

Data File : VX004194.D
Acq On : 22 Aug 2018 12:08
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 23 04:43:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	316797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	464289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	281822	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	404092	97.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.74%	
35) Dibromofluoromethane	5.50	113	348239	100.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.64%	
50) Toluene-d8	8.72	98	1331706	102.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.28%	
62) 4-Bromofluorobenzene	11.14	95	516341	106.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.28%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	381771	104.043	ug/l	97
3) Chloromethane	1.32	50	390071	91.193	ug/l	100
4) Vinyl Chloride	1.40	62	401021	96.612	ug/l	99
5) Bromomethane	1.63	94	201663	80.249	ug/l	100
6) Chloroethane	1.71	64	266728	83.637	ug/l	94
7) Trichlorofluoromethane	1.92	101	542013	95.288	ug/l	93
8) Diethyl Ether	2.19	74	232243	95.349	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	327624	91.958	ug/l	100
10) Methyl Iodide	2.51	142	403011	110.027	ug/l	99
11) Tert butyl alcohol	3.09	59	410274	466.136	ug/l	99
12) 1,1-Dichloroethene	2.37	96	313938	93.544	ug/l	98
13) Acrolein	2.29	56	104564	492.773	ug/l	97
14) Allyl chloride	2.72	41	598999	97.144	ug/l	99
15) Acrylonitrile	3.15	53	1013214	464.834	ug/l	99
16) Acetone	2.45	43	810215	413.026	ug/l	98
17) Carbon Disulfide	2.56	76	911682	92.386	ug/l	99
18) Methyl Acetate	2.78	43	585517	95.558	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1053609	95.263	ug/l	98
20) Methylene Chloride	2.85	84	356536	89.701	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	338848	91.218	ug/l	92
22) Diisopropyl ether	3.87	45	1095453	95.152	ug/l	98
23) Vinyl Acetate	3.82	43	4542739	486.842	ug/l	97
24) 1,1-Dichloroethane	3.69	63	629017	93.752	ug/l	99
25) 2-Butanone	4.71	43	1343634	438.518	ug/l	100
26) 2,2-Dichloropropane	4.58	77	503738	95.724	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	398514	94.586	ug/l	100
28) Bromochloromethane	5.02	49	289364	97.414	ug/l	100
29) Tetrahydrofuran	5.16	42	858556	483.957	ug/l	100
30) Chloroform	5.21	83	633313	94.145	ug/l	98
31) Cyclohexane	5.57	56	577909	99.829	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	548259	97.739	ug/l	99
36) 1,1-Dichloropropene	5.80	75	492552	94.365	ug/l	99
37) Ethyl Acetate	4.86	43	502523	97.891	ug/l	100
38) Carbon Tetrachloride	5.78	117	487693	99.323	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	599835	100.653	ug/l	99
40) Benzene	6.14	78	1499331	96.132	ug/l	100
41) Methacrylonitrile	5.06	41	288879	97.084	ug/l	99
42) 1,2-Dichloroethane	6.20	62	500831	94.139	ug/l	100
43) Isopropyl Acetate	6.46	43	813811	103.170	ug/l	99
44) Trichloroethene	7.21	130	404427	93.676	ug/l	99
45) 1,2-Dichloropropane	7.52	63	380466	97.467	ug/l	100
46) Dibromomethane	7.66	93	249480	95.987	ug/l	99
47) Bromodichloromethane	7.90	83	489629	101.240	ug/l	99
48) Methyl methacrylate	7.78	41	440316	104.322	ug/l	100
49) 1,4-Dioxane	7.76	88	191828	2001.763	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2730442	476.409	ug/l	99
52) Toluene	8.79	92	963835	98.723	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	570978	106.890	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	611991	105.180	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	383193	97.229	ug/l	99
56) Ethyl methacrylate	9.18	69	589144	109.811	ug/l	99
57) 1,3-Dichloropropane	9.37	76	650195	97.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1558746	567.024	ug/l	100
59) 2-Hexanone	9.50	43	2122662	485.465	ug/l	99
60) Dibromochloromethane	9.59	129	402835	104.911	ug/l	100
61) 1,2-Dibromoethane	9.68	107	404279	99.123	ug/l	99
64) Tetrachloroethene	9.34	164	382530	92.487	ug/l	99
65) Chlorobenzene	10.14	112	1033362	98.341	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	371182	102.415	ug/l	96
67) Ethyl Benzene	10.25	91	1719229	100.744	ug/l	100
68) m/p-Xylenes	10.36	106	1362329	204.161	ug/l	98
69) o-Xylene	10.70	106	649652	102.924	ug/l	96
70) Styrene	10.71	104	1082055	105.875	ug/l	98
71) Bromoform	10.86	173	313927	107.453	ug/l	97
73) Isopropylbenzene	11.02	105	1851598	100.034	ug/l	99
74) N-amyl acetate	10.90	43	753556	105.736	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	615033	94.950	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	721213	129.618	ug/l	86
77) Bromobenzene	11.26	156	502006	96.684	ug/l	99
78) n-propylbenzene	11.36	91	2120136	99.590	ug/l	99
79) 2-Chlorotoluene	11.42	91	1269542	96.887	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1564326	102.053	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	199415	112.883	ug/l	94
82) 4-Chlorotoluene	11.51	91	1504780	97.593	ug/l	99
83) tert-Butylbenzene	11.77	119	1595421	103.448	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1612253	102.465	ug/l	99
85) sec-Butylbenzene	11.94	105	1873355	102.313	ug/l	100
86) p-Isopropyltoluene	12.07	119	1713527	104.425	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	925056	94.627	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	944482	91.873	ug/l	99
89) n-Butylbenzene	12.39	91	1373488	102.935	ug/l	97
90) Hexachloroethane	12.60	117	243279	106.072	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	873800	97.799	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	115767	101.470	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
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	656662	101.013	ug/l	100
94) Hexachlorobutadiene	13.79	225	302767	94.869	ug/l	97
95) Naphthalene	13.83	128	2004622	109.026	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	695917	101.124	ug/l	99

