

Data File : VX002257.D
Acq On : 04 Jun 2018 11:52
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jun 05 02:09:00 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 02:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	454309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	285680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	448533	90.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.02%	
35) Dibromofluoromethane	5.51	113	353613	98.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.96%	
50) Toluene-d8	8.72	98	1363595	99.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.16%	
62) 4-Bromofluorobenzene	11.14	95	544668	103.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.28%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	345410	104.29	ug/l	99
3) Chloromethane	1.32	50	378325	86.80	ug/l	100
4) Vinyl Chloride	1.41	62	399938	95.81	ug/l	99
5) Bromomethane	1.64	94	229389	69.14	ug/l	98
6) Chloroethane	1.71	64	246457	91.27	ug/l	100
7) Trichlorofluoromethane	1.92	101	644007	101.26	ug/l	99
8) Diethyl Ether	2.19	74	223738	86.36	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	358587	104.48	ug/l	100
10) Methyl Iodide	2.51	142	494846	102.50	ug/l	99
11) Tert butyl alcohol	3.09	59	441725	432.64	ug/l	100
12) 1,1-Dichloroethene	2.37	96	321327	94.73	ug/l	97
13) Acrolein	2.30	56	217486	442.23	ug/l	99
14) Allyl chloride	2.73	41	660173	89.69	ug/l	100
15) Acrylonitrile	3.15	53	940584	432.82	ug/l	100
16) Acetone	2.45	43	952813	418.20	ug/l	100
17) Carbon Disulfide	2.57	76	879254	98.35	ug/l	98
18) Methyl Acetate	2.78	43	445462	82.87	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	1164025	86.63	ug/l	100
20) Methylene Chloride	2.86	84	354053	78.20	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	339543	90.78	ug/l	98
22) Diisopropyl ether	3.88	45	1224383	89.15	ug/l	100
23) Vinyl Acetate	3.83	43	5352093	448.52	ug/l	100
24) 1,1-Dichloroethane	3.70	63	657289	90.35	ug/l	99
25) 2-Butanone	4.71	43	1366873	437.54	ug/l	100
26) 2,2-Dichloropropane	4.59	77	533902	93.88	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	366929	90.20	ug/l	95
28) Bromochloromethane	5.03	49	307271	87.22	ug/l	98
29) Tetrahydrofuran	5.17	42	884754	439.26	ug/l	100
30) Chloroform	5.22	83	645895	92.00	ug/l	97
31) Cyclohexane	5.58	56	598495	104.03	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	590990	99.26	ug/l	100
36) 1,1-Dichloropropene	5.81	75	487330	102.04	ug/l	100
37) Ethyl Acetate	4.87	43	542727	94.49	ug/l	99
38) Carbon Tetrachloride	5.79	117	536582	107.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	612086	112.45	ug/l	99
40) Benzene	6.15	78	1413952	96.55	ug/l	99
41) Methacrylonitrile	5.07	41	307666	93.57	ug/l	99
42) 1,2-Dichloroethane	6.20	62	546510	93.93	ug/l	100
43) Isopropyl Acetate	6.47	43	937271	96.07	ug/l	100
44) Trichloroethene	7.22	130	408596	100.53	ug/l	98
45) 1,2-Dichloropropane	7.52	63	377575	95.51	ug/l	100
46) Dibromomethane	7.67	93	253651	94.64	ug/l	100
47) Bromodichloromethane	7.90	83	499045	102.96	ug/l	97
48) Methyl methacrylate	7.78	41	480515	98.05	ug/l	100
49) 1,4-Dioxane	7.76	88	172501	1882.64	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	2940422	483.99	ug/l	100
52) Toluene	8.79	92	931667	100.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	610618	105.05	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	588271	107.27	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	371792	97.05	ug/l	99
56) Ethyl methacrylate	9.19	69	601643	98.37	ug/l	100
57) 1,3-Dichloropropane	9.38	76	613447	95.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1400764	494.85	ug/l	99
59) 2-Hexanone	9.51	43	2281299	486.14	ug/l	99
60) Dibromochloromethane	9.59	129	427321	110.90	ug/l	100
61) 1,2-Dibromoethane	9.68	107	395967	99.13	ug/l	99
64) Tetrachloroethene	9.34	164	450288	99.68	ug/l	99
65) Chlorobenzene	10.15	112	1061515	97.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	403486	102.24	ug/l	100
67) Ethyl Benzene	10.26	91	1859301	101.94	ug/l	99
68) m/p-Xylenes	10.37	106	1451404	204.70	ug/l	99
69) o-Xylene	10.70	106	708280	100.38	ug/l	99
70) Styrene	10.72	104	1204801	104.45	ug/l	100
71) Bromoform	10.87	173	355728	113.70	ug/l	100
73) Isopropylbenzene	11.02	105	1930630	97.15	ug/l	100
74) N-amyl acetate	6.47	43	937271	87.53	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	557925	89.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	702675	122.62	ug/l	78
77) Bromobenzene	11.26	156	526399	94.35	ug/l	99
78) n-propylbenzene	11.37	91	2224316	100.70	ug/l	99
79) 2-Chlorotoluene	11.43	91	1306805	93.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1661700	97.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	189221	105.81	ug/l	98
82) 4-Chlorotoluene	11.52	91	1563861	97.14	ug/l	100
83) tert-Butylbenzene	11.77	119	1616656	97.40	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1703066	97.06	ug/l	100
85) sec-Butylbenzene	11.95	105	2000312	102.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	1824326	102.92	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	963209	96.56	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	975713	94.89	ug/l	99
89) n-Butylbenzene	12.39	91	1627809	109.50	ug/l	99
90) Hexachloroethane	12.60	117	305985	108.14	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	965531	93.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	137563	100.64	ug/l	98

Data Path : Y:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060418\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	719060	99.36	ug/l	100
94) Hexachlorobutadiene	13.79	225	388538	108.64	ug/l	99
95) Naphthalene	13.84	128	2002913	96.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	719137	97.43	ug/l	100

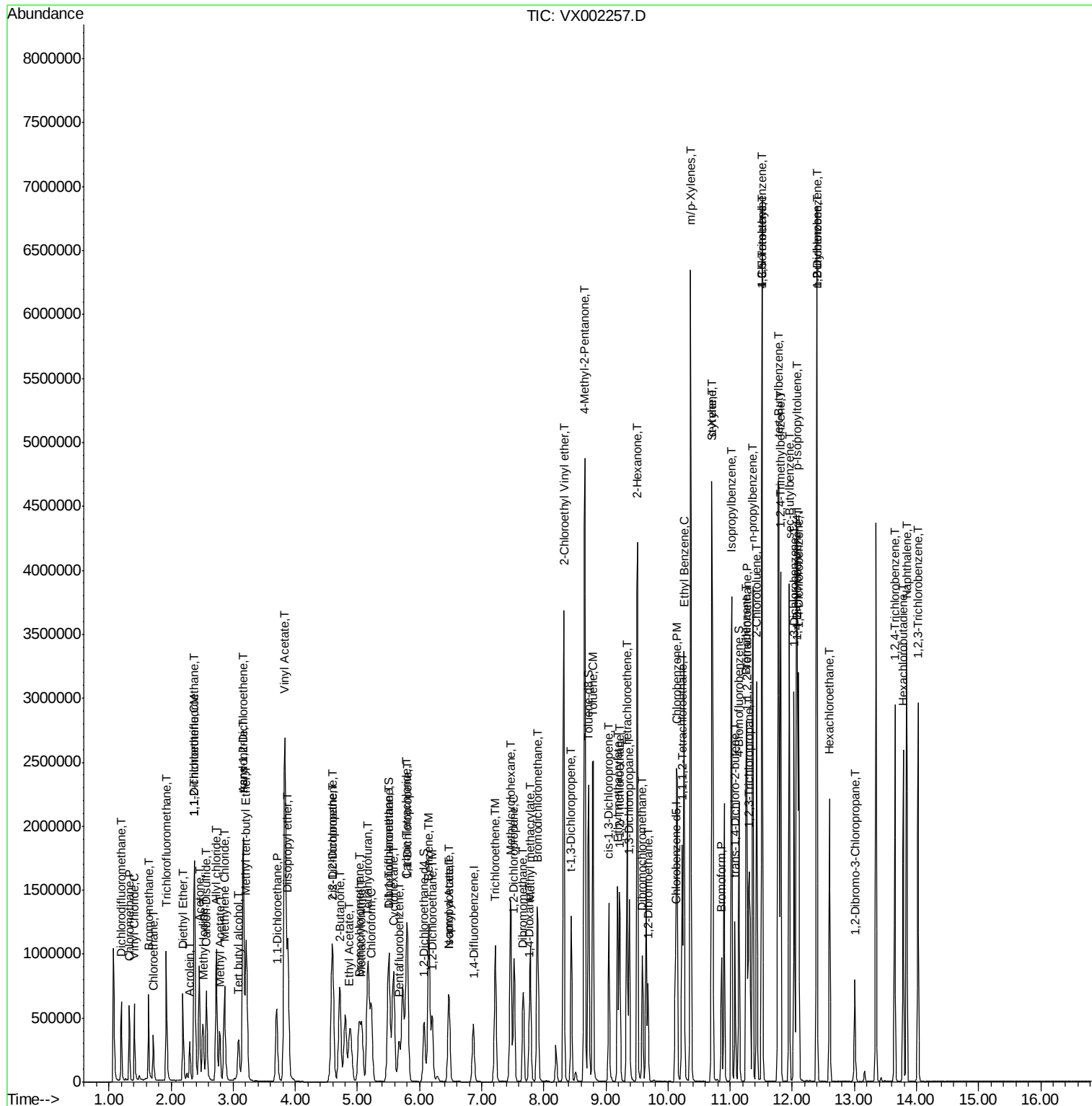
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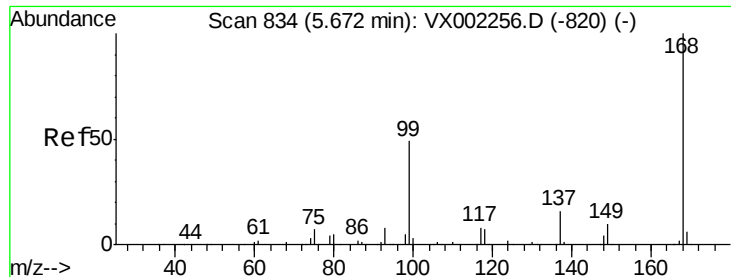
Data File : VX002257.D

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ALS Vial     : 6      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jun 05 02:09:00 2018
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

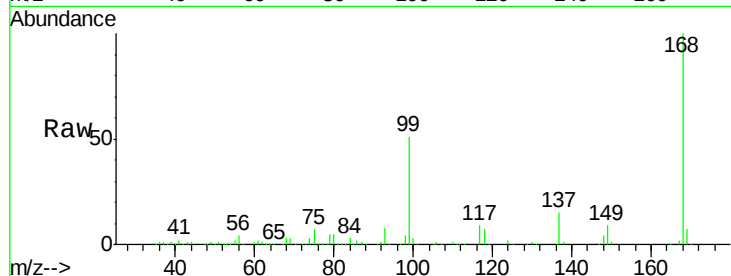
VSTDICC100

Tgt Ion:168 Resp: 318617

Ion Ratio Lower Upper

168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

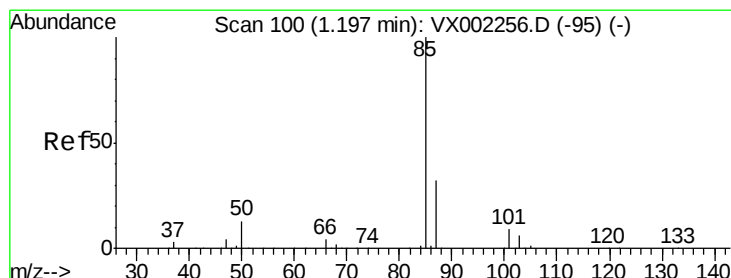
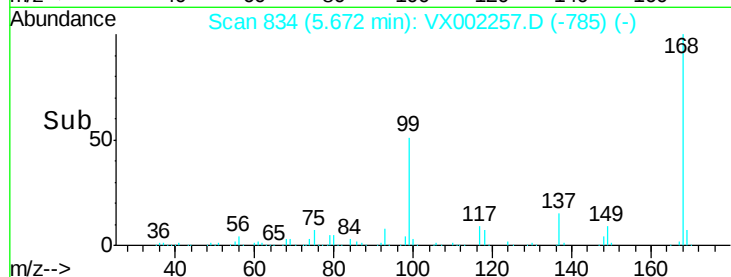
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 104.29 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002257.D

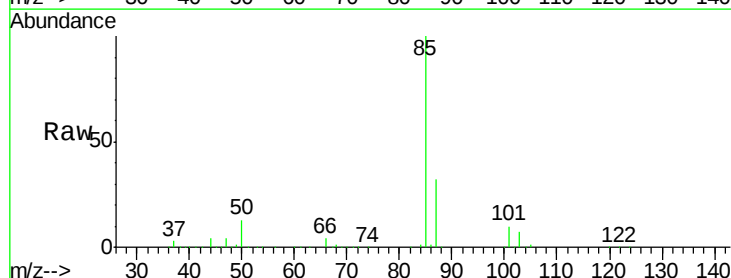
Acq: 04 Jun 2018 11:52

Tgt Ion: 85 Resp: 345410

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

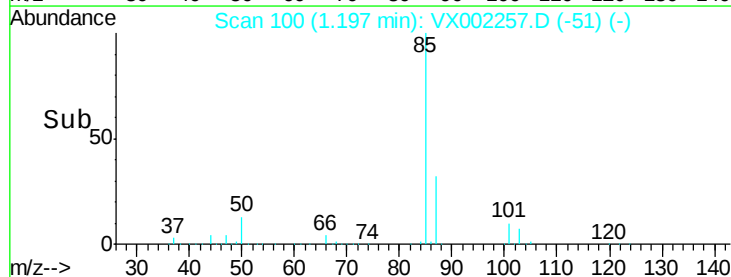
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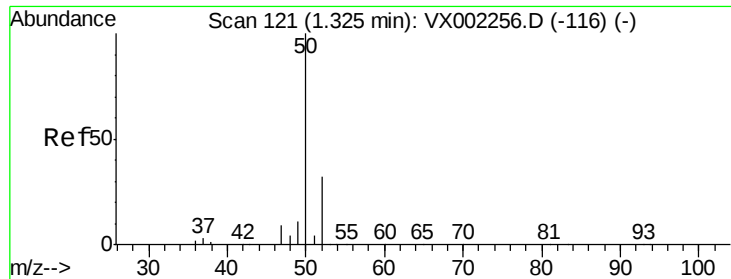
200000

100000

0

Time-->





#3

Chloromethane

Concen: 86.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

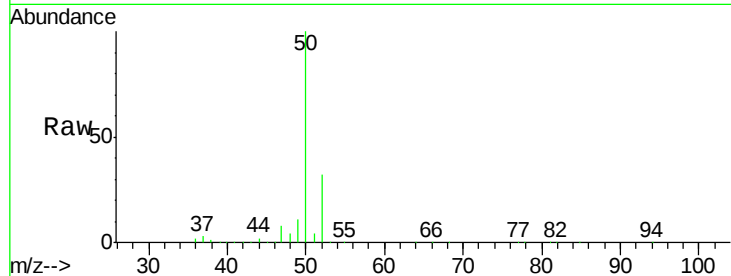
VSTDIC100

Tgt Ion: 50 Resp: 378325

Ion Ratio Lower Upper

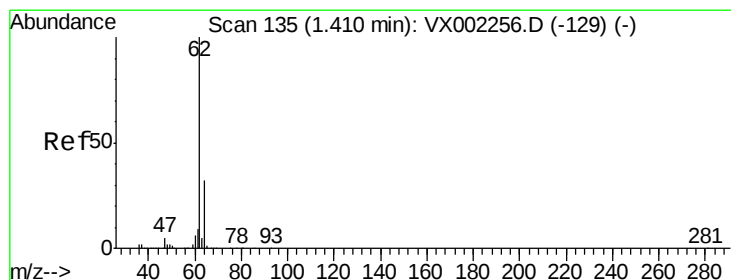
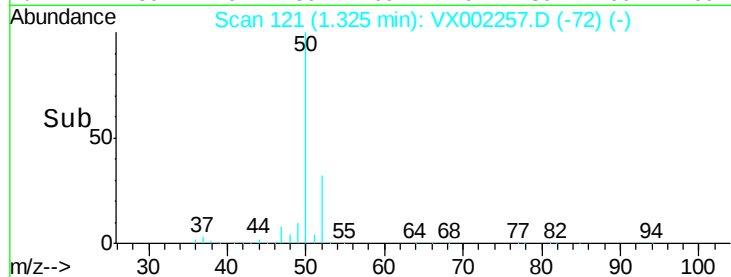
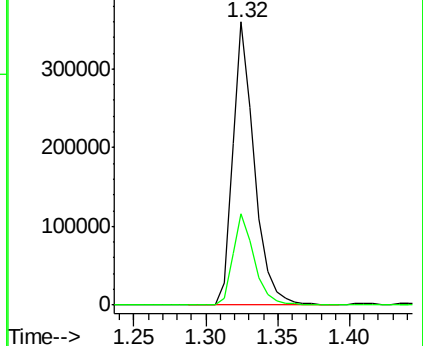
50 100

52 32.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 95.81 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002257.D

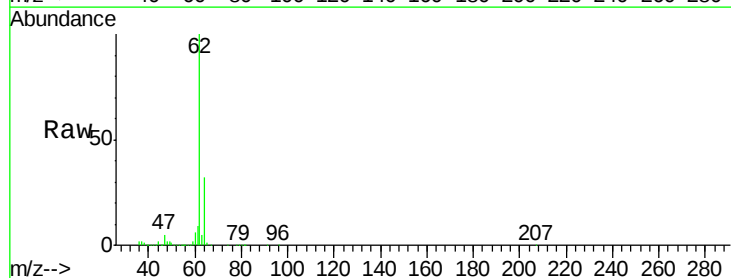
Acq: 04 Jun 2018 11:52

Tgt Ion: 62 Resp: 399938

Ion Ratio Lower Upper

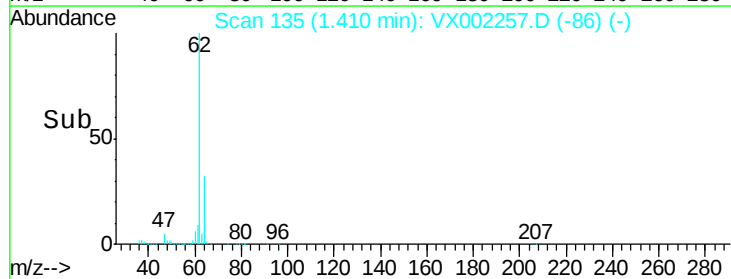
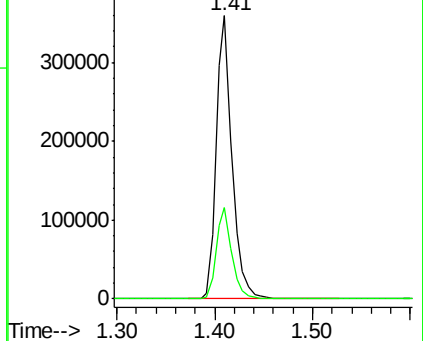
62 100

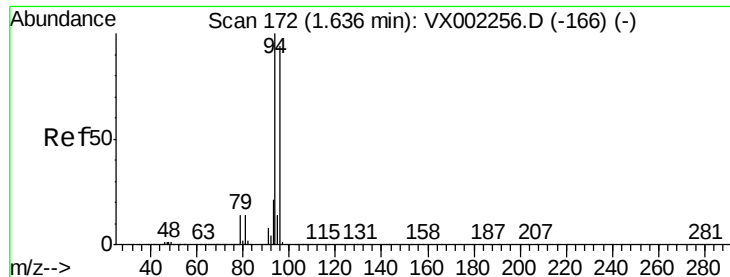
64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 69.14 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampled :

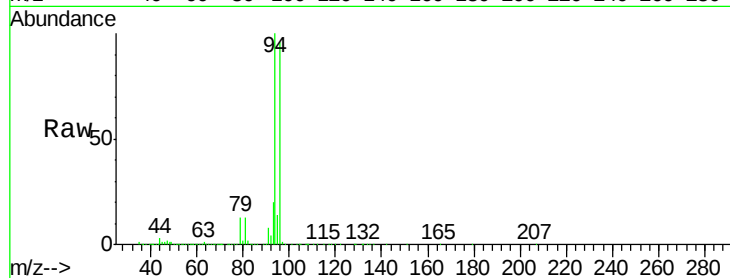
VSTDIC100

Tgt Ion: 94 Resp: 229389

Ion Ratio Lower Upper

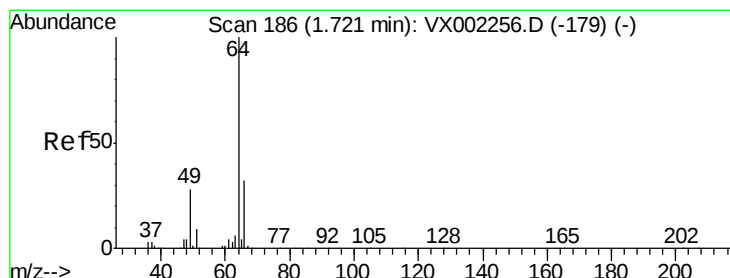
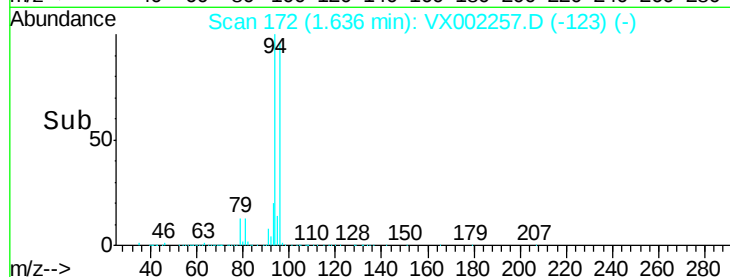
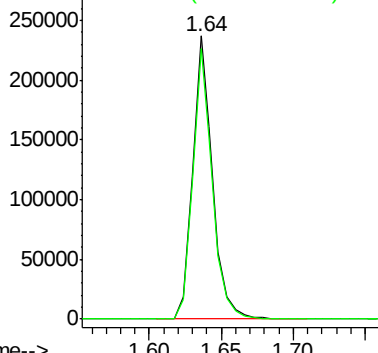
94 100

96 95.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 91.27 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX002257.D

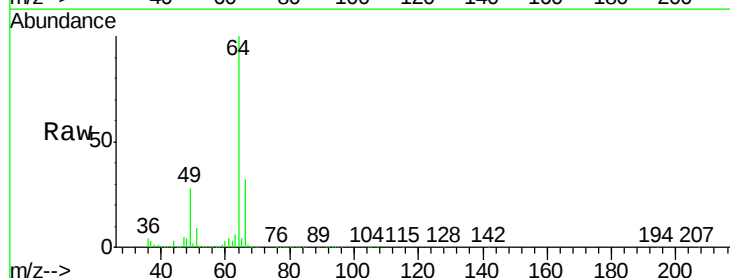
Acq: 04 Jun 2018 11:52

Tgt Ion: 64 Resp: 246457

Ion Ratio Lower Upper

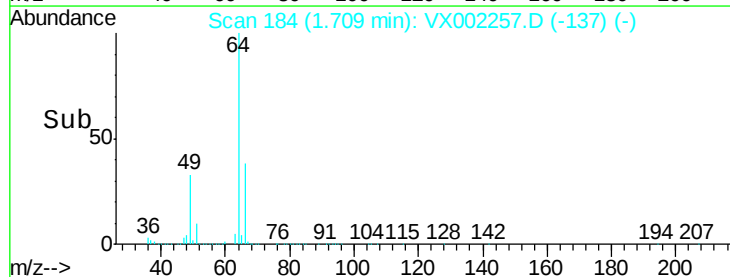
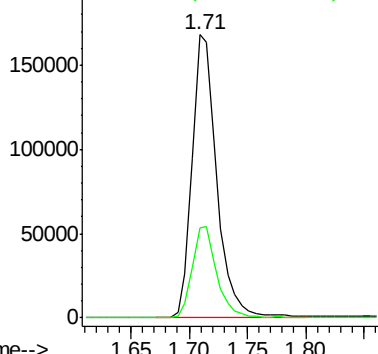
64 100

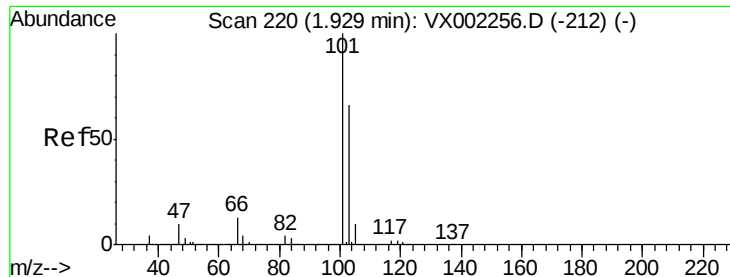
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



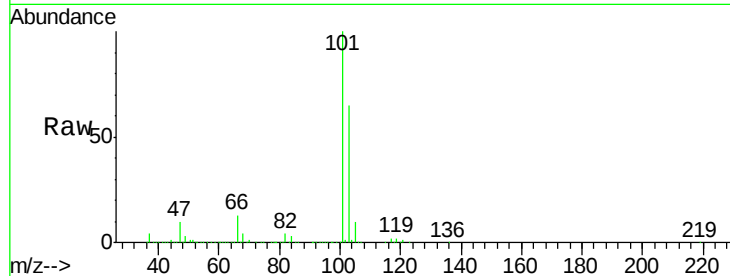


#7

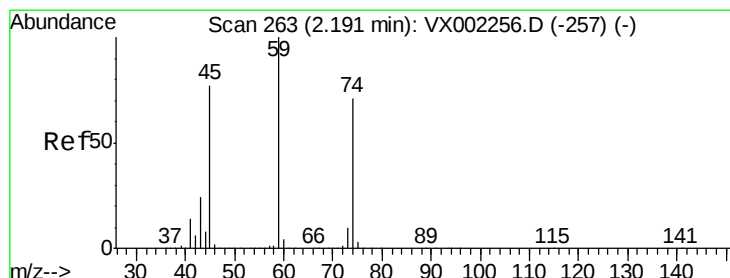
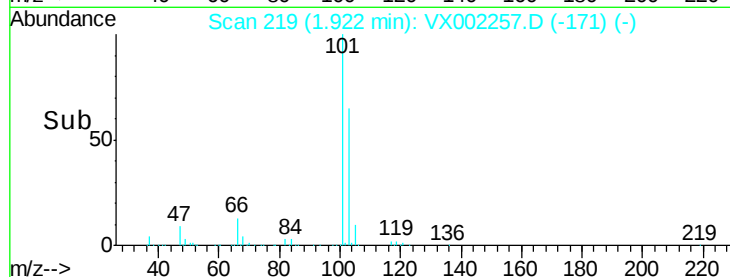
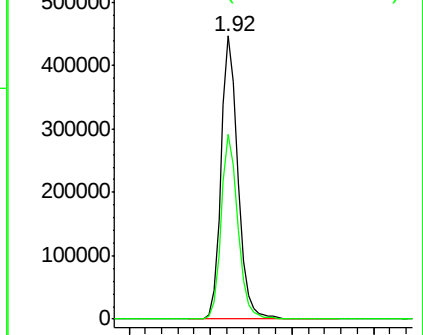
Trichlorofluoromethane
 Concen: 101.26 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 644007
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.8 79.2



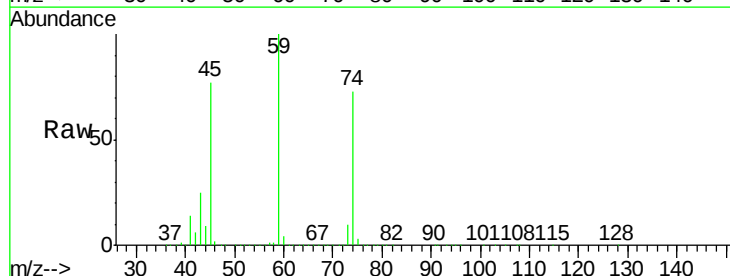
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



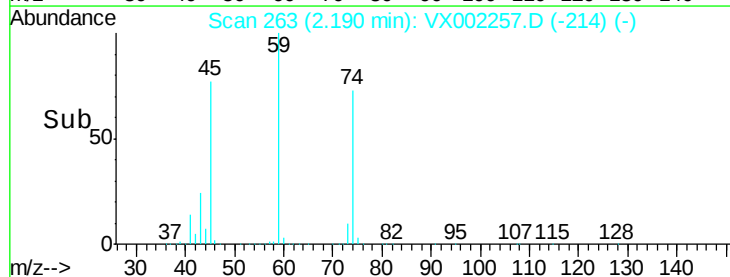
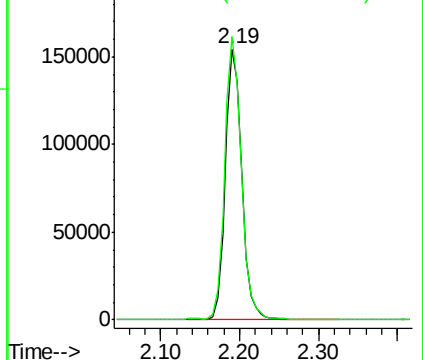
#8

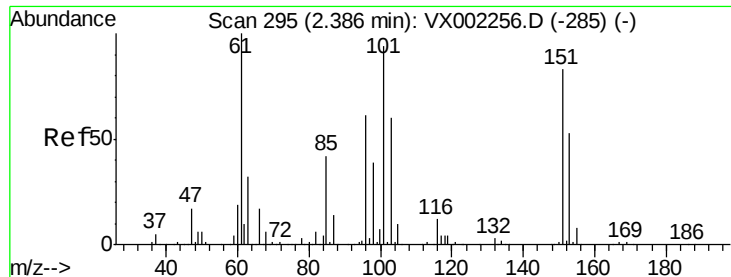
Diethyl Ether
 Concen: 86.36 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Tgt Ion: 74 Resp: 223738
 Ion Ratio Lower Upper
 74 100
 45 104.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 104.48 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

