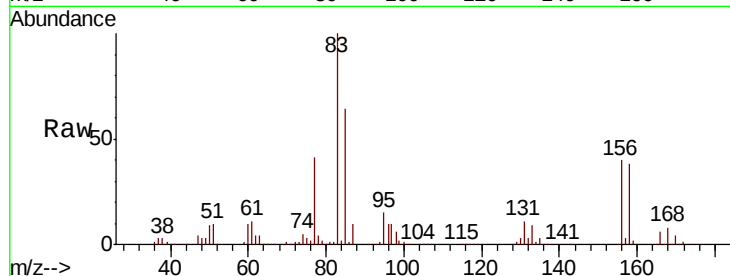
Tot Ion: 83 Resp: 188955

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

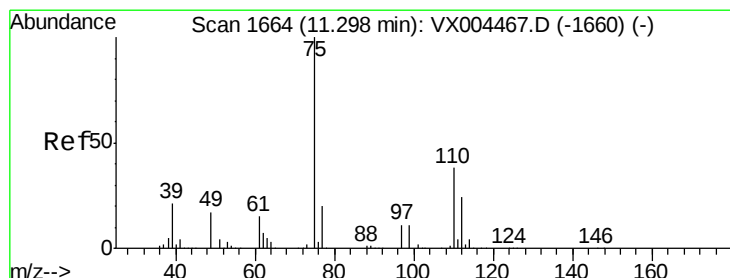
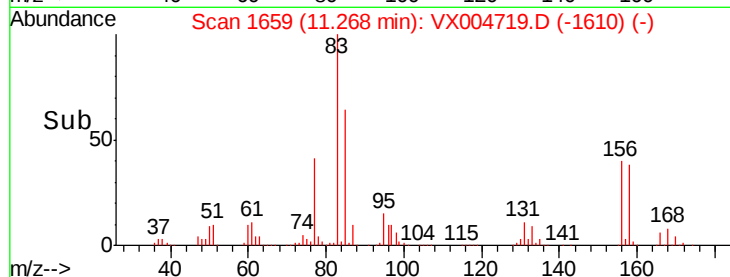
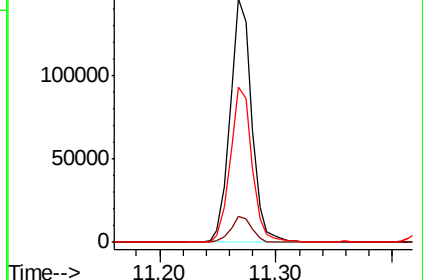
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.39 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004719.D

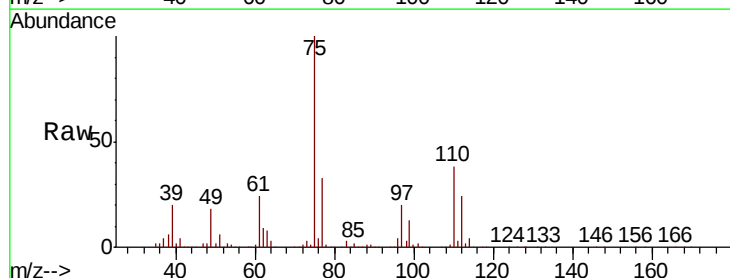
Acq: 19 Sep 2018 21:13

Tgt Ion: 75 Resp: 243707

Ion Ratio Lower Upper

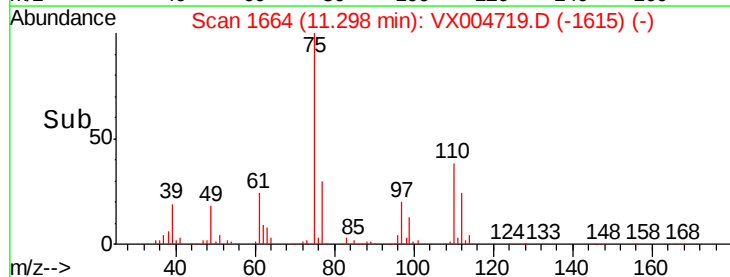
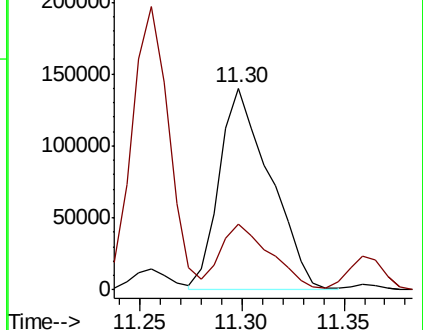
75 100

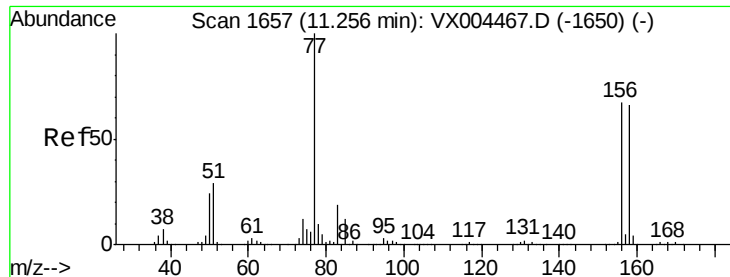
77 32.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.97 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

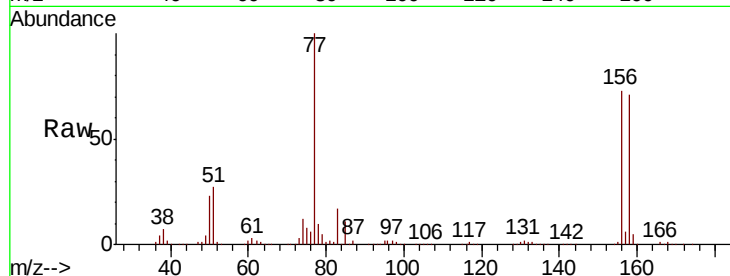
Tot Ion:156 Resp: 180445

Ion Ratio Lower Upper

156 100

77 138.1 71.5 214.3

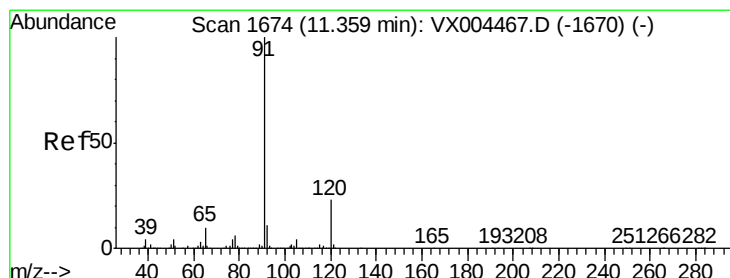
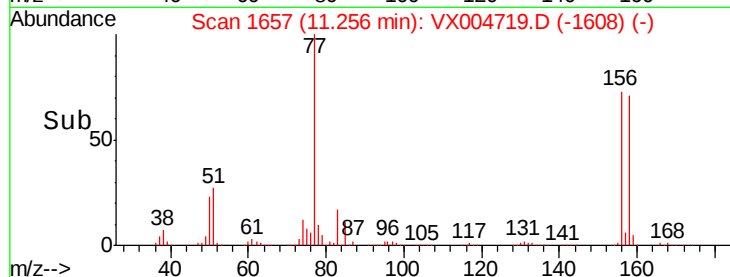
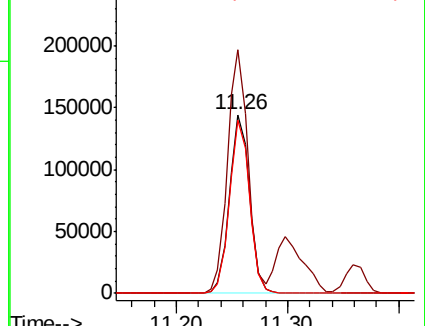
158 96.6 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.05 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004719.D

