

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004464.D
 Acq On : 11 Sep 2018 12:34
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 12 01:43:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 01:43:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	276852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	4954	1.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.78%	
35) Dibromofluoromethane	5.51	113	3681	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	
50) Toluene-d8	8.71	98	11323	1.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.00%	
62) 4-Bromofluorobenzene	11.14	95	3283	0.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2392	0.922	ug/l	93
3) Chloromethane	1.32	50	3848	1.078	ug/l	99
4) Vinyl Chloride	1.40	62	3707	1.011	ug/l	99
5) Bromomethane	1.64	94	2339	1.337	ug/l	95
6) Chloroethane	1.72	64	2672	1.127	ug/l	93
7) Trichlorofluoromethane	1.93	101	5107	1.051	ug/l	99
8) Diethyl Ether	2.19	74	2064	0.948	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3186	1.034	ug/l	98
10) Methyl Iodide	2.51	142	2287	0.675	ug/l	99
11) Tert butyl alcohol	3.06	59	4770	5.600	ug/l	96
12) 1,1-Dichloroethene	2.37	96	3017	1.043	ug/l	90
13) Acrolein	2.29	56	2109	6.272	ug/l	85
14) Allyl chloride	2.73	41	6161	1.036	ug/l	92
15) Acrylonitrile	3.15	53	10609	5.172	ug/l	99
16) Acetone	2.44	43	10460	6.004	ug/l	99
17) Carbon Disulfide	2.57	76	7993	0.956	ug/l	97
18) Methyl Acetate	2.78	43	5637	1.153	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	10581	1.042	ug/l	98
20) Methylene Chloride	2.85	84	4375	1.224	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	3313	1.036	ug/l	95
22) Diisopropyl ether	3.87	45	11063	1.033	ug/l	95
23) Vinyl Acetate	3.82	43	39892	4.602	ug/l	99
24) 1,1-Dichloroethane	3.70	63	6366	1.053	ug/l #	92
25) 2-Butanone	4.70	43	15226	5.491	ug/l	96
26) 2,2-Dichloropropane	4.57	77	4489	1.081	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	3525	0.988	ug/l	91
28) Bromochloromethane	5.02	49	2659	0.961	ug/l #	97
29) Tetrahydrofuran	5.16	42	8410	5.029	ug/l	91
30) Chloroform	5.21	83	6145	1.041	ug/l	92
31) Cyclohexane	5.57	56	4383	0.849	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	4658	0.980	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	4573	1.018	ug/l	97
37) Ethyl Acetate	4.86	43	5237	1.025	ug/l #	95
38) Carbon Tetrachloride	5.78	117	4427	1.009	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	4150	0.885	ug/l #	87
40) Benzene	6.13	78	13313	0.999	ug/l	93
41) Methacrylonitrile	5.07	41	2724	0.967	ug/l	95
42) 1,2-Dichloroethane	6.20	62	4877	1.103	ug/l	99
43) Isopropyl Acetate	6.46	43	6590	0.971	ug/l	99
44) Trichloroethene	7.21	130	3484	1.006	ug/l	84
45) 1,2-Dichloropropane	7.52	63	3077	0.959	ug/l	96
46) Dibromomethane	7.66	93	1985	0.979	ug/l	95
47) Bromodichloromethane	7.90	83	3613	0.943	ug/l	97
48) Methyl methacrylate	7.78	41	2787	0.830	ug/l	93
49) 1,4-Dioxane	7.76	88	1420	17.860	ug/l #	52
51) 4-Methyl-2-Pentanone	8.65	43	24016	5.014	ug/l	93
52) Toluene	8.79	92	7074	0.901	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	3937	0.879	ug/l	99
54) cis-1,3-Dichloropropene	8.45	75	3796	0.832	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	3482	1.030	ug/l	98
56) Ethyl methacrylate	9.18	69	3901	0.815	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	5692	1.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	7604	3.464	ug/l	95
59) 2-Hexanone	9.50	43	17673	4.810	ug/l	91
60) Dibromochloromethane	9.58	129	3059	0.961	ug/l	99
61) 1,2-Dibromoethane	9.68	107	3340	1.034	ug/l	97
64) Tetrachloroethene	9.34	164	4489	1.133	ug/l	91
65) Chlorobenzene	10.14	112	8302	1.054	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	2668	0.982	ug/l #	66
67) Ethyl Benzene	10.25	91	11619	0.907	ug/l	92
68) m/p-Xylenes	10.36	106	8424	1.707	ug/l	91
69) o-Xylene	10.70	106	4143	0.873	ug/l	100
70) Styrene	10.71	104	6112	0.778	ug/l	97
71) Bromoform	10.86	173	2067	0.926	ug/l #	95
73) Isopropylbenzene	11.02	105	10543	0.915	ug/l	97
74) N-amyl acetate	10.90	43	4433	0.914	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	4124	1.109	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	4639	1.356	ug/l	84
77) Bromobenzene	11.26	156	3267	1.025	ug/l	96
78) n-propylbenzene	11.36	91	11727	0.885	ug/l	100
79) 2-Chlorotoluene	11.42	91	7850	0.977	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	8133	0.839	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.08	75	1028	0.930	ug/l	95
82) 4-Chlorotoluene	11.51	91	8391	0.894	ug/l	98
83) tert-Butylbenzene	11.77	119	8153	0.884	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	8018	0.810	ug/l	99
85) sec-Butylbenzene	11.94	105	10113	0.860	ug/l	96
86) p-Isopropyltoluene	12.07	119	8387	0.808	ug/l	90
87) 1,3-Dichlorobenzene	12.03	146	6075	1.022	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	6075	0.989	ug/l	97
89) n-Butylbenzene	12.39	91	8548	0.904	ug/l	94
90) Hexachloroethane	12.60	117	1617	0.973	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	6293	1.046	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	673	0.848	ug/l	88

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 01:43:12 2018
Response via : Initial Calibration

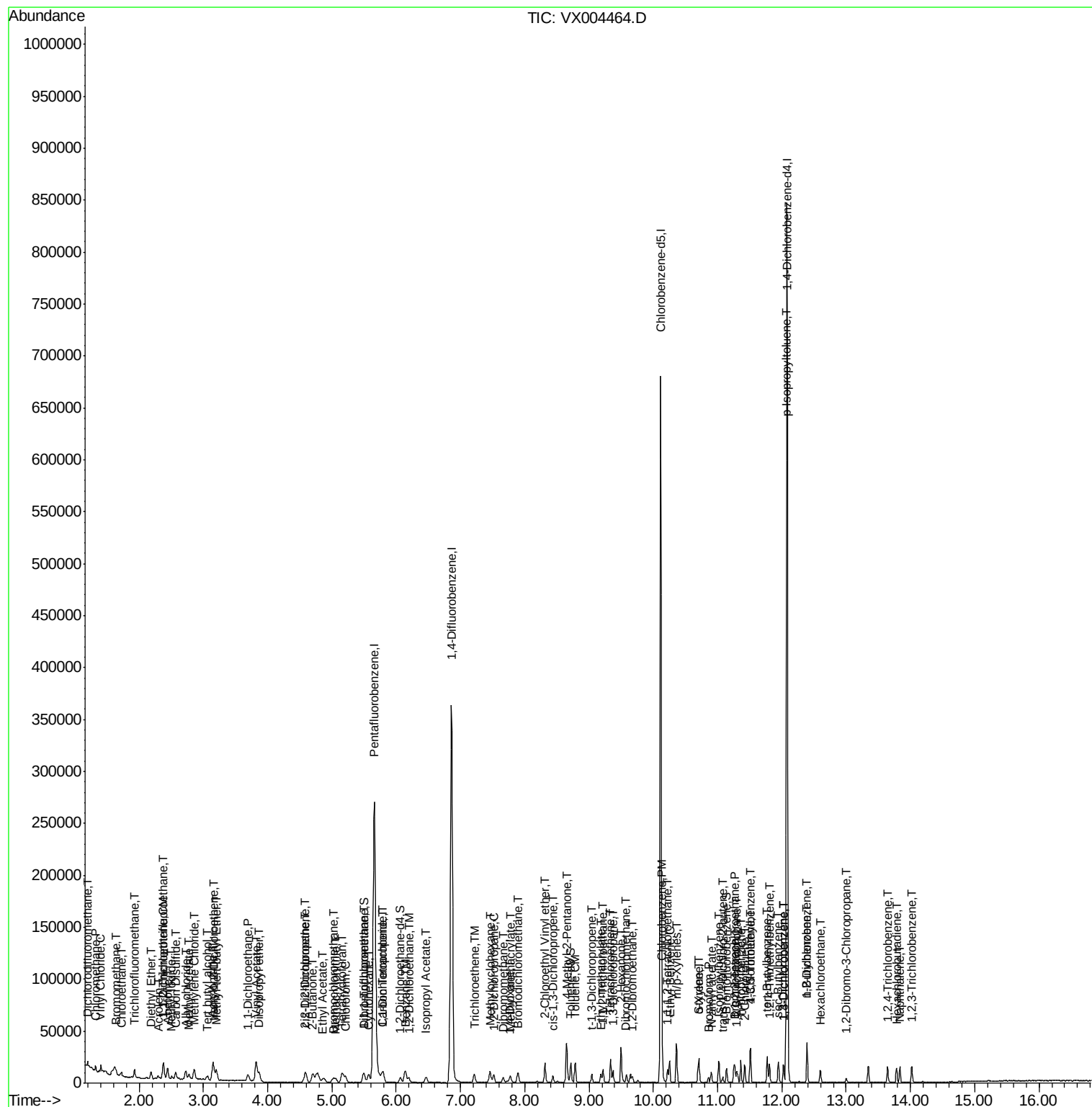
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	3835	0.900	ug/l	98
94) Hexachlorobutadiene	13.78	225	2406	1.081	ug/l	98
95) Naphthalene	13.83	128	9782	0.819	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	4306	0.984	ug/l	95

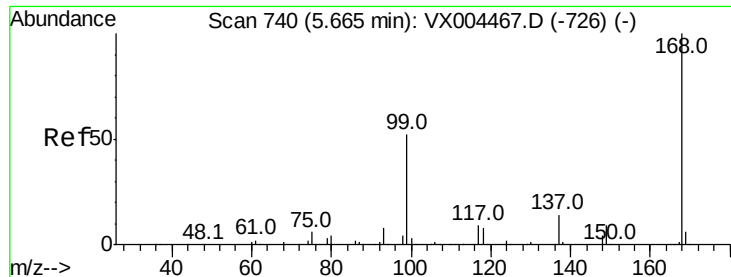
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004464.D
 Acq On : 11 Sep 2018 12:34
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Quant Time: Sep 12 01:43:20 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

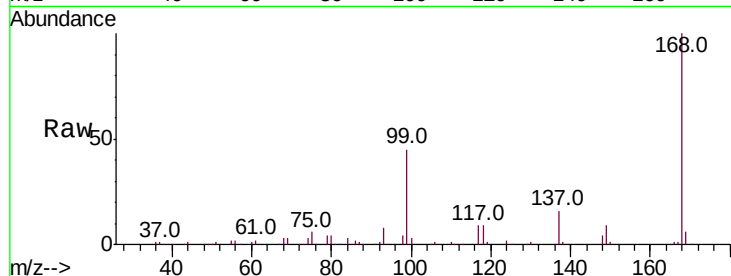
VSTDIC001

Tot Ion:168 Resp: 276852

Ion Ratio Lower Upper

168 100

99 45.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

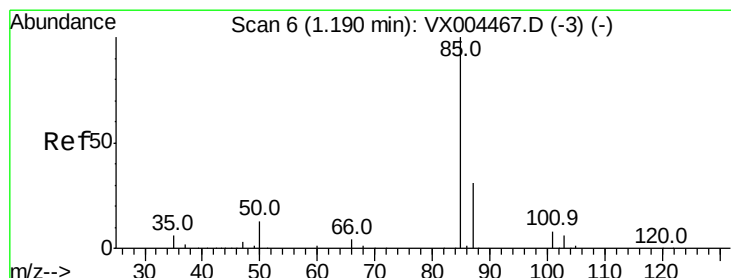
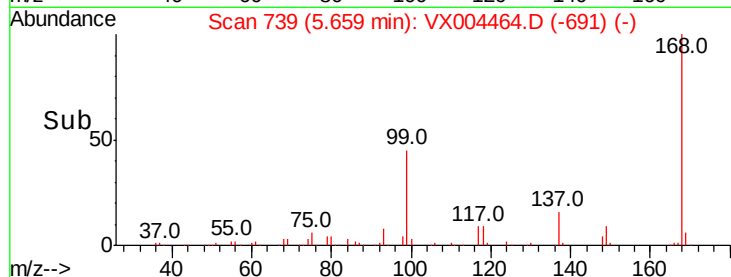
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.922 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004464.D

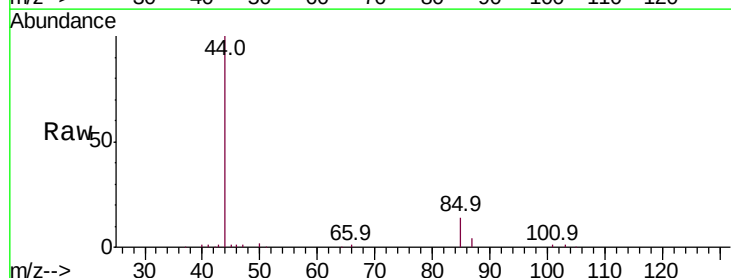
Acq: 11 Sep 2018 12:34

Tgt Ion: 85 Resp: 2392

Ion Ratio Lower Upper

85 100

87 29.8 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

2500

2000

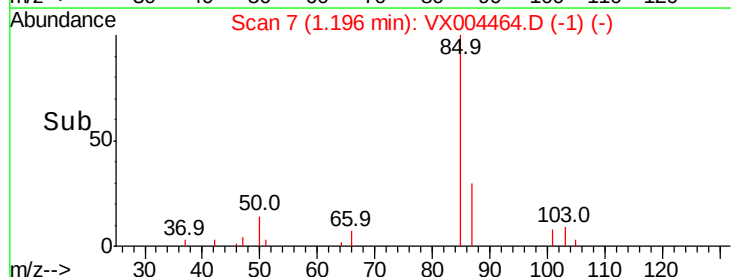
1500

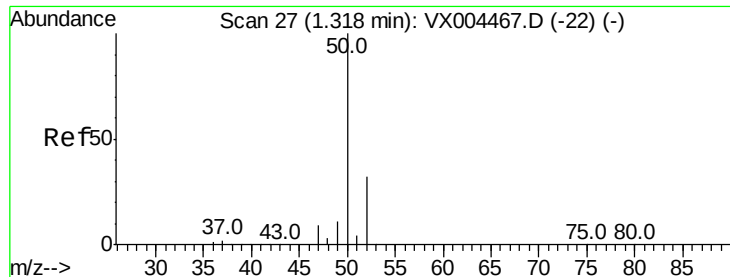
1000

500

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.078 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

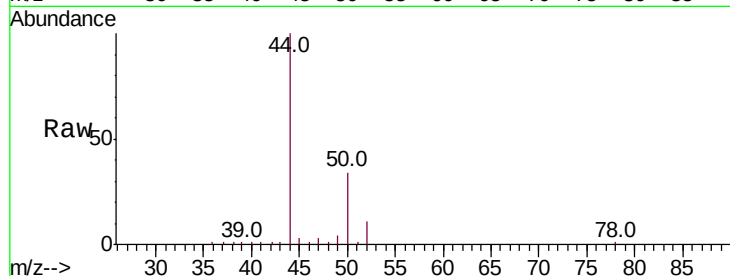
VSTDIC001

Tot Ion: 50 Resp: 3848

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

4000

3000

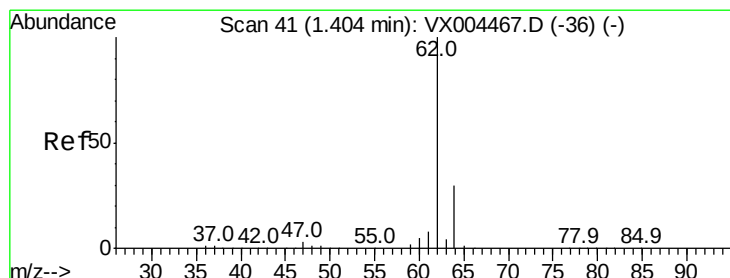
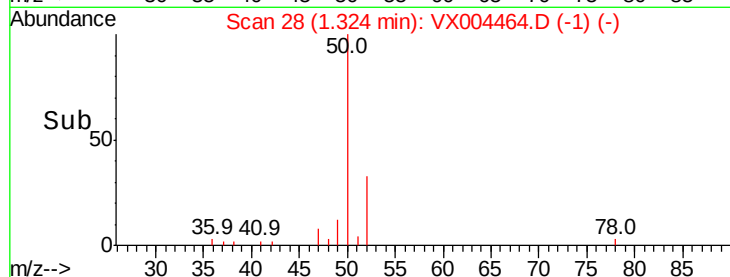
2000

1000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 1.011 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004464.D

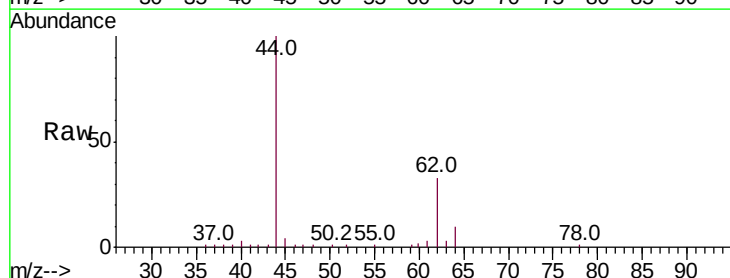
Acq: 11 Sep 2018 12:34

Tgt Ion: 62 Resp: 3707

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

3000

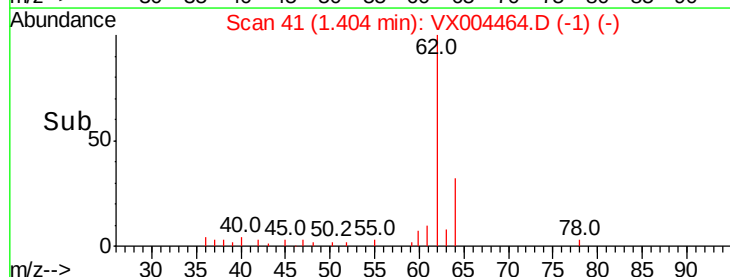
2000

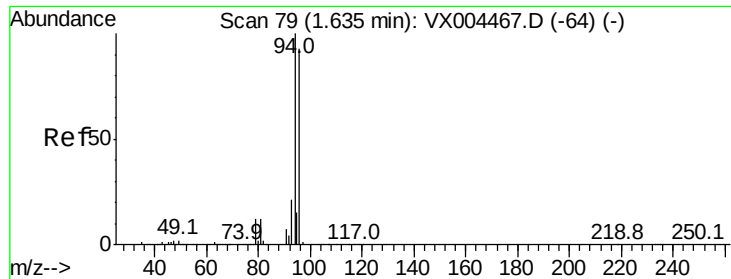
1000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 1.337 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

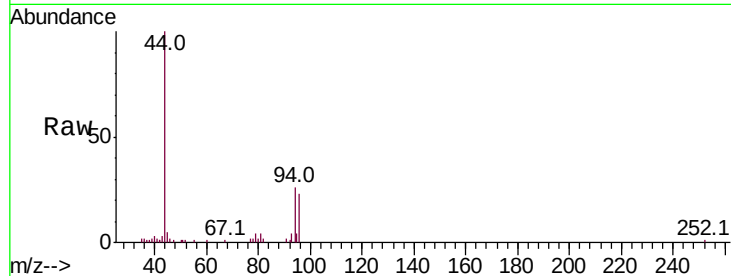
VSTDIC001

Tot Ion: 94 Resp: 2339

Ion Ratio Lower Upper

94 100

96 88.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1500

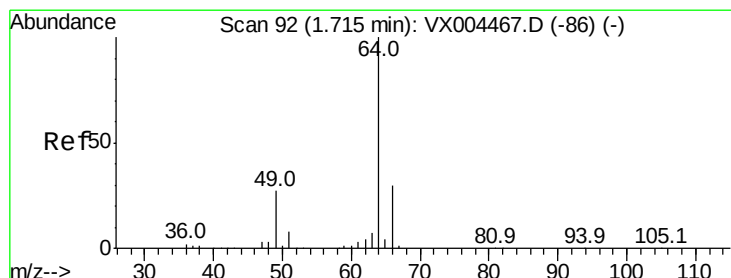
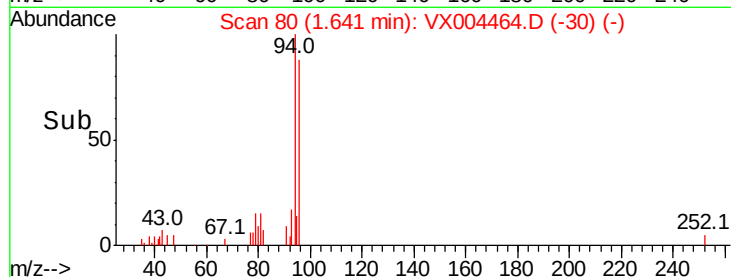
1000

500

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 1.127 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004464.D

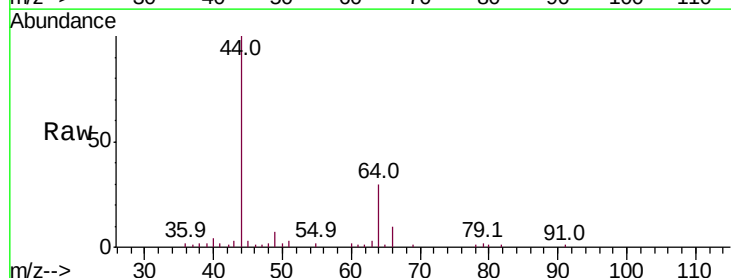
Acq: 11 Sep 2018 12:34

Tgt Ion: 64 Resp: 2672

Ion Ratio Lower Upper

64 100

66 34.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

1500

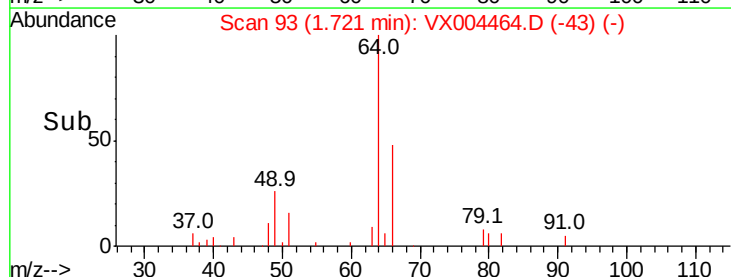
1000

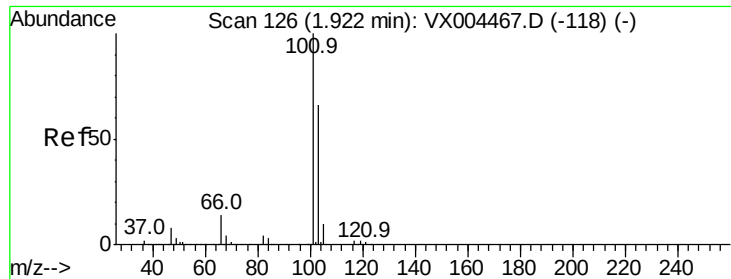
500

0

Time-->

1.65 1.70 1.75 1.80



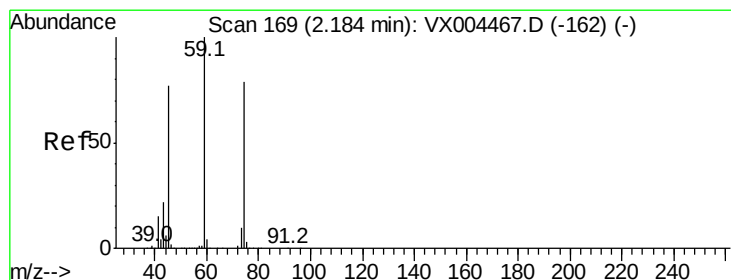
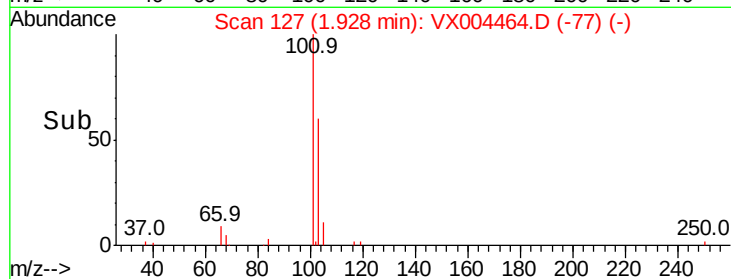
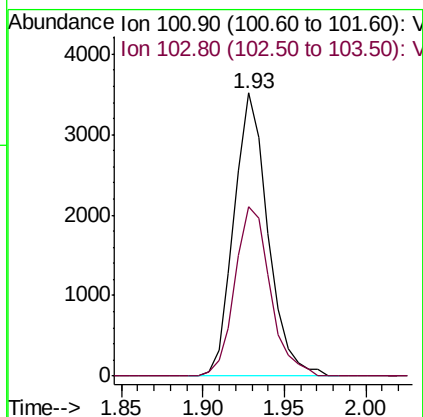
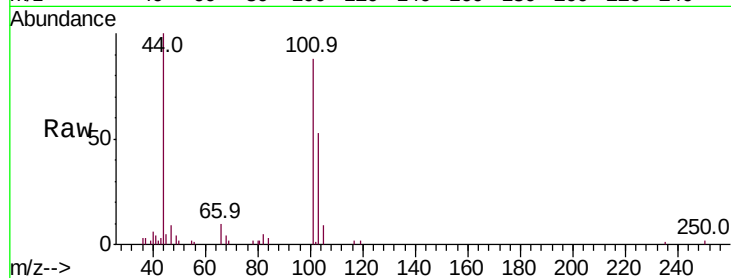


#7

Trichlorofluoromethane
 Concen: 1.051 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

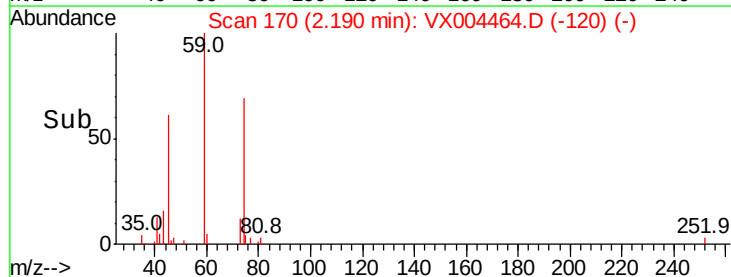
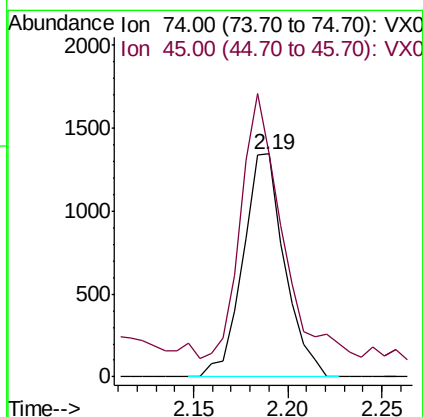
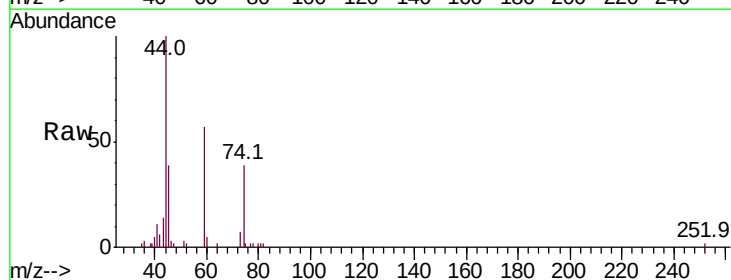
Tot Ion:101 Resp: 5107
 Ion Ratio Lower Upper
 101 100
 103 60.0 48.9 73.3

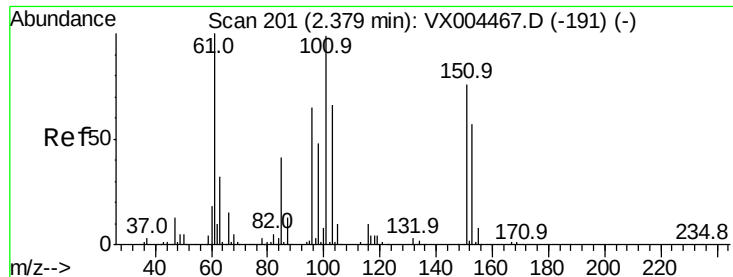


#8

Diethyl Ether
 Concen: 0.948 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Tgt Ion: 74 Resp: 2064
 Ion Ratio Lower Upper
 74 100
 45 115.4 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.034 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

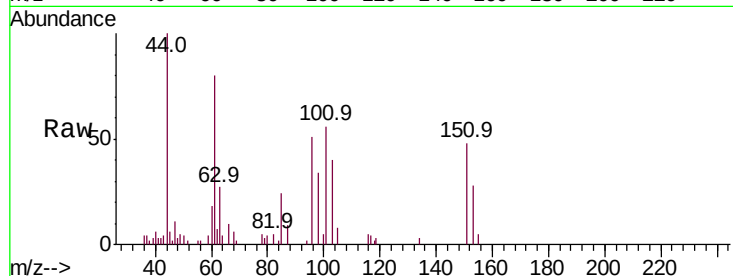
Tot Ion:101 Resp: 3186

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

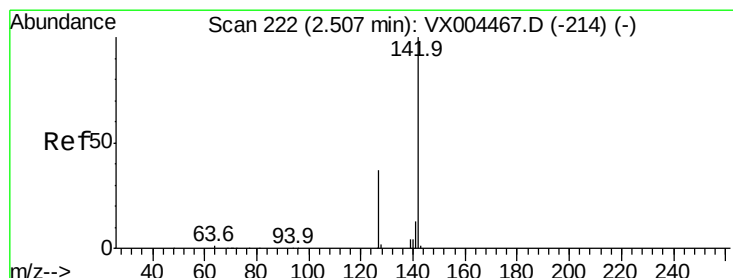
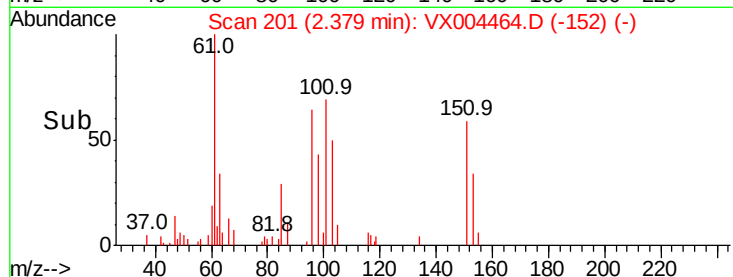
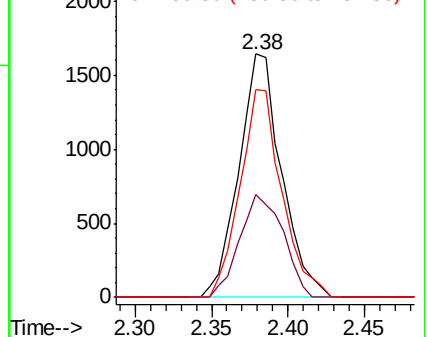
151 83.3 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.675 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

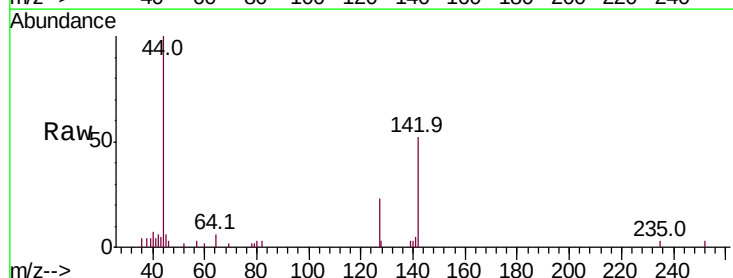
Tgt Ion:142 Resp: 2287

Ion Ratio Lower Upper

142 100

127 41.9 33.8 50.6

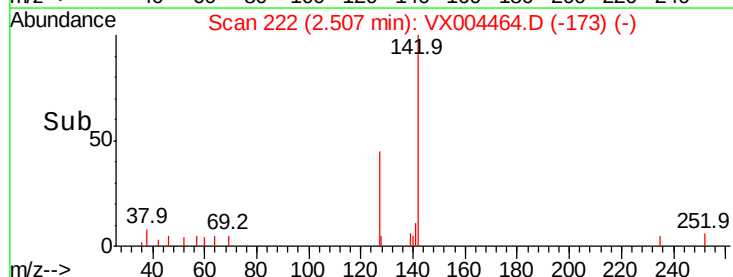
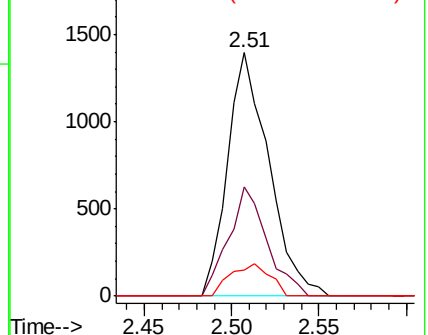
141 12.7 11.4 17.0