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VSTDIC100

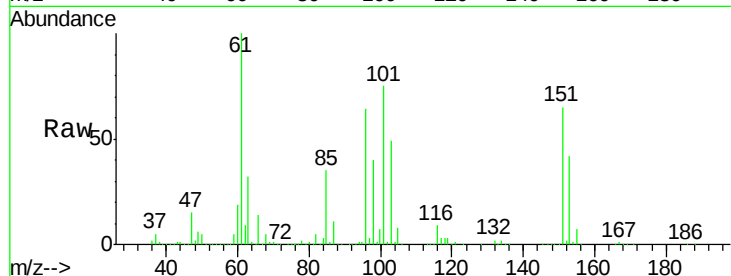
Tgt Ion:101 Resp: 358587

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

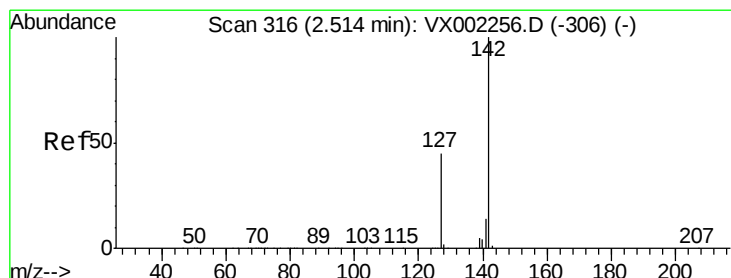
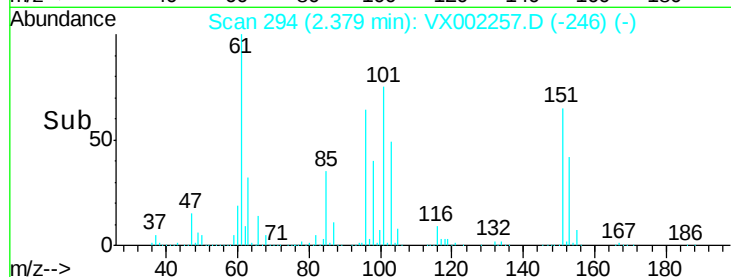
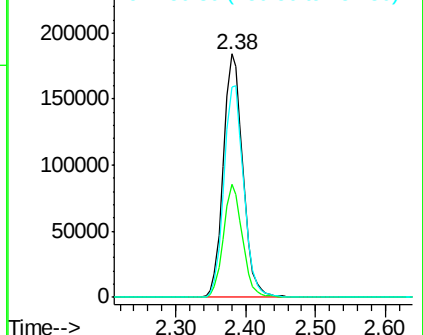
151 88.2 70.9 106.3



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: 102.50 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

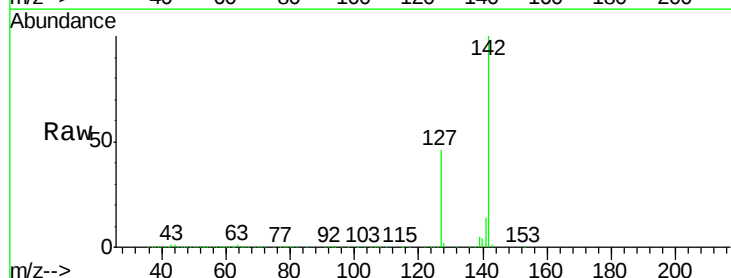
Tgt Ion:142 Resp: 494846

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

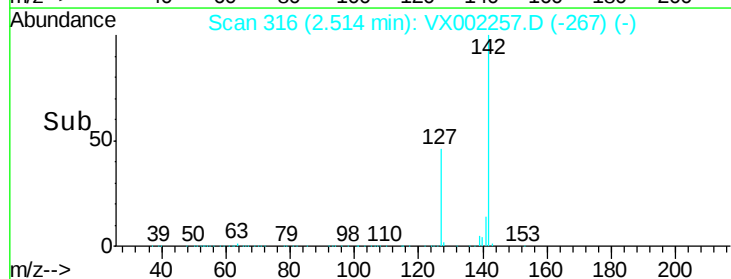
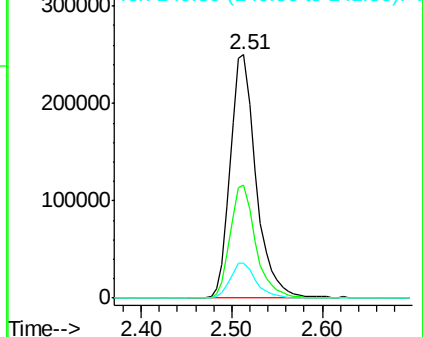
141 14.5 11.3 16.9

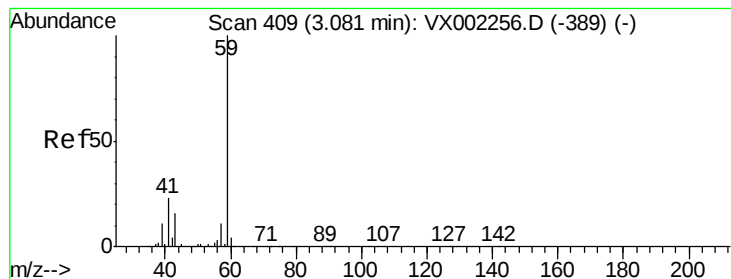


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



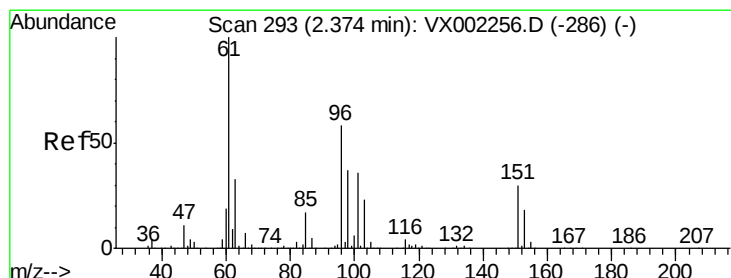
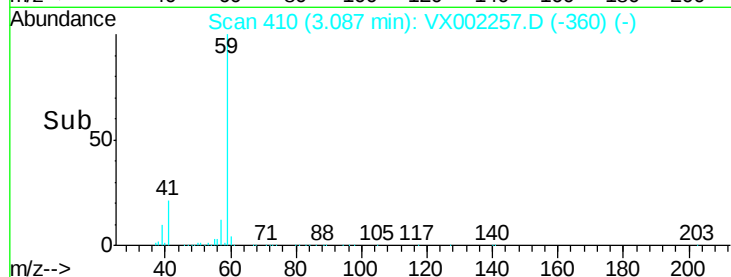
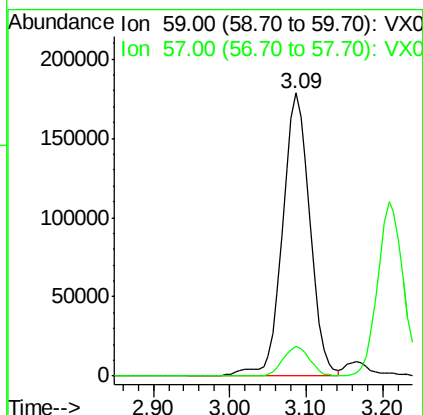
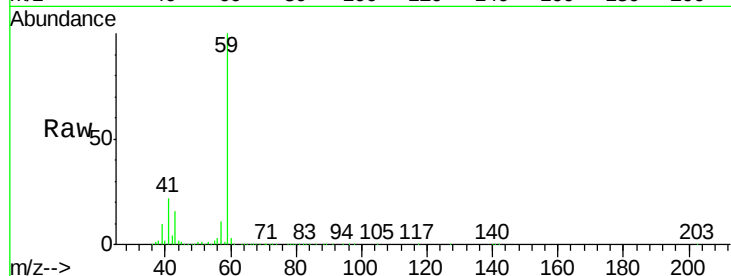


#11

Tert butyl alcohol
Concen: 432.64 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

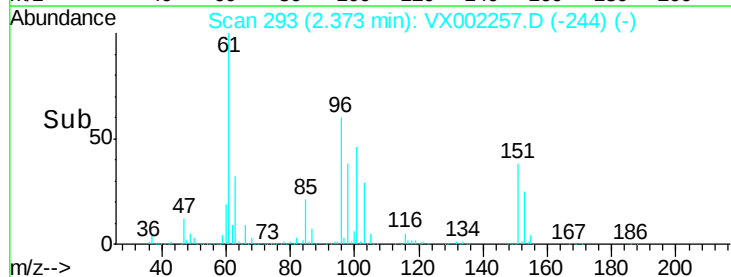
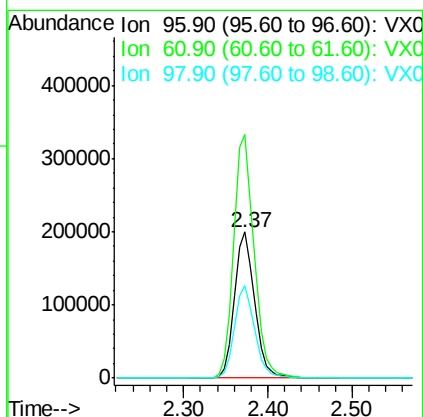
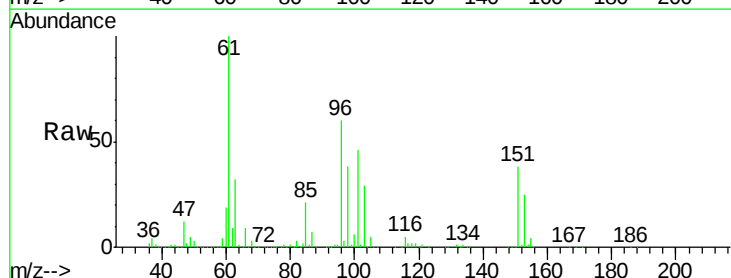
Tgt Ion: 59 Resp: 441725
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

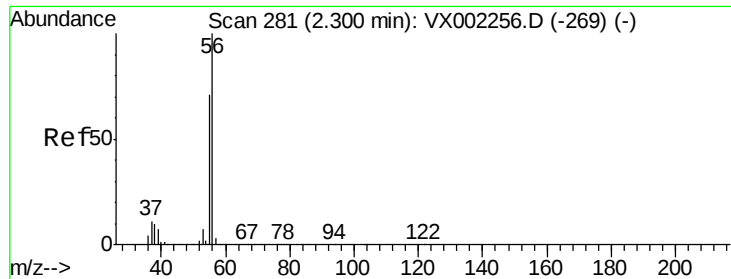


#12

1,1-Dichloroethene
Concen: 94.73 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion: 96 Resp: 321327
Ion Ratio Lower Upper
96 100
61 166.8 137.9 206.9
98 63.4 51.6 77.4

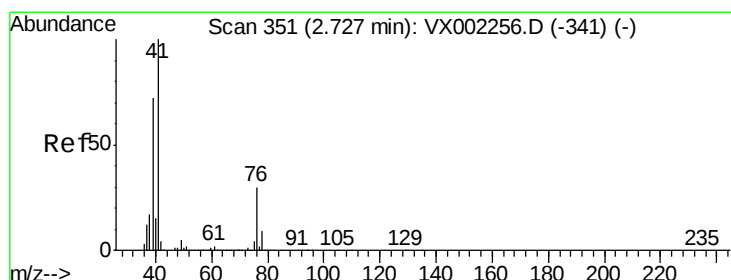
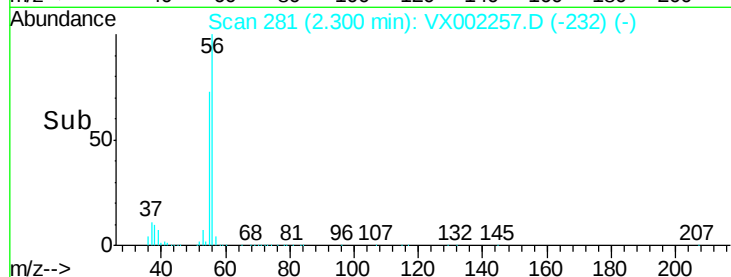
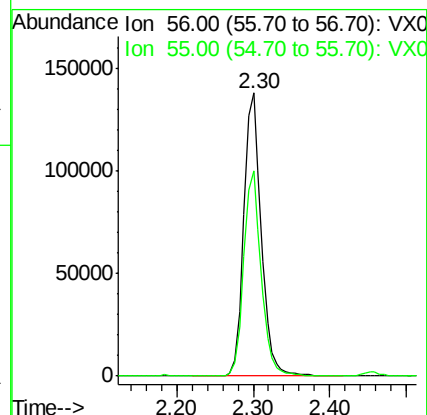
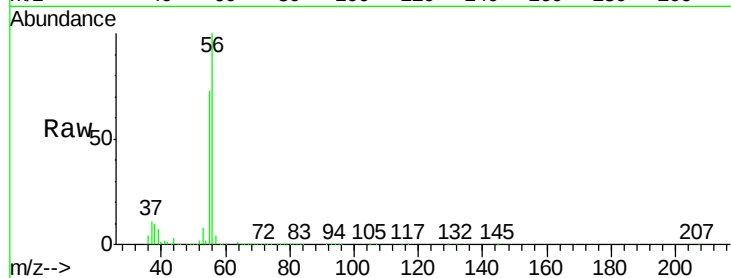




#13
 Acrolein
 Concen: 442.23 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

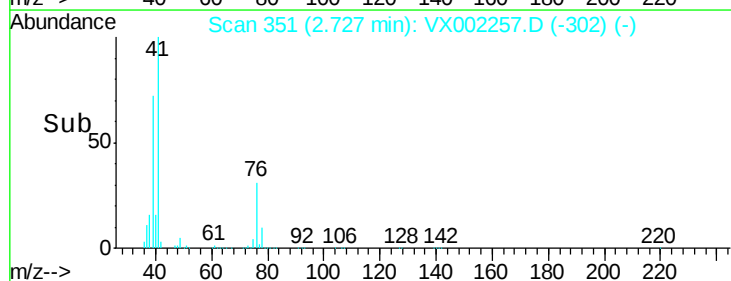
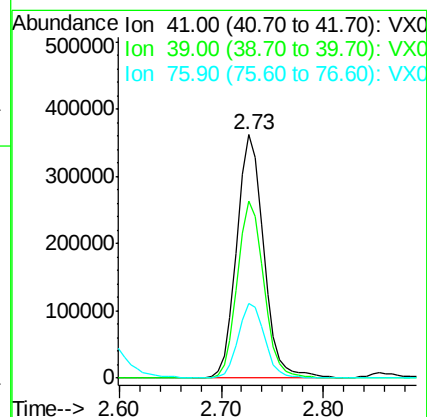
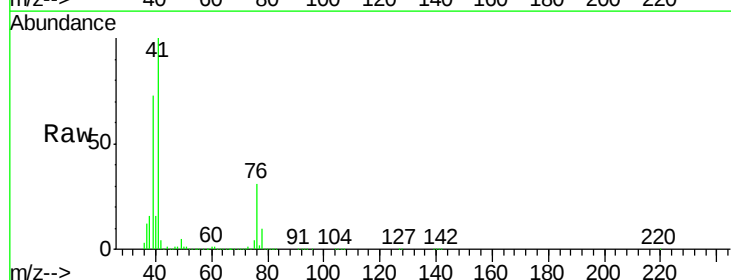
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

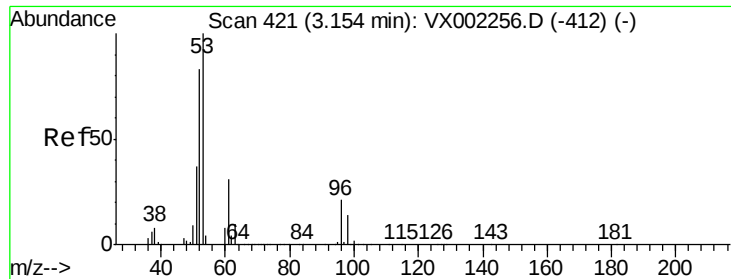
Tgt Ion: 56 Resp: 217486
 Ion Ratio Lower Upper
 56 100
 55 72.0 57.0 85.4



#14
 Allyl chloride
 Concen: 89.69 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Tgt Ion: 41 Resp: 660173
 Ion Ratio Lower Upper
 41 100
 39 71.3 56.8 85.2
 76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 432.82 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

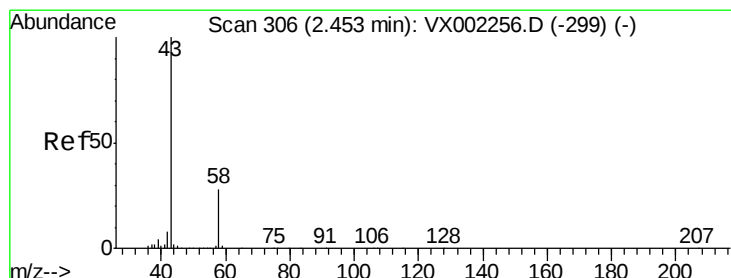
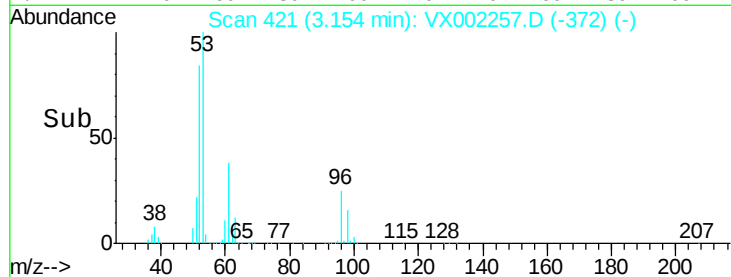
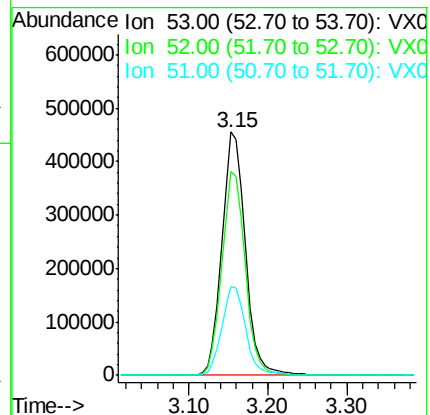
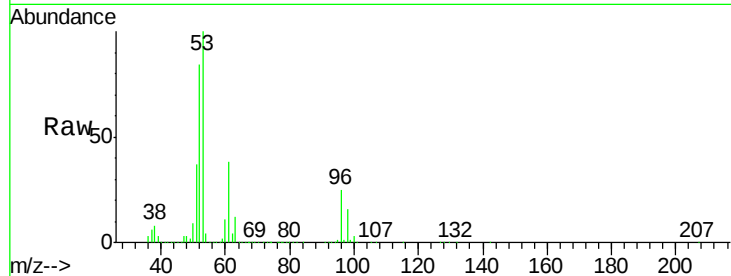
Tgt Ion: 53 Resp: 940584

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

51 37.2 29.9 44.9



#16

Acetone

Concen: 418.20 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002257.D

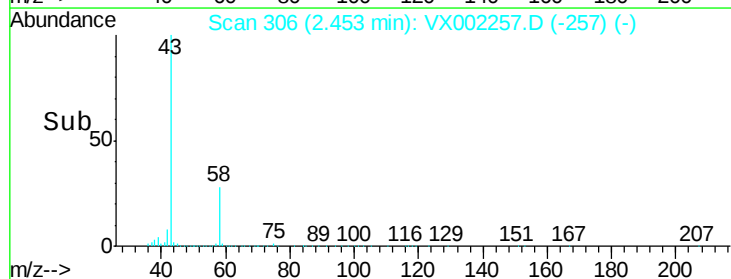
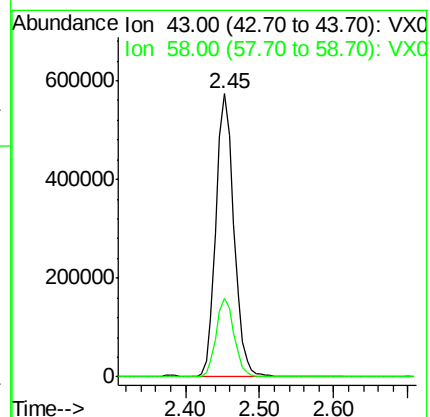
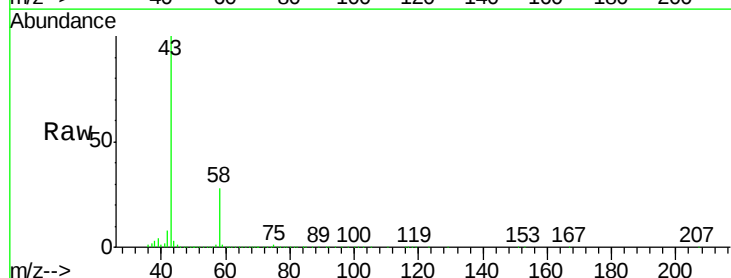
Acq: 04 Jun 2018 11:52

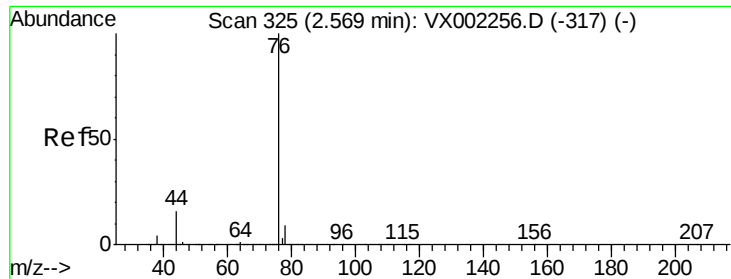
Tgt Ion: 43 Resp: 952813

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1

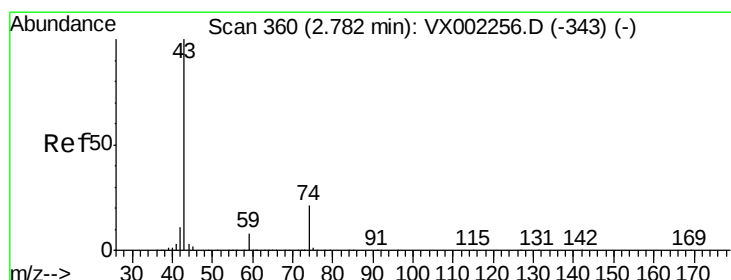
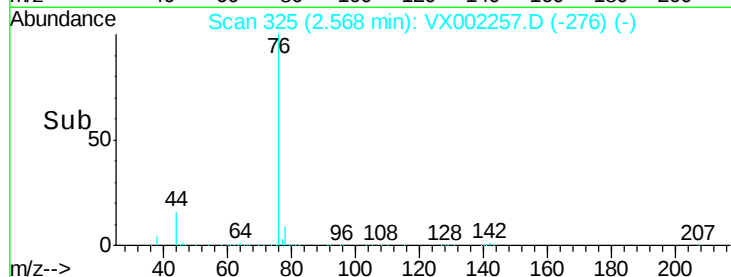
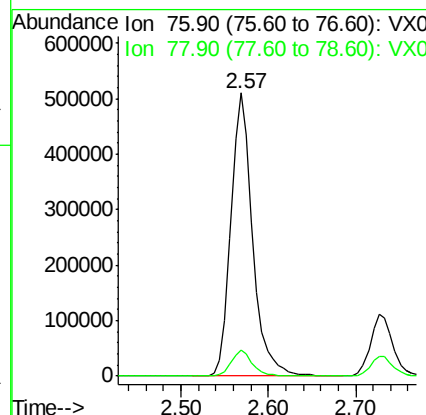
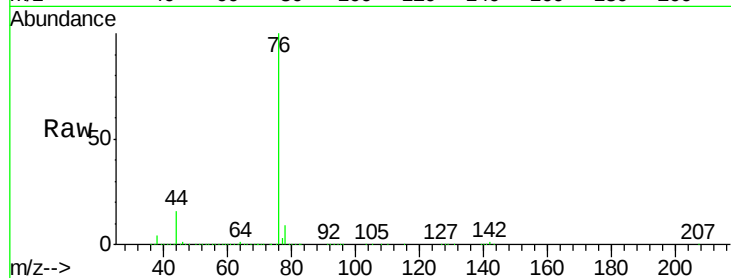




#17
Carbon Disulfide
Concen: 98.35 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

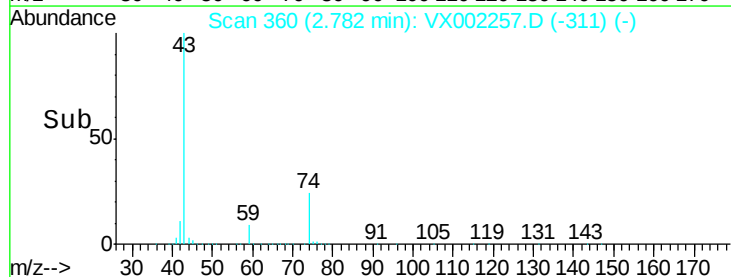
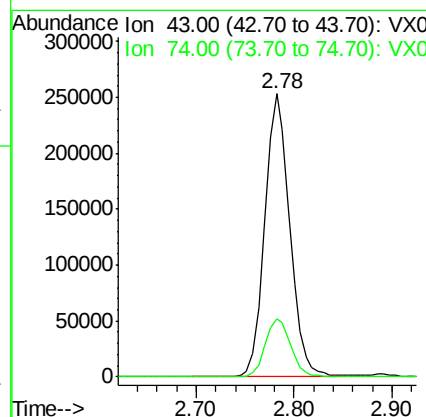
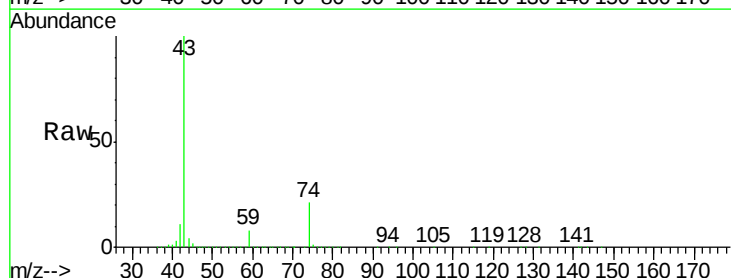
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

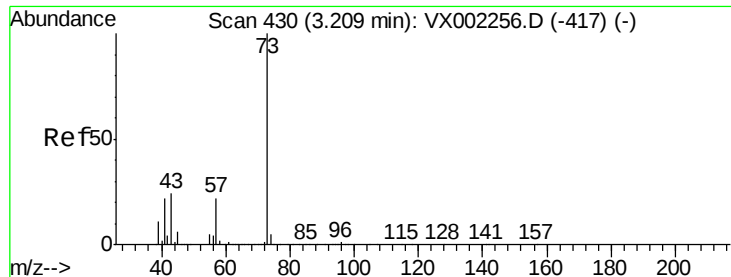
Tgt Ion: 76 Resp: 879254
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 82.87 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion: 43 Resp: 445462
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1

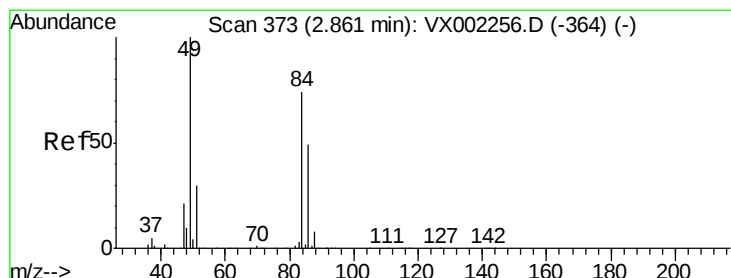
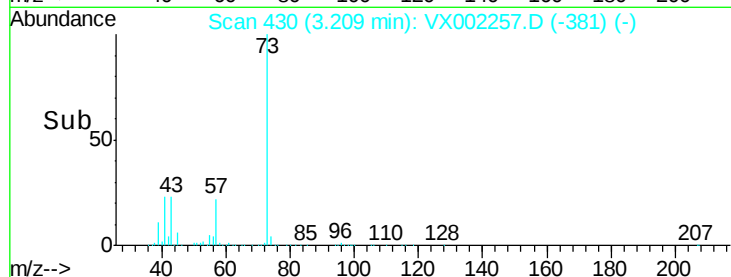
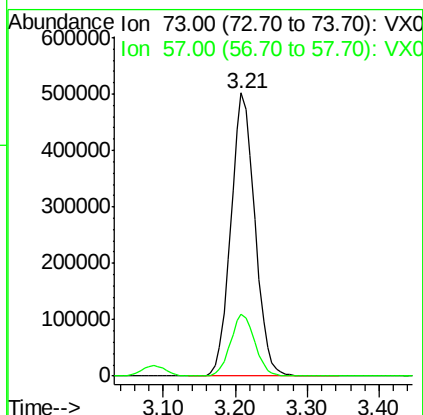
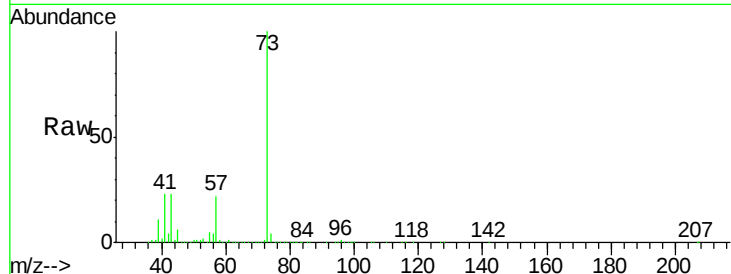




#19
Methyl tert-butyl Ether
Concen: 86.63 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

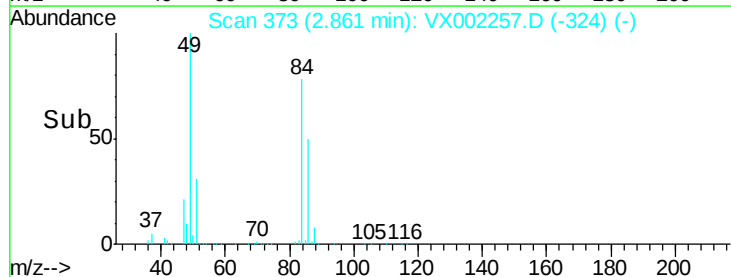
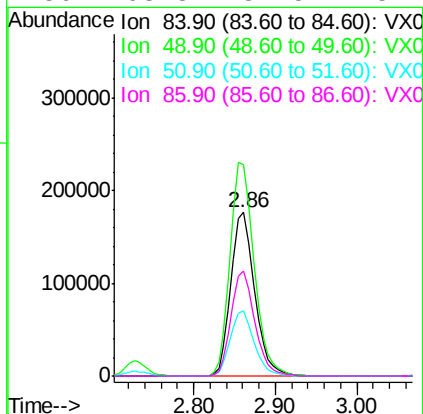
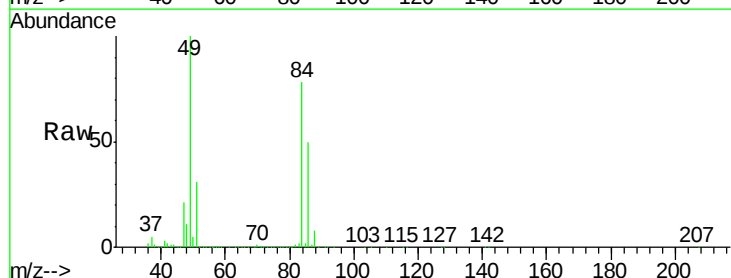
Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

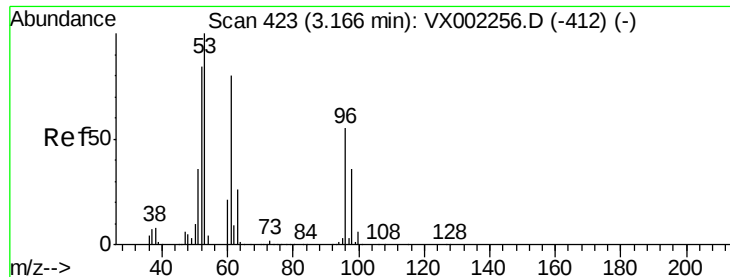
Tgt Ion: 73 Resp: 1164025
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 78.20 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion: 84 Resp: 354053
Ion Ratio Lower Upper
84 100
49 128.6 107.8 161.6
51 39.8 32.8 49.2
86 63.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 90.78 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