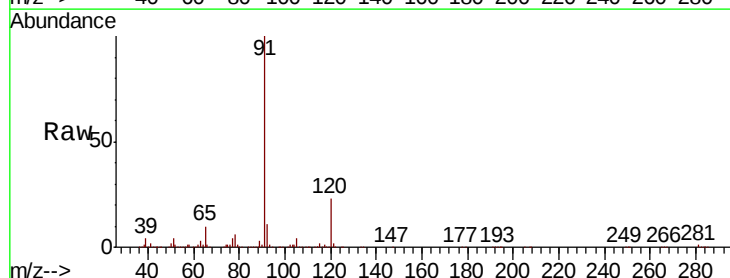
Acq: 19 Sep 2018 21:13

Tgt Ion: 91 Resp: 751693

Ion Ratio Lower Upper

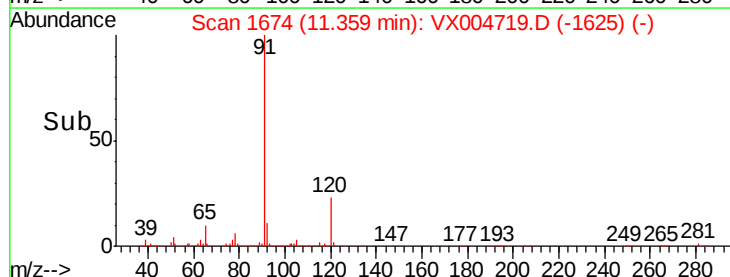
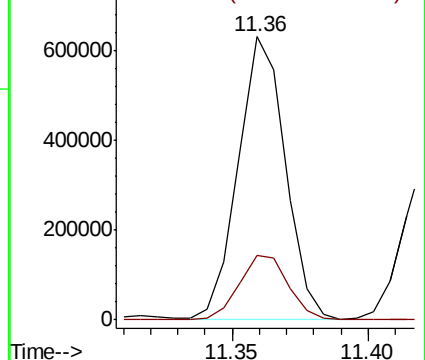
91 100

120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

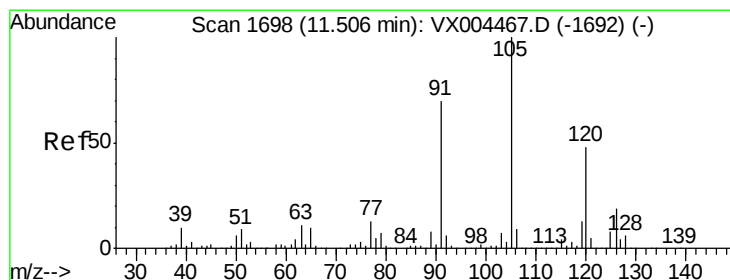
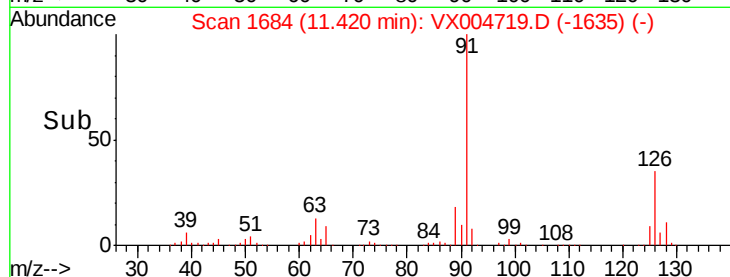
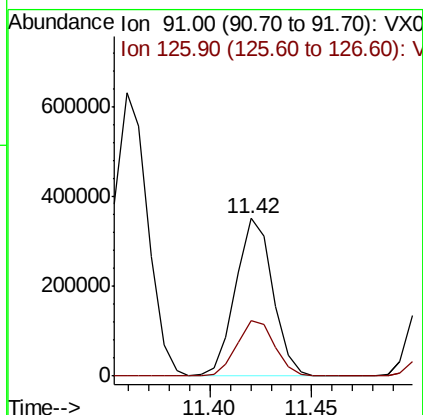
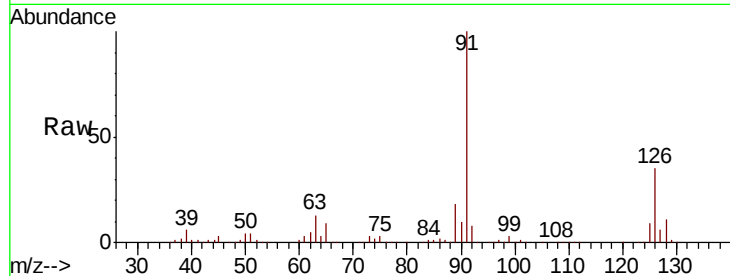




#79
 2-Chlorotoluene
 Concen: 54.36 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

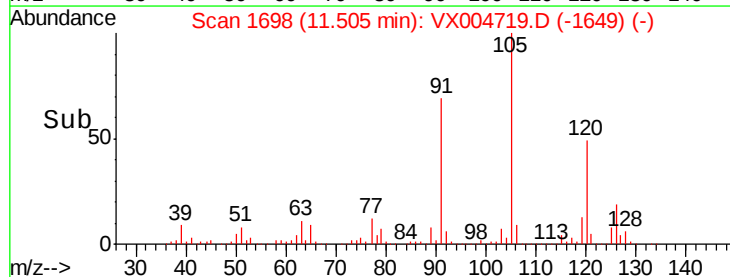
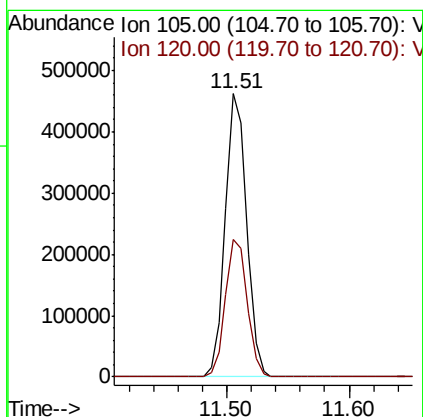
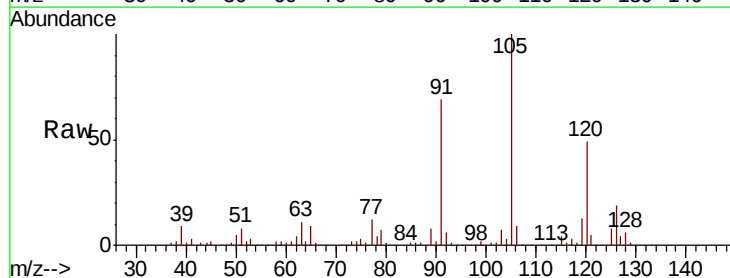
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 442149
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 56.89 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion: 105 Resp: 557906
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.76 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

