

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004506.D
 Acq On : 13 Sep 2018 10:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 14 03:50:20 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	331947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	196951	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.50	113	170638	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	8.71	98	590702	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.14	95	220237	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145090	46.64	ug/l	96
3) Chloromethane	1.32	50	175916	41.09	ug/l	100
4) Vinyl Chloride	1.40	62	191469	43.57	ug/l	100
5) Bromomethane	1.64	94	86266	46.81	ug/l	95
6) Chloroethane	1.71	64	118656	41.76	ug/l	96
7) Trichlorofluoromethane	1.92	101	257770	44.25	ug/l	98
8) Diethyl Ether	2.19	74	115439	44.20	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	166487	45.05	ug/l	99
10) Methyl Iodide	2.51	142	191590	43.94	ug/l	97
11) Tert butyl alcohol	3.07	59	210417	206.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	156433	45.10	ug/l	90
13) Acrolein	2.29	56	74650	185.17	ug/l	98
14) Allyl chloride	2.73	41	303668	42.59	ug/l	98
15) Acrylonitrile	3.15	53	523844	212.99	ug/l	100
16) Acetone	2.45	43	413219	197.80	ug/l	97
17) Carbon Disulfide	2.57	76	440317	43.92	ug/l	97
18) Methyl Acetate	2.78	43	238799	40.74	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	543478	44.66	ug/l	95
20) Methylene Chloride	2.85	84	178101	41.56	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	168446	43.95	ug/l	94
22) Diisopropyl ether	3.87	45	587980	45.78	ug/l	95
23) Vinyl Acetate	3.82	43	2443910	235.15	ug/l	98
24) 1,1-Dichloroethane	3.69	63	320655	44.22	ug/l	98
25) 2-Butanone	4.70	43	661366	198.92	ug/l	99
26) 2,2-Dichloropropane	4.59	77	252137	50.63	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	192253	44.94	ug/l	98
28) Bromochloromethane	5.01	49	147245	44.40	ug/l	97
29) Tetrahydrofuran	5.16	42	436293	217.60	ug/l	98
30) Chloroform	5.21	83	306542	43.30	ug/l	99
31) Cyclohexane	5.57	56	295749	47.77	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	264766	46.44	ug/l	98
36) 1,1-Dichloropropene	5.80	75	243734	50.17	ug/l	98
37) Ethyl Acetate	4.85	43	247525	44.79	ug/l	99
38) Carbon Tetrachloride	5.78	117	230387	48.55	ug/l	98

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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	271646	53.58	ug/l	98
40) Benzene	6.14	78	716902	49.73	ug/l	98
41) Methacrylonitrile	5.06	41	137587	45.19	ug/l	99
42) 1,2-Dichloroethane	6.20	62	231836	48.49	ug/l	100
43) Isopropyl Acetate	6.46	43	375915	51.22	ug/l	100
44) Trichloroethene	7.21	130	181979	48.59	ug/l	96
45) 1,2-Dichloropropane	7.51	63	166489	48.00	ug/l	99
46) Dibromomethane	7.66	93	105461	48.12	ug/l	100
47) Bromodichloromethane	7.90	83	199291	48.09	ug/l	98
48) Methyl methacrylate	7.77	41	178093	49.03	ug/l	98
49) 1,4-Dioxane	7.76	88	82467	959.26	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1131391	218.44	ug/l	99
52) Toluene	8.79	92	401549	47.28	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	233324	48.20	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	254957	51.66	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	168343	46.03	ug/l	94
56) Ethyl methacrylate	9.18	69	260528	50.36	ug/l	98
57) 1,3-Dichloropropane	9.37	76	300840	50.63	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	640404	243.16	ug/l	96
59) 2-Hexanone	9.49	43	965897	243.12	ug/l	98
60) Dibromochloromethane	9.59	129	170483	49.52	ug/l	99
61) 1,2-Dibromoethane	9.67	107	170913	48.92	ug/l	99
64) Tetrachloroethene	9.34	164	229368	48.49	ug/l	94
65) Chlorobenzene	10.14	112	448495	47.66	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	157464	48.52	ug/l	99
67) Ethyl Benzene	10.25	91	766753	50.11	ug/l	98
68) m/p-Xylenes	10.36	106	605819	102.78	ug/l	98
69) o-Xylene	10.70	106	288679	50.94	ug/l	99
70) Styrene	10.71	104	486667	51.84	ug/l	99
71) Bromoform	10.86	173	128330	48.16	ug/l	99
73) Isopropylbenzene	11.02	105	784261	51.14	ug/l	100
74) N-amyl acetate	10.90	43	315883	48.94	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	223382	45.16	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	283266	60.47	ug/l	86
77) Bromobenzene	11.26	156	206290	48.67	ug/l	99
78) n-propylbenzene	11.36	91	920882	52.23	ug/l	100
79) 2-Chlorotoluene	11.42	91	528993	49.47	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	668046	51.82	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	76675	52.17	ug/l	92
82) 4-Chlorotoluene	11.51	91	629562	50.44	ug/l	99
83) tert-Butylbenzene	11.77	119	636742	51.88	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	685875	52.11	ug/l	99
85) sec-Butylbenzene	11.94	105	815065	52.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	741063	53.66	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	386465	48.87	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	391530	47.92	ug/l	99
89) n-Butylbenzene	12.39	91	668522	53.12	ug/l	98
90) Hexachloroethane	12.60	117	108644	49.14	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	385436	48.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51297	48.57	ug/l	97

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ClientSampleId :
VSTDCCC050

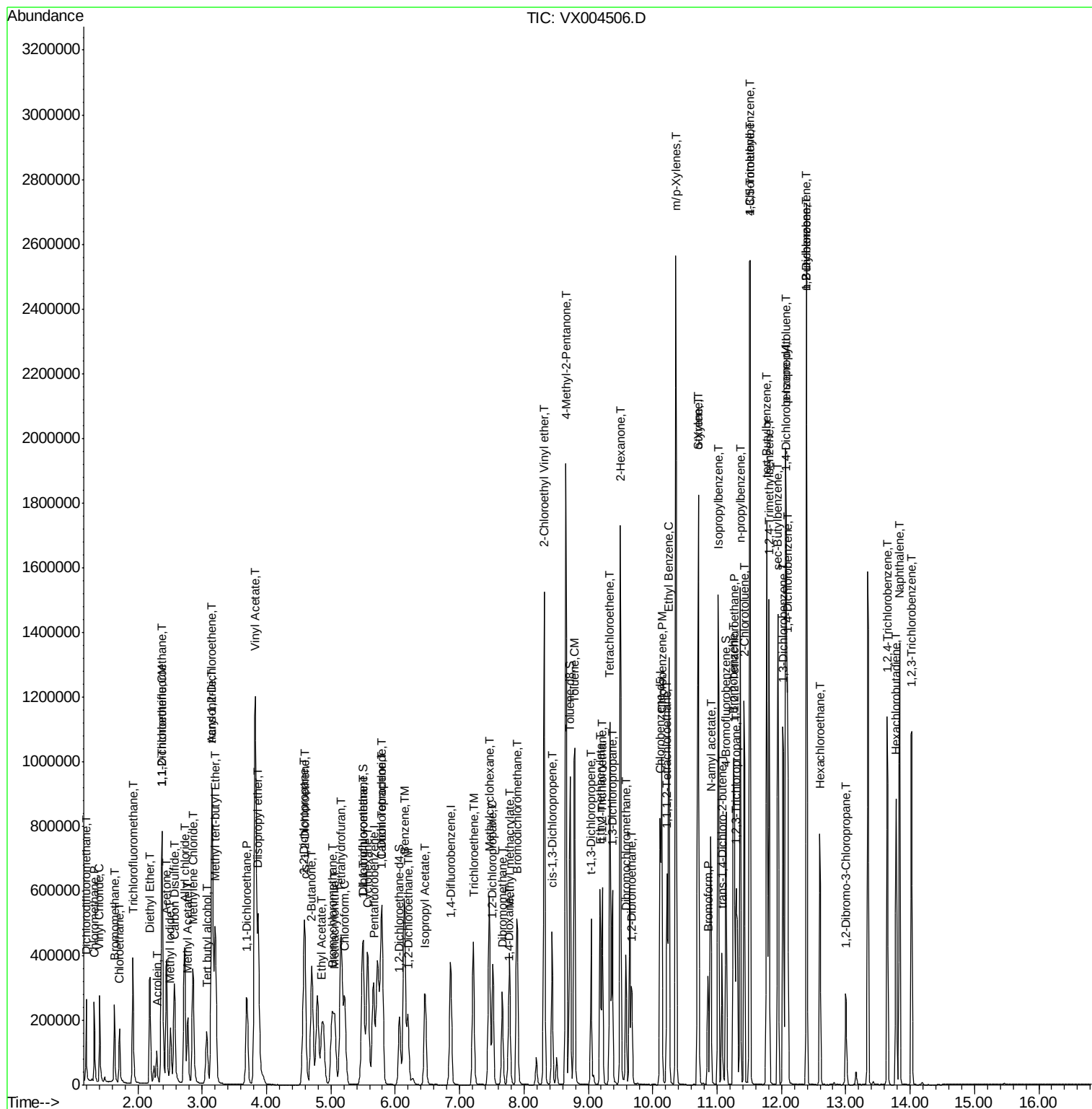
Quant Time: Sep 14 03:50:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
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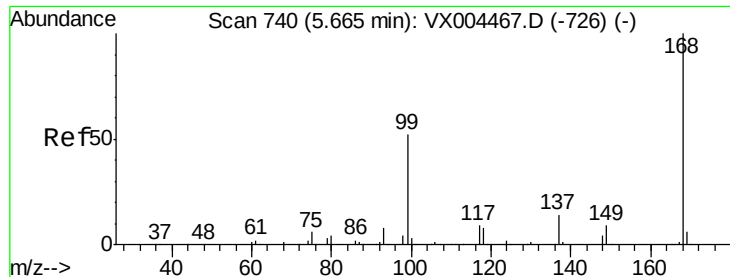
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297360	52.47	ug/l	98
94) Hexachlorobutadiene	13.79	225	149785	50.59	ug/l	97
95) Naphthalene	13.83	128	835587	52.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	296101	50.85	ug/l	99

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 14 03:50:20 2018
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

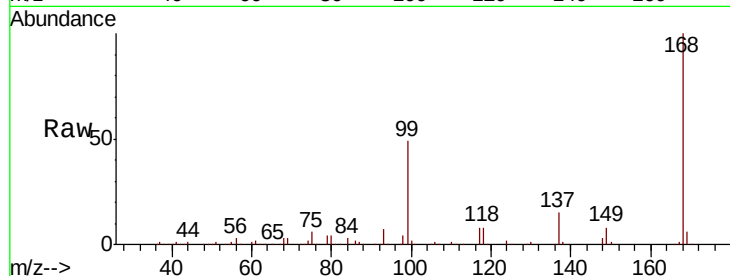
VSTDCCC050

Tot Ion:168 Resp: 331947

Ion Ratio Lower Upper

168 100

99 48.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

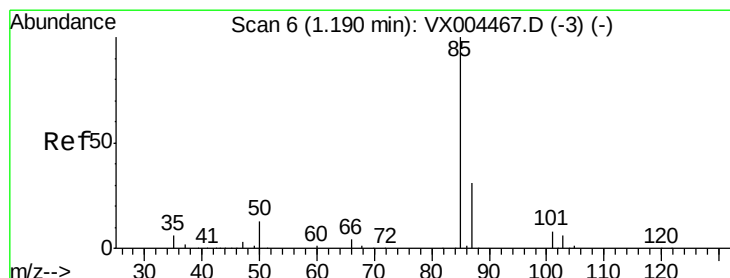
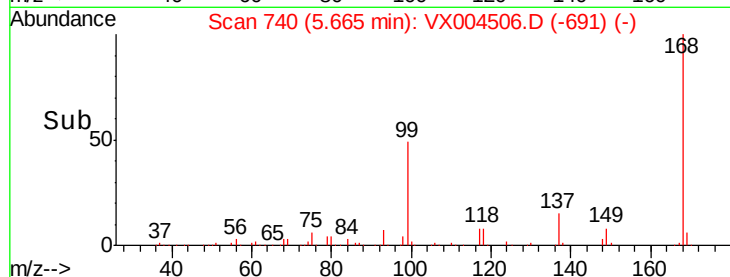
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.64 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004506.D

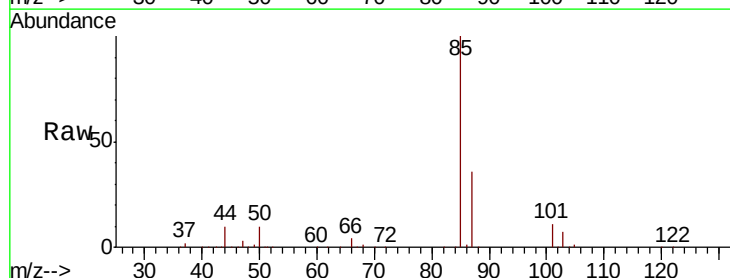
Acq: 13 Sep 2018 10:17

Tgt Ion: 85 Resp: 145090

Ion Ratio Lower Upper

85 100

87 35.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

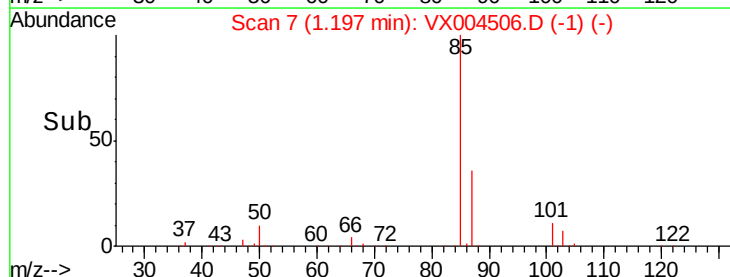
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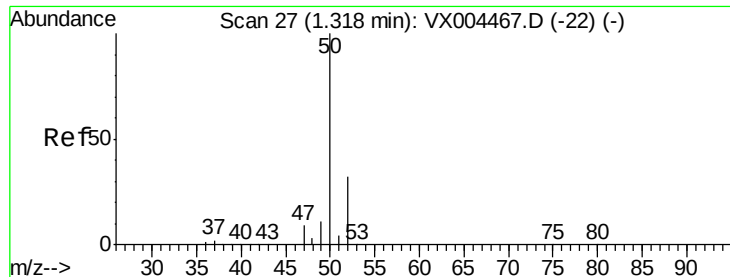
100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.09 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

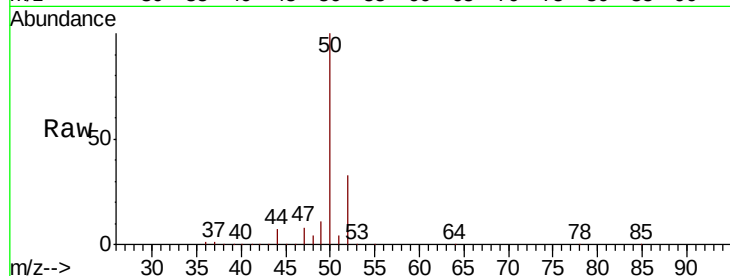
VSTDCCC050

Tot Ion: 50 Resp: 175916

Ion Ratio Lower Upper

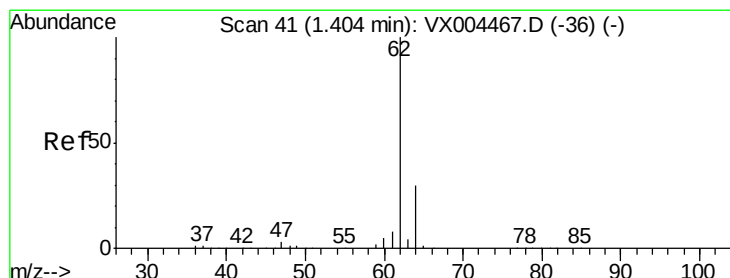
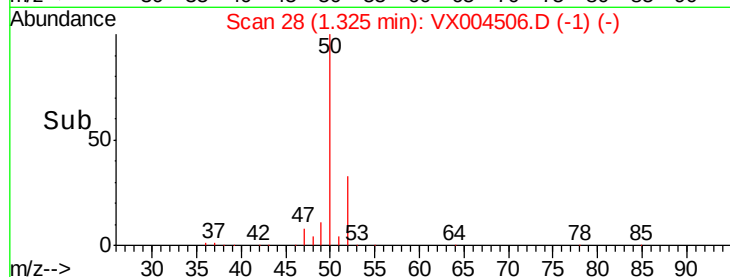
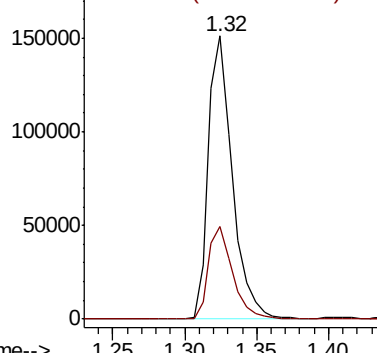
50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.57 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004506.D

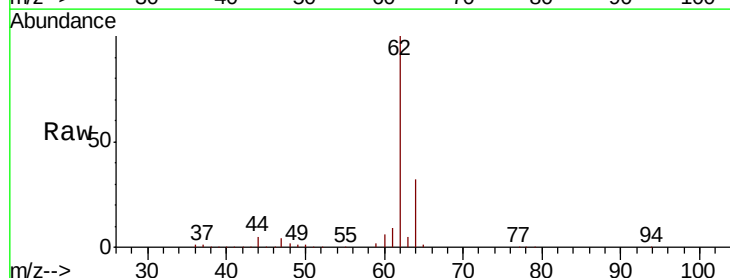
Acq: 13 Sep 2018 10:17

Tgt Ion: 62 Resp: 191469

Ion Ratio Lower Upper

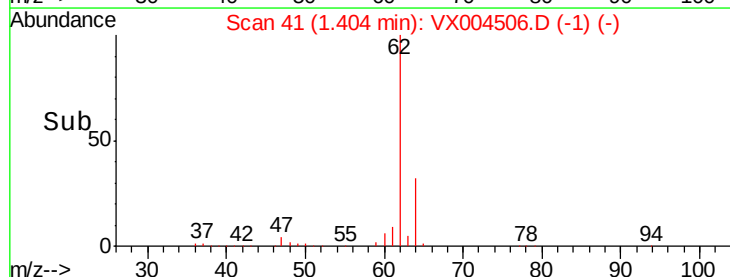
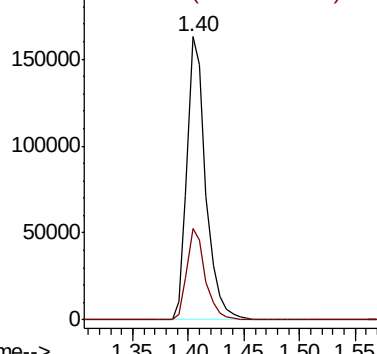
62 100

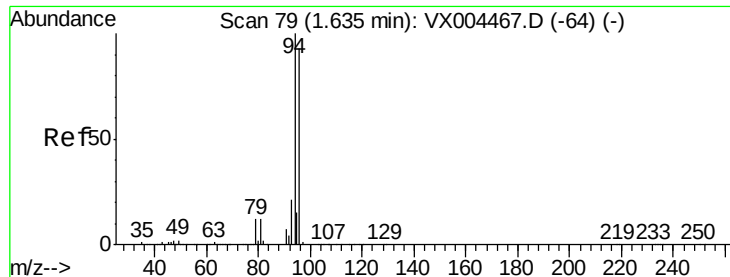
64 32.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.81 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

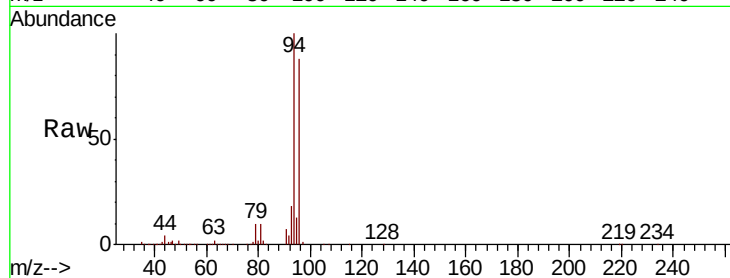
VSTDCCC050

Tot Ion: 94 Resp: 86266

Ion Ratio Lower Upper

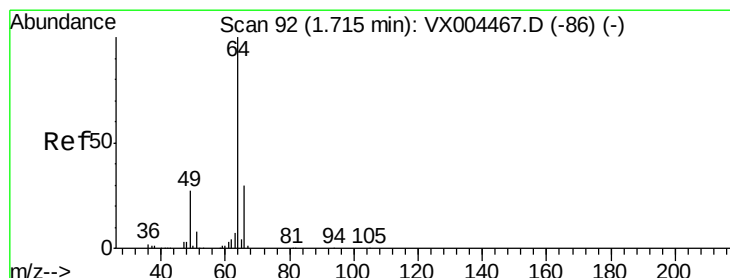
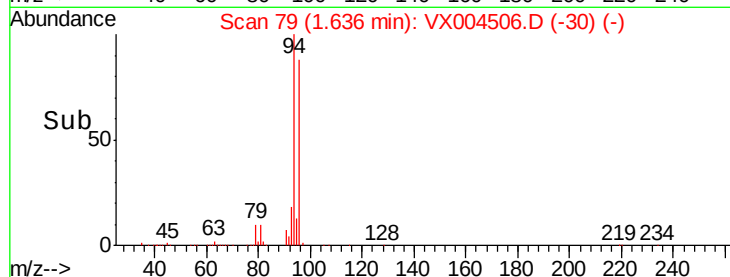
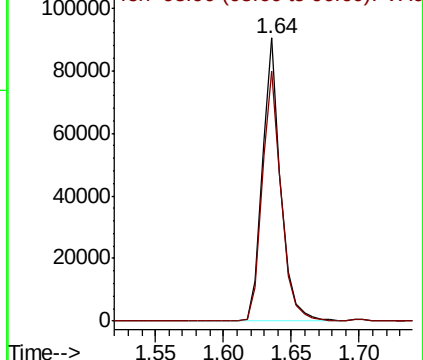
94 100

96 88.2 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: 41.76 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004506.D

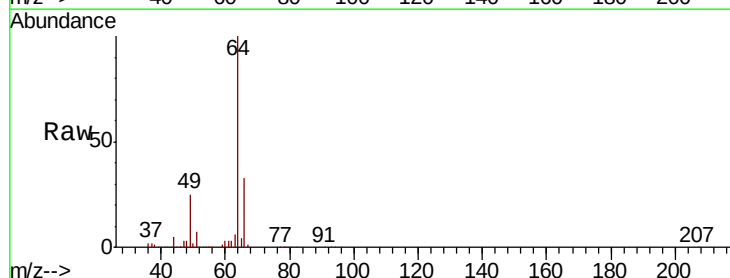
Acq: 13 Sep 2018 10:17

Tgt Ion: 64 Resp: 118656

Ion Ratio Lower Upper

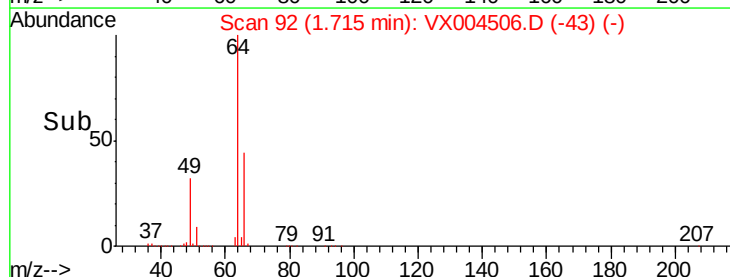
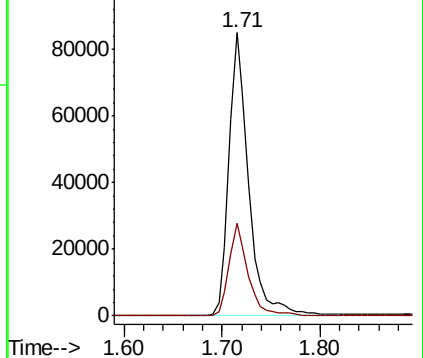
64 100

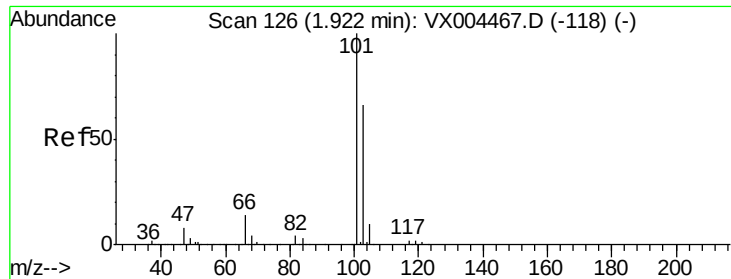
66 32.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



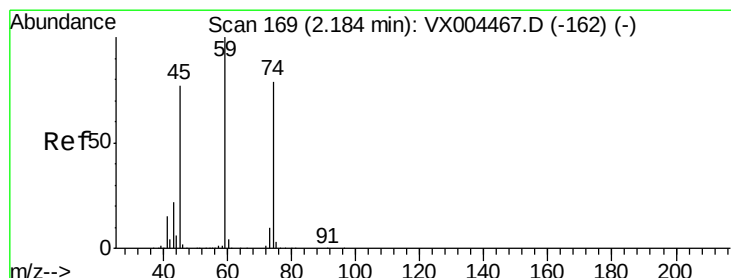
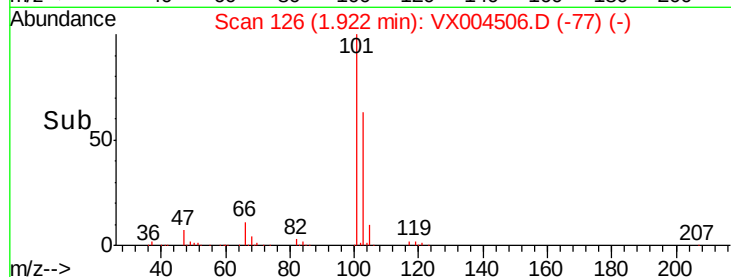
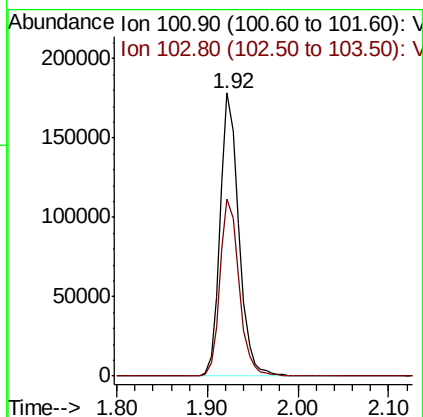
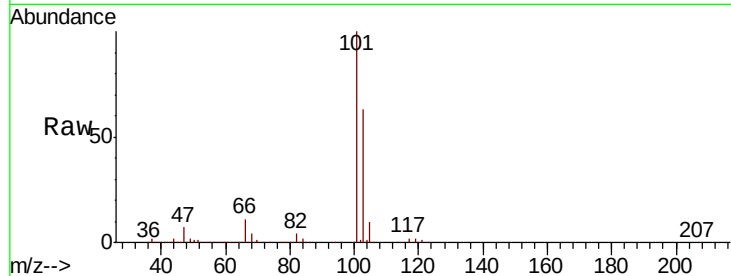


#7

Trichlorofluoromethane
 Concen: 44.25 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Instrument :
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 ClientSampleId :
 VSTDCCC050

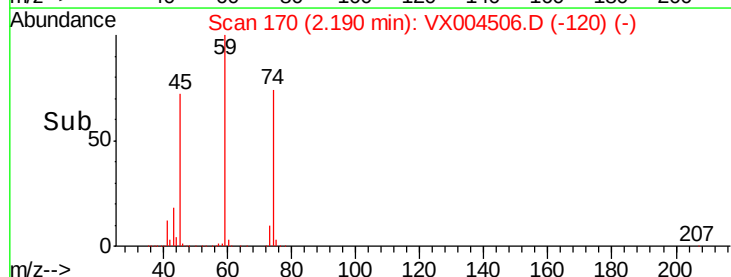
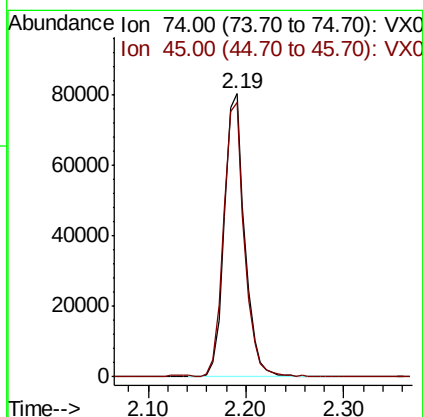
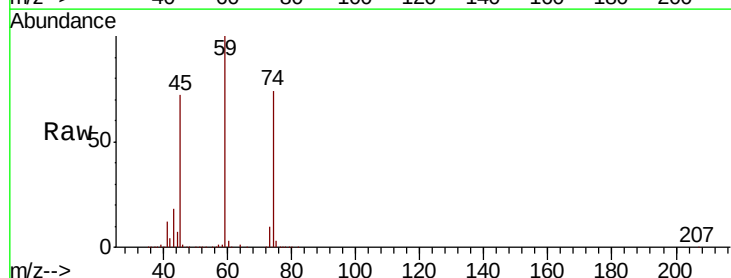
Tot Ion:101 Resp: 257770
 Ion Ratio Lower Upper
 101 100
 103 62.6 48.9 73.3

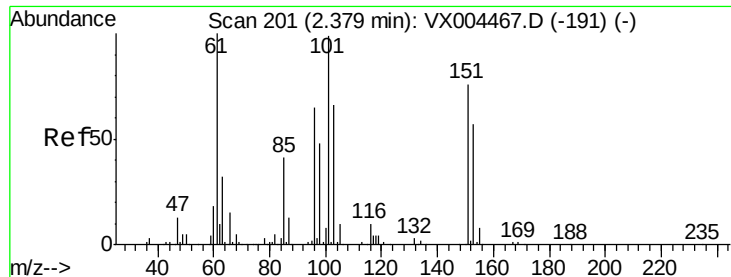


#8

Diethyl Ether
 Concen: 44.20 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion: 74 Resp: 115439
 Ion Ratio Lower Upper
 74 100
 45 98.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.05 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

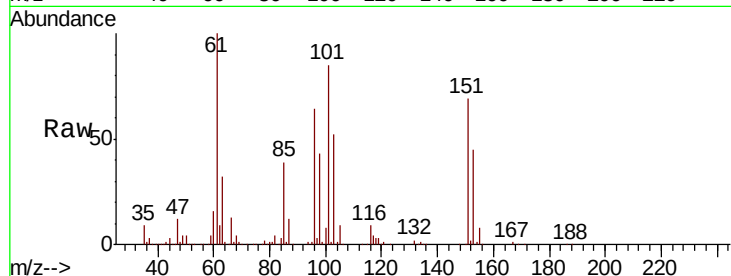
Tot Ion:101 Resp: 166487

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

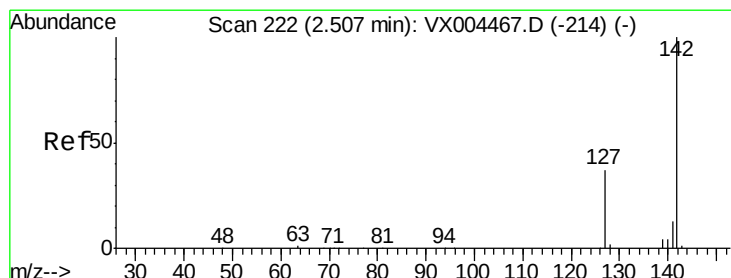
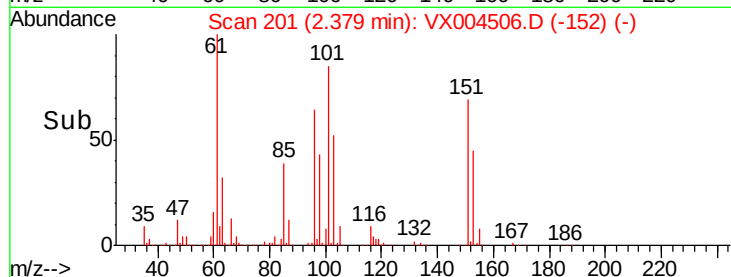
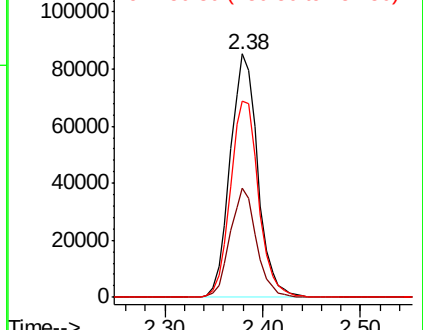
151 82.8 65.0 97.6