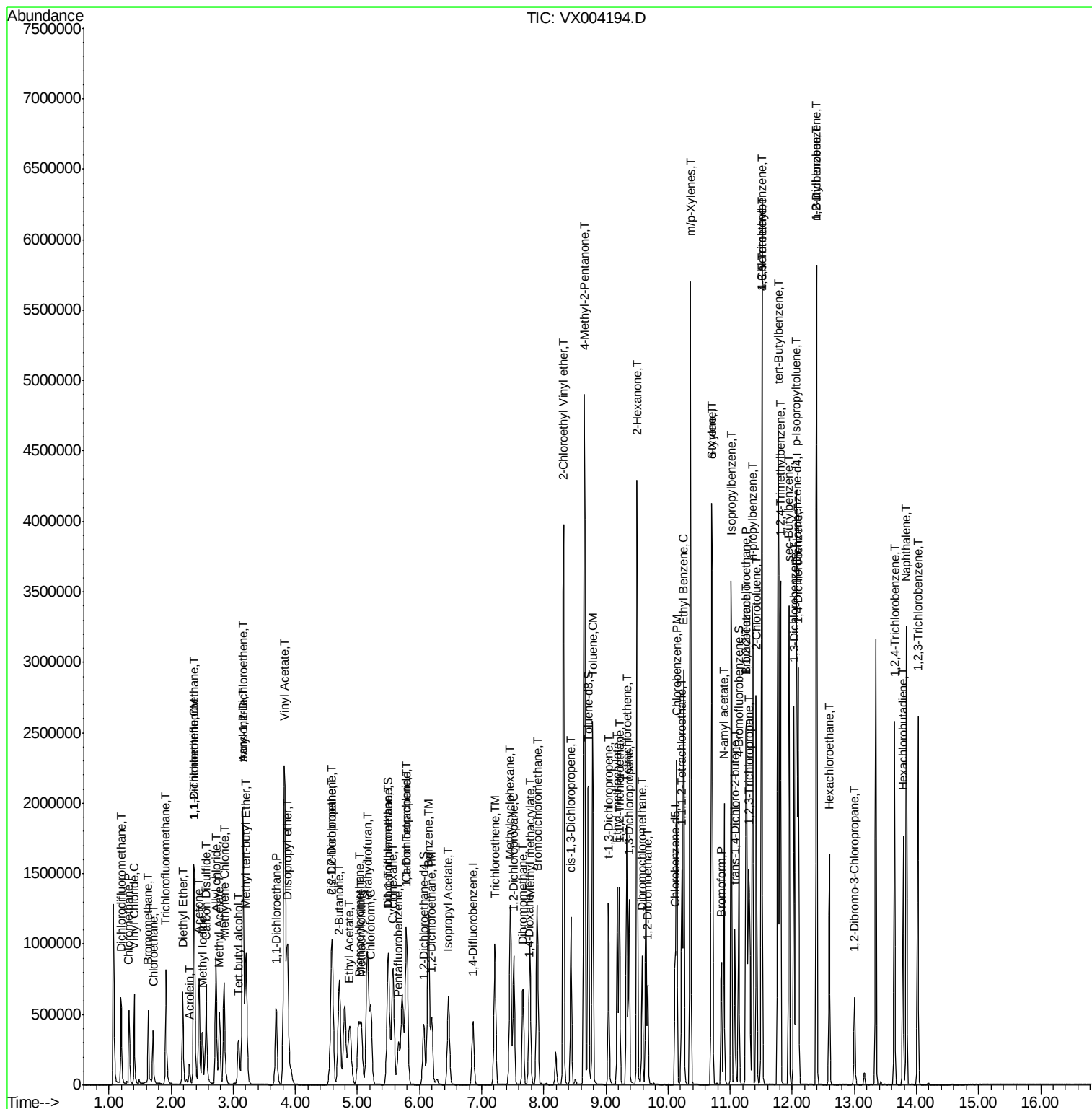
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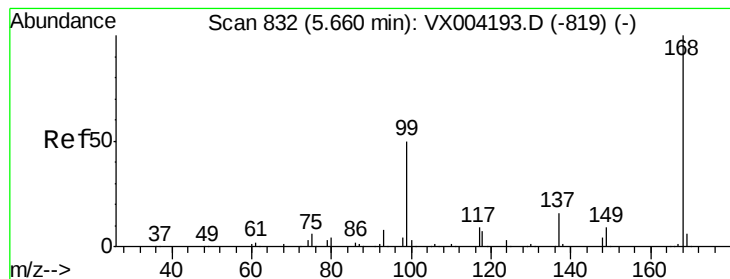
Data File : VX004194.D

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Acq On       : 22 Aug 2018   12:08
Operator    : JC/MD
Sample      : VSTDICC100
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 6      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 23 04:43:36 2018
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

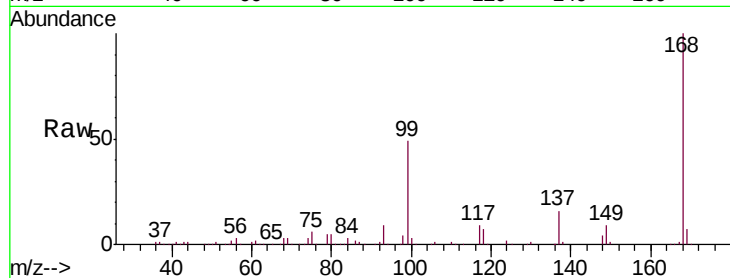
VSTDICC100

Tgt Ion:168 Resp: 316797

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004193.D (-819) (-)

Ion 98.90 (98.60 to 99.60): VX004193.D (-819) (-)

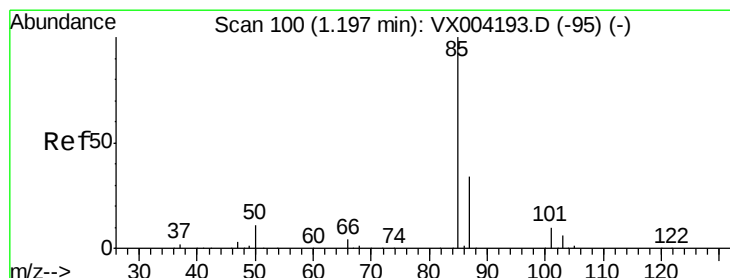
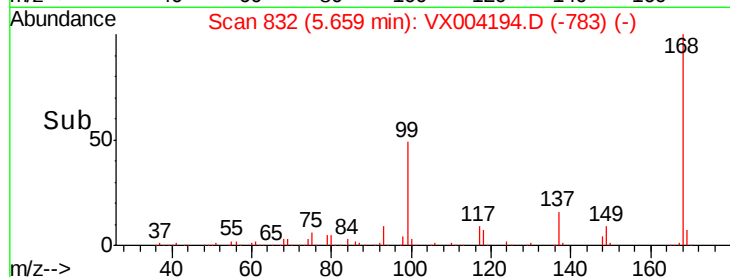
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 104.043 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004194.D

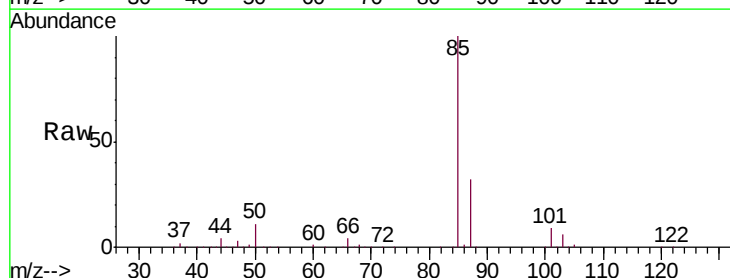
Acq: 22 Aug 2018 12:08

Tgt Ion: 85 Resp: 381771

Ion Ratio Lower Upper

85 100

87 32.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX004193.D (-95) (-)

Ion 86.90 (86.60 to 87.60): VX004193.D (-95) (-)