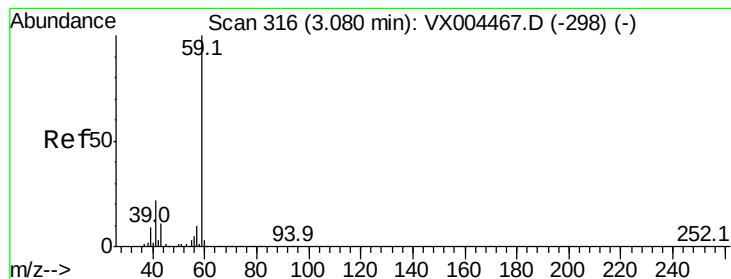


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



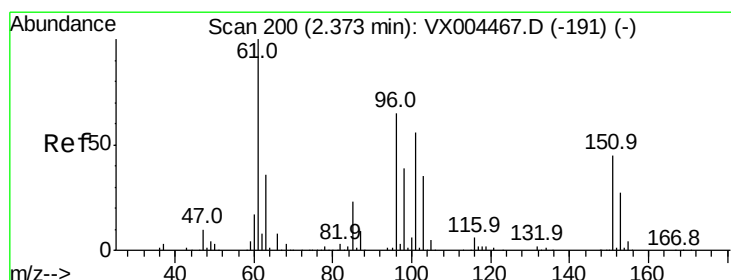
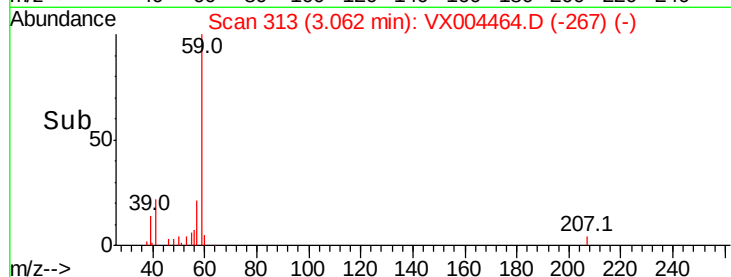
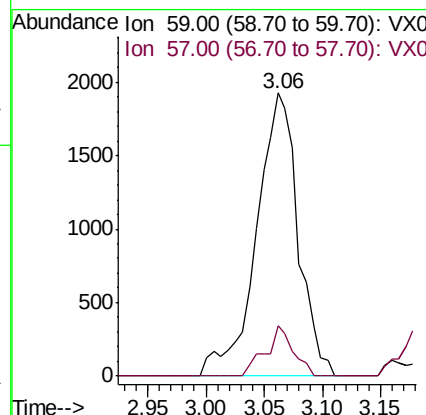
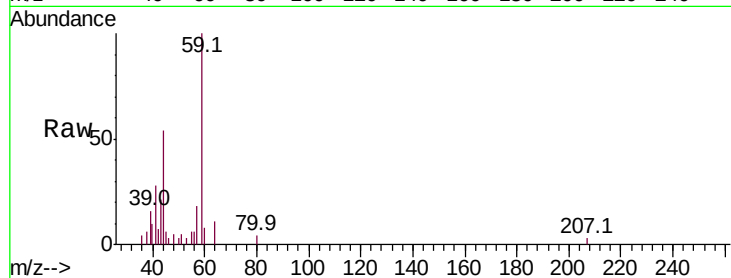


#11

Tert butyl alcohol
 Concen: 5.600 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

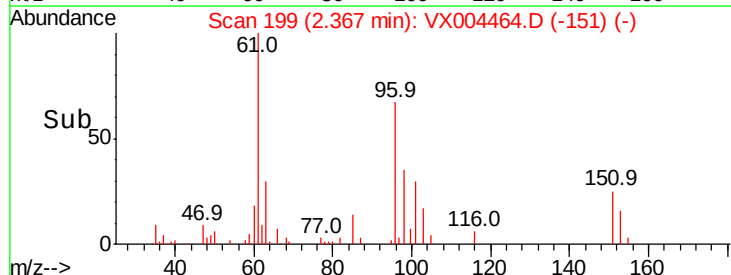
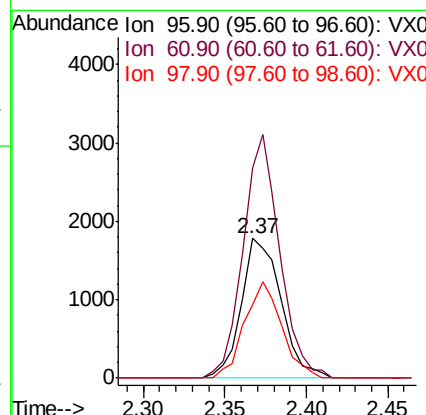
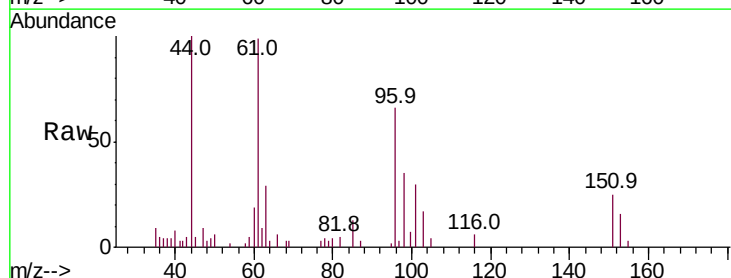
Tot Ion: 59 Resp: 4770
 Ion Ratio Lower Upper
 59 100
 57 11.9 8.2 12.4

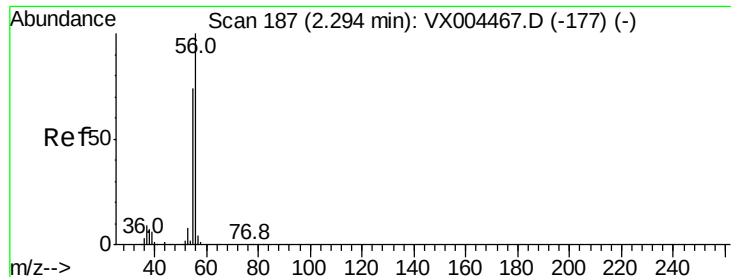


#12

1,1-Dichloroethene
 Concen: 1.043 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Tgt Ion: 96 Resp: 3017
 Ion Ratio Lower Upper
 96 100
 61 150.3 128.8 193.2
 98 53.0 52.2 78.2





#13

Acrolein

Concen: 6.272 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

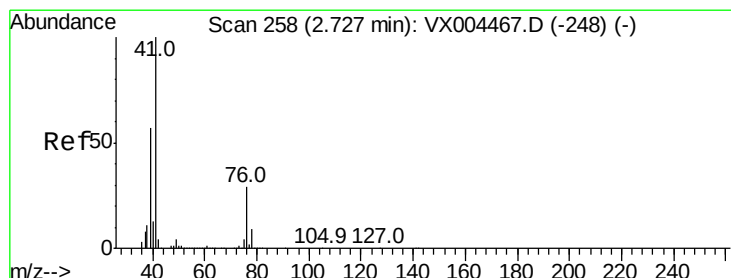
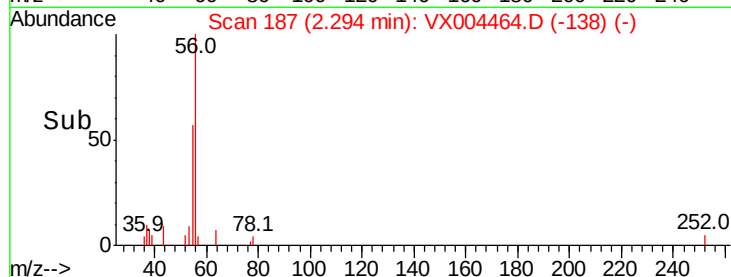
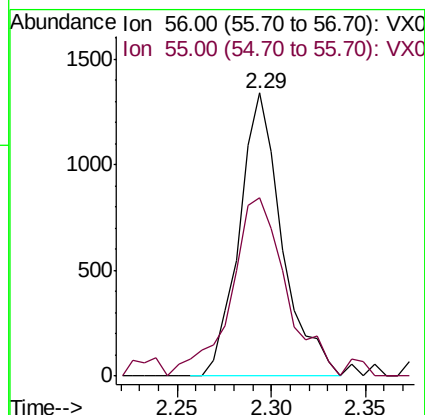
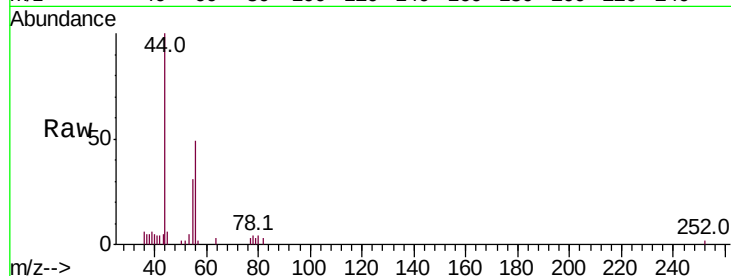
VSTDIC001

Tot Ion: 56 Resp: 2109

Ion Ratio Lower Upper

56 100

55 80.8 54.7 82.1



#14

Allyl chloride

Concen: 1.036 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

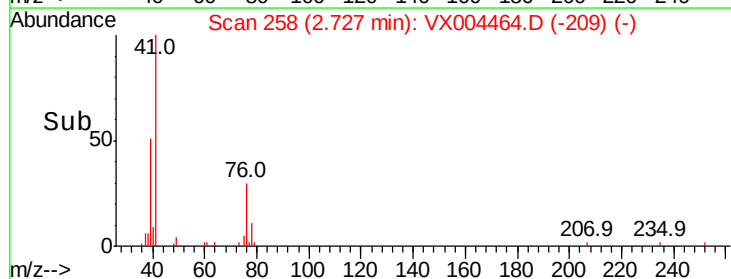
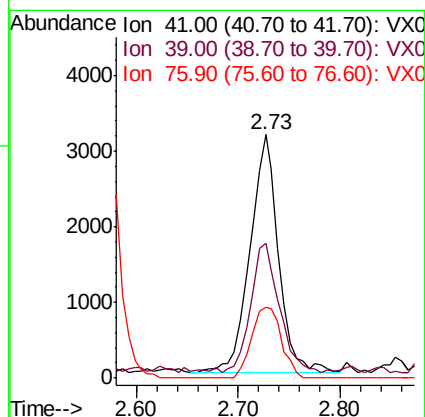
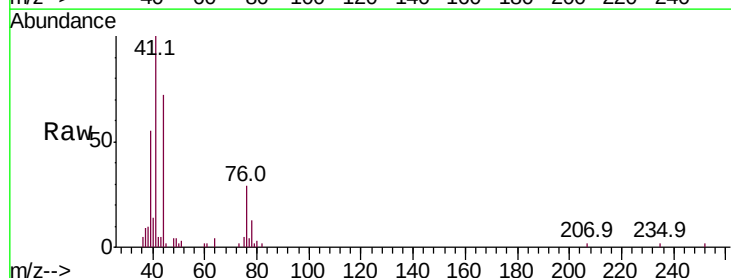
Tgt Ion: 41 Resp: 6161

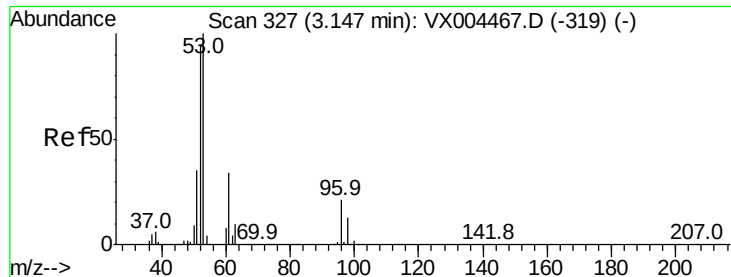
Ion Ratio Lower Upper

41 100

39 53.7 48.9 73.3

76 30.9 26.7 40.1





#15

Acrylonitrile

Concen: 5.172 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

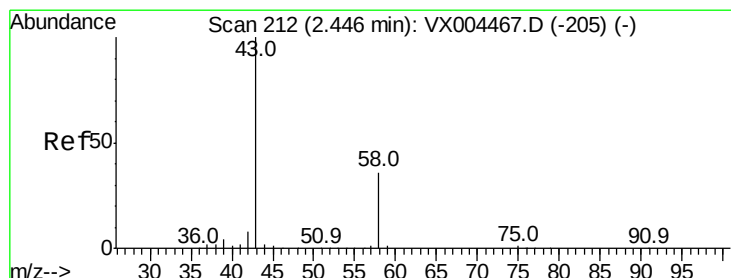
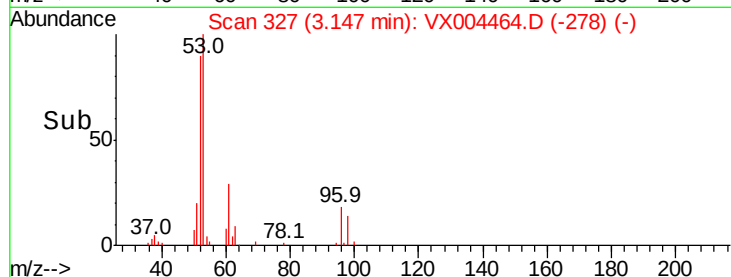
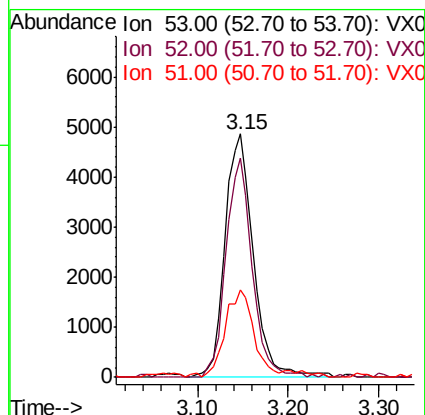
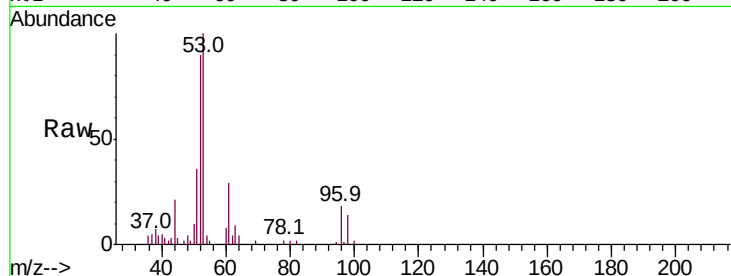
Tot Ion: 53 Resp: 10609

Ion Ratio Lower Upper

53 100

52 82.8 65.2 97.8

51 36.0 28.2 42.2



#16

Acetone

Concen: 6.004 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004464.D

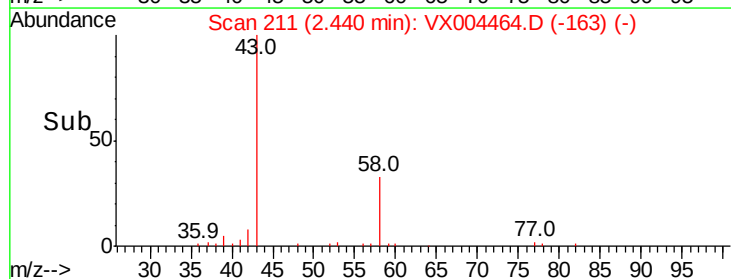
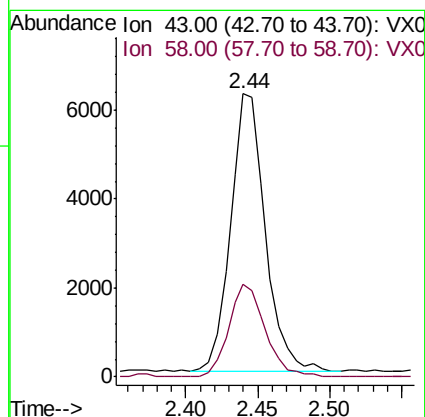
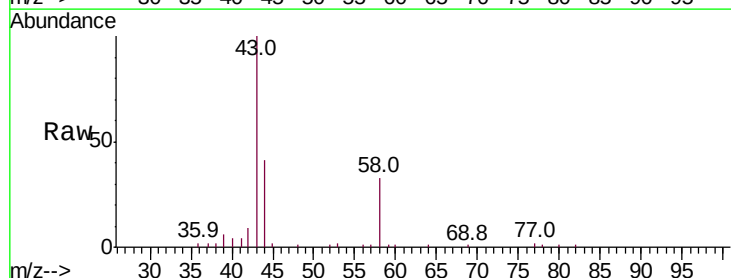
Acq: 11 Sep 2018 12:34

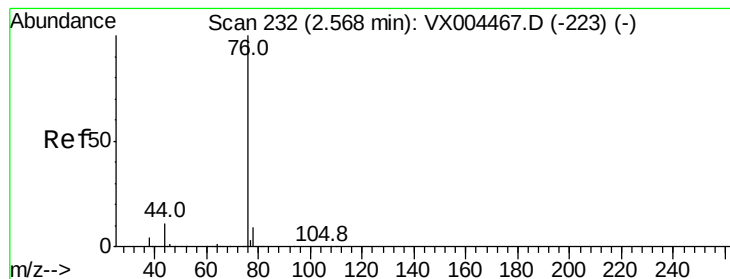
Tgt Ion: 43 Resp: 10460

Ion Ratio Lower Upper

43 100

58 33.2 26.2 39.4





#17

Carbon Disulfide

Concen: 0.956 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

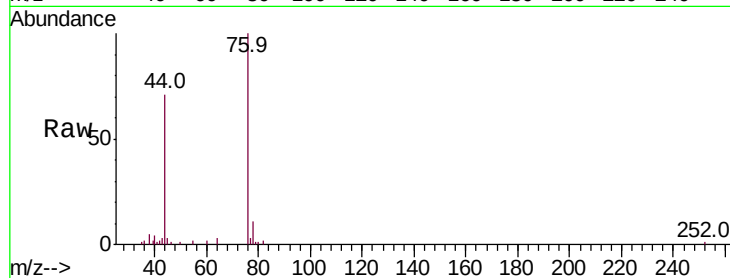
VSTDIC001

Tot Ion: 76 Resp: 7993

Ion Ratio Lower Upper

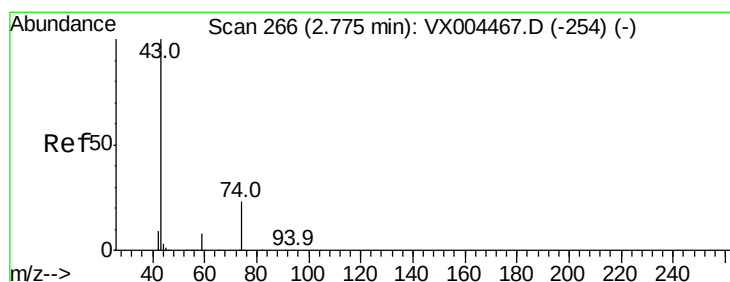
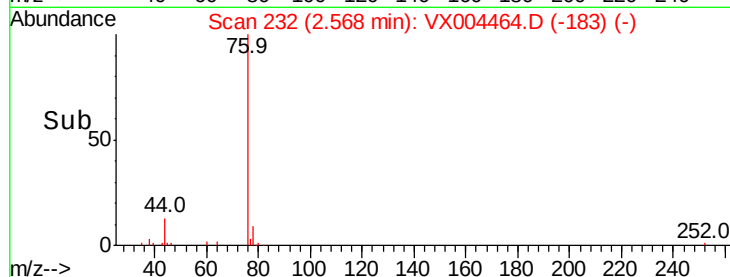
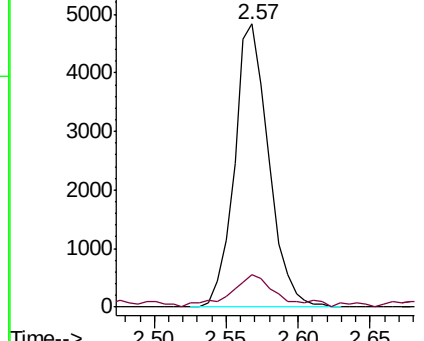
76 100

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



#18

Methyl Acetate

Concen: 1.153 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004464.D

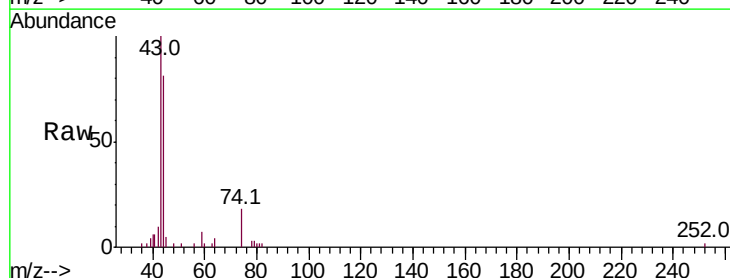
Acq: 11 Sep 2018 12:34

Tgt Ion: 43 Resp: 5637

Ion Ratio Lower Upper

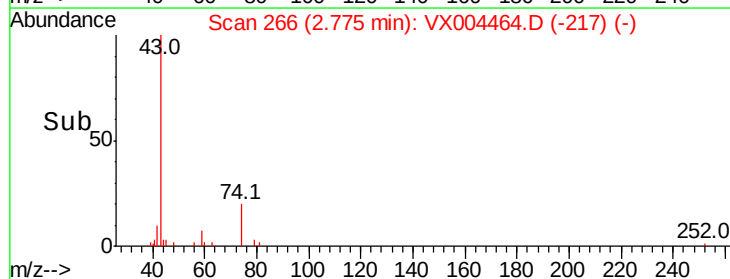
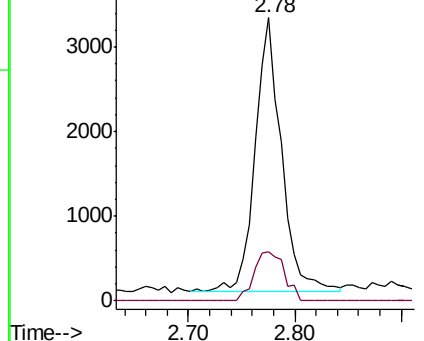
43 100

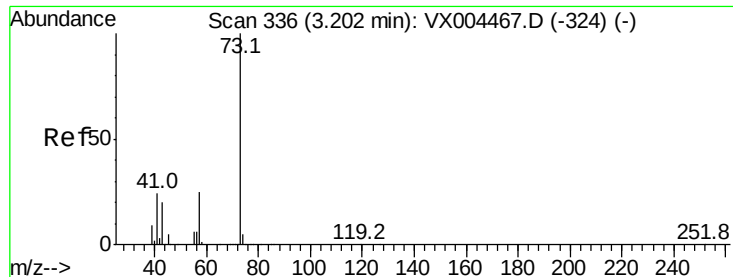
74 20.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



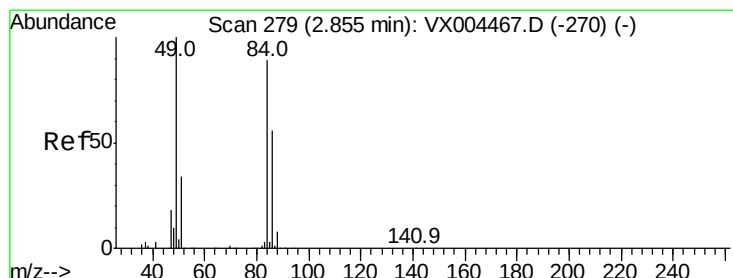
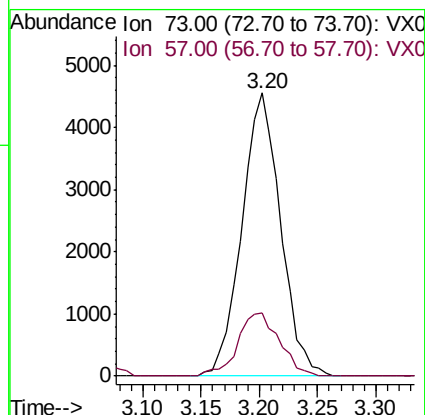
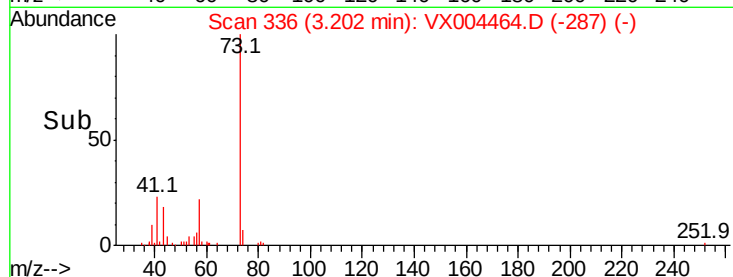
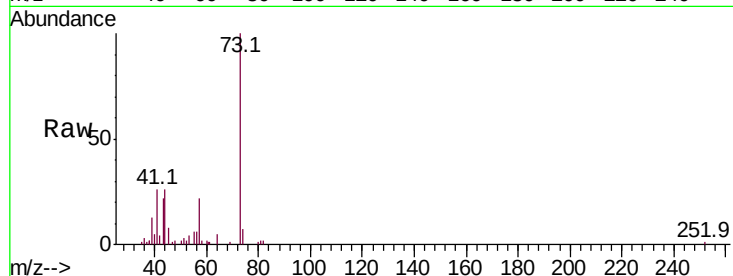


#19

Methyl tert-butyl Ether
 Concen: 1.042 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

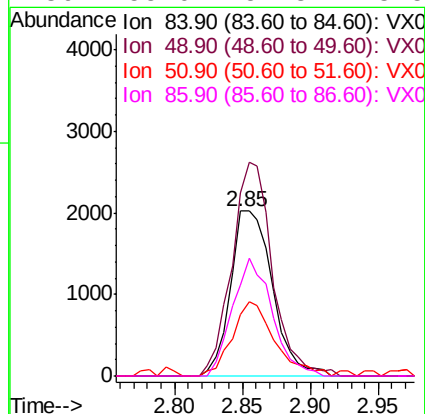
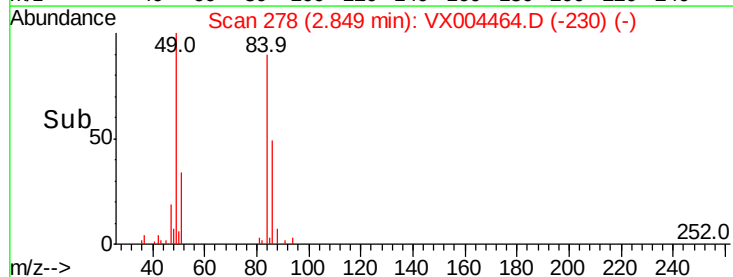
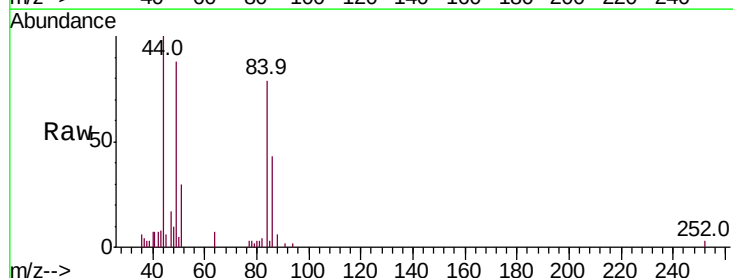
Tot Ion: 73 Resp: 10581
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.1 25.7

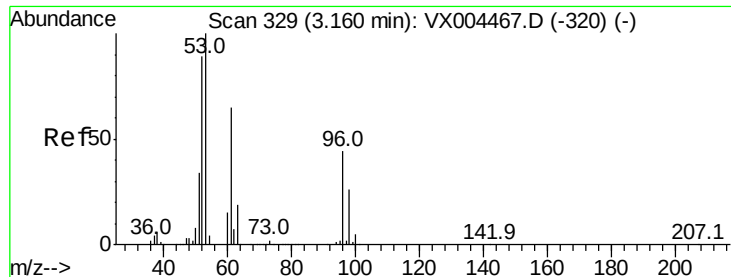


#20

Methylene Chloride
 Concen: 1.224 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Tgt Ion: 84 Resp: 4375
 Ion Ratio Lower Upper
 84 100
 49 111.4 101.2 151.8
 51 37.4 29.5 44.3
 86 55.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 1.036 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

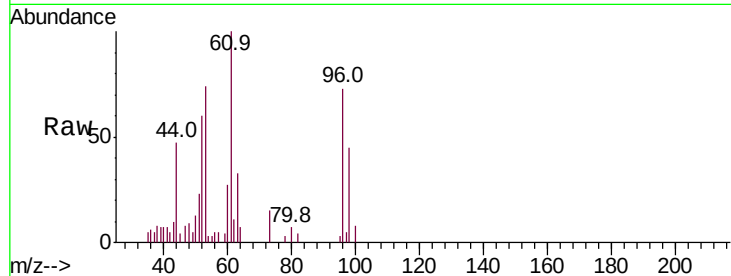
Tot Ion: 96 Resp: 3313

Ion Ratio Lower Upper

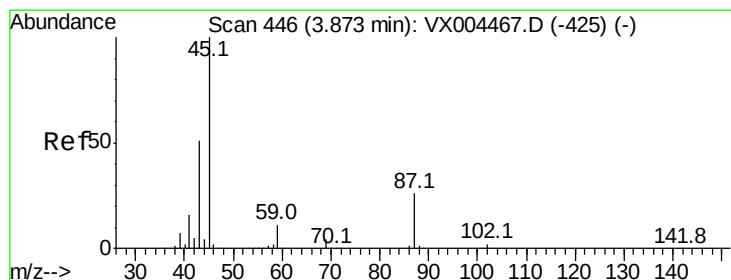
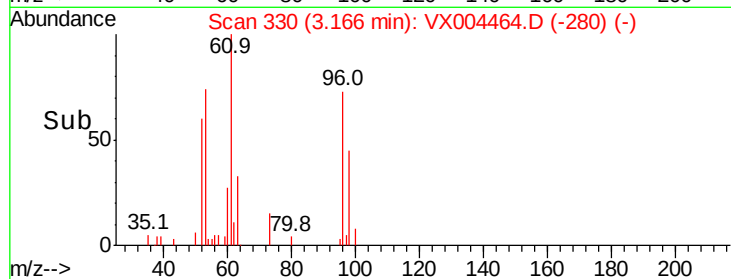
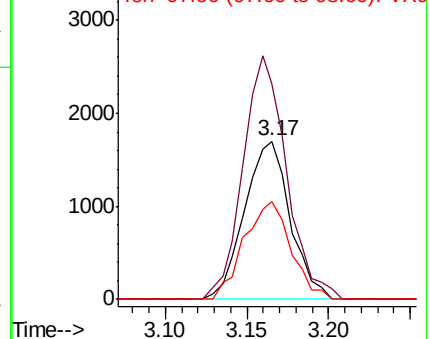
96 100

61 136.2 113.8 170.6

98 61.7 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: 1.033 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Tgt Ion: 45 Resp: 11063