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: 43.94 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

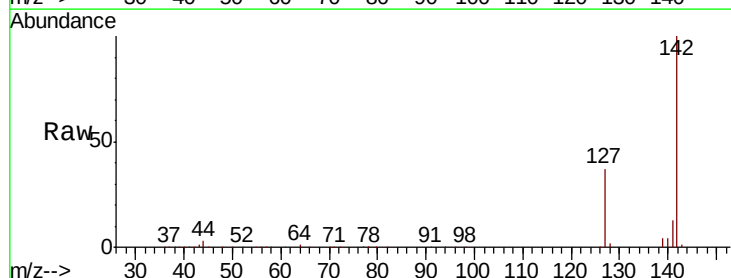
Tgt Ion:142 Resp: 191590

Ion Ratio Lower Upper

142 100

127 39.7 33.8 50.6

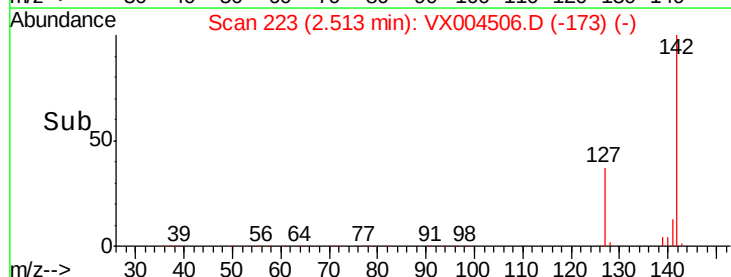
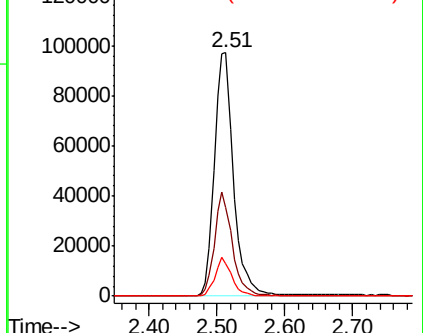
141 14.1 11.4 17.0

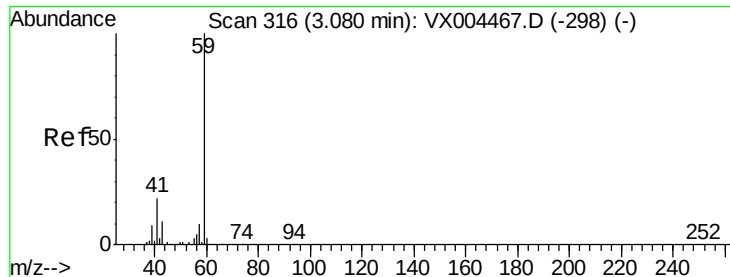


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



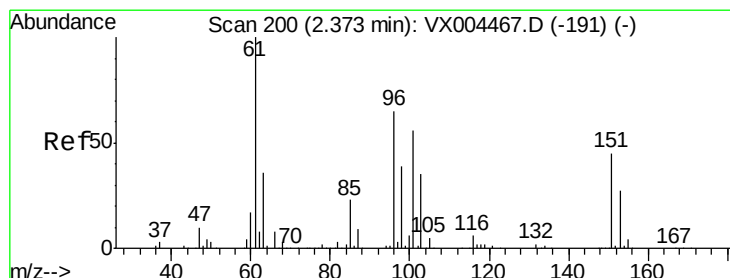
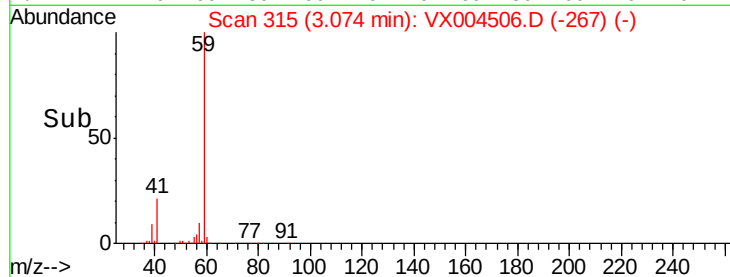
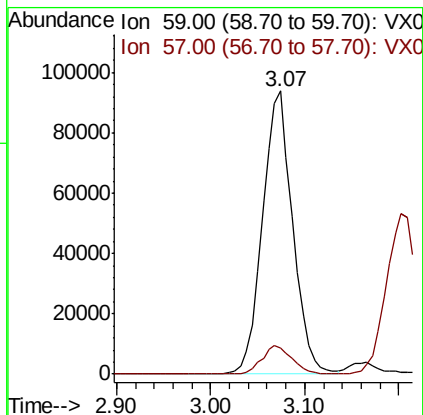
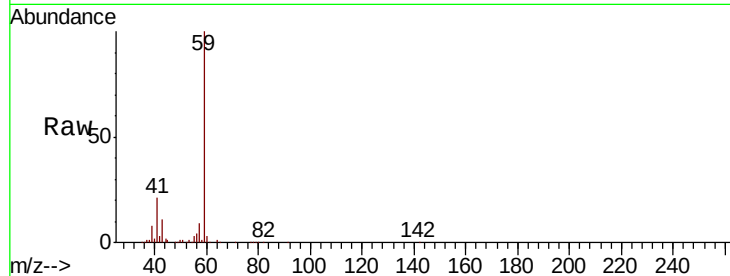


#11

Tert butyl alcohol
Concen: 206.03 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

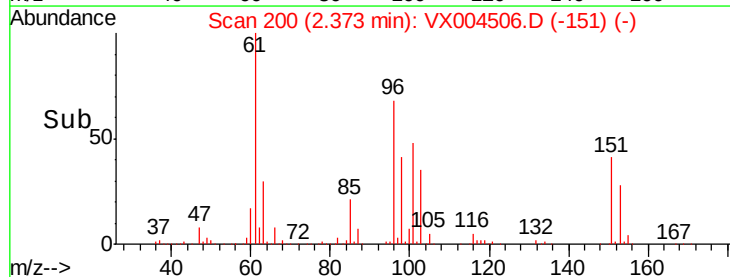
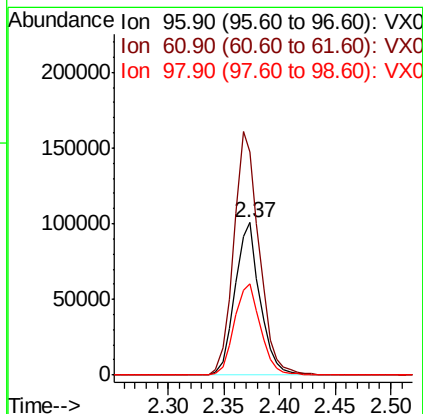
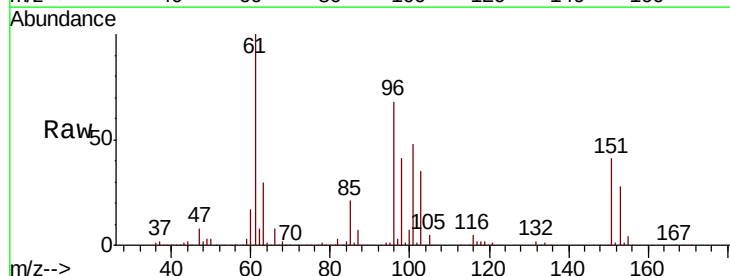
Tot Ion: 59 Resp: 210417
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

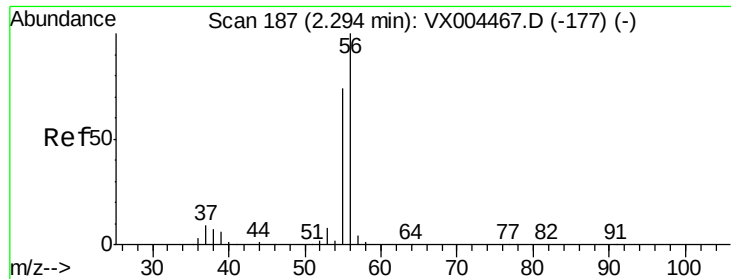


#12

1,1-Dichloroethene
Concen: 45.10 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Tgt Ion: 96 Resp: 156433
Ion Ratio Lower Upper
96 100
61 146.2 128.8 193.2
98 59.8 52.2 78.2





#13

Acrolein

Concen: 185.17 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

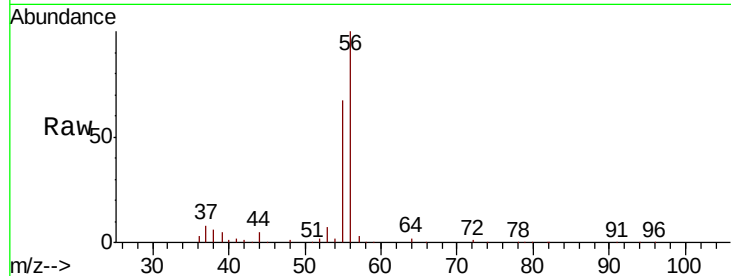
VSTDCCC050

Tot Ion: 56 Resp: 74650

Ion Ratio Lower Upper

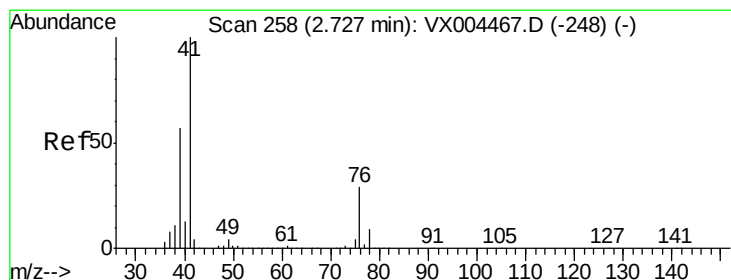
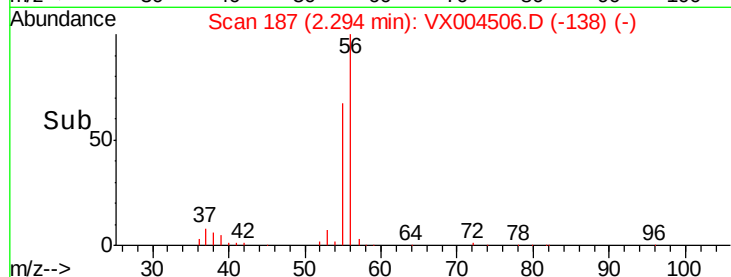
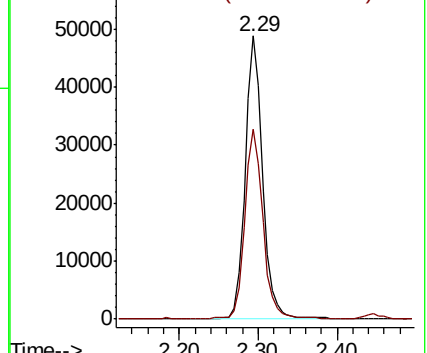
56 100

55 69.9 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 42.59 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

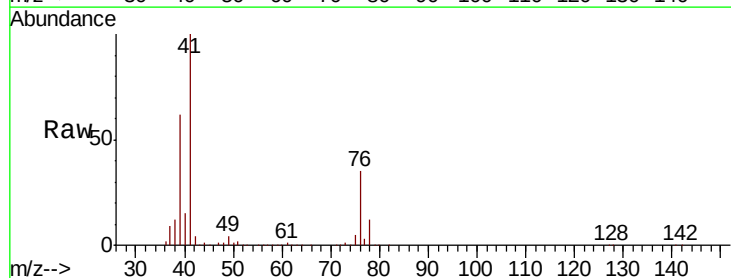
Tgt Ion: 41 Resp: 303668

Ion Ratio Lower Upper

41 100

39 58.4 48.9 73.3

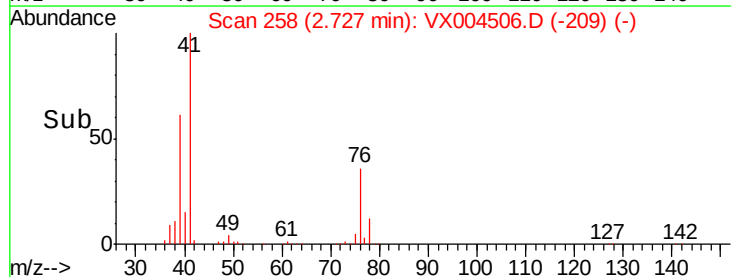
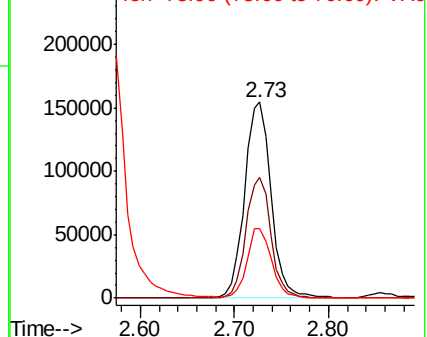
76 33.1 26.7 40.1

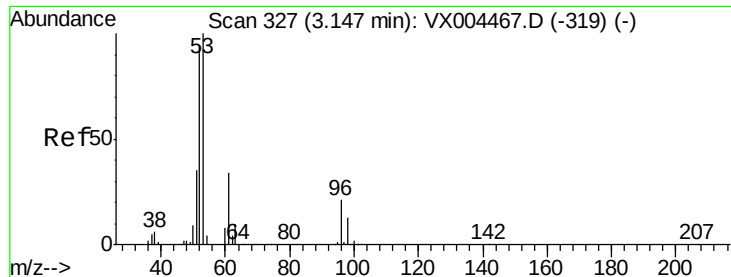


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 212.99 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

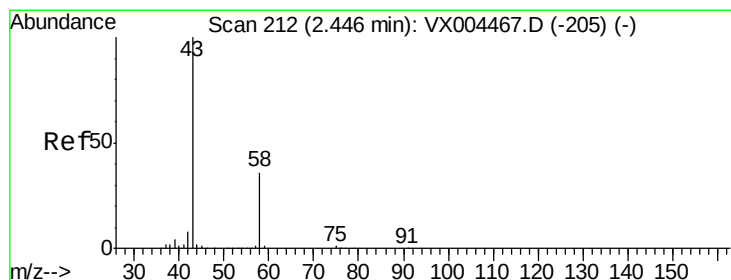
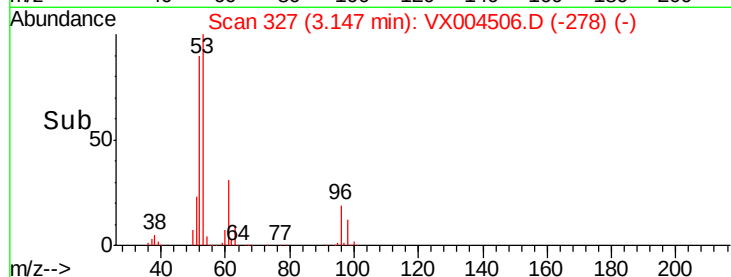
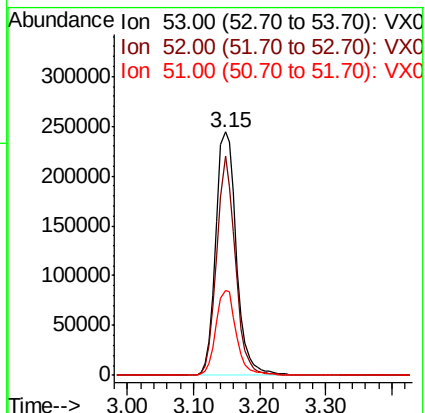
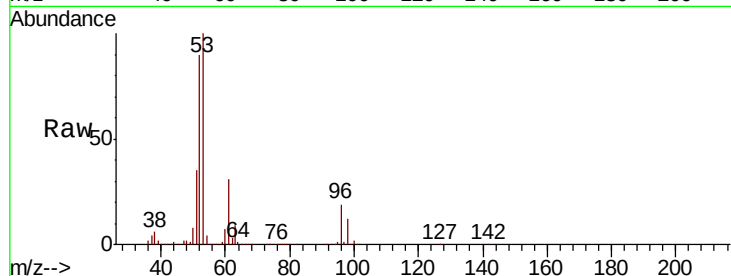
Tot Ion: 53 Resp: 523844

Ion Ratio Lower Upper

53 100

52 81.4 65.2 97.8

51 34.6 28.2 42.2



#16

Acetone

Concen: 197.80 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004506.D

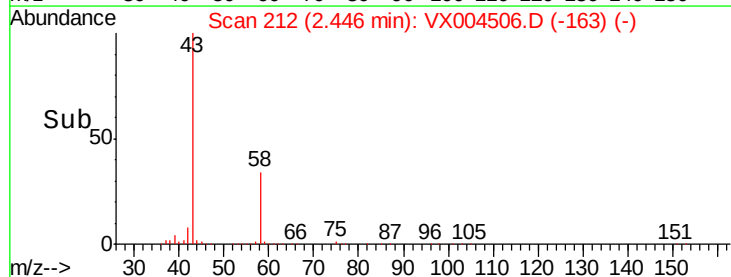
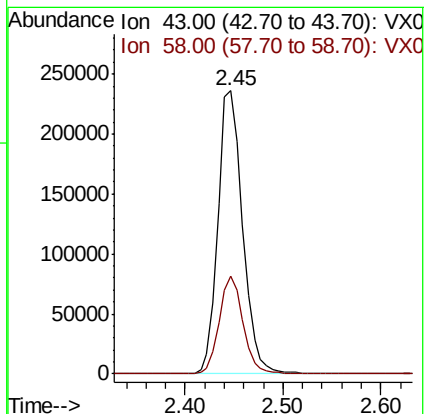
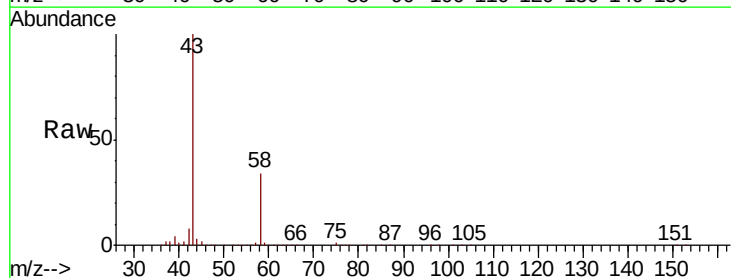
Acq: 13 Sep 2018 10:17

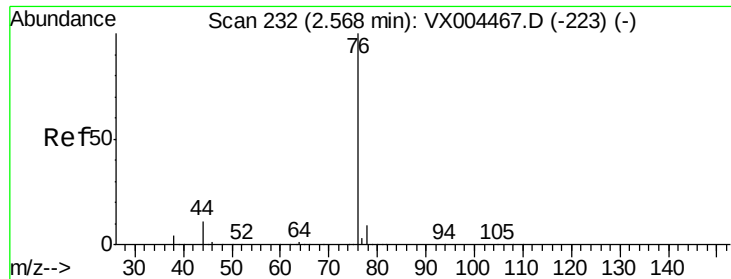
Tgt Ion: 43 Resp: 413219

Ion Ratio Lower Upper

43 100

58 34.4 26.2 39.4





#17

Carbon Disulfide

Concen: 43.92 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

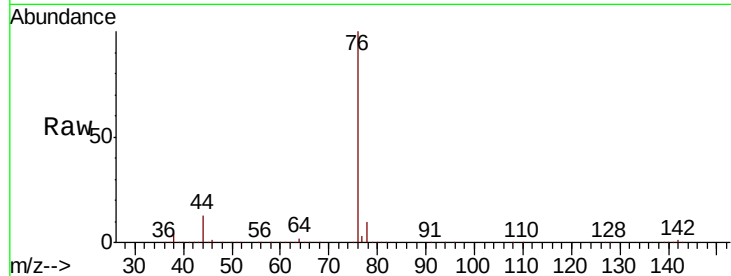
VSTDCCC050

Tot Ion: 76 Resp: 440317

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250000

200000

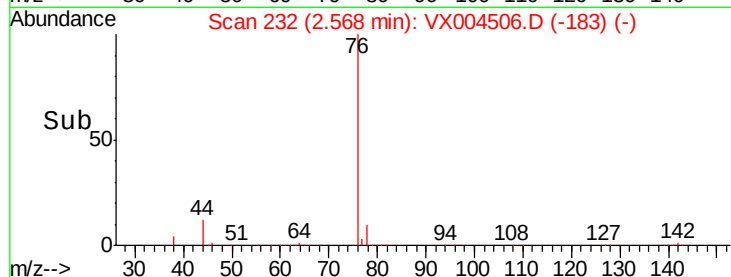
150000

100000

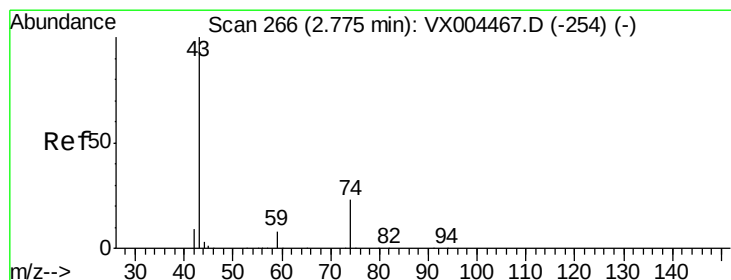
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 40.74 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004506.D

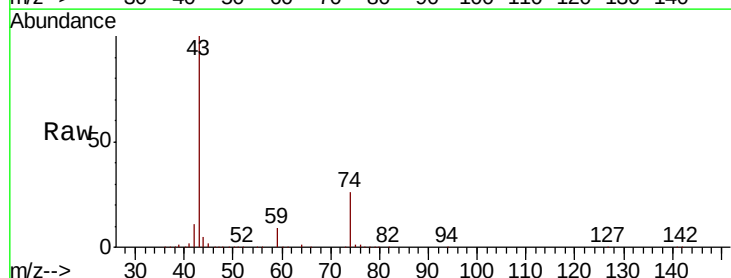
Acq: 13 Sep 2018 10:17

Tgt Ion: 43 Resp: 238799

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

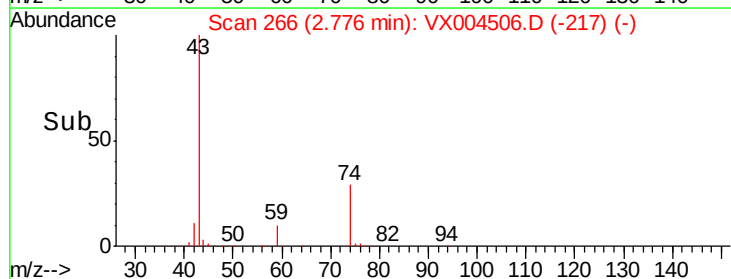
150000

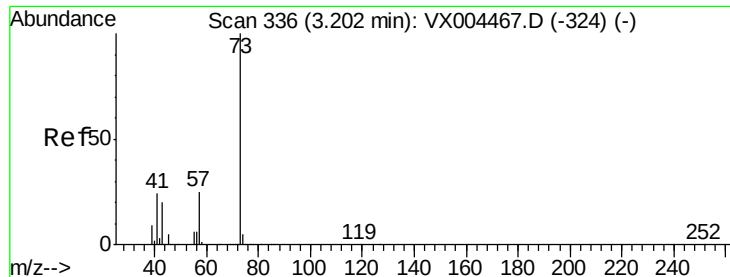
100000

50000

0

Time-->



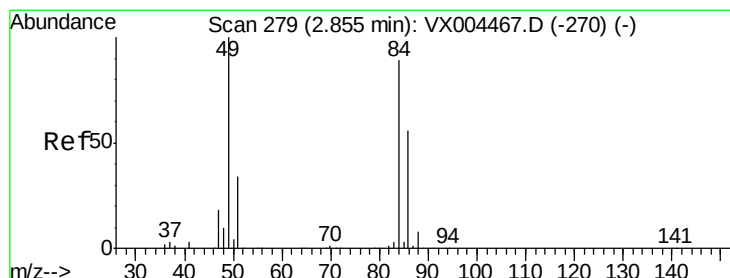
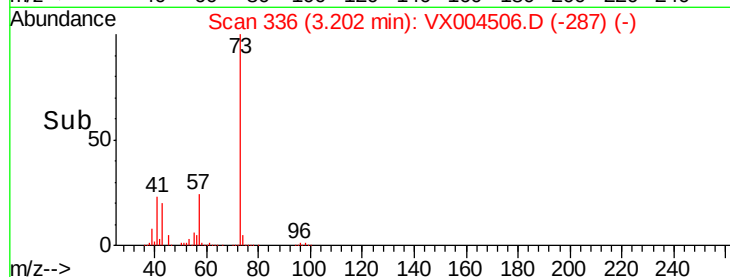
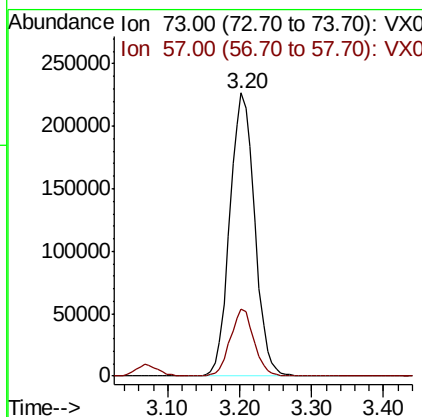
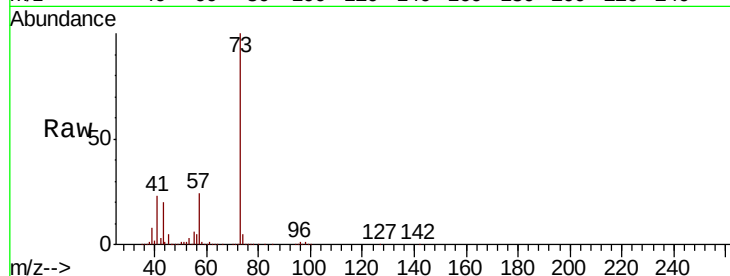


#19

Methyl tert-butyl Ether
 Concen: 44.66 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

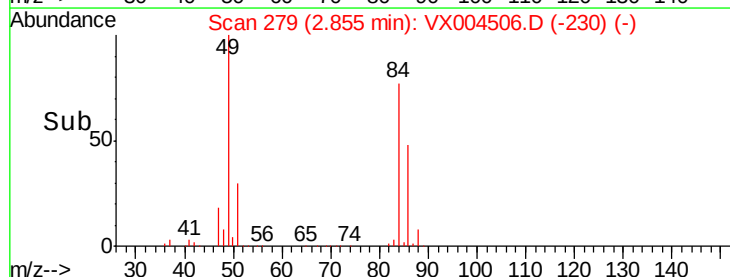
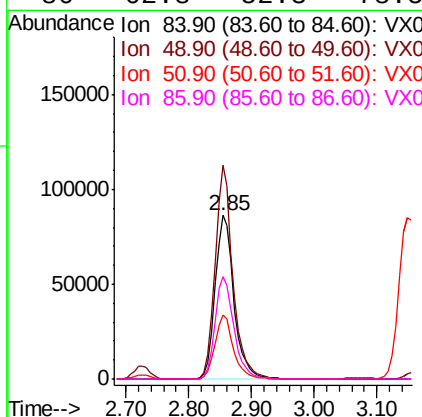
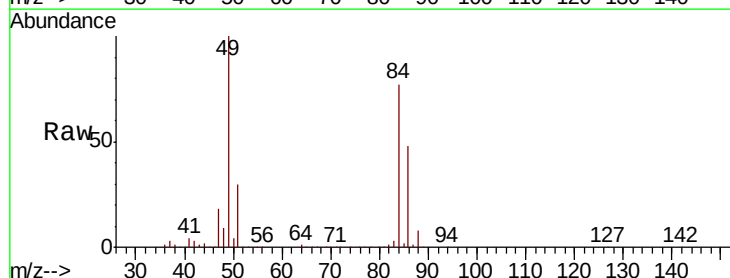
Tot Ion: 73 Resp: 543478
 Ion Ratio Lower Upper
 73 100
 57 23.6 17.1 25.7

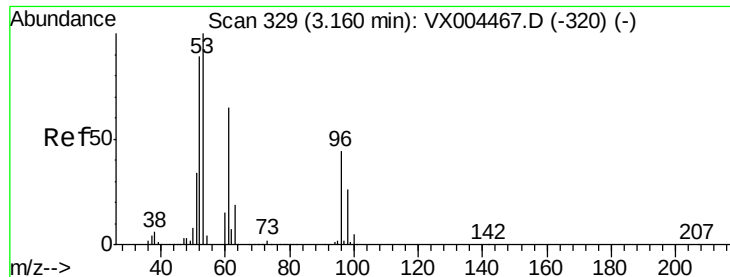


#20

Methylene Chloride
 Concen: 41.56 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion: 84 Resp: 178101
 Ion Ratio Lower Upper
 84 100
 49 130.7 101.2 151.8
 51 39.2 29.5 44.3
 86 62.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 43.95 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

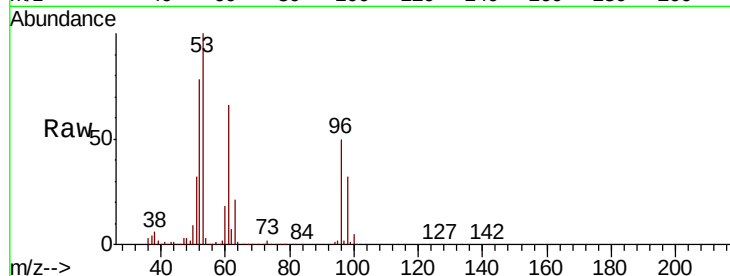
Tot Ion: 96 Resp: 168446

Ion Ratio Lower Upper

96 100

61 132.1 113.8 170.6

98 64.3 51.8 77.8

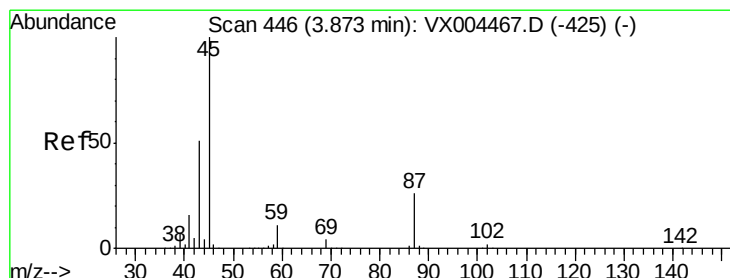
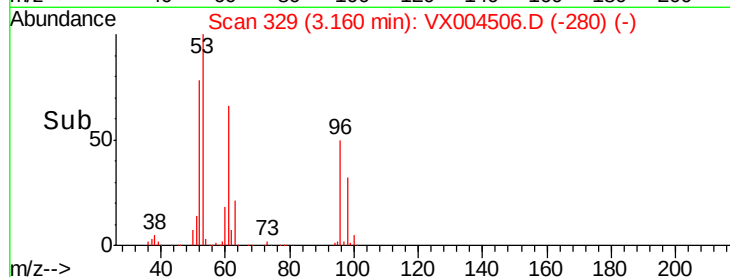
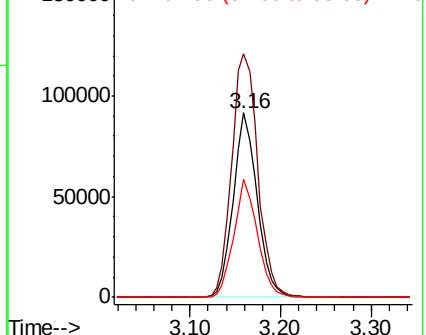


Abundance

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: 45.78 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Tgt Ion: 45 Resp: 587980