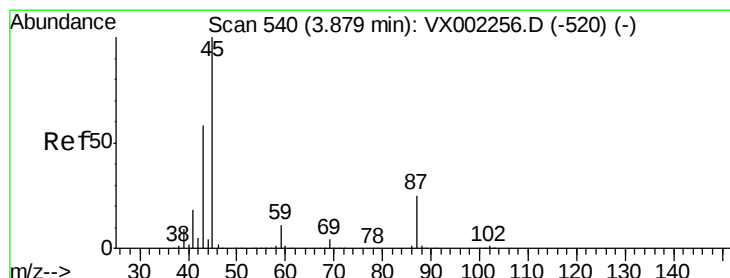
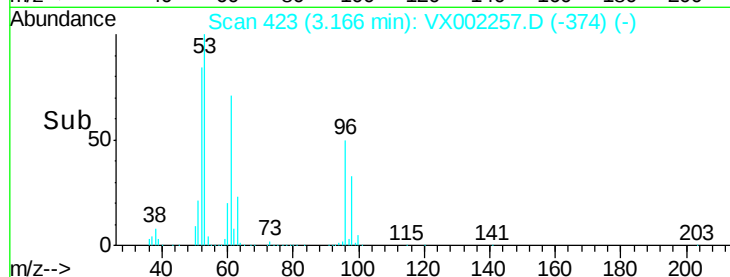
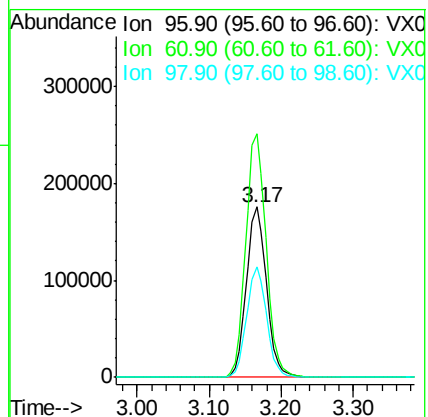
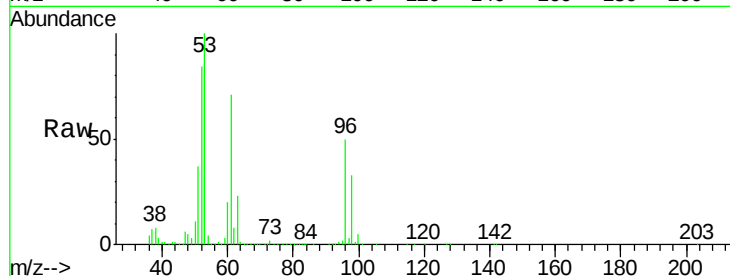
Tgt Ion: 96 Resp: 339543

Ion Ratio Lower Upper

96 100

61 142.8 117.0 175.4

98 65.2 52.4 78.6



#22

Diisopropyl ether

Concen: 89.15 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Tgt Ion: 45 Resp: 1224383

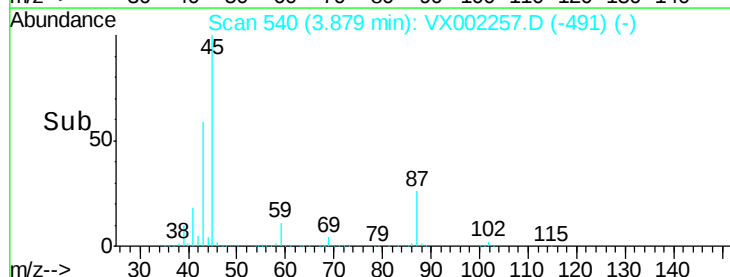
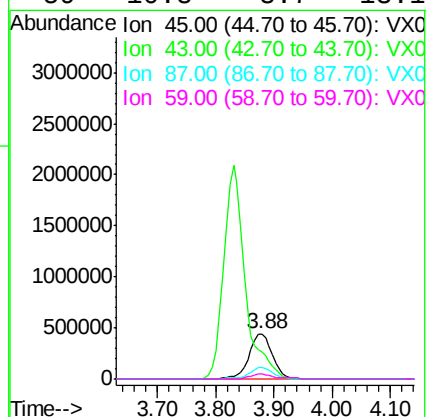
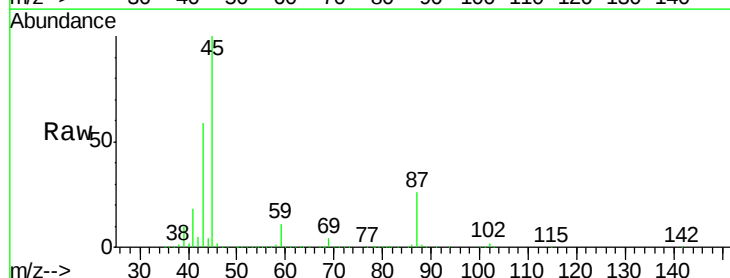
Ion Ratio Lower Upper

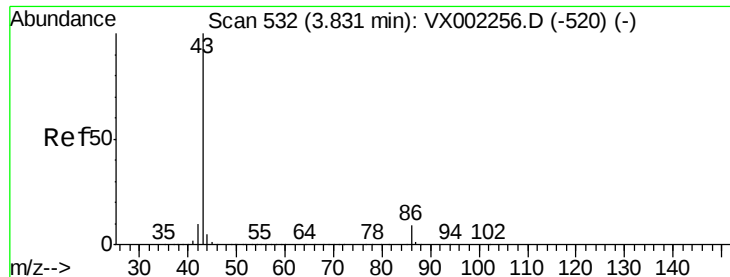
45 100

43 58.8 46.8 70.2

87 25.5 20.2 30.4

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 448.52 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

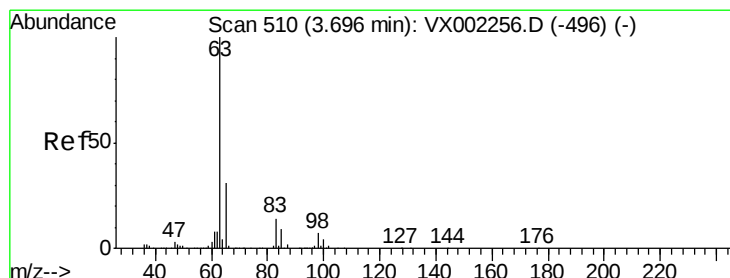
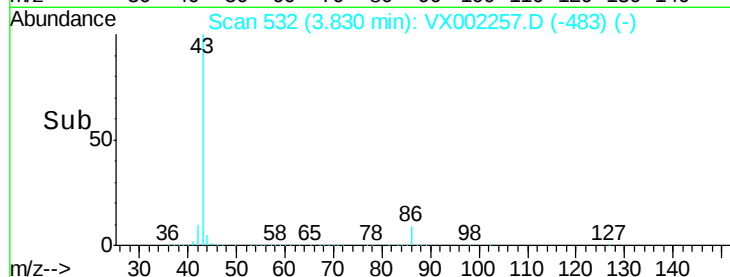
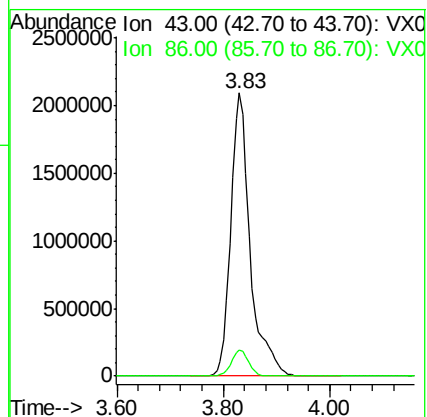
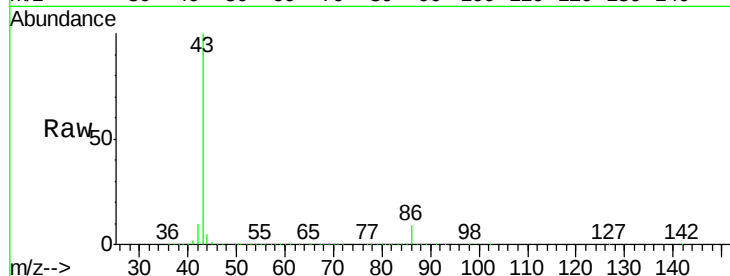
VSTDICC100

Tgt Ion: 43 Resp: 5352093

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 90.35 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

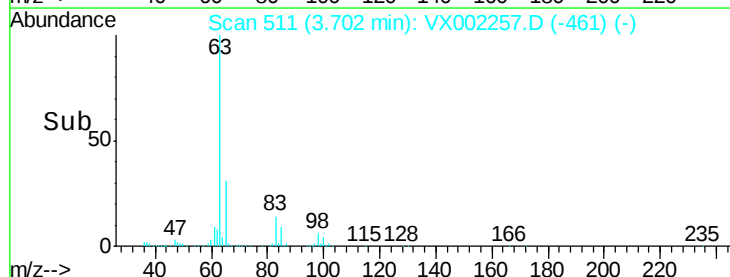
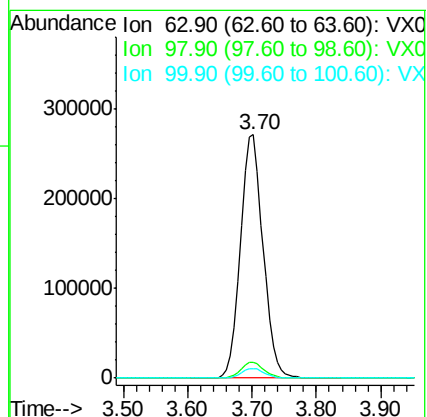
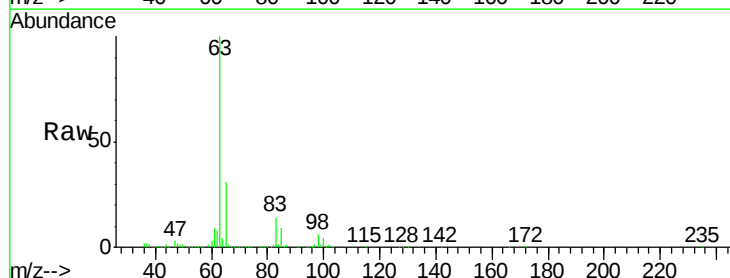
Tgt Ion: 63 Resp: 657289

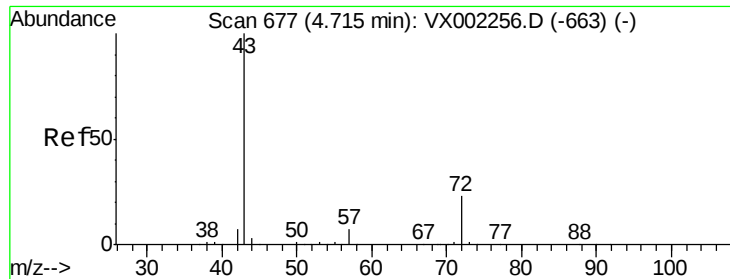
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 437.54 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

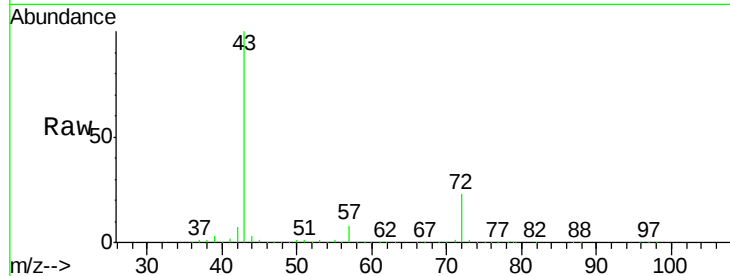
VSTDIC100

Tgt Ion: 43 Resp: 1366873

Ion Ratio Lower Upper

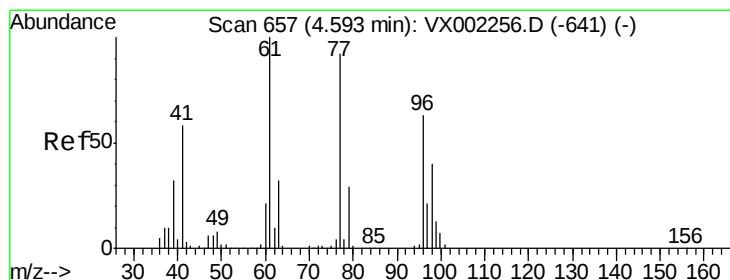
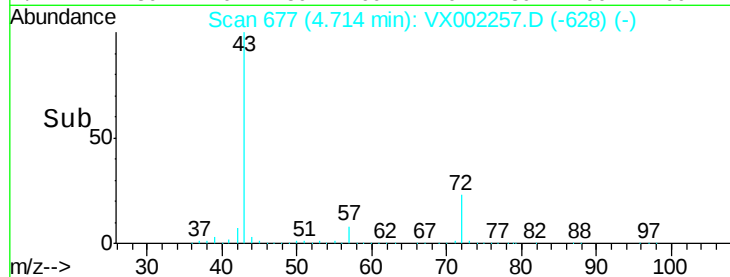
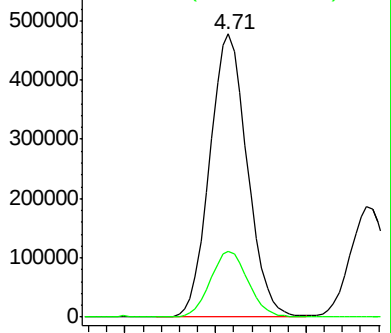
43 100

72 23.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 93.88 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002257.D

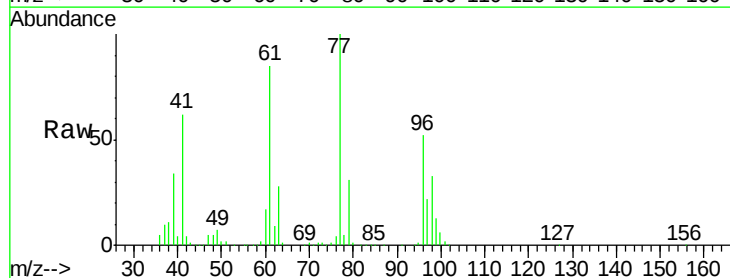
Acq: 04 Jun 2018 11:52

Tgt Ion: 77 Resp: 533902

Ion Ratio Lower Upper

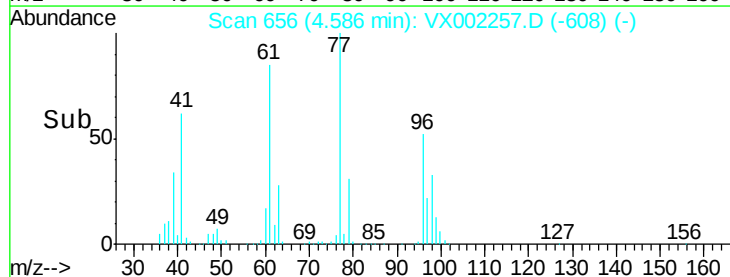
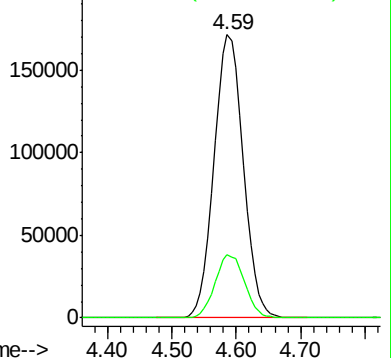
77 100

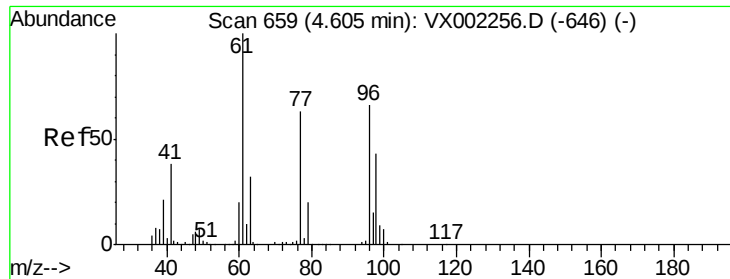
97 22.5 11.2 33.5



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: 90.20 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

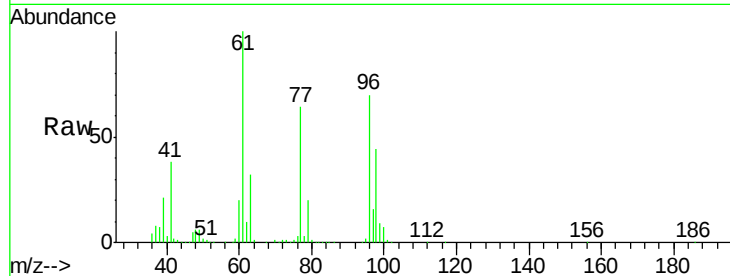
Tgt Ion: 96 Resp: 366929

Ion Ratio Lower Upper

96 100

61 157.5 0.0 330.2

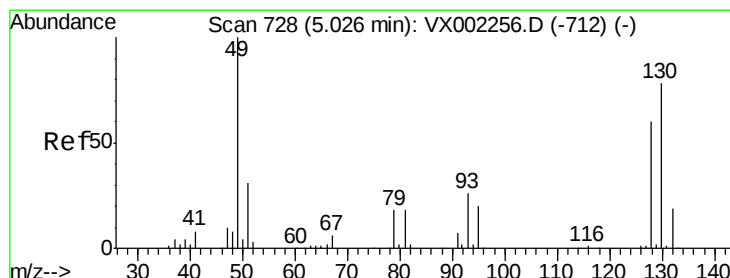
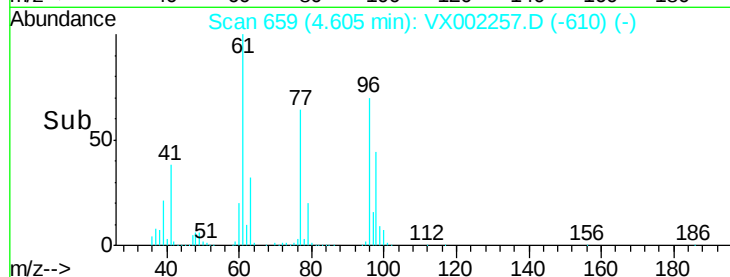
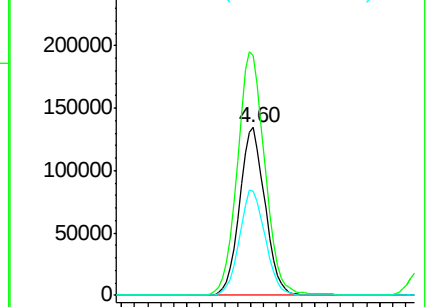
98 63.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 87.22 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

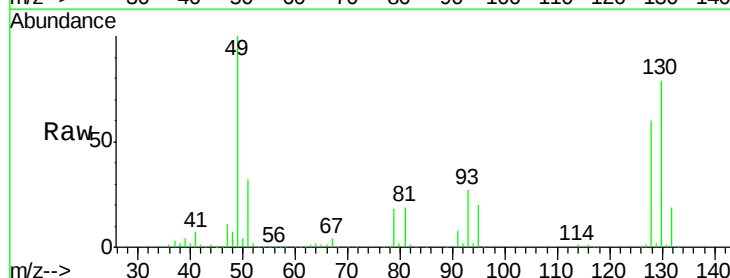
Tgt Ion: 49 Resp: 307271

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

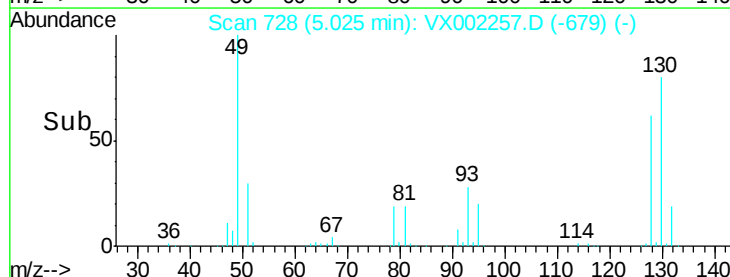
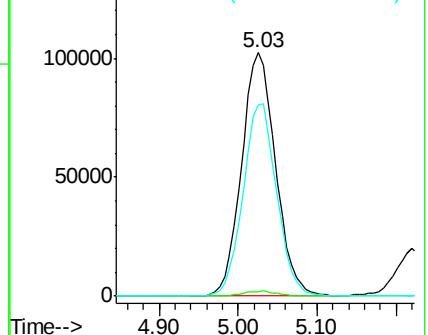
130 78.1 61.2 91.8

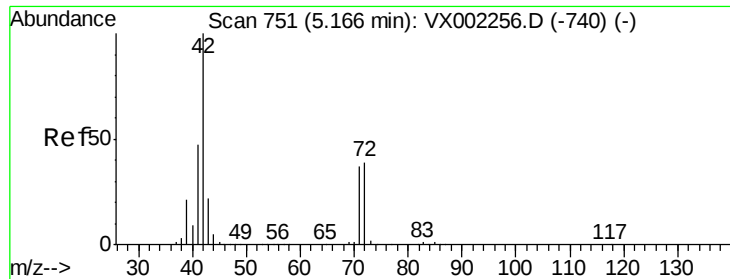


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

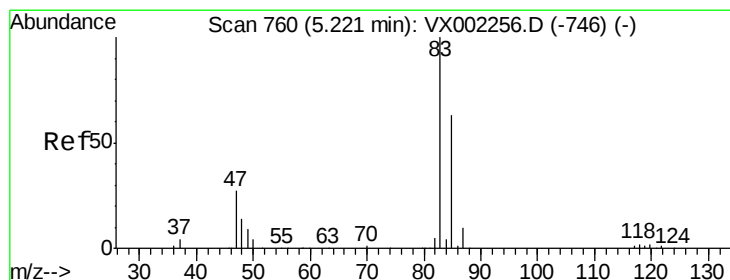
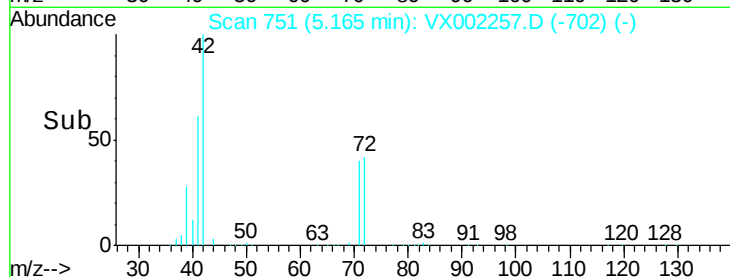
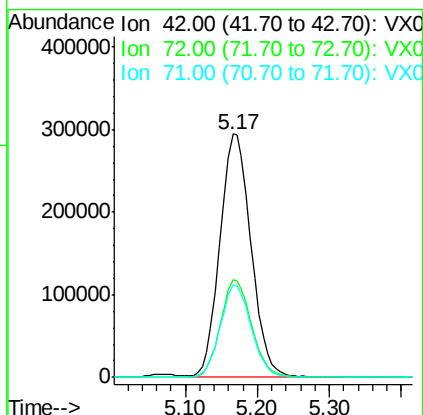
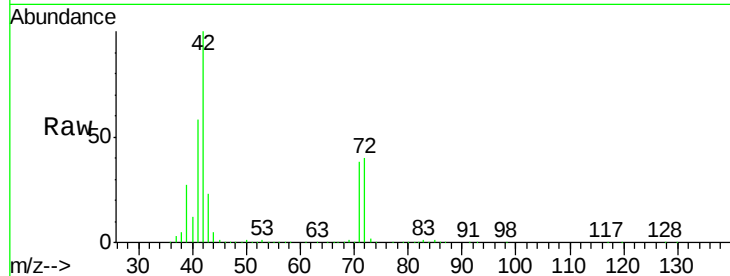




#29
Tetrahydrofuran
Concen: 439.26 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

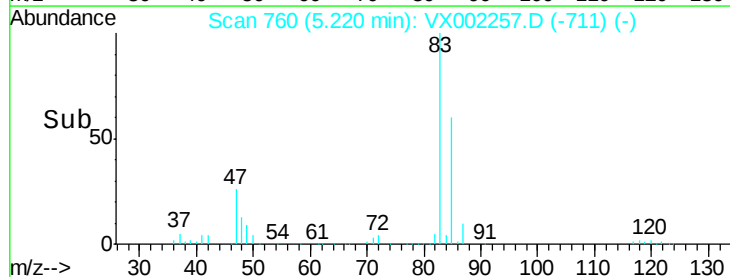
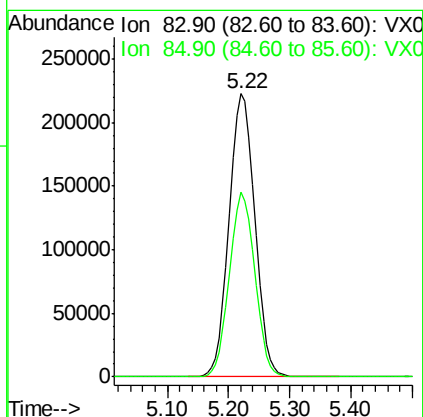
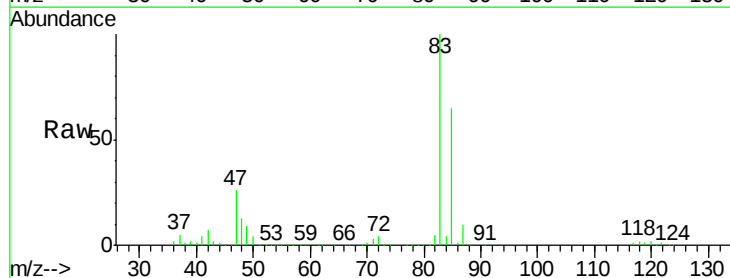
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 884754
Ion Ratio Lower Upper
42 100
72 40.2 32.0 48.0
71 37.7 30.1 45.1



#30
Chloroform
Concen: 92.00 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion: 83 Resp: 645895
Ion Ratio Lower Upper
83 100
85 65.4 50.4 75.6





#31

Cyclohexane

Concen: 104.03 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

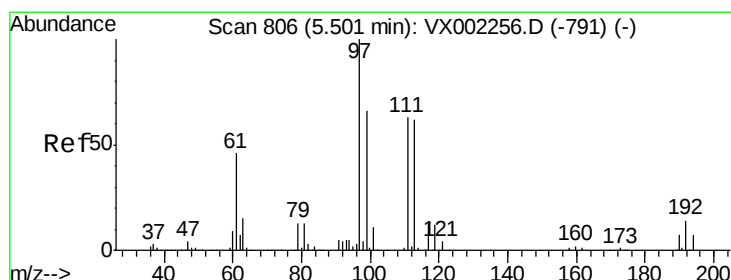
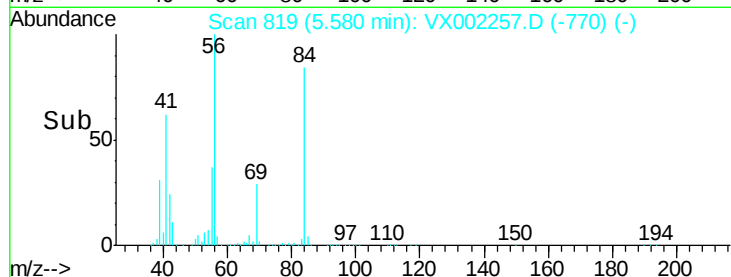
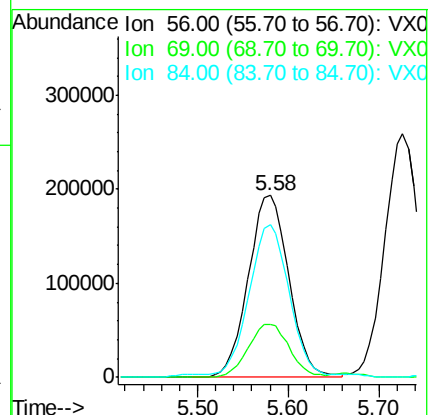
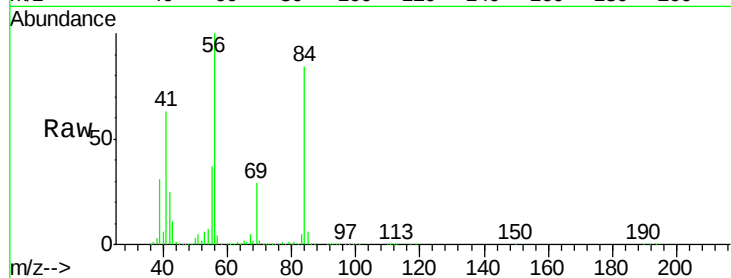
Tgt Ion: 56 Resp: 598495

Ion Ratio Lower Upper

56 100

69 29.1 23.7 35.5

84 82.5 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 99.26 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

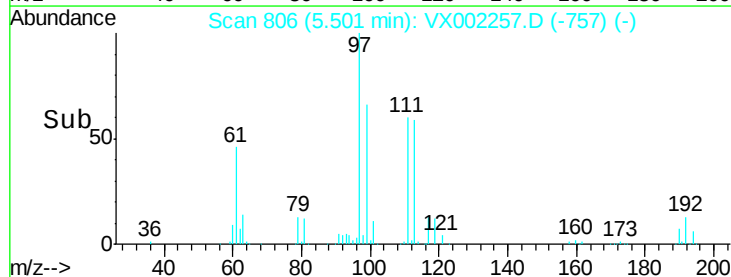
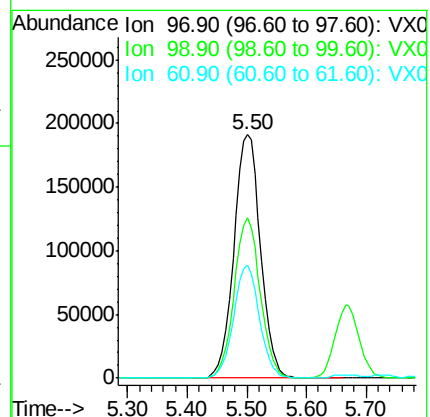
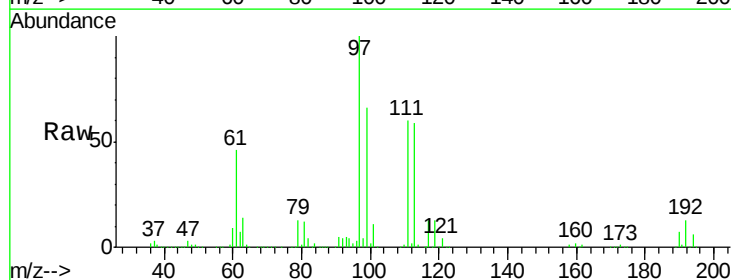
Tgt Ion: 97 Resp: 590990

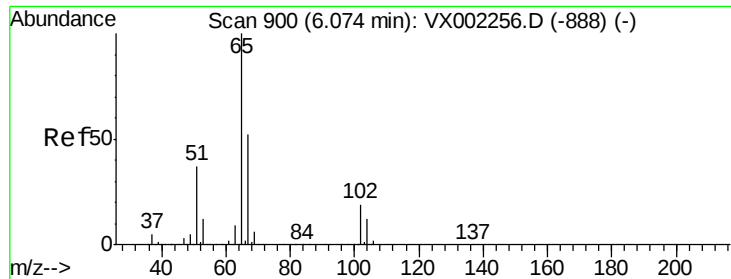
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 45.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 90.51 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