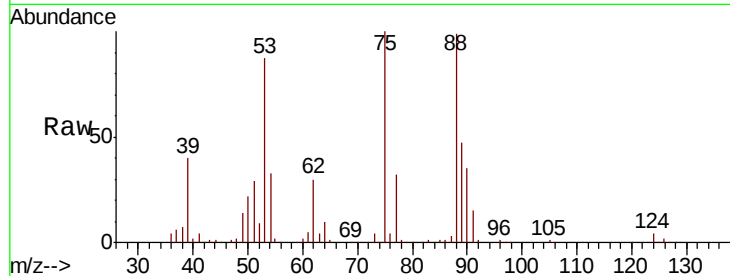
Tot Ion: 75 Resp: 60105

Ion Ratio Lower Upper

75 100

53 91.5 80.1 120.1

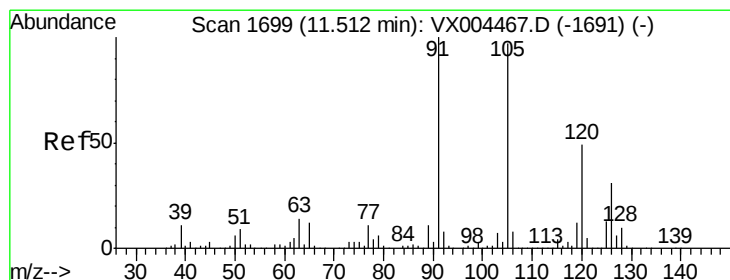
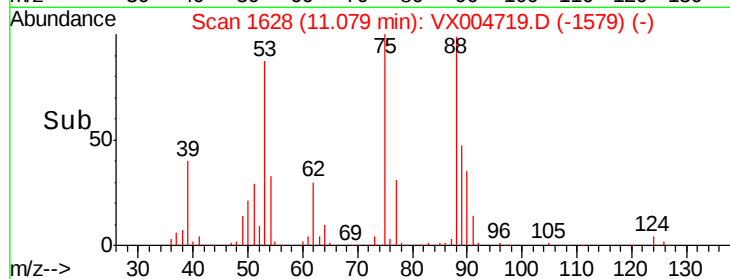
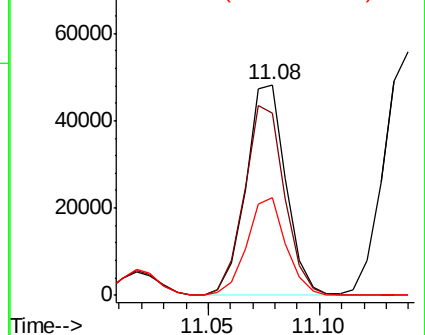
89 45.6 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.64 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004719.D

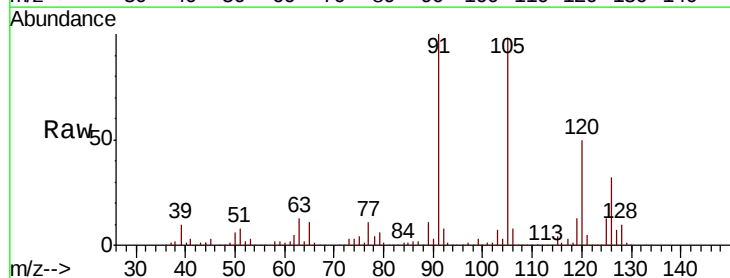
Acq: 19 Sep 2018 21:13

Tgt Ion: 91 Resp: 518748

Ion Ratio Lower Upper

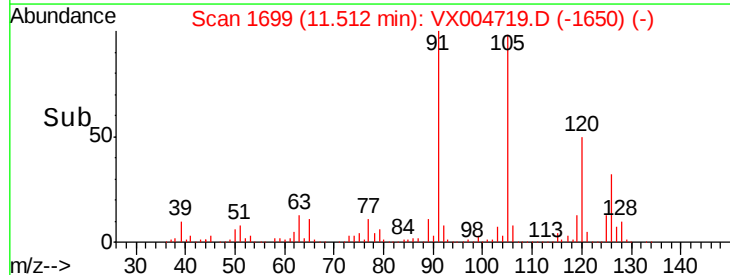
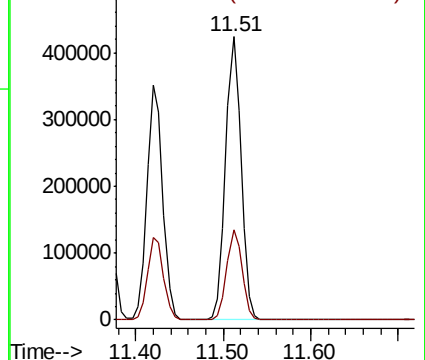
91 100

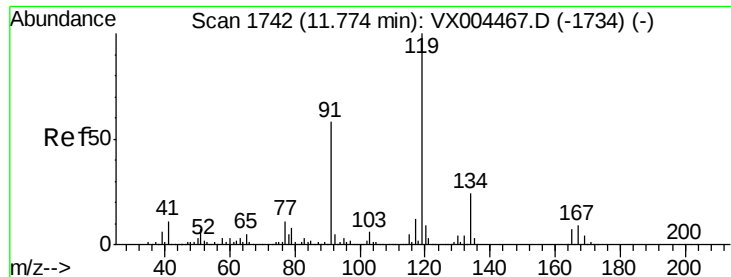
126 31.8 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