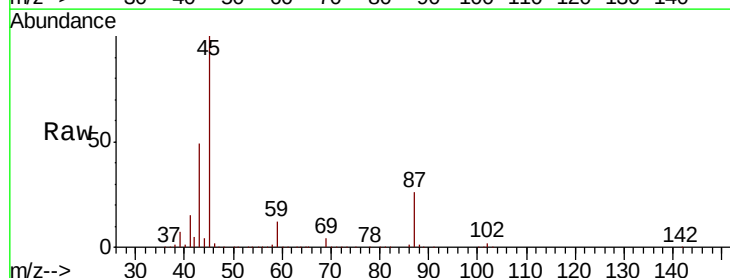
Ion Ratio Lower Upper

45 100

43 48.7 42.8 64.2

87 25.6 22.6 34.0

59 11.7 9.6 14.4



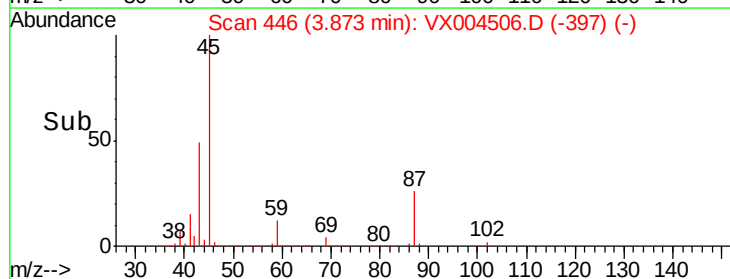
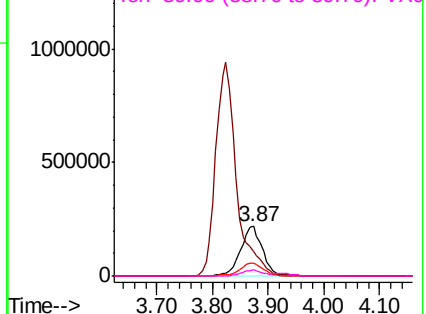
Abundance

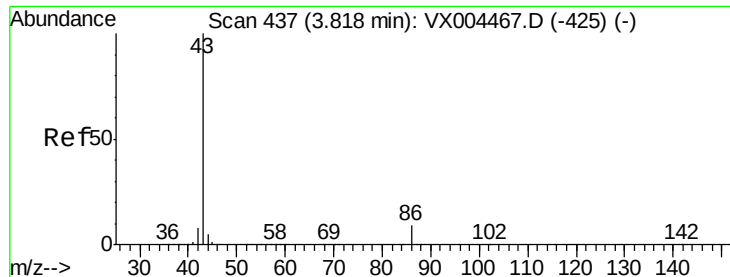
Ion 45.00 (44.70 to 45.70): VX0

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: 235.15 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

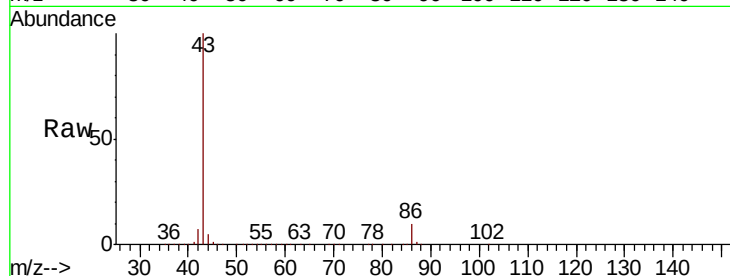
VSTDCCC050

Tot Ion: 43 Resp: 2443910

Ion Ratio Lower Upper

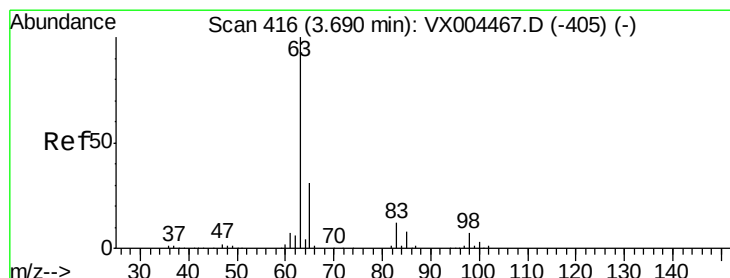
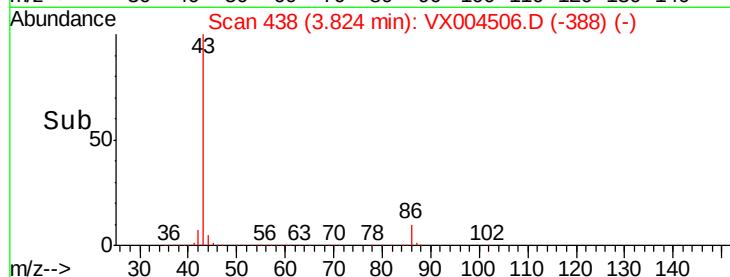
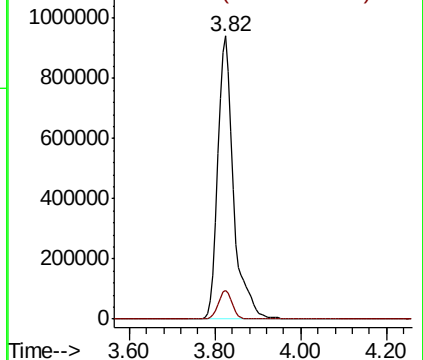
43 100

86 10.3 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: 44.22 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

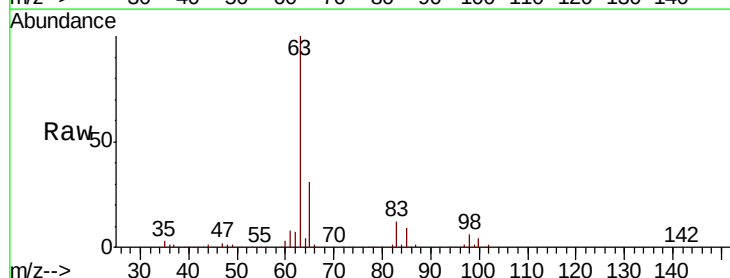
Tgt Ion: 63 Resp: 320655

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

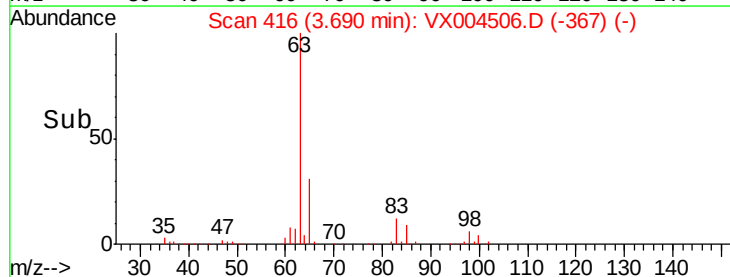
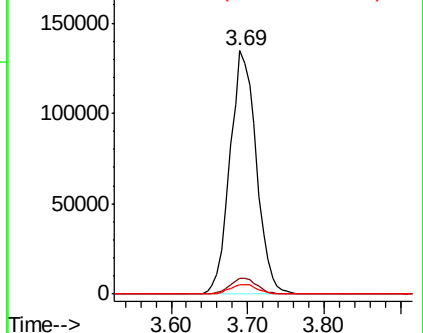
100 3.9 2.4 7.1

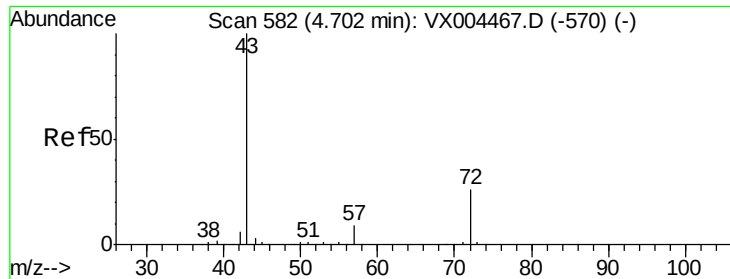


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 198.92 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampled :

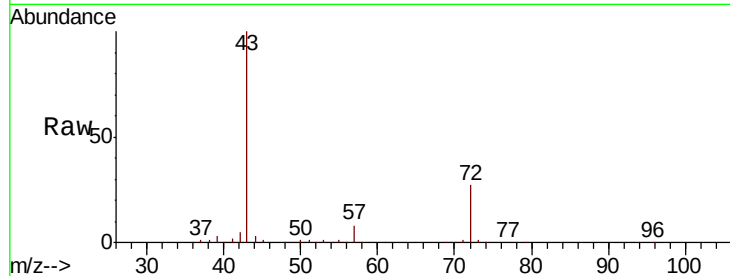
VSTDCCC050

Tot Ion: 43 Resp: 661366

Ion Ratio Lower Upper

43 100

72 27.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

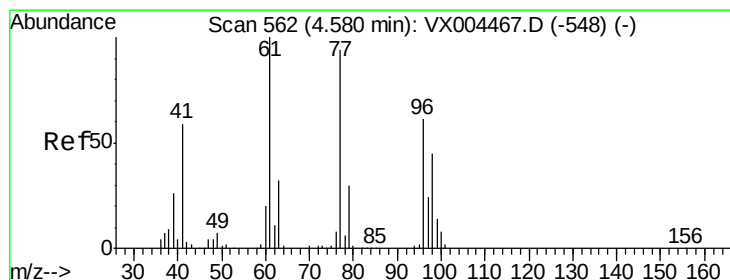
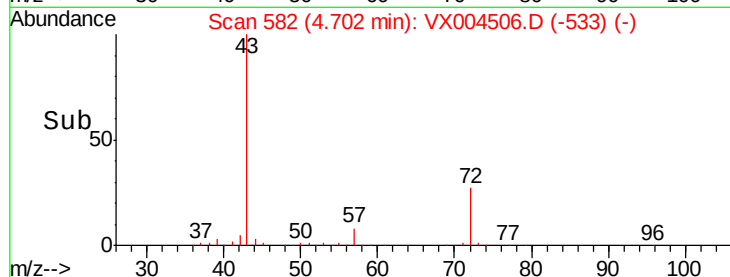
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.63 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004506.D

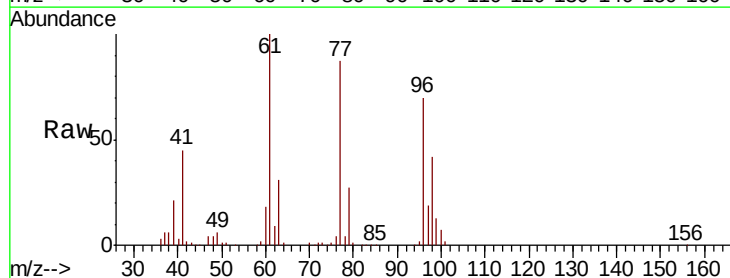
Acq: 13 Sep 2018 10:17

Tgt Ion: 77 Resp: 252137

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

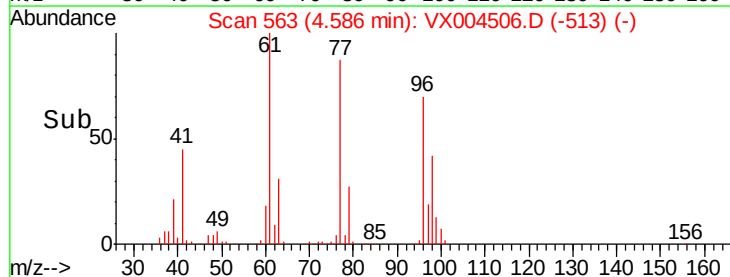
40000

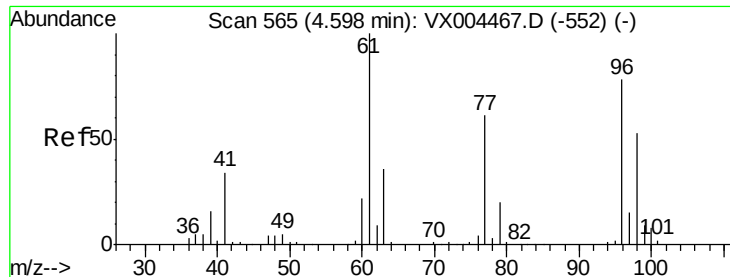
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 44.94 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

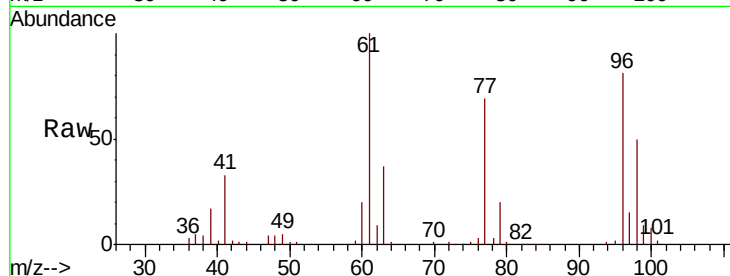
Tot Ion: 96 Resp: 192253

Ion Ratio Lower Upper

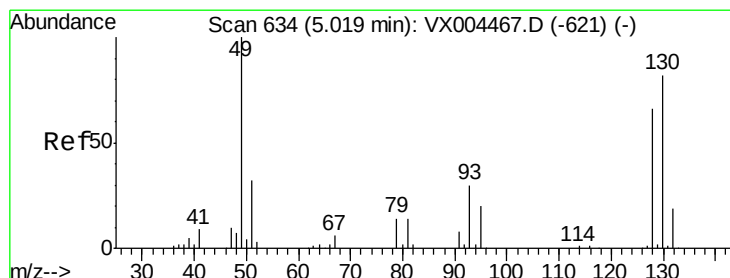
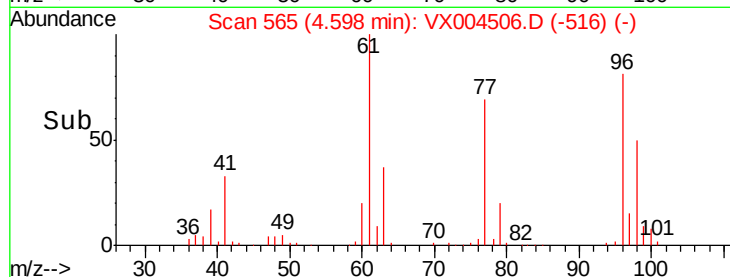
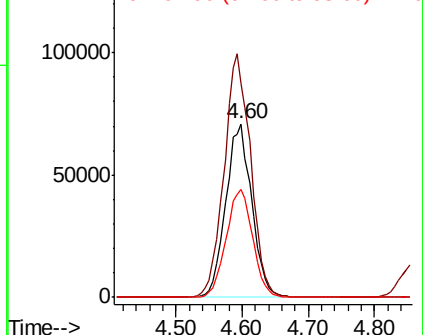
96 100

61 143.5 0.0 282.6

98 63.6 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: 44.40 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

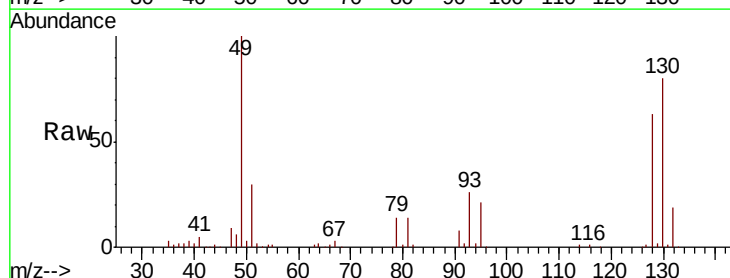
Tgt Ion: 49 Resp: 147245

Ion Ratio Lower Upper

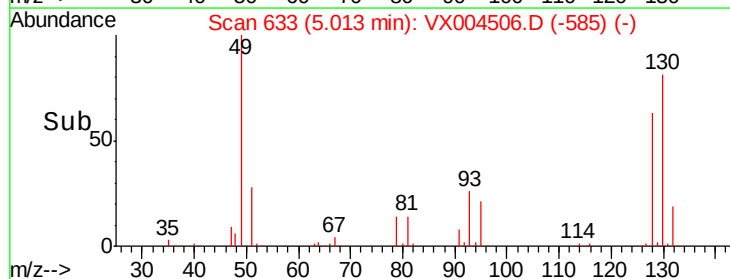
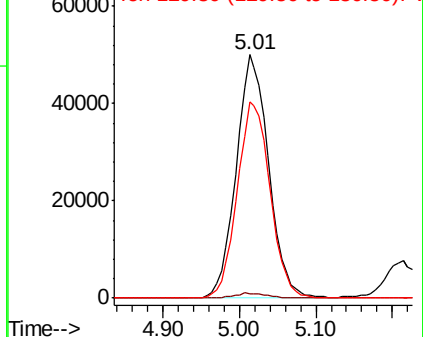
49 100

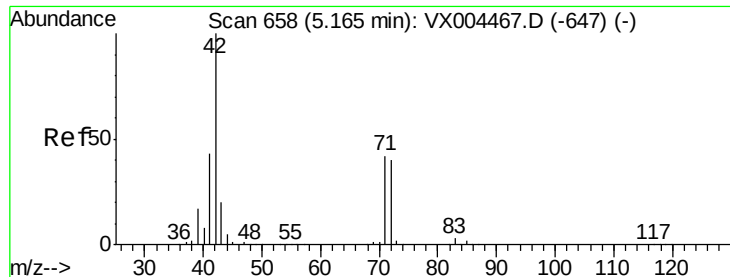
129 2.0 0.0 4.2

130 81.8 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: 217.60 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

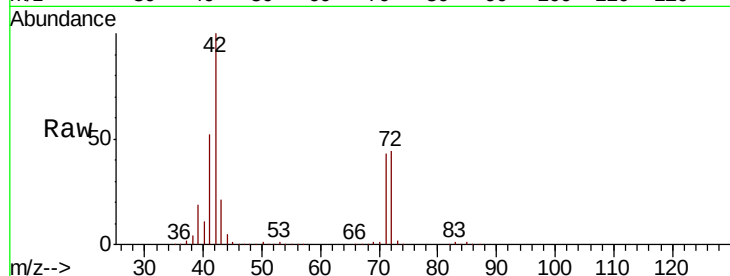
Tot Ion: 42 Resp: 436293

Ion Ratio Lower Upper

42 100

72 45.0 37.4 56.0

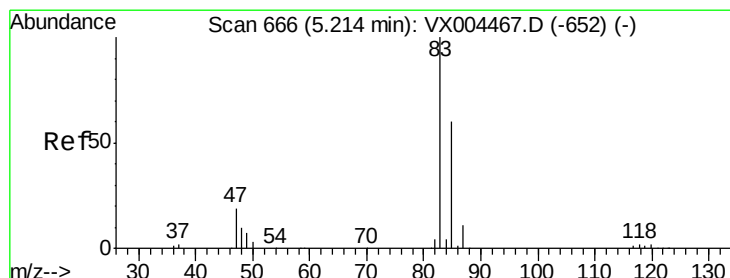
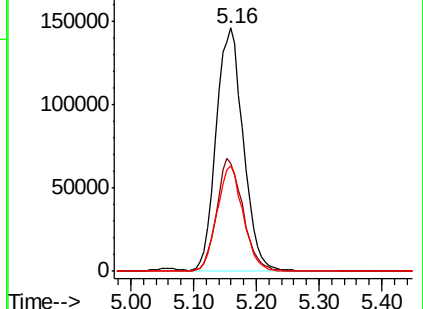
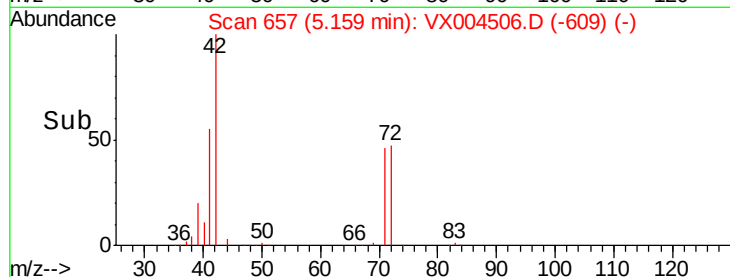
71 42.1 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 43.30 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004506.D

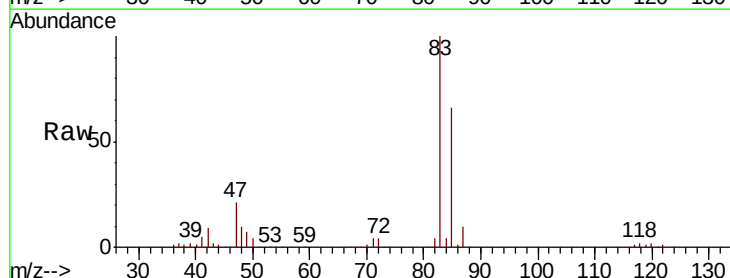
Acq: 13 Sep 2018 10:17

Tgt Ion: 83 Resp: 306542

Ion Ratio Lower Upper

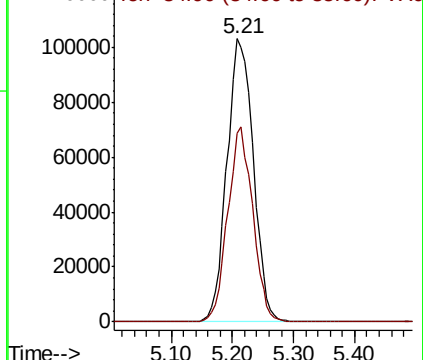
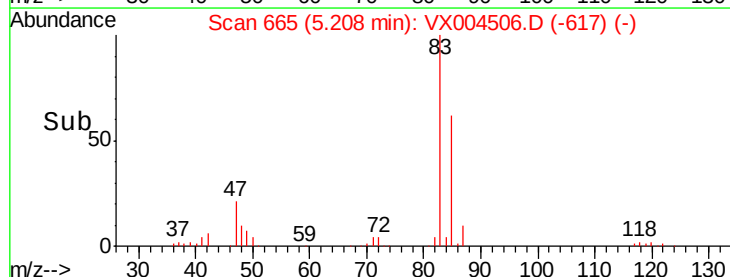
83 100

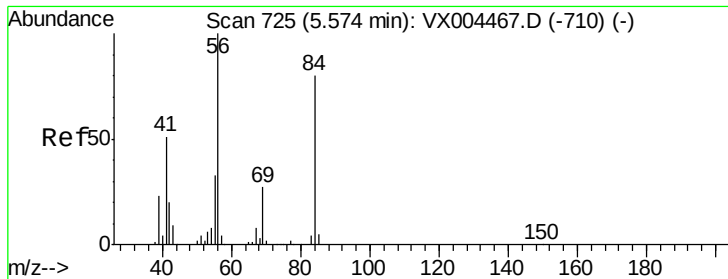
85 66.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.77 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

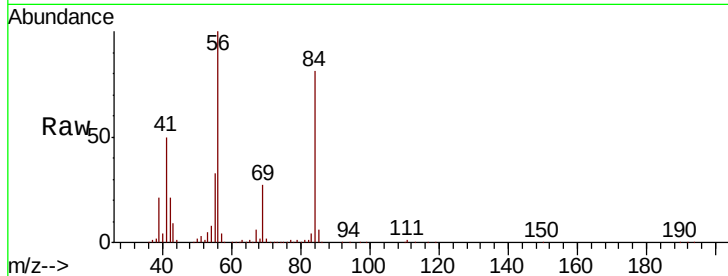
Tot Ion: 56 Resp: 295749

Ion Ratio Lower Upper

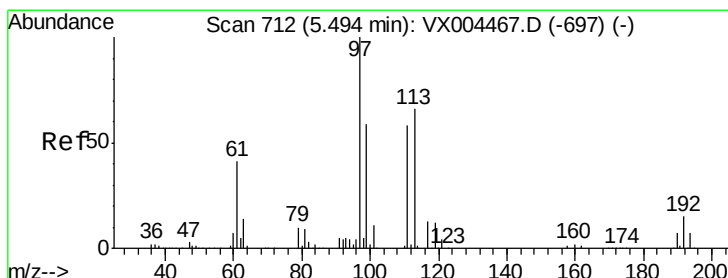
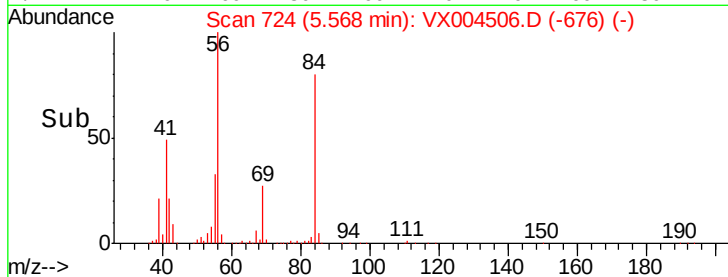
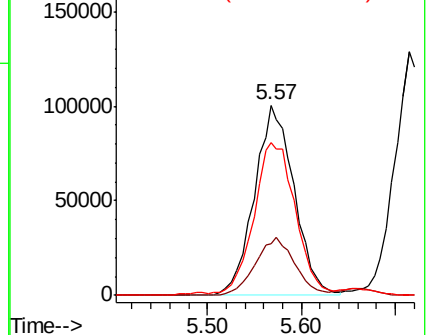
56 100

69 27.5 25.4 38.2

84 79.6 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 46.44 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

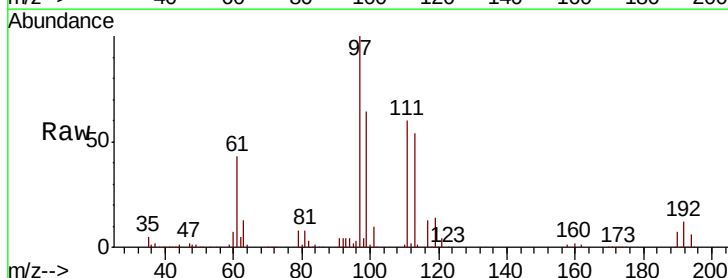
Tgt Ion: 97 Resp: 264766

Ion Ratio Lower Upper

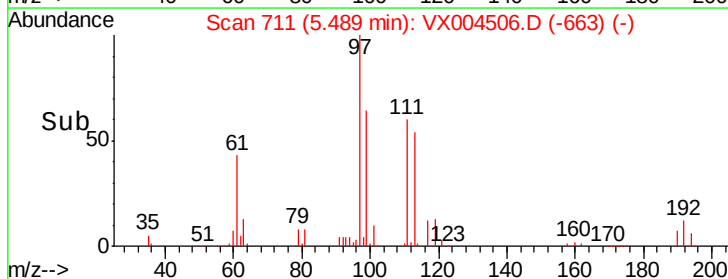
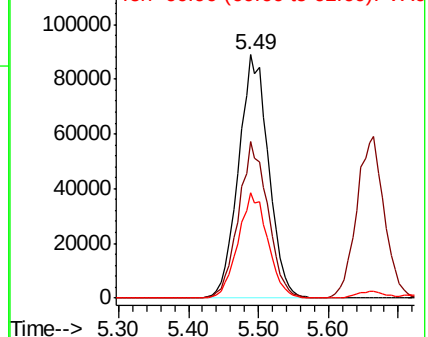
97 100

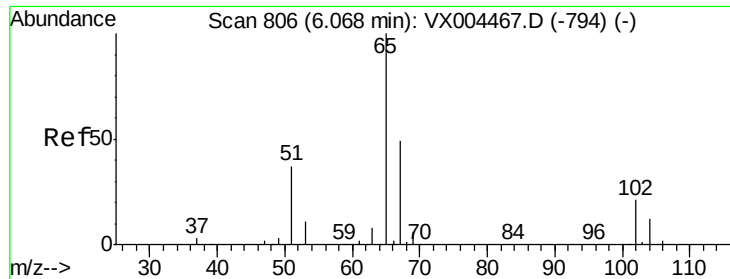
99 62.8 52.0 78.0

61 42.8 34.9 52.3



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

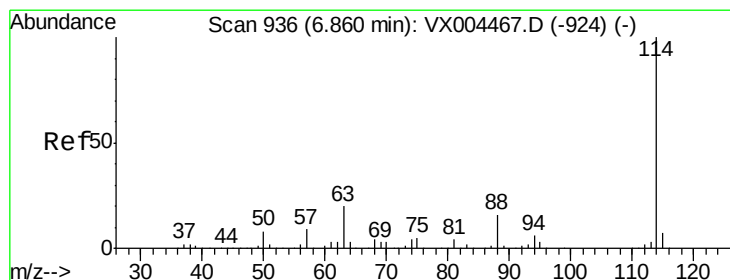
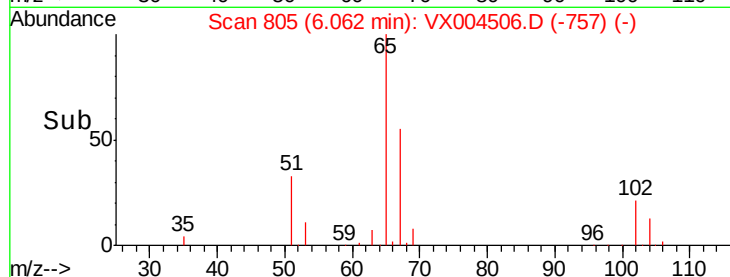
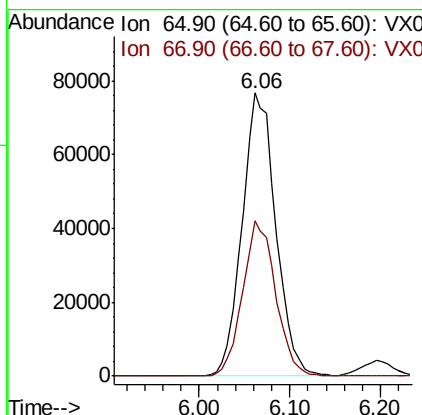
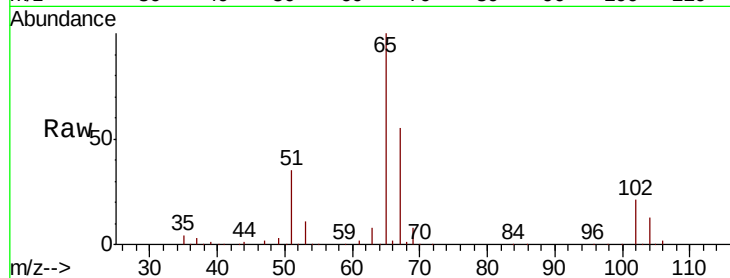




#33
 1,2-Dichloroethane-d4
 Concen: 46.02 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

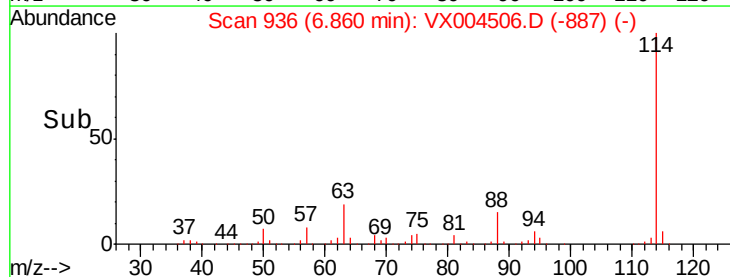
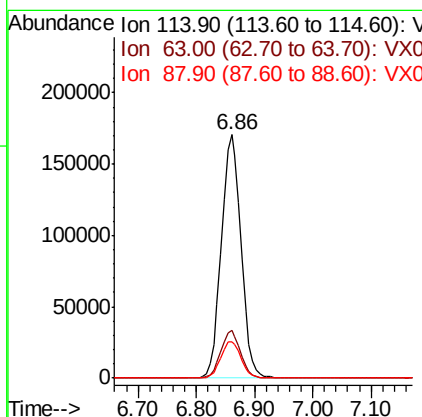
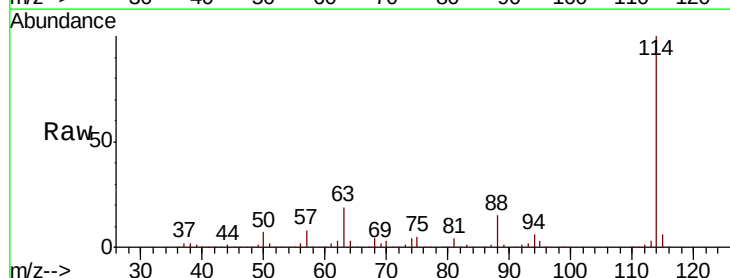
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

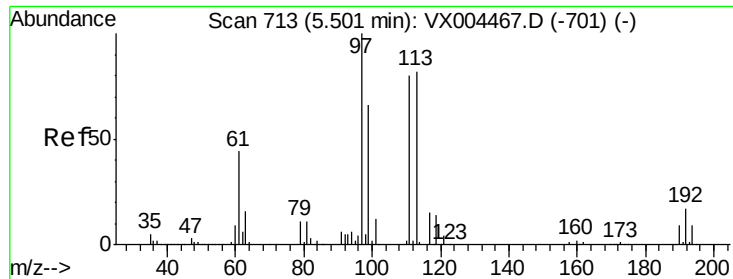
Tot Ion: 65 Resp: 196951
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion: 114 Resp: 400197
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.1 0.0 30.4