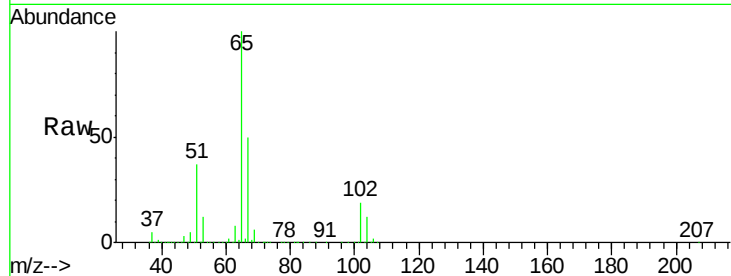
VSTDIC100

Tgt Ion: 65 Resp: 448533

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

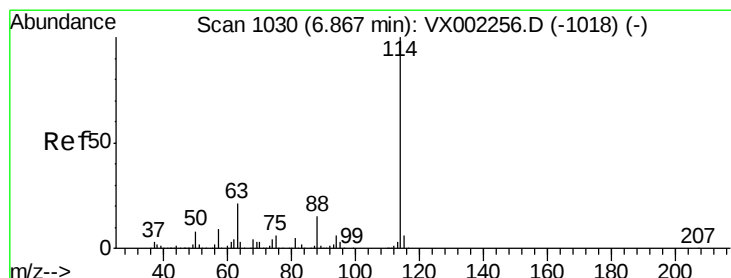
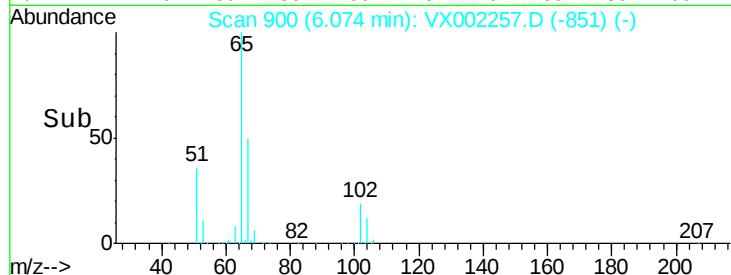
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

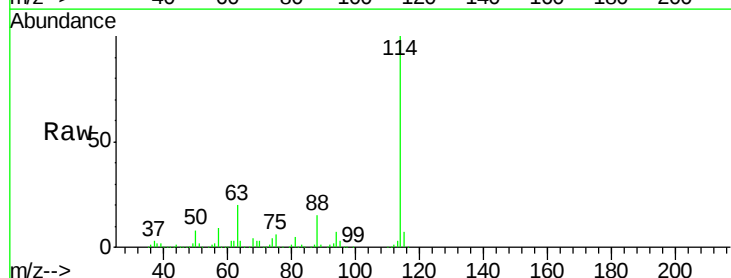
Tgt Ion: 114 Resp: 454309

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

88 15.2 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

250000

200000

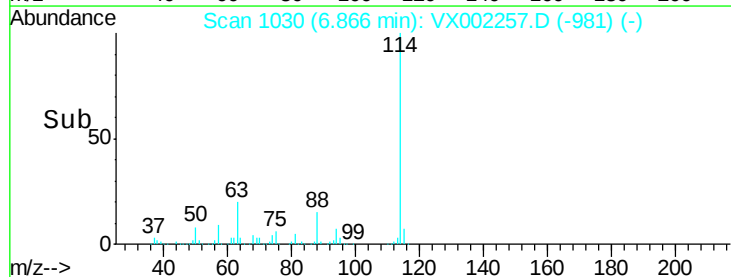
150000

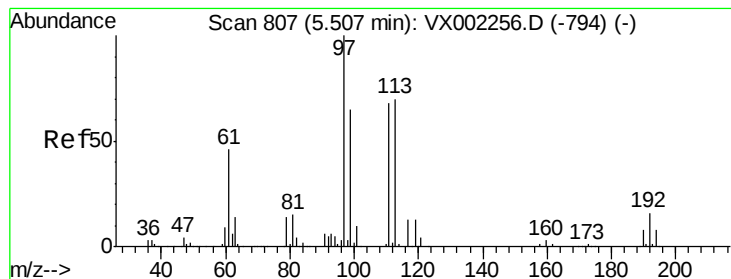
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 98.98 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

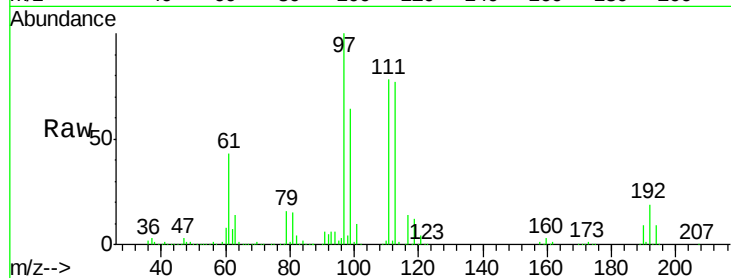
Tgt Ion:113 Resp: 353613

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

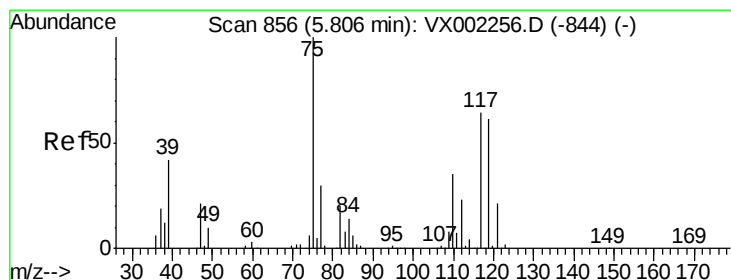
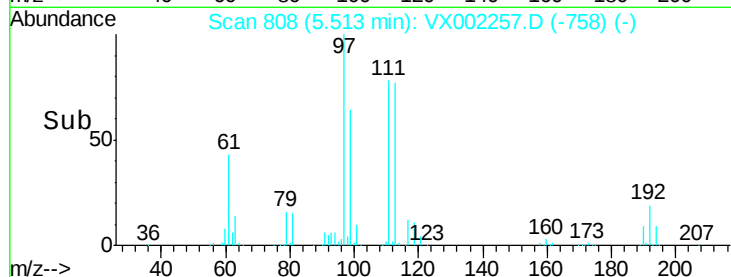
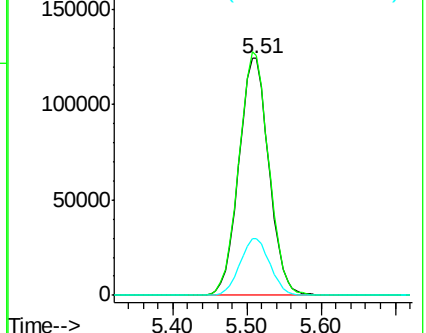
192 24.0 19.1 28.7



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: 102.04 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

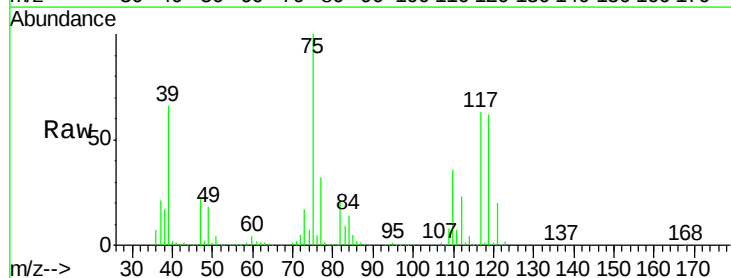
Tgt Ion: 75 Resp: 487330

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.4

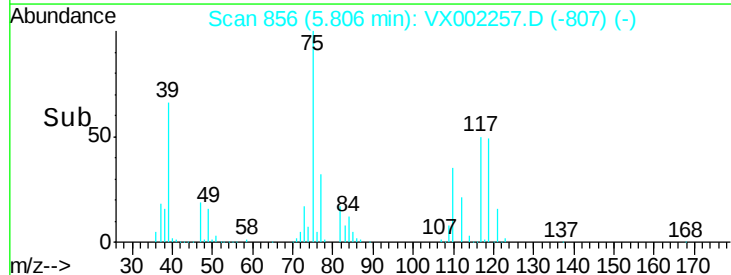
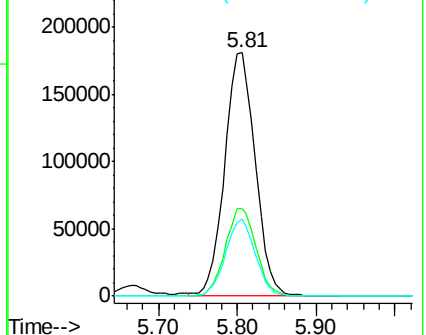
77 30.8 24.3 36.5

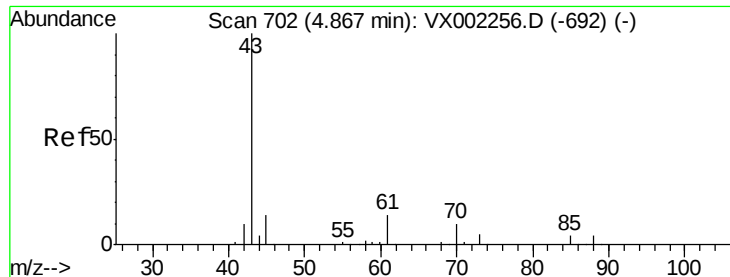


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 94.49 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

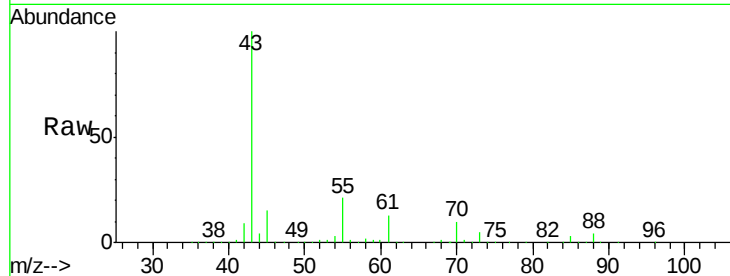
Tgt Ion: 43 Resp: 542727

Ion Ratio Lower Upper

43 100

61 12.6 10.4 15.6

70 9.6 7.6 11.4

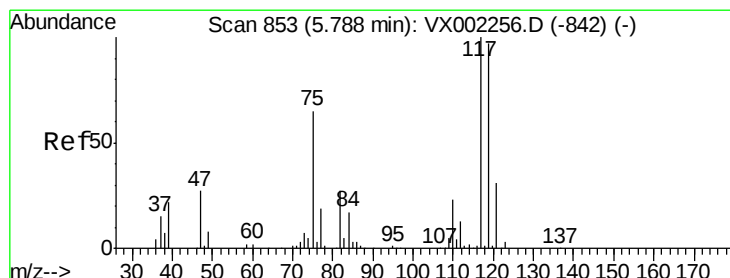
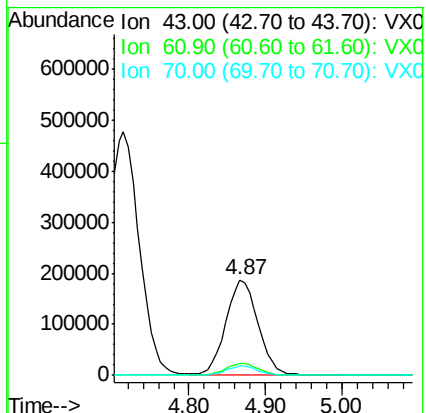
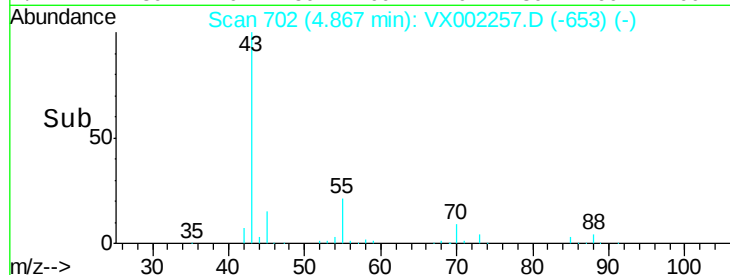


Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX002256.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX002256.D (-692) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 107.39 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

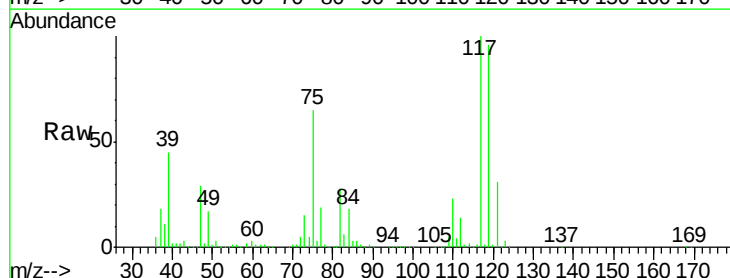
Tgt Ion: 117 Resp: 536582

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0

121 31.5 24.4 36.6

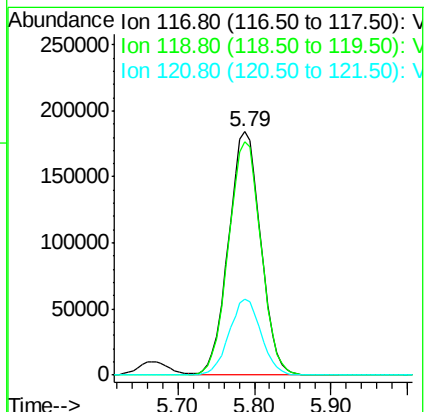
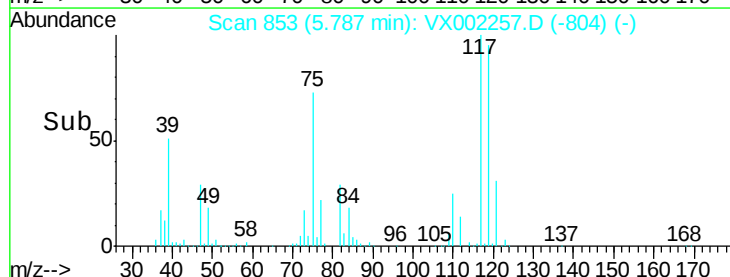


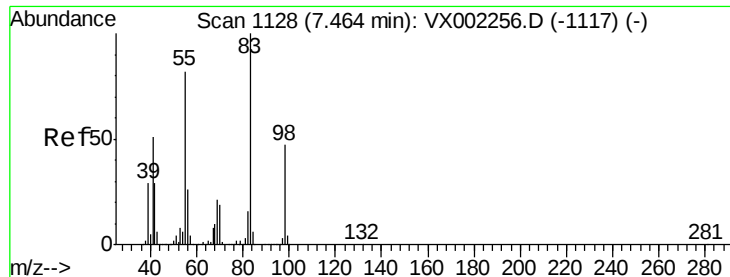
Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX002256.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002256.D (-842) (-)

Time-->

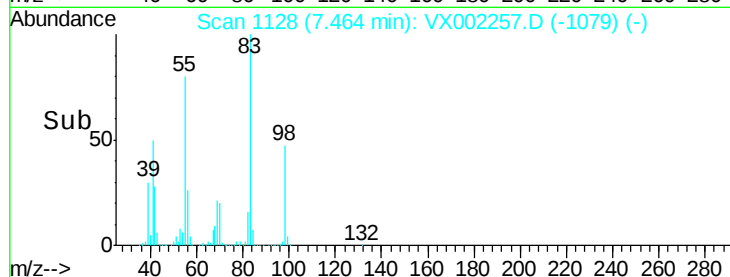
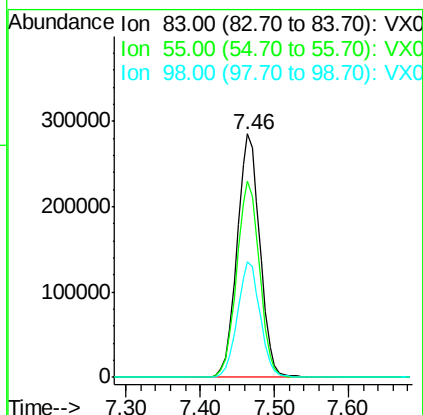
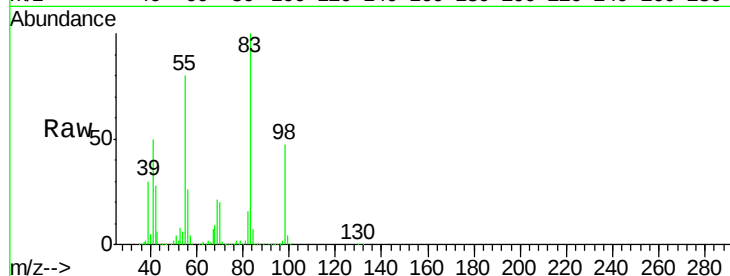




#39
Methylcyclohexane
Concen: 112.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

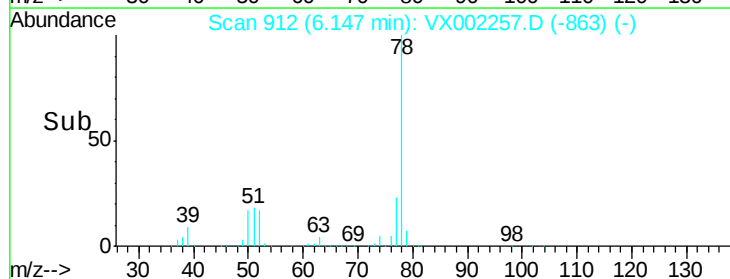
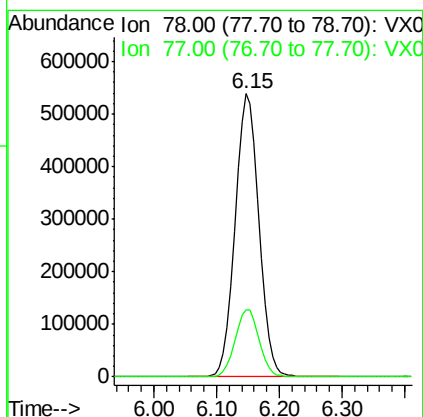
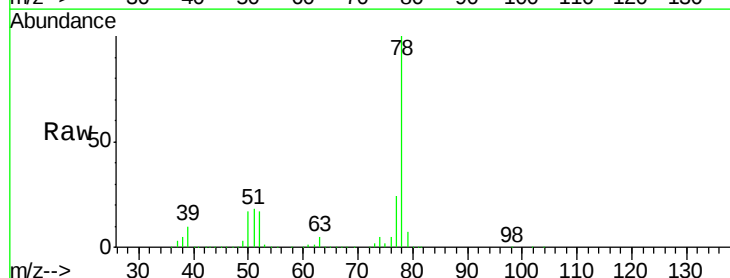
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 612086
Ion Ratio Lower Upper
83 100
55 80.5 65.4 98.0
98 47.4 37.4 56.0



#40
Benzene
Concen: 96.55 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion: 78 Resp: 1413952
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

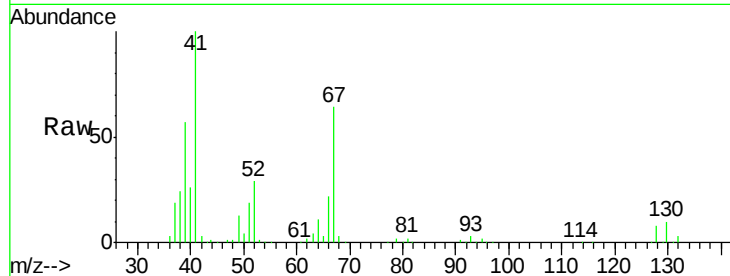




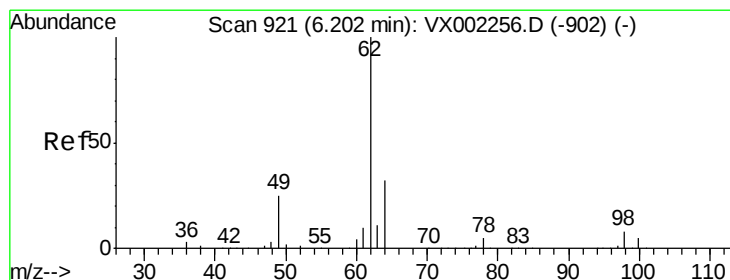
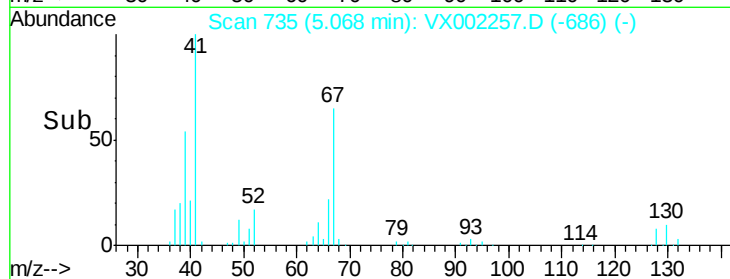
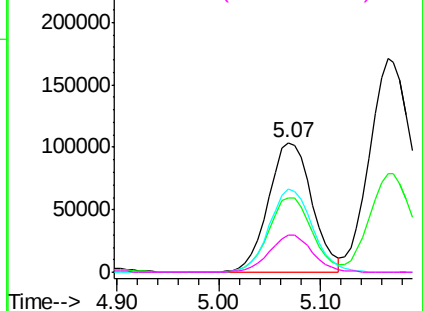
#41
Methacrylonitrile
Concen: 93.57 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	307666
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.8	68.6
67	63.7	51.3	76.9
52	28.2	23.0	34.6

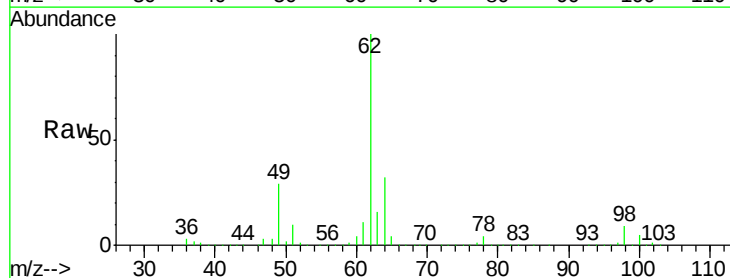


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

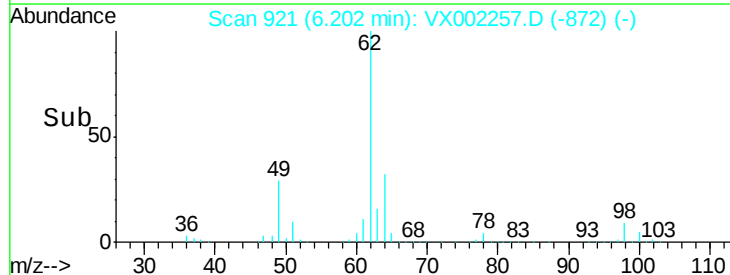
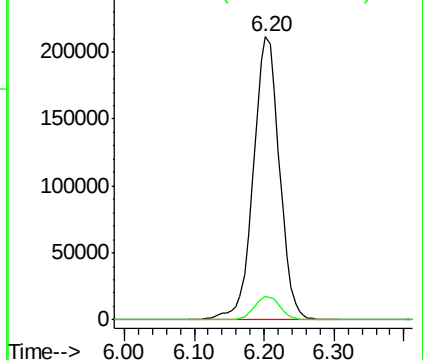


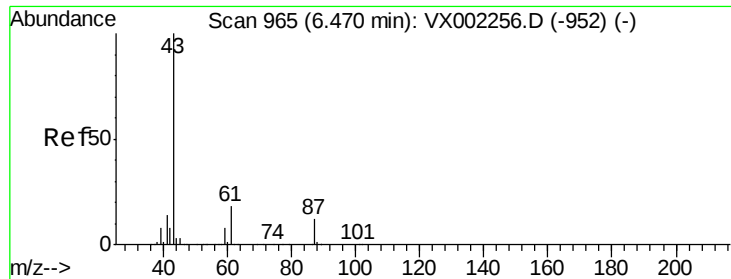
#42
1,2-Dichloroethane
Concen: 93.93 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion:	62	Resp:	546510
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 96.07 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

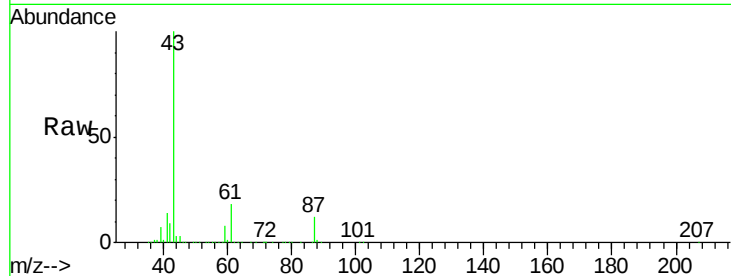
Tgt Ion: 43 Resp: 937271

Ion Ratio Lower Upper

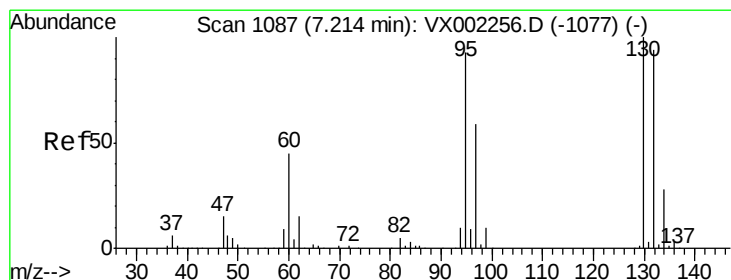
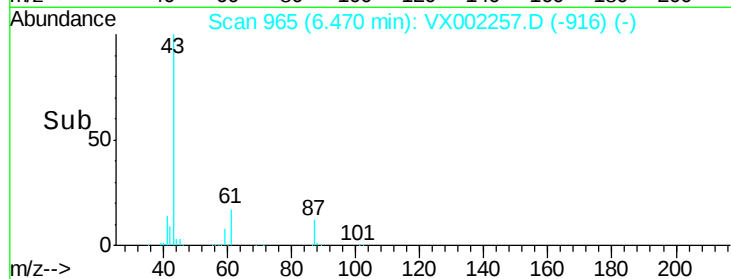
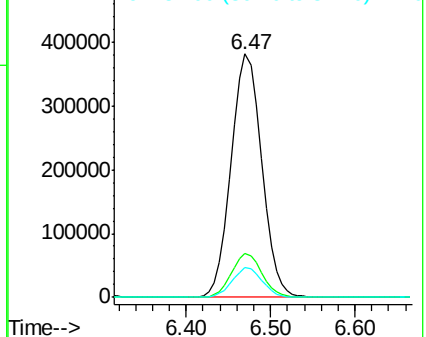
43 100

61 17.9 14.4 21.6

87 11.9 9.5 14.3



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: 100.53 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002257.D

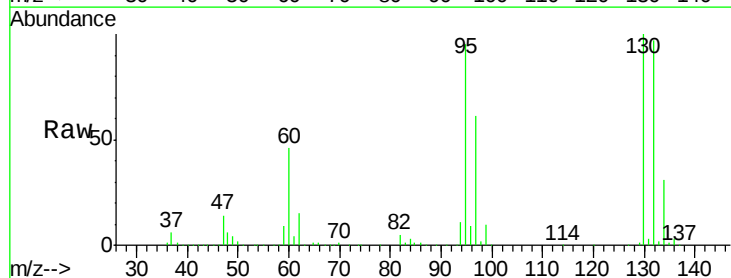
Acq: 04 Jun 2018 11:52

Tgt Ion: 130 Resp: 408596

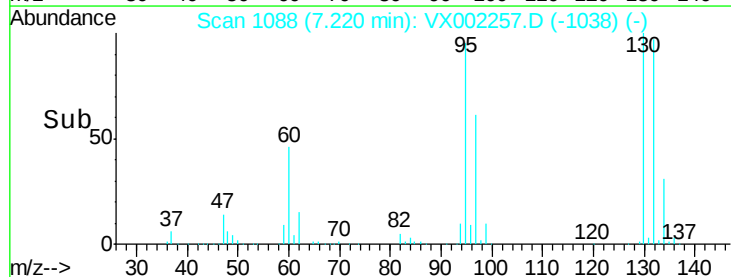
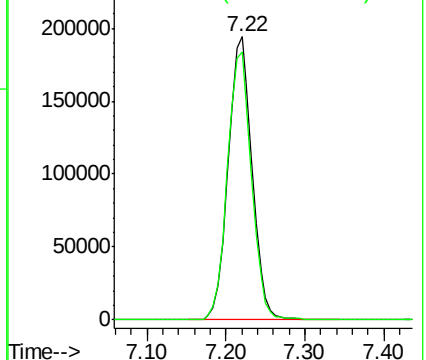
Ion Ratio Lower Upper

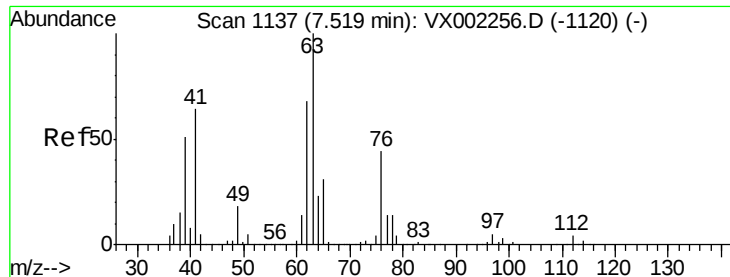
130 100

95 94.6 0.0 185.4



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





#45

1,2-Dichloropropane

Concen: 95.51 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

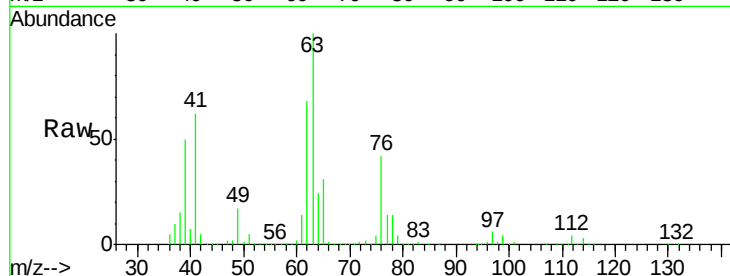
VSTDIC100

Tgt Ion: 63 Resp: 377575

Ion Ratio Lower Upper

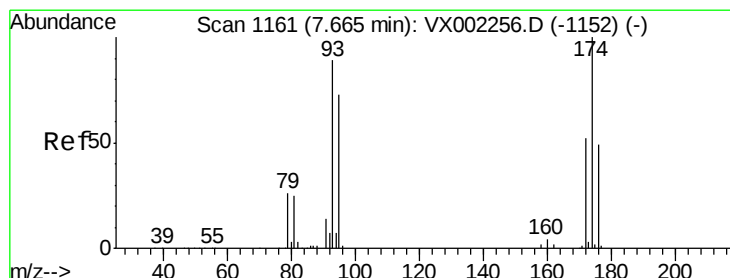
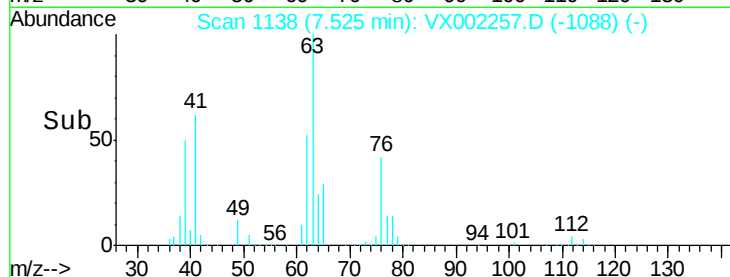
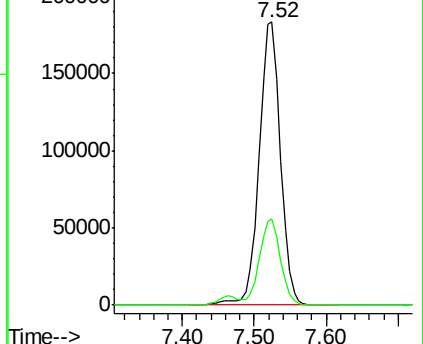
63 100

65 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 94.64 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