1.19

400000

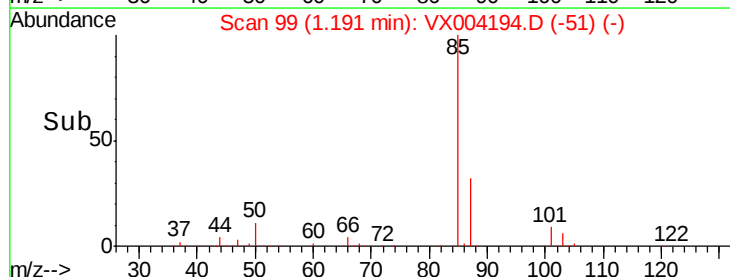
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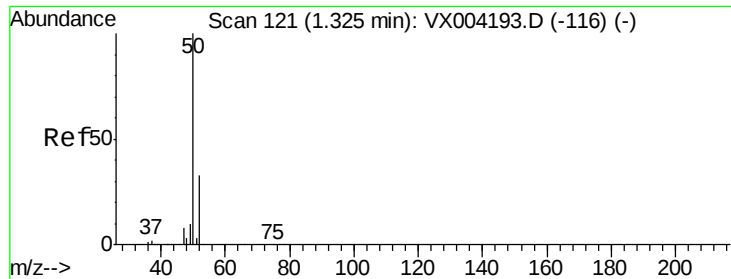
200000

100000

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Time-->





#3

Chloromethane

Concen: 91.193 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

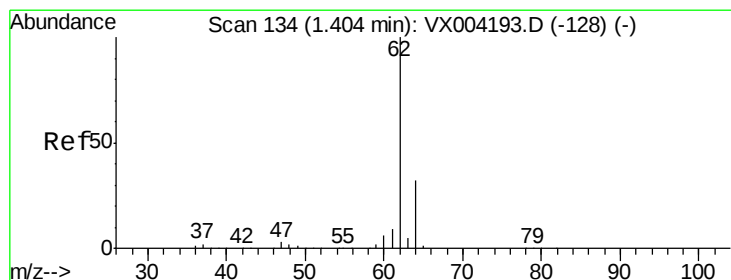
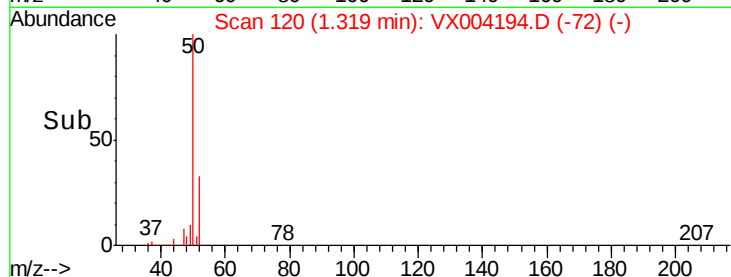
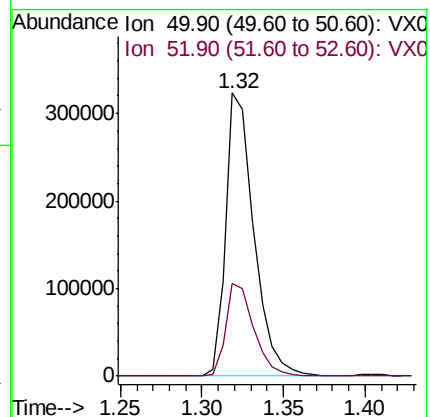
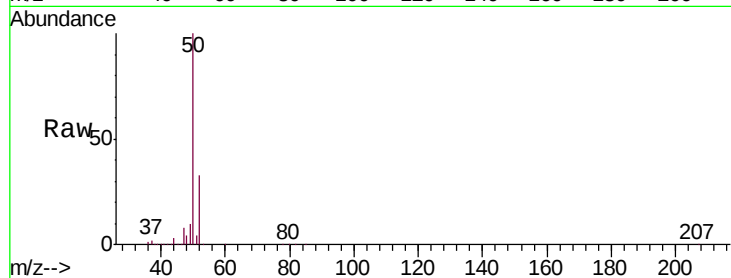
VSTDIC100

Tgt Ion: 50 Resp: 390071

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 96.612 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004194.D

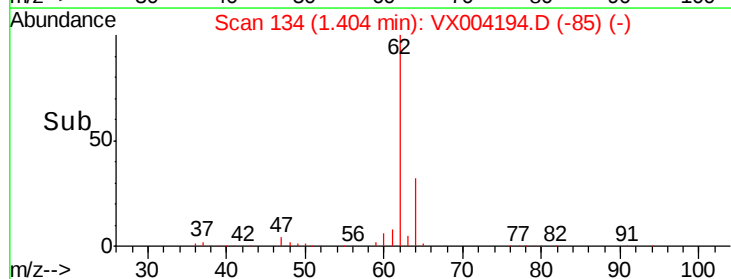
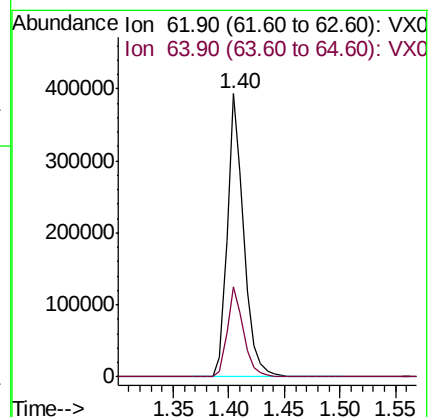
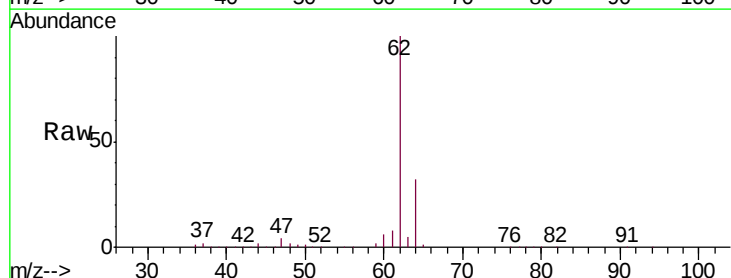
Acq: 22 Aug 2018 12:08

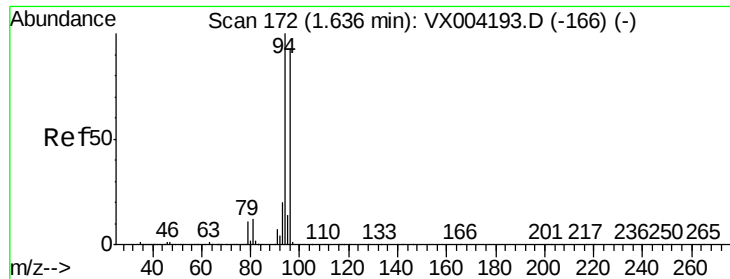
Tgt Ion: 62 Resp: 401021

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 80.249 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