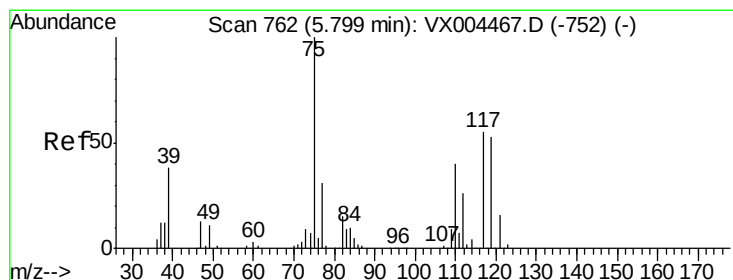
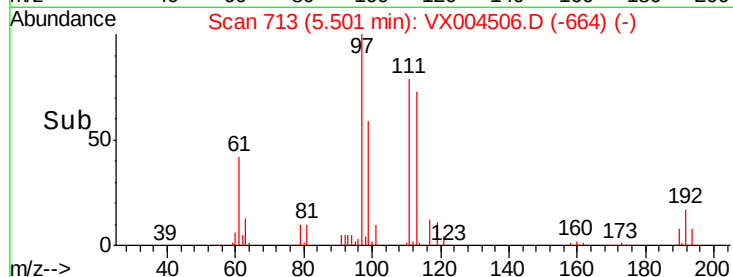
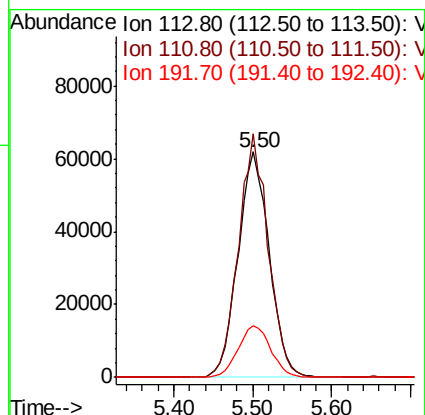
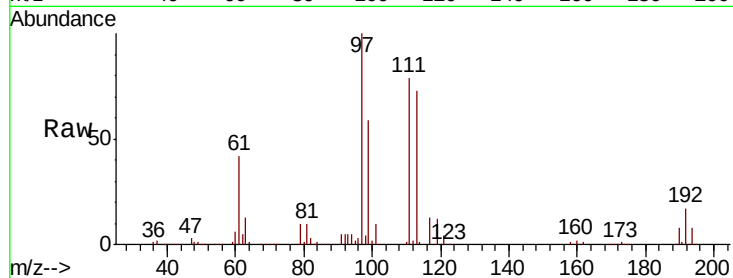




#35
 Dibromofluoromethane
 Concen: 46.59 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

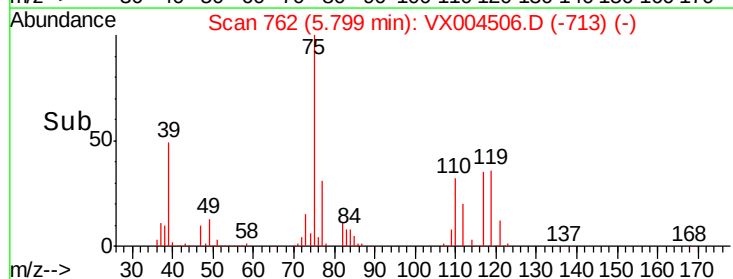
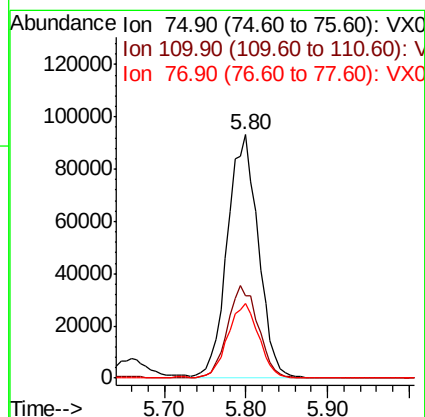
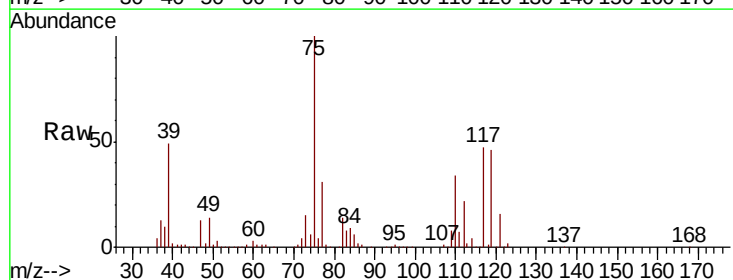
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

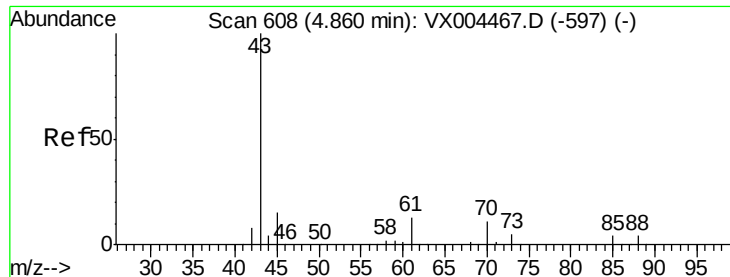
Tot Ion:113 Resp: 170638
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 23.8 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 50.17 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion: 75 Resp: 243734
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.0 54.0
 77 30.6 24.6 36.8

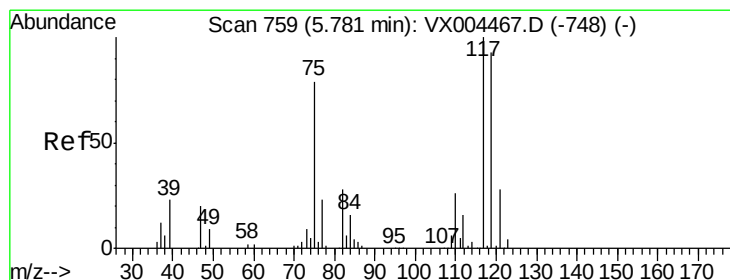
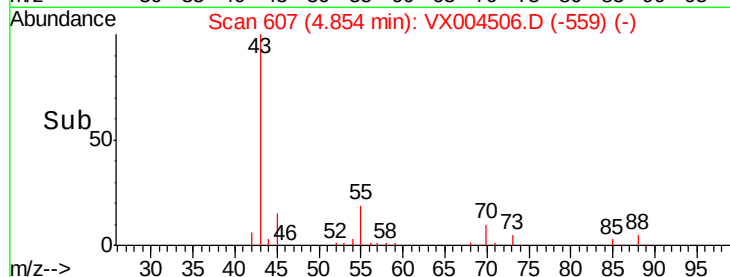
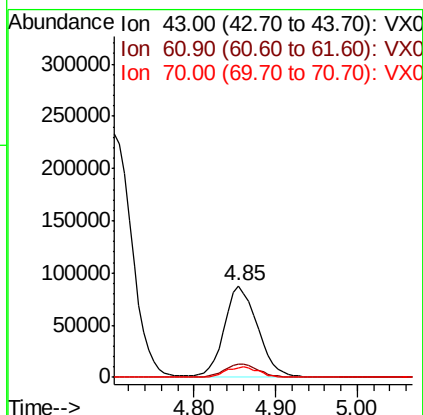
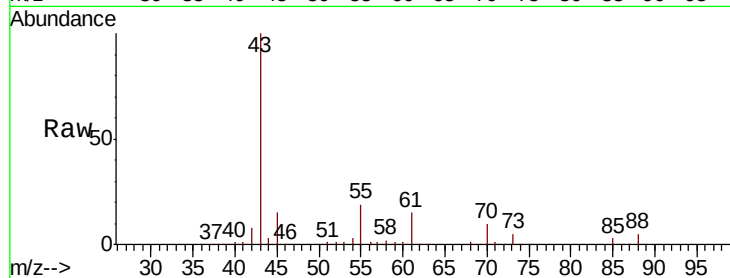




#37
Ethyl Acetate
Concen: 44.79 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

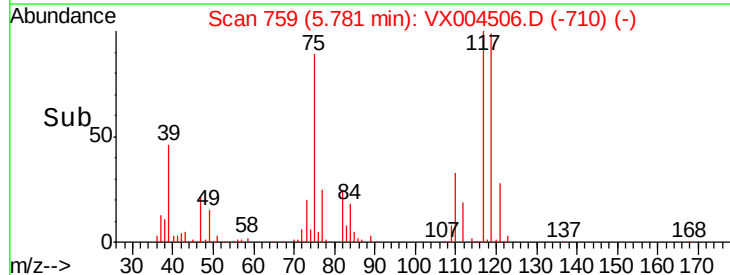
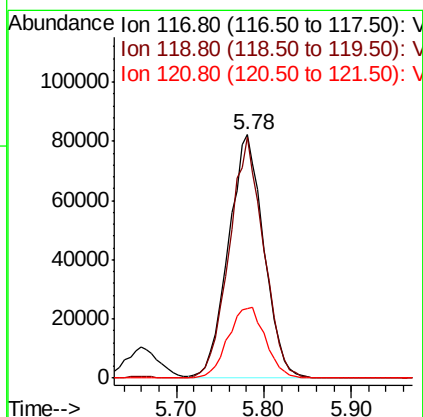
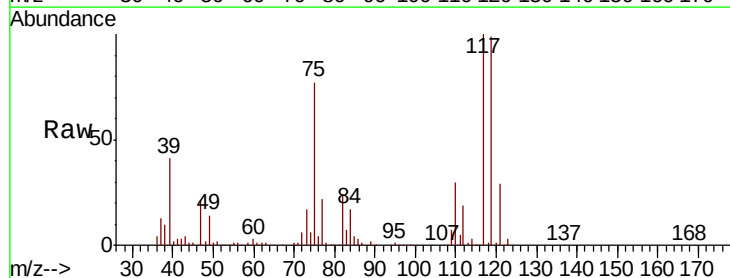
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

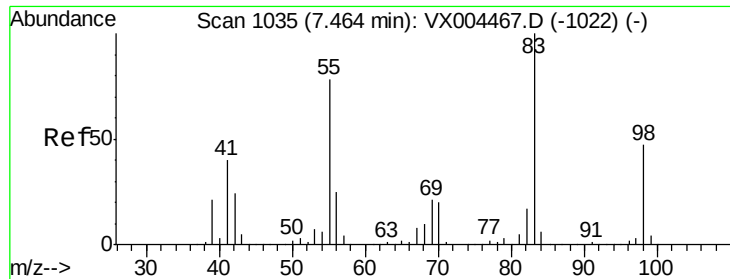
Tot Ion: 43 Resp: 247525
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 48.55 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Tgt Ion: 117 Resp: 230387
Ion Ratio Lower Upper
117 100
119 99.2 78.8 118.2
121 28.6 24.9 37.3

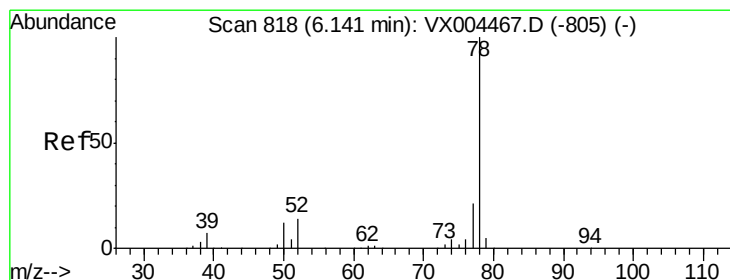
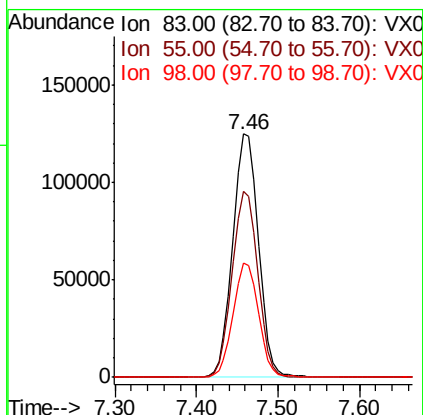
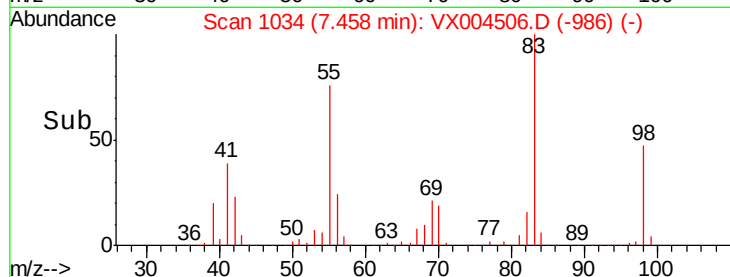
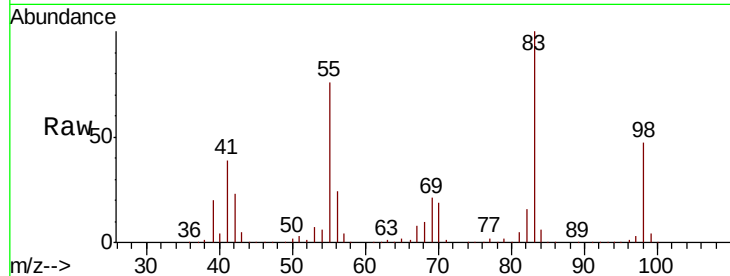




#39
Methylvlcyclohexane
Concen: 53.58 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

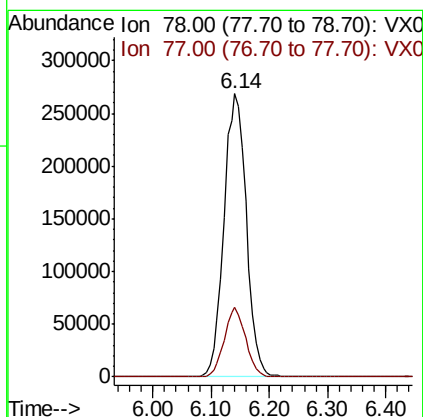
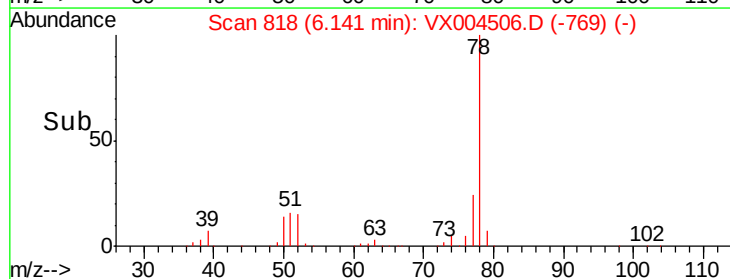
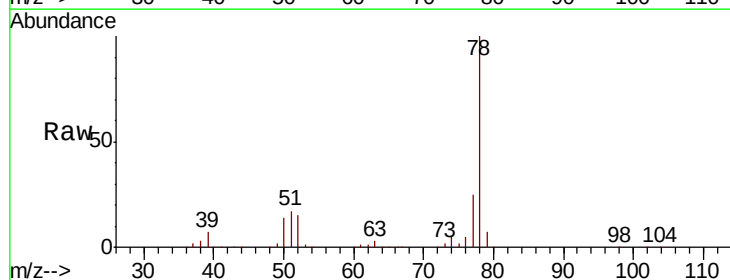
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

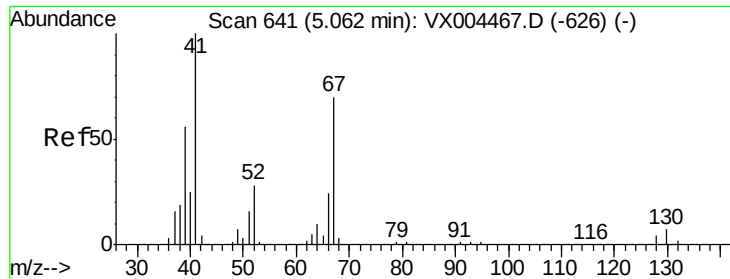
Tot Ion: 83 Resp: 271646
Ion Ratio Lower Upper
83 100
55 76.4 61.0 91.4
98 46.8 39.6 59.4



#40
Benzene
Concen: 49.73 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Tgt Ion: 78 Resp: 716902
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4





#41

Methacrylonitrile

Concen: 45.19 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 137587

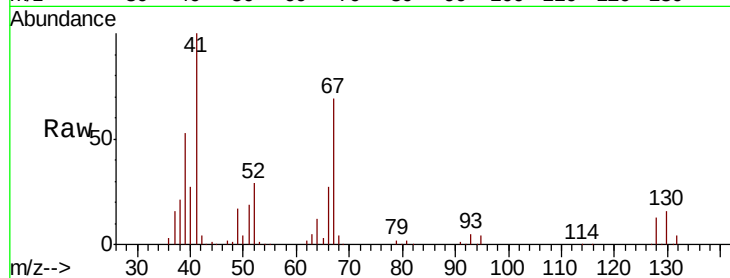
Ion Ratio Lower Upper

41 100

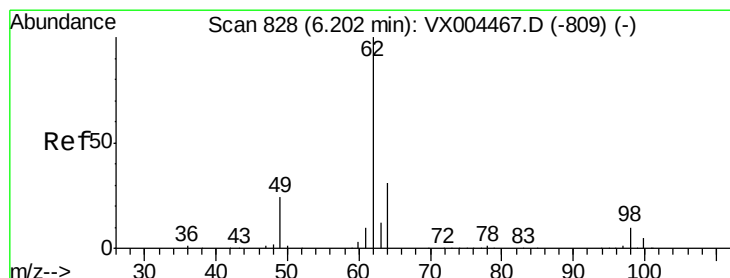
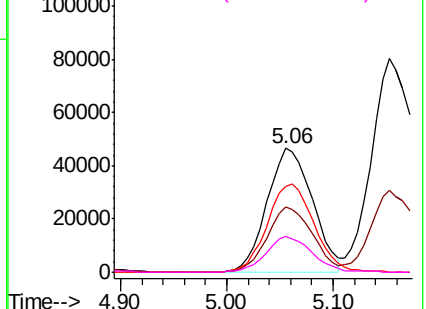
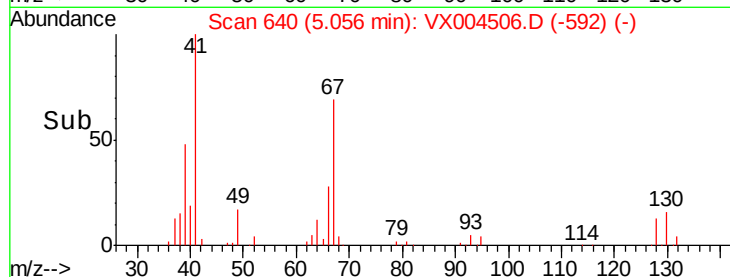
39 52.2 42.4 63.6

67 73.7 59.2 88.8

52 29.0 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: 48.49 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004506.D

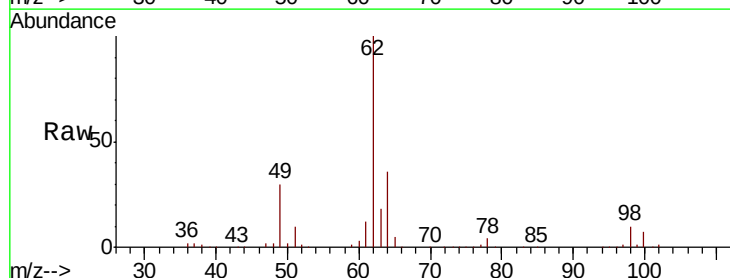
Acq: 13 Sep 2018 10:17

Tgt Ion: 62 Resp: 231836

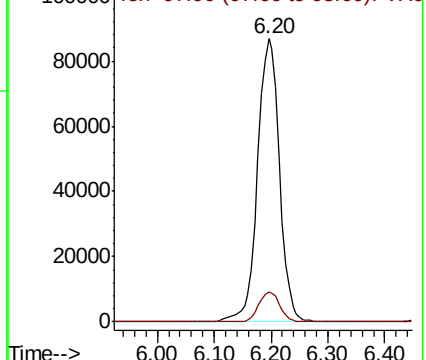
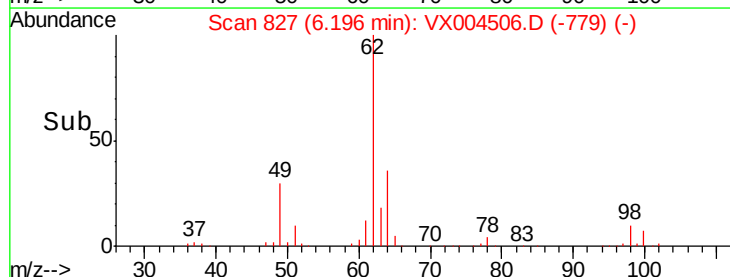
Ion Ratio Lower Upper

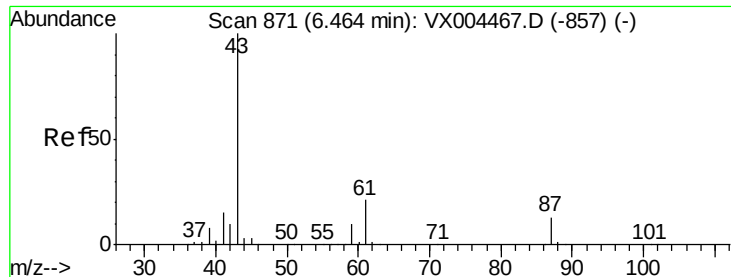
62 100

98 10.2 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: 51.22 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

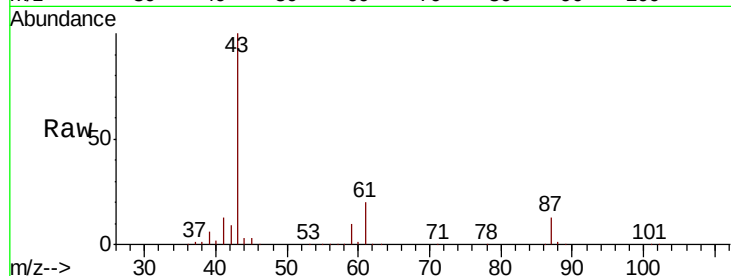
Tot Ion: 43 Resp: 375915

Ion Ratio Lower Upper

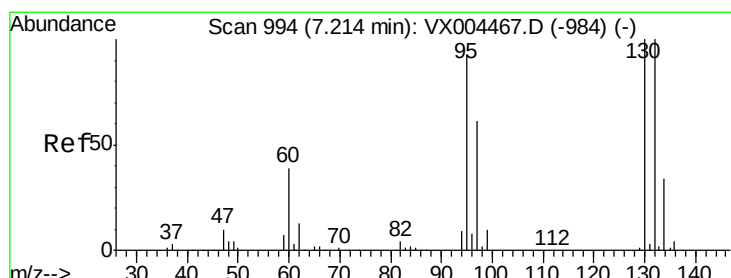
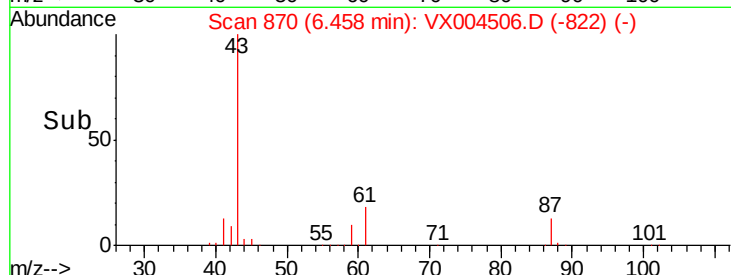
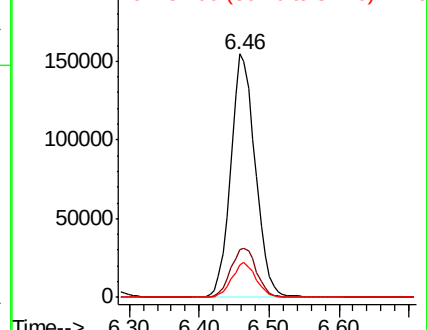
43 100

61 21.2 17.0 25.4

87 13.9 11.4 17.2



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



#44

Trichloroethene

Concen: 48.59 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004506.D

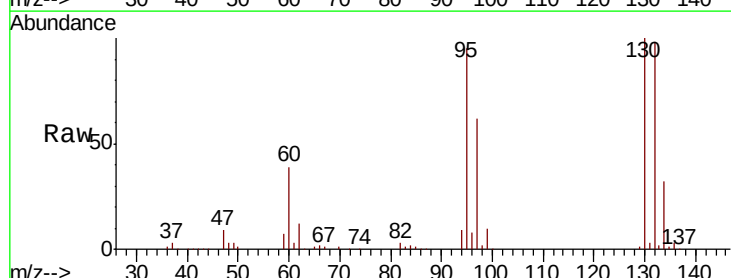
Acq: 13 Sep 2018 10:17

Tgt Ion:130 Resp: 181979

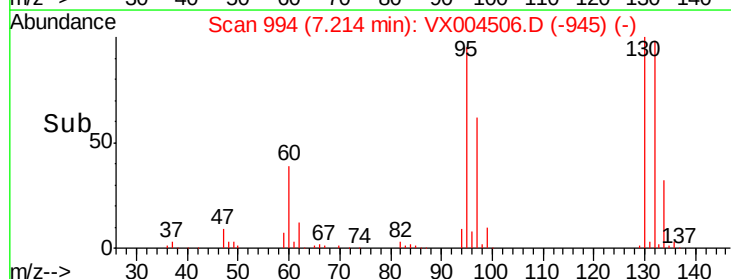
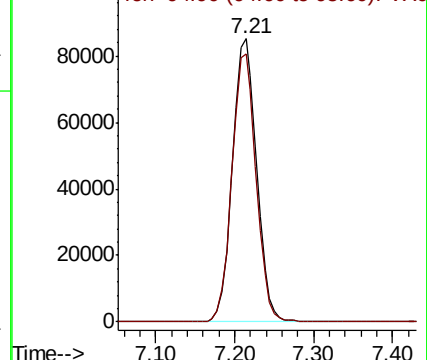
Ion Ratio Lower Upper

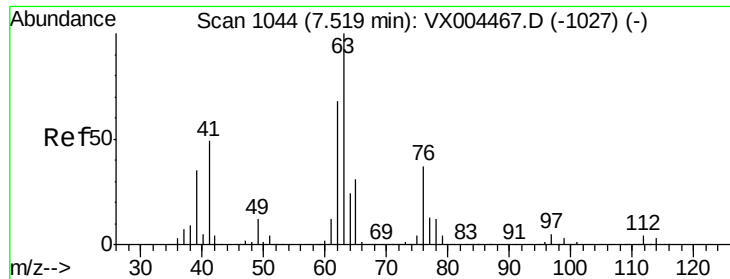
130 100

95 94.6 0.0 181.6



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

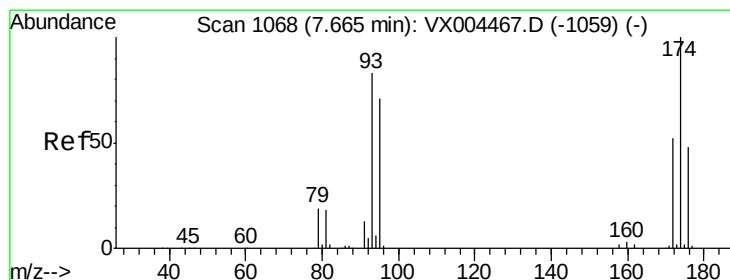
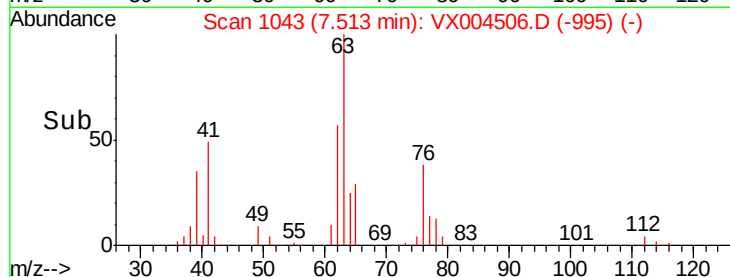
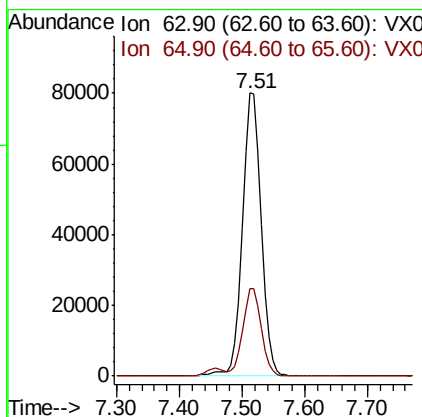
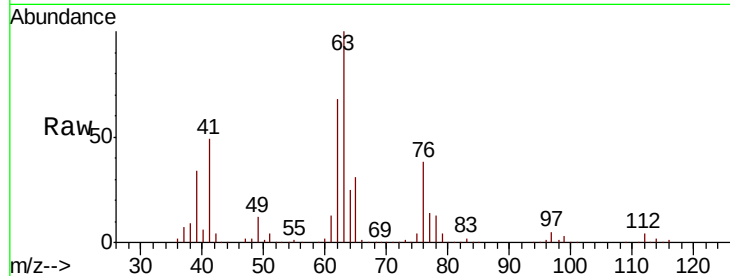




#45
 1,2-Dichloropropane
 Concen: 48.00 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

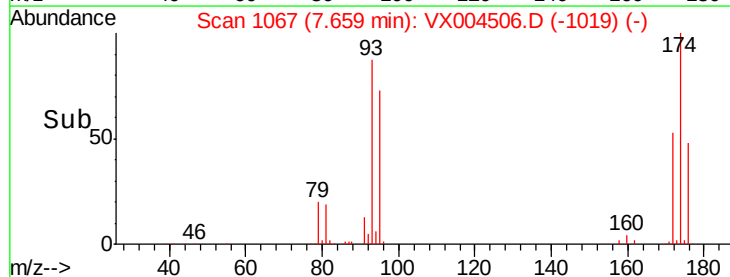
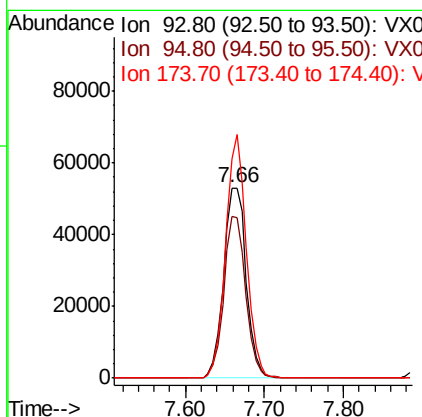
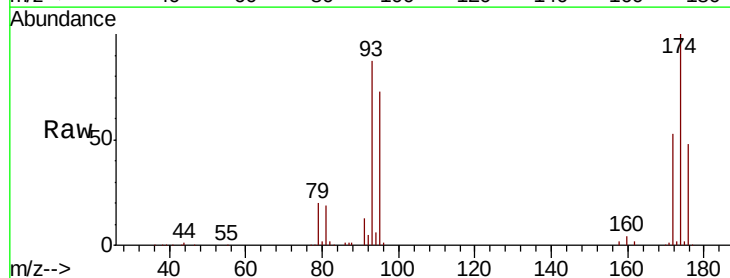
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

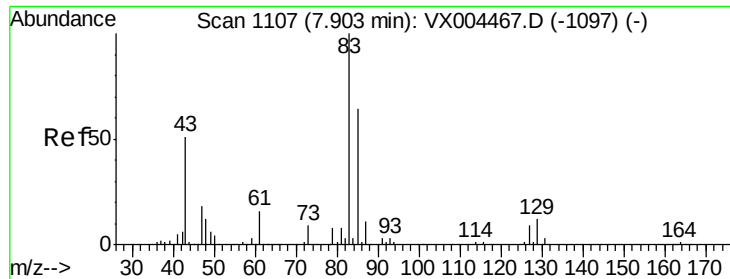
Tot Ion: 63 Resp: 166489
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5



#46
 Dibromomethane
 Concen: 48.12 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion: 93 Resp: 105461
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.5 98.3
 174 117.5 94.2 141.4