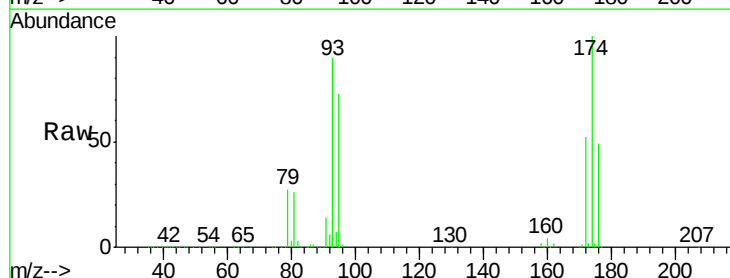
Tgt Ion: 93 Resp: 253651

Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

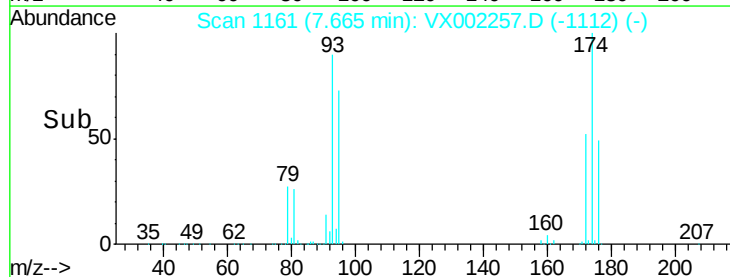
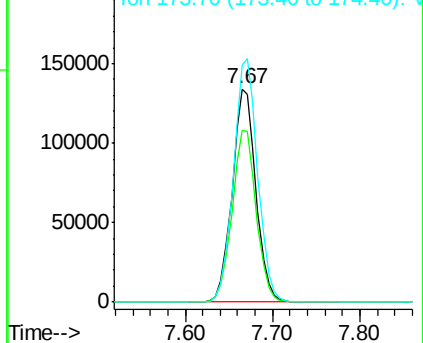
174 116.1 92.4 138.6

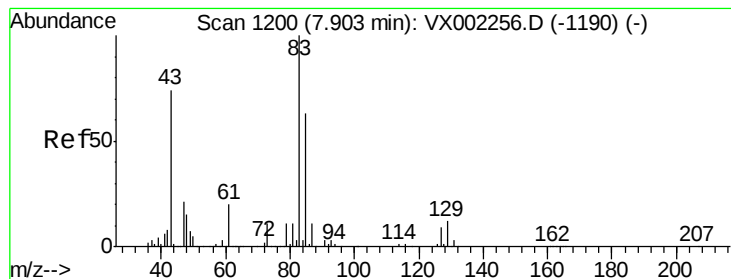


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 102.96 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

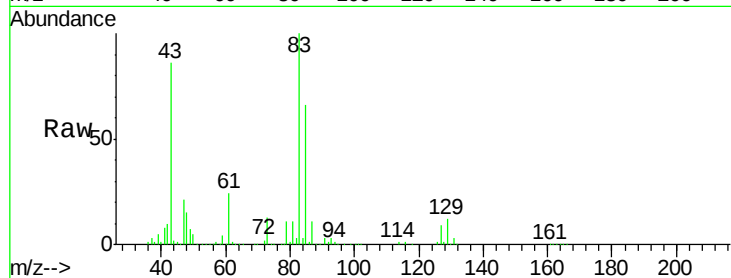
Tgt Ion: 83 Resp: 499045

Ion Ratio Lower Upper

83 100

85 65.5 50.3 75.5

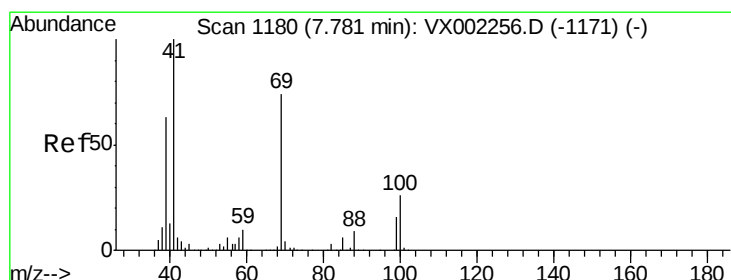
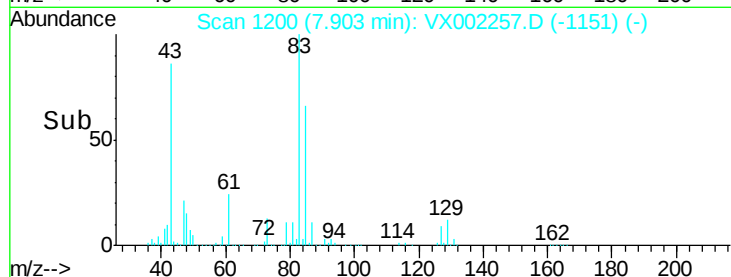
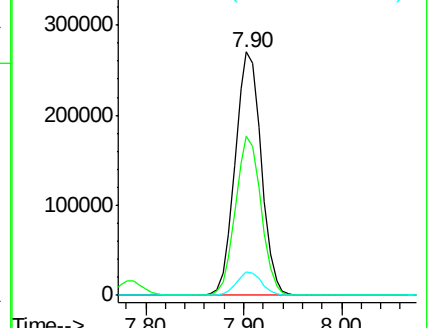
127 9.4 7.0 10.4



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: 98.05 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

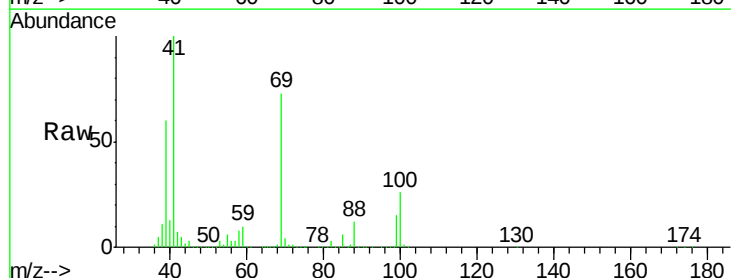
Tgt Ion: 41 Resp: 480515

Ion Ratio Lower Upper

41 100

69 73.7 59.1 88.7

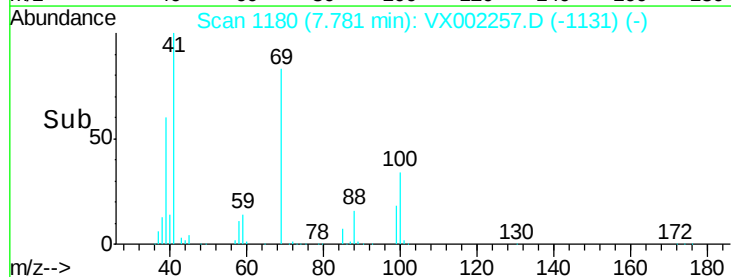
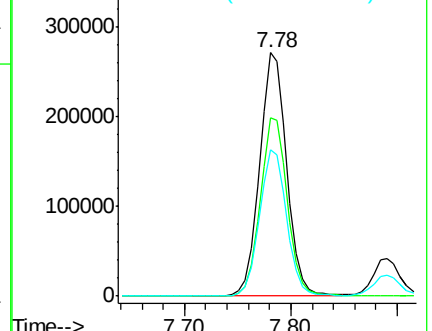
39 60.5 48.9 73.3

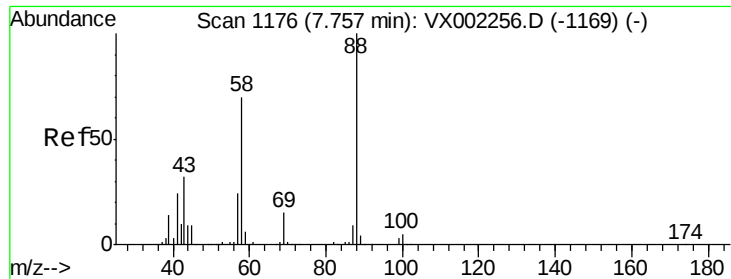


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

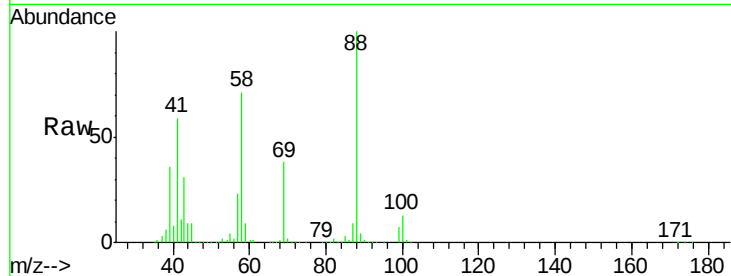




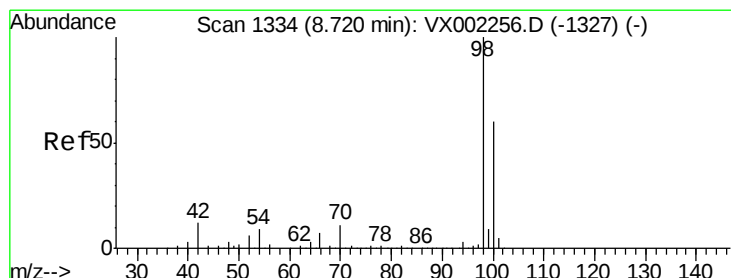
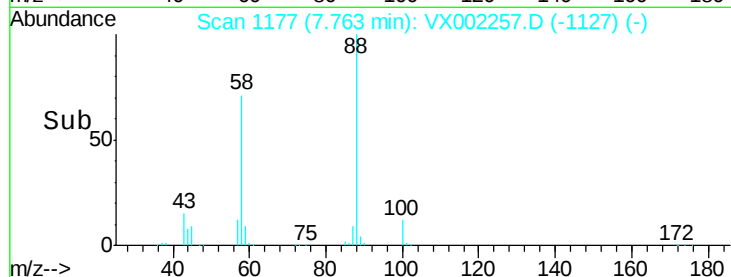
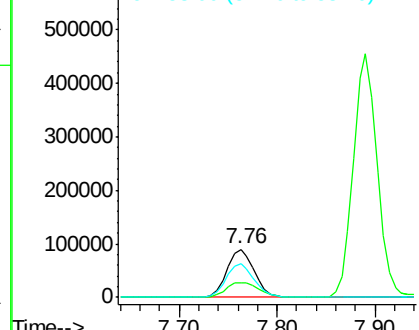
#49
1,4-Dioxane
Concen: 1882.64 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 172501
Ion Ratio Lower Upper
88 100
43 36.8 29.8 44.6
58 72.6 57.1 85.7

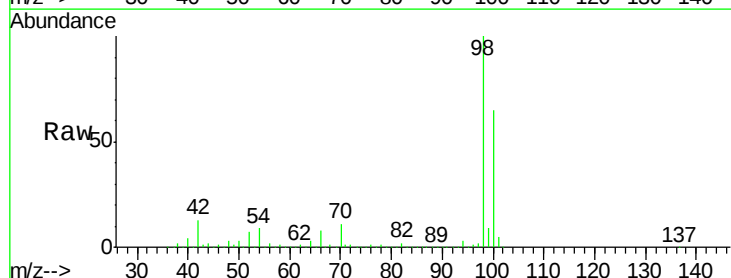


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

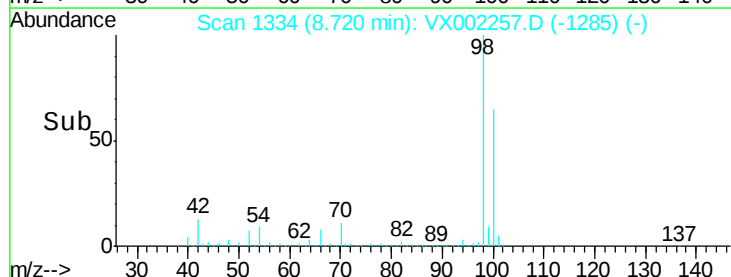
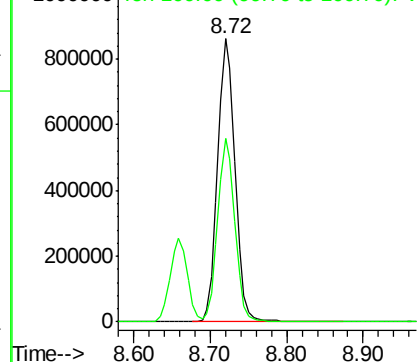


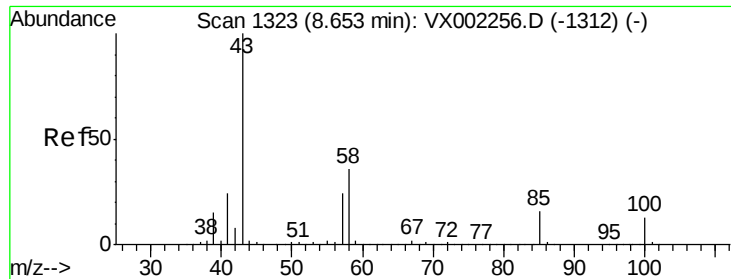
#50
Toluene-d8
Concen: 99.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion: 98 Resp: 1363595
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 483.99 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

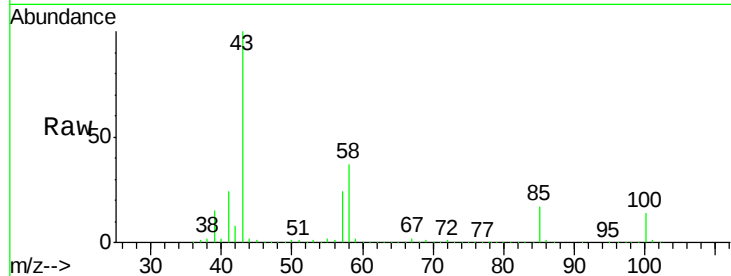
VSTDIC100

Tgt Ion: 43 Resp: 2940422

Ion Ratio Lower Upper

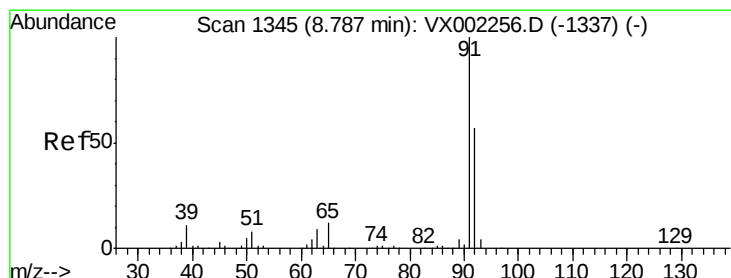
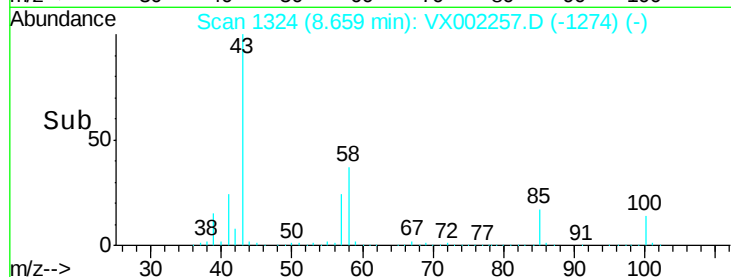
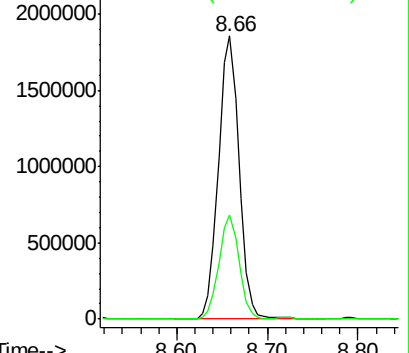
43 100

58 35.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 100.03 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002257.D

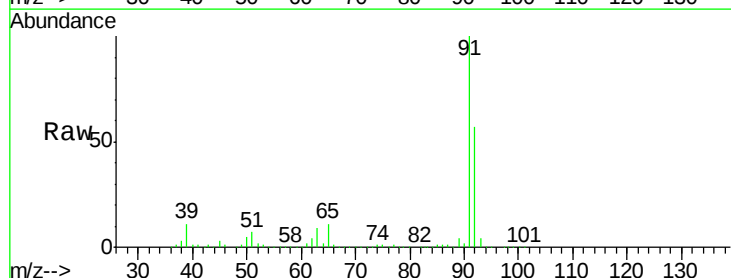
Acq: 04 Jun 2018 11:52

Tgt Ion: 92 Resp: 931667

Ion Ratio Lower Upper

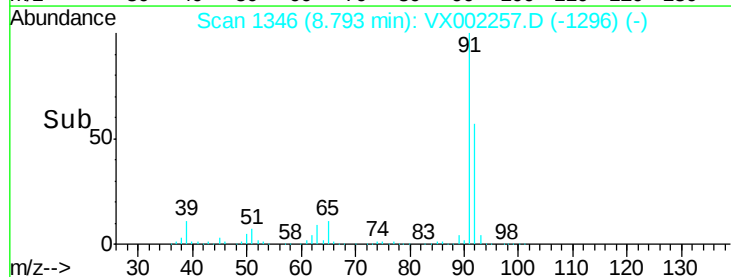
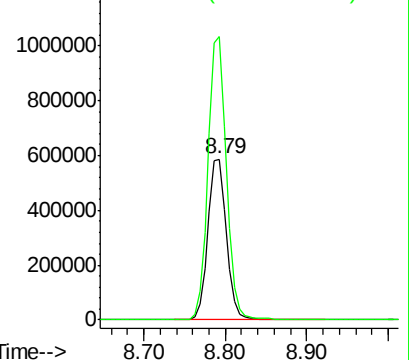
92 100

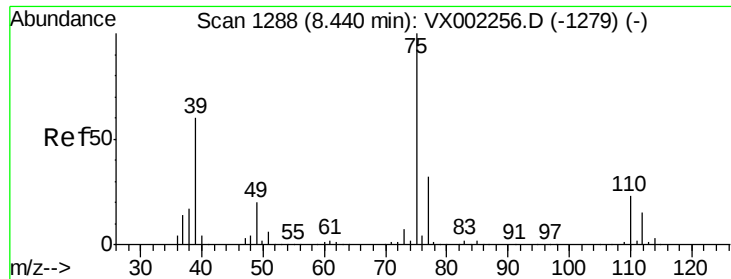
91 174.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

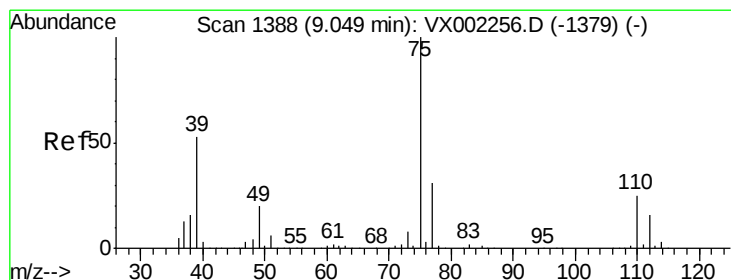
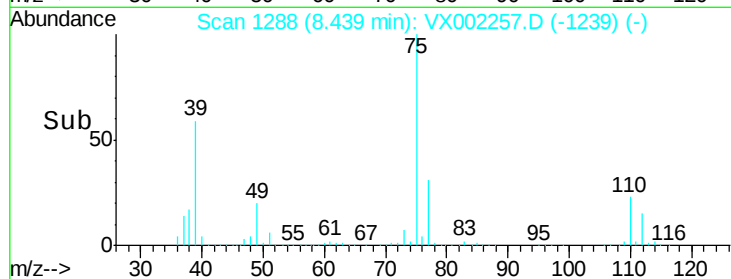
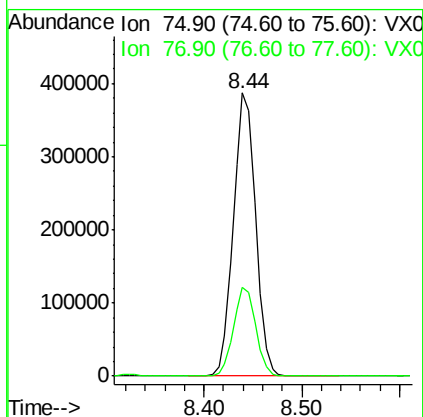
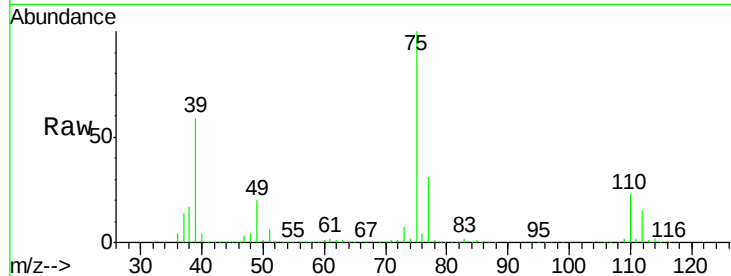




#53
 t-1,3-Dichloropropene
 Concen: 105.05 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

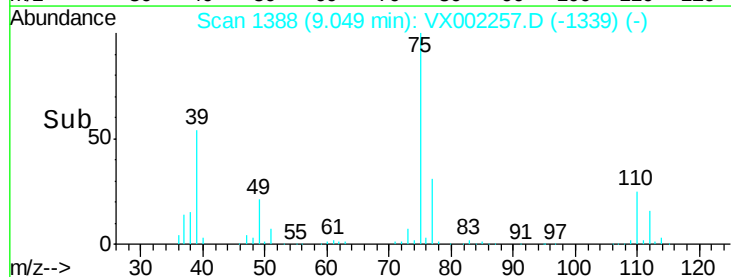
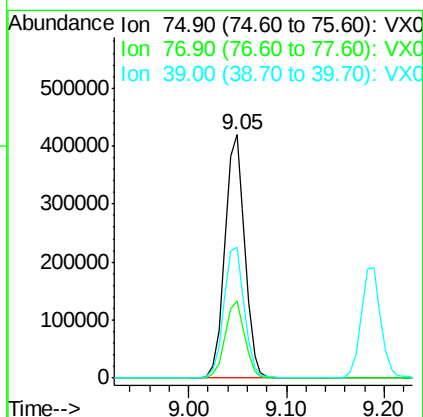
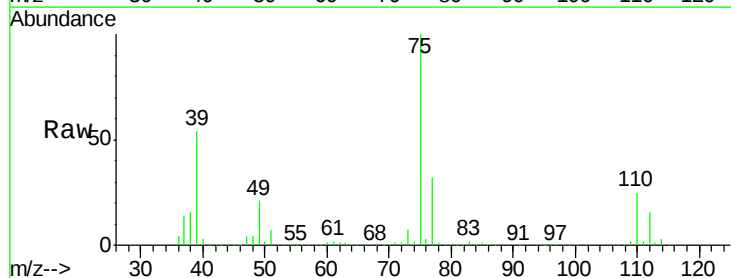
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

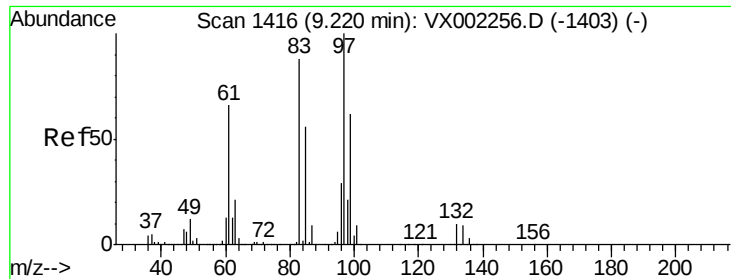
Tgt Ion: 75 Resp: 610618
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 107.27 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Tgt Ion: 75 Resp: 588271
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2
 39 53.8 42.4 63.6

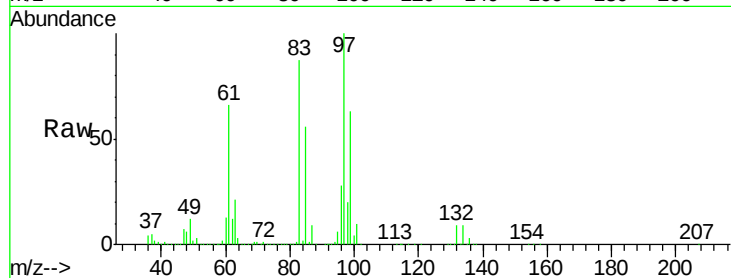




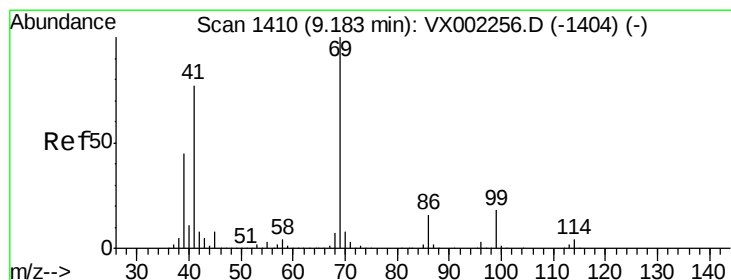
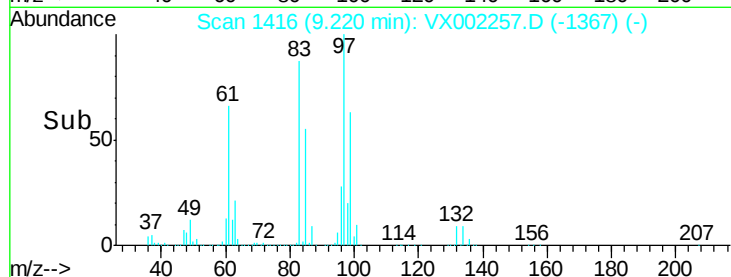
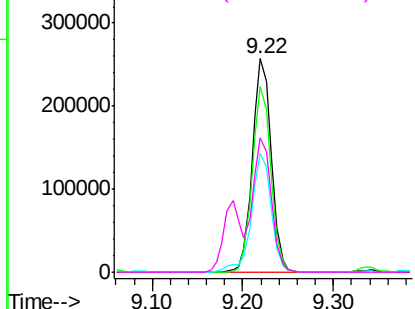
#55
 1,1,2-Trichloroethane
 Concen: 97.05 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	371792
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	55.5	44.9	67.3
99	63.2	49.8	74.8

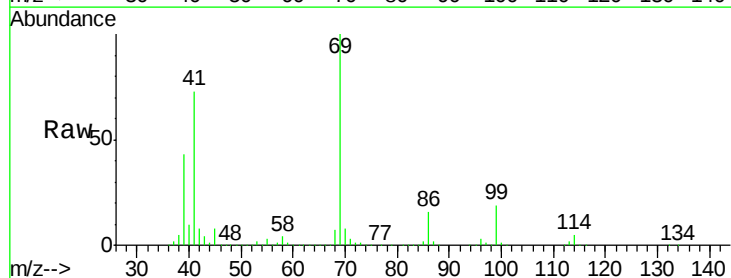


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

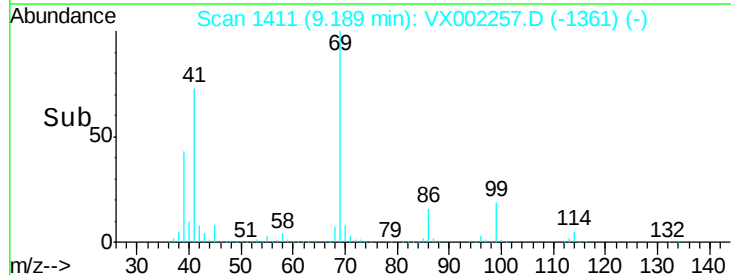
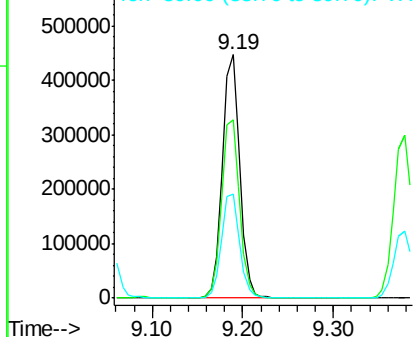


#56
 Ethyl methacrylate
 Concen: 98.37 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Tgt Ion:	69	Resp:	601643
Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.3	90.5
39	44.2	35.8	53.8



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





#57

1,3-Dichloropropane

Concen: 95.45 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

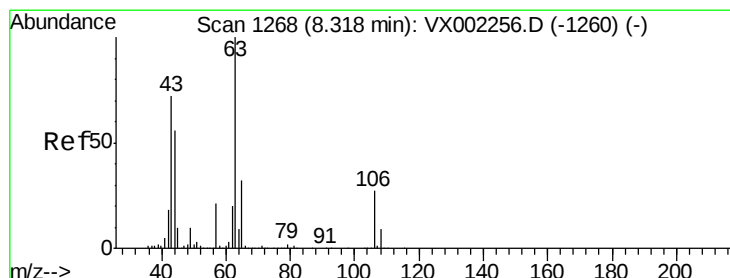
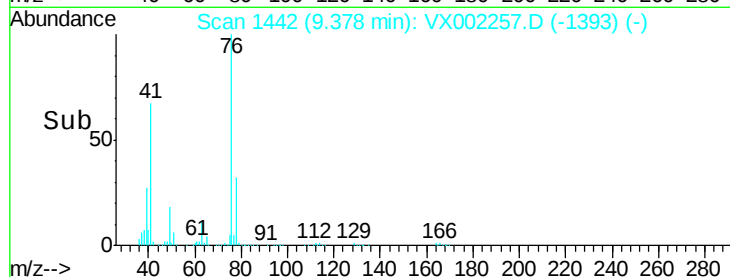
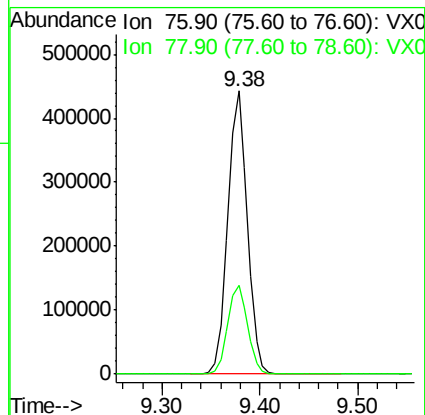
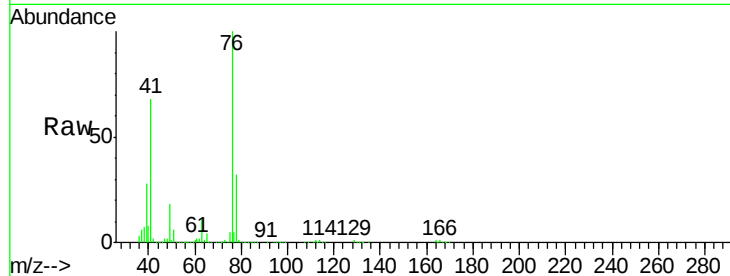
VSTDIC100

Tgt Ion: 76 Resp: 613447

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 494.85 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX002257.D