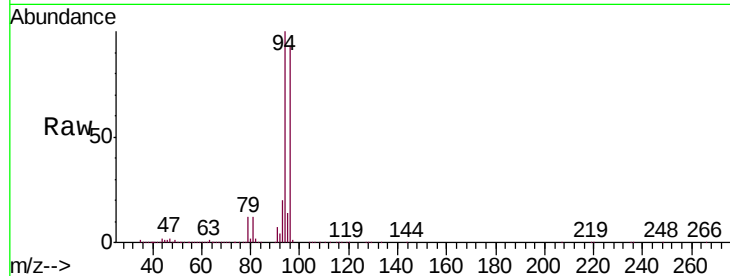
VSTDIC100

Tgt Ion: 94 Resp: 201663

Ion Ratio Lower Upper

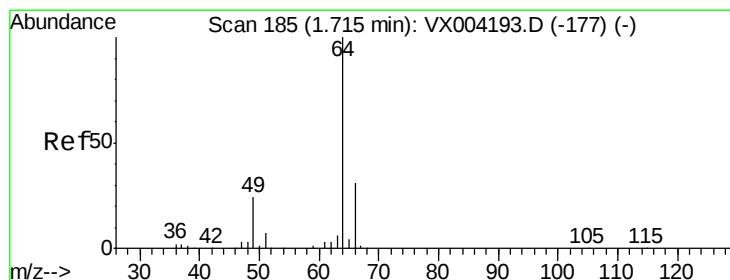
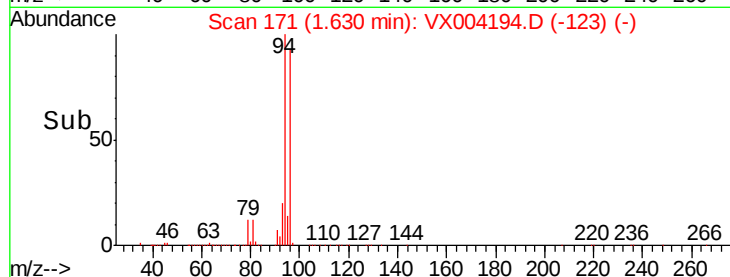
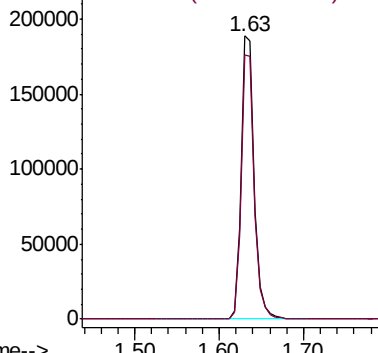
94 100

96 93.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 83.637 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004194.D

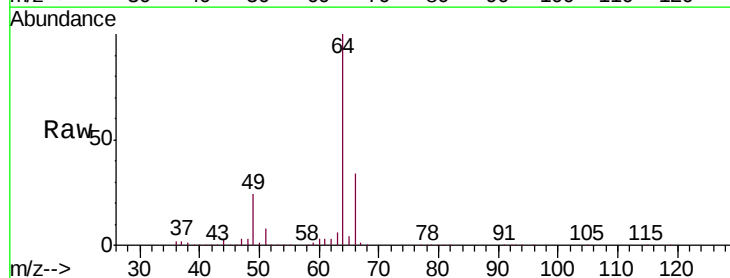
Acq: 22 Aug 2018 12:08

Tgt Ion: 64 Resp: 266728

Ion Ratio Lower Upper

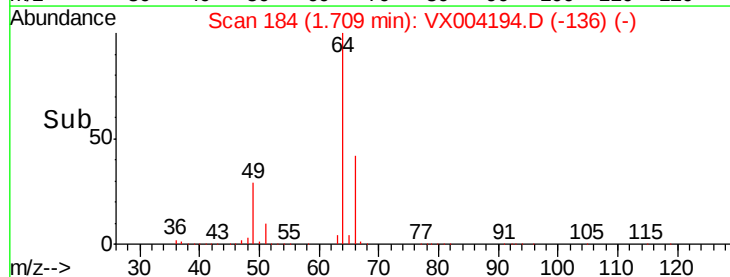
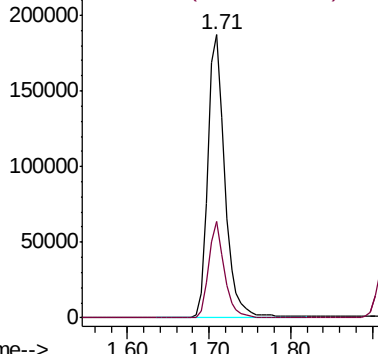
64 100

66 34.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



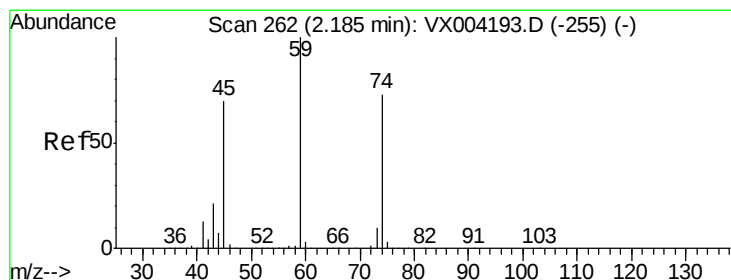
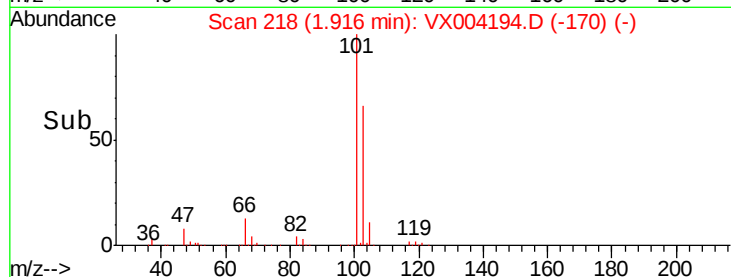
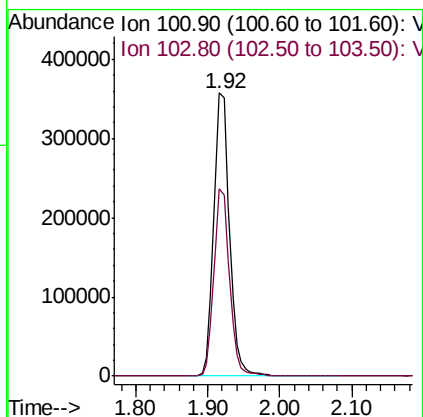
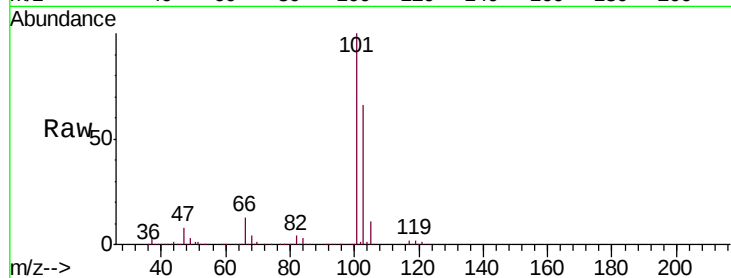


#7

Trichlorofluoromethane
Concen: 95.288 ug/l
RT: 1.92 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Instrument :
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VSTDIC100