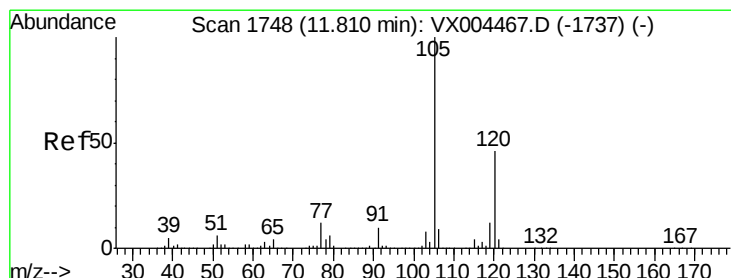
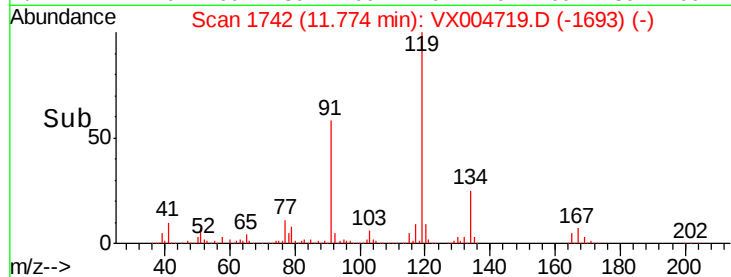
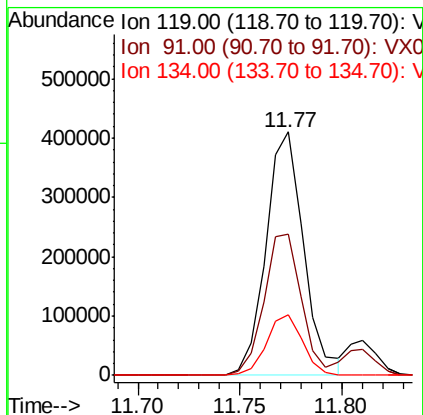
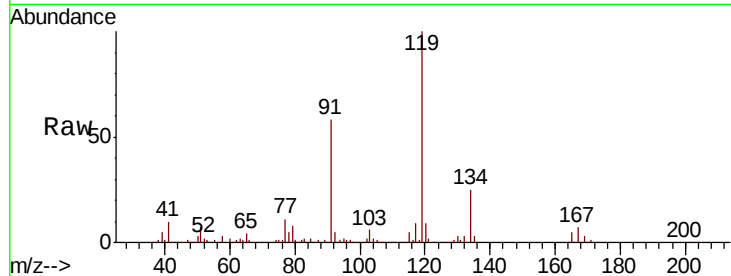




#83
 tert-Butylbenzene
 Concen: 56.56 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

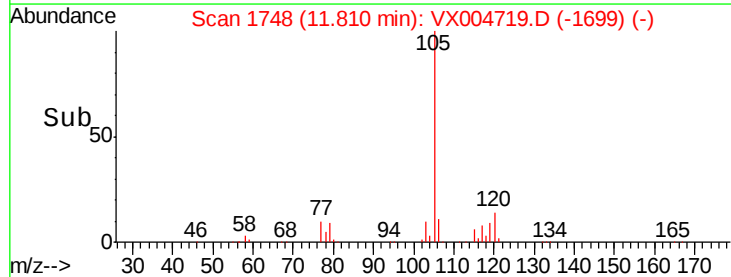
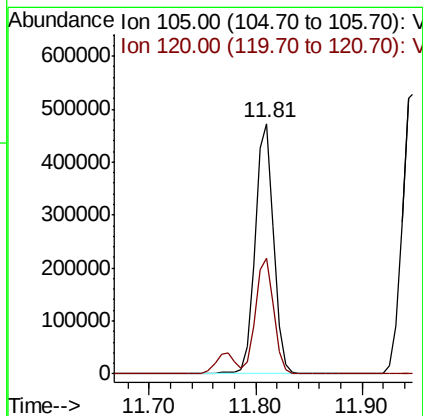
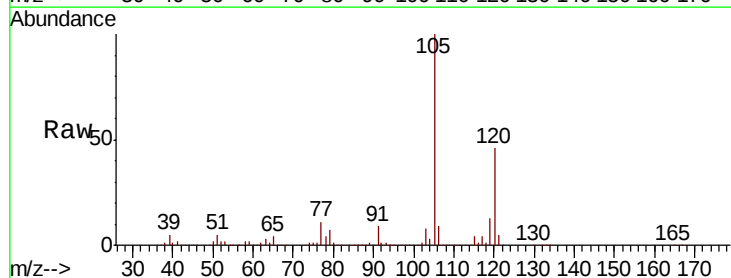
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

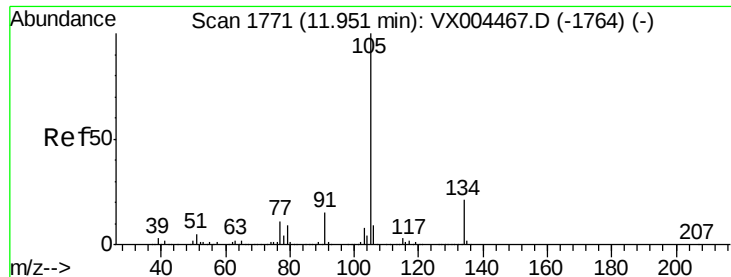
Tot Ion:119 Resp: 527988
 Ion Ratio Lower Upper
 119 100
 91 57.6 27.0 81.0
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 57.12 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion:105 Resp: 571917
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 57.06 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

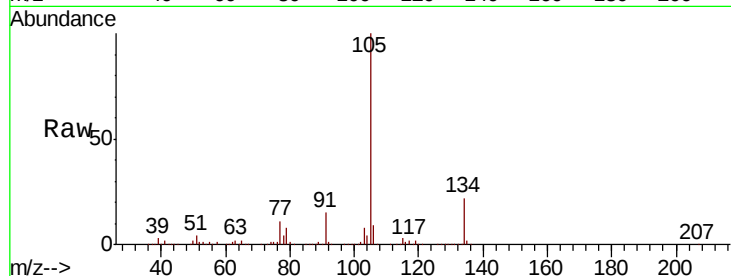
VSTDCCC050EC

Tot Ion:105 Resp: 678769

Ion Ratio Lower Upper

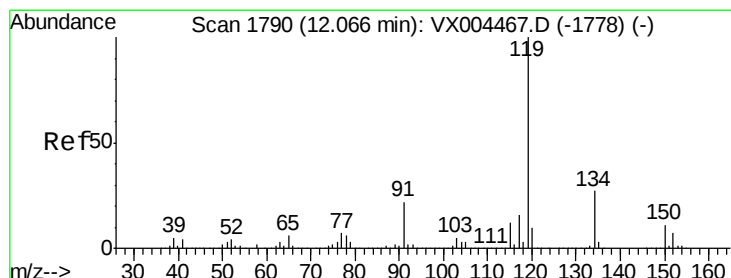
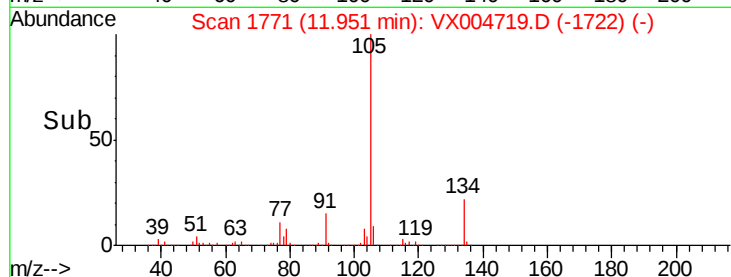
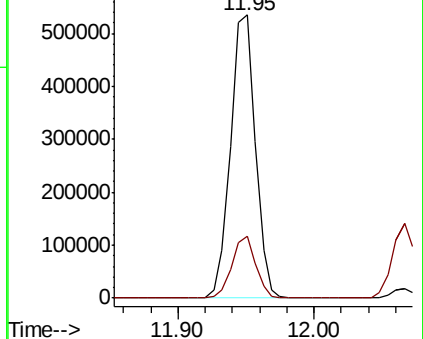
105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.93 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