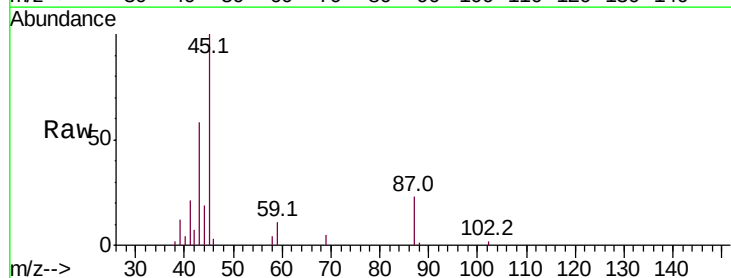
Ion Ratio Lower Upper

45 100

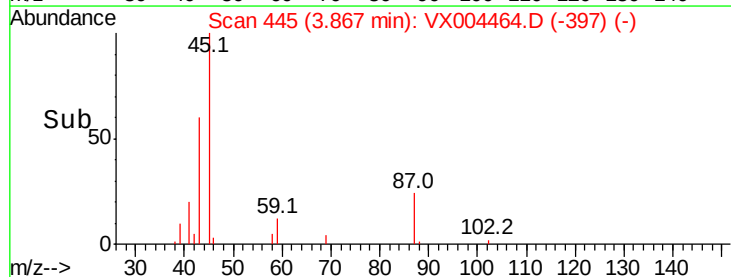
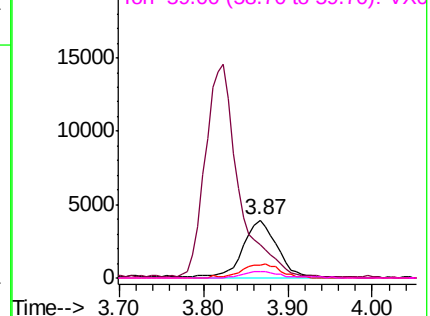
43 56.3 42.8 64.2

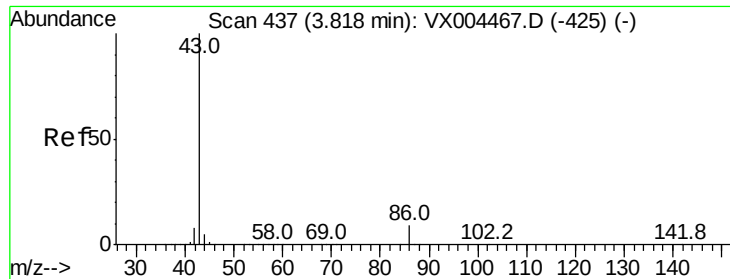
87 23.3 22.6 34.0

59 11.3 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: 4.602 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

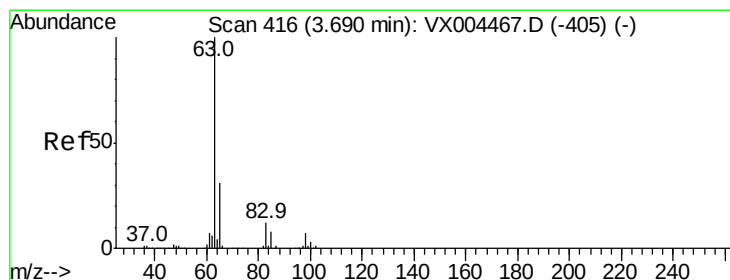
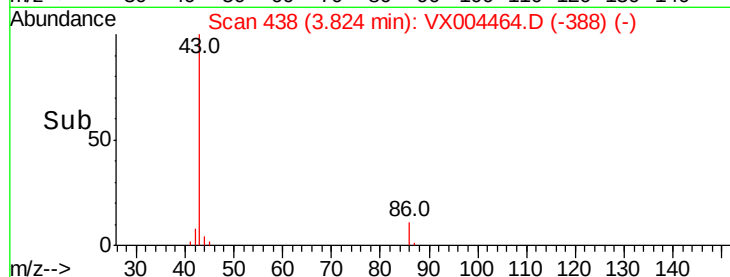
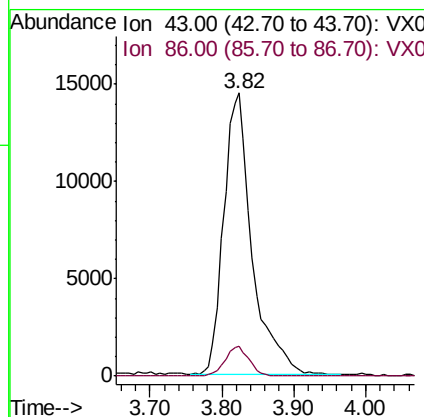
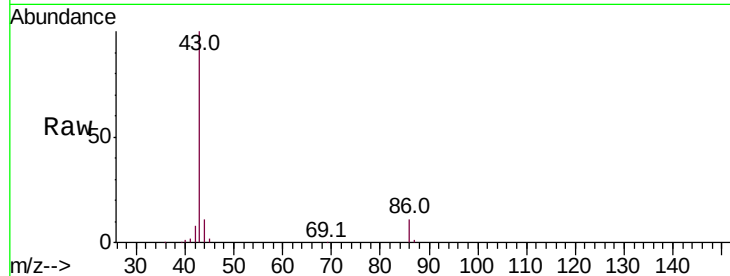
VSTDIC001

Tot Ion: 43 Resp: 39892

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 1.053 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

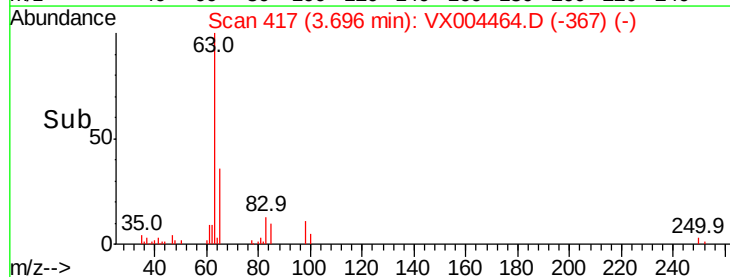
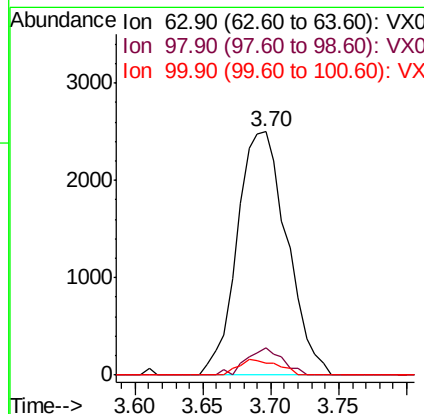
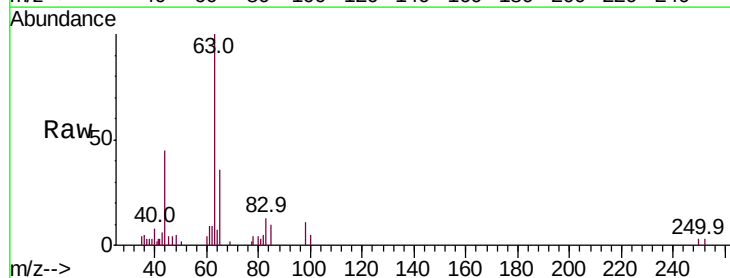
Tgt Ion: 63 Resp: 6366

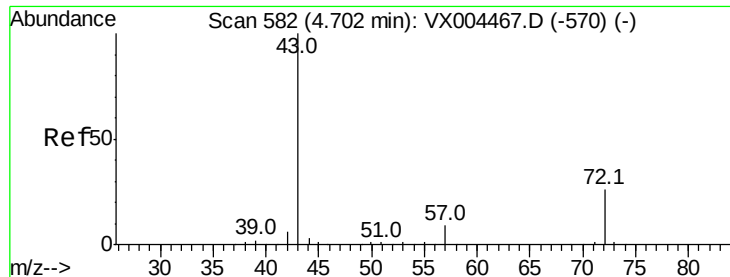
Ion Ratio Lower Upper

63 100

98 11.4 3.5 10.4#

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 5.491 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

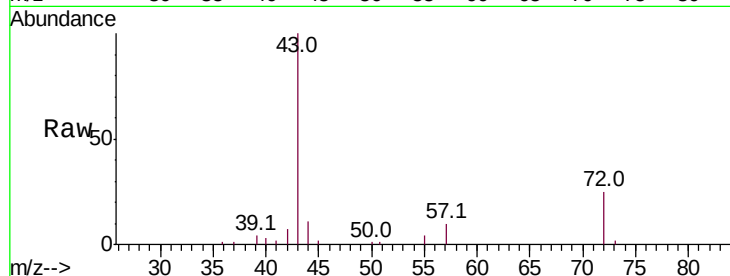
VSTDIC001

Tot Ion: 43 Resp: 15226

Ion Ratio Lower Upper

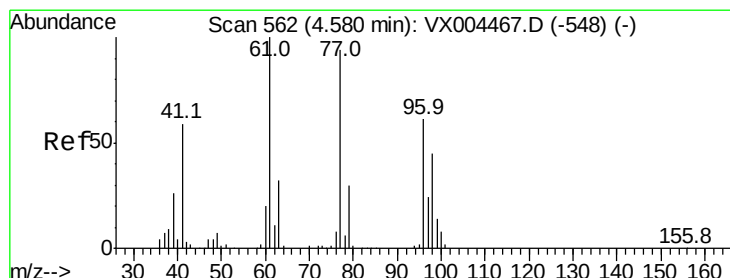
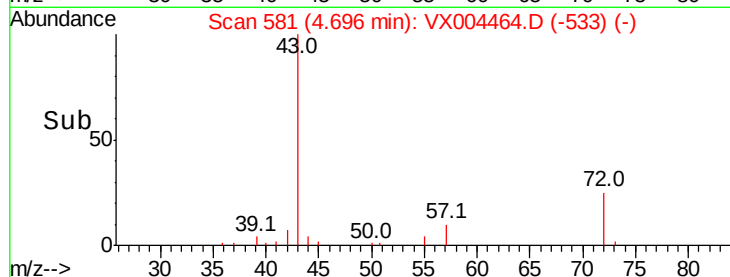
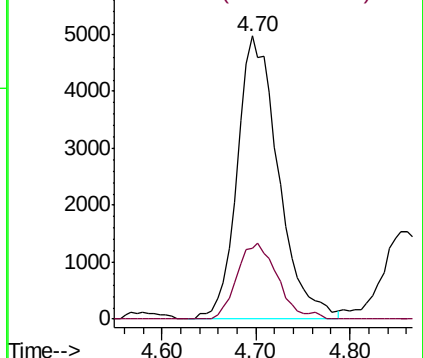
43 100

72 25.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.081 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004464.D

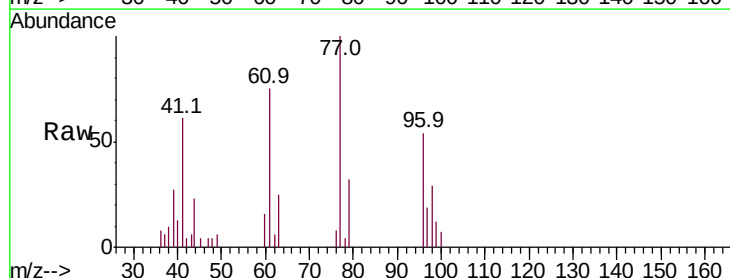
Acq: 11 Sep 2018 12:34

Tgt Ion: 77 Resp: 4489

Ion Ratio Lower Upper

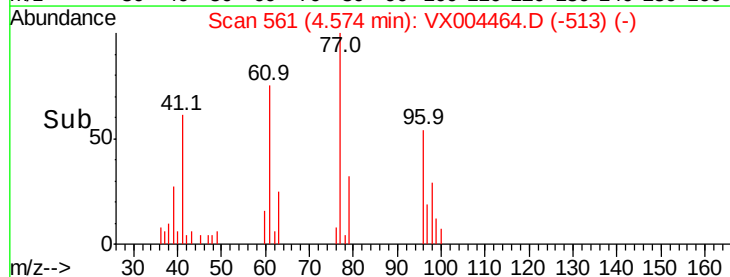
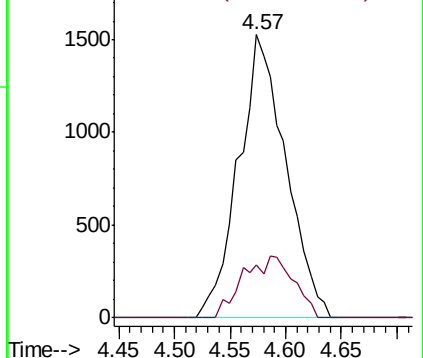
77 100

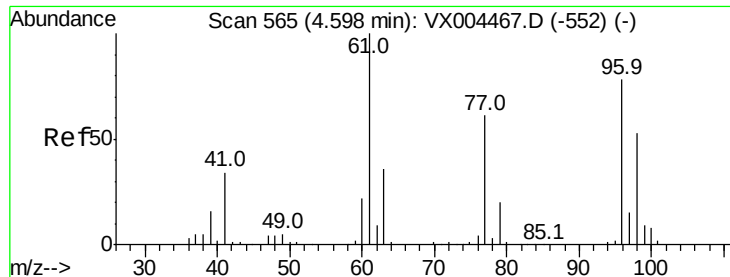
97 23.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



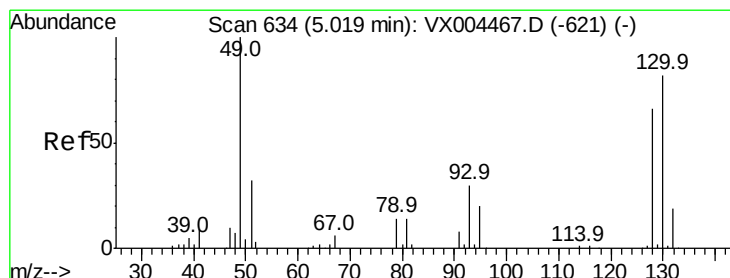
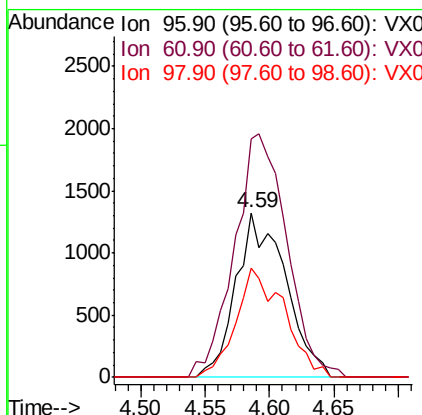
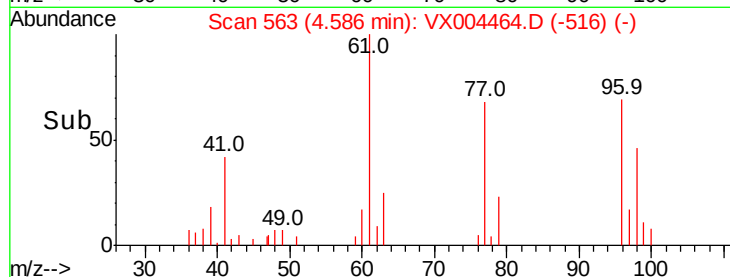
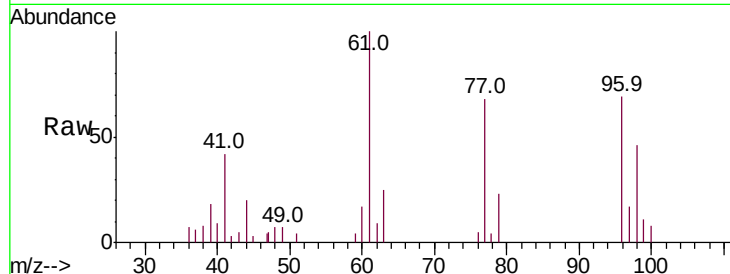


#27

cis-1,2-Dichloroethene
Concen: 0.988 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

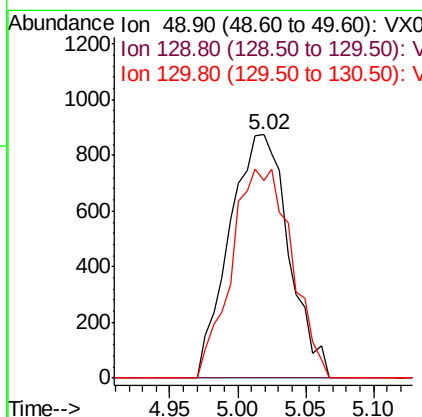
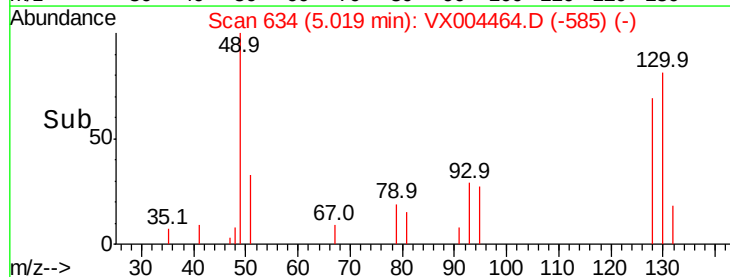
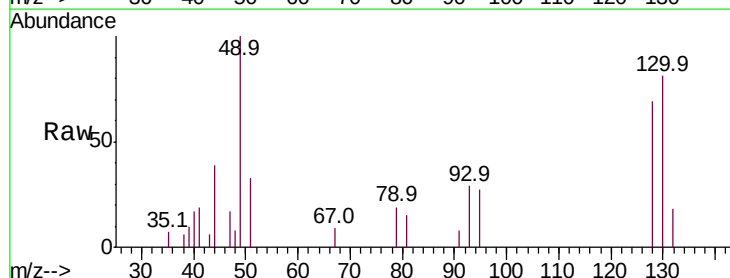
Tot Ion: 96 Resp: 3525
Ion Ratio Lower Upper
96 100
61 156.7 0.0 282.6
98 65.1 0.0 130.2

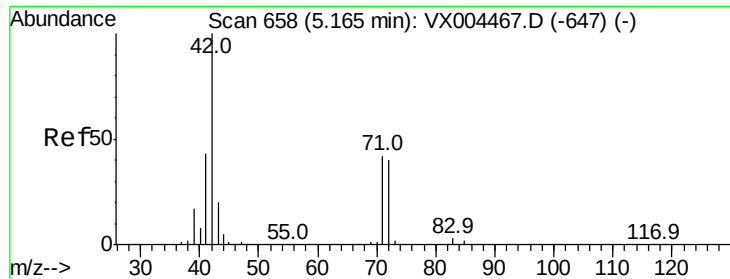


#28

Bromochloromethane
Concen: 0.961 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Tgt Ion: 49 Resp: 2659
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 87.1 67.5 101.3





#29

Tetrahydrofuran

Concen: 5.029 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

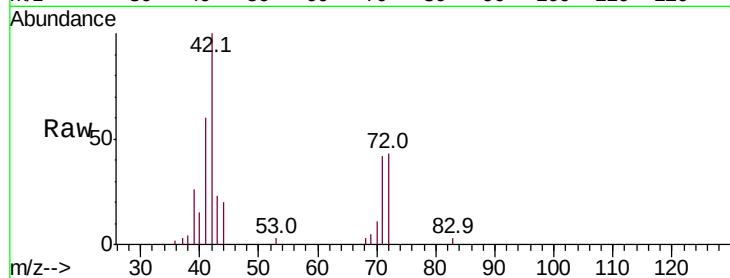
Tot Ion: 42 Resp: 8410

Ion Ratio Lower Upper

42 100

72 39.5 37.4 56.0

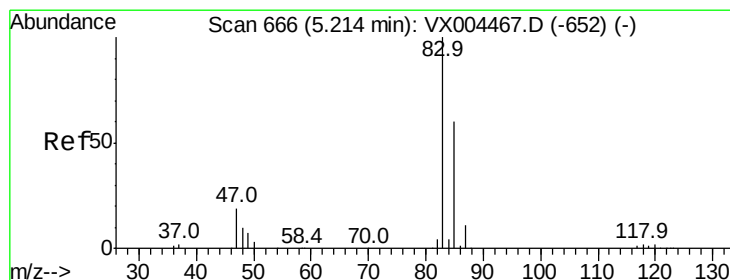
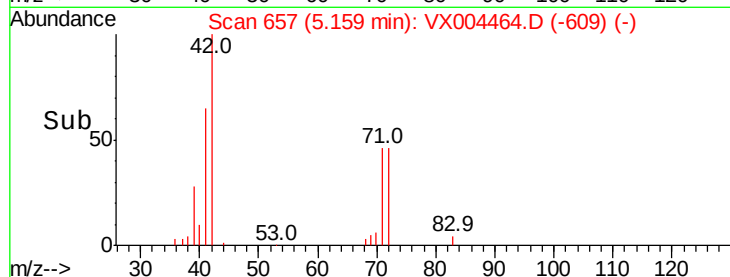
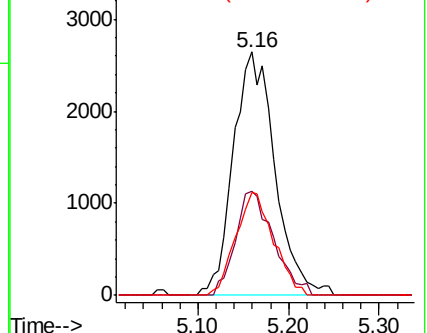
71 38.4 34.5 51.7



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: 1.041 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004464.D

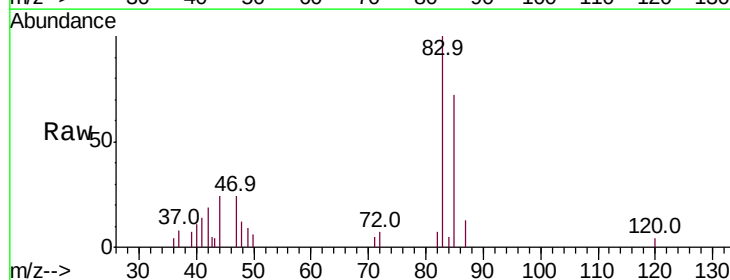
Acq: 11 Sep 2018 12:34

Tgt Ion: 83 Resp: 6145

Ion Ratio Lower Upper

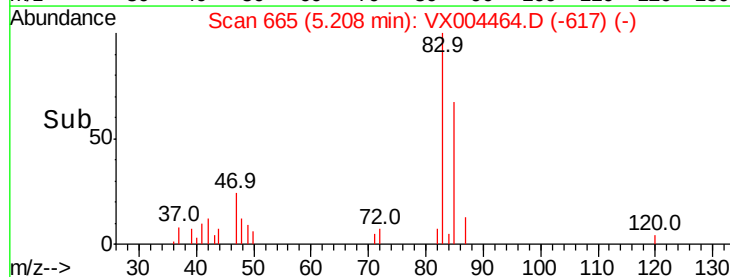
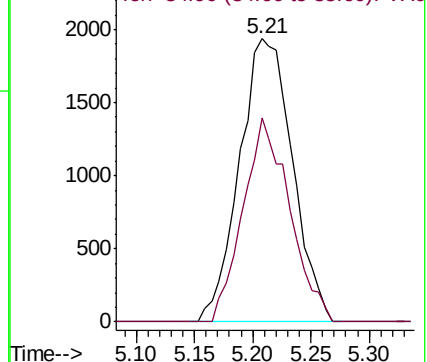
83 100

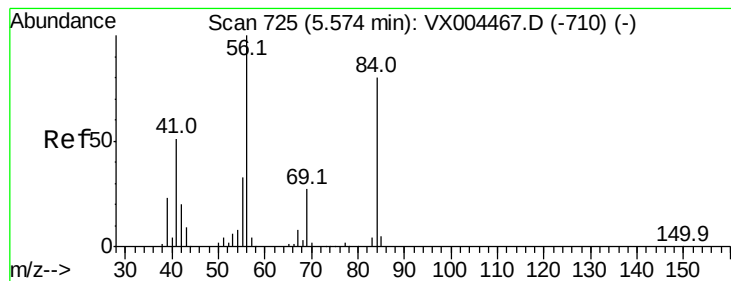
85 72.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.849 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

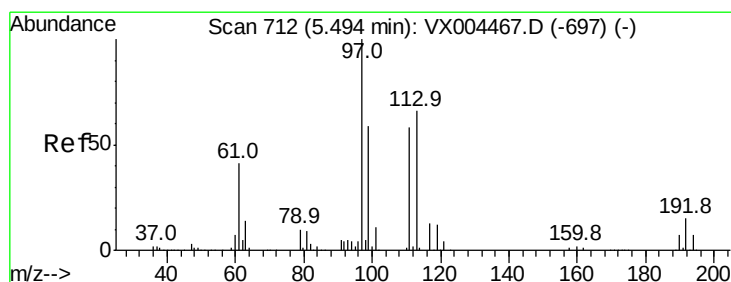
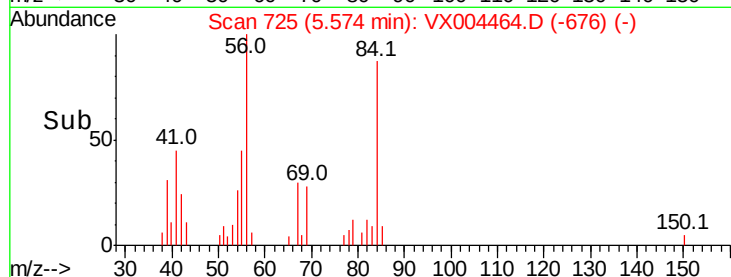
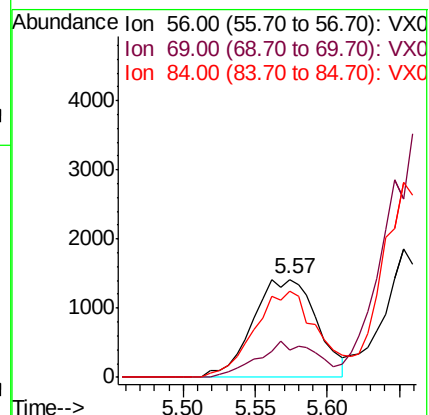
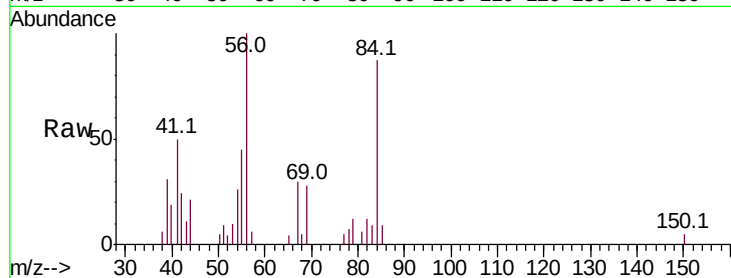
Tot Ion: 56 Resp: 4383

Ion Ratio Lower Upper

56 100

69 28.4 25.4 38.2

84 87.1 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 0.980 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

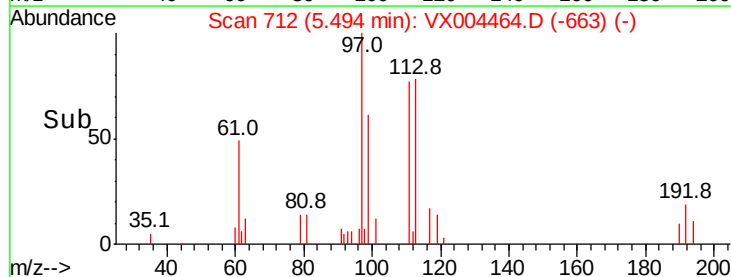
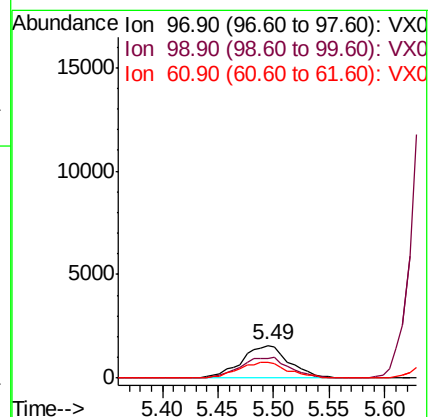
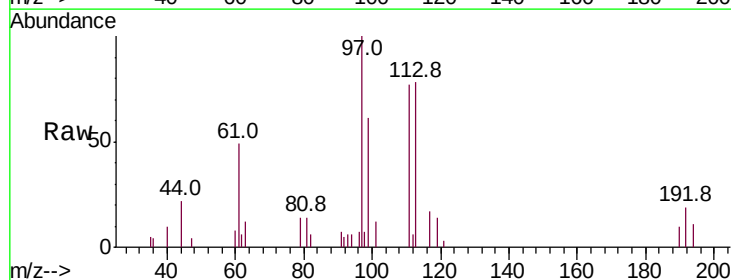
Tgt Ion: 97 Resp: 4658

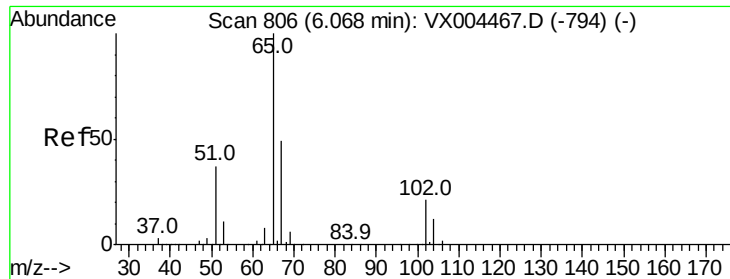
Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

61 49.4 34.9 52.3

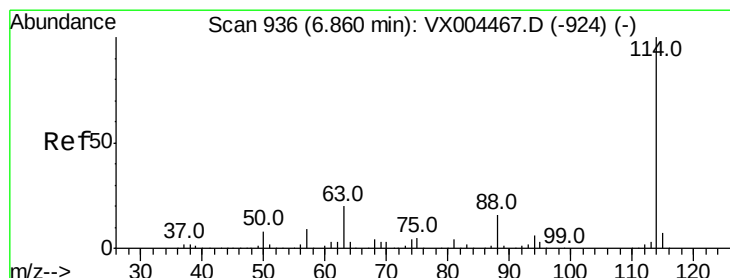
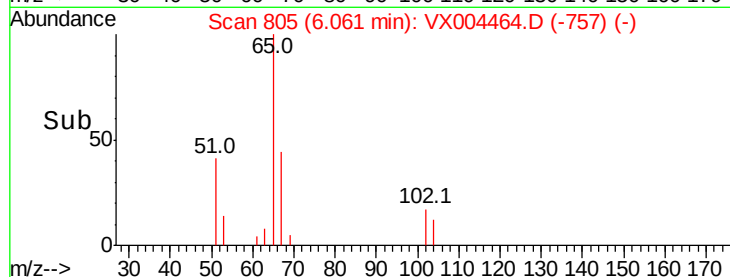
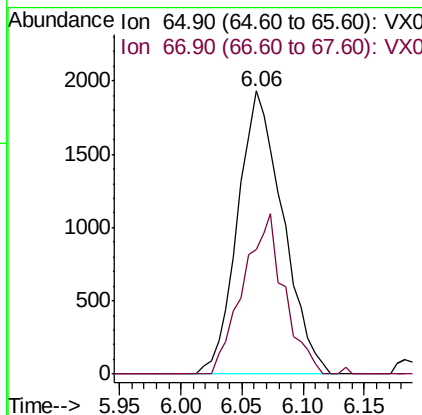
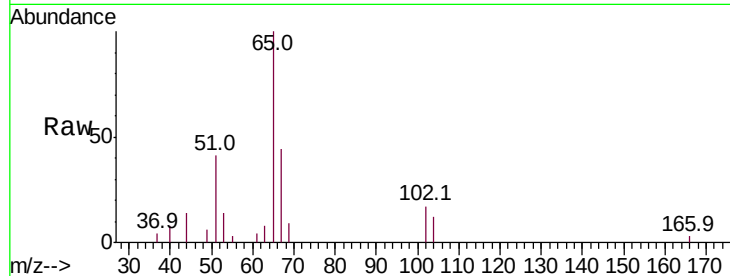




#33
 1,2-Dichloroethane-d4
 Concen: 1.388 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

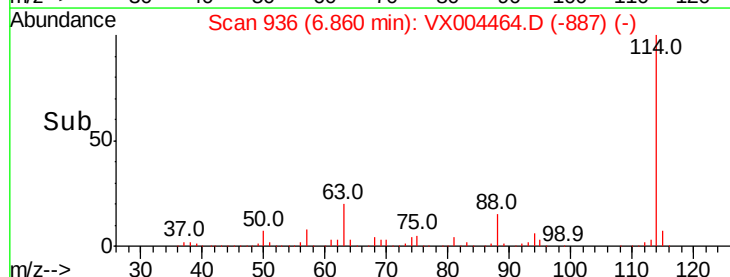
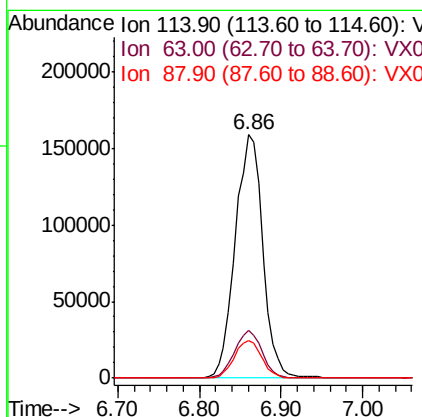
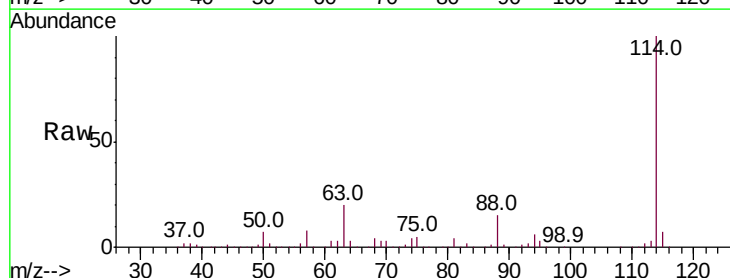
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