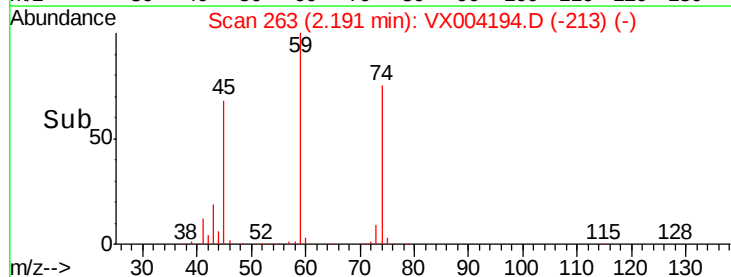
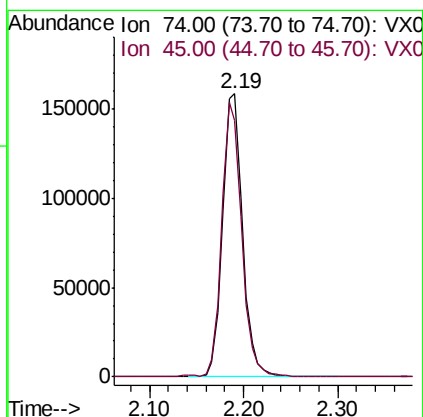
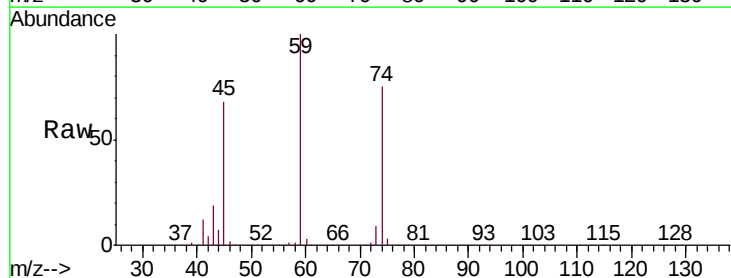
Tgt Ion: 101 Resp: 542013
Ion Ratio Lower Upper
101 100
103 66.3 48.9 73.3

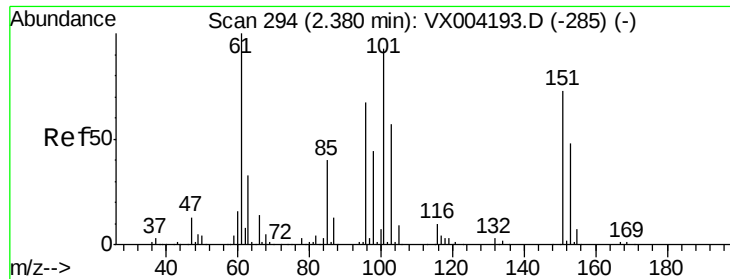


#8

Diethyl Ether
Concen: 95.349 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.01 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion: 74 Resp: 232243
Ion Ratio Lower Upper
74 100
45 96.9 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.958 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

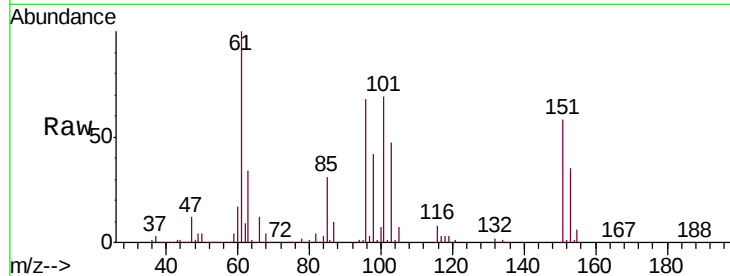
Tgt Ion:101 Resp: 327624

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

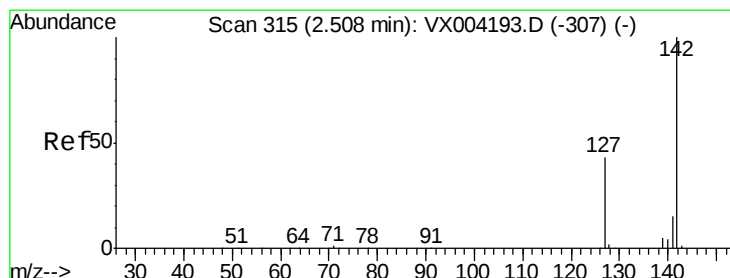
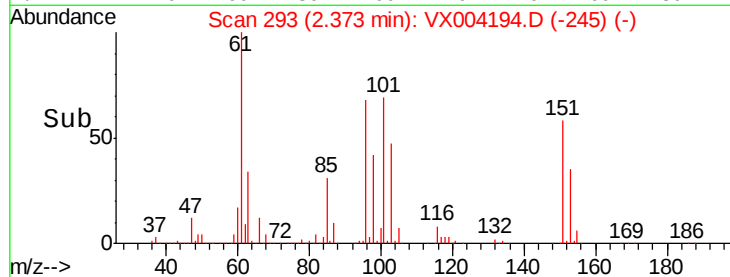
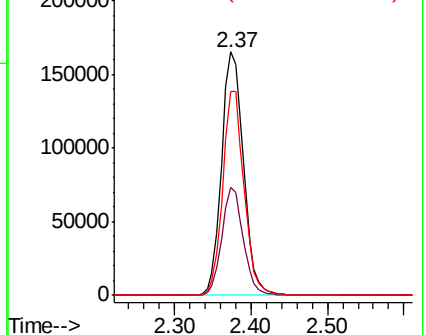
151 81.7 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 110.027 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

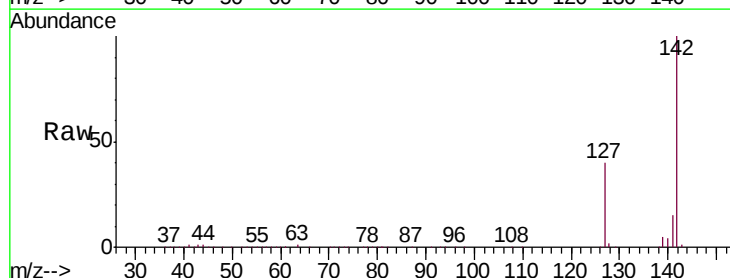
Tgt Ion:142 Resp: 403011

Ion Ratio Lower Upper

142 100

127 41.1 33.8 50.6

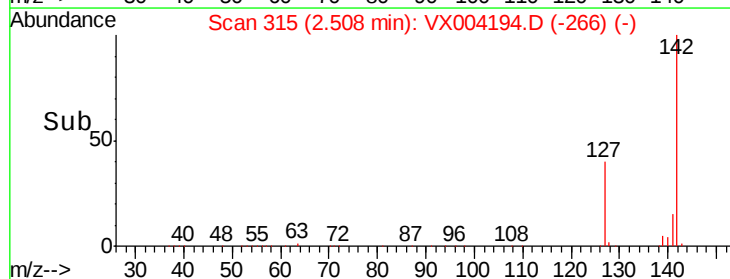
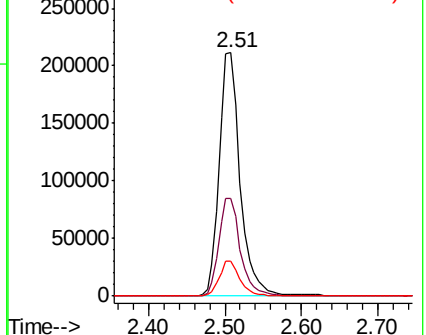
141 14.3 11.4 17.0