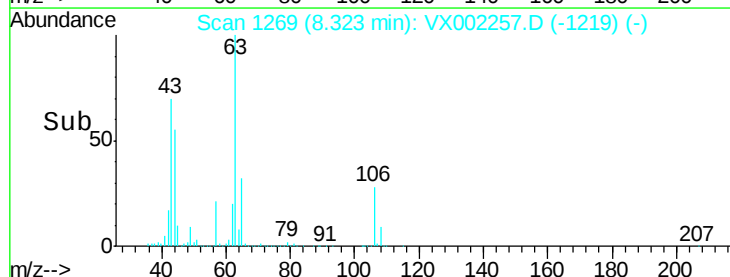
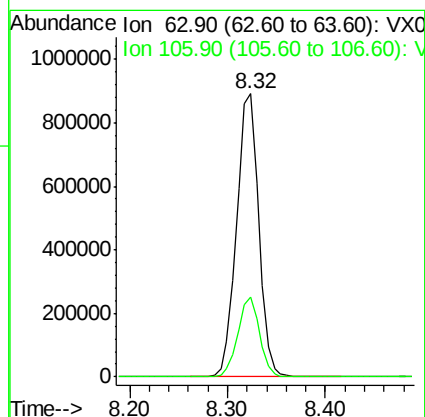
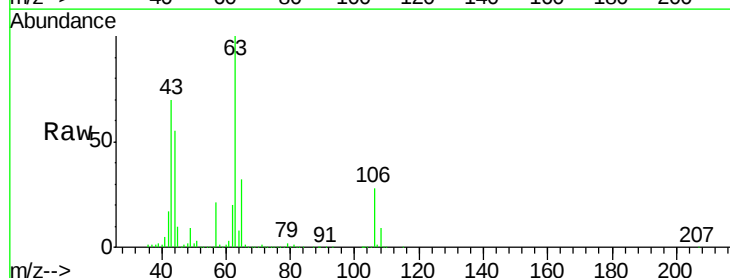
Acq: 04 Jun 2018 11:52

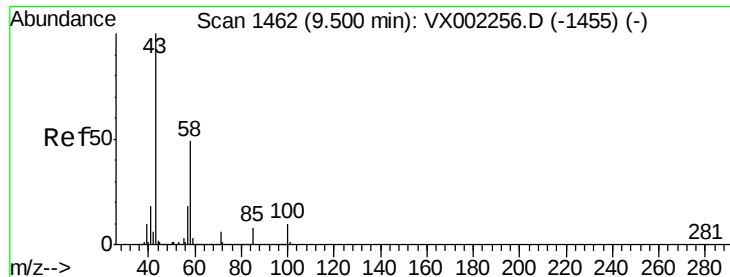
Tgt Ion: 63 Resp: 1400764

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.8

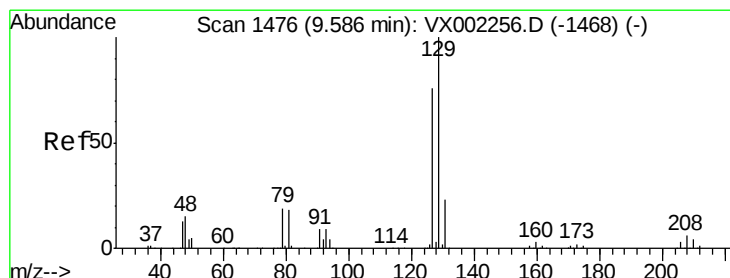
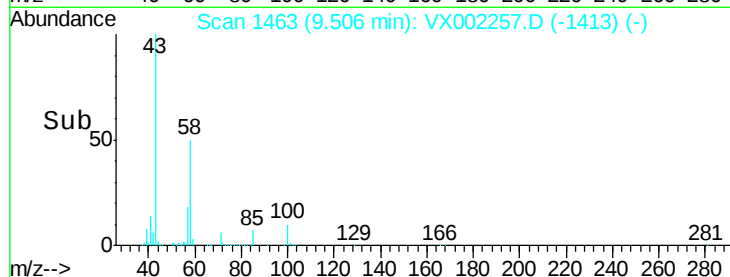
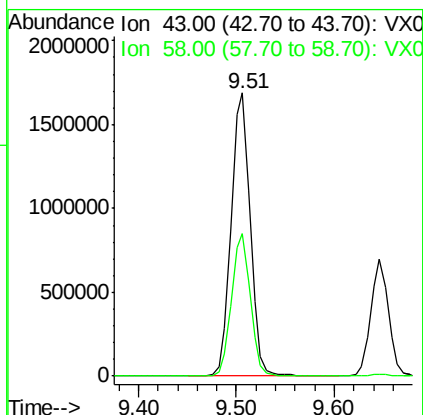
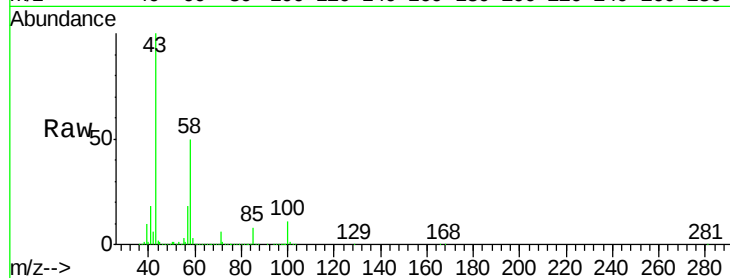




#59
2-Hexanone
Concen: 486.14 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

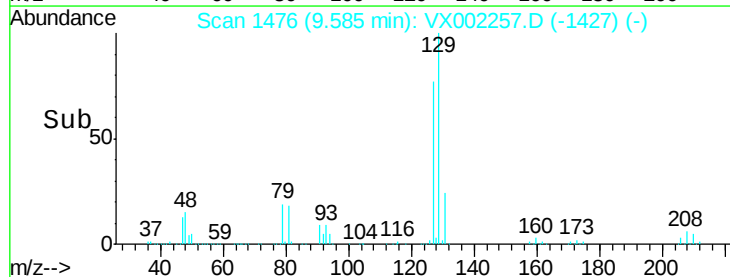
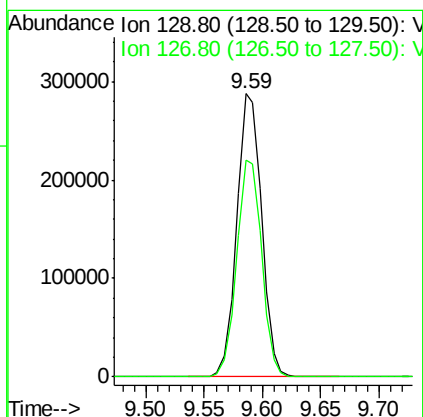
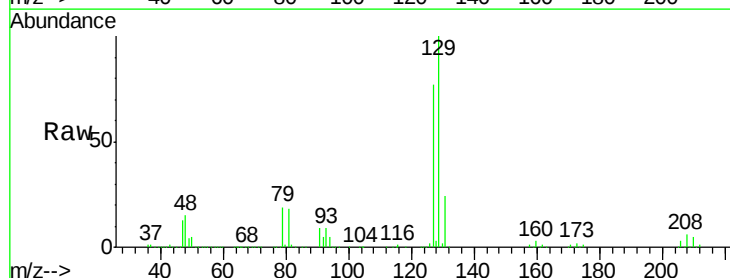
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2281299
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.6



#60
Dibromochloromethane
Concen: 110.90 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion: 129 Resp: 427321
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3

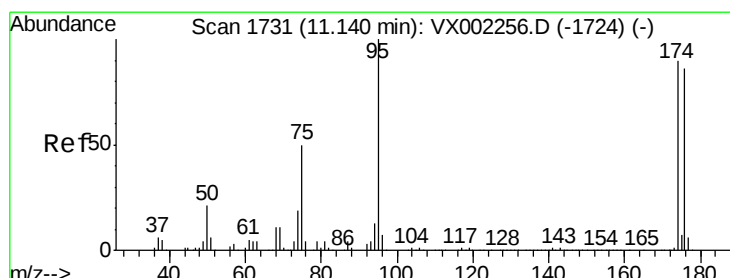
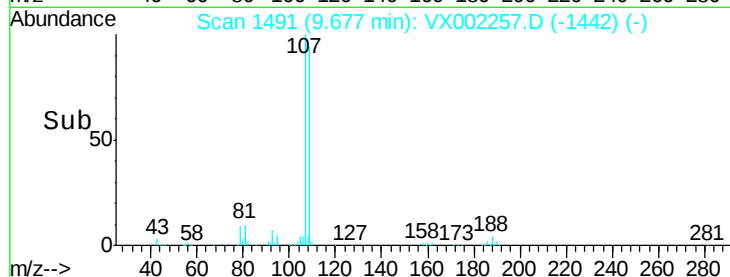
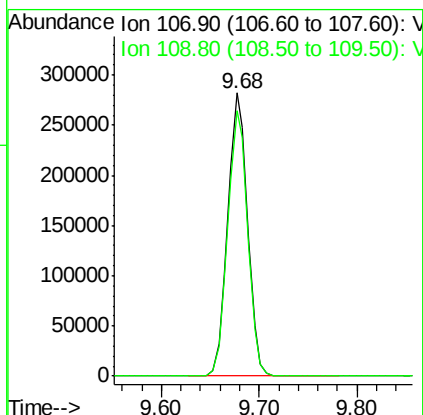
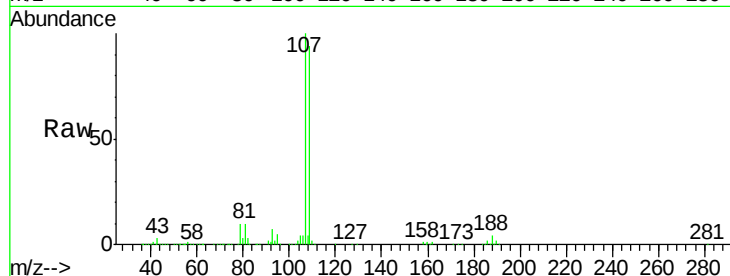




#61
 1,2-Dibromoethane
 Concen: 99.13 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

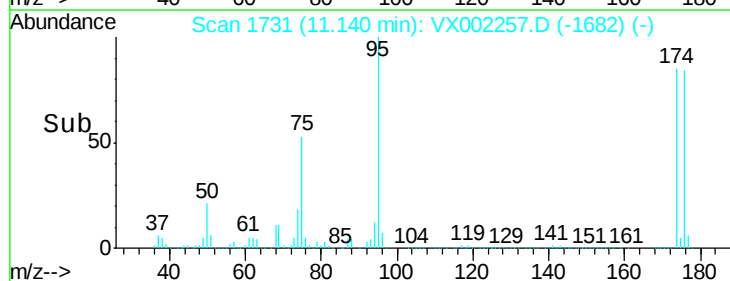
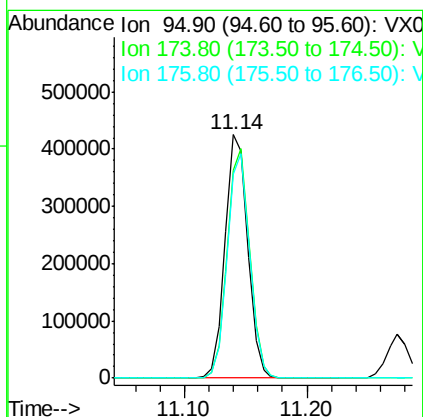
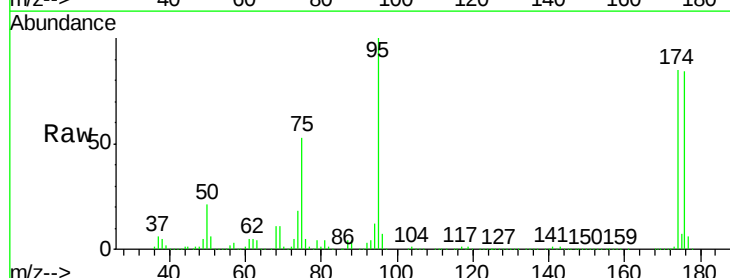
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 107 Resp: 395967
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 103.14 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Tgt Ion: 95 Resp: 544668
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 187.4
 176 90.7 0.0 181.0

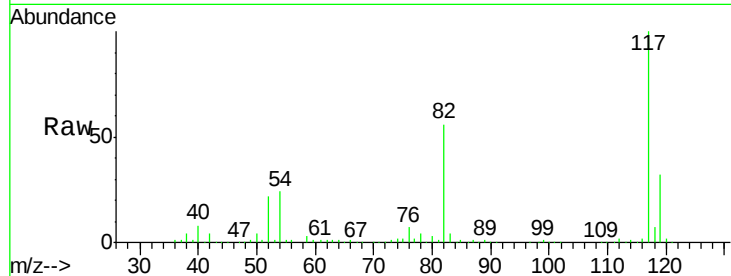




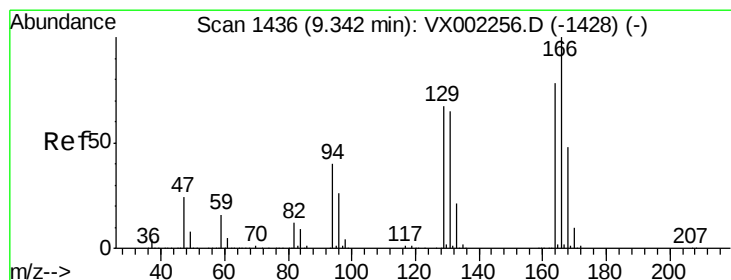
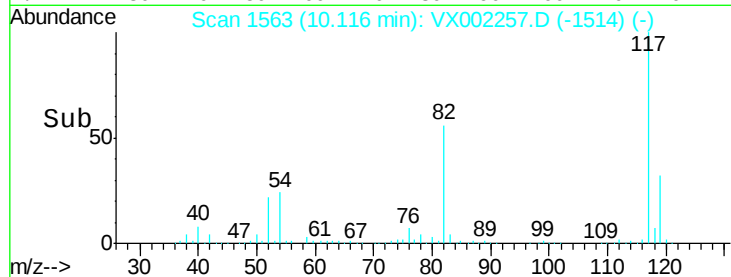
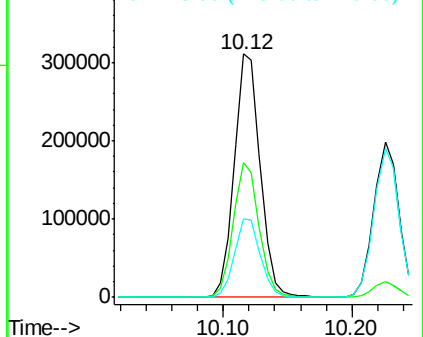
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 438017
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.0 25.8 38.6

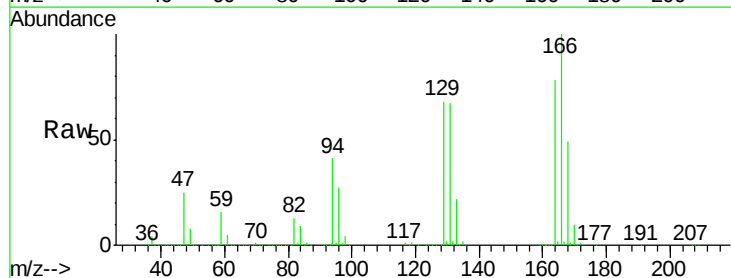


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

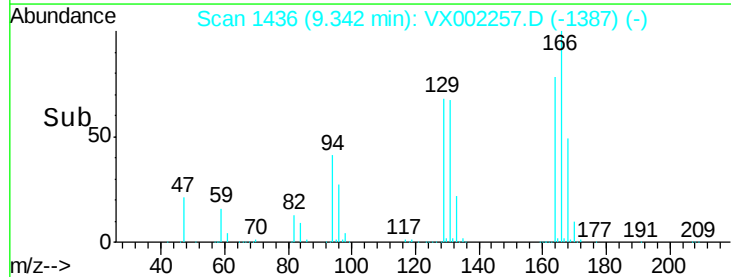
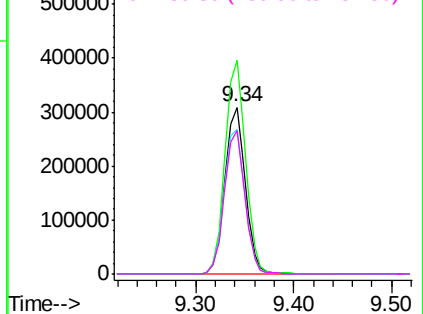


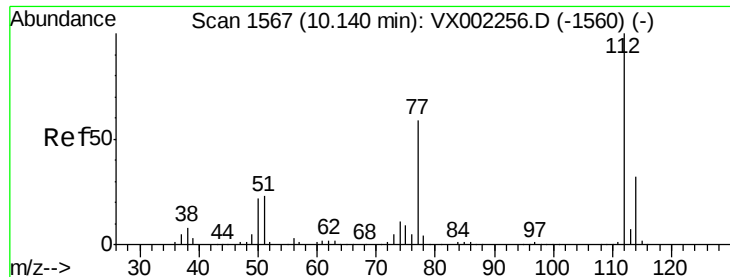
#64
Tetrachloroethene
Concen: 99.68 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion:164 Resp: 450288
Ion Ratio Lower Upper
164 100
166 128.2 102.9 154.3
129 86.6 68.6 102.8
131 86.3 66.8 100.2



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





#65

Chlorobenzene

Concen: 97.39 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

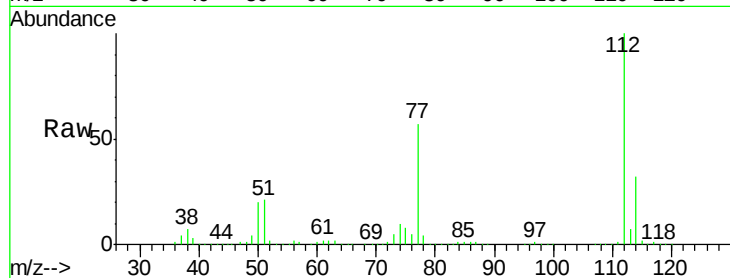
VSTDIC100

Tgt Ion:112 Resp: 1061515

Ion Ratio Lower Upper

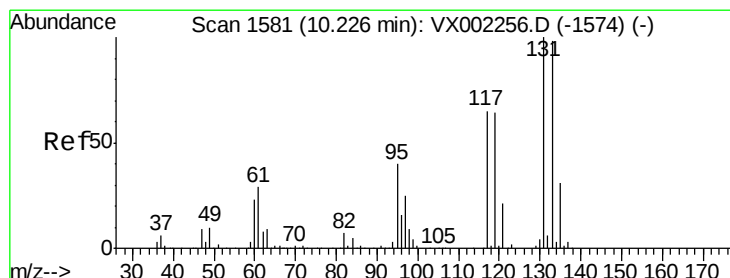
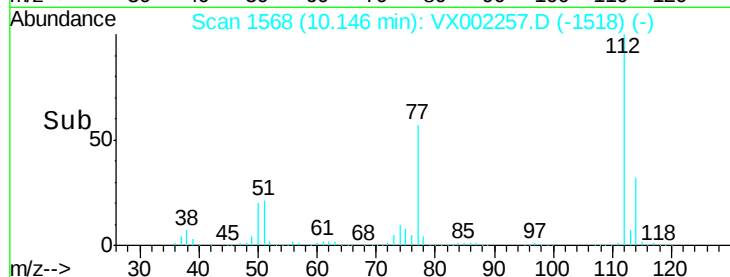
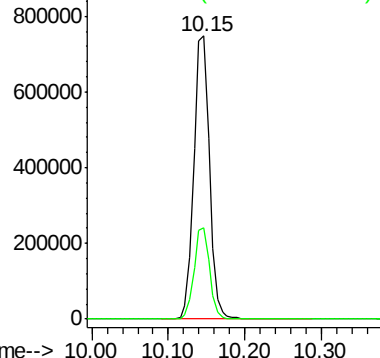
112 100

114 32.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 102.24 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

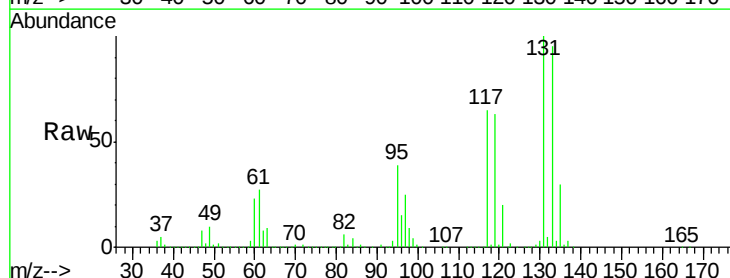
Tgt Ion:131 Resp: 403486

Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.6

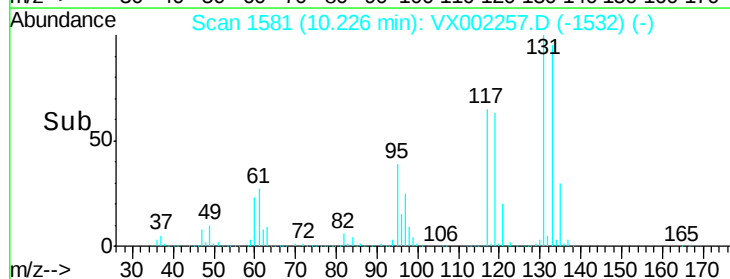
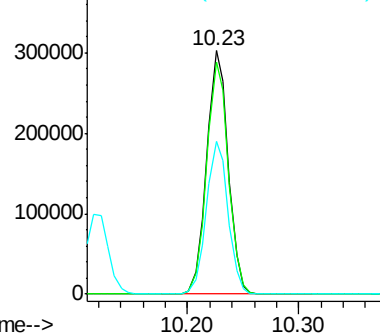
119 63.1 31.8 95.3

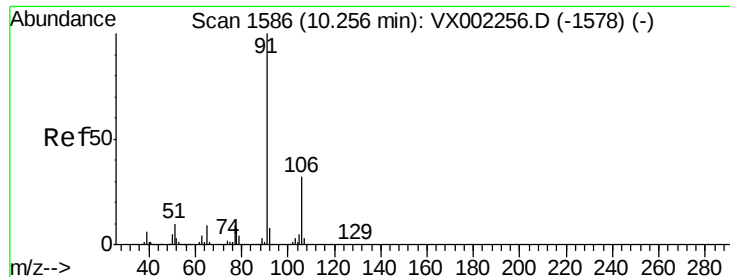


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 101.94 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

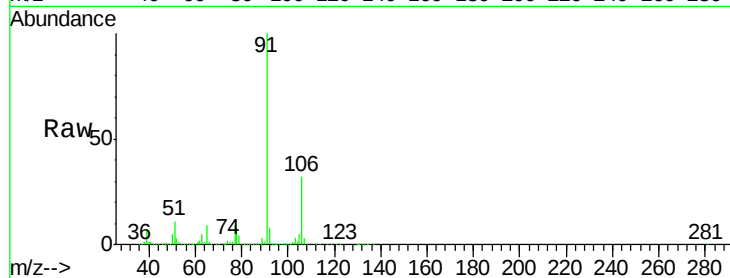
VSTDICC100

Tgt Ion: 91 Resp: 1859301

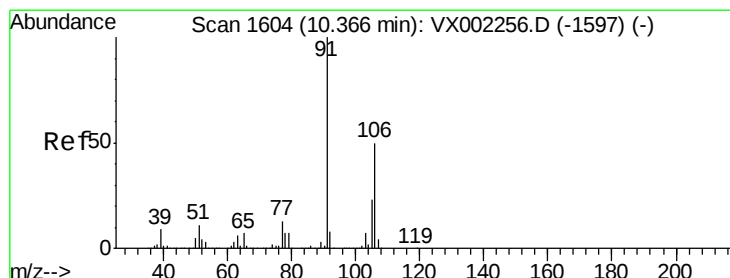
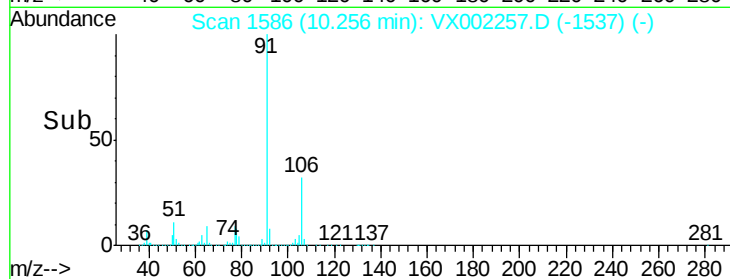
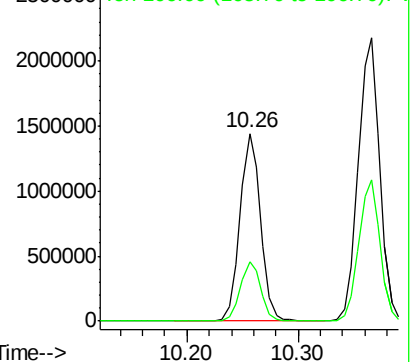
Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX002257.D (-1537) (-)



#68

m/p-Xylenes

Concen: 204.70 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002257.D

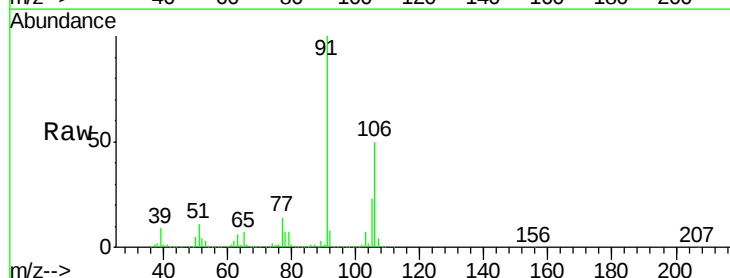
Acq: 04 Jun 2018 11:52

Tgt Ion: 106 Resp: 1451404

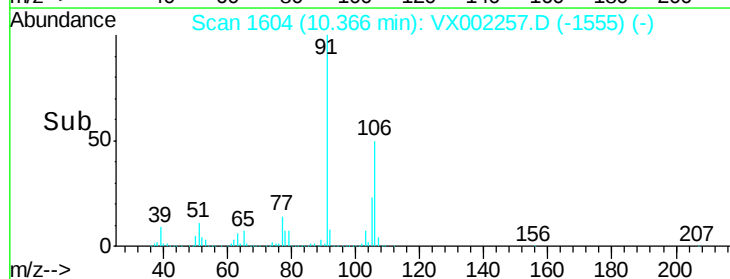
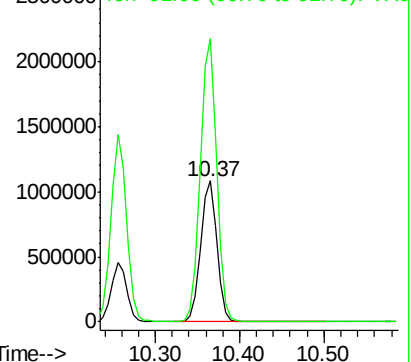
Ion Ratio Lower Upper

106 100

91 203.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX002257.D (-1555) (-)

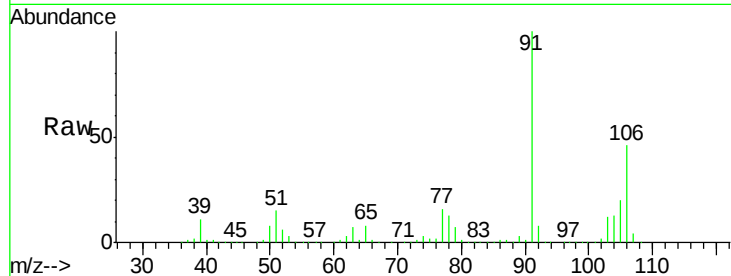




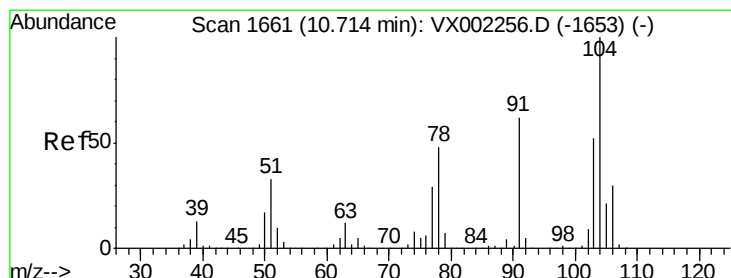
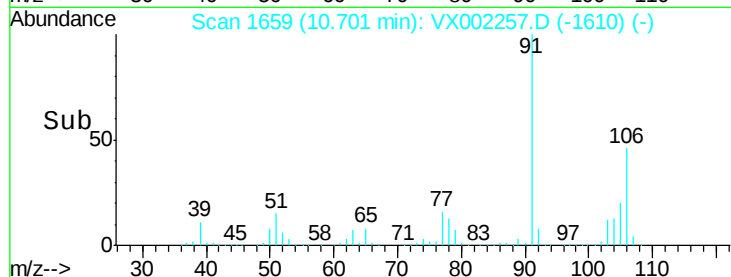
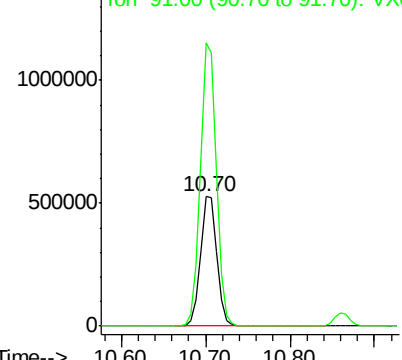
#69
o-Xylene
Concen: 100.38 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion:106 Resp: 708280
Ion Ratio Lower Upper
106 100
91 215.6 108.2 324.6

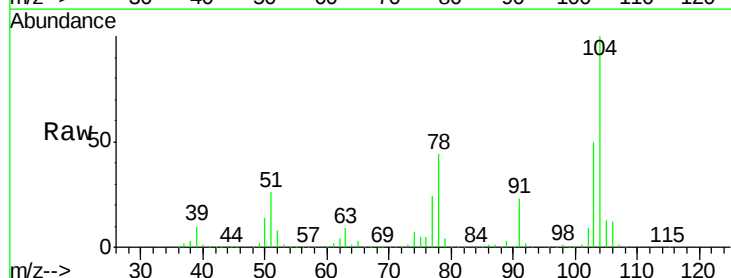


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

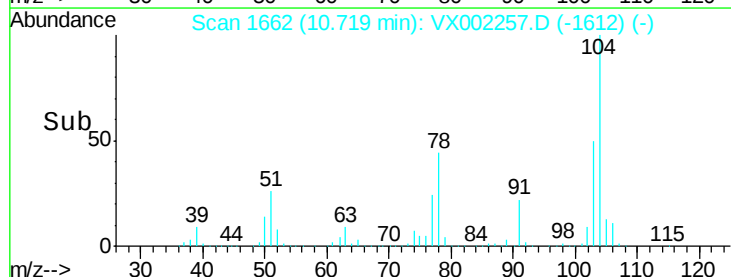
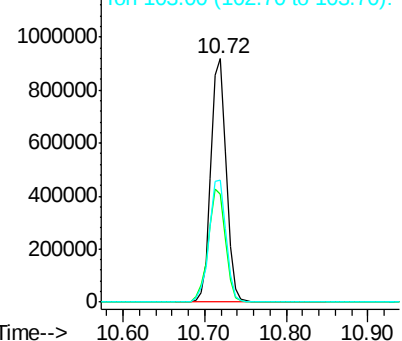


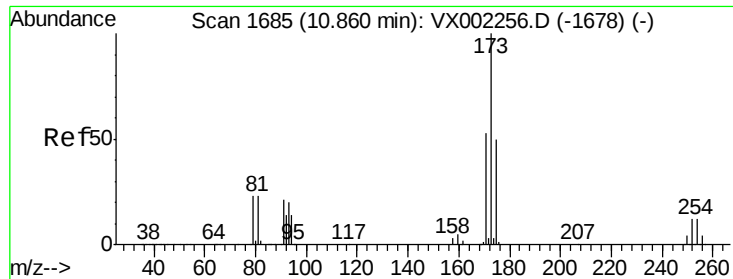
#70
Styrene
Concen: 104.45 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion:104 Resp: 1204801
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.6
103 55.5 44.2 66.4



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: 113.70 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