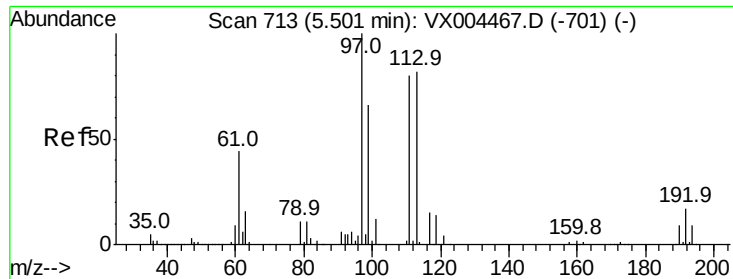
Tot Ion: 65 Resp: 4954
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Tgt Ion:114 Resp: 370112
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 1.087 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

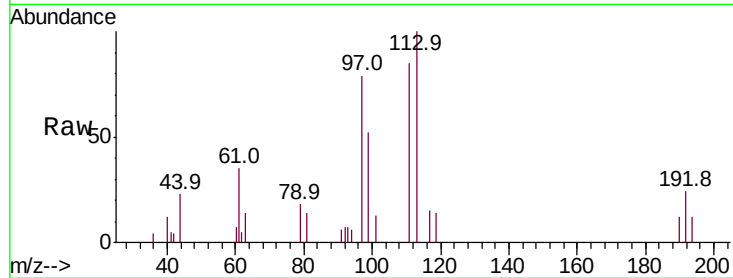
Tot Ion:113 Resp: 3681

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

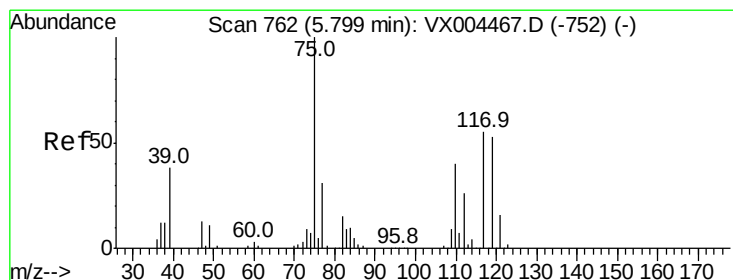
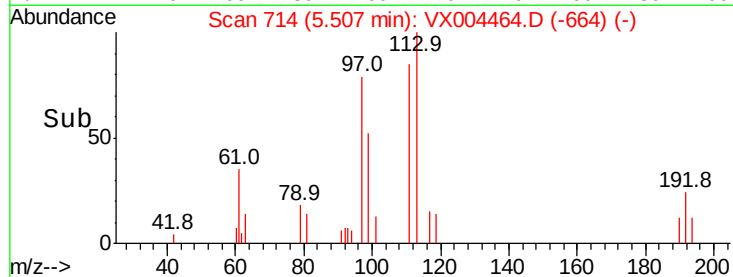
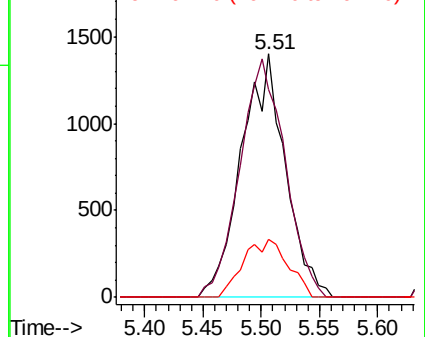
192 24.2 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.018 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

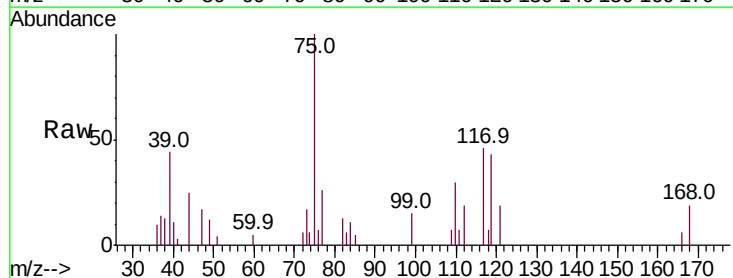
Tgt Ion: 75 Resp: 4573

Ion Ratio Lower Upper

75 100

110 33.2 18.0 54.0

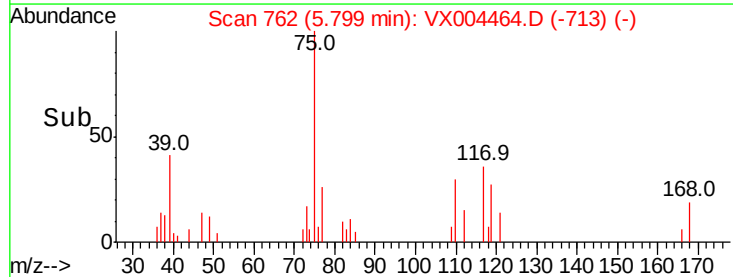
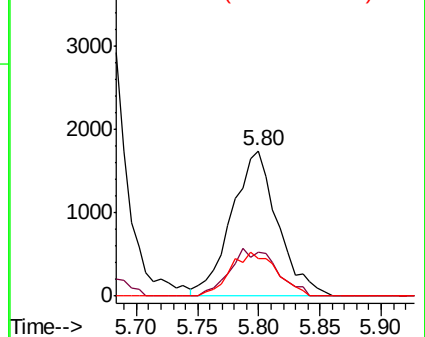
77 30.4 24.6 36.8

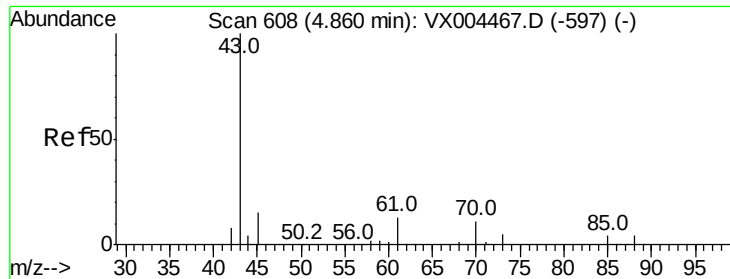


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

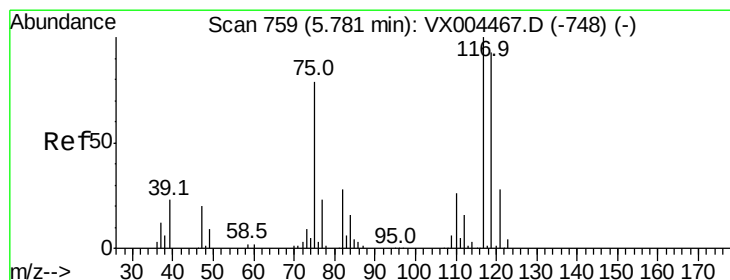
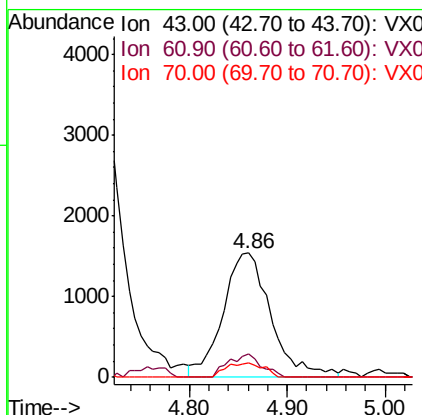
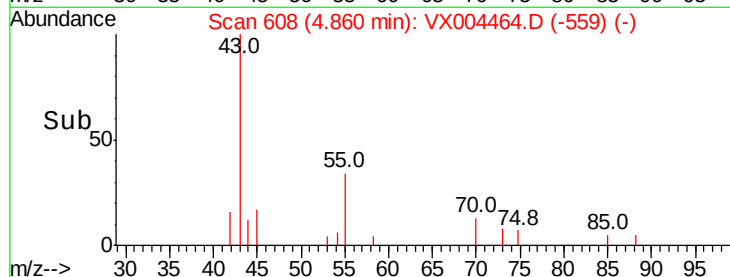
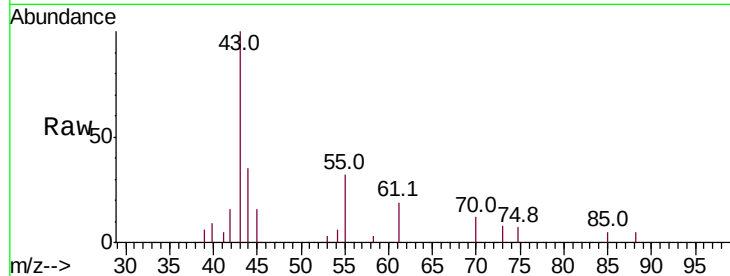




#37
Ethyl Acetate
Concen: 1.025 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

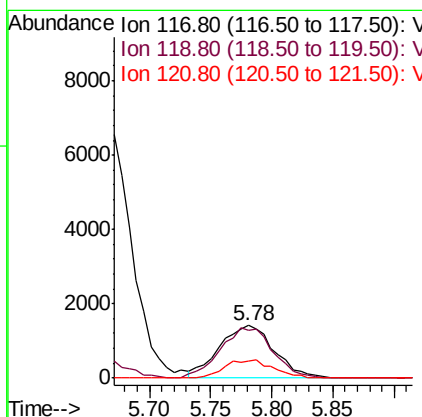
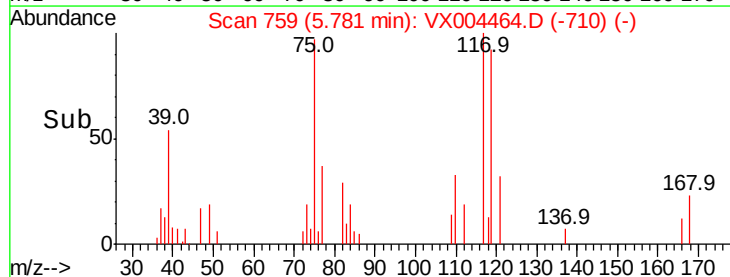
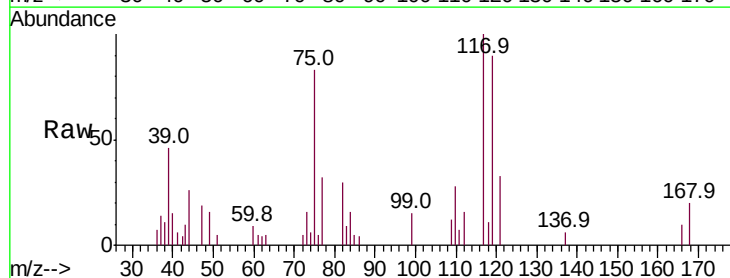
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

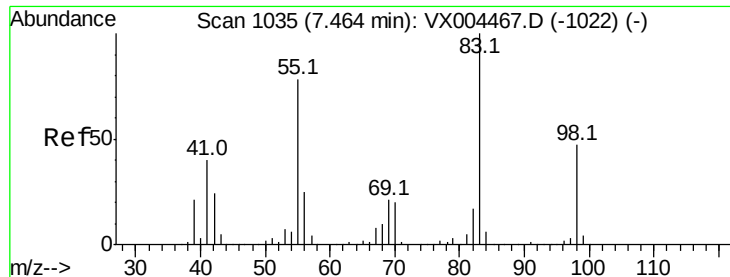
Tot Ion: 43 Resp: 5237
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 9.0 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 1.009 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Tgt Ion: 117 Resp: 4427
Ion Ratio Lower Upper
117 100
119 89.7 78.8 118.2
121 33.2 24.9 37.3

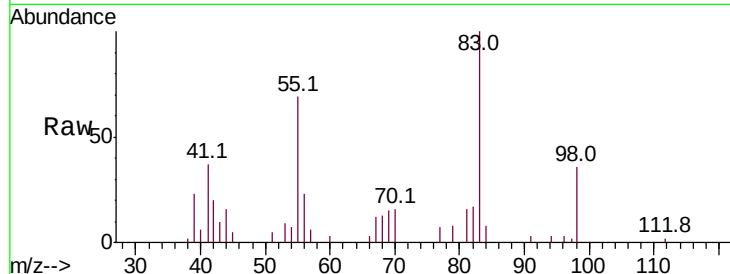




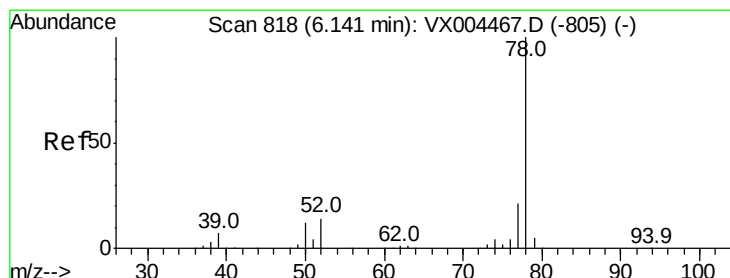
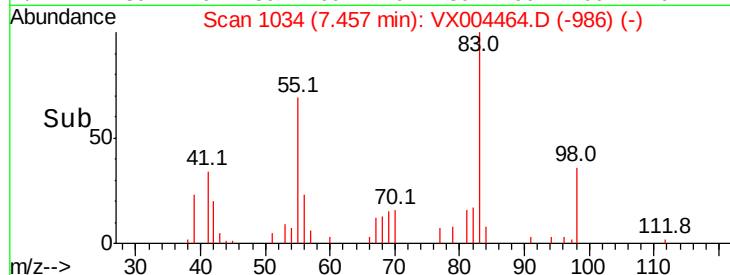
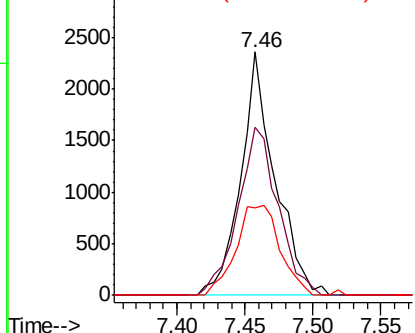
#39
Methylvlcyclohexane
Concen: 0.885 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 4150
Ion Ratio Lower Upper
83 100
55 69.0 61.0 91.4
98 35.7 39.6 59.4#

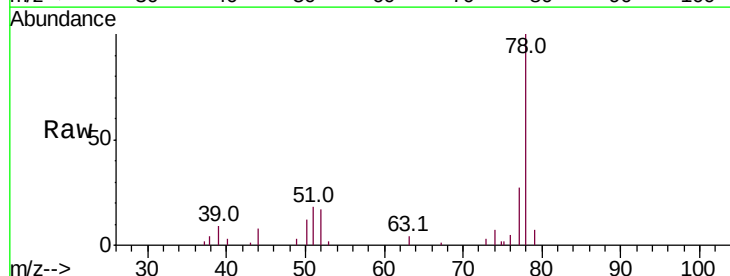


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

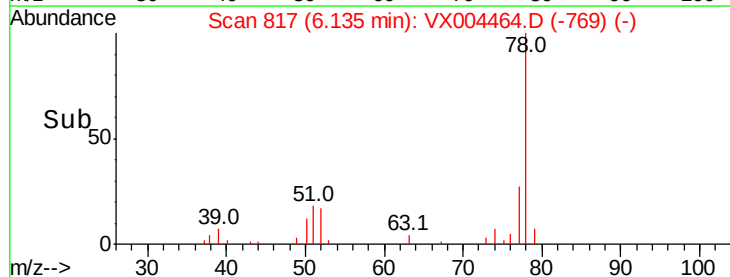
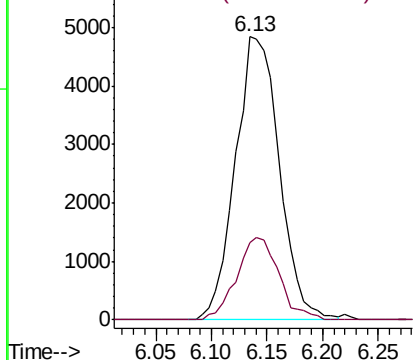


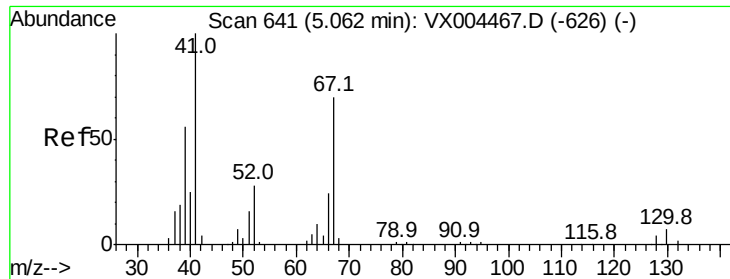
#40
Benzene
Concen: 0.999 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Tgt Ion: 78 Resp: 13313
Ion Ratio Lower Upper
78 100
77 27.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 0.967 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 2724

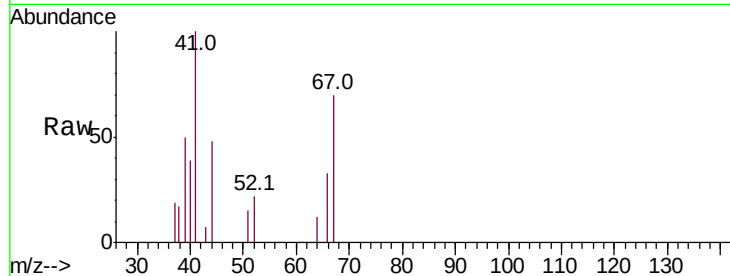
Ion Ratio Lower Upper

41 100

39 56.6 42.4 63.6

67 68.2 59.2 88.8

52 29.0 23.0 34.4

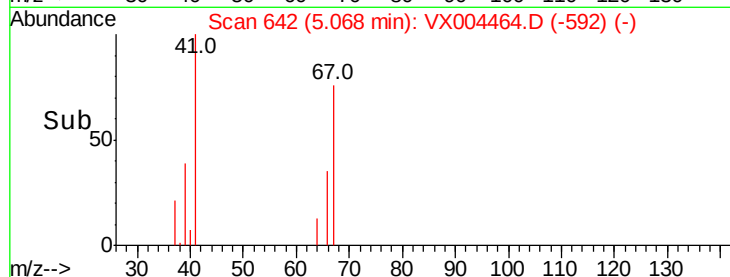


Abundance Ion 41.00 (40.70 to 41.70): VX0

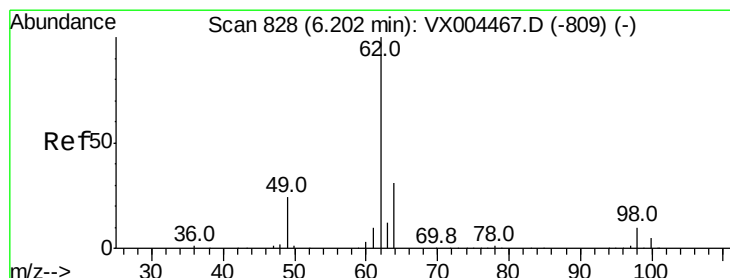
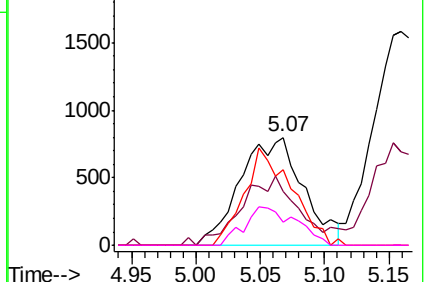
Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->



#42

1,2-Dichloroethane

Concen: 1.103 ug/l

RT: 6.20 min Scan# 828

Delta R.T. -0.00 min

Lab File: VX004464.D

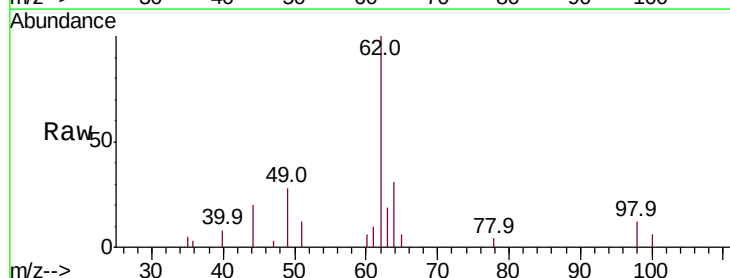
Acq: 11 Sep 2018 12:34

Tgt Ion: 62 Resp: 4877

Ion Ratio Lower Upper

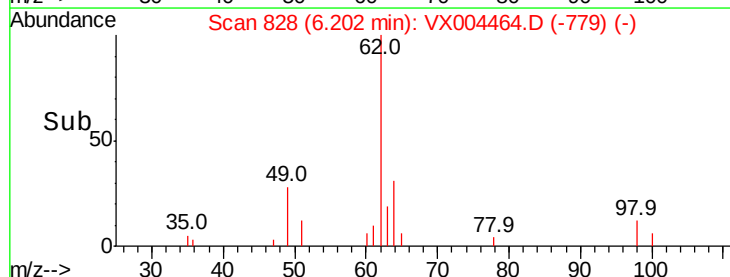
62 100

98 9.9 0.0 20.6

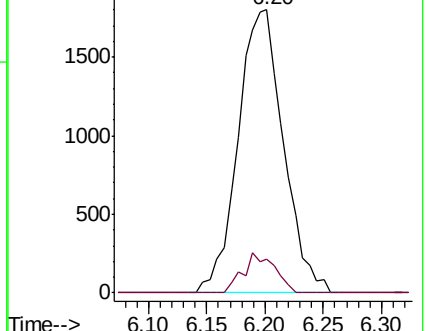


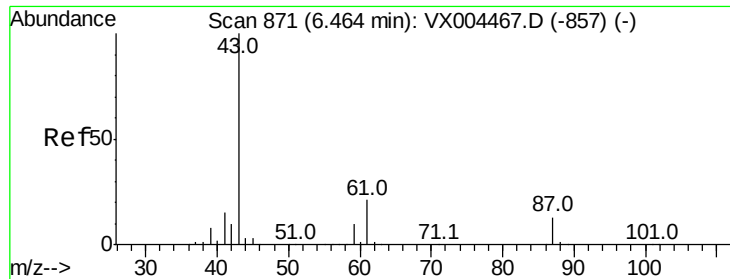
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->





#43

Isopropyl Acetate

Concen: 0.971 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

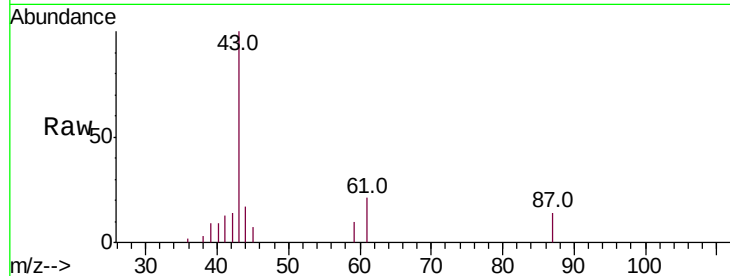
Tot Ion: 43 Resp: 6590

Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

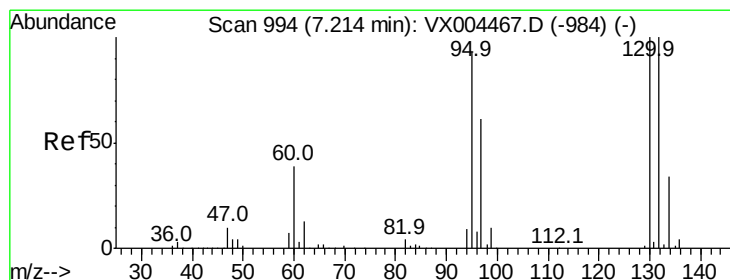
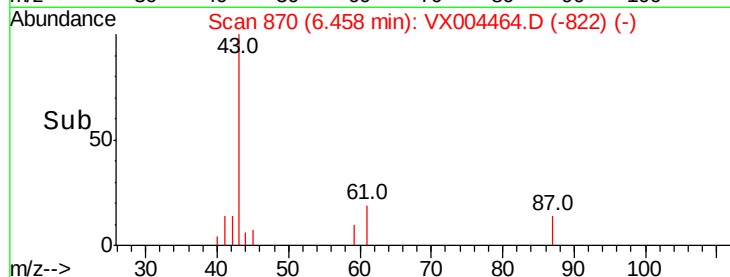
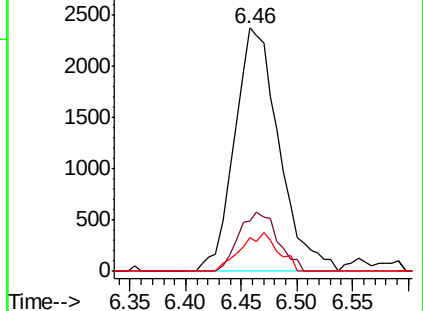
87 13.3 11.4 17.2



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: 1.006 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004464.D

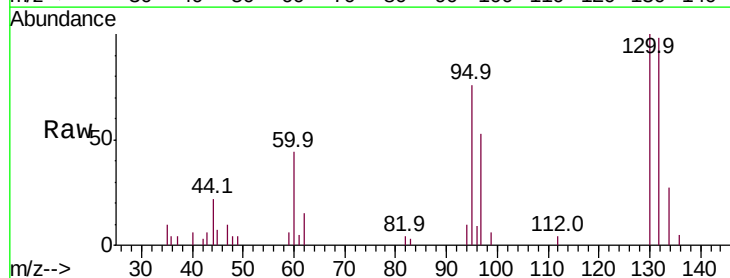
Acq: 11 Sep 2018 12:34

Tgt Ion: 130 Resp: 3484

Ion Ratio Lower Upper

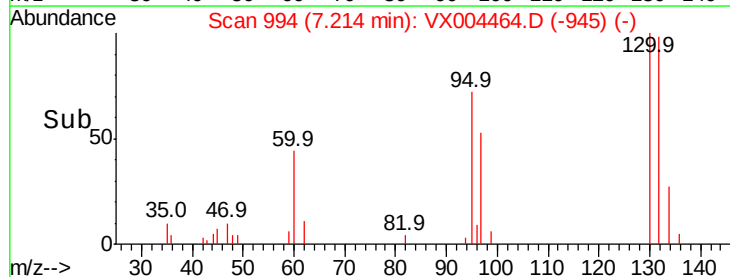
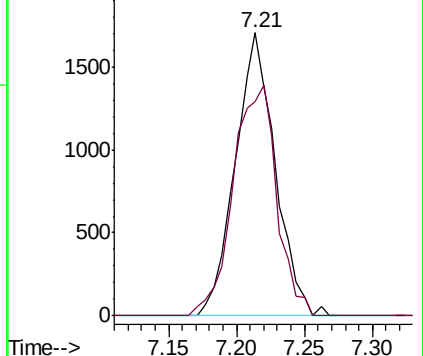
130 100

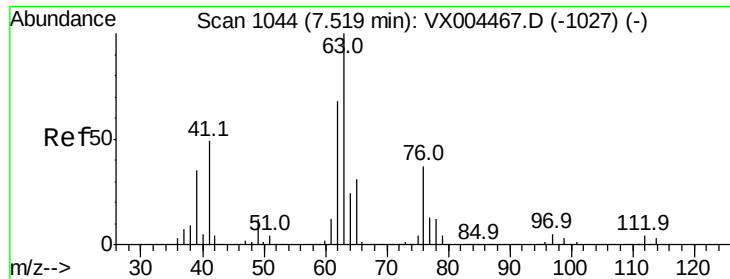
95 75.6 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

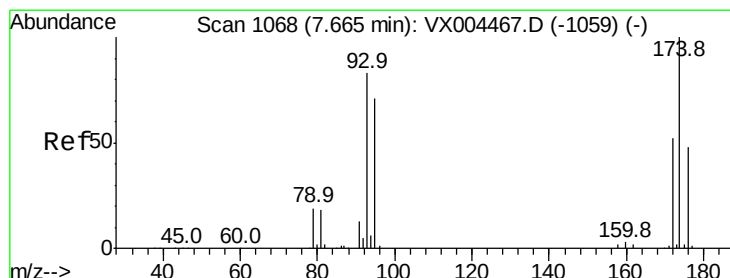
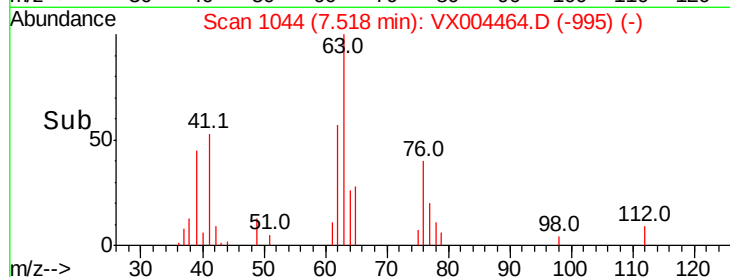
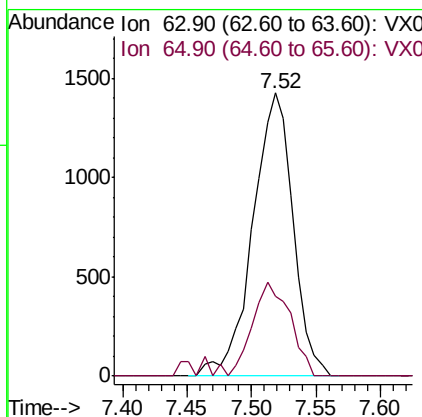
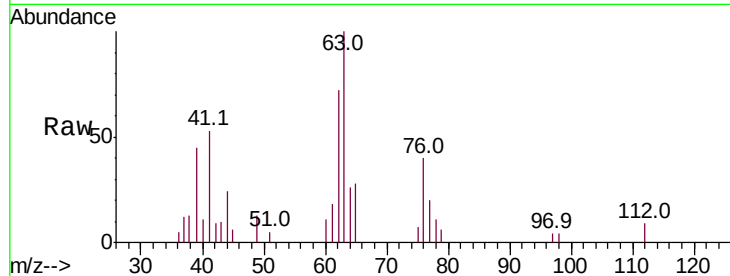




#45
 1,2-Dichloropropane
 Concen: 0.959 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

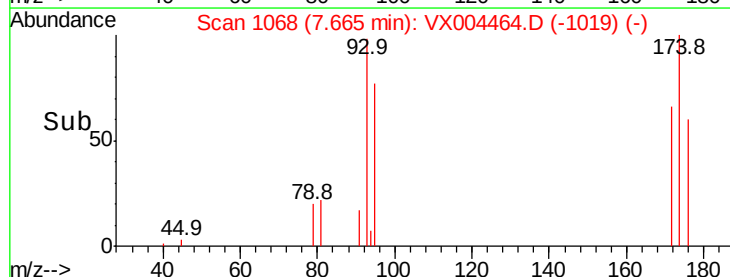
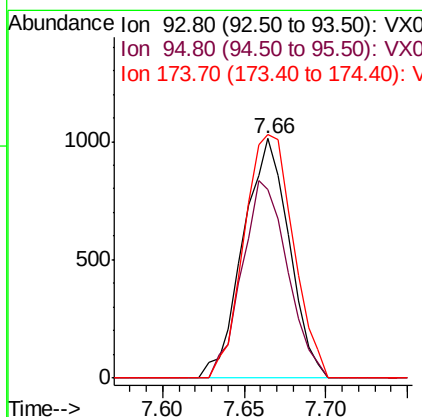
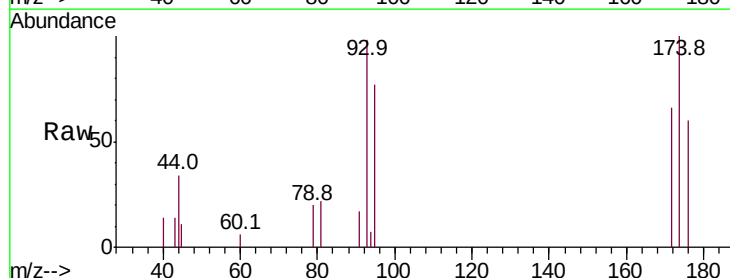
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