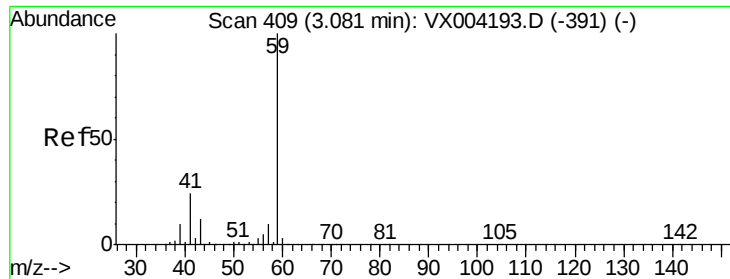


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

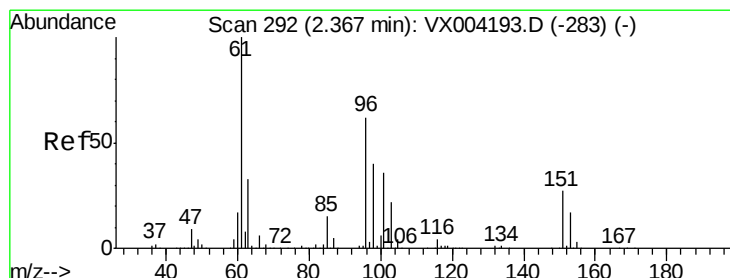
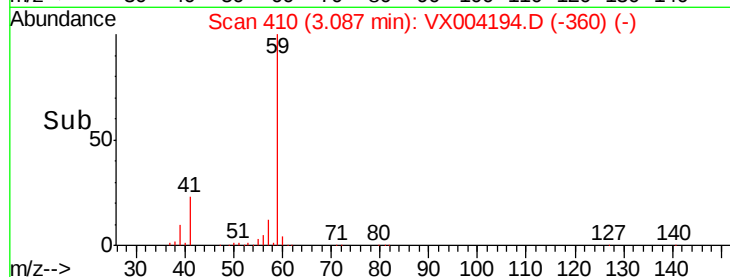
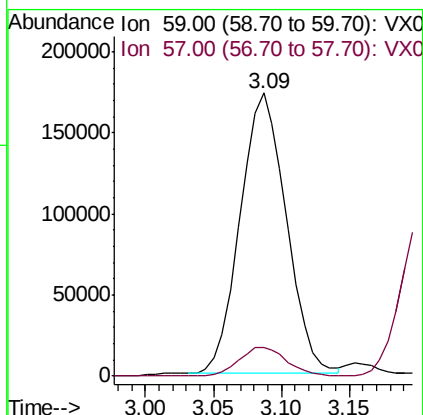
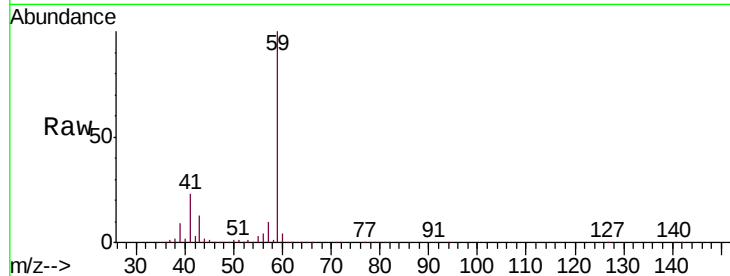




#11
Tert butyl alcohol
Concen: 466.136 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

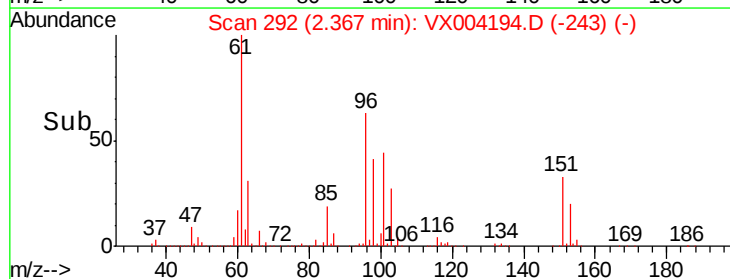
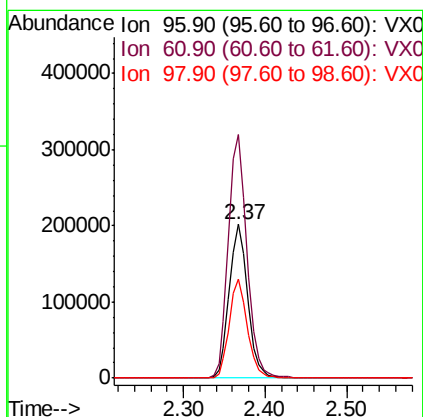
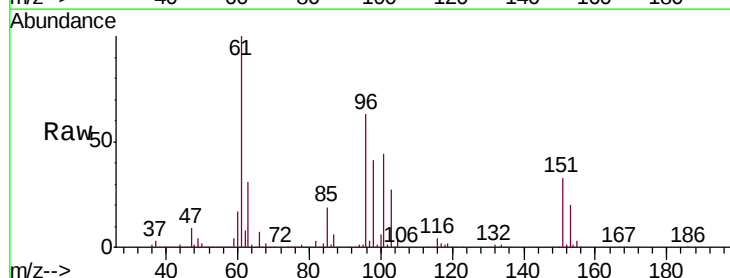
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

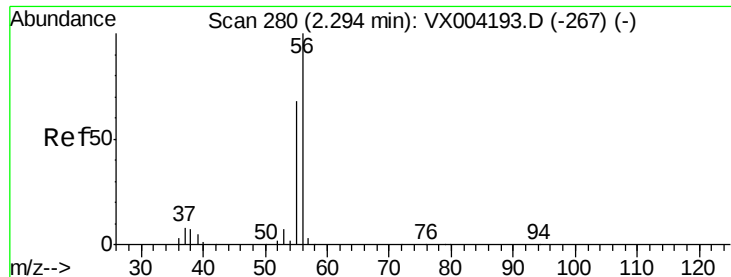
Tgt Ion: 59 Resp: 410274
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 93.544 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion: 96 Resp: 313938
Ion Ratio Lower Upper
96 100
61 158.2 128.8 193.2
98 64.5 52.2 78.2





#13

Acrolein

Concen: 492.773 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

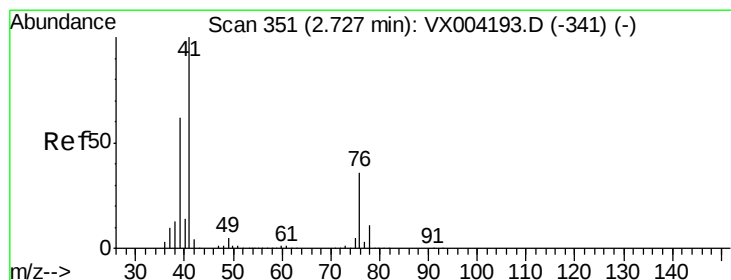
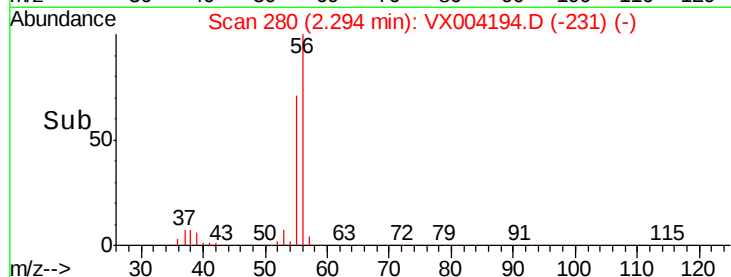
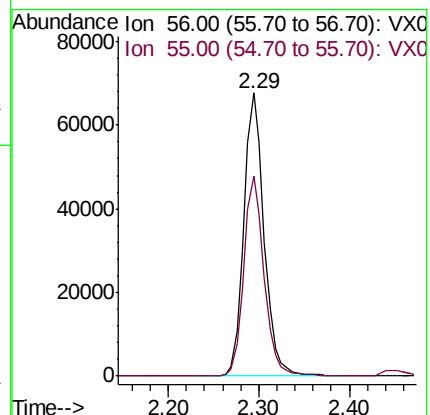
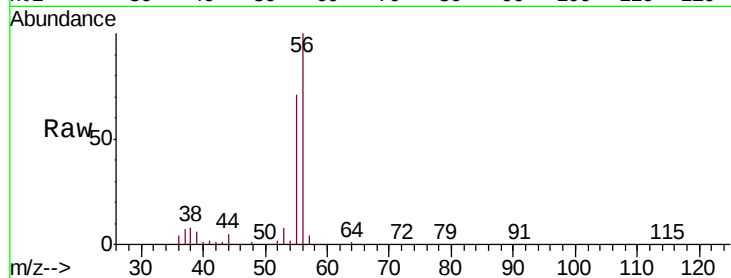
VSTDIC100