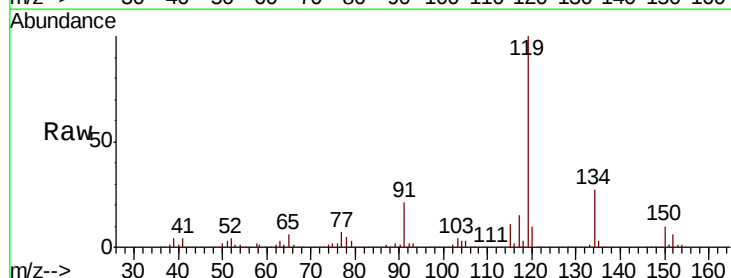
Tgt Ion:119 Resp: 608593

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

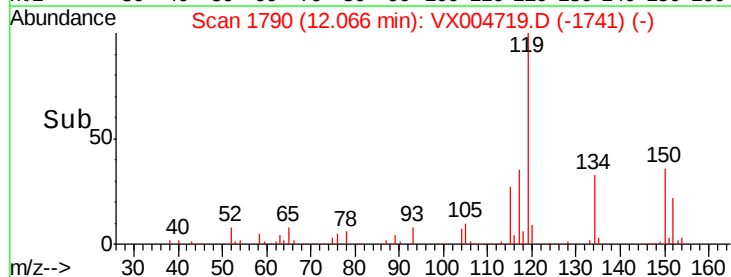
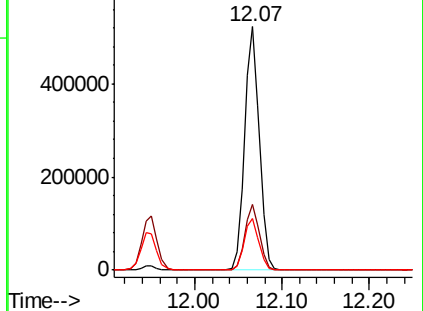
91 21.5 10.9 32.7

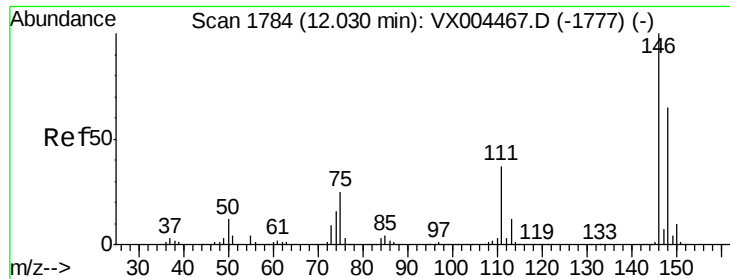


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

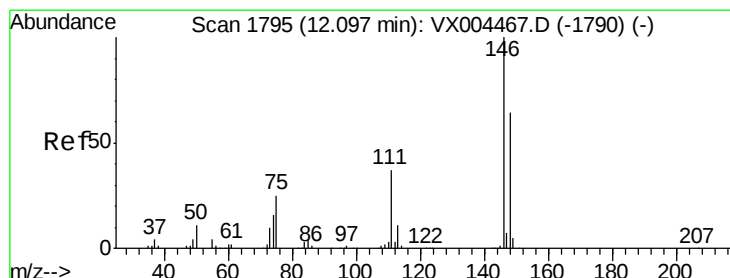
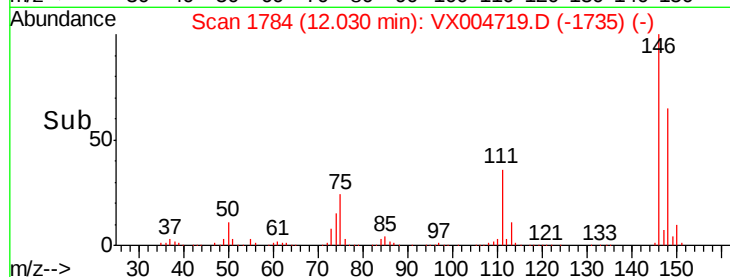
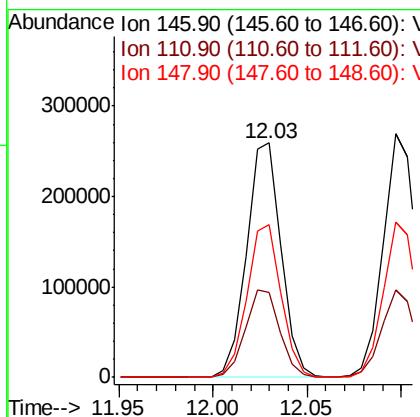
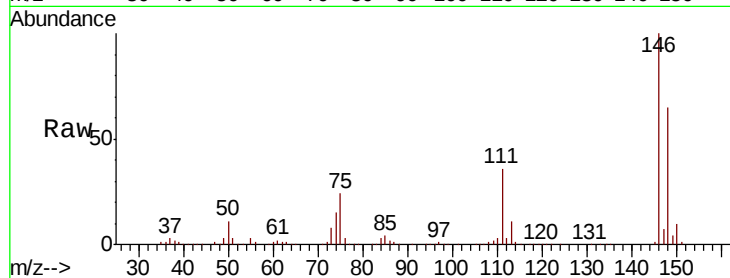




#87
 1,3-Dichlorobenzene
 Concen: 54.72 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

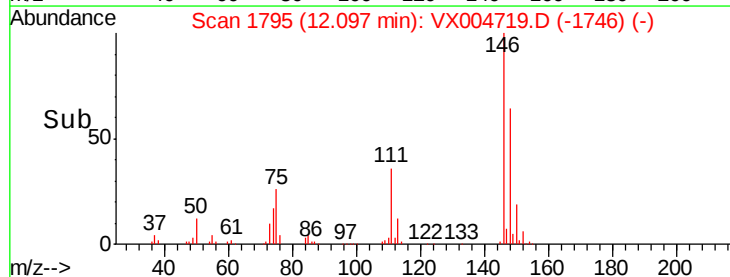
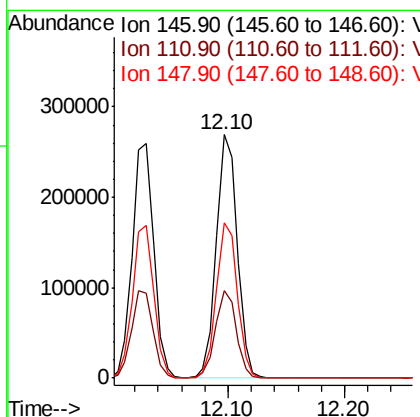
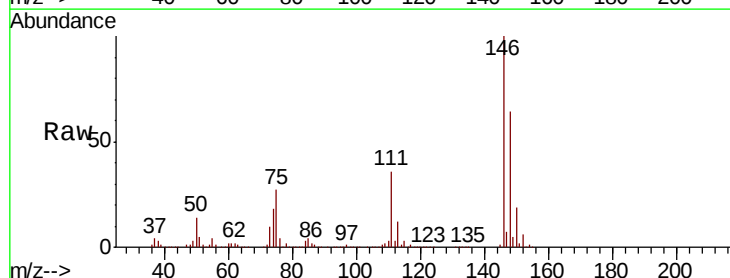
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