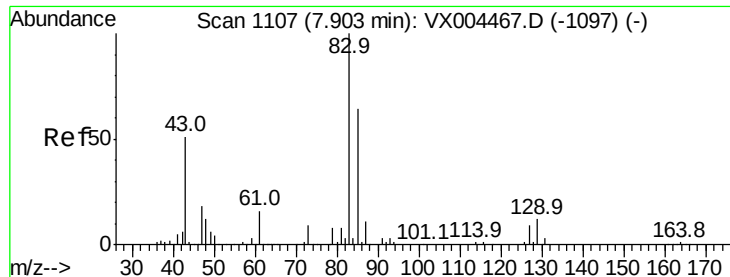
Tot Ion: 63 Resp: 3077
 Ion Ratio Lower Upper
 63 100
 65 28.2 24.3 36.5



#46
 Dibromomethane
 Concen: 0.979 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Tgt Ion: 93 Resp: 1985
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.5 98.3
 174 108.8 94.2 141.4





#47

Bromodichloromethane

Concen: 0.943 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

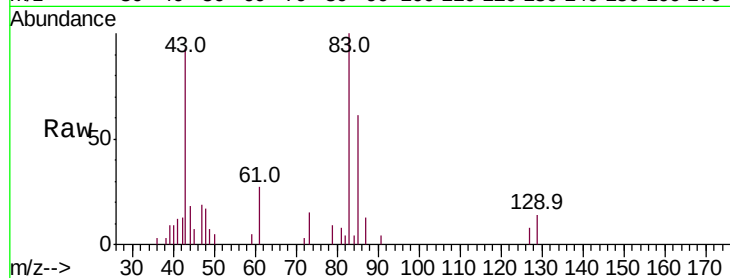
Tot Ion: 83 Resp: 3613

Ion Ratio Lower Upper

83 100

85 61.0 50.9 76.3

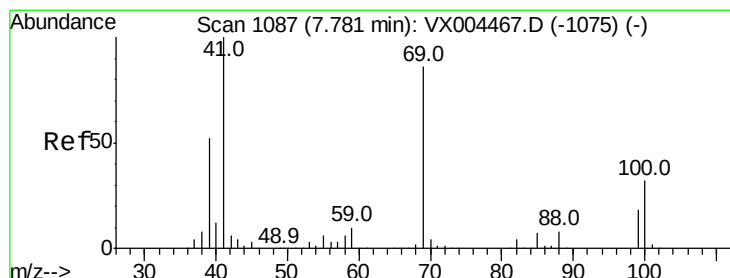
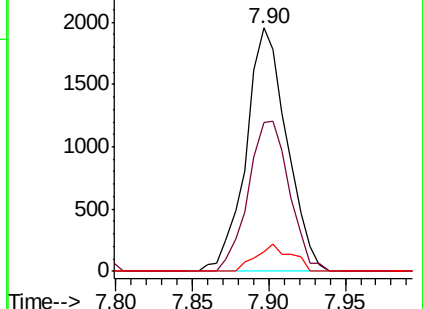
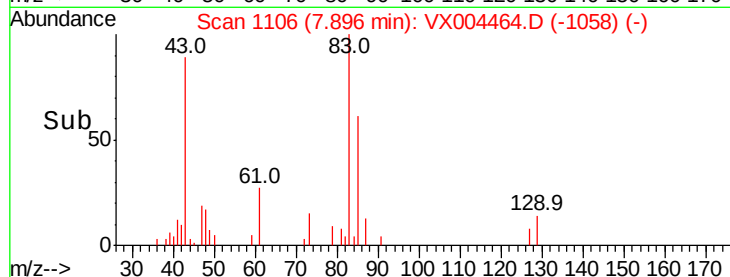
127 8.1 7.3 10.9



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: 0.830 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

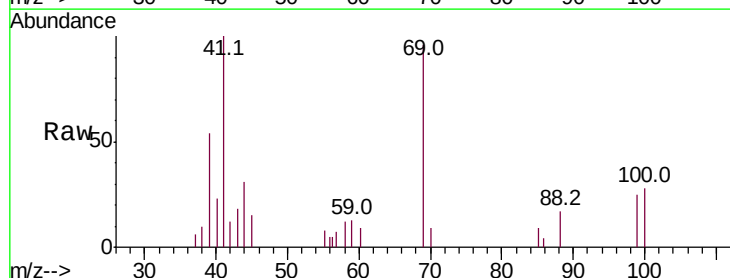
Tgt Ion: 41 Resp: 2787

Ion Ratio Lower Upper

41 100

69 78.1 70.2 105.4

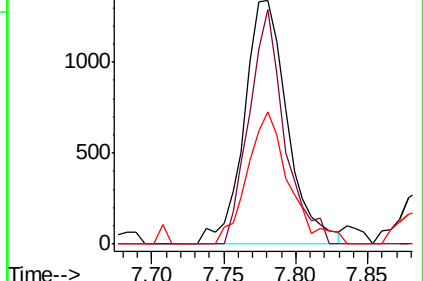
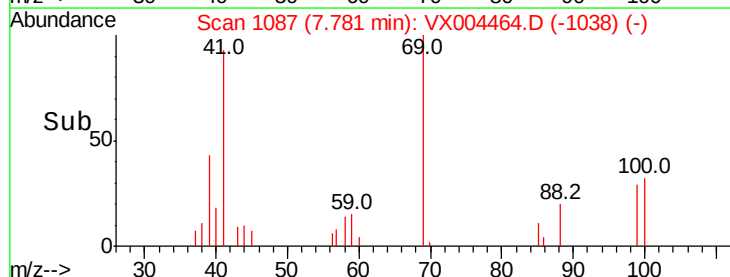
39 52.3 42.7 64.1

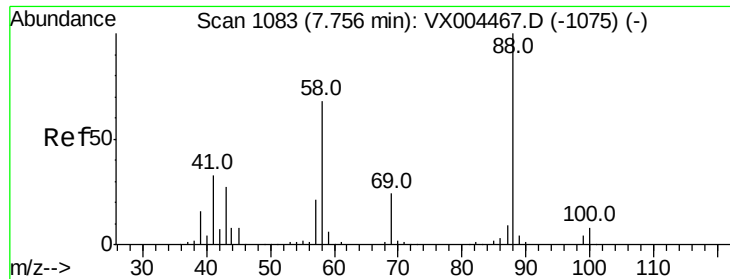


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

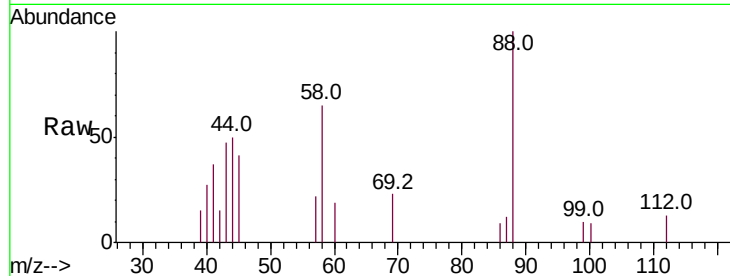




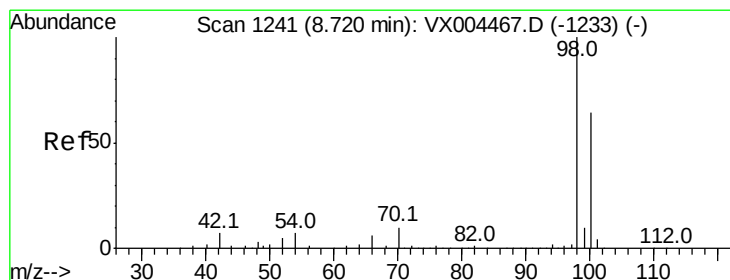
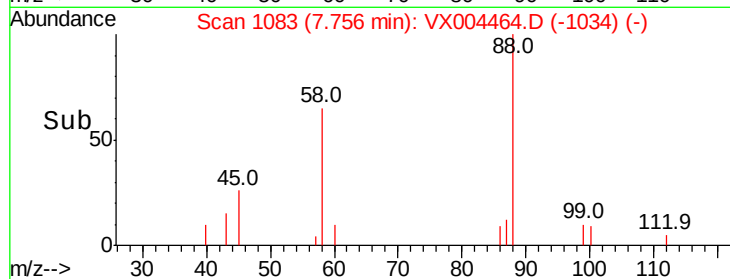
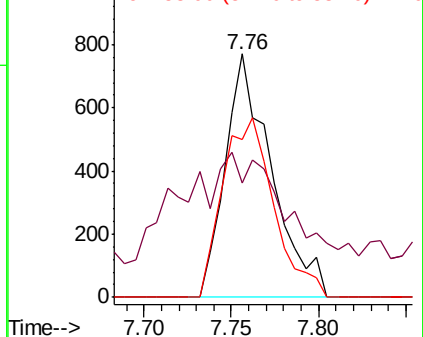
#49
 1,4-Dioxane
 Concen: 17.860 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 88 Resp: 1420
 Ion Ratio Lower Upper
 88 100
 43 97.7 24.7 37.1#
 58 81.3 55.3 82.9

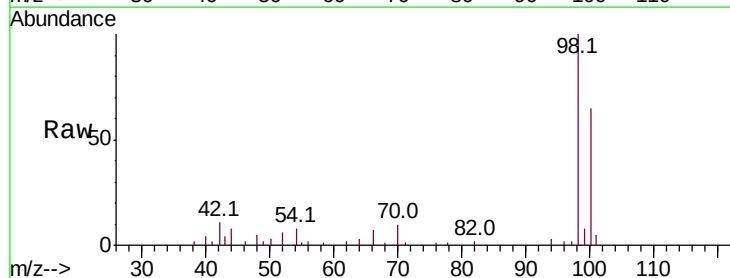


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

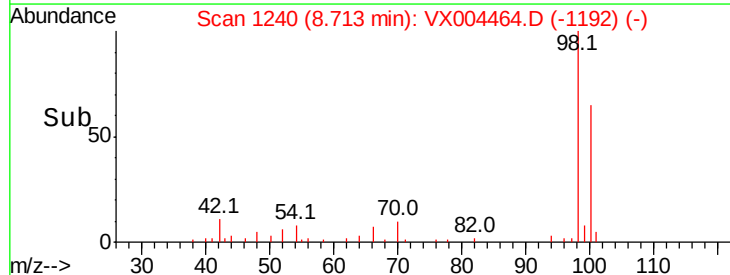
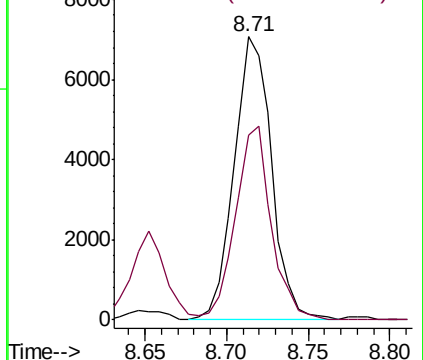


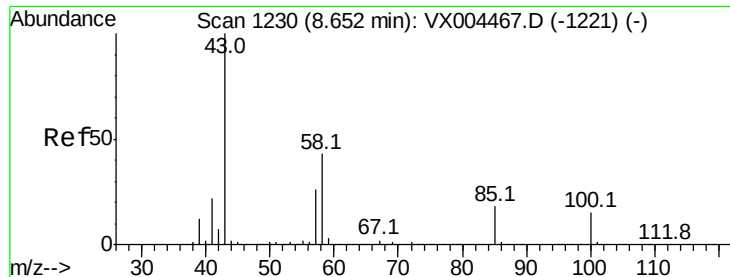
#50
 Toluene-d8
 Concen: 0.997 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Tgt Ion: 98 Resp: 11323
 Ion Ratio Lower Upper
 98 100
 100 65.3 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: 5.014 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

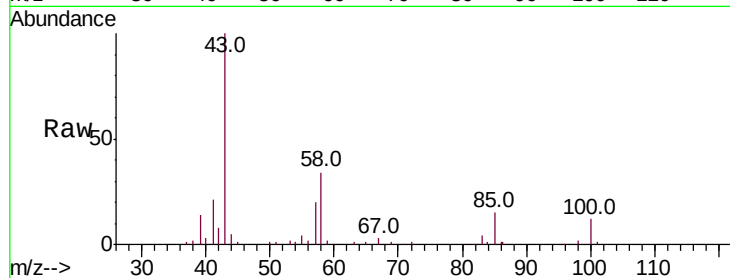
VSTDIC001

Tot Ion: 43 Resp: 24016

Ion Ratio Lower Upper

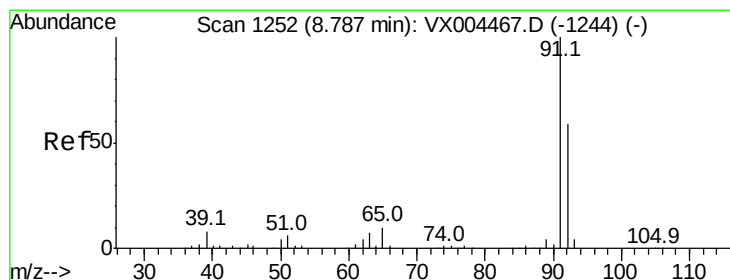
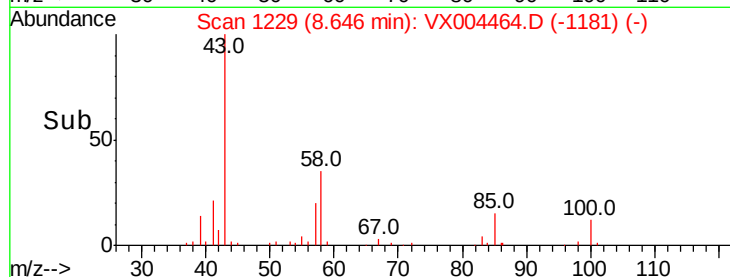
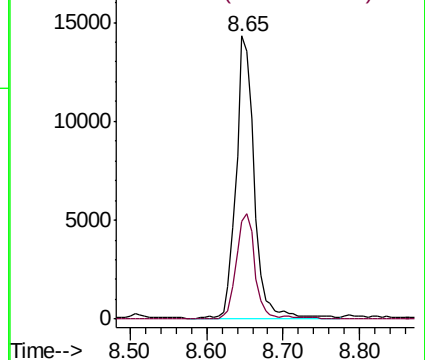
43 100

58 36.9 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: 0.901 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004464.D

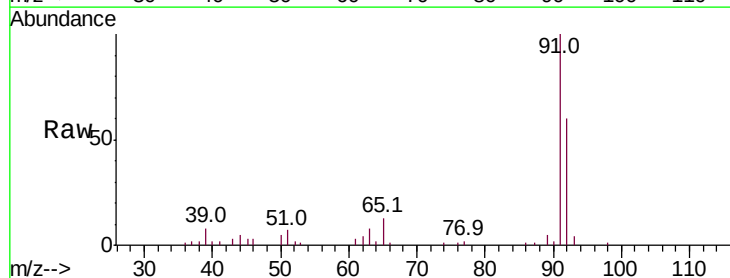
Acq: 11 Sep 2018 12:34

Tgt Ion: 92 Resp: 7074

Ion Ratio Lower Upper

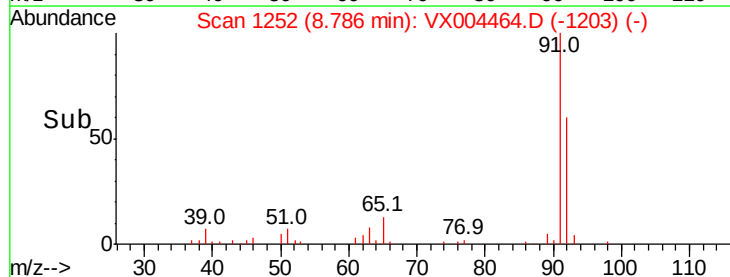
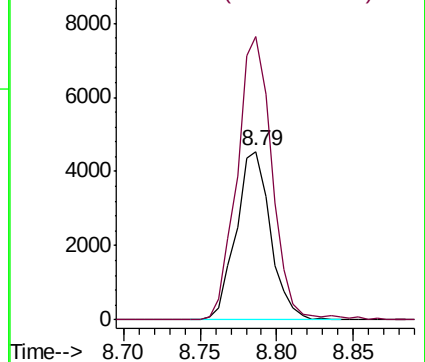
92 100

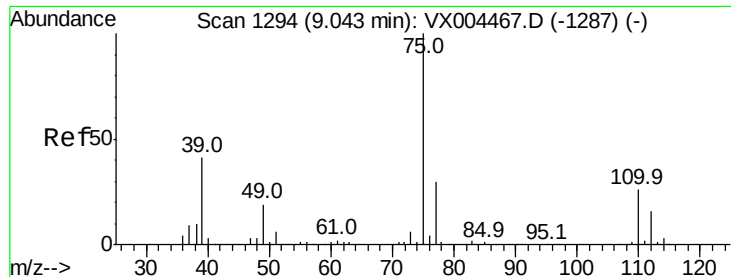
91 171.8 136.4 204.6



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: 0.879 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

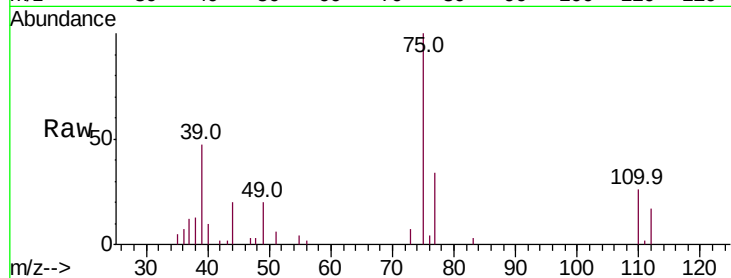
VSTDIC001

Tot Ion: 75 Resp: 3937

Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

2500

2000

1500

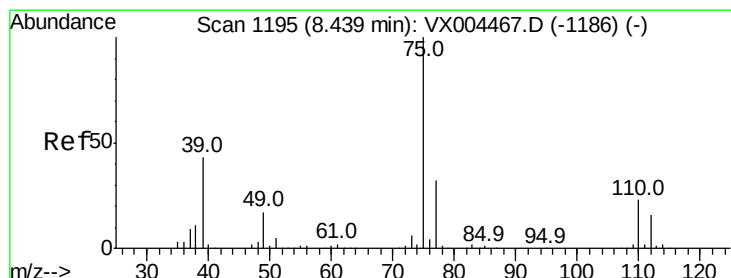
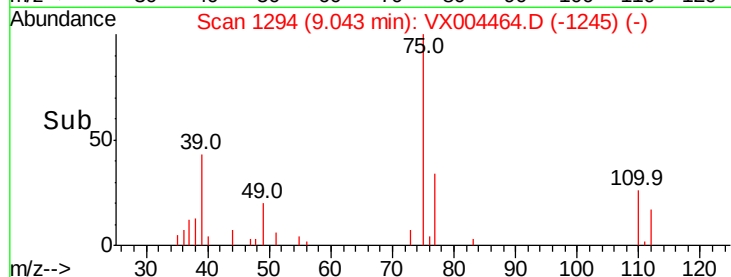
1000

500

0

Time-->

9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 0.832 ug/l

RT: 8.45 min Scan# 1196

Delta R.T. 0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

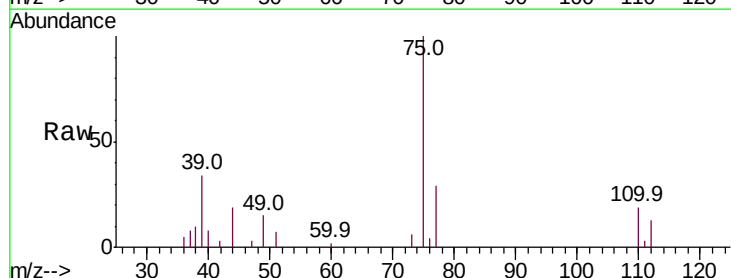
Tgt Ion: 75 Resp: 3796

Ion Ratio Lower Upper

75 100

77 29.0 26.2 39.2

39 34.4 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.45

2500

2000

1500

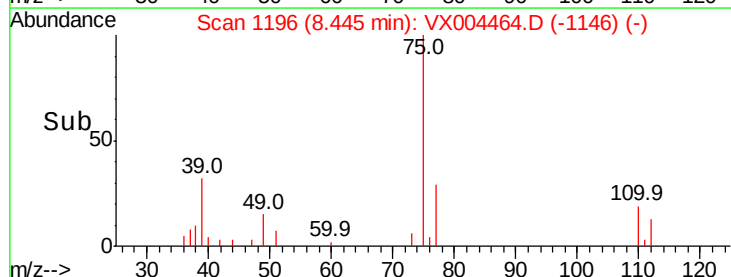
1000

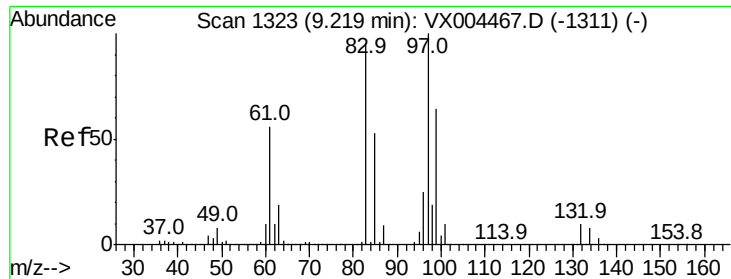
500

0

Time-->

8.35 8.40 8.45 8.50

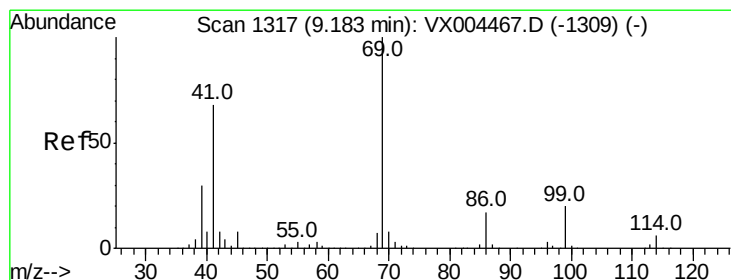
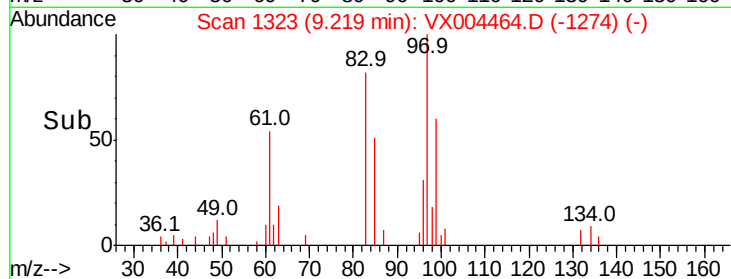
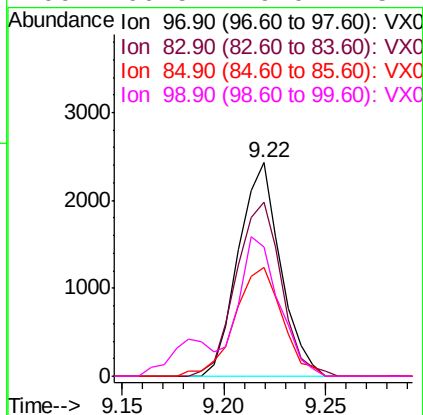
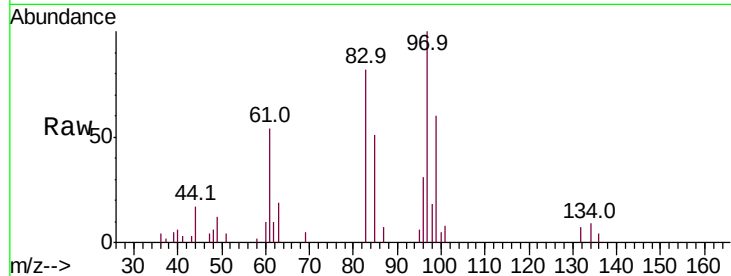




#55
 1,1,2-Trichloroethane
 Concen: 1.030 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

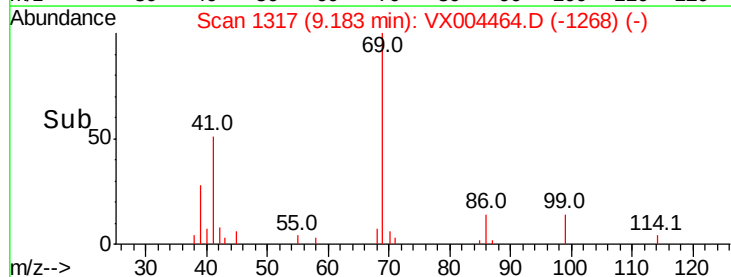
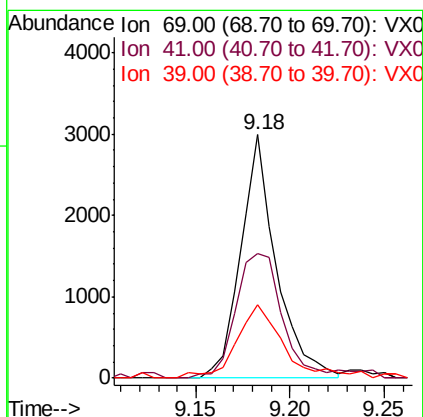
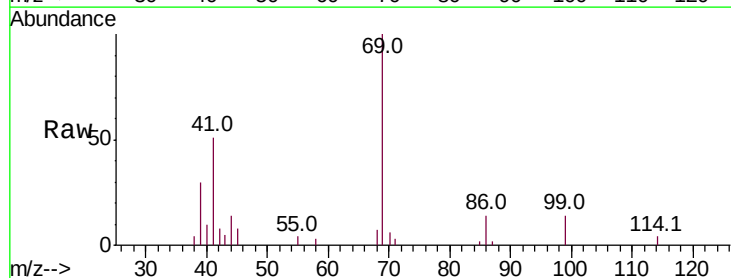
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

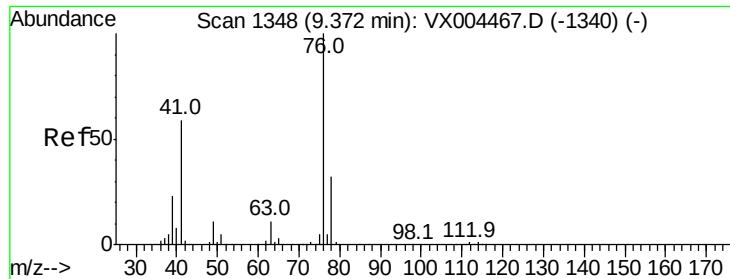
Tot Ion:	97	Resp:	3482
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.4	99.6
85	50.9	43.3	64.9
99	60.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 0.815 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Tgt Ion:	69	Resp:	3901
Ion	Ratio	Lower	Upper
69	100		
41	70.1	51.0	76.4
39	39.9	26.1	39.1#





#57

1,3-Dichloropropane

Concen: 1.036 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

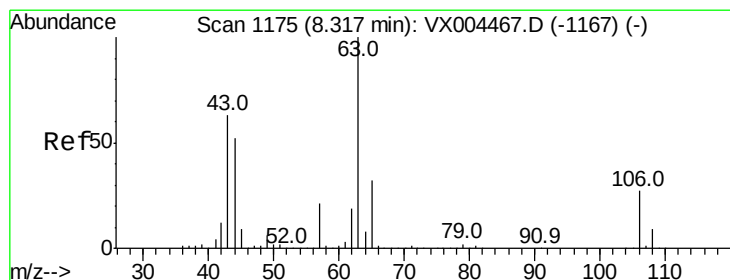
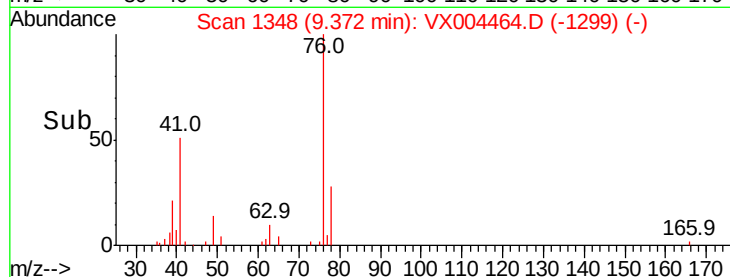
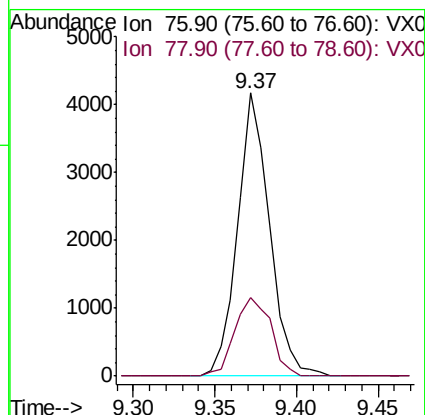
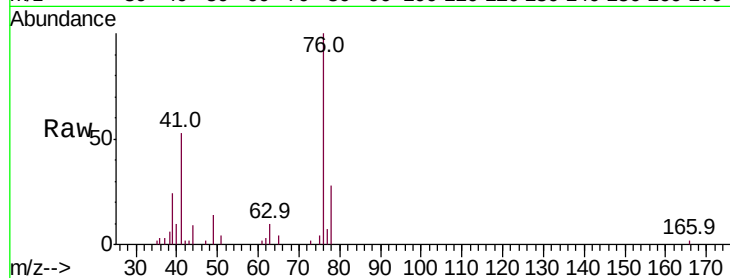
VSTDIC001

Tot Ion: 76 Resp: 5692

Ion Ratio Lower Upper

76 100

78 31.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 3.464 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004464.D

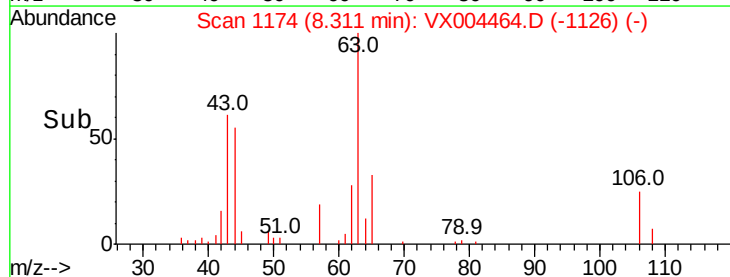
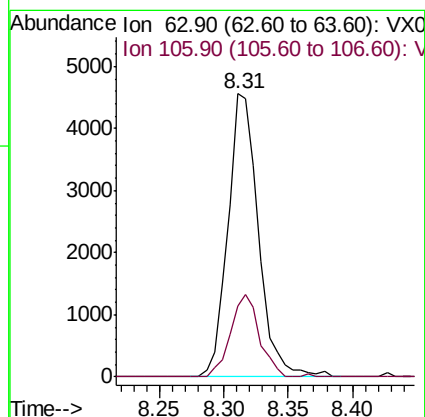
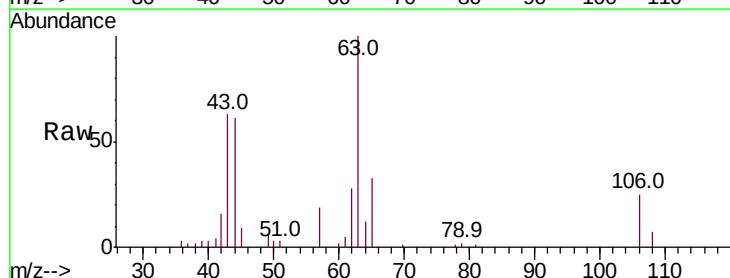
Acq: 11 Sep 2018 12:34