Tgt Ion: 56 Resp: 104564

Ion Ratio Lower Upper

56 100

55 71.0 54.7 82.1



#14

Allyl chloride

Concen: 97.144 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

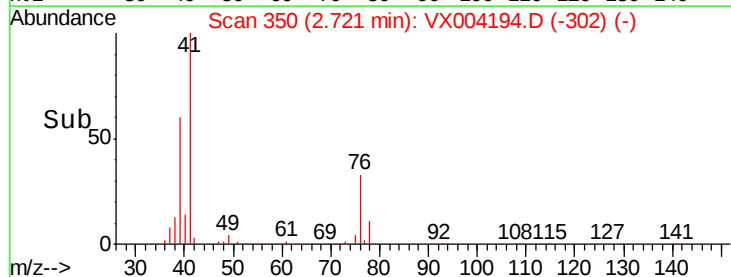
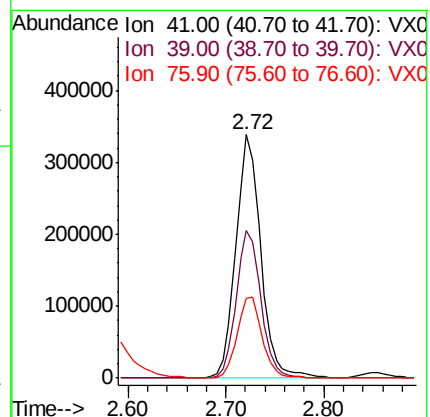
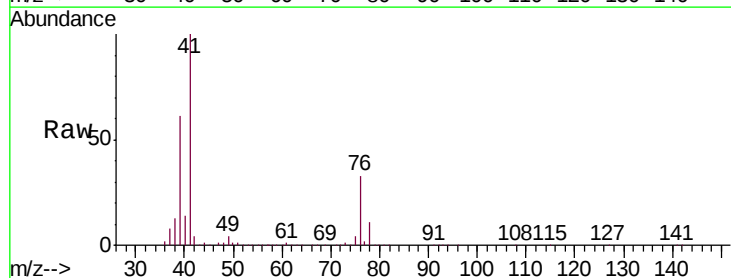
Tgt Ion: 41 Resp: 598999

Ion Ratio Lower Upper

41 100

39 60.2 48.9 73.3

76 33.4 26.7 40.1





#15

Acrylonitrile

Concen: 464.834 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

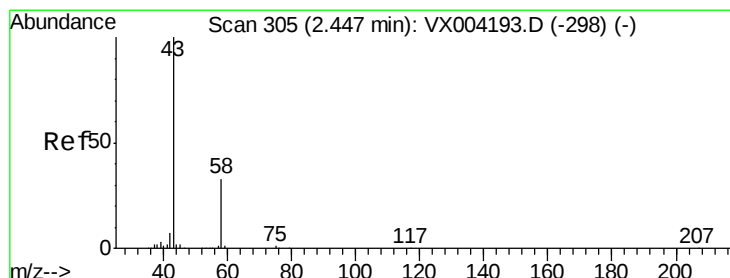
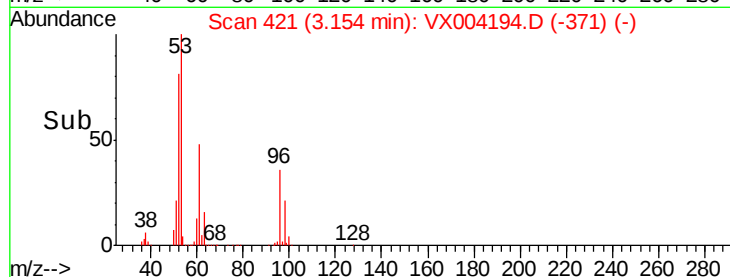
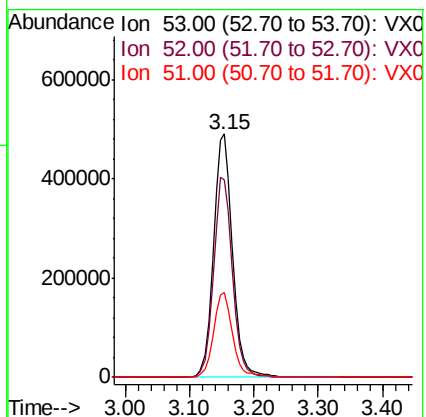
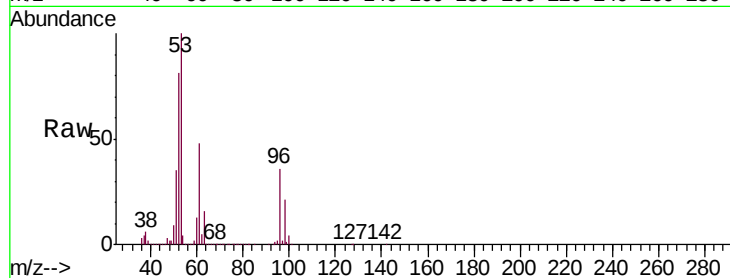
Tgt Ion: 53 Resp: 1013214

Ion Ratio Lower Upper

53 100

52 82.3 65.2 97.8

51 35.2 28.2 42.2



#16

Acetone

Concen: 413.026 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX004194.D

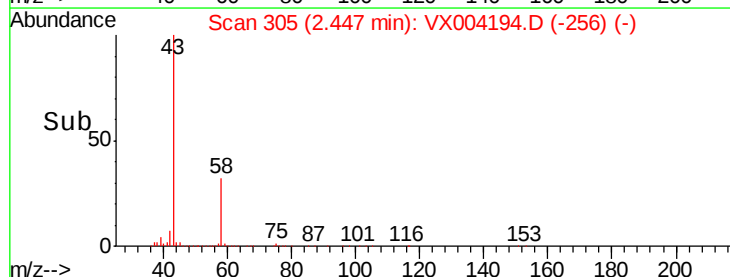
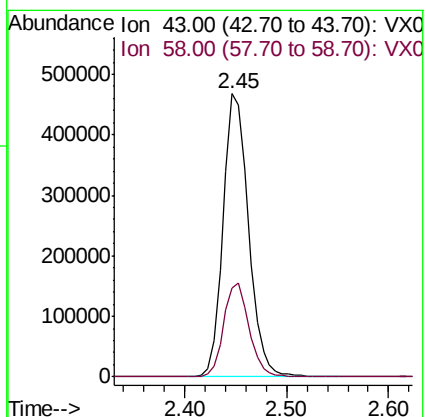
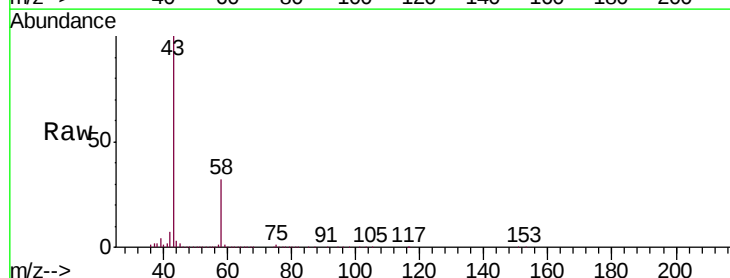
Acq: 22 Aug 2018 12:08