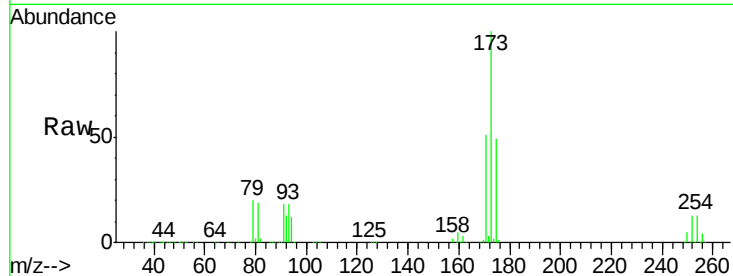
Tgt Ion:173 Resp: 355728

Ion Ratio Lower Upper

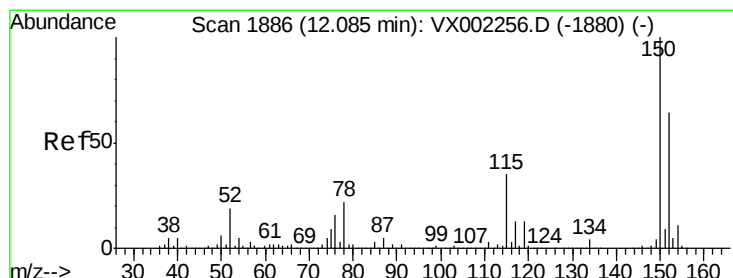
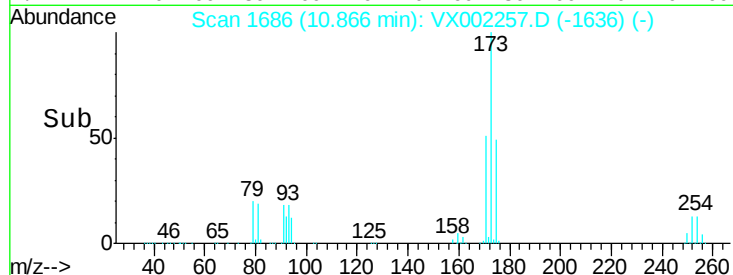
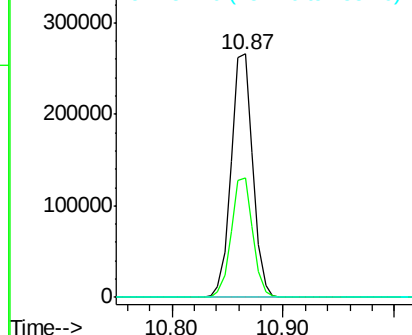
173 100

175 49.1 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

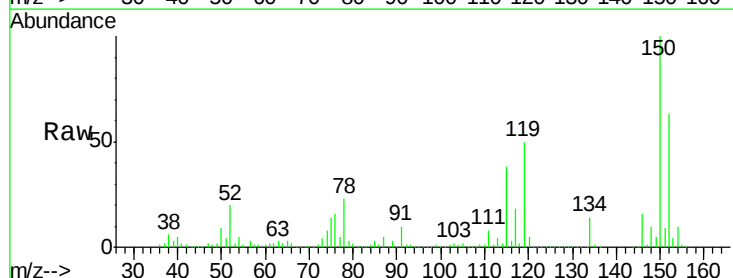
Tgt Ion:152 Resp: 285680

Ion Ratio Lower Upper

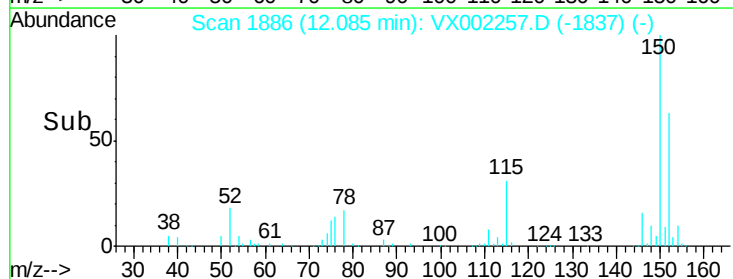
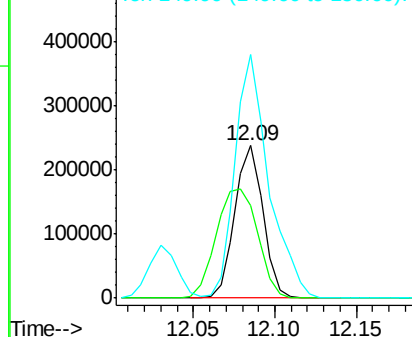
152 100

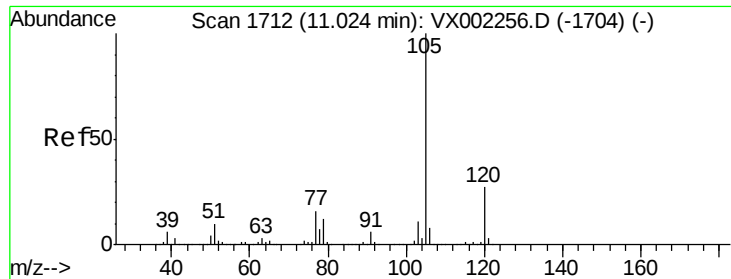
115 105.7 40.1 120.2

150 191.3 0.0 347.2



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: 97.15 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

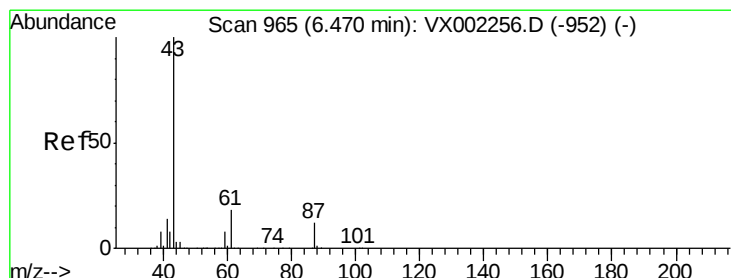
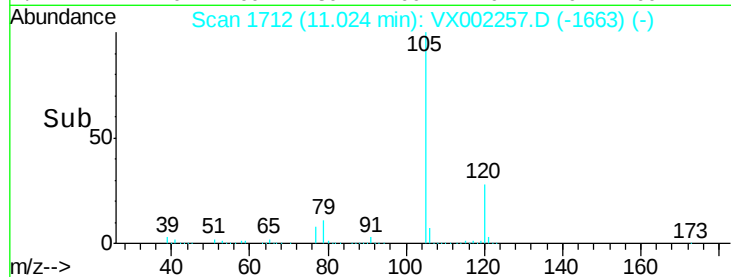
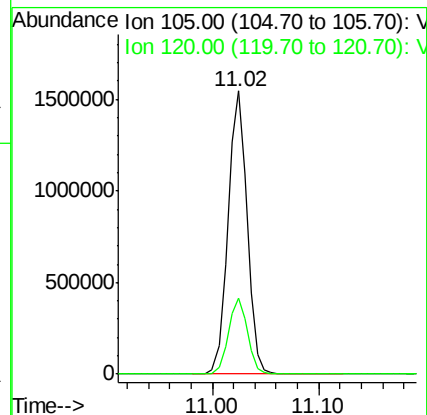
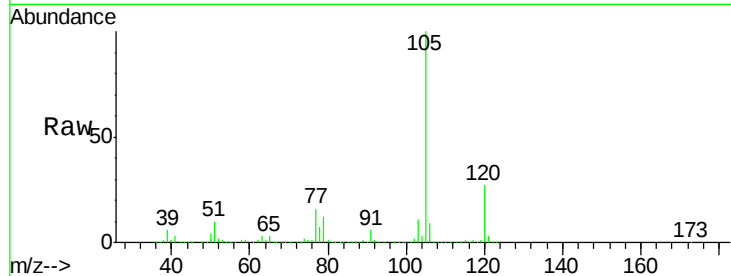
VSTDIC100

Tgt Ion:105 Resp: 1930630

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 87.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Tgt Ion: 43 Resp: 937271

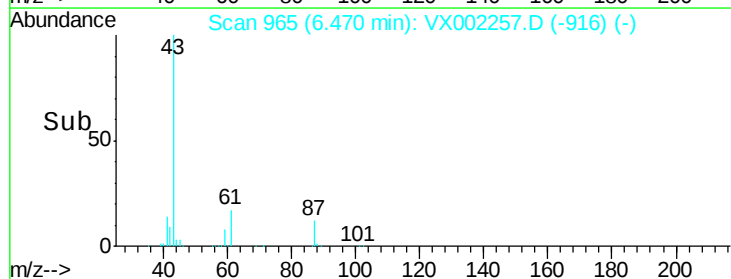
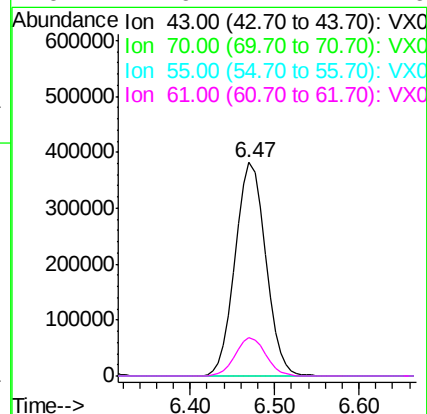
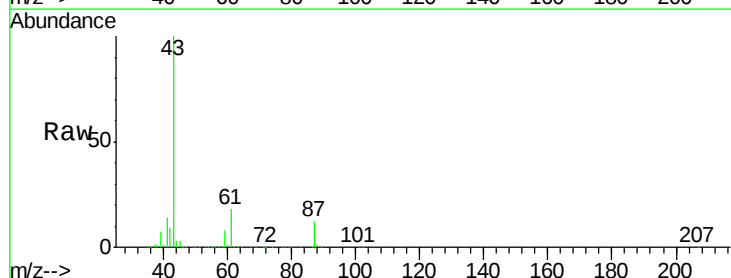
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 89.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

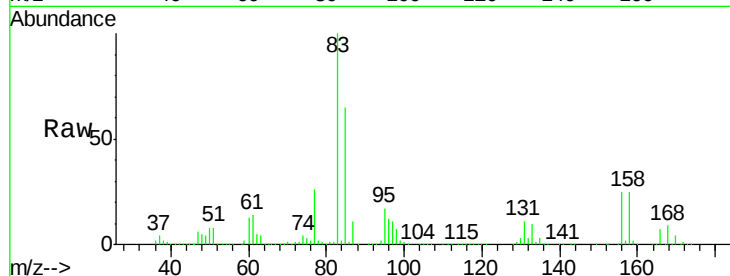
Tgt Ion: 83 Resp: 557925

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

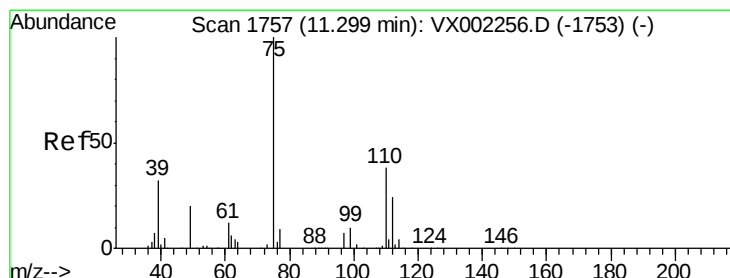
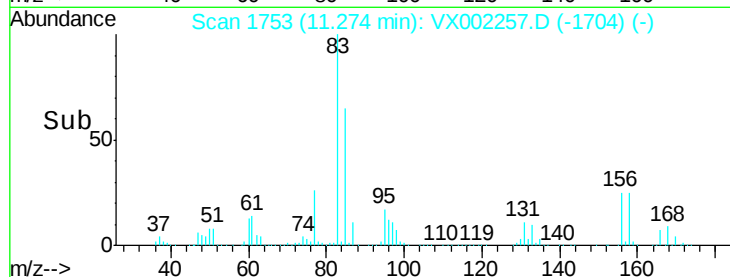
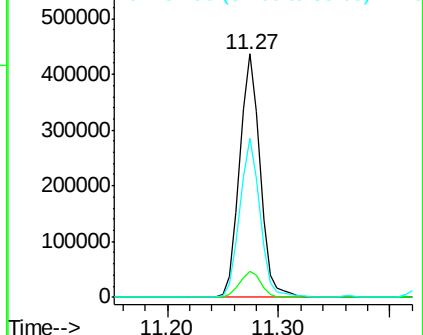
85 64.8 32.4 97.2



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: 122.62 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VX002257.D

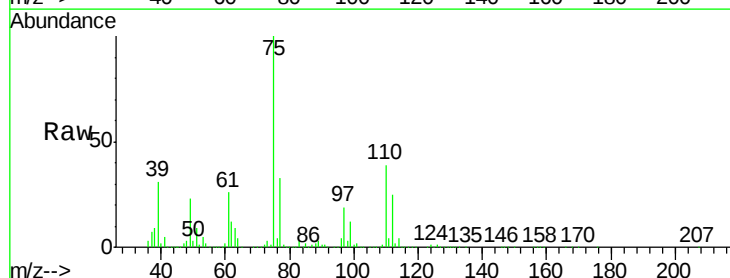
Acq: 04 Jun 2018 11:52

Tgt Ion: 75 Resp: 702675

Ion Ratio Lower Upper

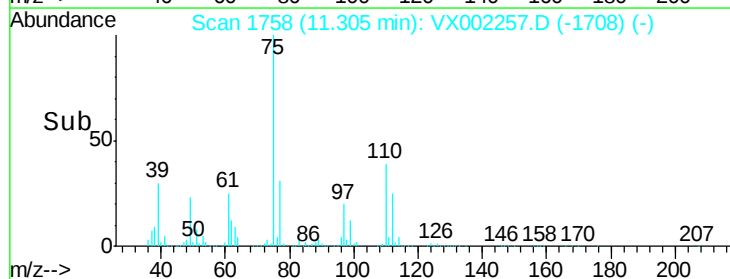
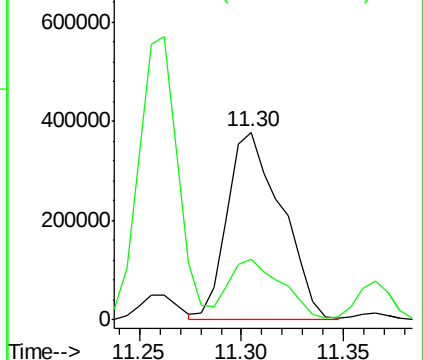
75 100

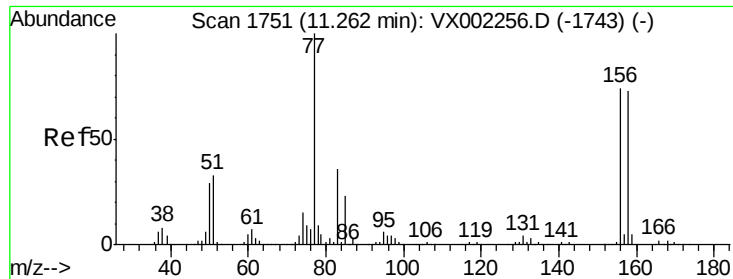
77 31.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 94.35 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

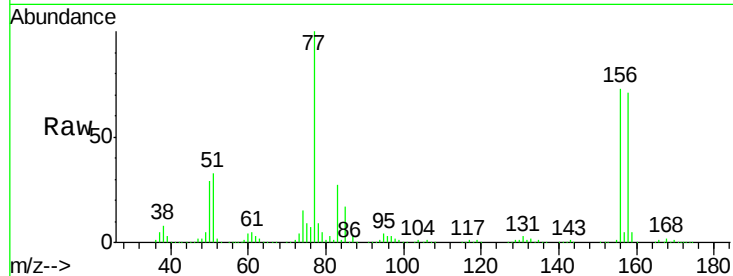
Tgt Ion:156 Resp: 526399

Ion Ratio Lower Upper

156 100

77 143.9 71.4 214.2

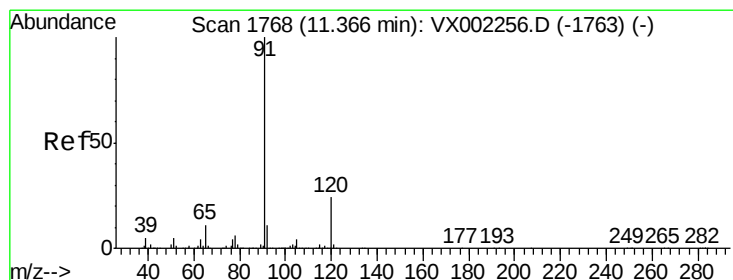
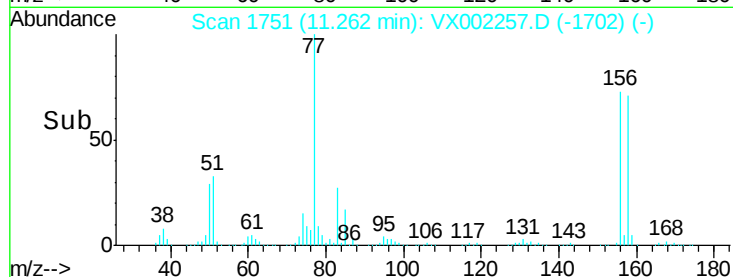
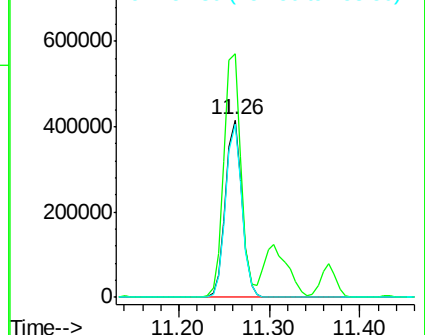
158 97.1 48.9 146.6



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: 100.70 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002257.D

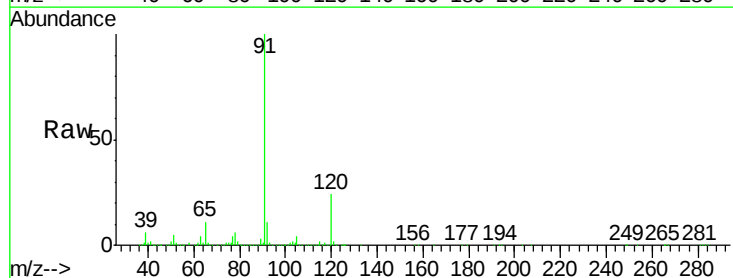
Acq: 04 Jun 2018 11:52

Tgt Ion: 91 Resp: 2224316

Ion Ratio Lower Upper

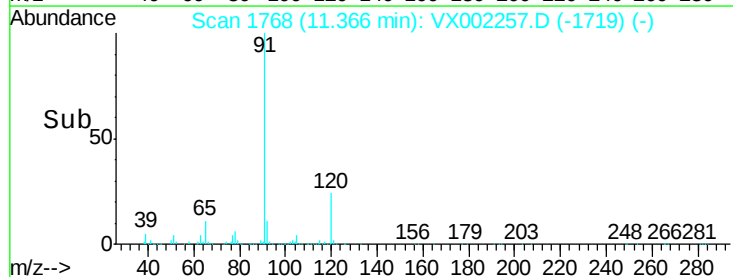
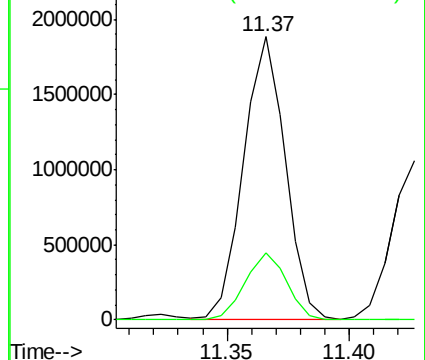
91 100

120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 93.69 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

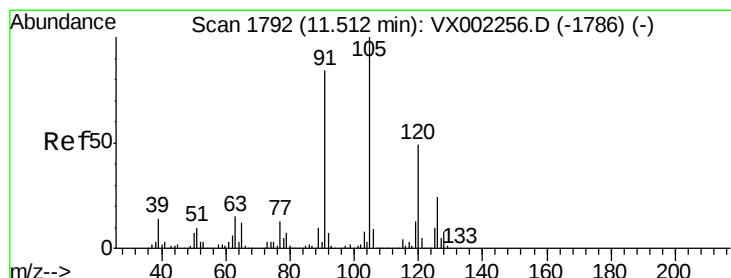
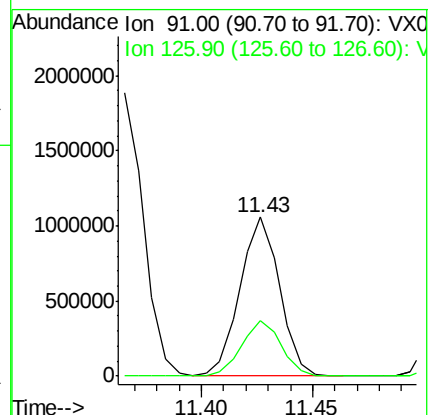
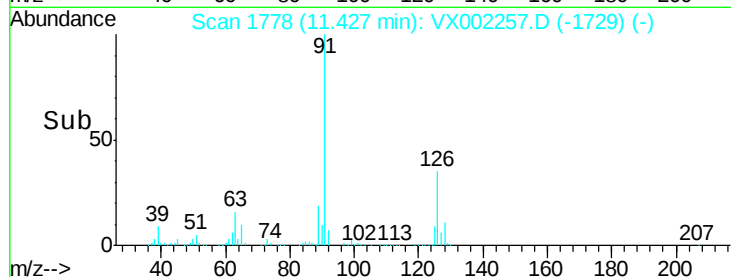
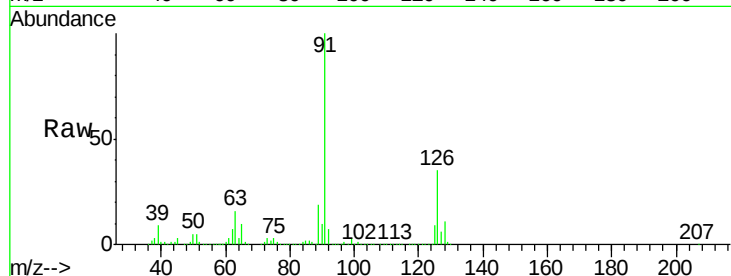
VSTDIC100

Tgt Ion: 91 Resp: 1306805

Ion Ratio Lower Upper

91 100

126 35.3 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 97.49 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002257.D

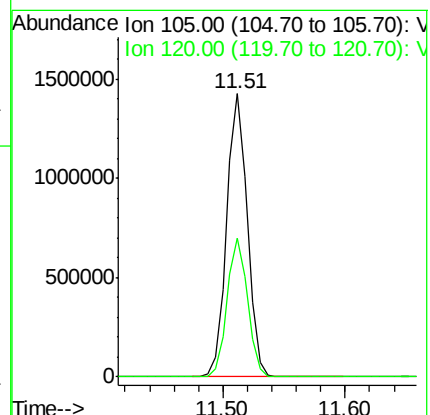
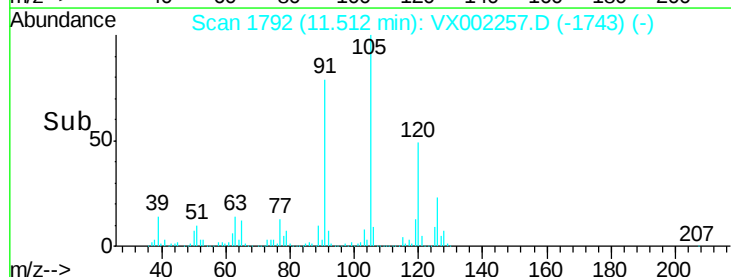
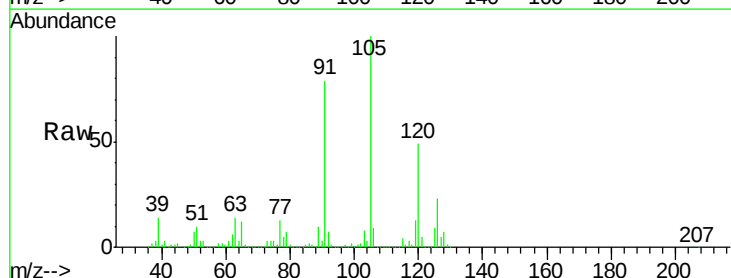
Acq: 04 Jun 2018 11:52

Tgt Ion: 105 Resp: 1661700

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 105.81 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

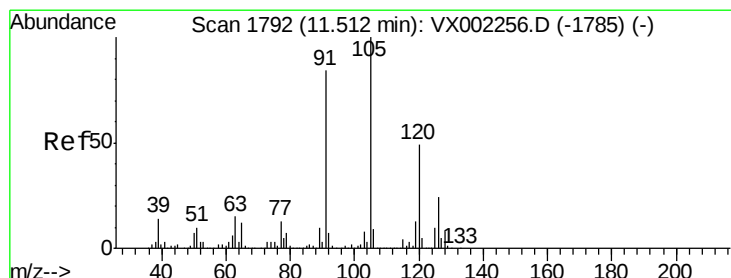
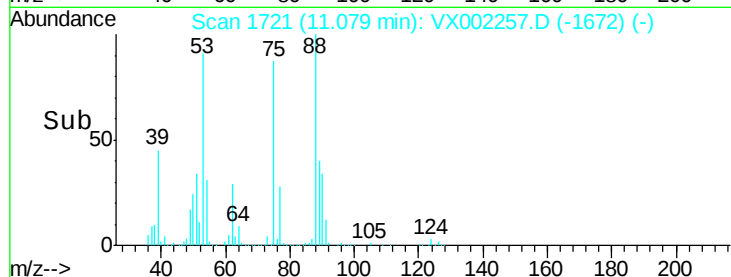
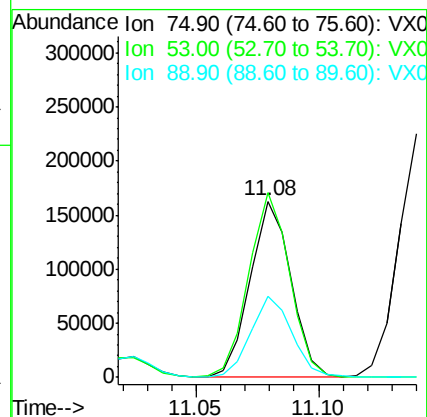
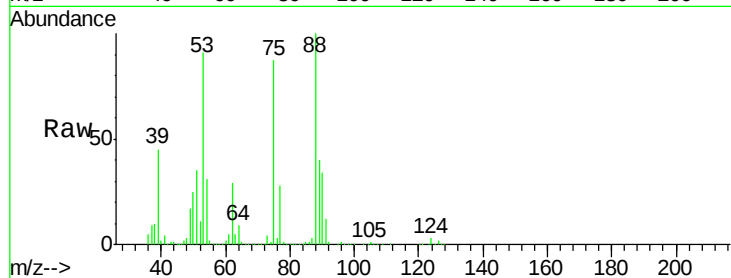
Tgt Ion: 75 Resp: 189221

Ion Ratio Lower Upper

75 100

53 105.3 86.8 130.2

89 47.4 38.2 57.2



#82

4-Chlorotoluene

Concen: 97.14 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX002257.D

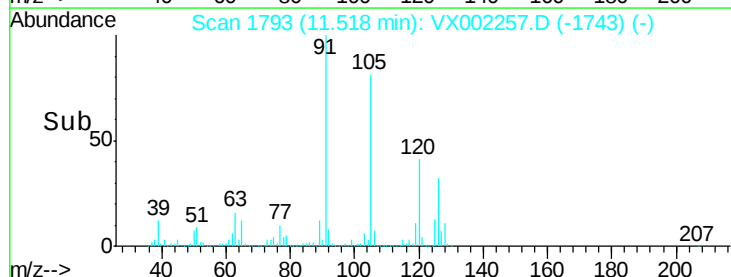
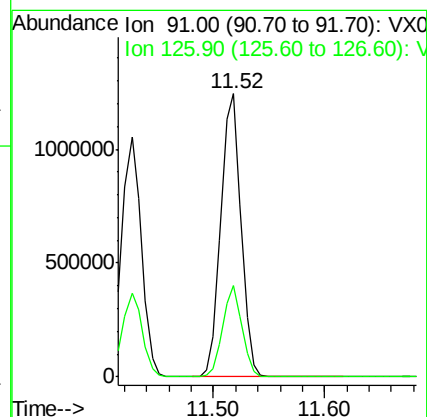
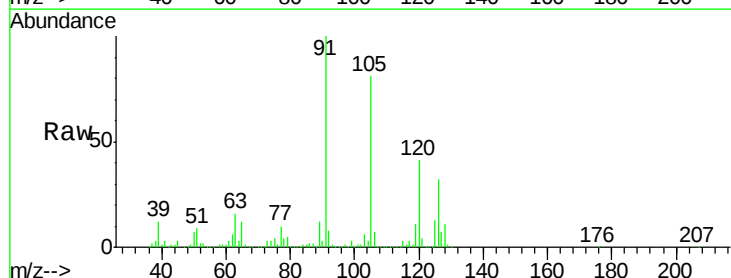
Acq: 04 Jun 2018 11:52

Tgt Ion: 91 Resp: 1563861

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.4

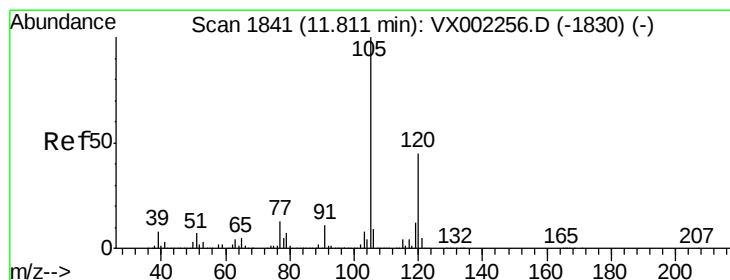
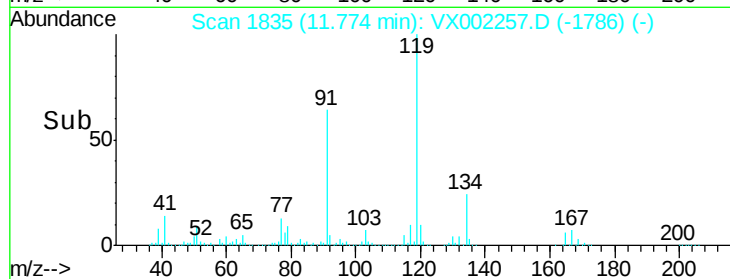
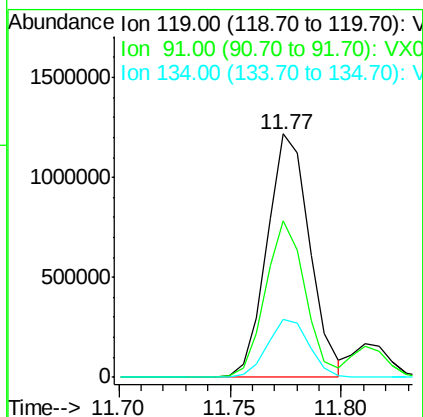
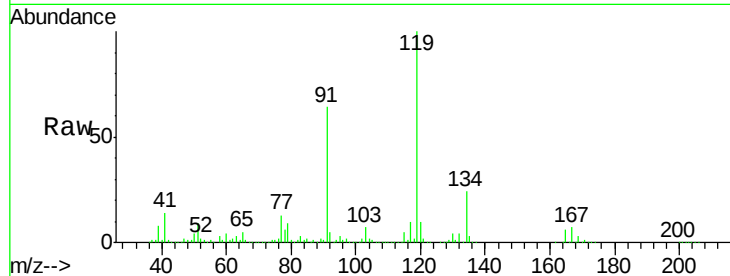