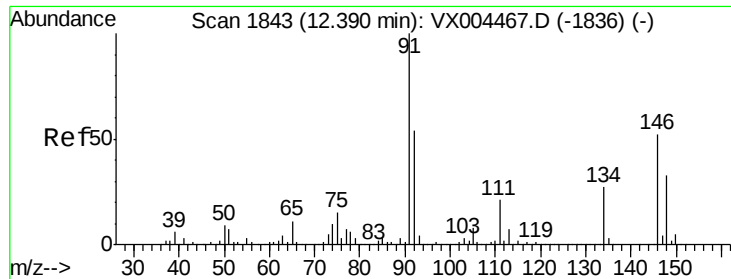
Tot Ion:146 Resp: 329191
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.7 56.1
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.37 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion:146 Resp: 331749
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.1
 148 64.1 32.0 96.0

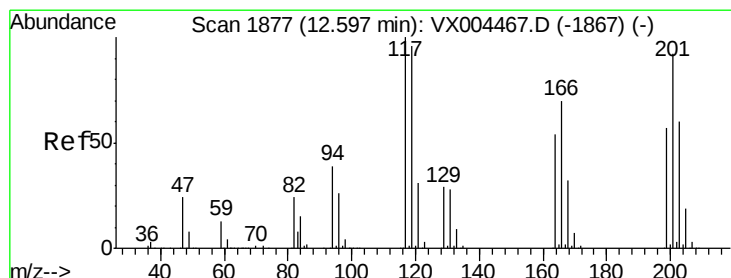
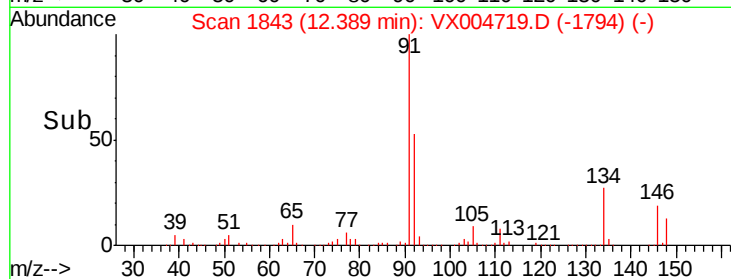
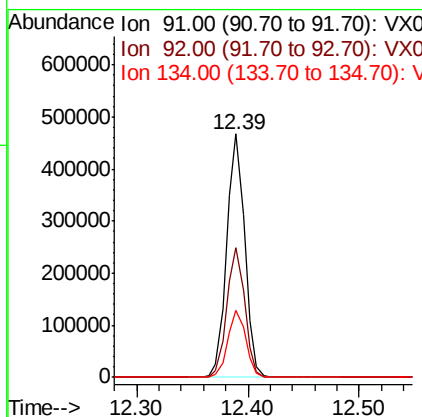
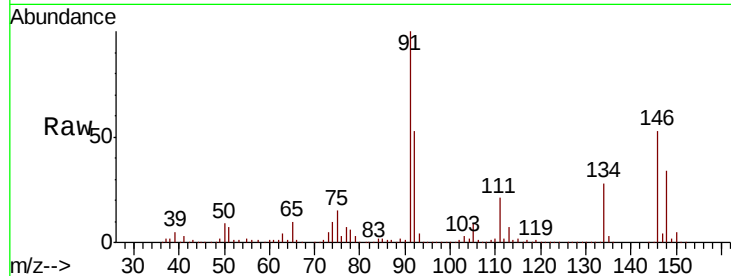




#89
n-Butylbenzene
Concen: 54.51 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

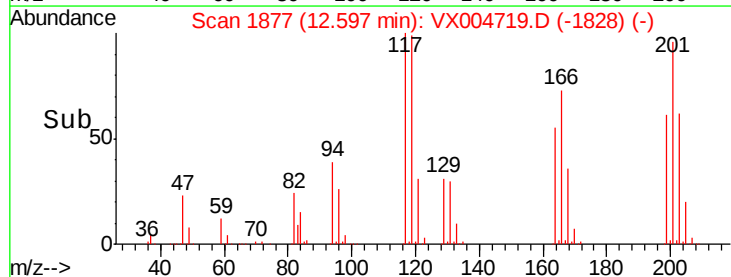
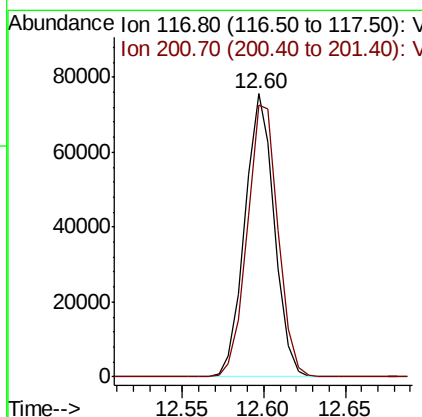
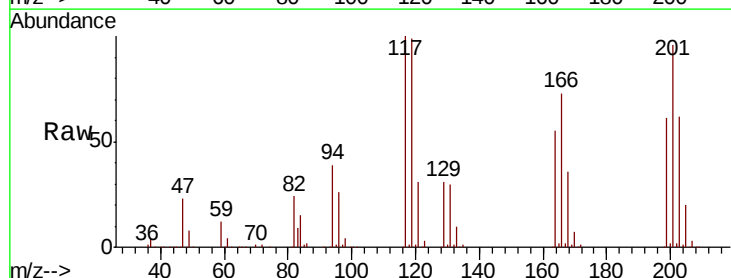
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

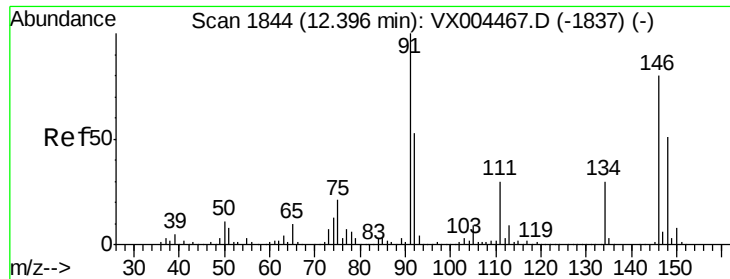
Tot Ion: 91 Resp: 521800
Ion Ratio Lower Upper
91 100
92 53.1 27.3 81.9
134 27.6 13.6 40.7



#90
Hexachloroethane
Concen: 56.55 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004719.D
Acq: 19 Sep 2018 21:13