#47

Bromodichloromethane

Concen: 48.09 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

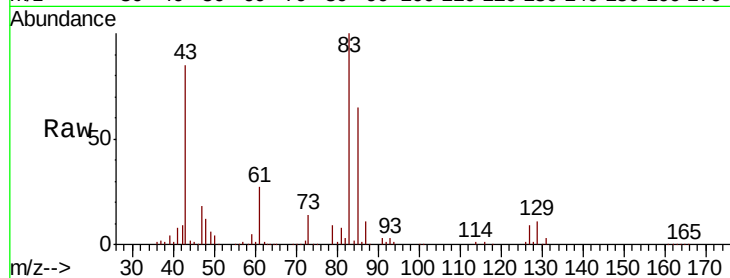
Tot Ion: 83 Resp: 199291

Ion Ratio Lower Upper

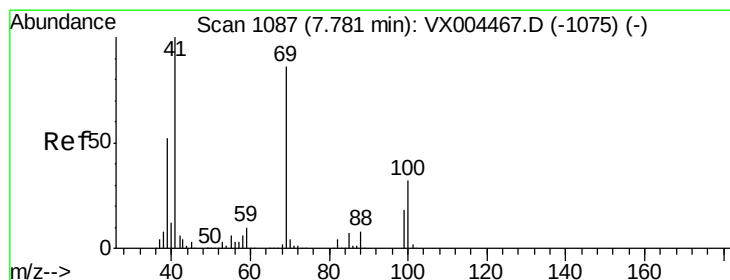
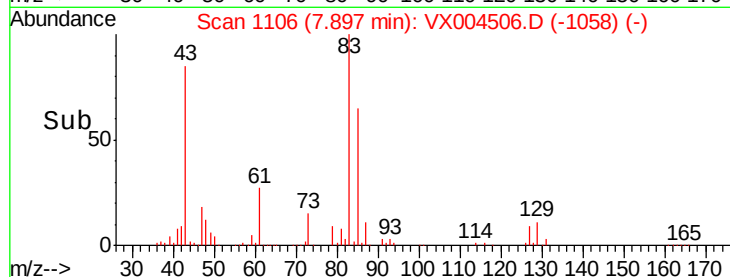
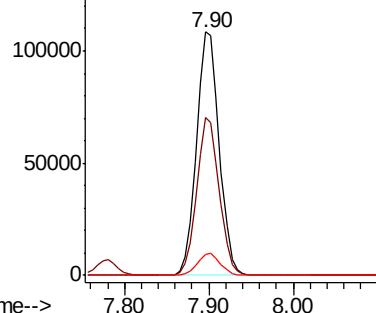
83 100

85 65.0 50.9 76.3

127 8.8 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: 49.03 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

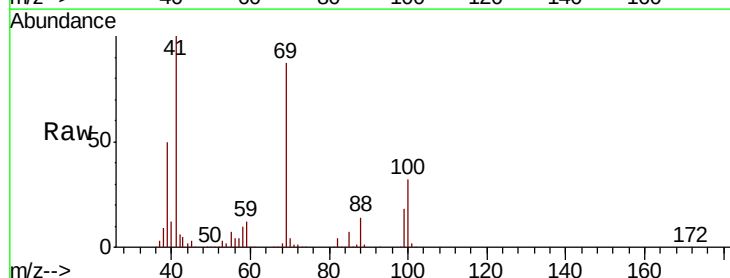
Tgt Ion: 41 Resp: 178093

Ion Ratio Lower Upper

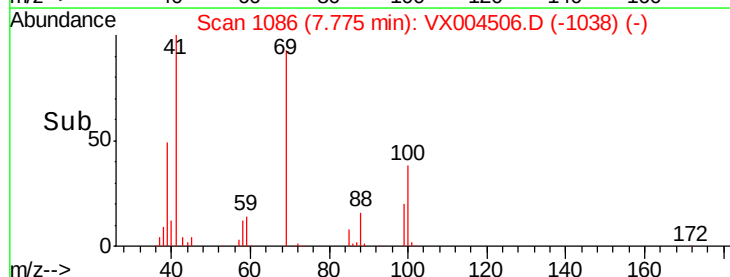
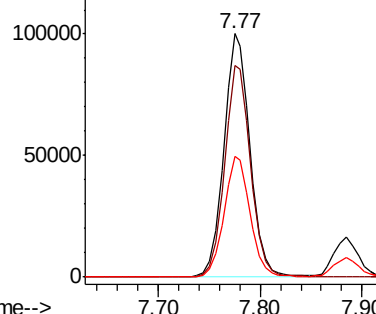
41 100

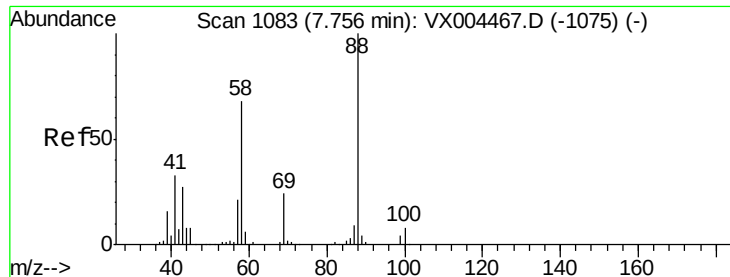
69 87.3 70.2 105.4

39 49.5 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: 959.26 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

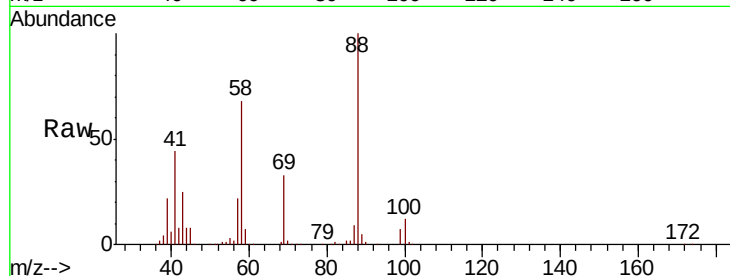
Tot Ion: 88 Resp: 82467

Ion Ratio Lower Upper

88 100

43 29.8 24.7 37.1

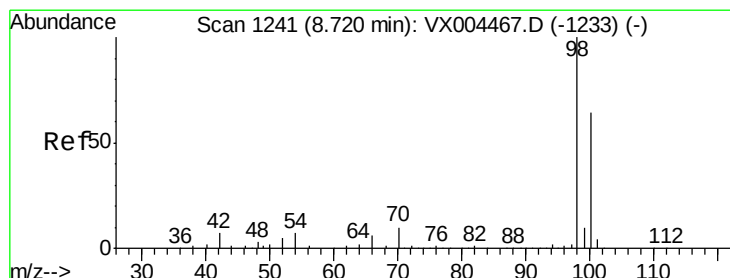
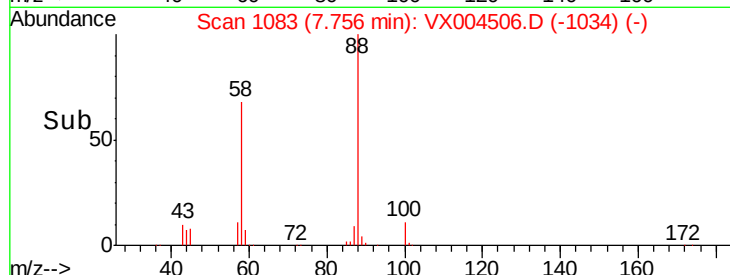
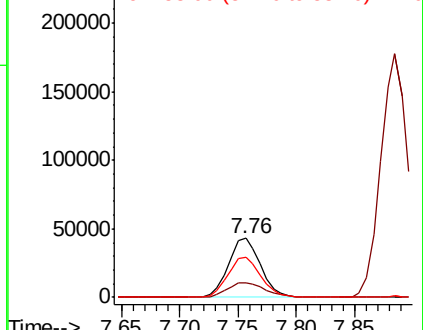
58 71.2 55.3 82.9



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: 48.10 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004506.D

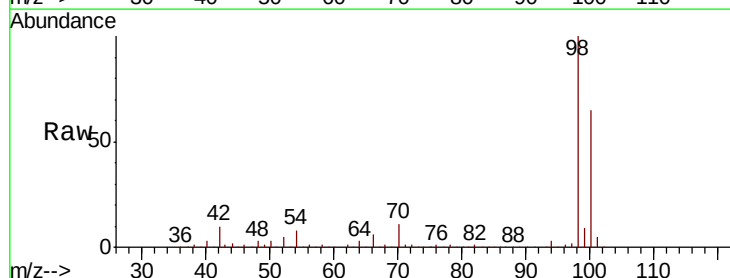
Acq: 13 Sep 2018 10:17

Tgt Ion: 98 Resp: 590702

Ion Ratio Lower Upper

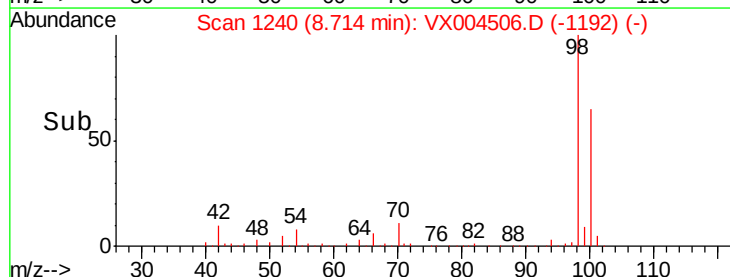
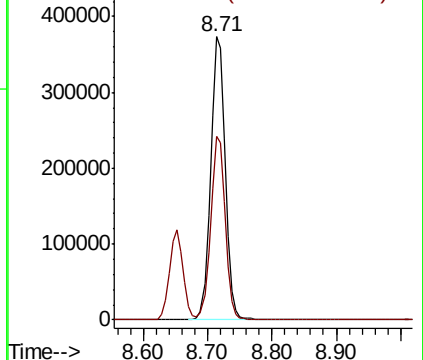
98 100

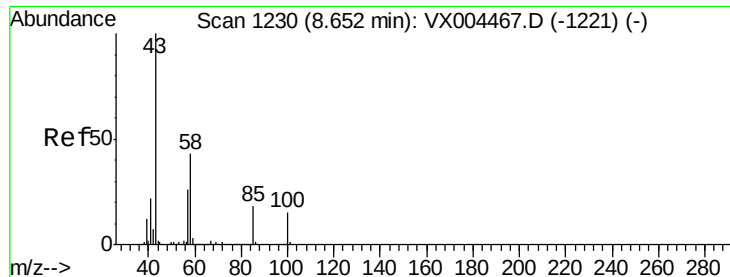
100 64.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 218.44 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

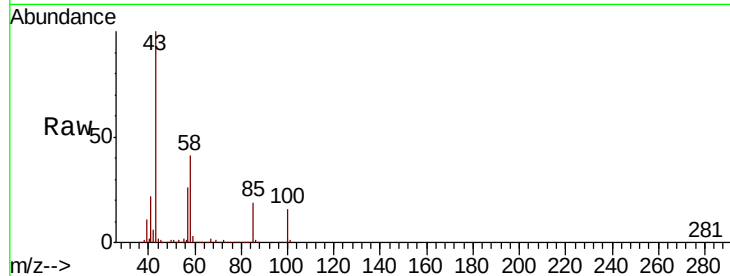
VSTDCCC050

Tot Ion: 43 Resp: 1131391

Ion Ratio Lower Upper

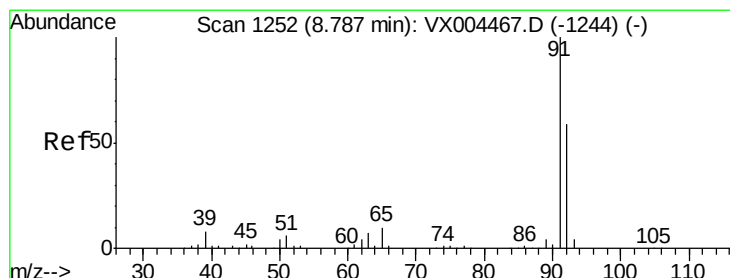
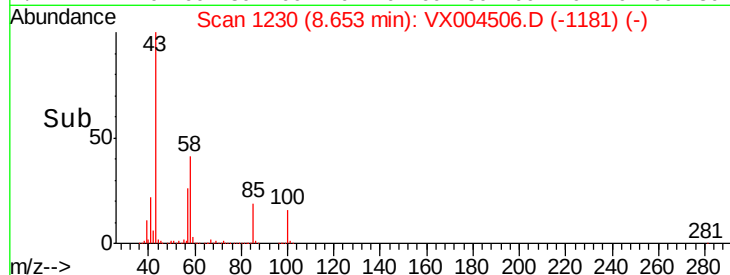
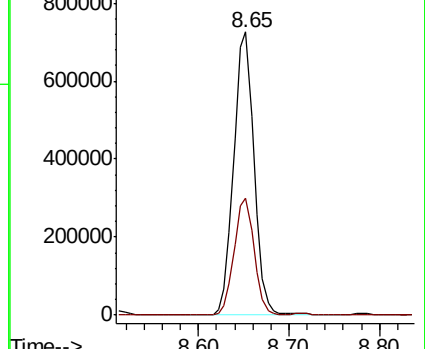
43 100

58 40.6 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.28 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004506.D

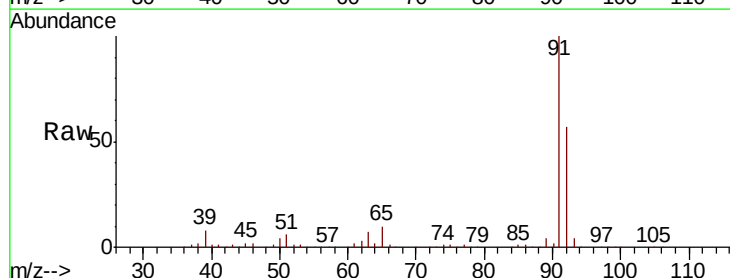
Acq: 13 Sep 2018 10:17

Tgt Ion: 92 Resp: 401549

Ion Ratio Lower Upper

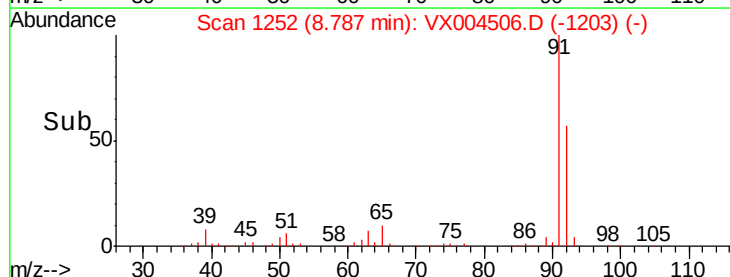
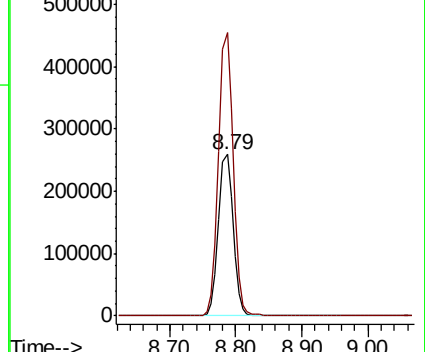
92 100

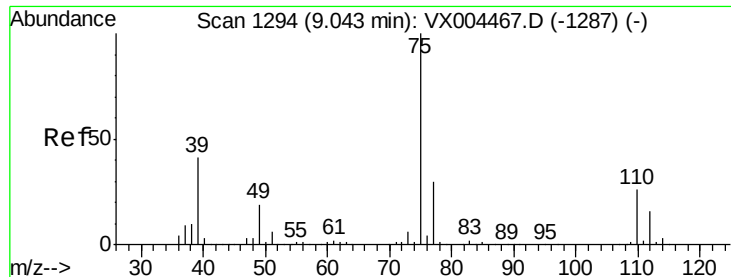
91 173.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.20 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

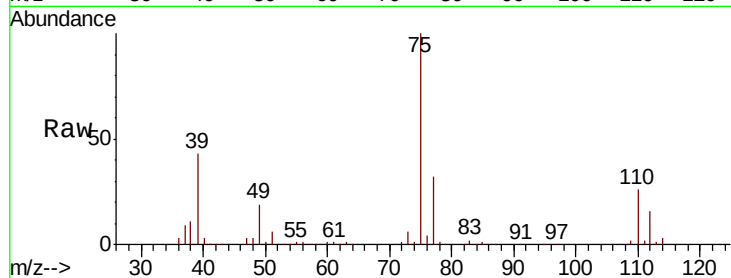
VSTDCCC050

Tot Ion: 75 Resp: 233324

Ion Ratio Lower Upper

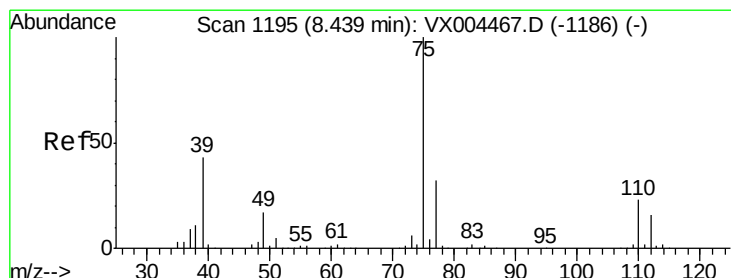
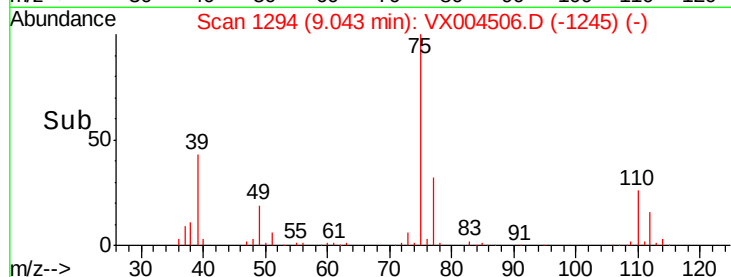
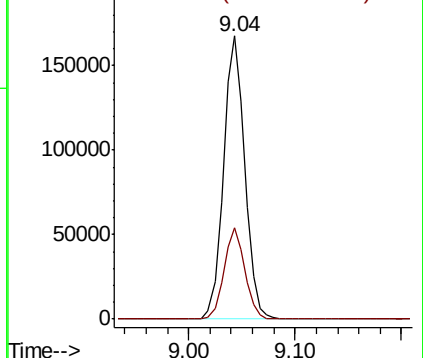
75 100

77 32.3 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.66 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

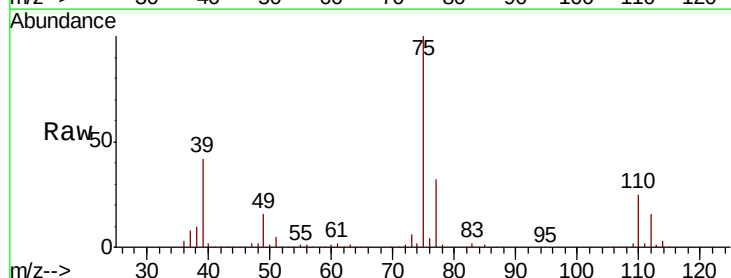
Tgt Ion: 75 Resp: 254957

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

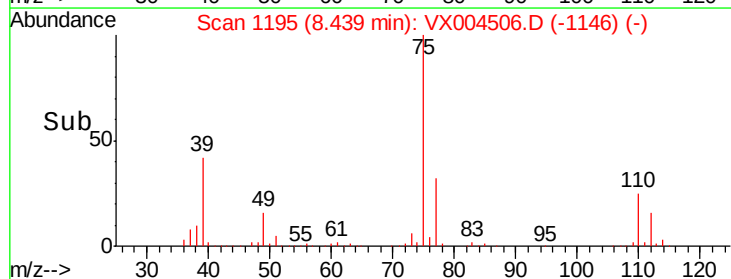
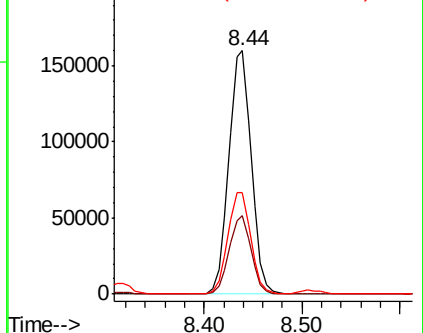
39 41.6 36.4 54.6

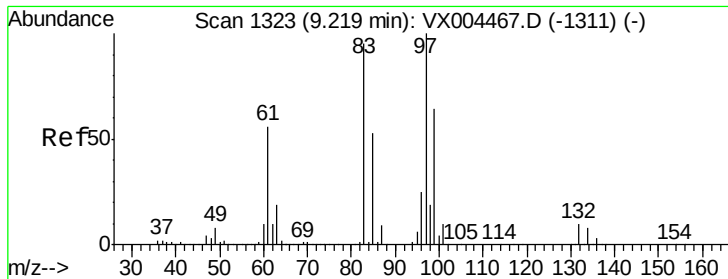


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

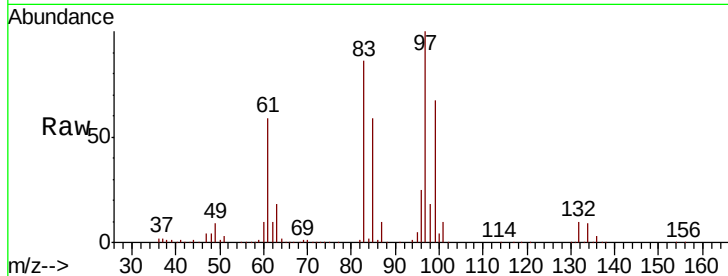




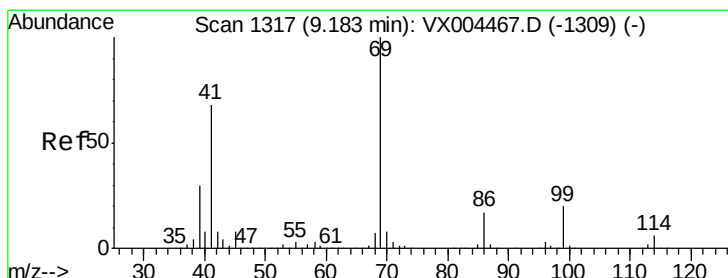
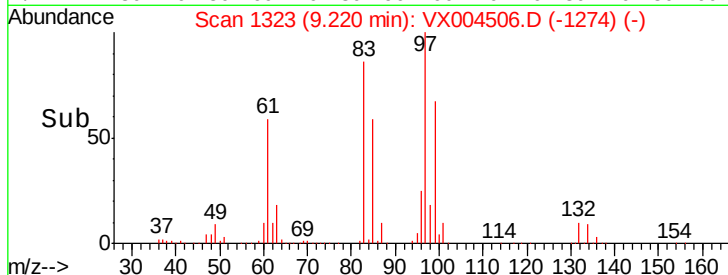
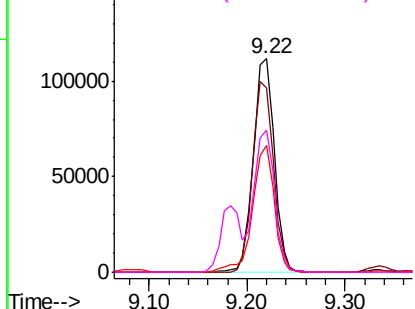
#55
 1,1,2-Trichloroethane
 Concen: 46.03 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	168343
Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.4	99.6
85	59.3	43.3	64.9
99	66.6	49.0	73.4

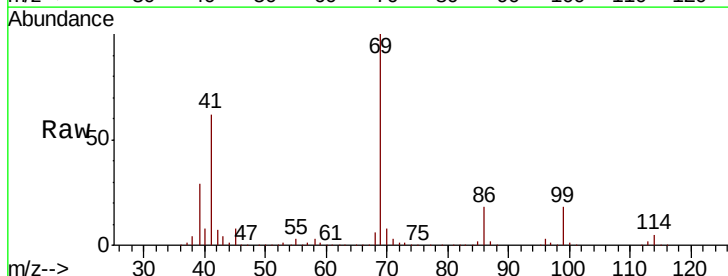


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

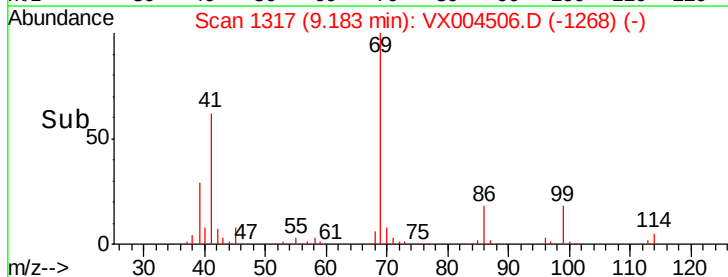
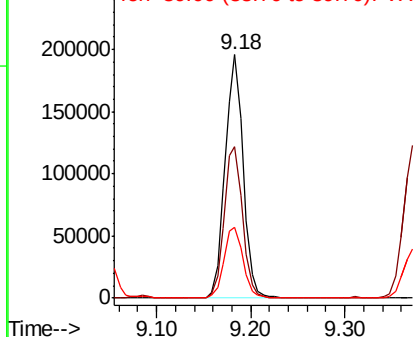


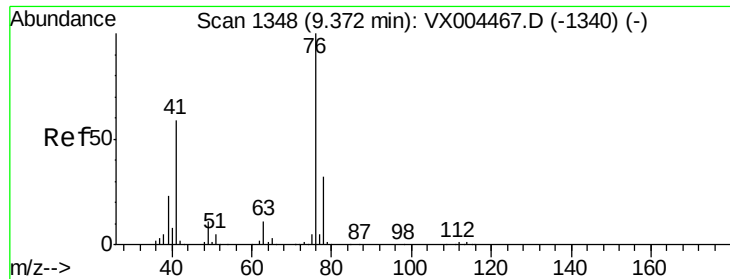
#56
 Ethyl methacrylate
 Concen: 50.36 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion:	69	Resp:	260528
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.0	76.4
39	30.5	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: 50.63 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

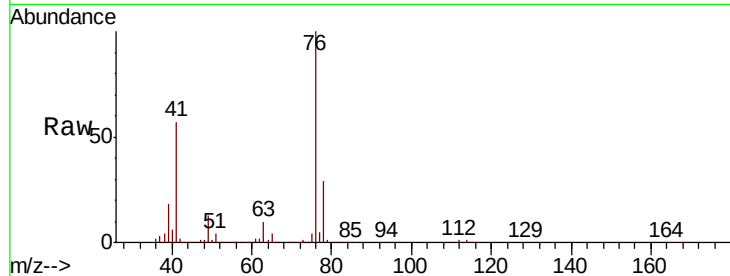
VSTDCCC050

Tot Ion: 76 Resp: 300840

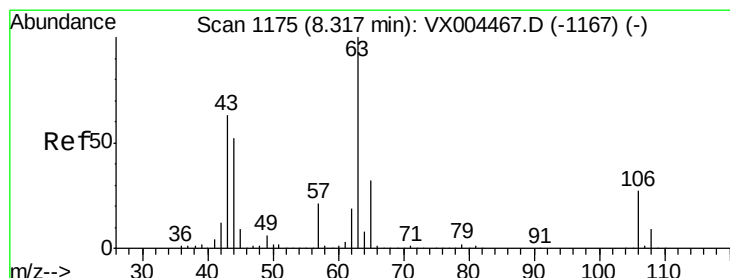
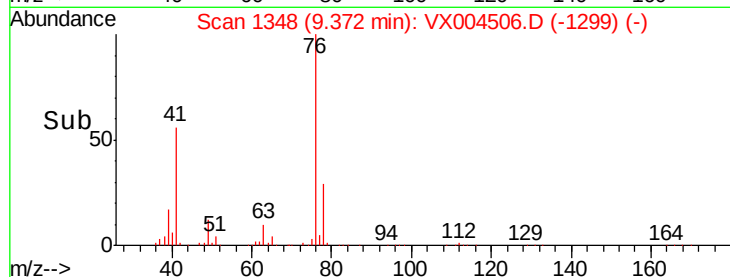
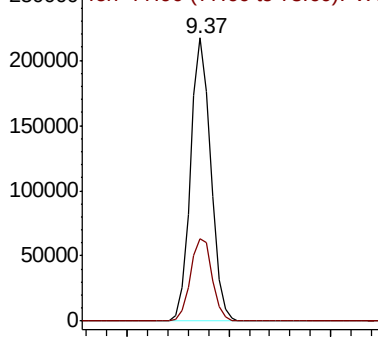
Ion Ratio Lower Upper

76 100

78 31.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 243.16 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004506.D

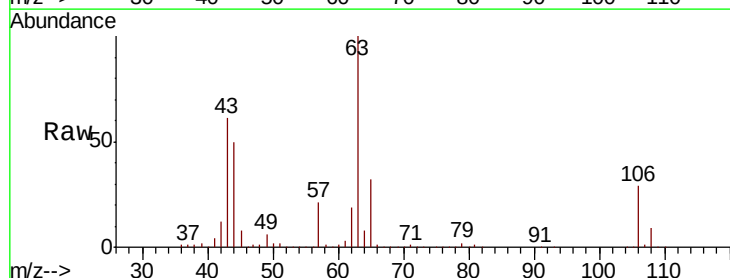
Acq: 13 Sep 2018 10:17

Tgt Ion: 63 Resp: 640404

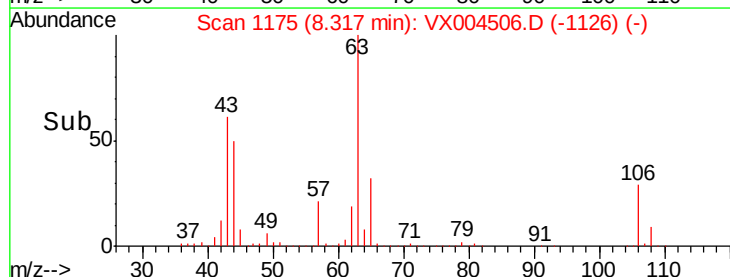
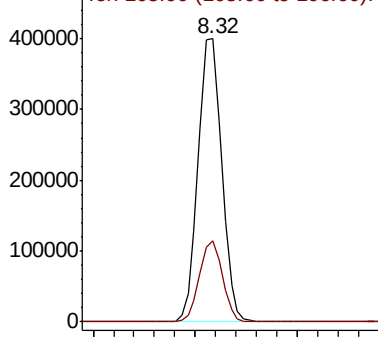
Ion Ratio Lower Upper

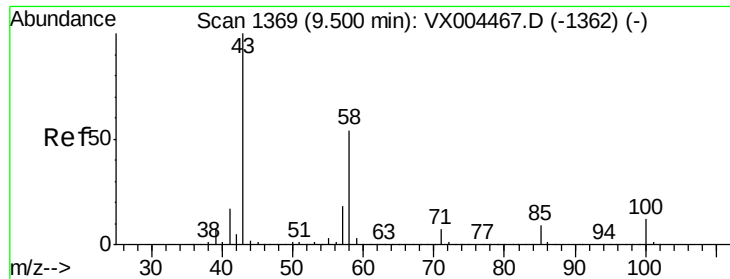
63 100

106 27.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

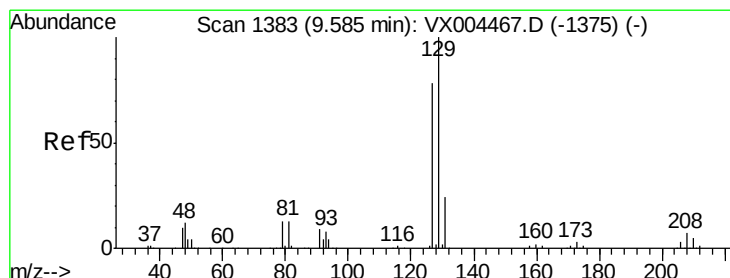
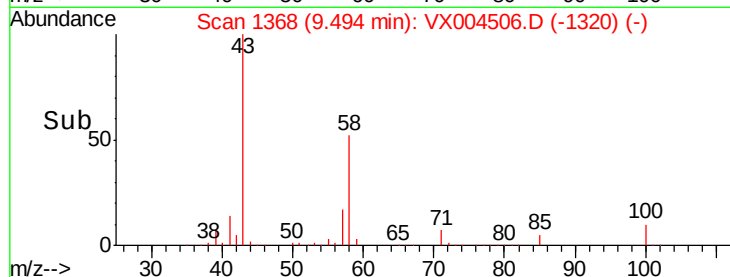
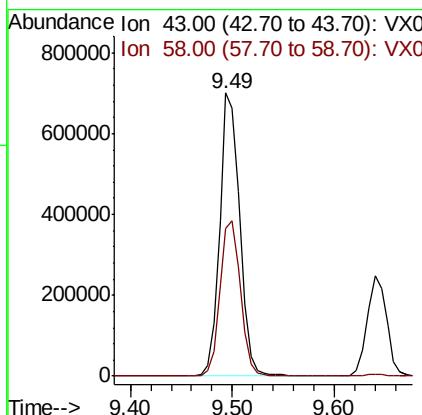
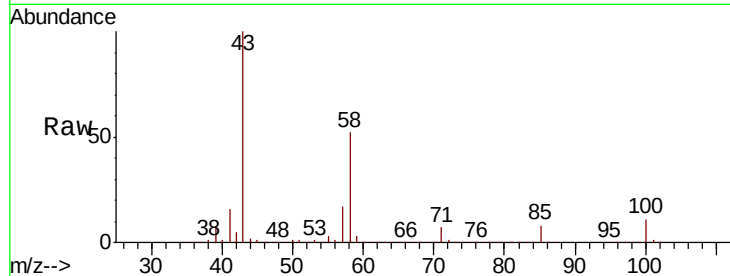