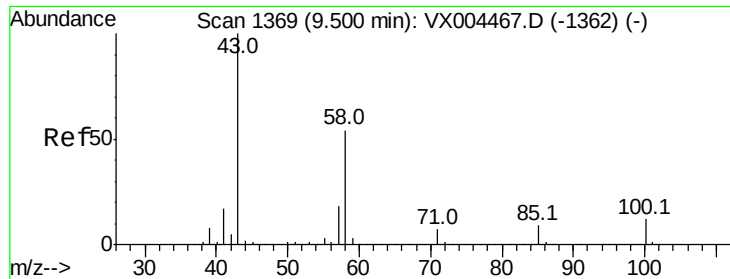
Tgt Ion: 63 Resp: 7604

Ion Ratio Lower Upper

63 100

106 27.3 23.9 35.9





#59

2-Hexanone

Concen: 4.810 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

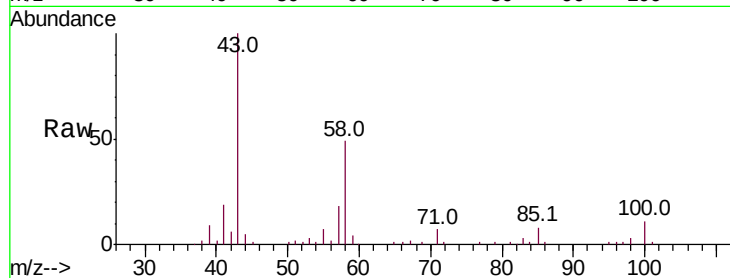
VSTDIC001

Tot Ion: 43 Resp: 17673

Ion Ratio Lower Upper

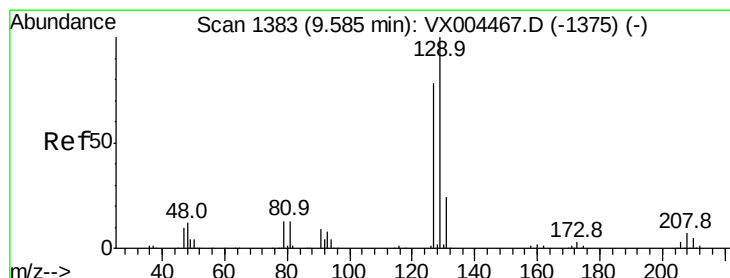
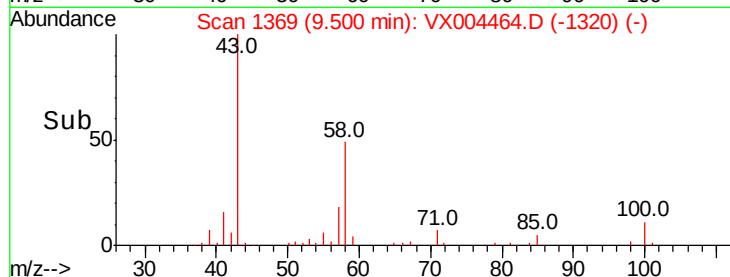
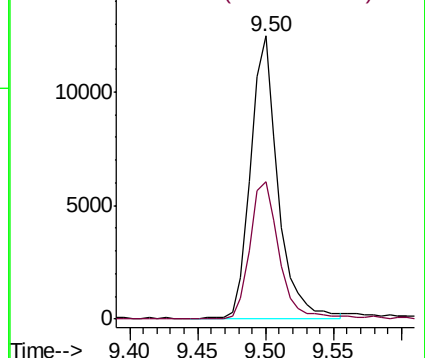
43 100

58 51.5 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 0.961 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX004464.D

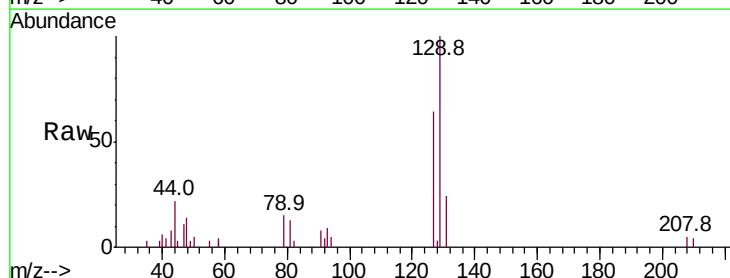
Acq: 11 Sep 2018 12:34

Tgt Ion: 129 Resp: 3059

Ion Ratio Lower Upper

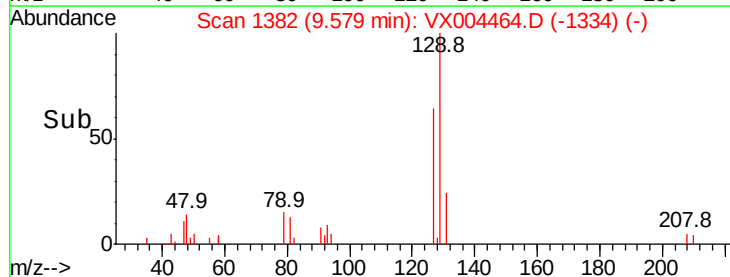
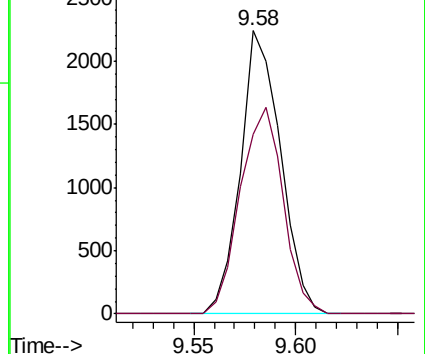
129 100

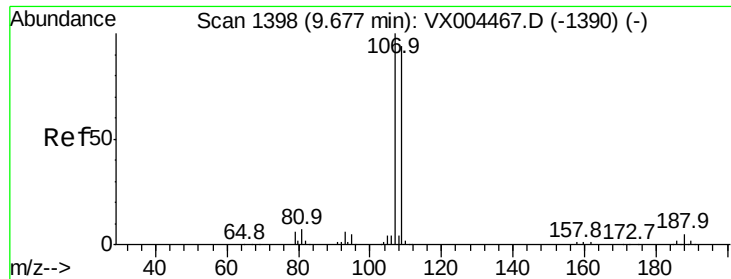
127 78.1 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 1.034 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

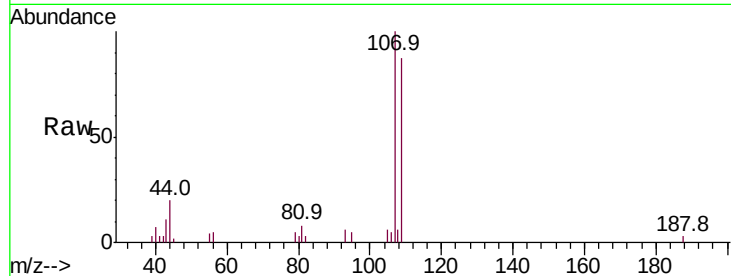
VSTDIC001

Tot Ion:107 Resp: 3340

Ion Ratio Lower Upper

107 100

109 91.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

2500

2000

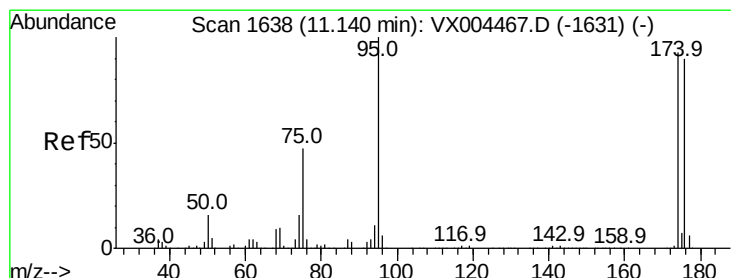
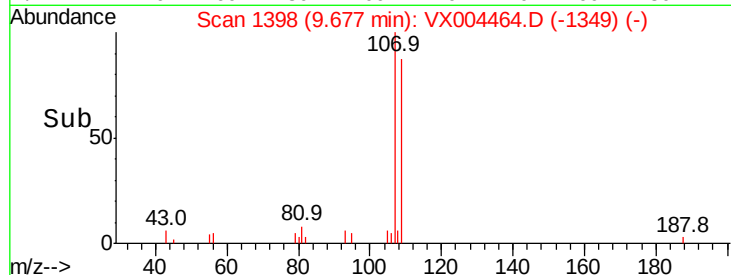
1500

1000

500

0

Time--> 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 0.810 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

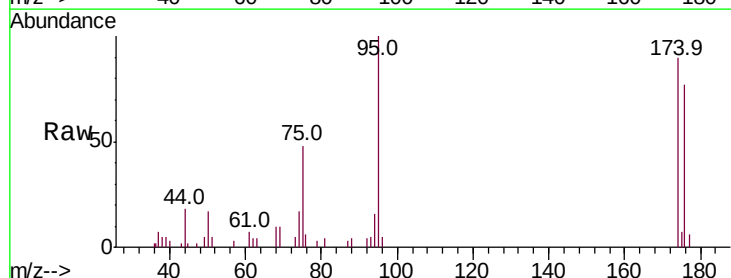
Tgt Ion: 95 Resp: 3283

Ion Ratio Lower Upper

95 100

174 96.3 0.0 185.2

176 92.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

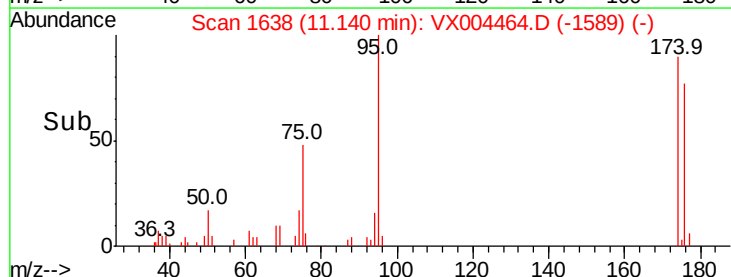
3000

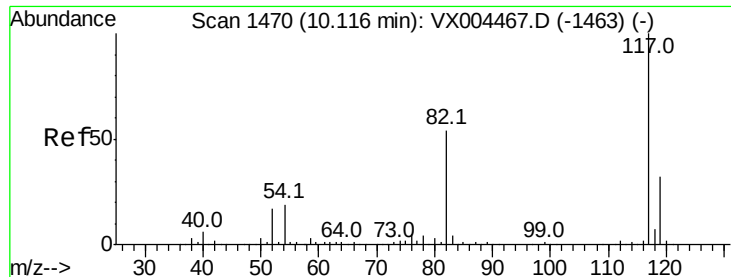
2000

1000

0

Time--> 11.10 11.15

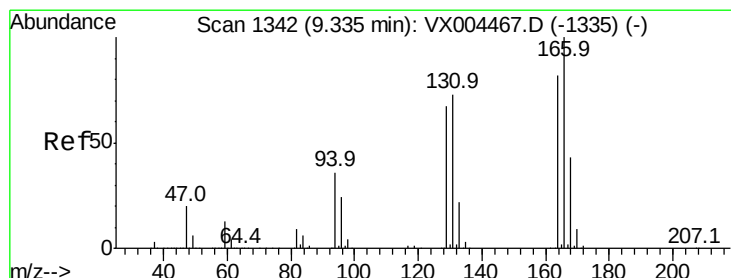
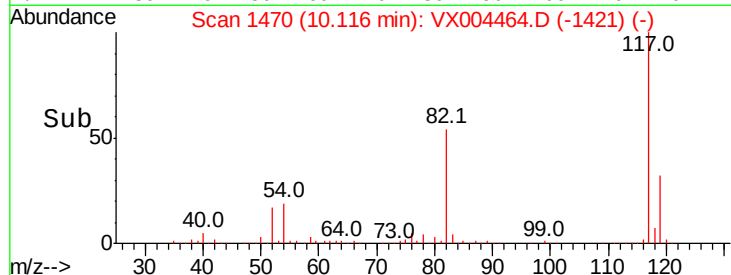
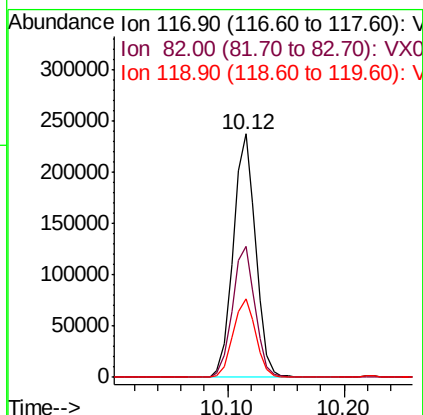
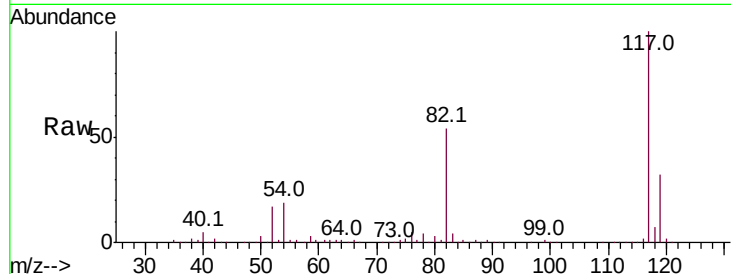




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

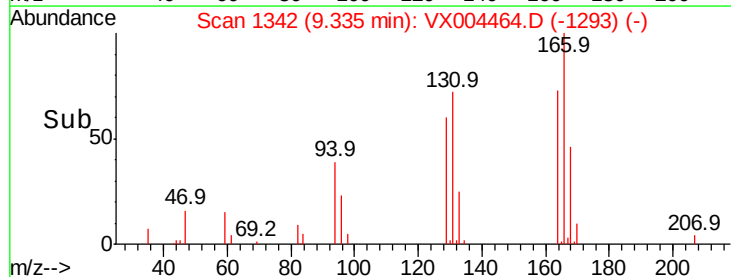
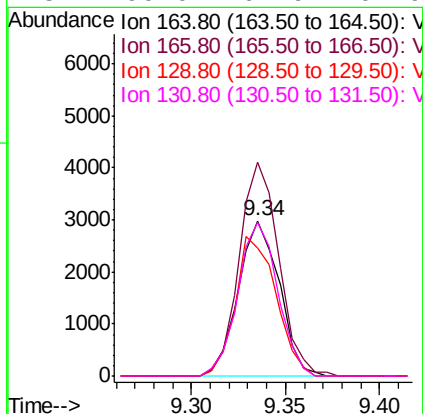
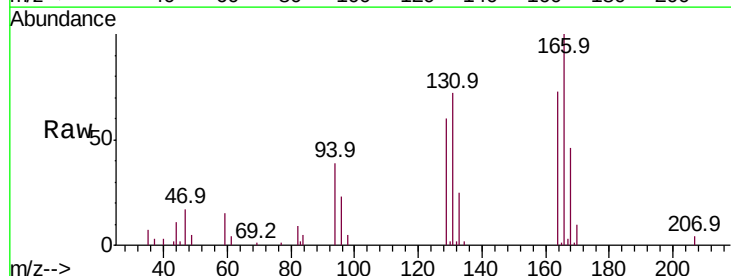
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

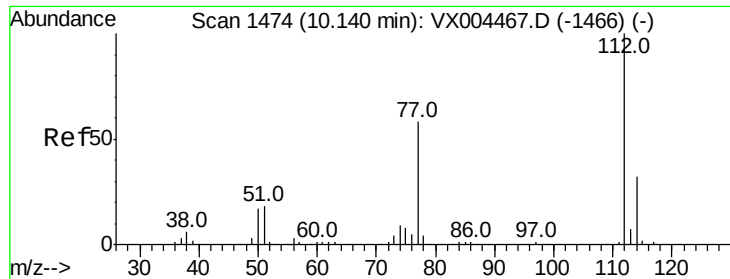
Tot Ion:117 Resp: 317216
Ion Ratio Lower Upper
117 100
82 53.9 47.8 71.6
119 32.4 29.3 43.9



#64
Tetrachloroethene
Concen: 1.133 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Tgt Ion:164 Resp: 4489
Ion Ratio Lower Upper
164 100
166 137.4 102.8 154.2
129 82.5 69.4 104.0
131 99.0 67.9 101.9

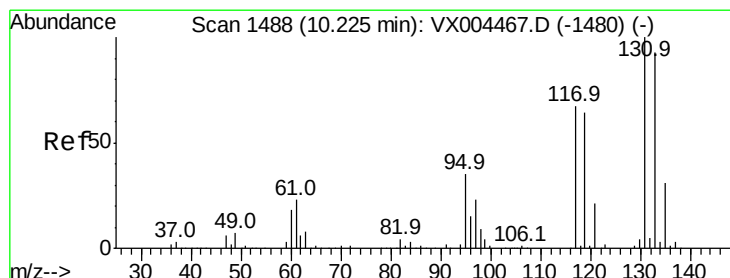
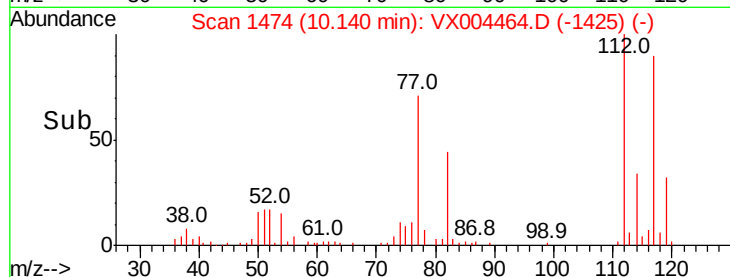
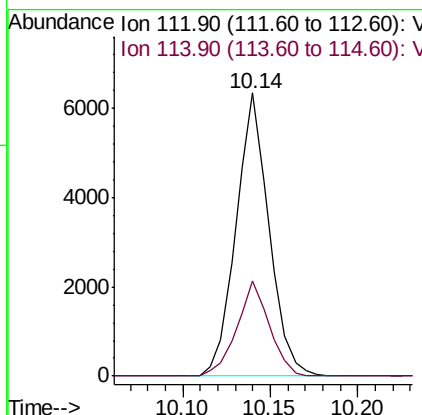
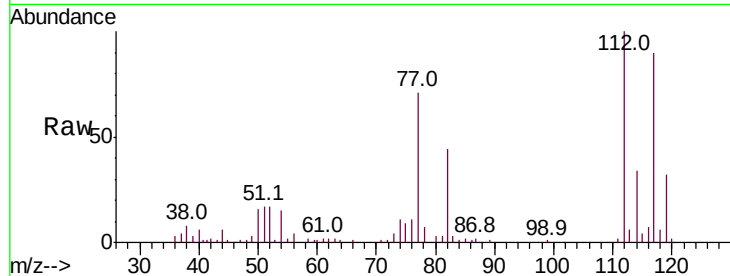




#65
Chlorobenzene
Concen: 1.054 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

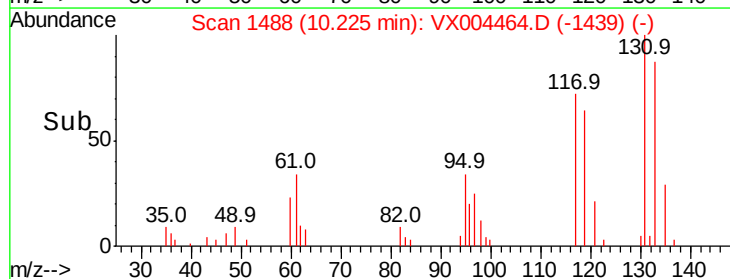
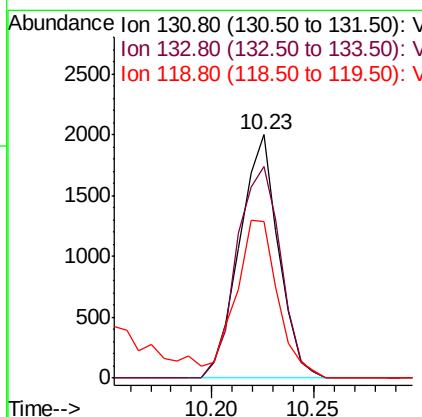
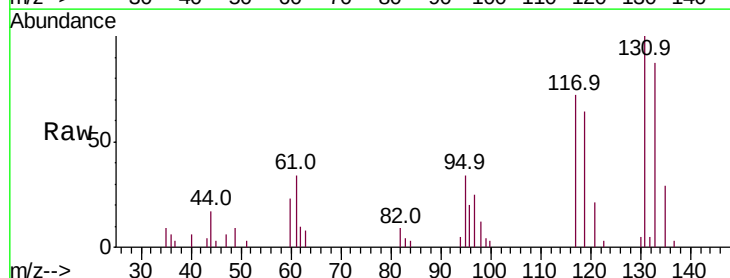
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

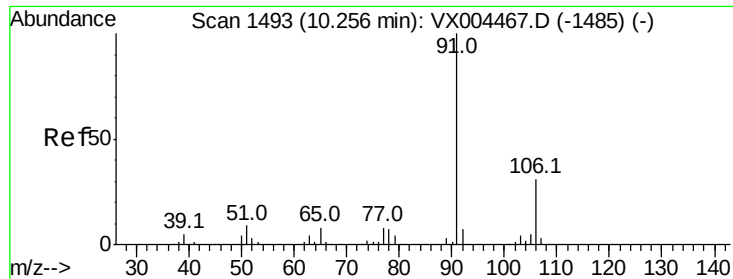
Tot Ion:112 Resp: 8302
Ion Ratio Lower Upper
112 100
114 33.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.982 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Tgt Ion:131 Resp: 2668
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.4
119 0.0 32.9 98.6#

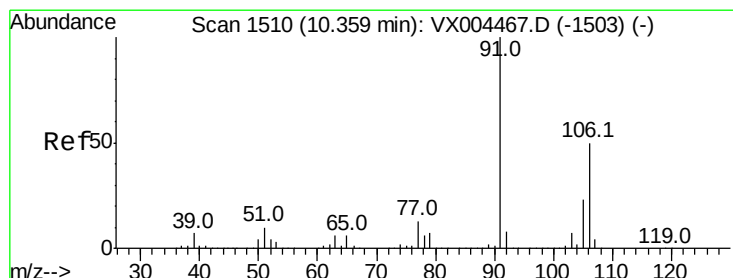
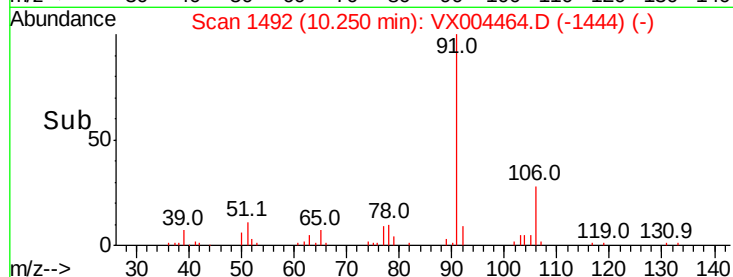
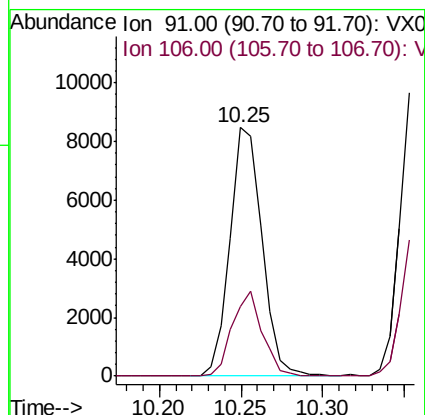
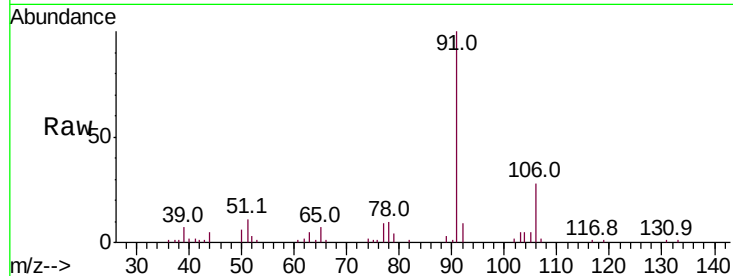




#67
Ethyl Benzene
Concen: 0.907 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

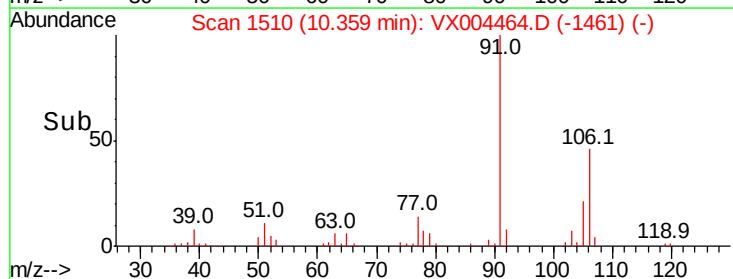
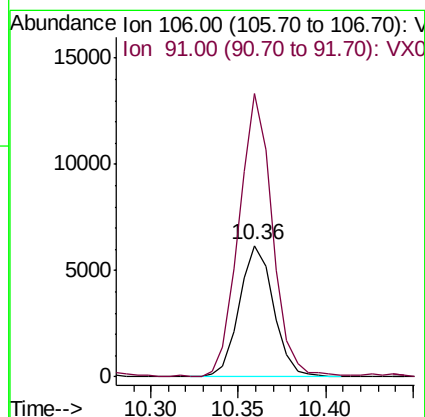
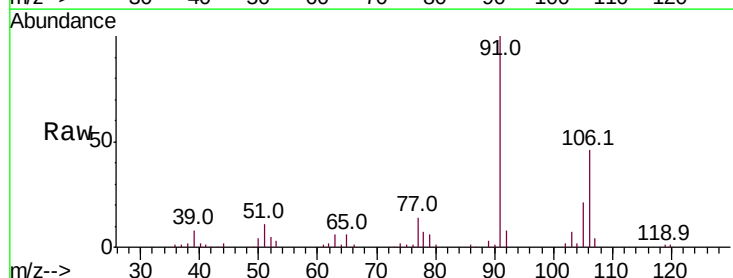
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

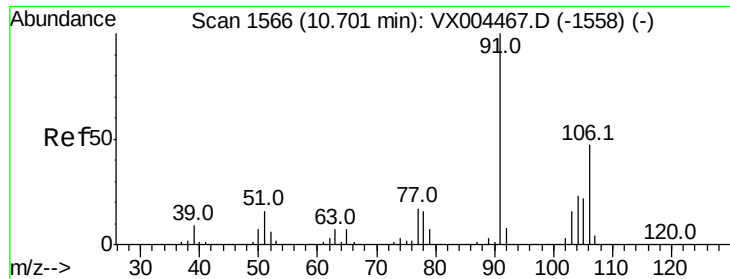
Tot Ion: 91 Resp: 11619
Ion Ratio Lower Upper
91 100
106 28.1 25.9 38.9



#68
m/p-Xylenes
Concen: 1.707 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Tgt Ion: 106 Resp: 8424
Ion Ratio Lower Upper
106 100
91 210.4 157.1 235.7

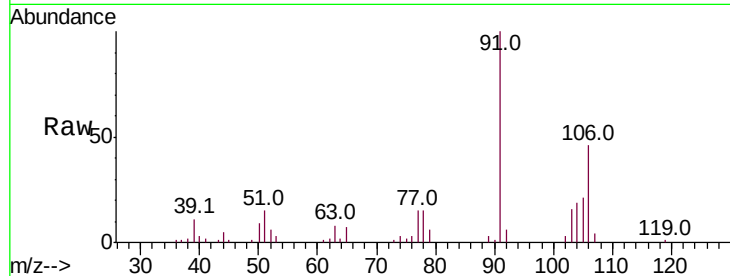




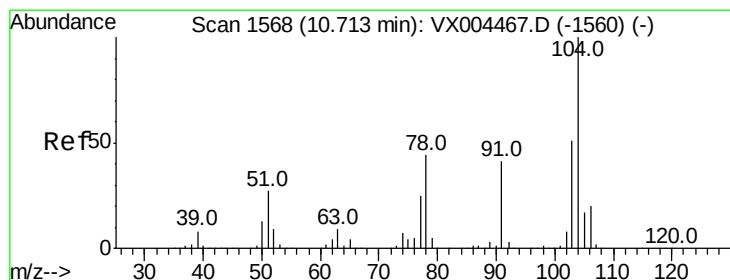
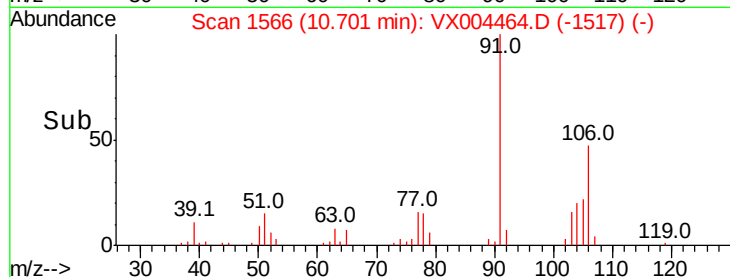
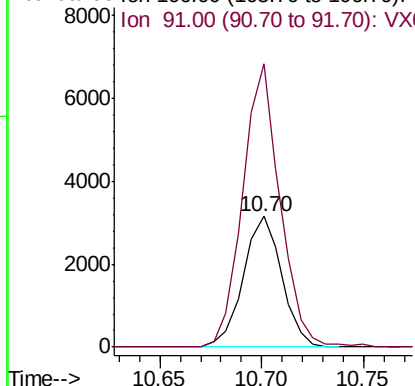
#69
o-Xylene
Concen: 0.873 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 4143
Ion Ratio Lower Upper
106 100
91 210.3 105.1 315.1

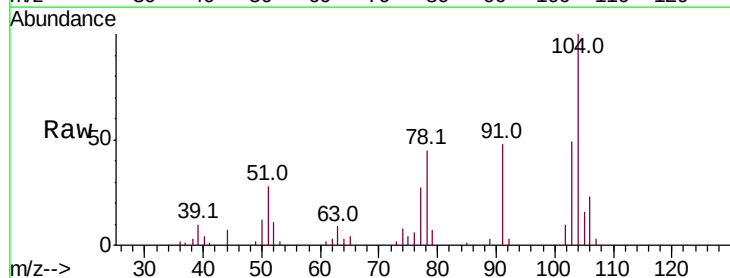


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

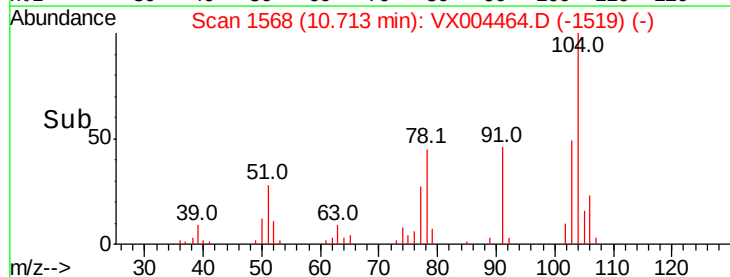
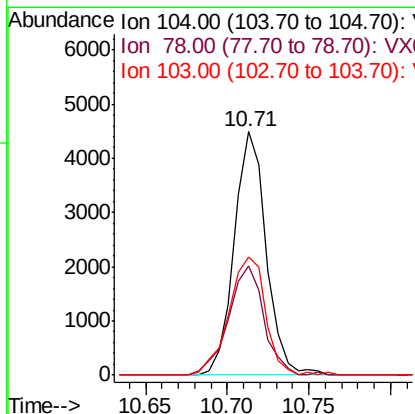


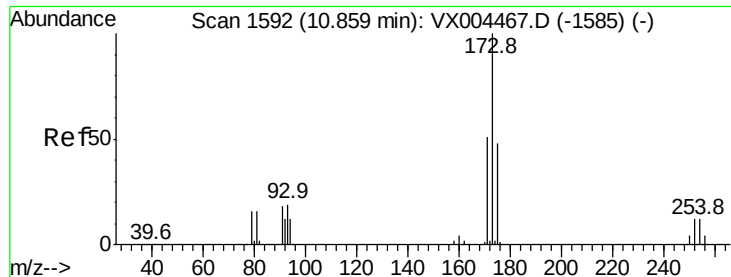
#70
Styrene
Concen: 0.778 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004464.D
Acq: 11 Sep 2018 12:34

Tgt Ion:104 Resp: 6112
Ion Ratio Lower Upper
104 100
78 49.5 37.4 56.0
103 56.1 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: 0.926 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

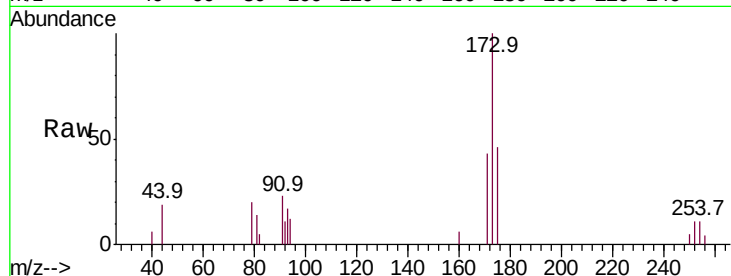
Tot Ion:173 Resp: 2067

Ion Ratio Lower Upper

173 100

175 51.3 24.1 72.3

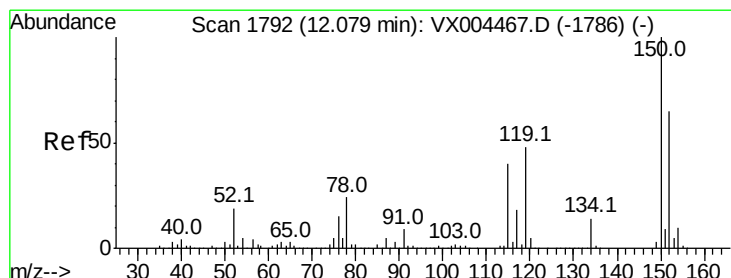
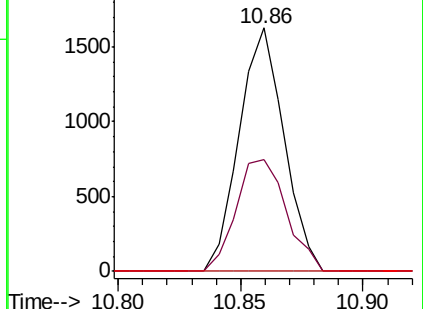
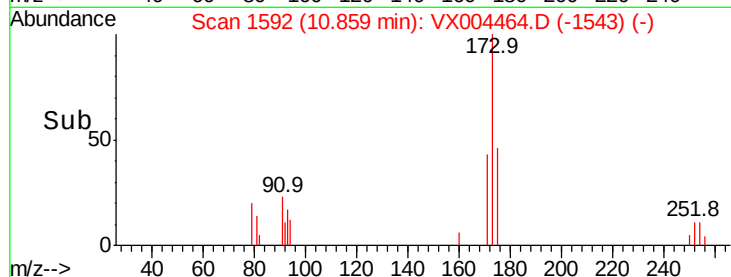
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