Tgt Ion: 117 Resp: 95099
Ion Ratio Lower Upper
117 100
201 100.7 46.9 140.6

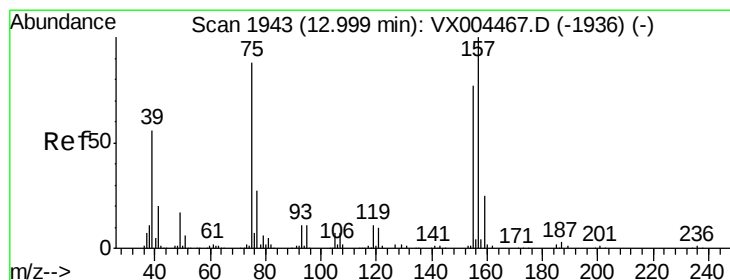
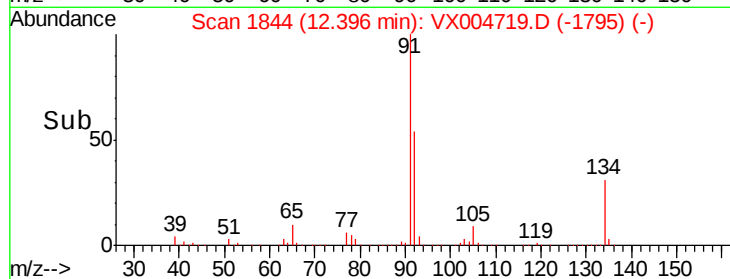
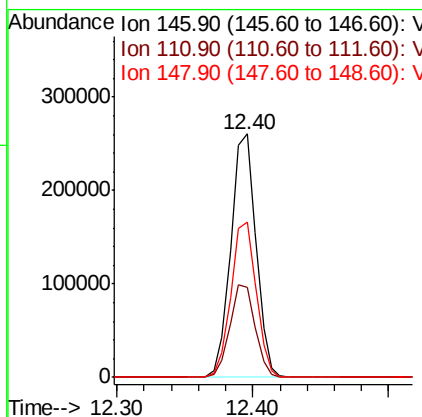
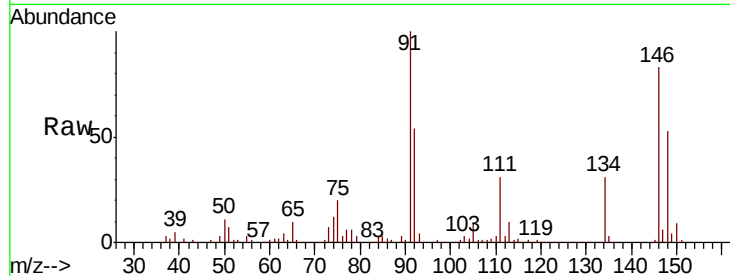




#91
 1,2-Dichlorobenzene
 Concen: 55.16 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

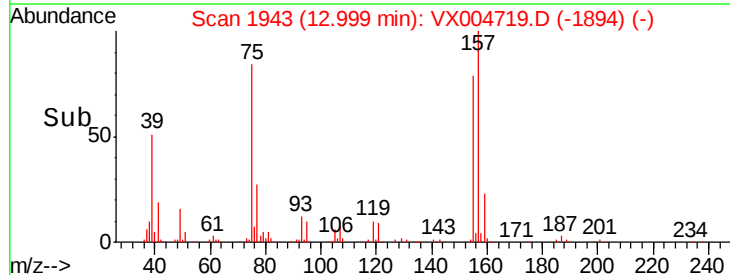
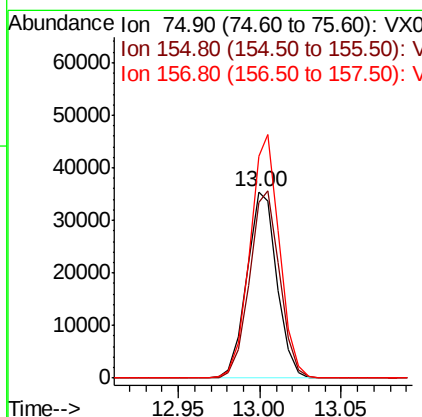
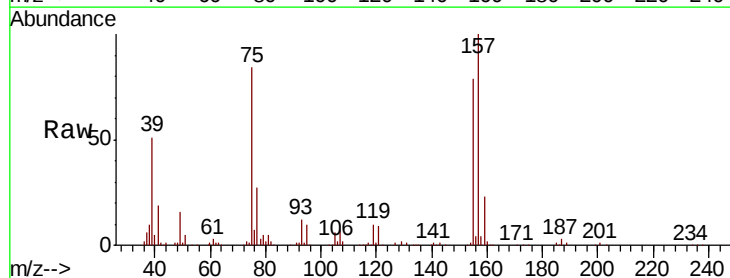
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

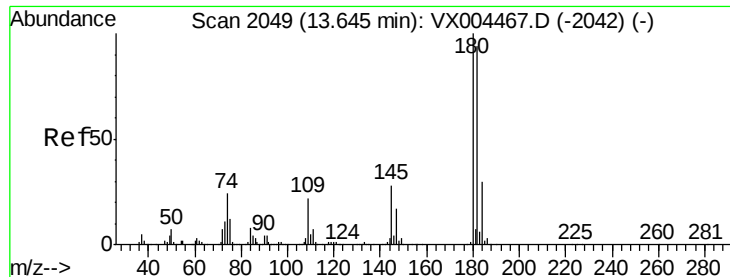
Tot Ion:146 Resp: 335875
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.1
 148 63.9 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.44 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion: 75 Resp: 45345
 Ion Ratio Lower Upper
 75 100
 155 100.7 48.0 144.2
 157 128.4 61.4 184.1

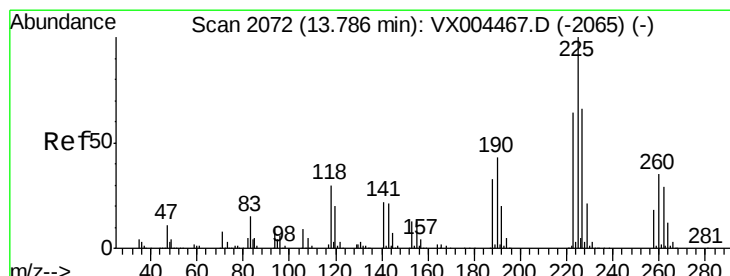
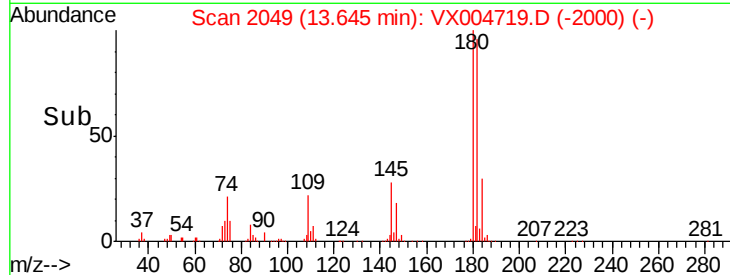
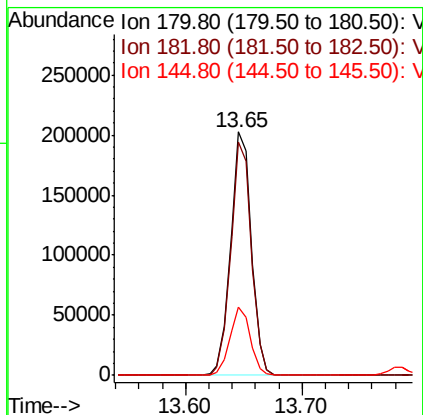
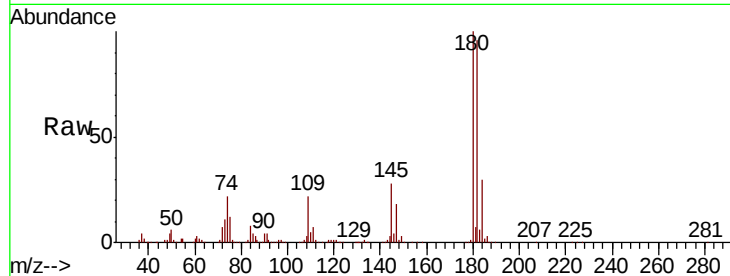