#59
2-Hexanone
Concen: 243.12 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

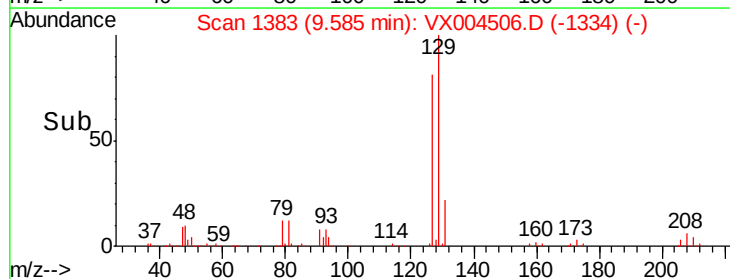
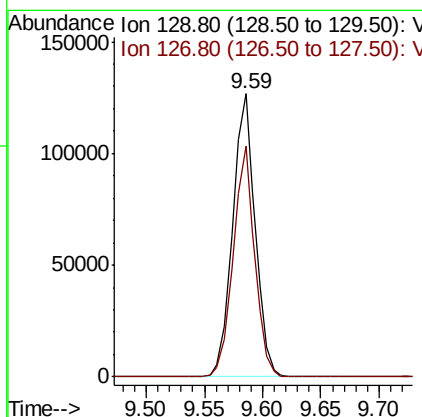
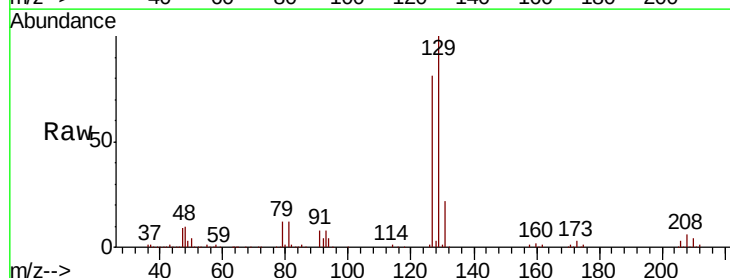
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

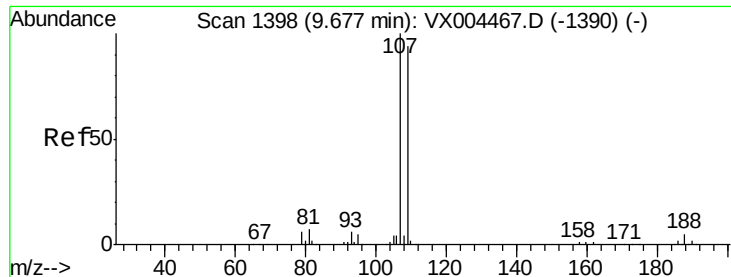
Tot Ion: 43 Resp: 965897
Ion Ratio Lower Upper
43 100
58 56.5 29.0 87.0



#60
Dibromochloromethane
Concen: 49.52 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Tgt Ion: 129 Resp: 170483
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

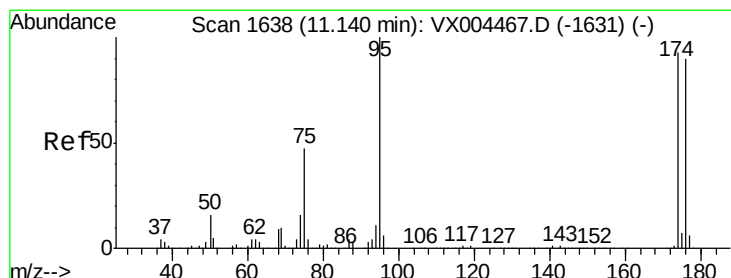
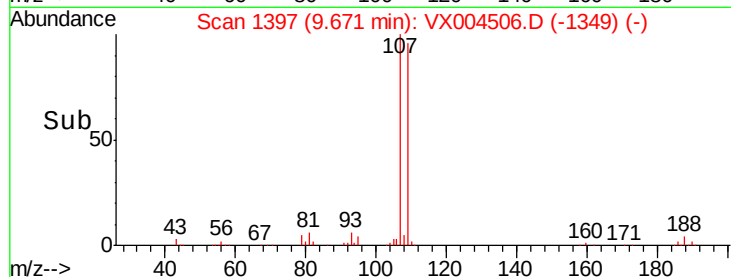
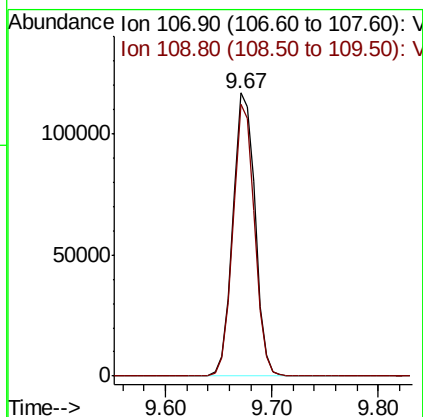
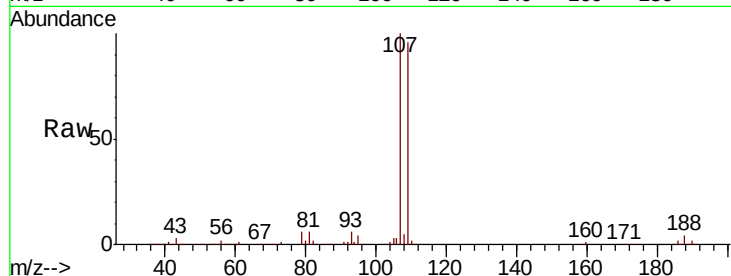




#61
 1,2-Dibromoethane
 Concen: 48.92 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

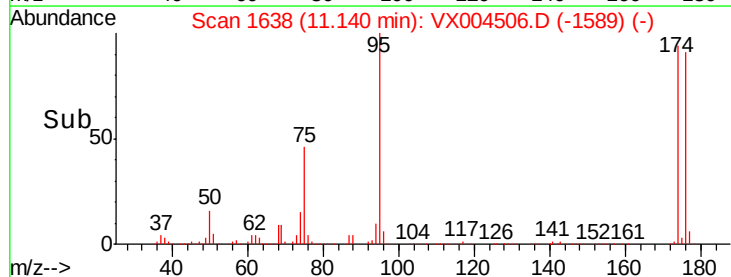
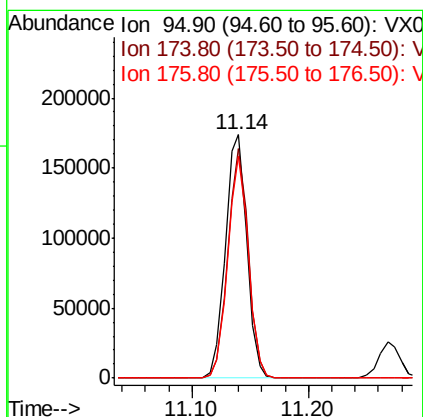
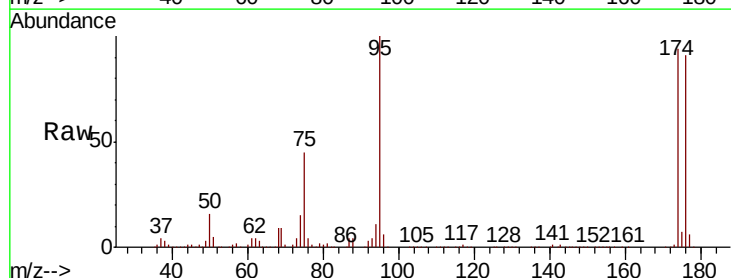
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

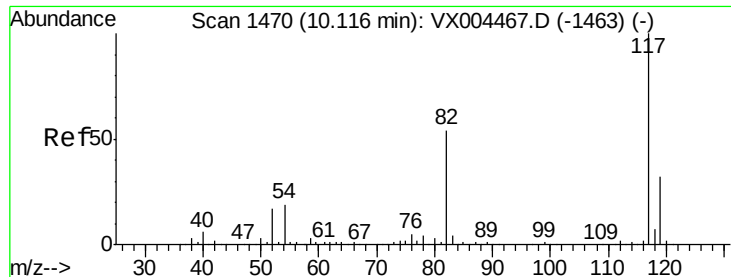
Tot Ion:107 Resp: 170913
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 50.24 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion: 95 Resp: 220237
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 185.2
 176 88.3 0.0 178.6

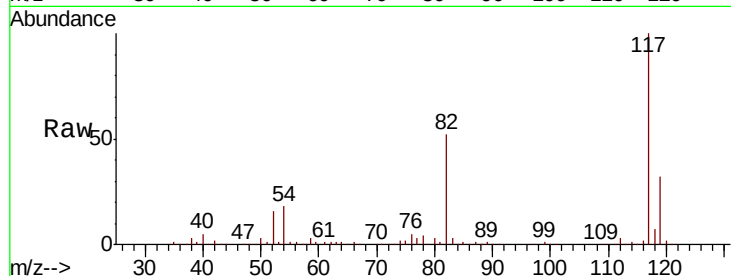




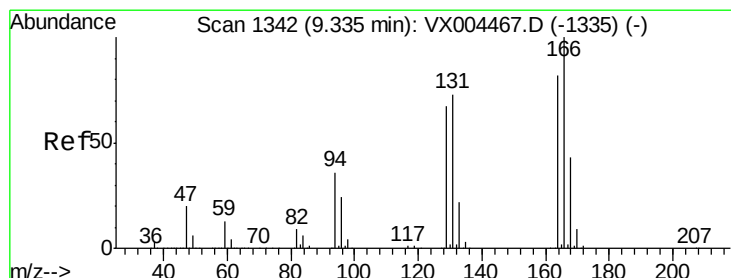
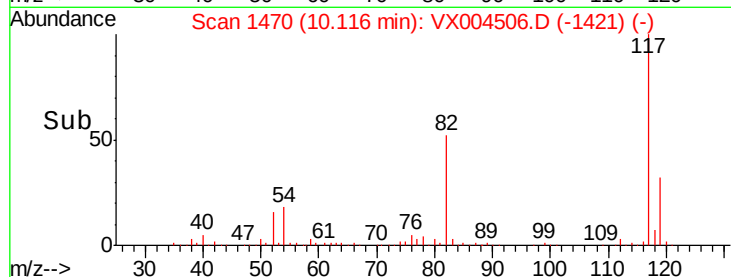
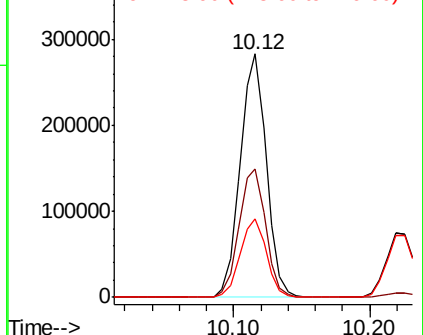
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 378861
Ion Ratio Lower Upper
117 100
82 52.5 47.8 71.6
119 32.4 29.3 43.9

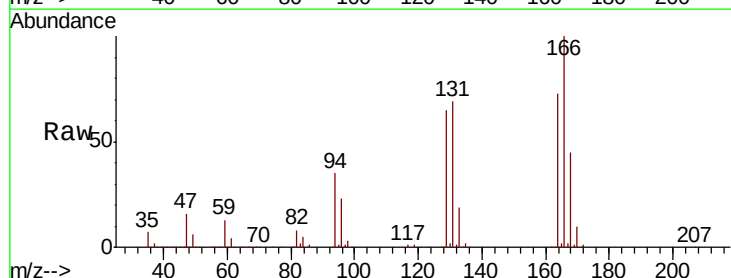


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

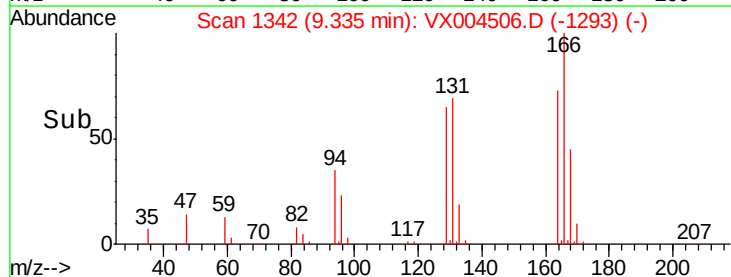
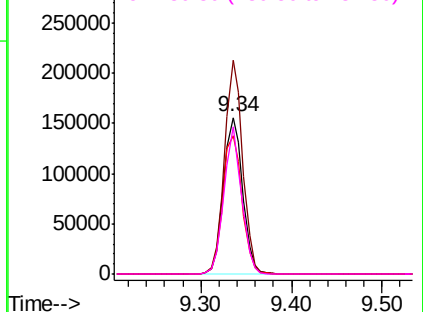


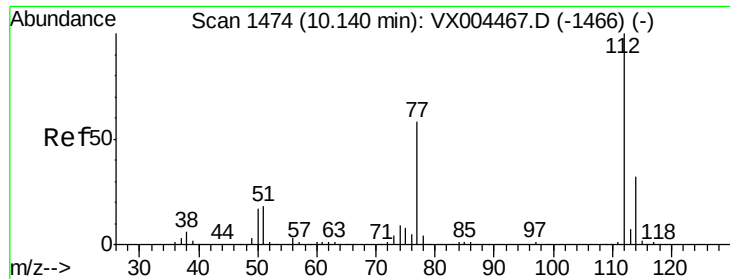
#64
Tetrachloroethene
Concen: 48.49 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Tgt Ion:164 Resp: 229368
Ion Ratio Lower Upper
164 100
166 136.4 102.8 154.2
129 88.1 69.4 104.0
131 93.8 67.9 101.9



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

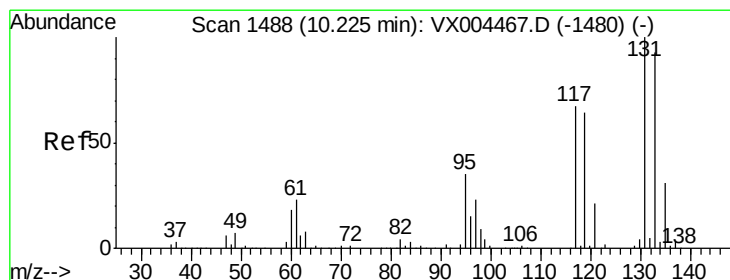
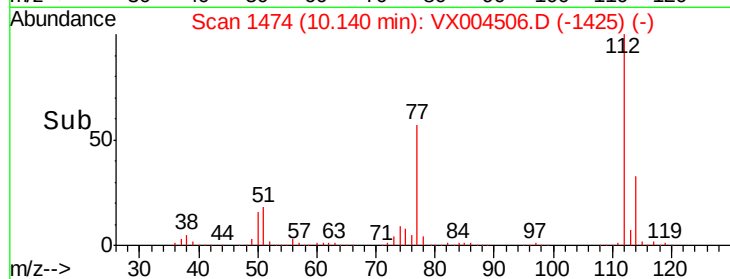
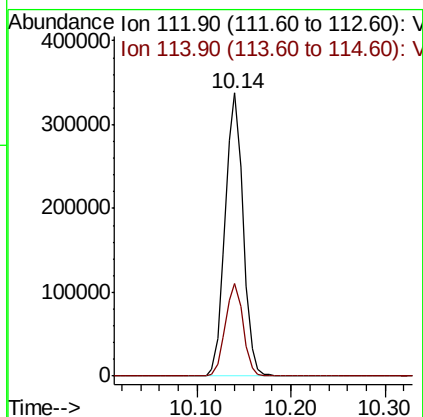
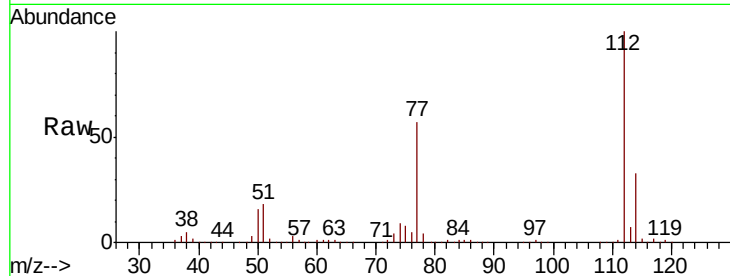




#65
Chlorobenzene
Concen: 47.66 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

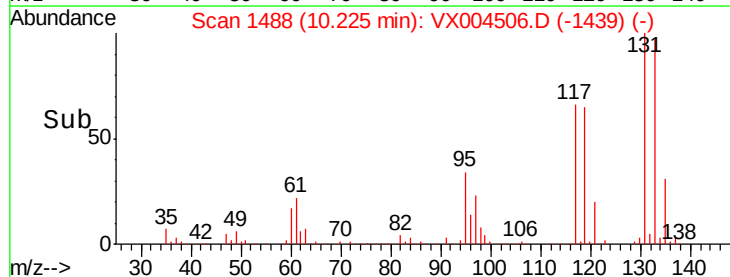
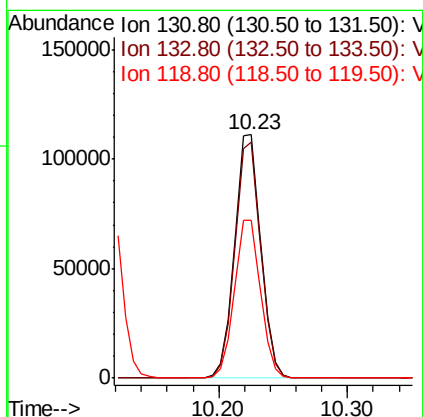
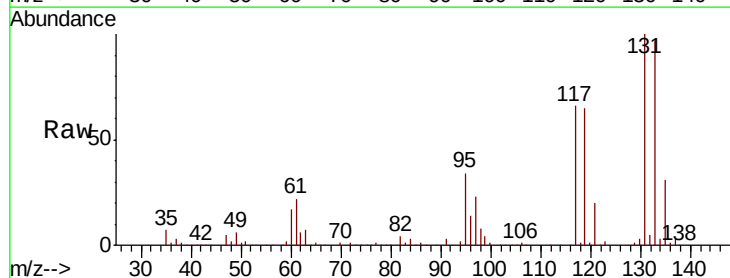
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

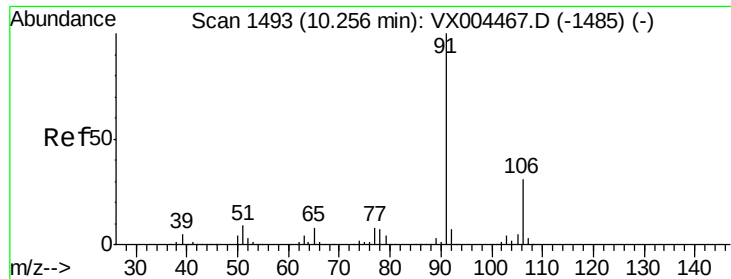
Tot Ion:112 Resp: 448495
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.52 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Tgt Ion:131 Resp: 157464
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.4
119 64.9 32.9 98.6

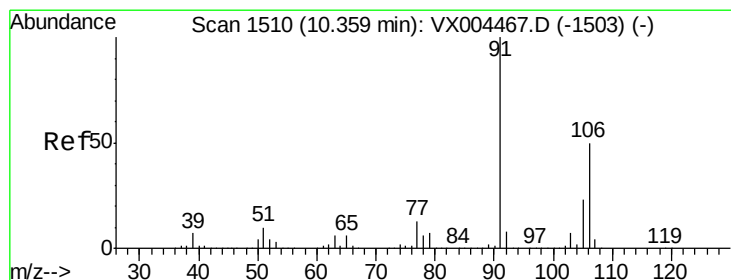
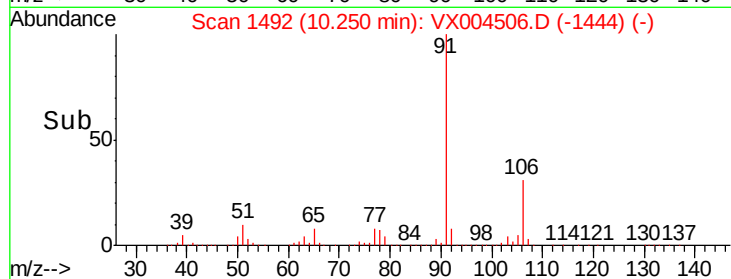
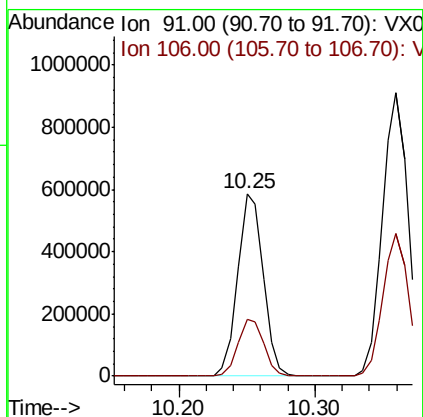
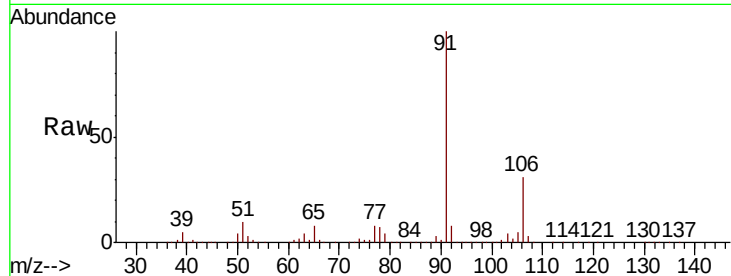




#67
Ethyl Benzene
Concen: 50.11 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

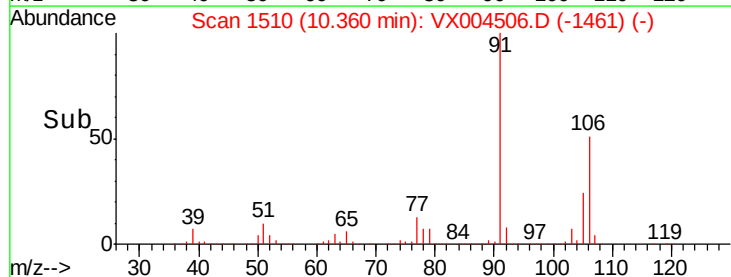
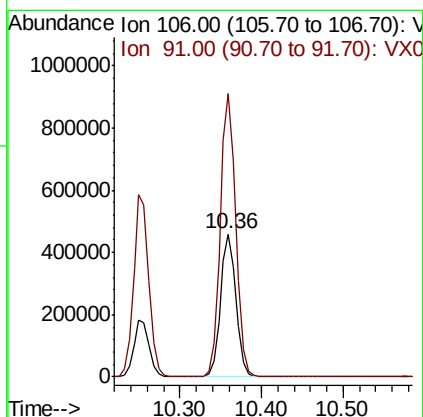
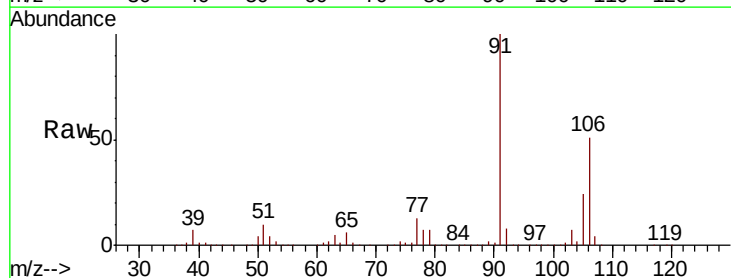
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

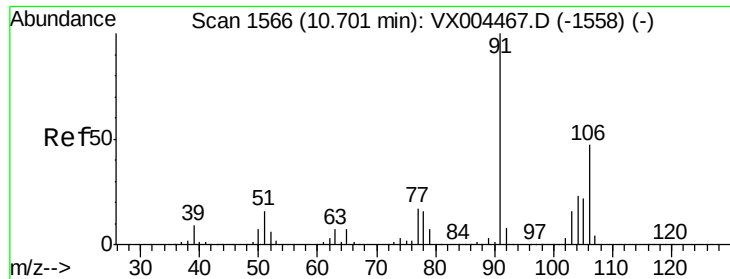
Tot Ion: 91 Resp: 766753
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9



#68
m/p-Xylenes
Concen: 102.78 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Tgt Ion: 106 Resp: 605819
Ion Ratio Lower Upper
106 100
91 199.5 157.1 235.7

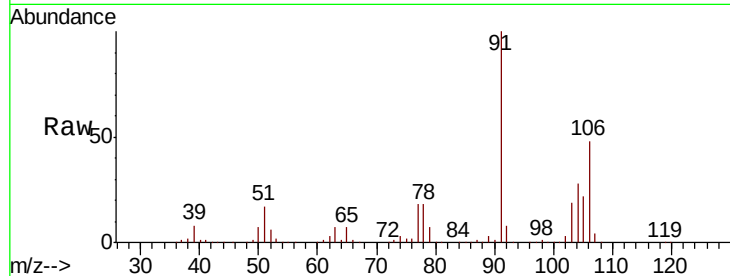




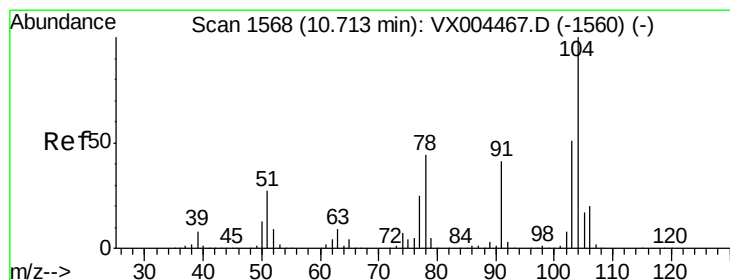
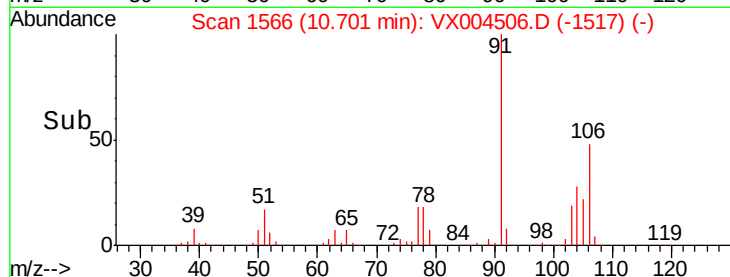
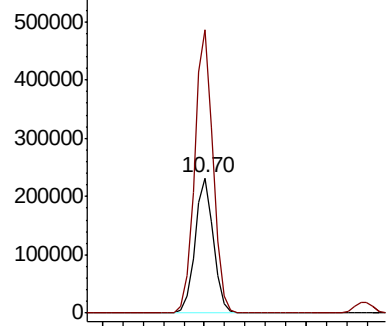
#69
o-Xylene
Concen: 50.94 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 288679
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.1

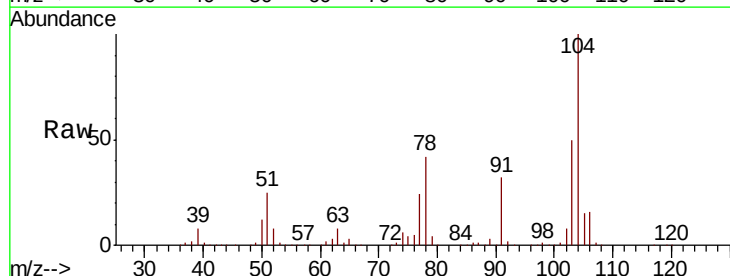


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

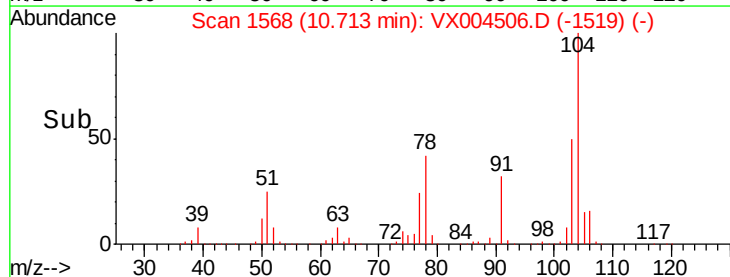
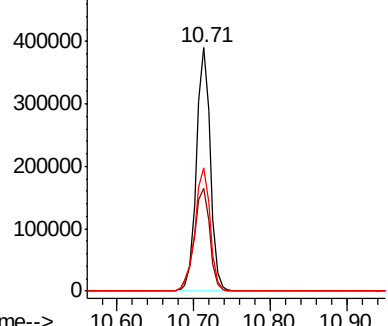


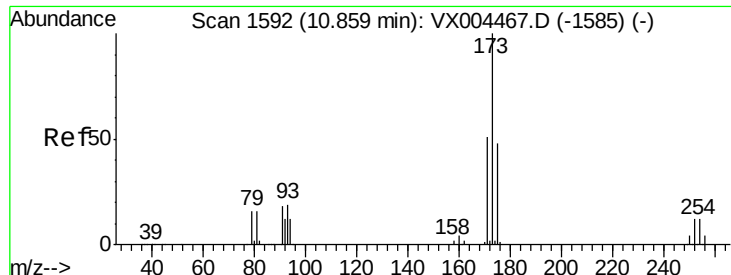
#70
Styrene
Concen: 51.84 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Tgt Ion:104 Resp: 486667
Ion Ratio Lower Upper
104 100
78 47.8 37.4 56.0
103 55.5 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

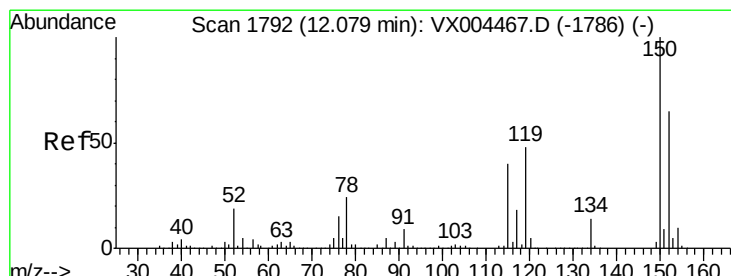
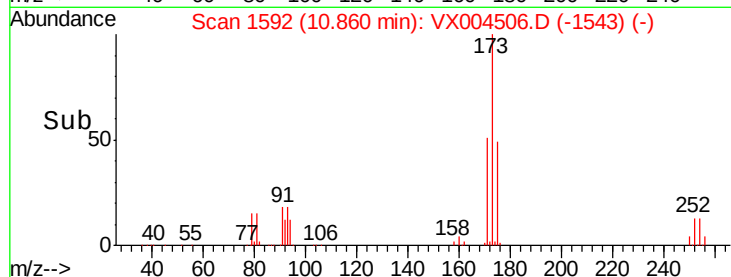
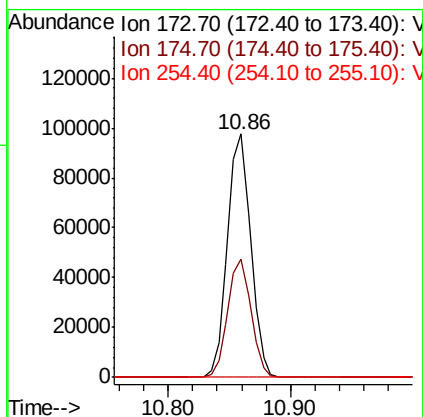
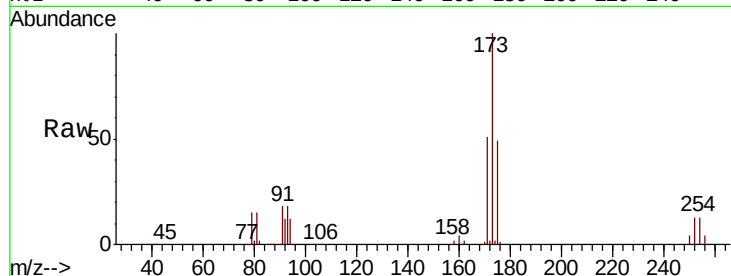