#83
 tert-Butylbenzene
 Concen: 97.40 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

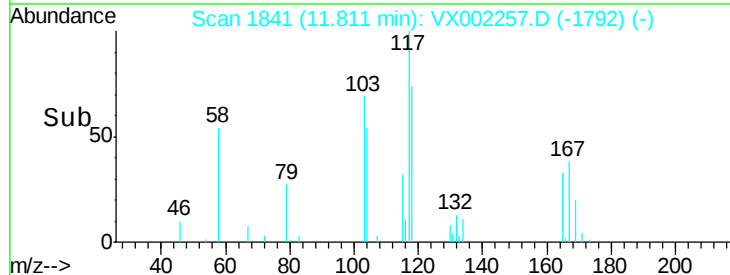
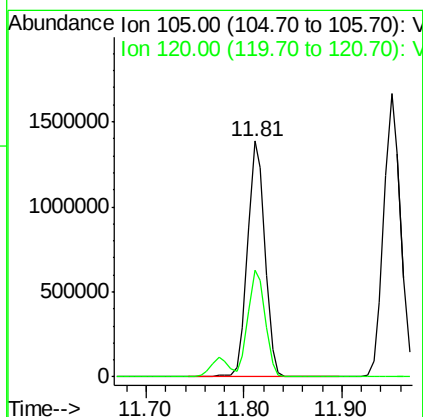
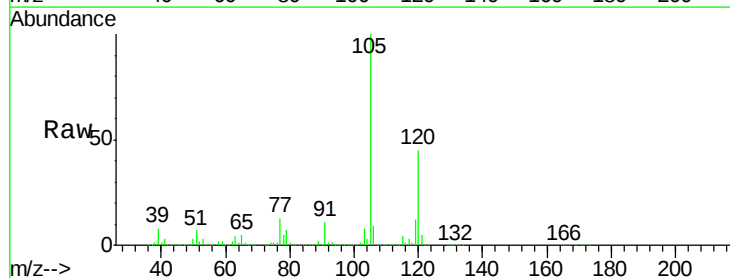
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

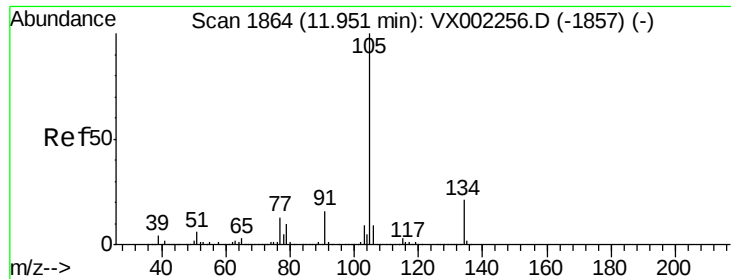
Tgt Ion:119 Resp: 1616656
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 97.06 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Tgt Ion:105 Resp: 1703066
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.8

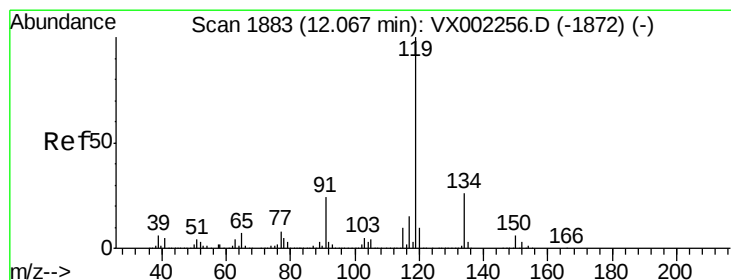
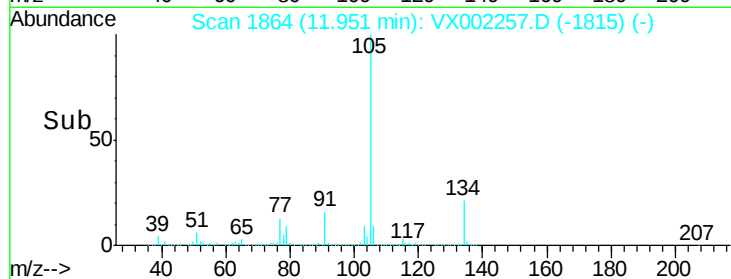
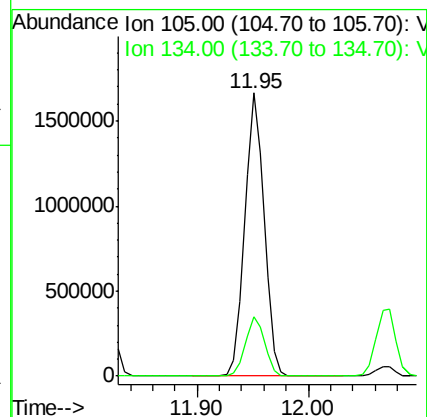
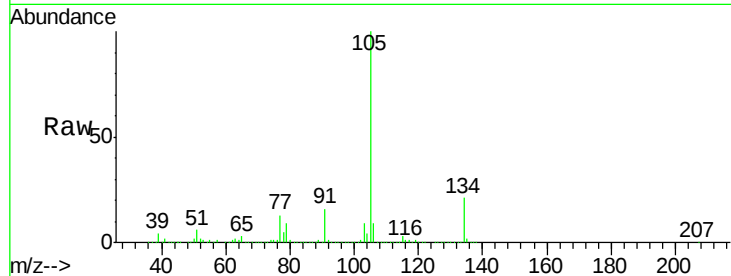




#85
 sec-Butylbenzene
 Concen: 102.79 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

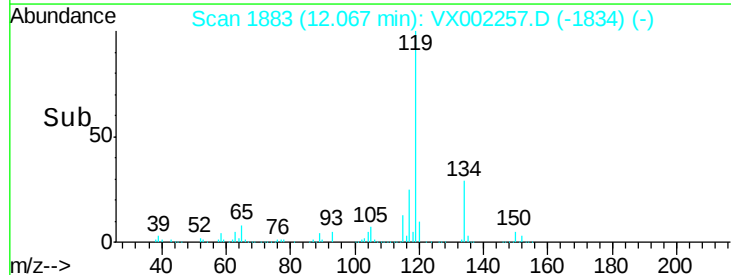
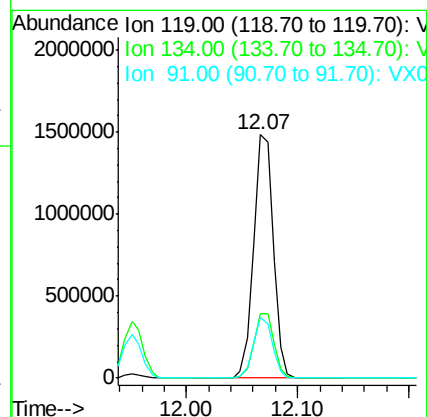
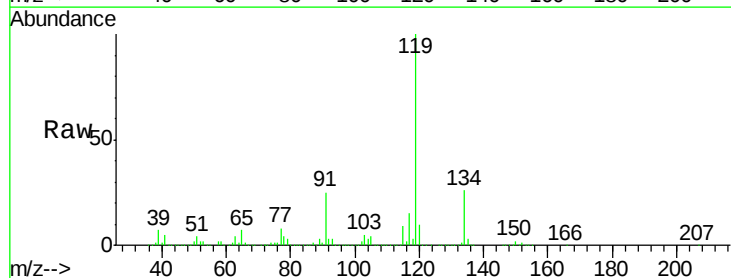
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

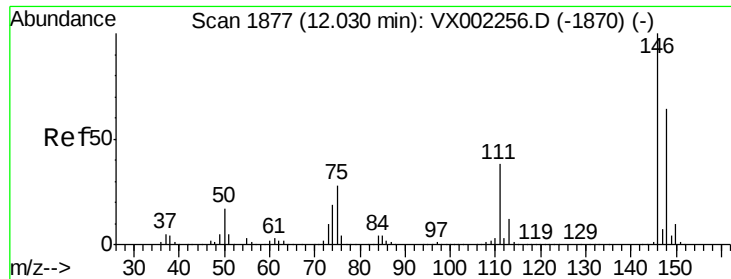
Tgt Ion:105 Resp: 2000312
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 102.92 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Tgt Ion:119 Resp: 1824326
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 24.1 11.9 35.7

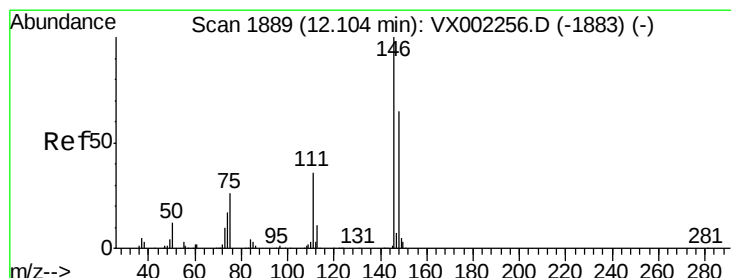
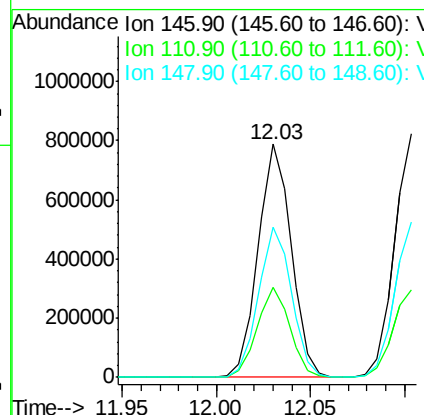
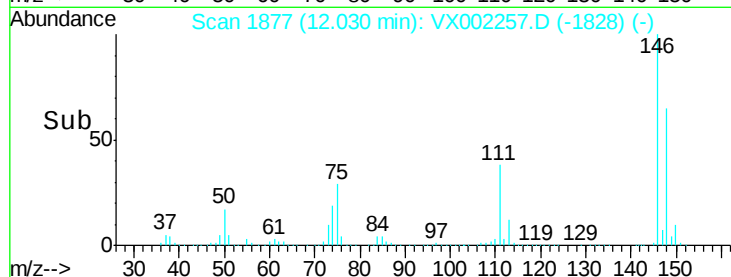
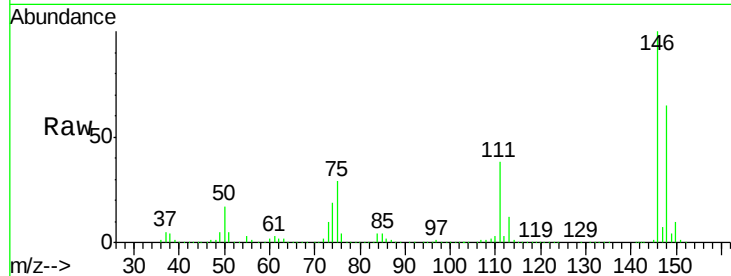




#87
 1,3-Dichlorobenzene
 Concen: 96.56 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

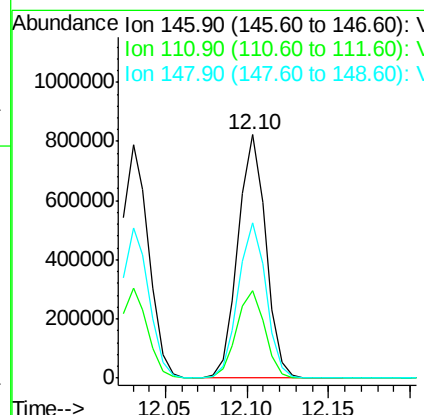
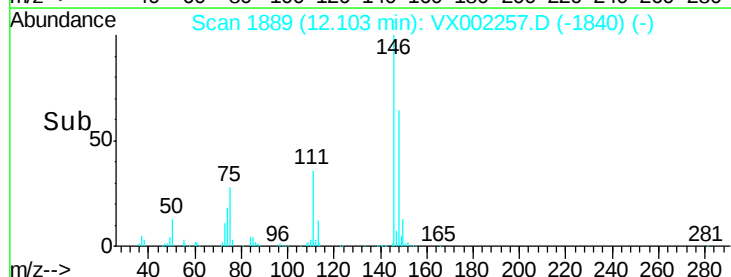
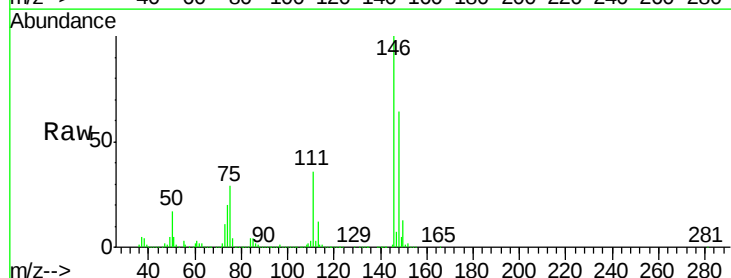
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

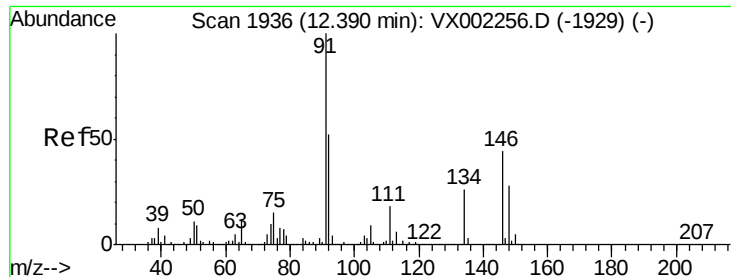
Tgt Ion:146 Resp: 963209
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.7
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 94.89 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Tgt Ion:146 Resp: 975713
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.7 56.1
 148 64.1 32.4 97.0

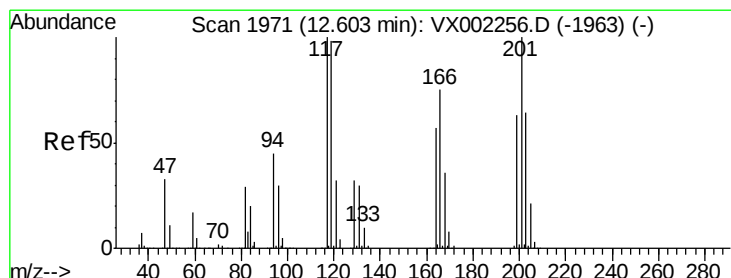
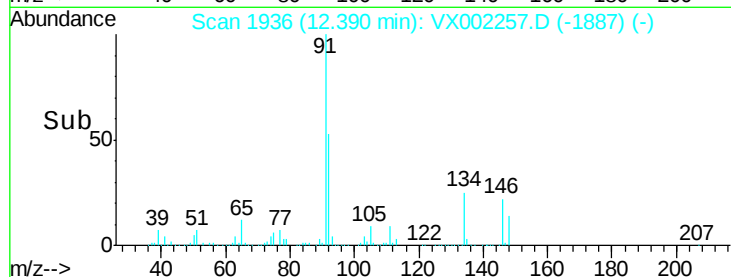
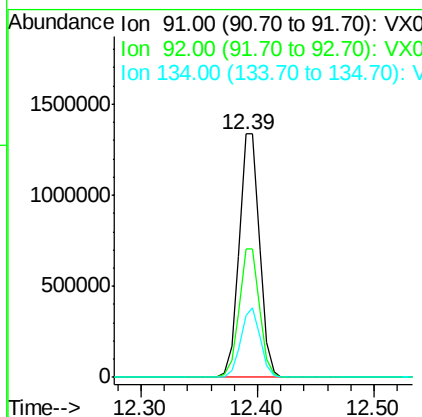
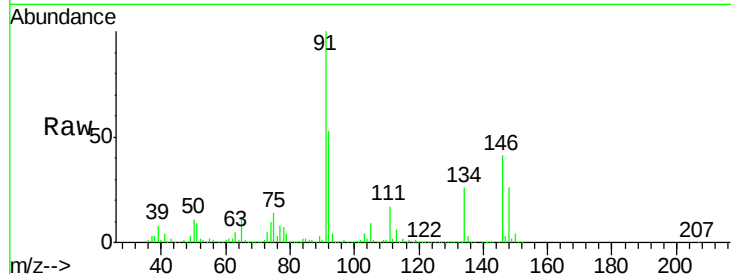




#89
n-Butylbenzene
Concen: 109.50 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

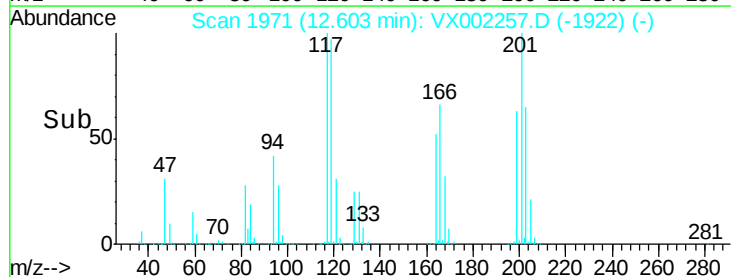
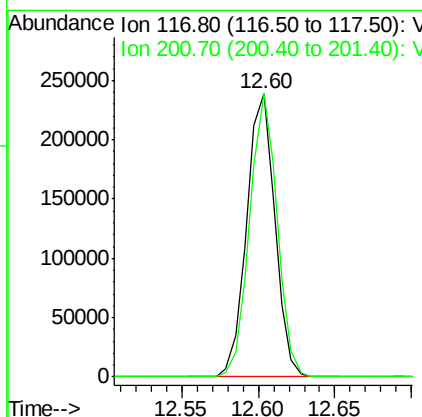
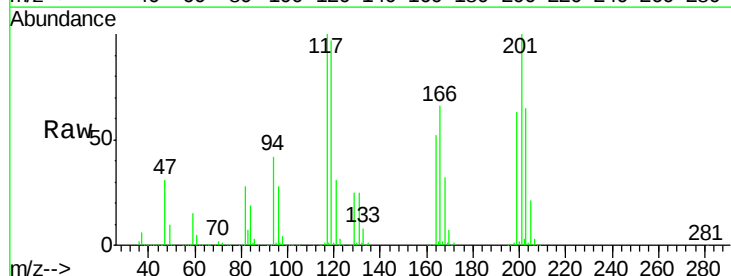
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

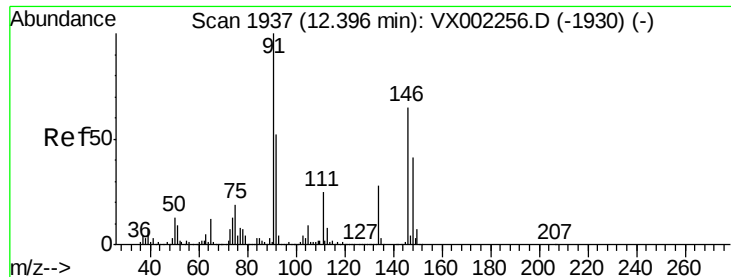
Tgt Ion: 91 Resp: 1627809
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 108.14 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002257.D
Acq: 04 Jun 2018 11:52

Tgt Ion: 117 Resp: 305985
Ion Ratio Lower Upper
117 100
201 97.5 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 93.55 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

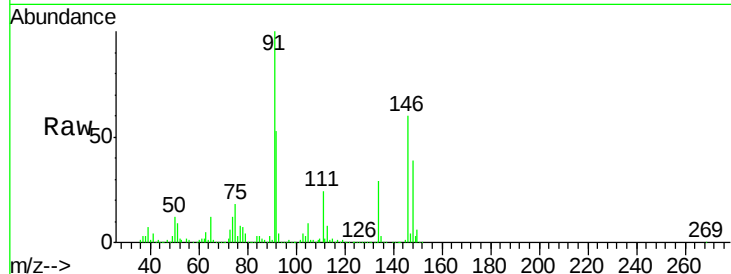
Tgt Ion:146 Resp: 965531

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.1

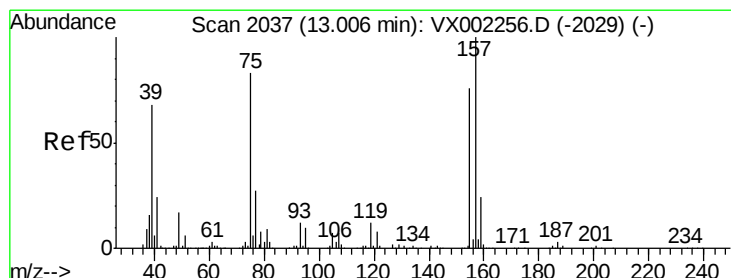
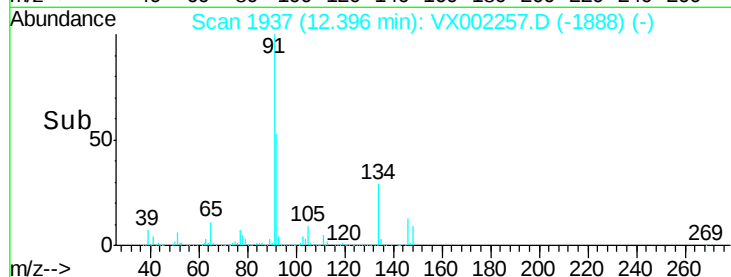
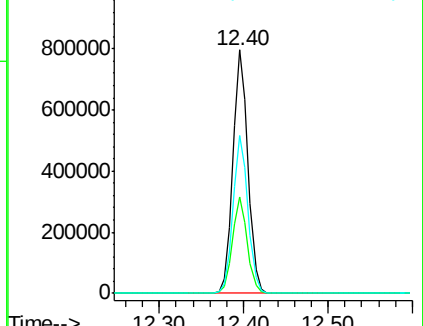
148 64.3 31.7 95.1



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: 100.64 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

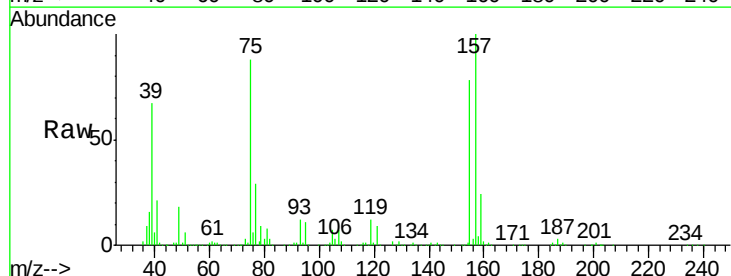
Tgt Ion: 75 Resp: 137563

Ion Ratio Lower Upper

75 100

155 91.4 45.8 137.4

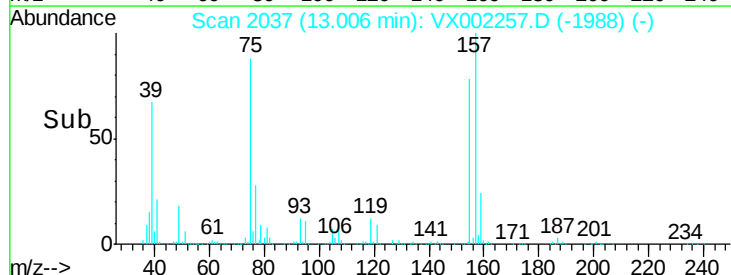
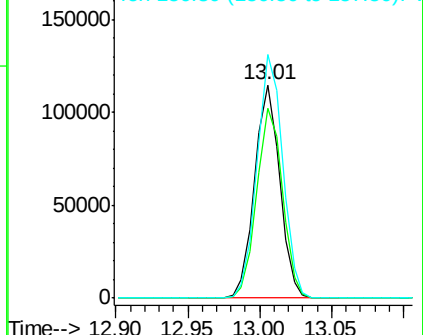
157 117.1 60.1 180.3

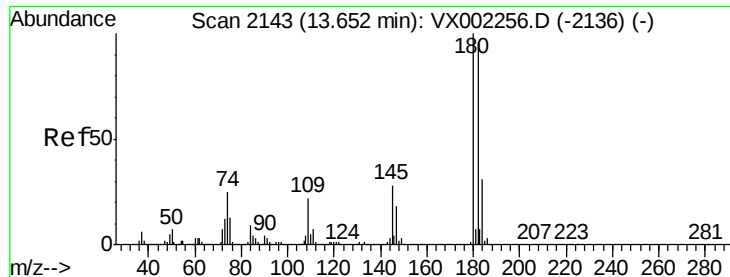


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

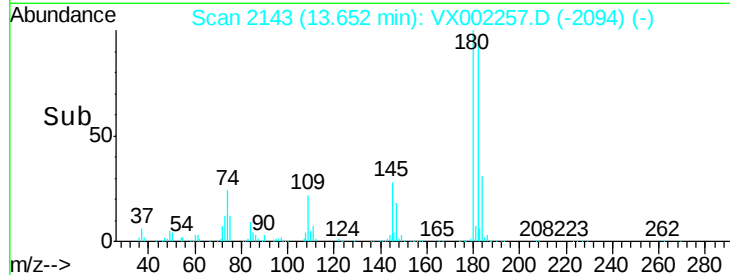
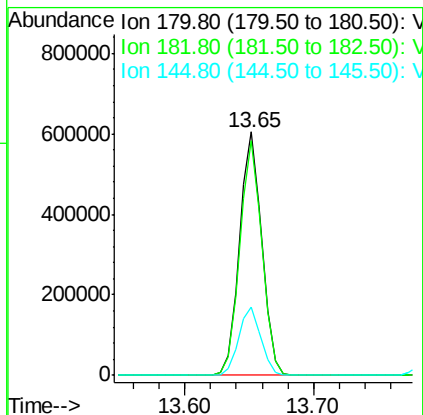
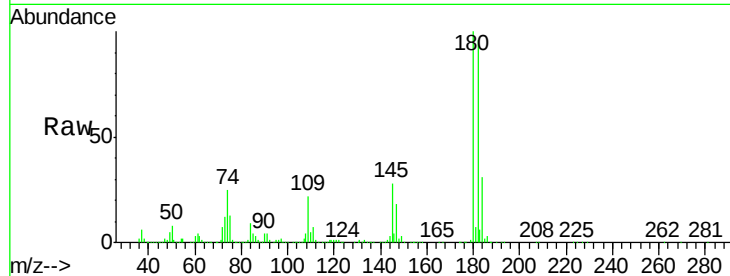




#93
 1,2,4-Trichlorobenzene
 Concen: 99.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

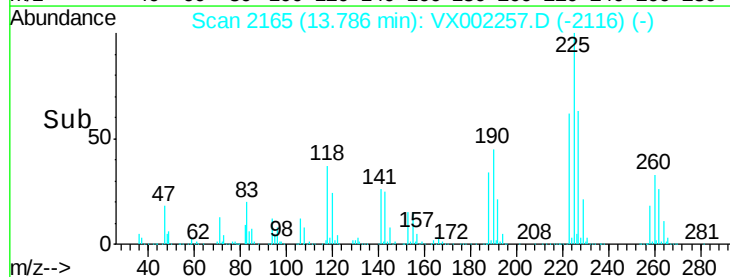
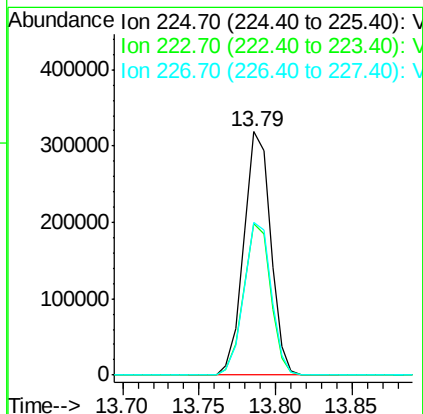
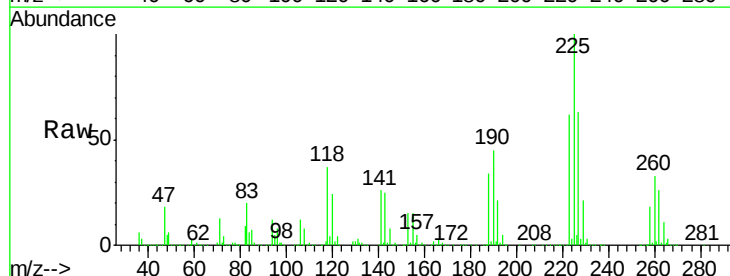
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 719060
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 108.64 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002257.D
 Acq: 04 Jun 2018 11:52

Tgt Ion:225 Resp: 388538
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.0 32.4 97.2





#95

Naphthalene

Concen: 96.32 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

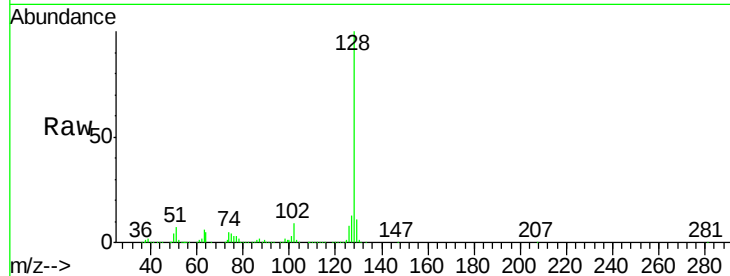
Tgt Ion:128 Resp: 2002913

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

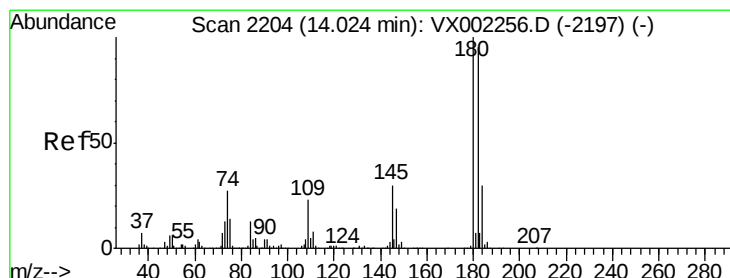
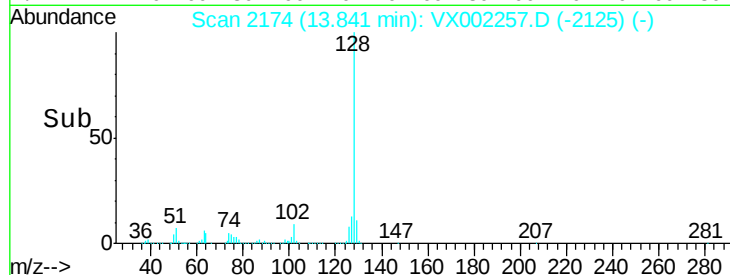
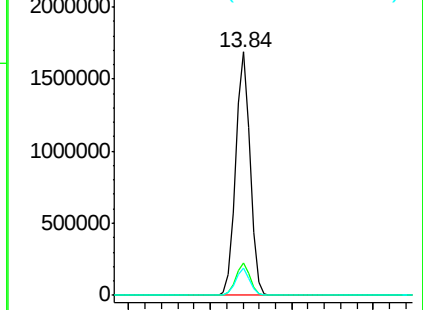
129 10.9 8.6 13.0



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: 97.43 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002257.D

Acq: 04 Jun 2018 11:52

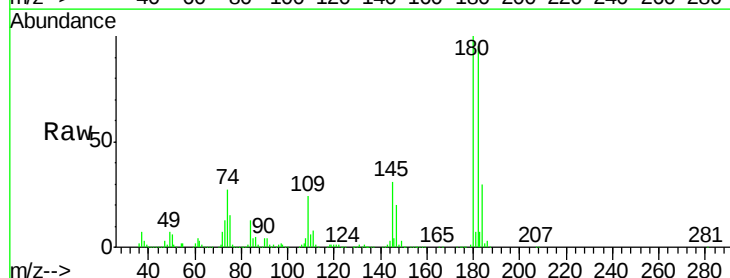
Tgt Ion:180 Resp: 719137

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

145 30.0 14.8 44.3



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