#93
 1,2,4-Trichlorobenzene
 Concen: 58.13 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

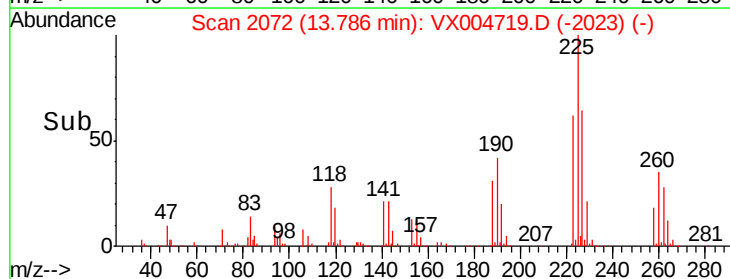
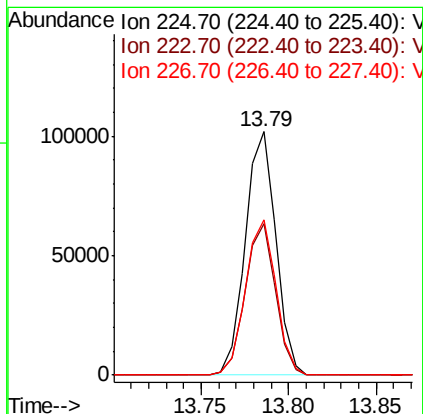
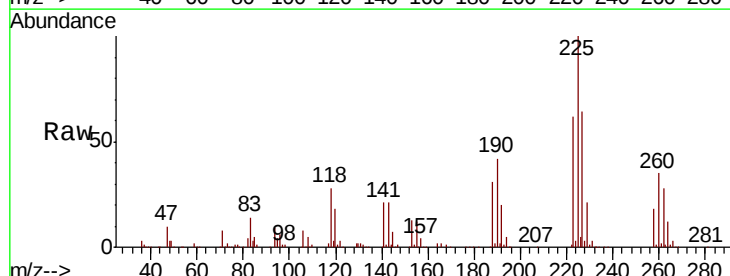
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

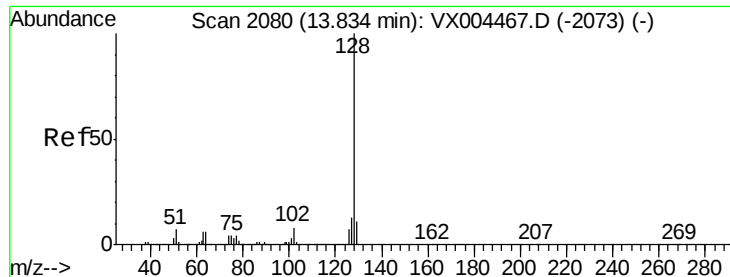
Tot Ion:180 Resp: 250594
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.0
 145 27.4 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 54.88 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004719.D
 Acq: 19 Sep 2018 21:13

Tgt Ion:225 Resp: 123598
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.1 90.5
 227 63.7 30.8 92.4





#95

Naphthalene

Concen: 60.49 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

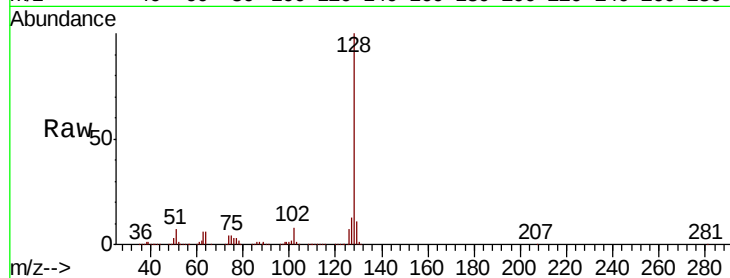
Tot Ion:128 Resp: 731376

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

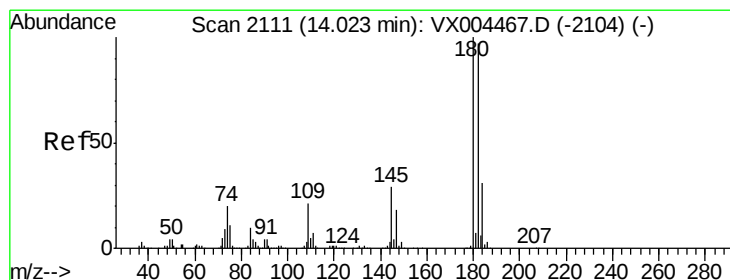
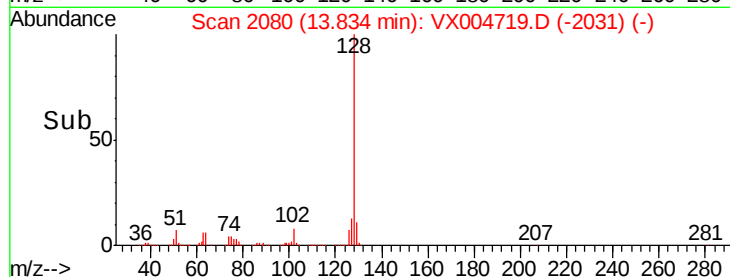
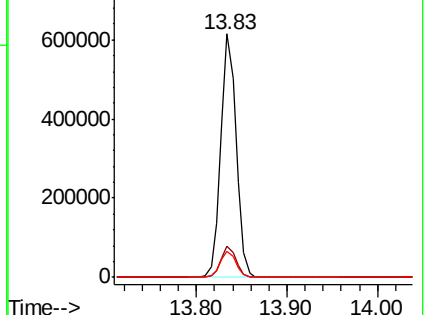
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.70 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004719.D

Acq: 19 Sep 2018 21:13

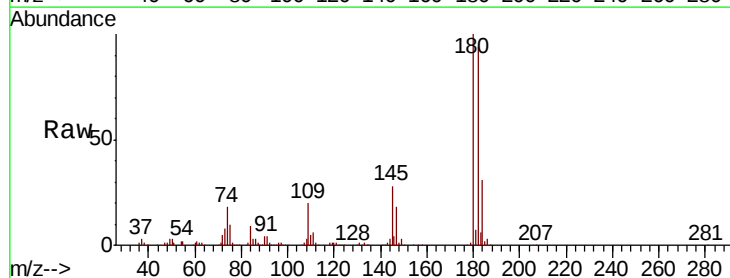
Tgt Ion:180 Resp: 255542

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 29.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