#71
Bromoform
Concen: 48.16 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

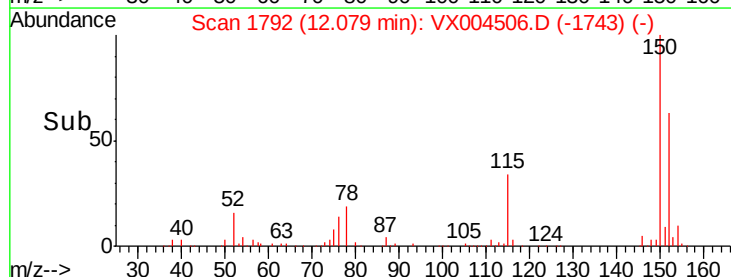
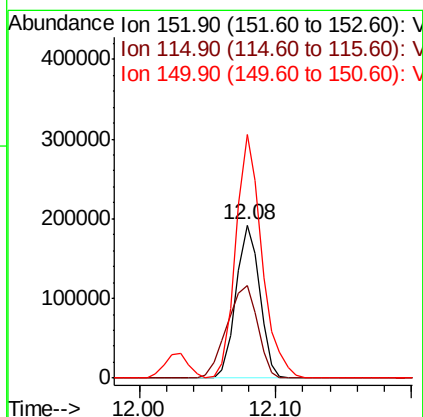
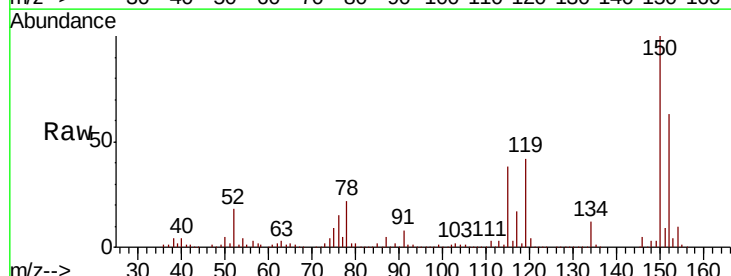
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

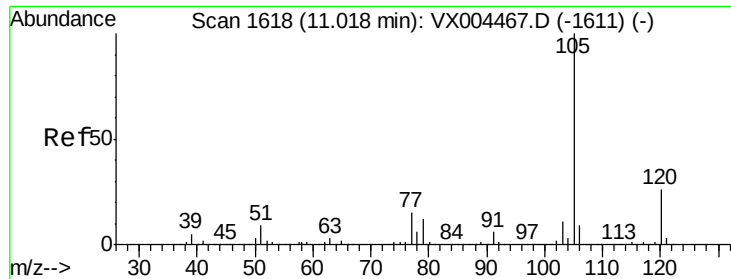
Tot Ion:173 Resp: 128330
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004506.D
Acq: 13 Sep 2018 10:17

Tgt Ion:152 Resp: 232844
Ion Ratio Lower Upper
152 100
115 78.3 39.0 117.0
150 175.0 0.0 351.0





#73

Isopropylbenzene

Concen: 51.14 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

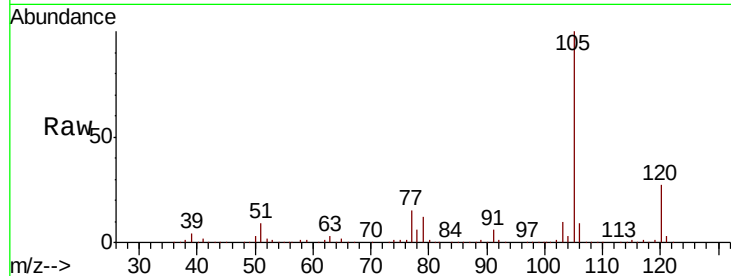
VSTDCCC050

Tot Ion:105 Resp: 784261

Ion Ratio Lower Upper

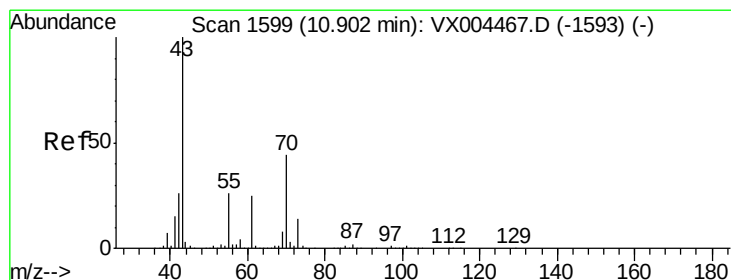
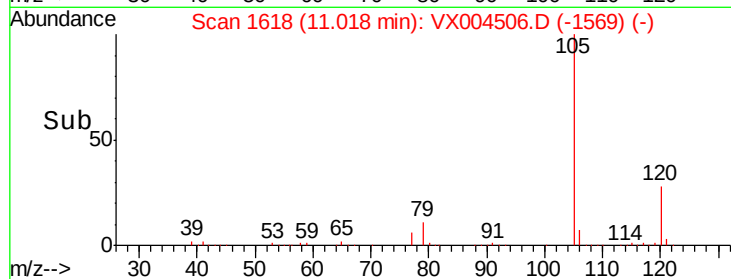
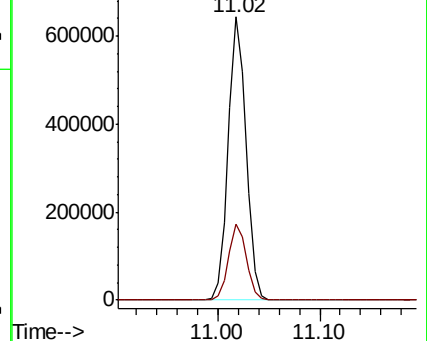
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.94 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Tgt Ion: 43 Resp: 315883

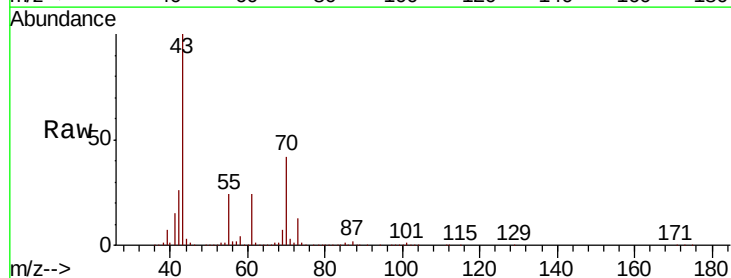
Ion Ratio Lower Upper

43 100

70 43.7 37.4 56.0

55 25.6 21.8 32.8

61 24.9 20.6 30.8

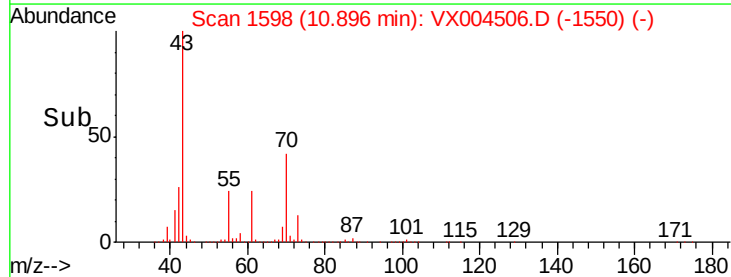
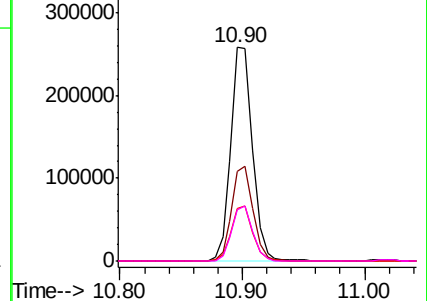


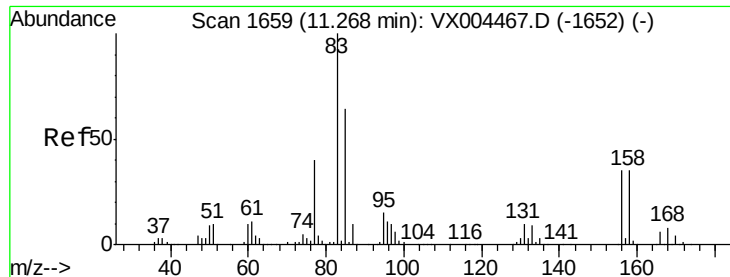
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.16 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

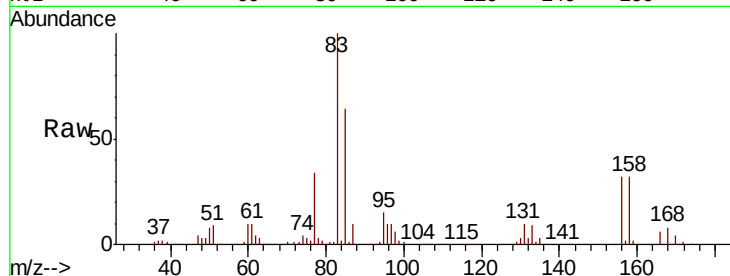
Tot Ion: 83 Resp: 223382

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

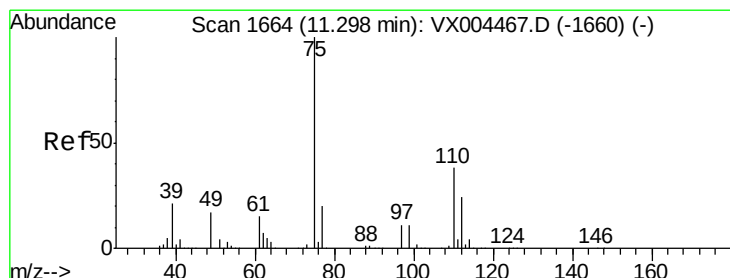
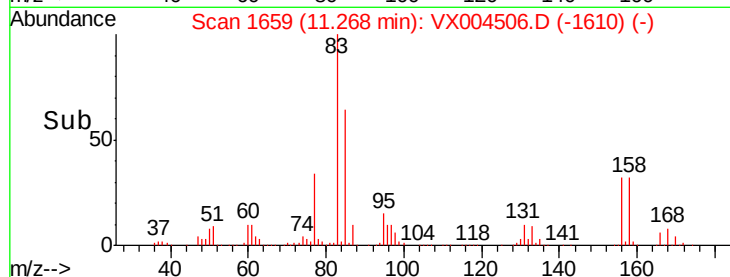
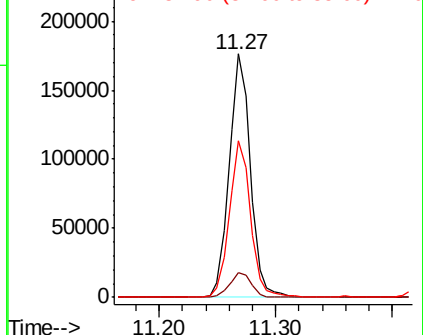
85 64.4 32.3 96.8



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: 60.47 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004506.D

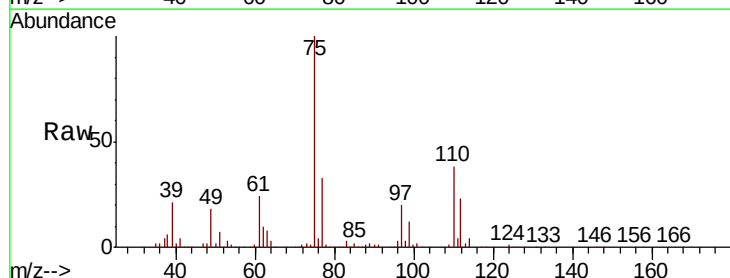
Acq: 13 Sep 2018 10:17

Tgt Ion: 75 Resp: 283266

Ion Ratio Lower Upper

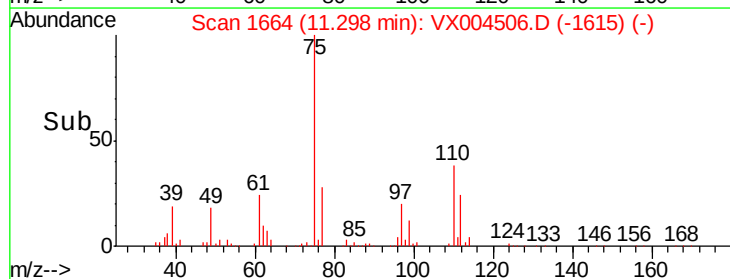
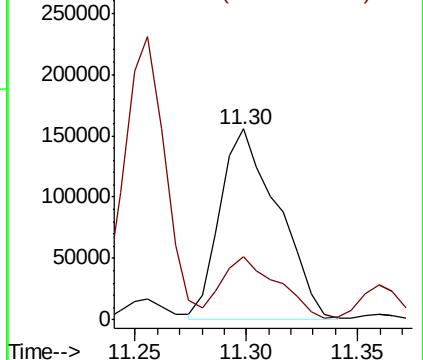
75 100

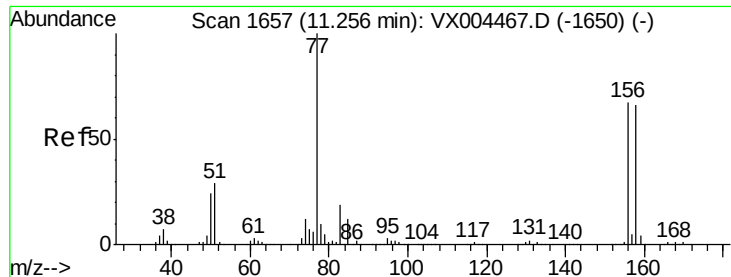
77 31.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.67 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

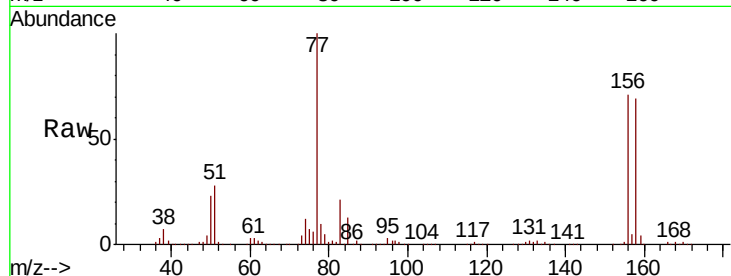
Tot Ion:156 Resp: 206290

Ion Ratio Lower Upper

156 100

77 144.2 71.5 214.3

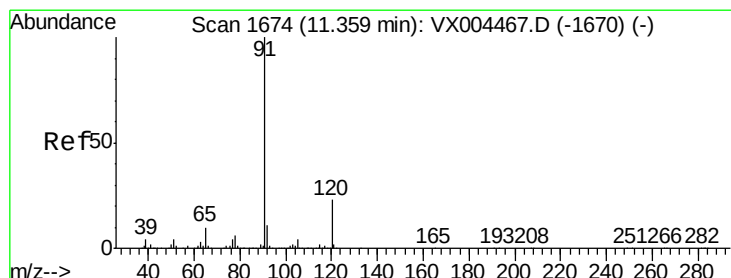
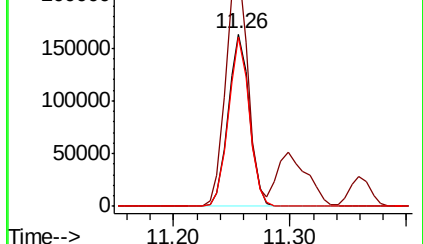
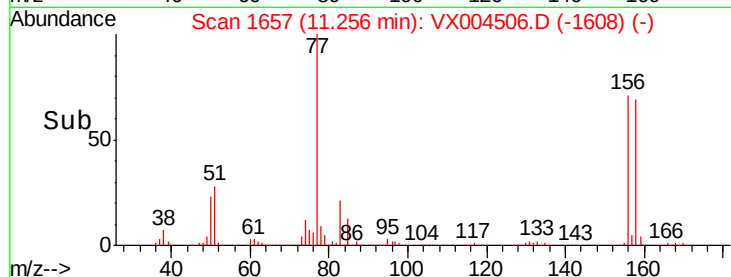
158 96.6 48.9 146.8



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: 52.23 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004506.D

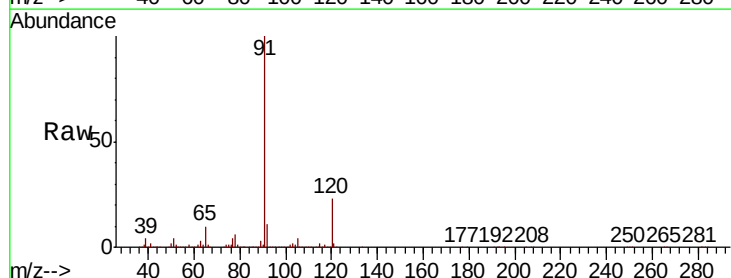
Acq: 13 Sep 2018 10:17

Tgt Ion: 91 Resp: 920882

Ion Ratio Lower Upper

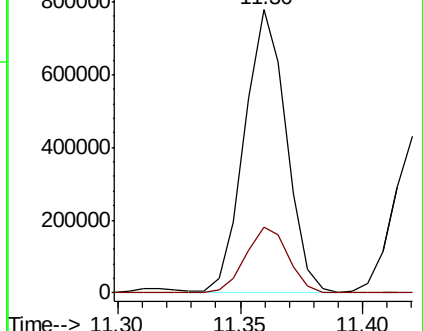
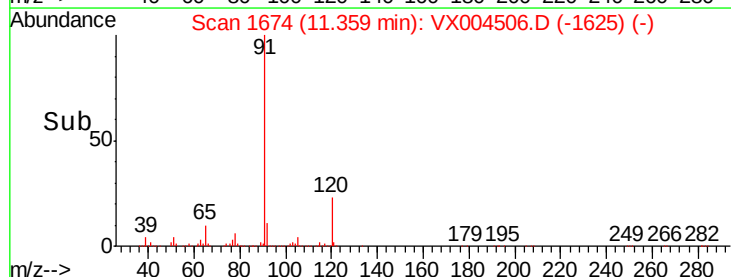
91 100

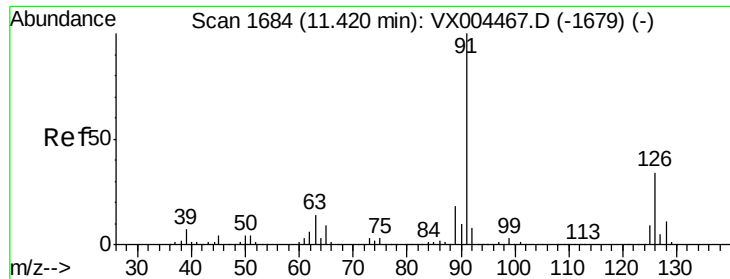
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

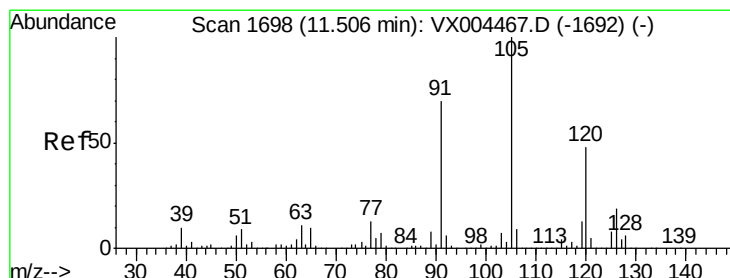
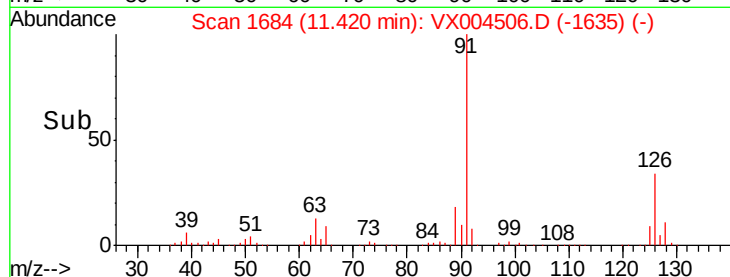
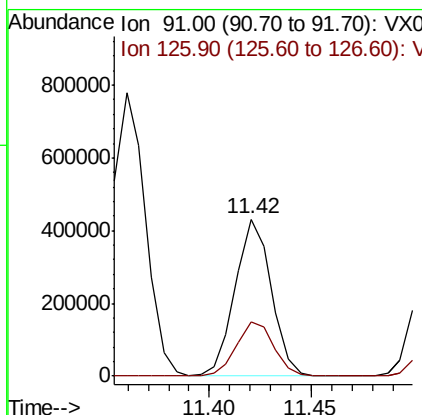
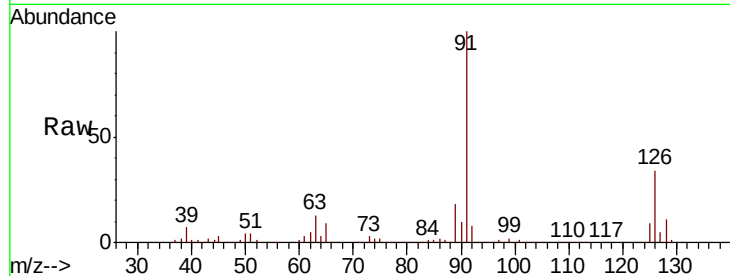




#79
 2-Chlorotoluene
 Concen: 49.47 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

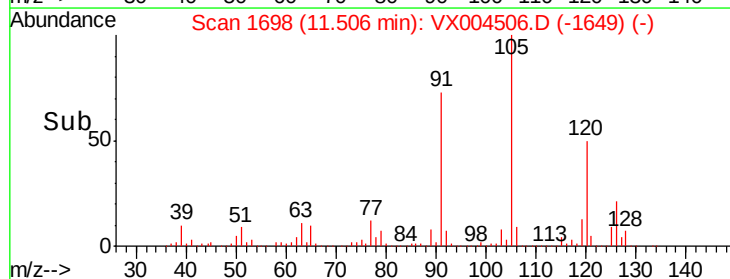
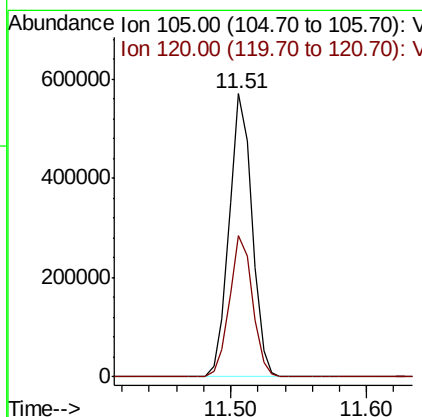
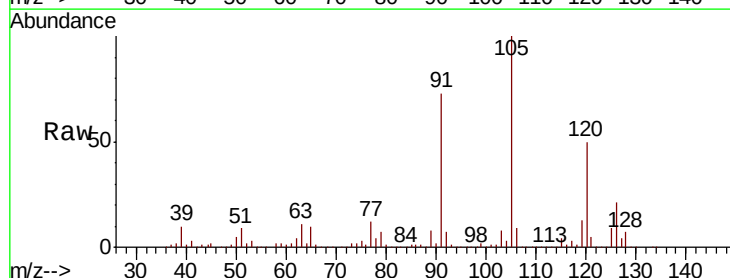
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

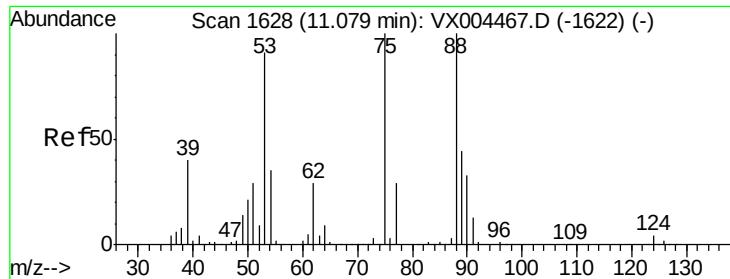
Tot Ion: 91 Resp: 528993
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.82 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion: 105 Resp: 668046
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.17 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

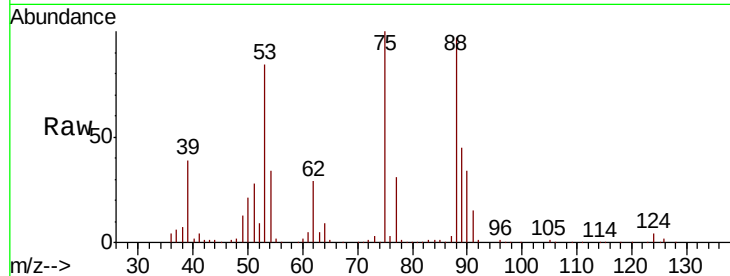
Tot Ion: 75 Resp: 76675

Ion Ratio Lower Upper

75 100

53 91.0 80.1 120.1

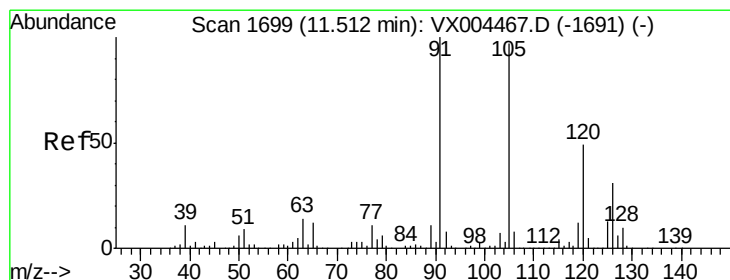
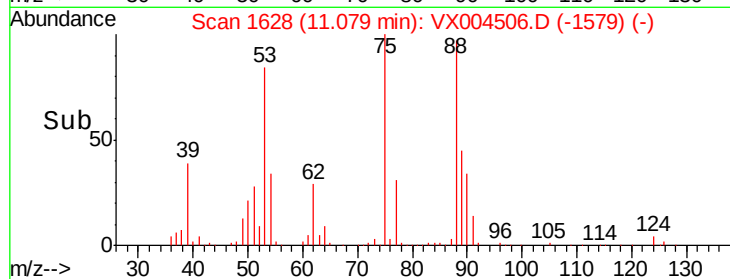
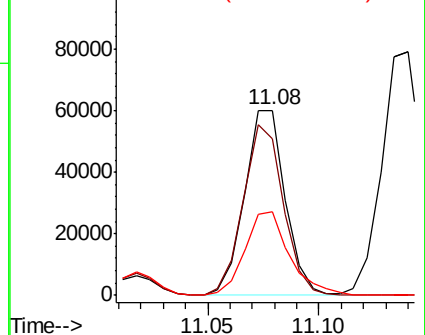
89 49.8 37.2 55.8



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: 50.44 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004506.D

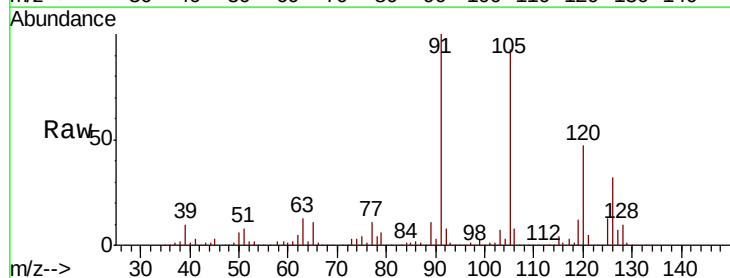
Acq: 13 Sep 2018 10:17

Tgt Ion: 91 Resp: 629562

Ion Ratio Lower Upper

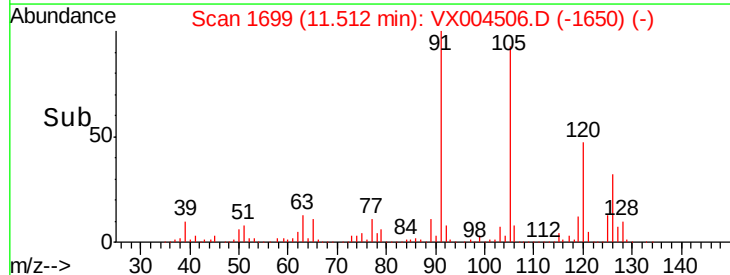
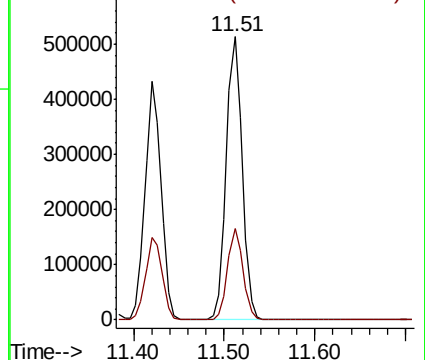
91 100

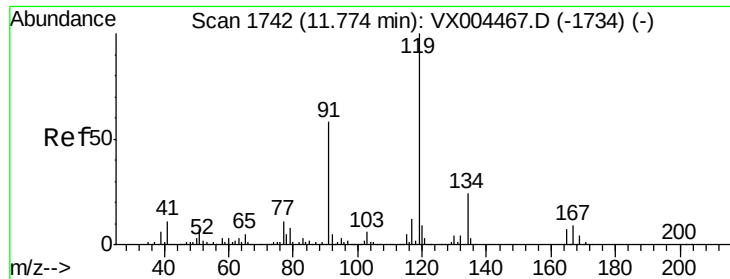
126 31.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

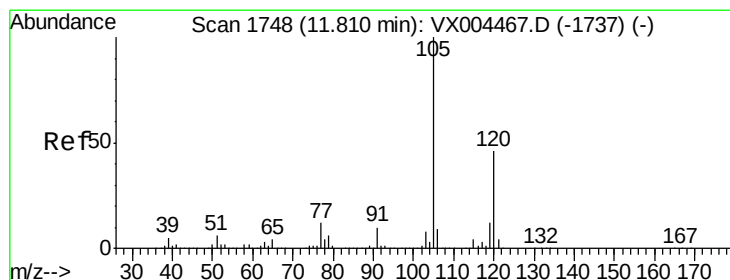
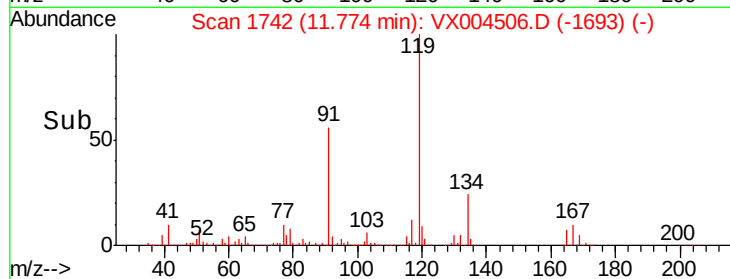
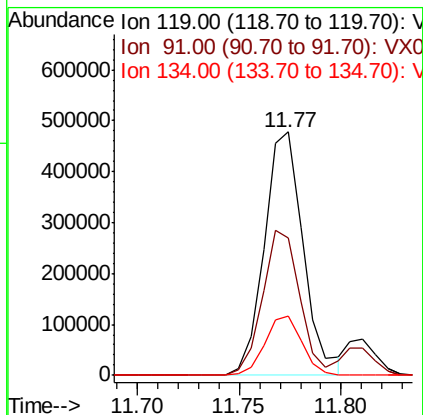
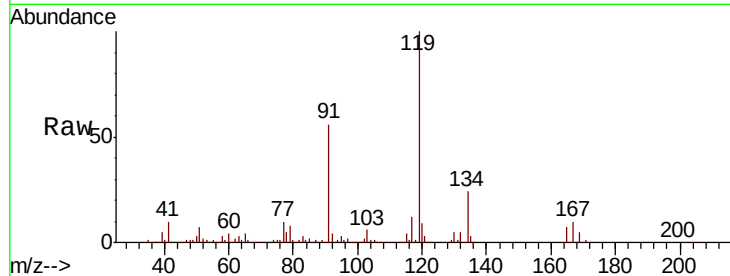




#83
 tert-Butylbenzene
 Concen: 51.88 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