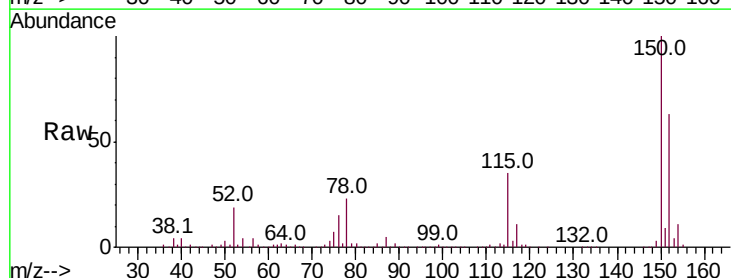
Tgt Ion:152 Resp: 175033

Ion Ratio Lower Upper

152 100

115 55.5 39.0 117.0

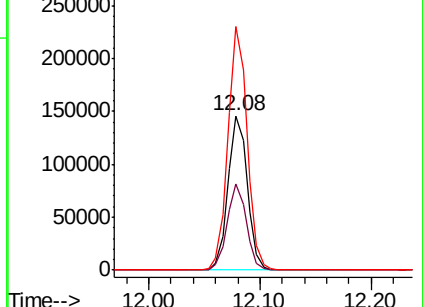
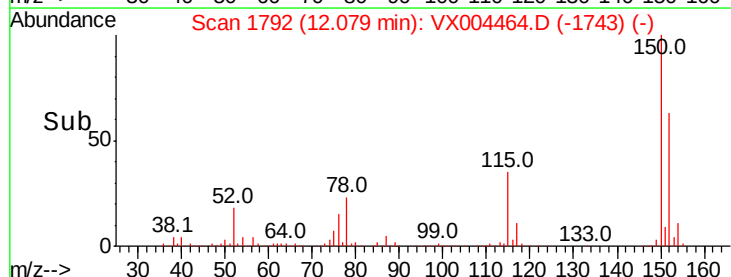
150 156.2 0.0 351.0

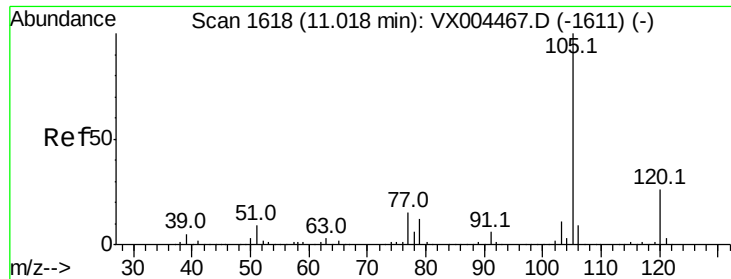


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.915 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

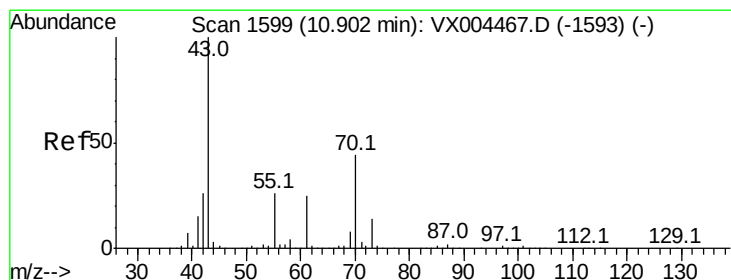
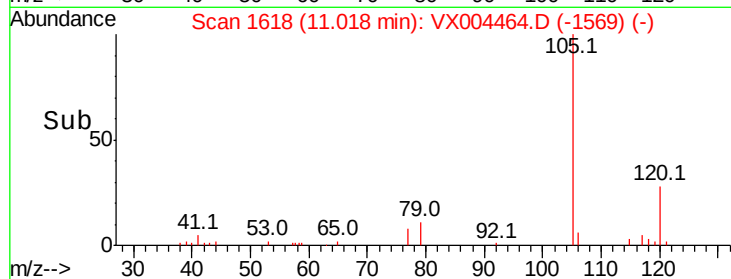
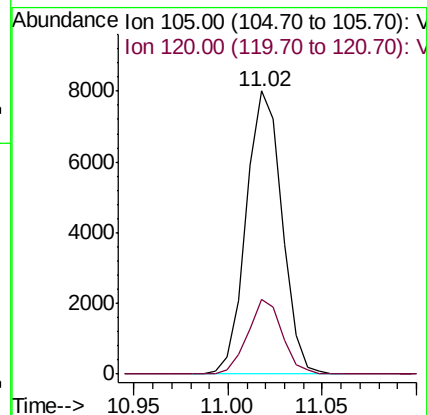
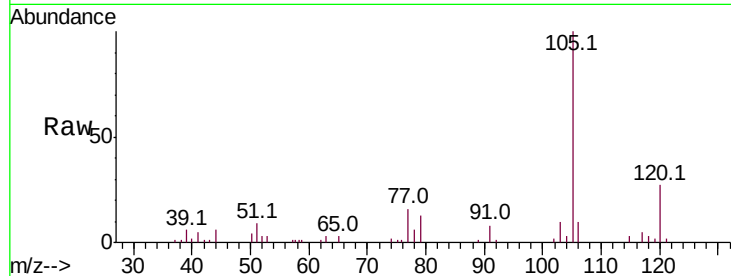
VSTDIC001

Tot Ion:105 Resp: 10543

Ion Ratio Lower Upper

105 100

120 25.5 13.5 40.4



#74

N-ethyl acetate

Concen: 0.914 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Tgt Ion: 43 Resp: 4433

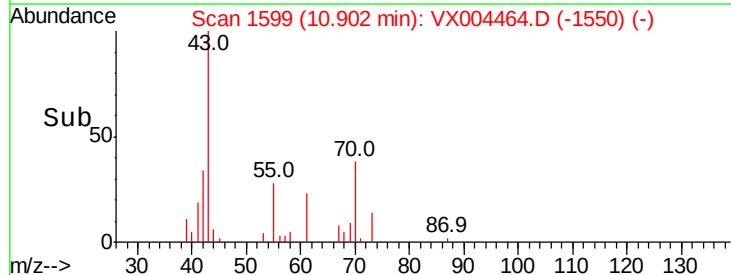
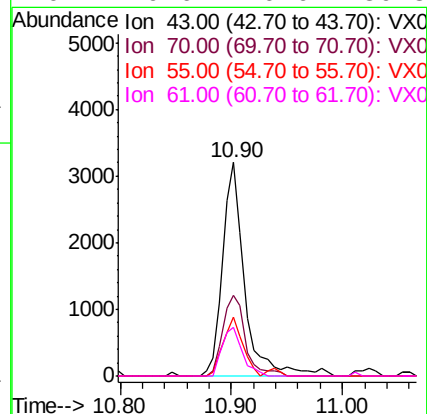
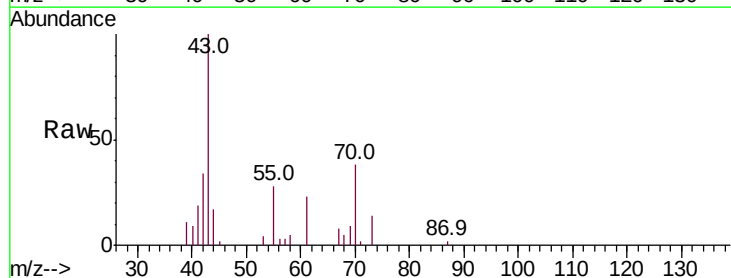
Ion Ratio Lower Upper

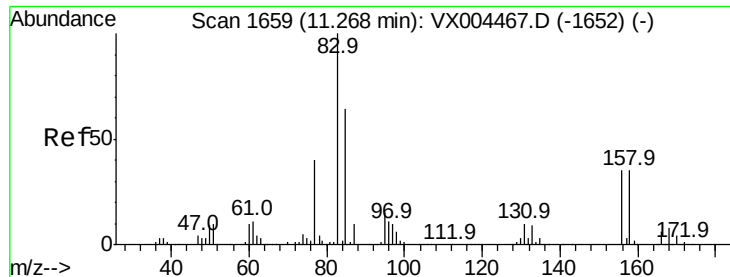
43 100

70 38.2 37.4 56.0

55 24.4 21.8 32.8

61 20.6 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 1.109 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

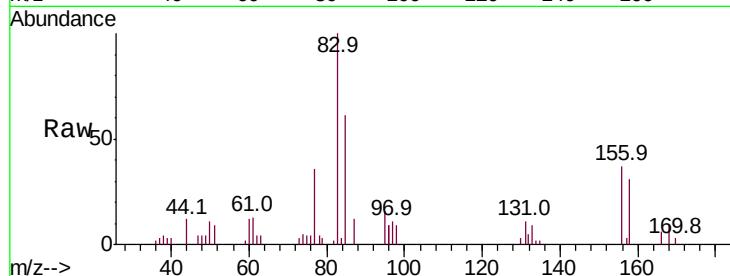
Tot Ion: 83 Resp: 4124

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

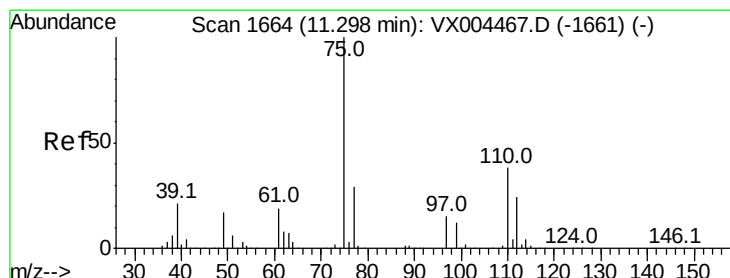
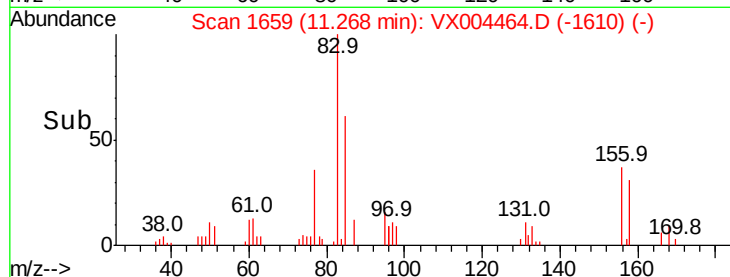
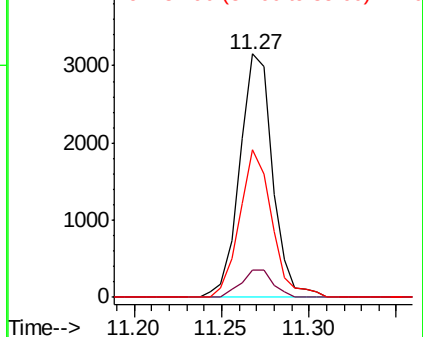
85 59.9 32.3 96.8



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: 1.356 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004464.D

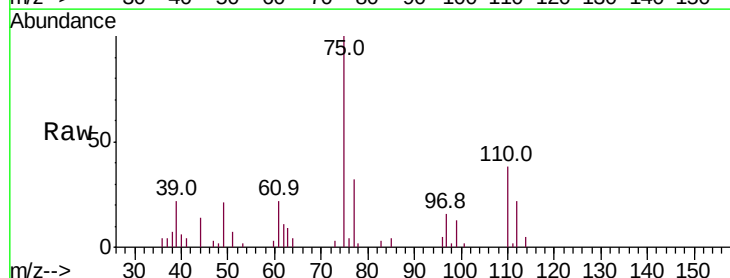
Acq: 11 Sep 2018 12:34

Tgt Ion: 75 Resp: 4639

Ion Ratio Lower Upper

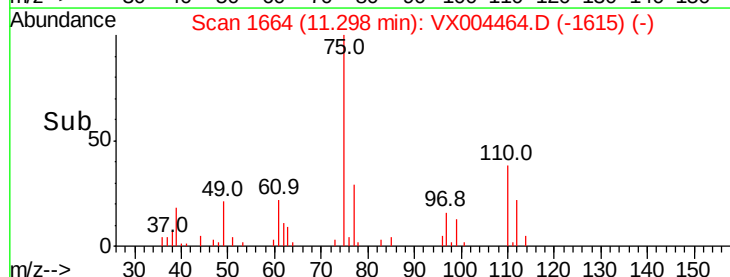
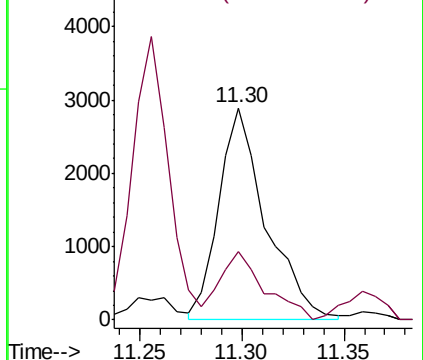
75 100

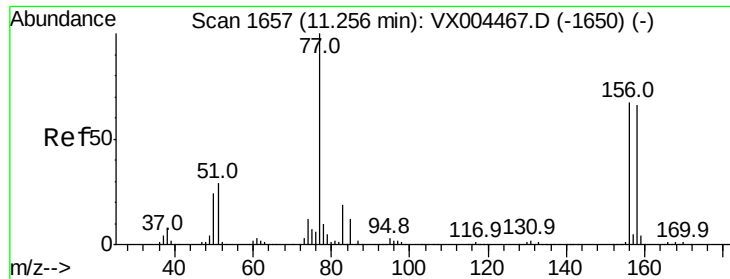
77 30.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.025 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

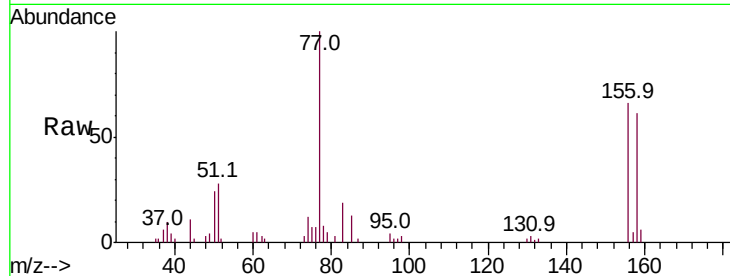
Tot Ion:156 Resp: 3267

Ion Ratio Lower Upper

156 100

77 146.8 71.5 214.3

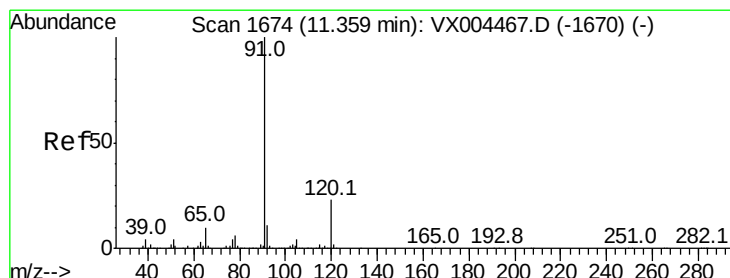
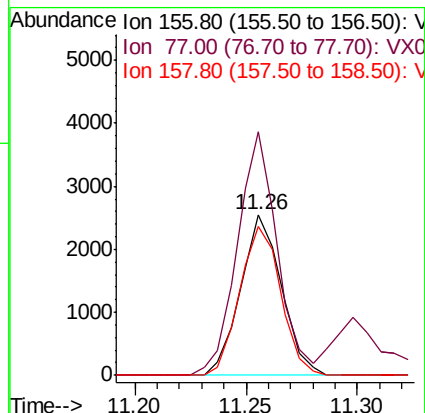
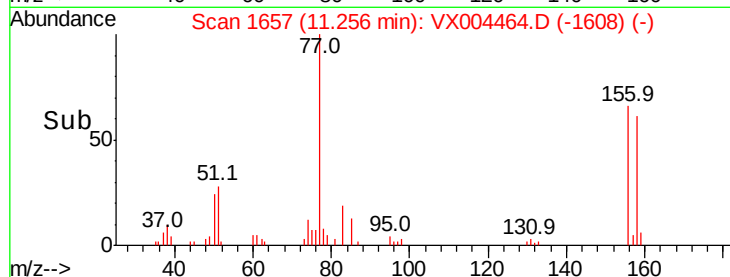
158 92.9 48.9 146.8



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: 0.885 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004464.D

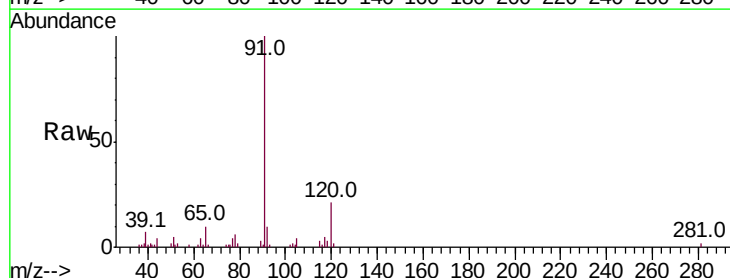
Acq: 11 Sep 2018 12:34

Tgt Ion: 91 Resp: 11727

Ion Ratio Lower Upper

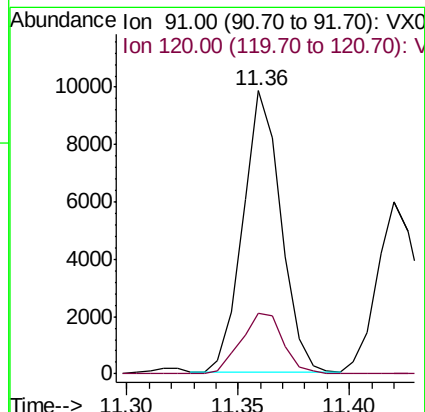
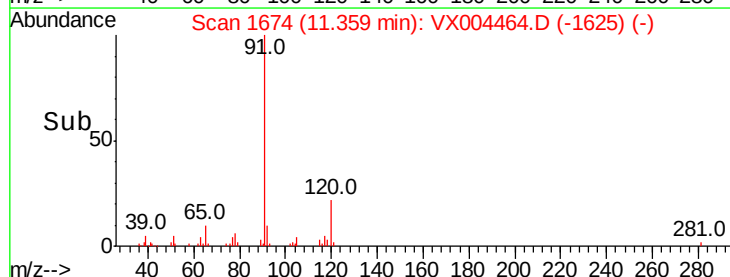
91 100

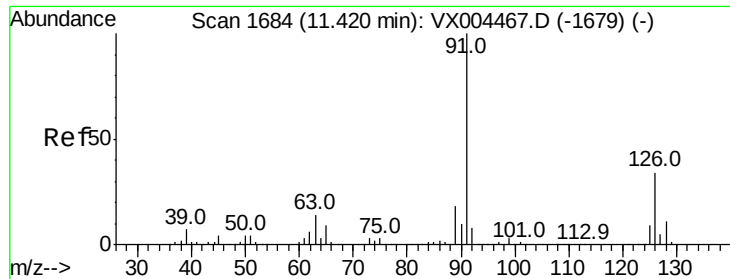
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

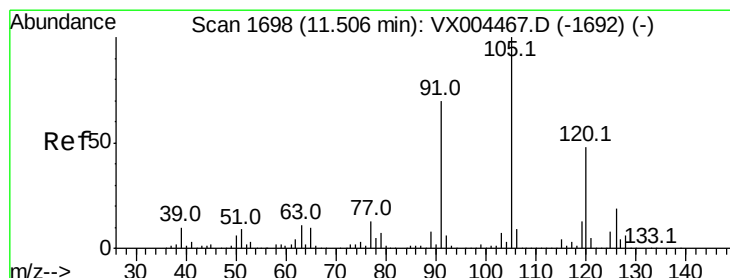
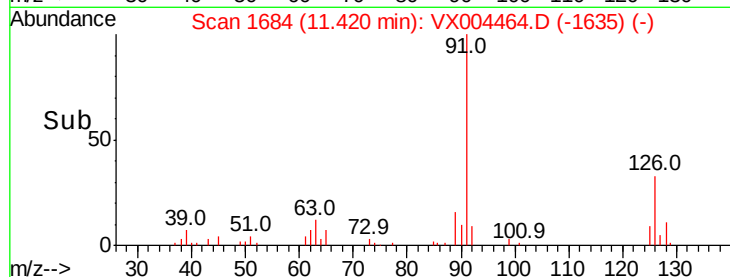
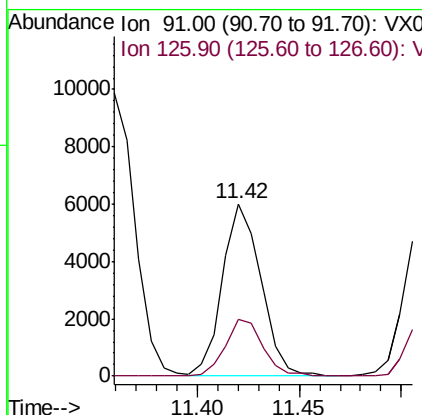
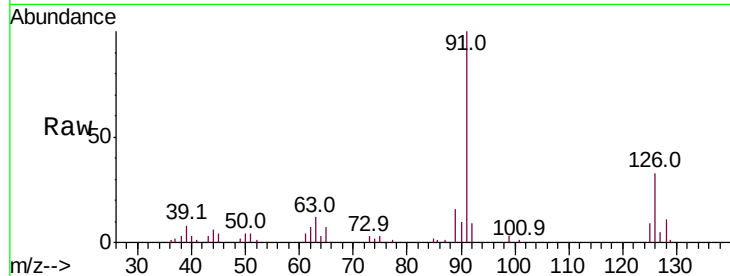




#79
 2-Chlorotoluene
 Concen: 0.977 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

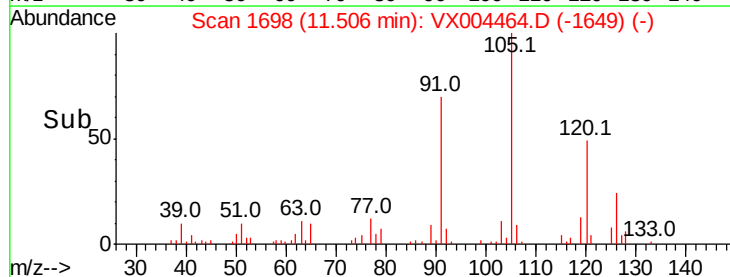
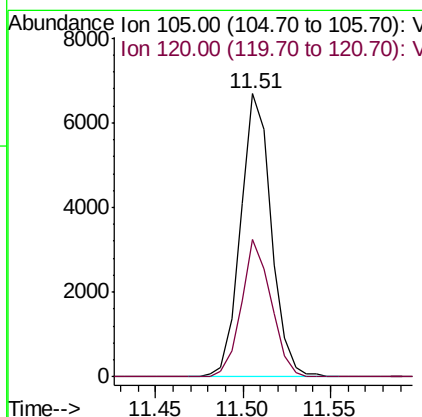
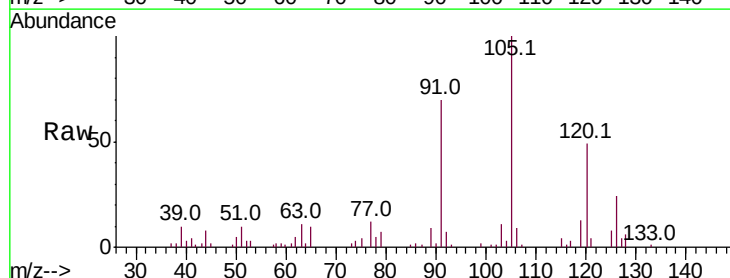
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

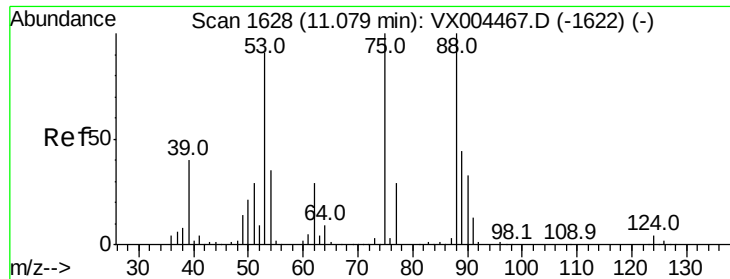
Tot Ion: 91.00 Resp: 7850
 Ion Ratio Lower Upper
 91 100
 126 32.0 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 0.839 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Tgt Ion: 105 Resp: 8133
 Ion Ratio Lower Upper
 105 100
 120 47.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 0.930 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

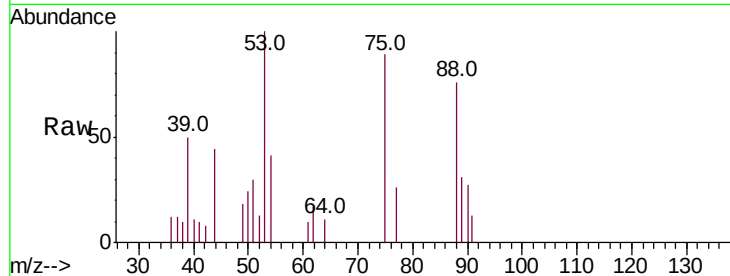
Tot Ion: 75 Resp: 1028

Ion Ratio Lower Upper

75 100

53 102.6 80.1 120.1

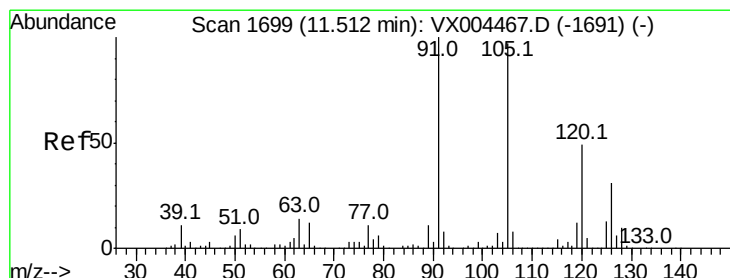
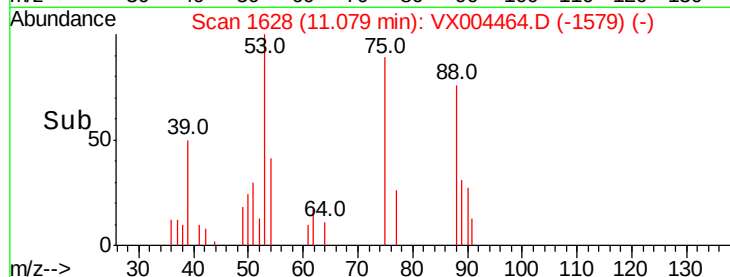
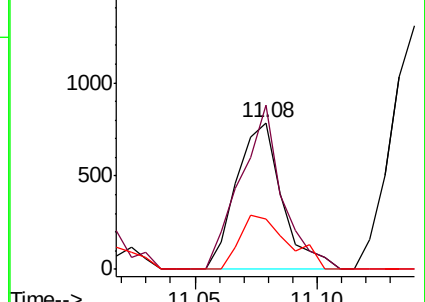
89 38.7 37.2 55.8



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: 0.894 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004464.D

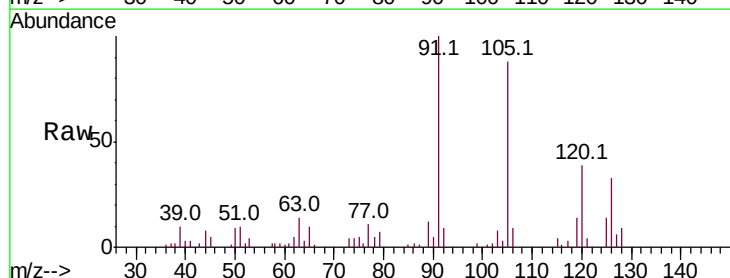
Acq: 11 Sep 2018 12:34

Tgt Ion: 91 Resp: 8391

Ion Ratio Lower Upper

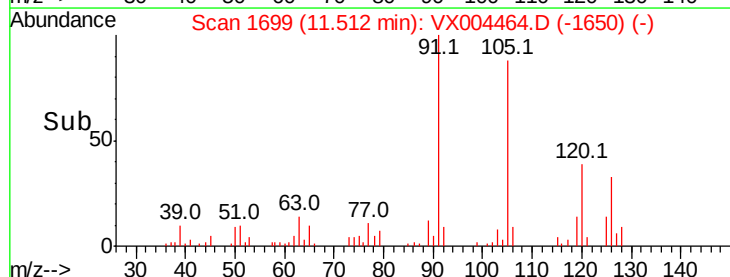
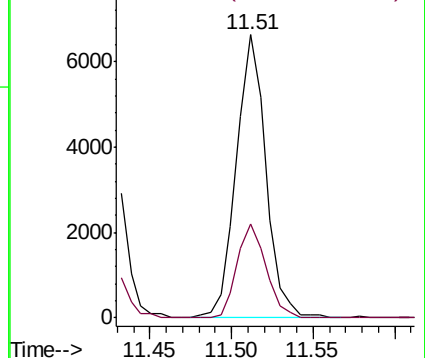
91 100

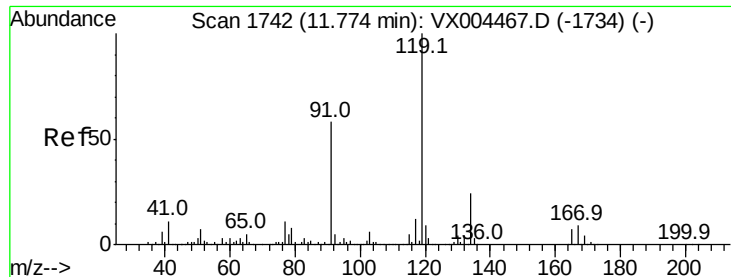
126 32.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.884 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

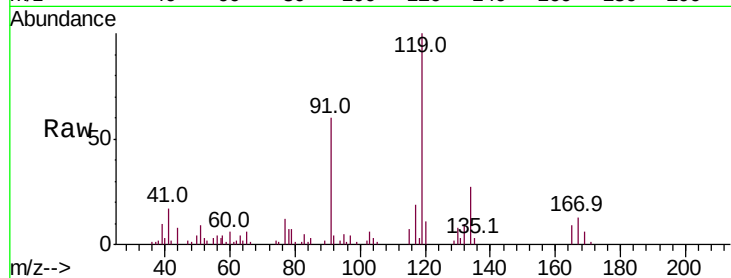
Tot Ion:119 Resp: 8153

Ion Ratio Lower Upper

119 100

91 57.1 27.0 81.0

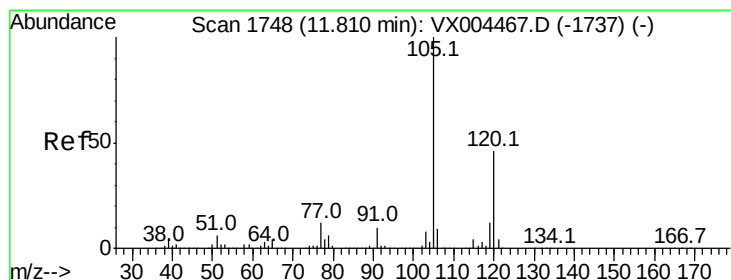
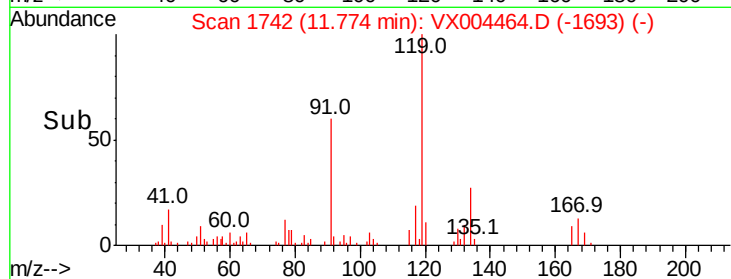
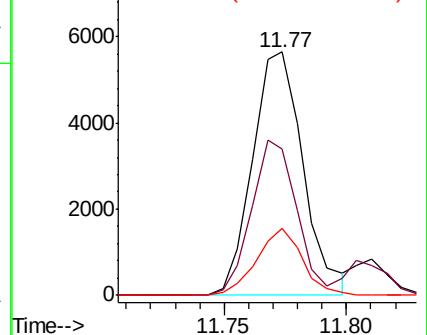
134 24.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.810 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004464.D