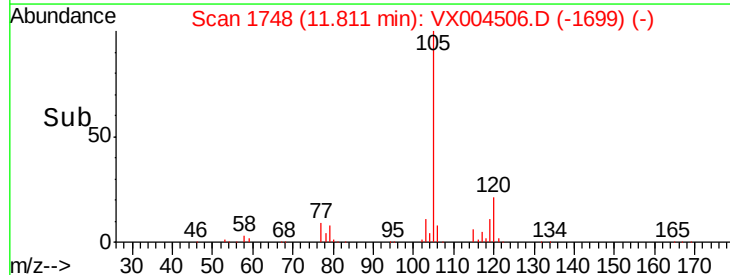
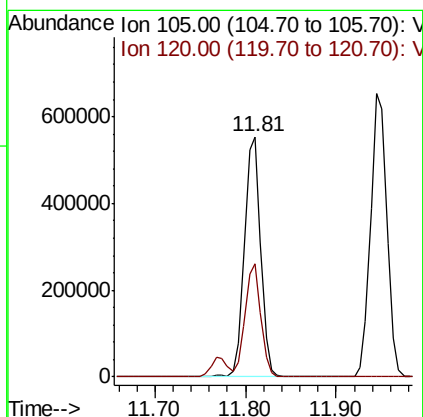
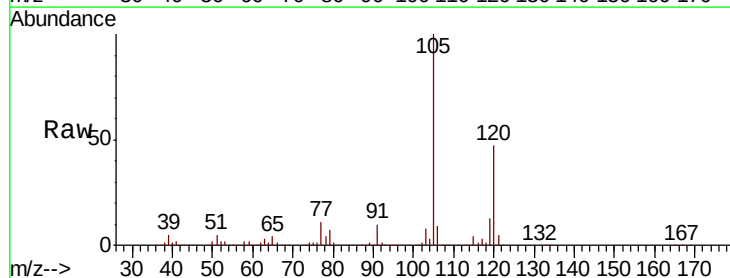
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

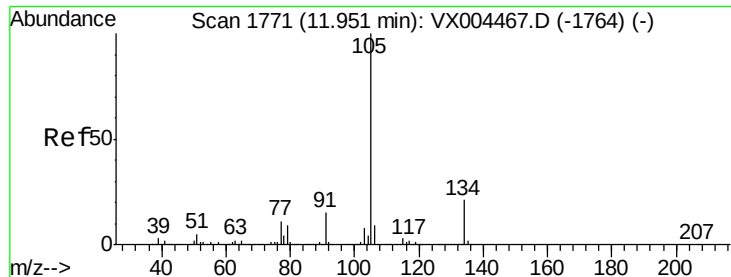
Tot Ion:119 Resp: 636742
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.0 81.0
 134 23.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.11 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion:105 Resp: 685875
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.11 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

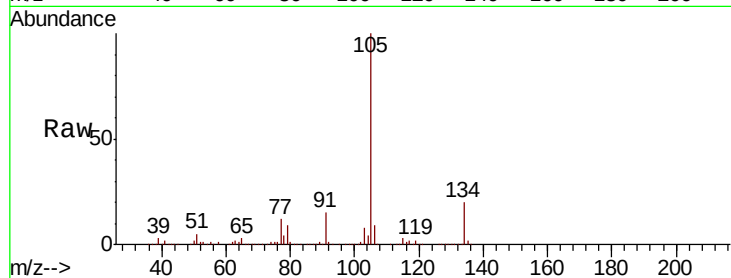
VSTDCCC050

Tot Ion:105 Resp: 815065

Ion Ratio Lower Upper

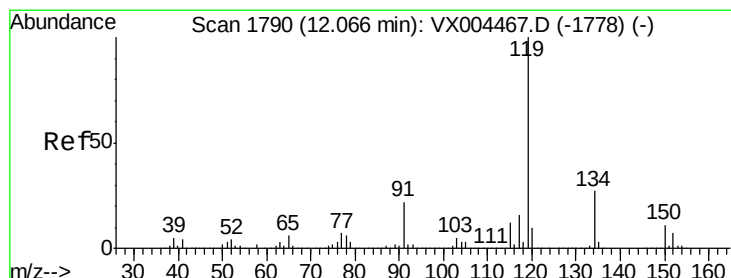
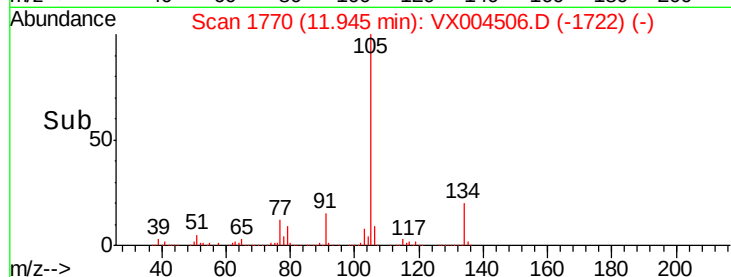
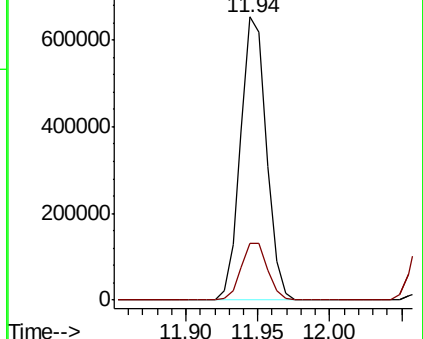
105 100

134 20.7 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: 53.66 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

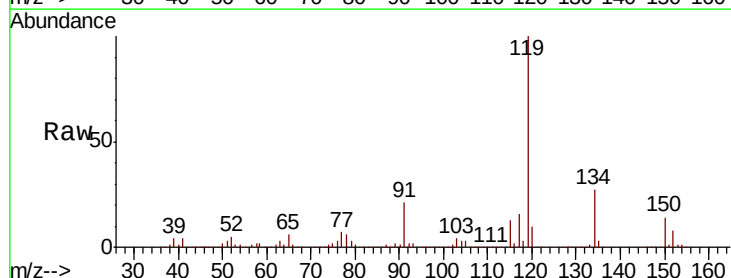
Tgt Ion:119 Resp: 741063

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

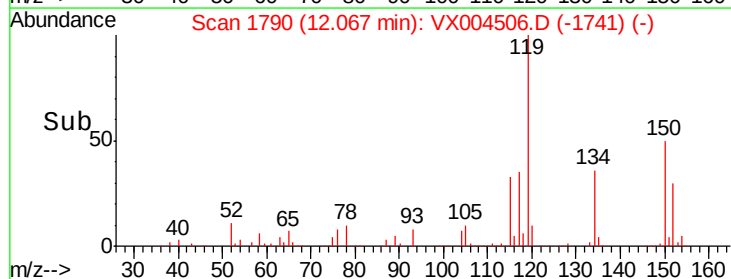
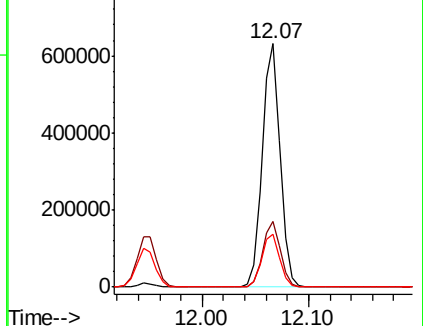
91 22.0 10.9 32.7

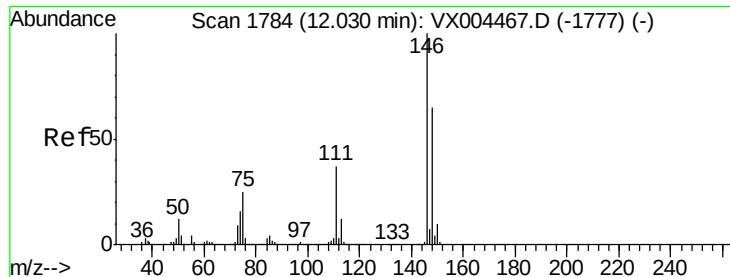


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

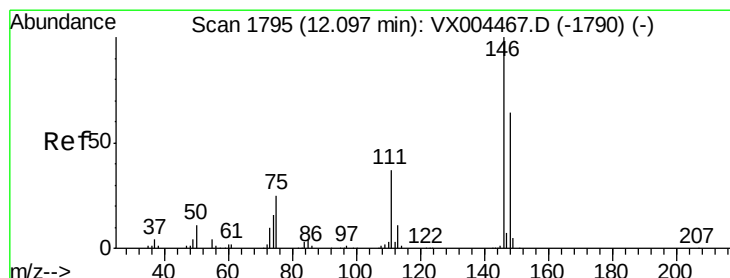
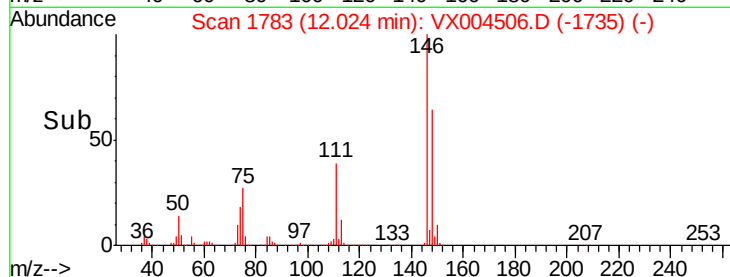
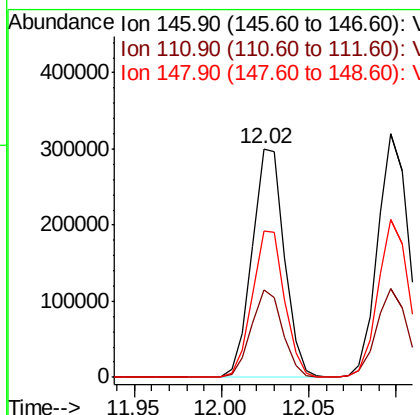
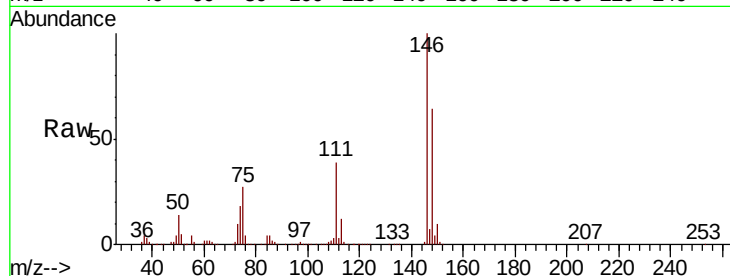




#87
 1,3-Dichlorobenzene
 Concen: 48.87 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

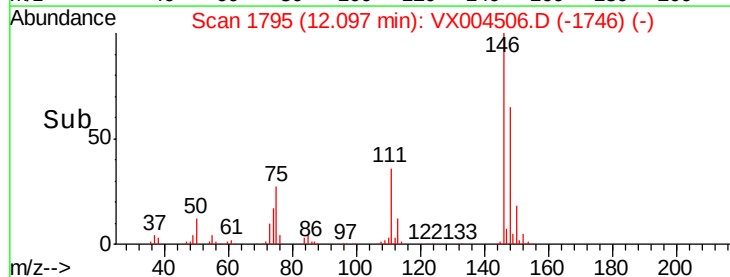
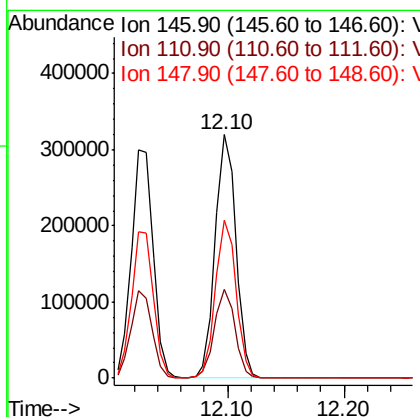
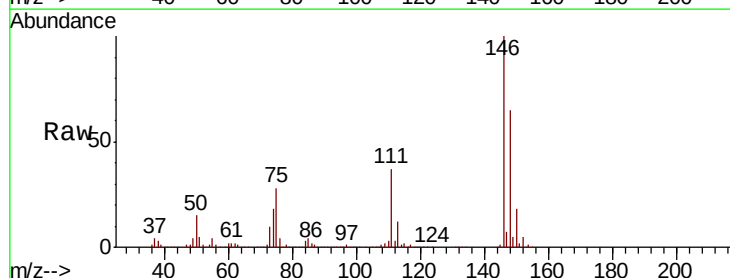
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

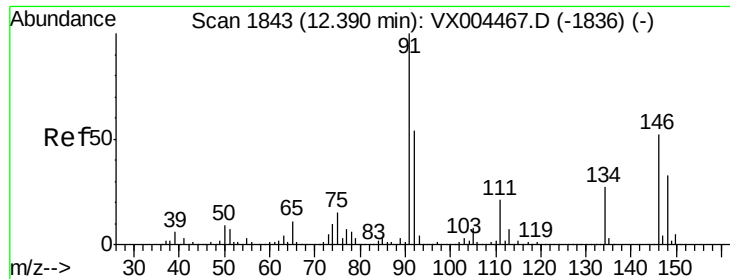
Tot Ion:146 Resp: 386465
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.7 56.1
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.92 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion:146 Resp: 391530
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.1
 148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 53.12 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

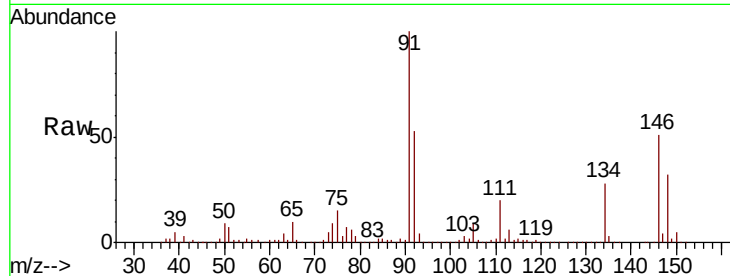
Tot Ion: 91 Resp: 668522

Ion Ratio Lower Upper

91 100

92 52.9 27.3 81.9

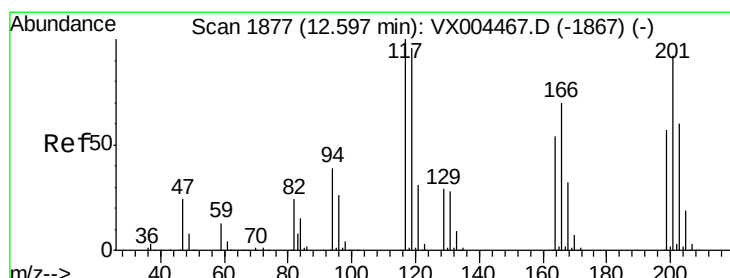
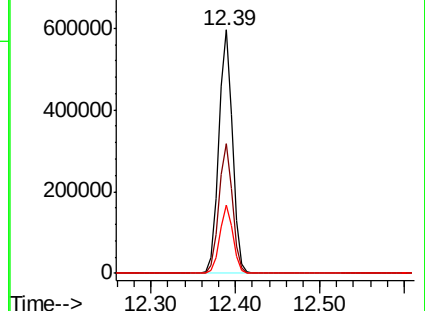
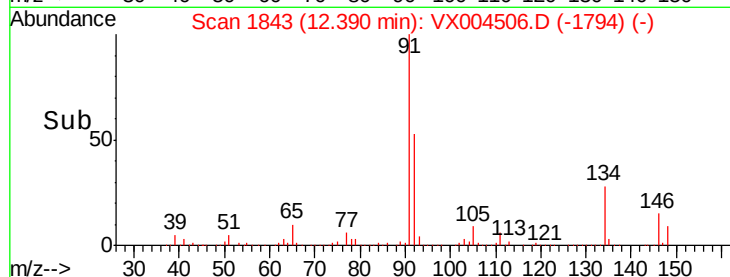
134 27.3 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004467.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004467.D (-1836) (-)



#90

Hexachloroethane

Concen: 49.14 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX004506.D

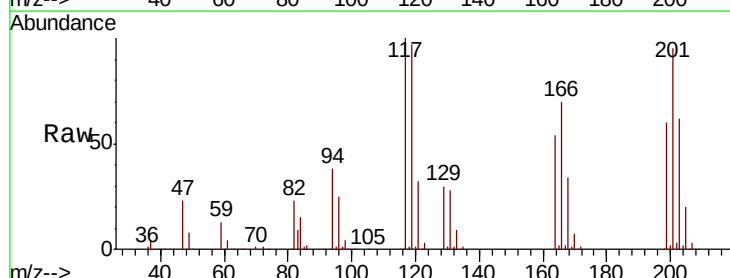
Acq: 13 Sep 2018 10:17

Tgt Ion: 117 Resp: 108644

Ion Ratio Lower Upper

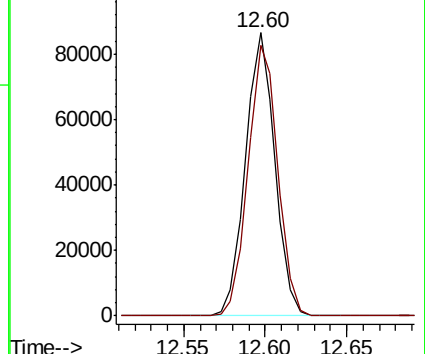
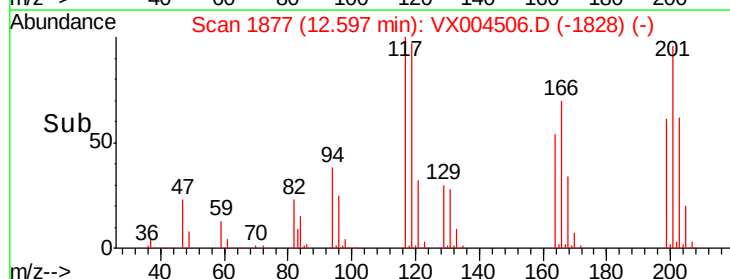
117 100

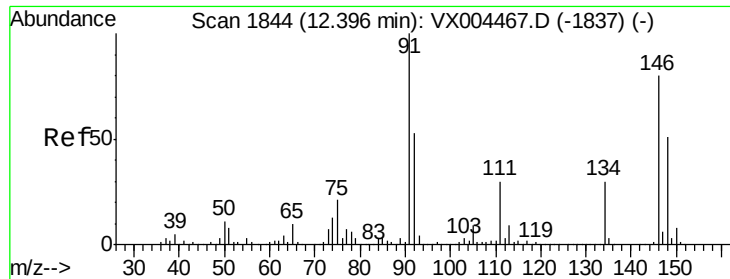
201 96.7 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): VX004467.D (-1867) (-)

Ion 200.70 (200.40 to 201.40): VX004467.D (-1867) (-)

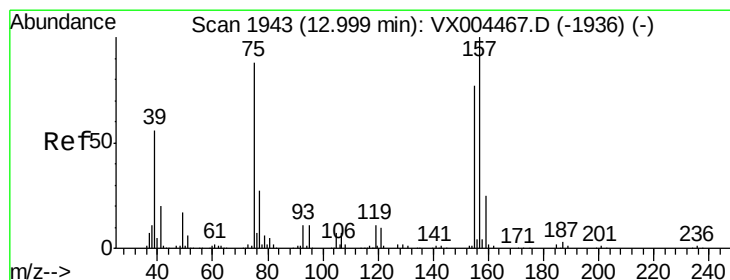
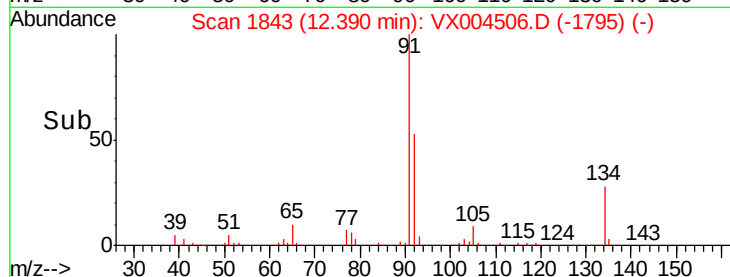
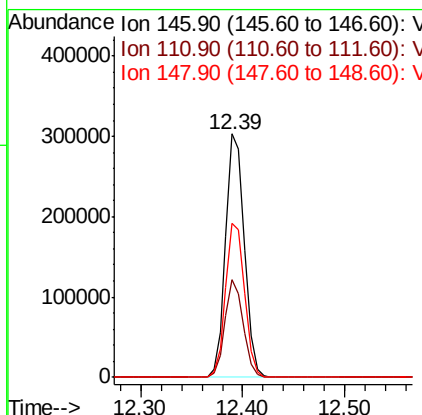
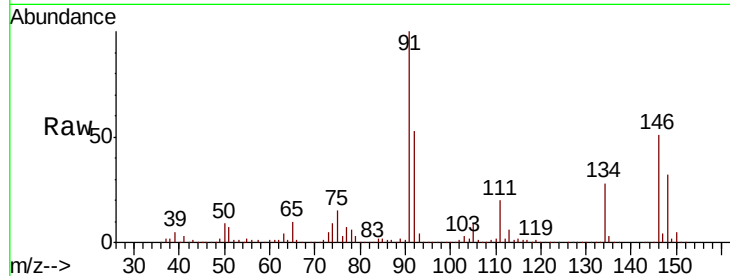




#91
 1,2-Dichlorobenzene
 Concen: 48.15 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

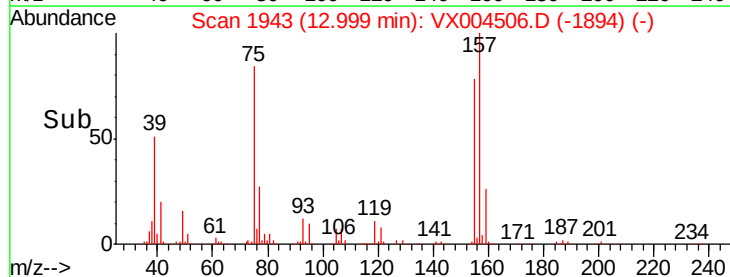
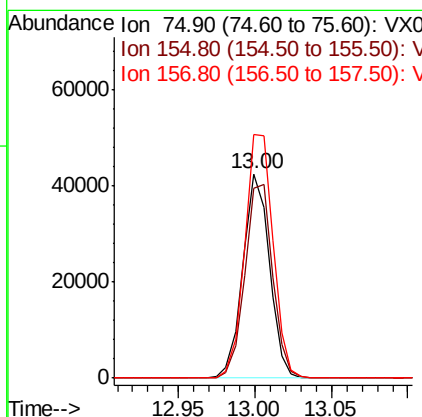
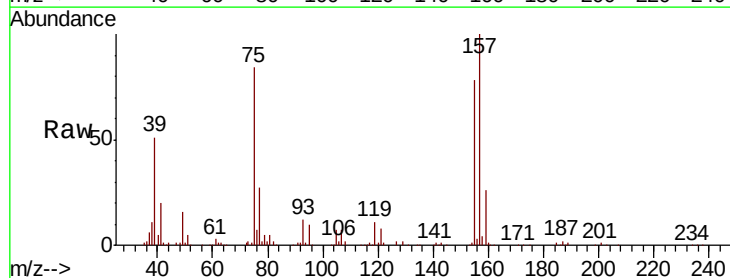
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

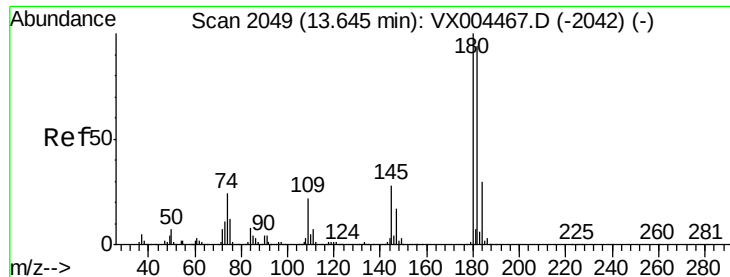
Tot Ion:146 Resp: 385436
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 64.1 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.57 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion: 75 Resp: 51297
 Ion Ratio Lower Upper
 75 100
 155 98.8 48.0 144.2
 157 126.8 61.4 184.1

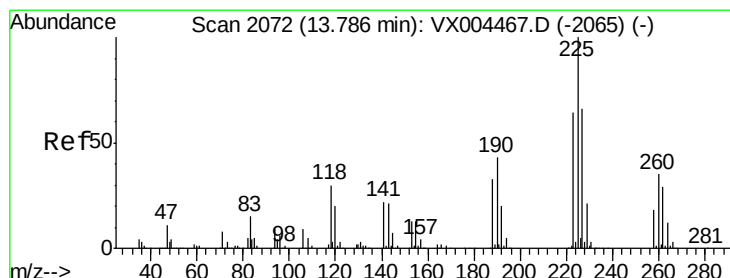
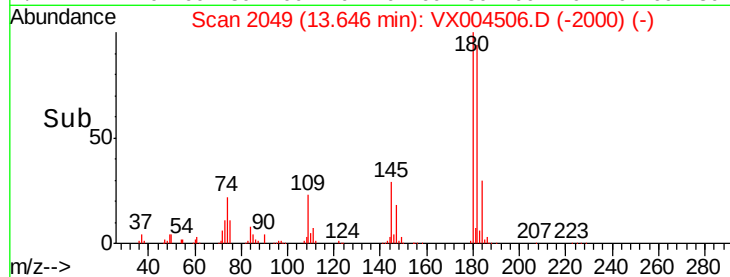
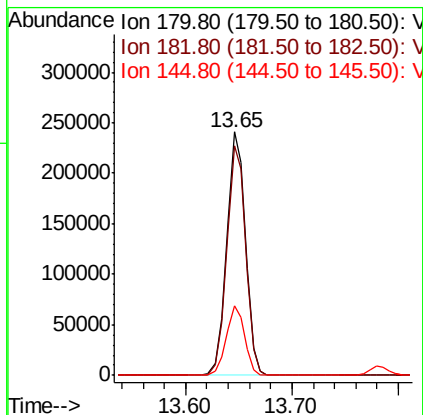
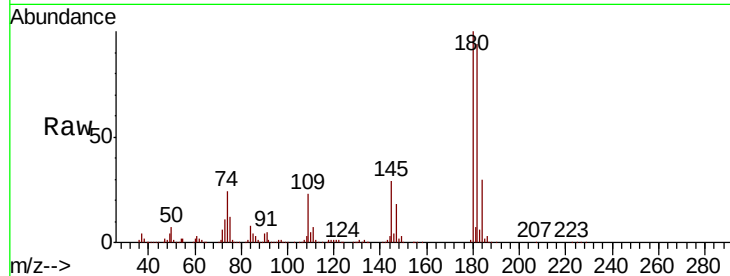




#93
 1,2,4-Trichlorobenzene
 Concen: 52.47 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

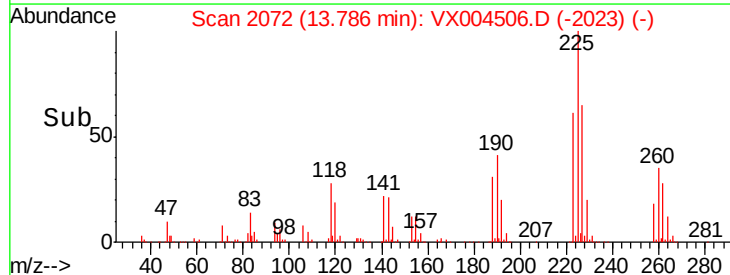
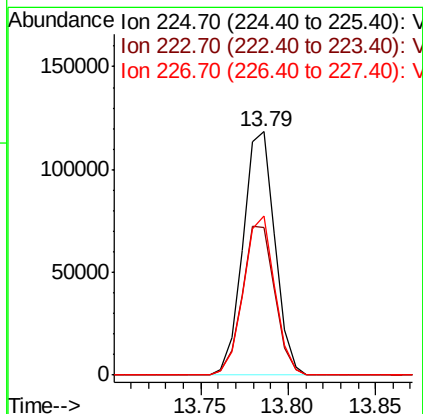
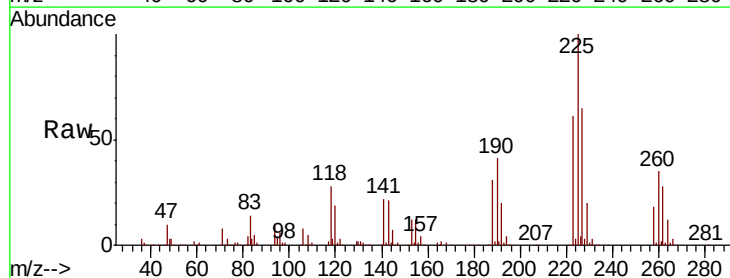
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

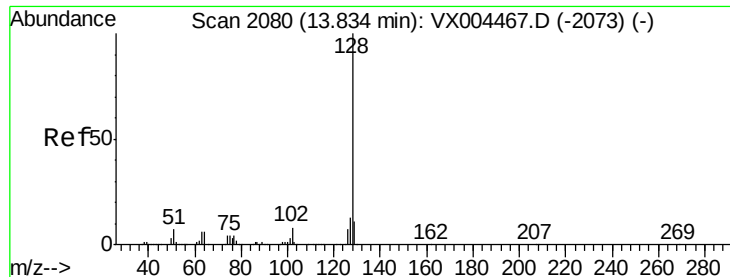
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.4	145.0
145	28.2	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 50.59 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004506.D
 Acq: 13 Sep 2018 10:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.1	90.5
227	63.8	30.8	92.4





#95

Naphthalene

Concen: 52.57 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

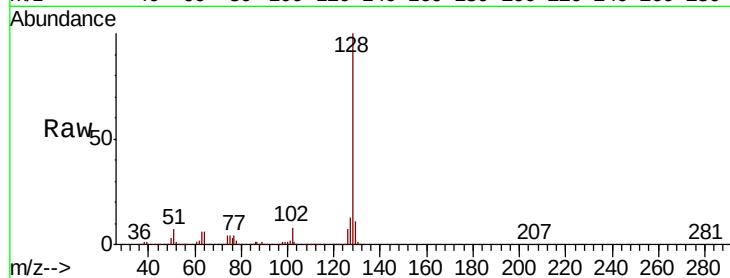
Tot Ion:128 Resp: 835587

Ion Ratio Lower Upper

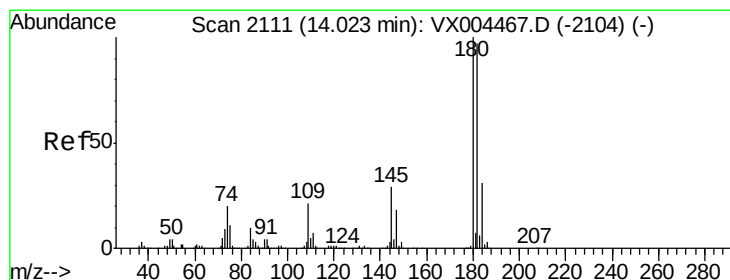
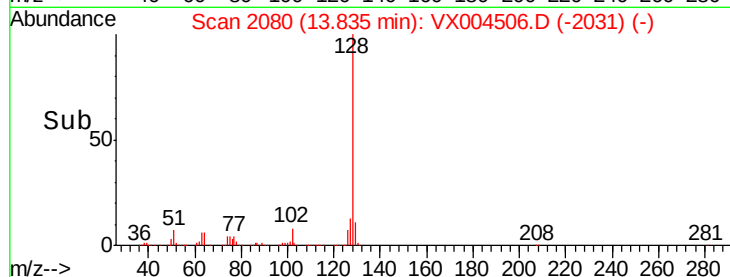
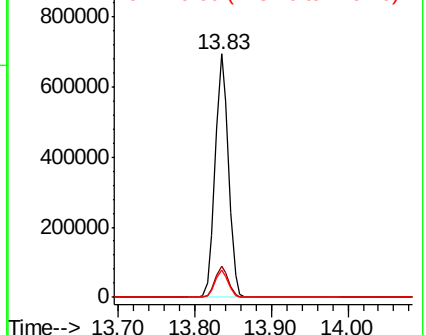
128 100

127 12.8 10.2 15.2

129 10.9 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: 50.85 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004506.D

Acq: 13 Sep 2018 10:17

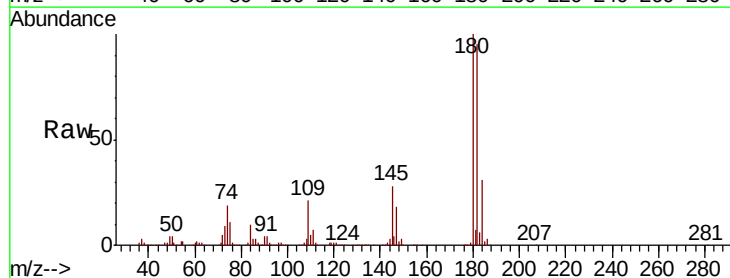
Tgt Ion:180 Resp: 296101

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 29.8 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