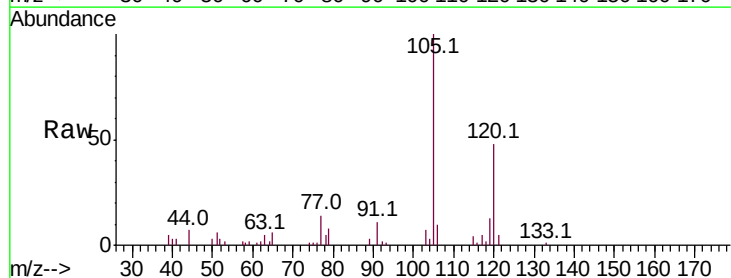
Acq: 11 Sep 2018 12:34

Tgt Ion:105 Resp: 8018

Ion Ratio Lower Upper

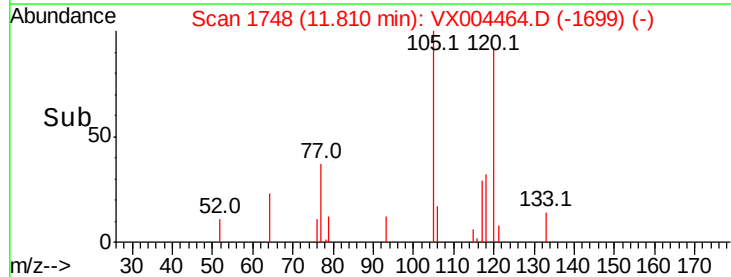
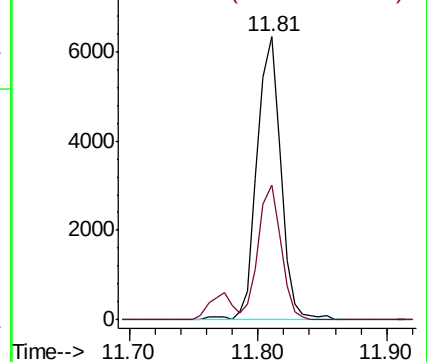
105 100

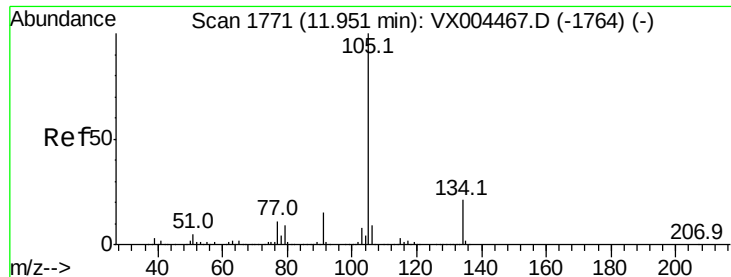
120 45.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.860 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

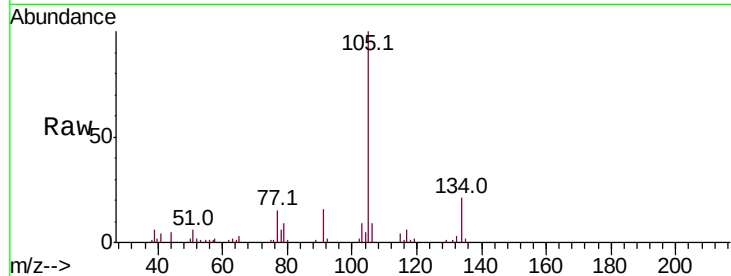
VSTDIC001

Tot Ion:105 Resp: 10113

Ion Ratio Lower Upper

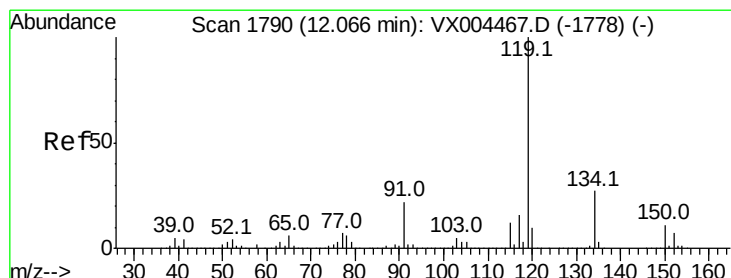
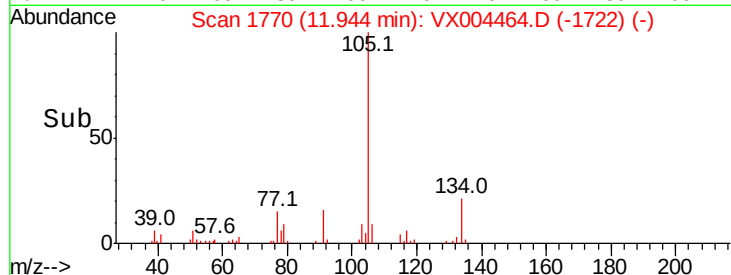
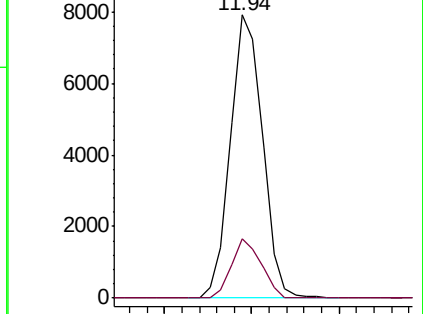
105 100

134 19.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.808 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

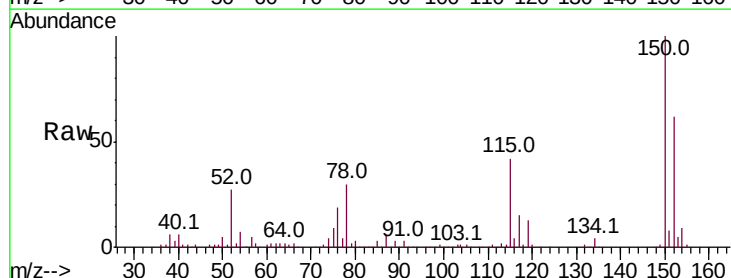
Tgt Ion:119 Resp: 8387

Ion Ratio Lower Upper

119 100

134 29.4 13.4 40.2

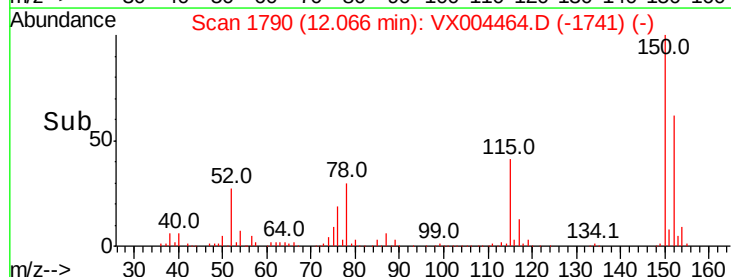
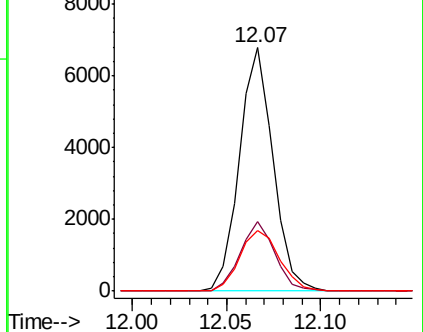
91 29.4 10.9 32.7

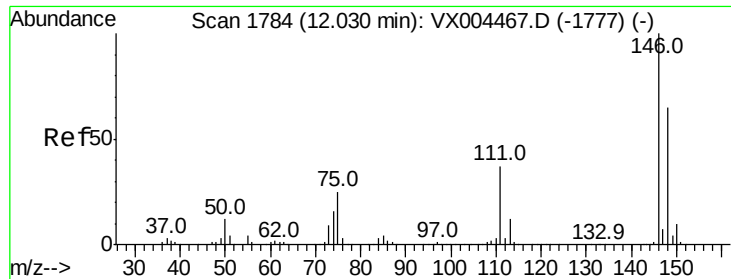


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.022 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

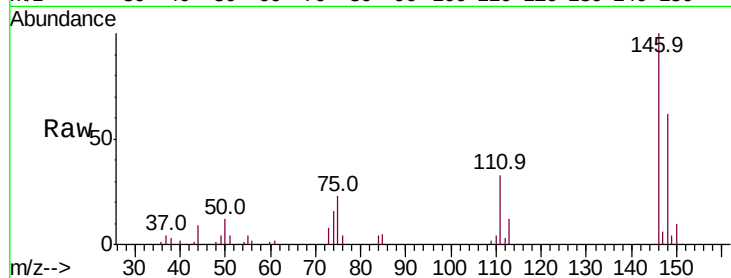
Tot Ion:146 Resp: 6075

Ion Ratio Lower Upper

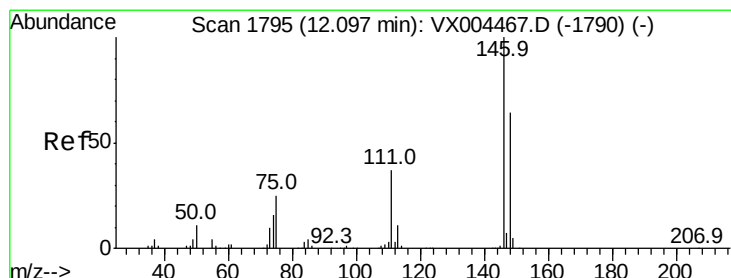
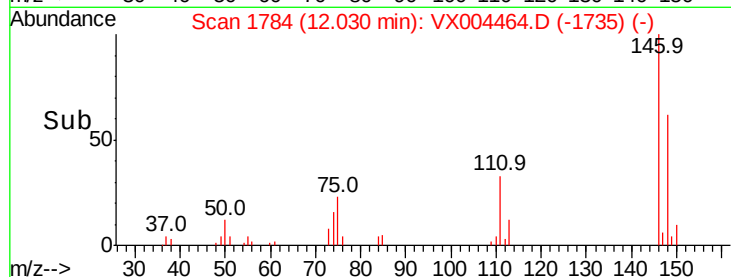
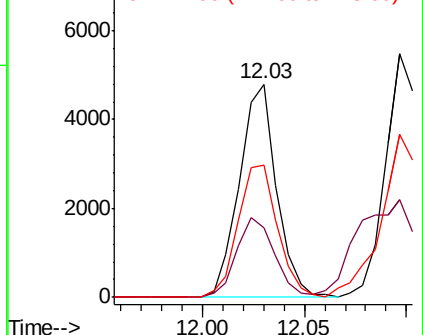
146 100

111 38.1 18.7 56.1

148 65.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.989 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.07 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

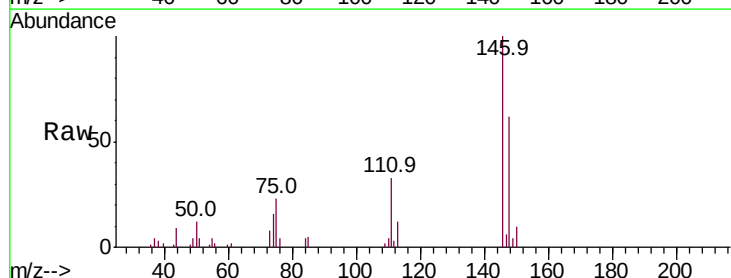
Tgt Ion:146 Resp: 6075

Ion Ratio Lower Upper

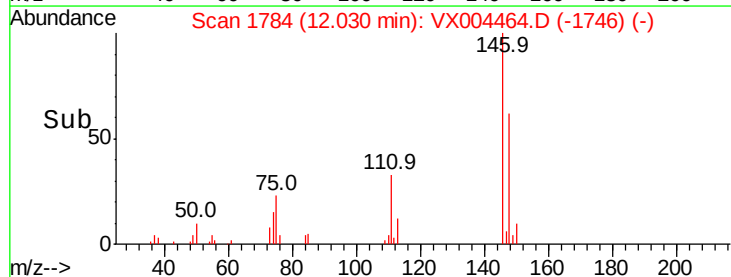
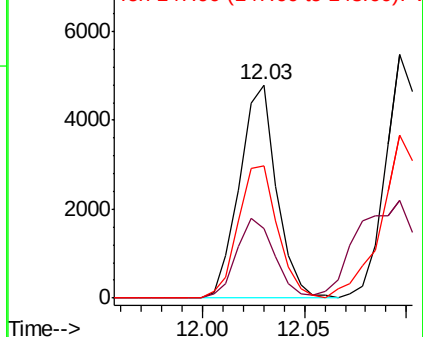
146 100

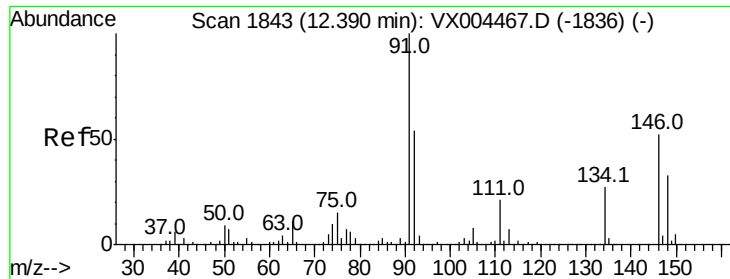
111 38.1 18.1 54.1

148 65.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.904 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

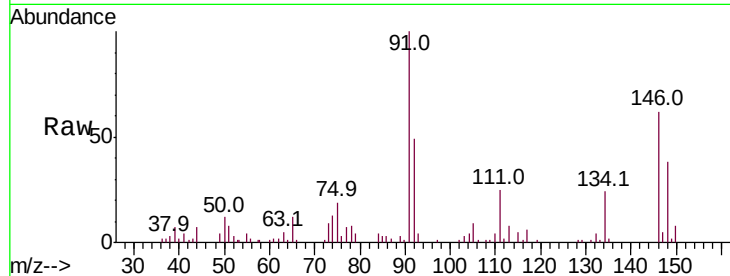
Tot Ion: 91 Resp: 8548

Ion Ratio Lower Upper

91 100

92 49.8 27.3 81.9

134 24.9 13.6 40.7

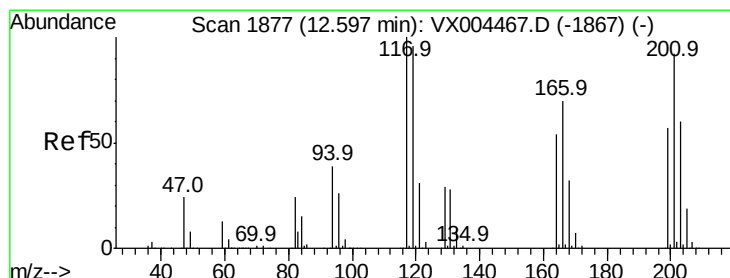
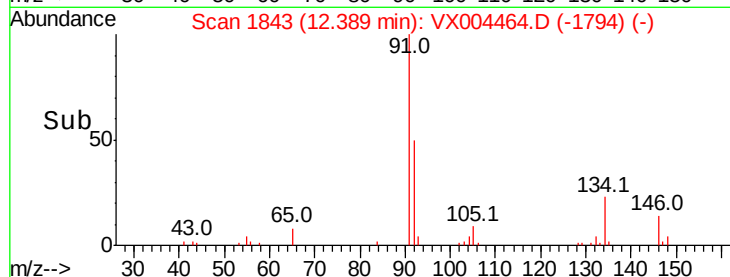


Abundance Ion 91.00 (90.70 to 91.70): VX004464.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004464.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004464.D (-1836) (-)

Time-->



#90

Hexachloroethane

Concen: 0.973 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004464.D

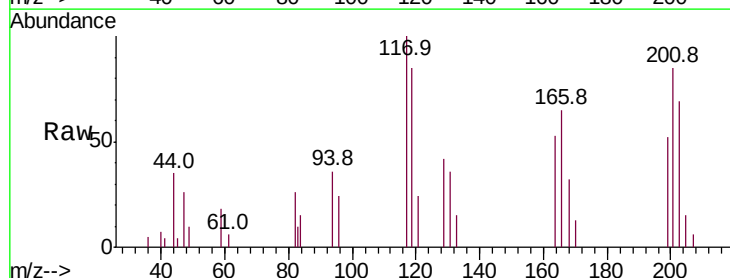
Acq: 11 Sep 2018 12:34

Tgt Ion: 117 Resp: 1617

Ion Ratio Lower Upper

117 100

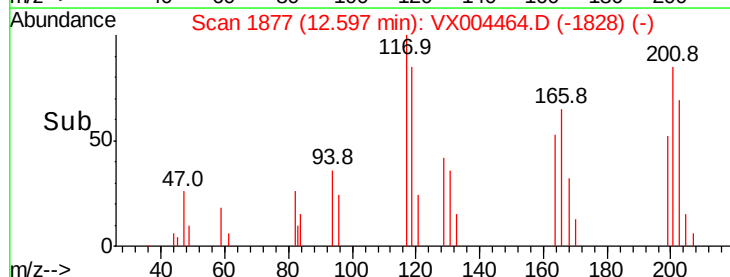
201 97.0 46.9 140.6

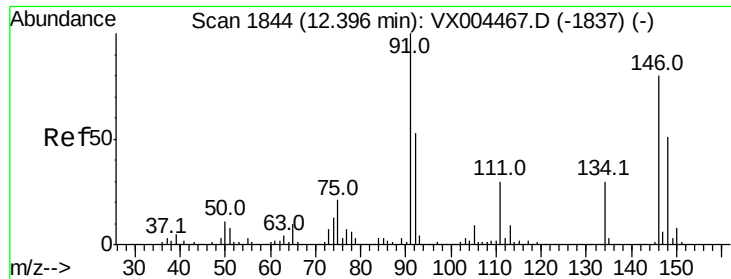


Abundance Ion 116.80 (116.50 to 117.50): VX004464.D (-1867) (-)

Ion 200.70 (200.40 to 201.40): VX004464.D (-1867) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 1.046 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

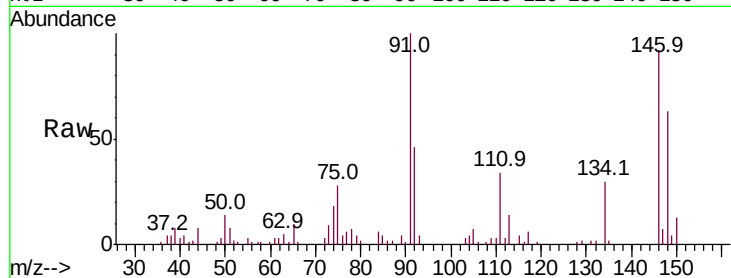
Tot Ion:146 Resp: 6293

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

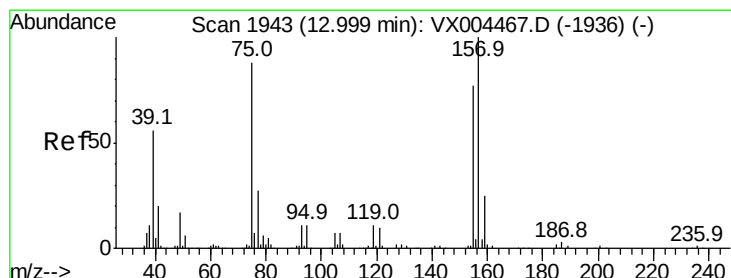
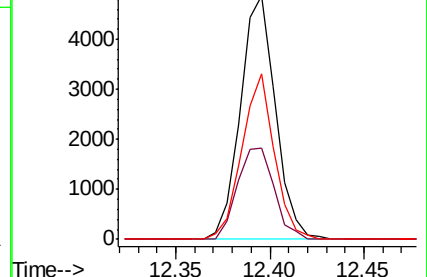
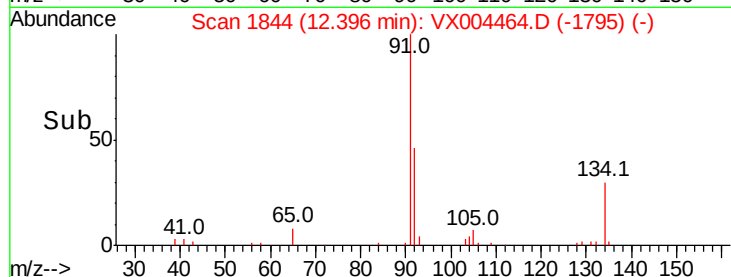
148 62.7 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.848 ug/l

RT: 13.01 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

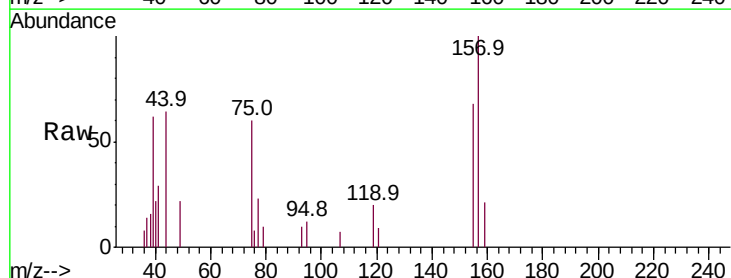
Tgt Ion: 75 Resp: 673

Ion Ratio Lower Upper

75 100

155 106.5 48.0 144.2

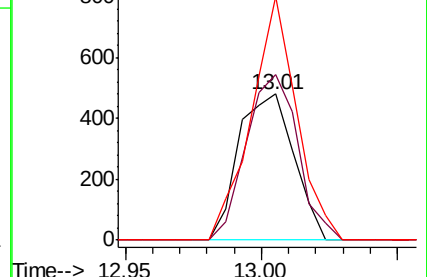
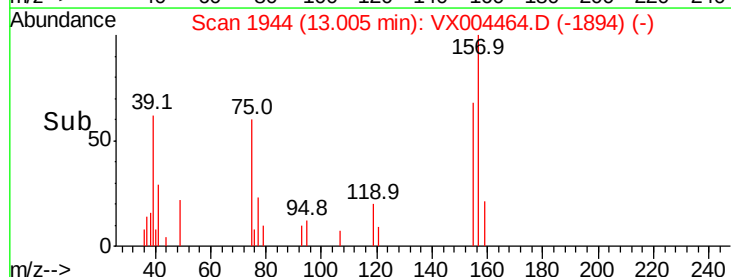
157 136.8 61.4 184.1

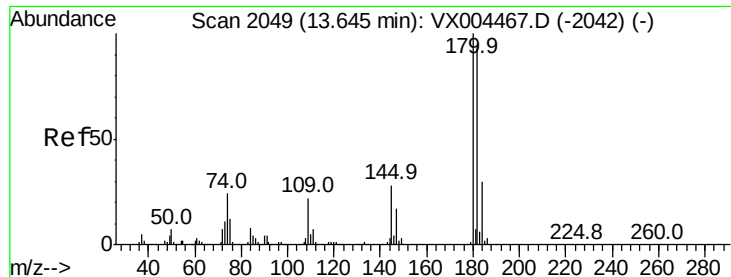


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

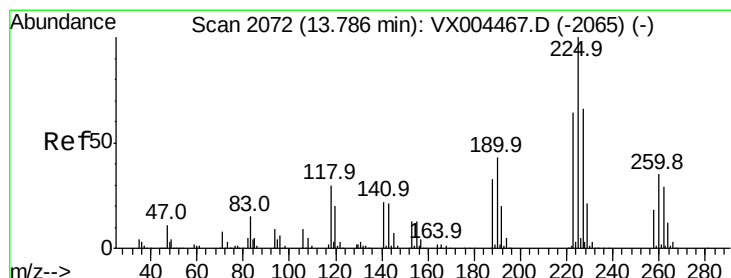
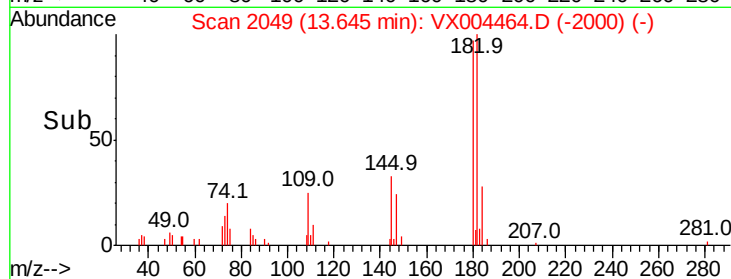
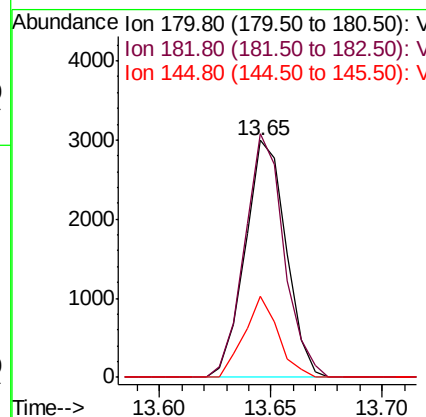
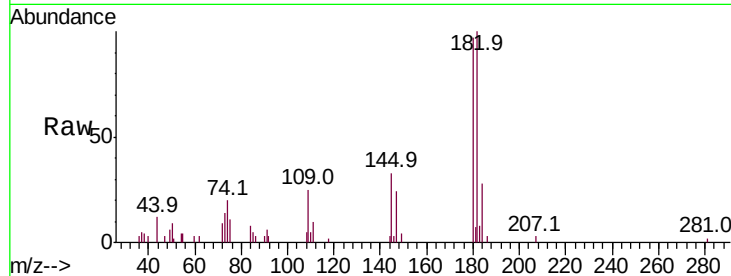




#93
 1,2,4-Trichlorobenzene
 Concen: 0.900 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

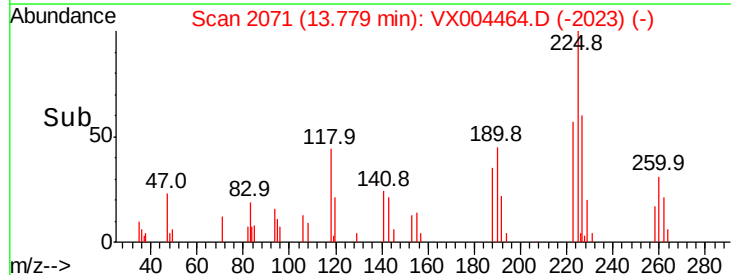
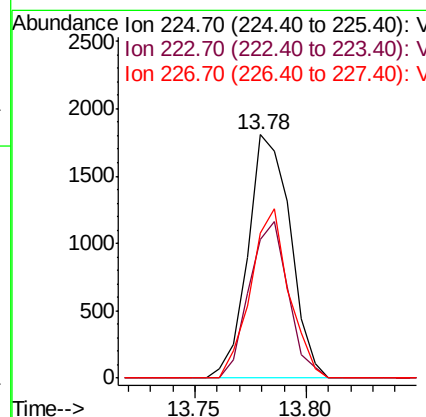
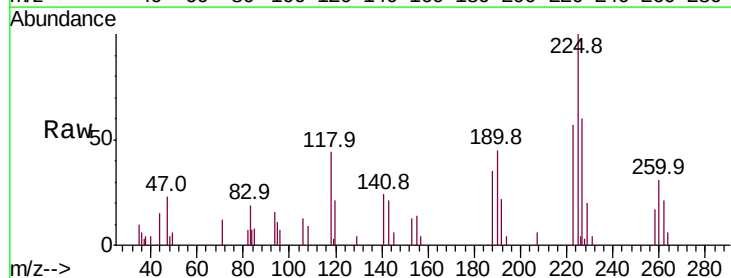
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

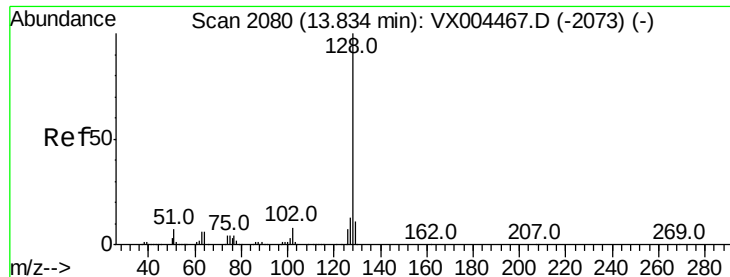
Tot Ion:180 Resp: 3835
 Ion Ratio Lower Upper
 180 100
 182 98.8 48.4 145.0
 145 28.7 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 1.081 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004464.D
 Acq: 11 Sep 2018 12:34

Tgt Ion:225 Resp: 2406
 Ion Ratio Lower Upper
 225 100
 223 59.0 30.1 90.5
 227 62.8 30.8 92.4





#95

Naphthalene

Concen: 0.819 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

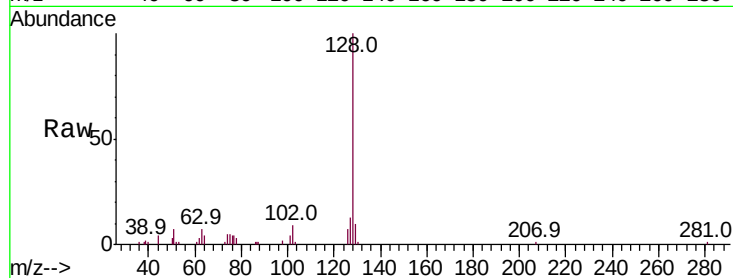
Tot Ion:128 Resp: 9782

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

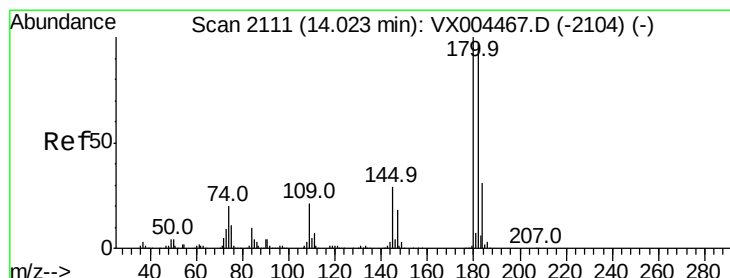
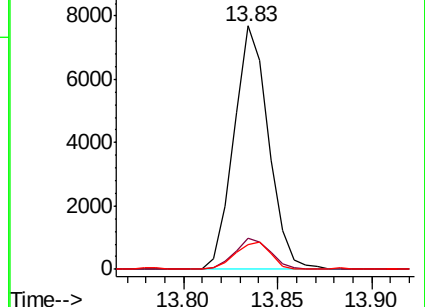
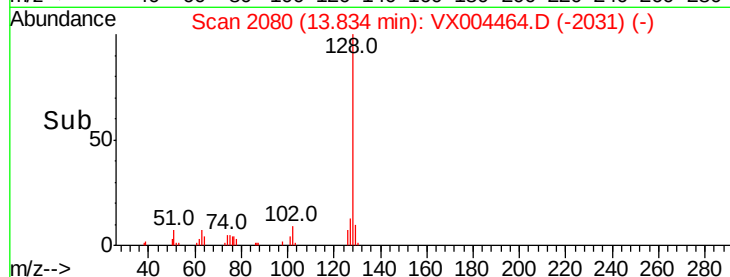
129 11.4 8.6 12.8



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: 0.984 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX004464.D

Acq: 11 Sep 2018 12:34

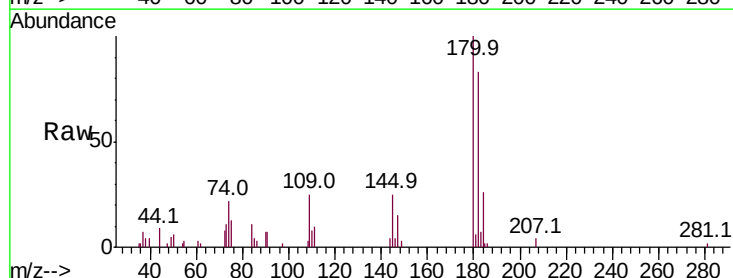
Tgt Ion:180 Resp: 4306

Ion Ratio Lower Upper

180 100

182 92.2 48.5 145.6

145 27.8 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