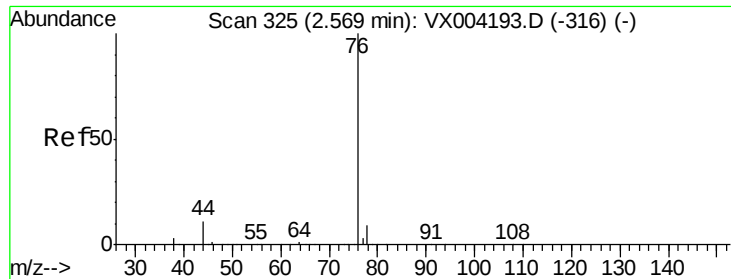
Tgt Ion: 43 Resp: 810215

Ion Ratio Lower Upper

43 100

58 31.6 26.2 39.4

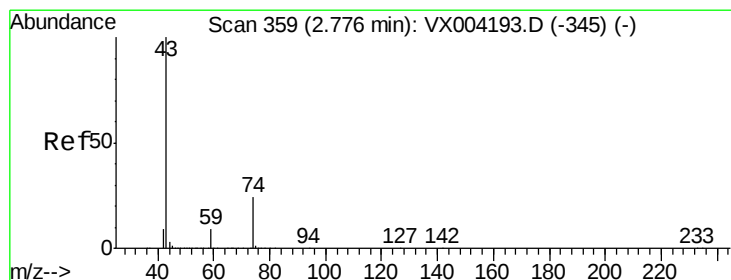
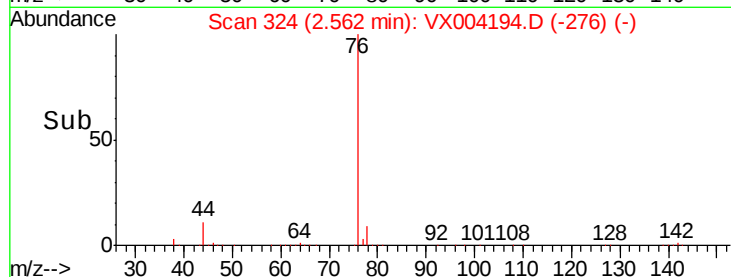
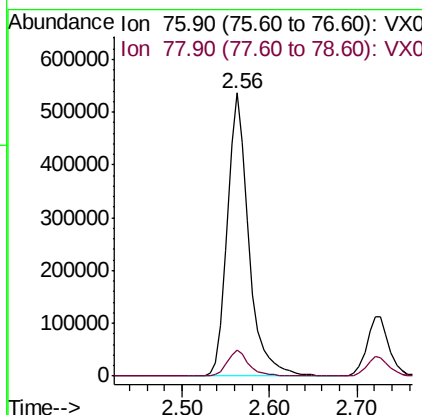
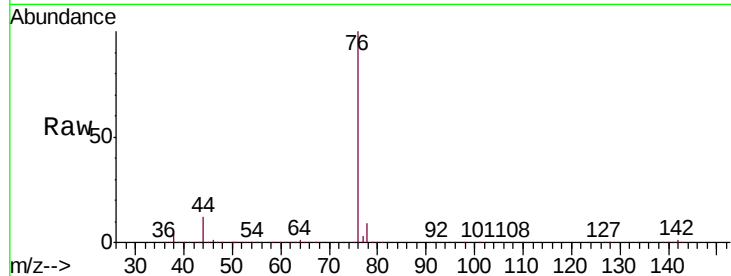




#17
Carbon Disulfide
Concen: 92.386 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

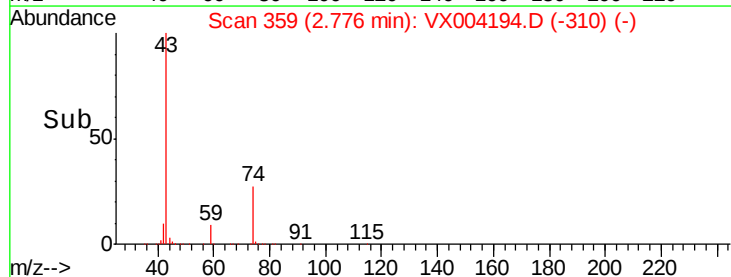
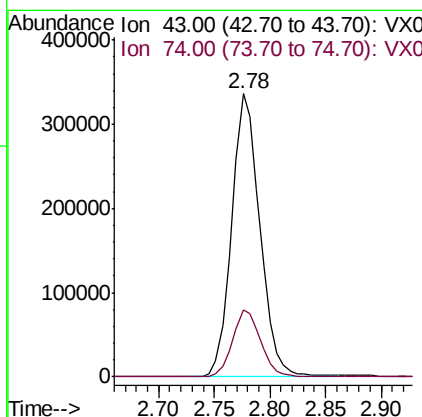
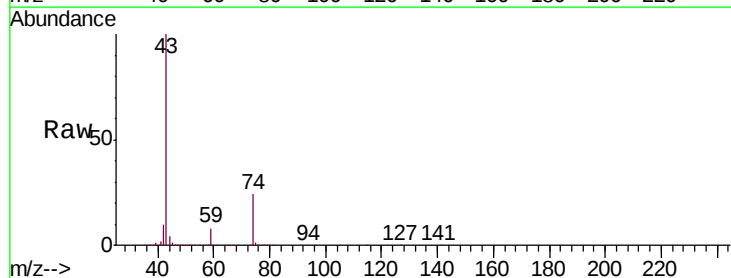
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

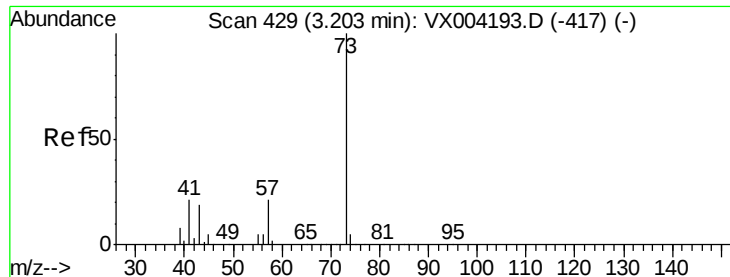
Tgt Ion: 76 Resp: 911682
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 95.558 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion: 43 Resp: 585517
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2



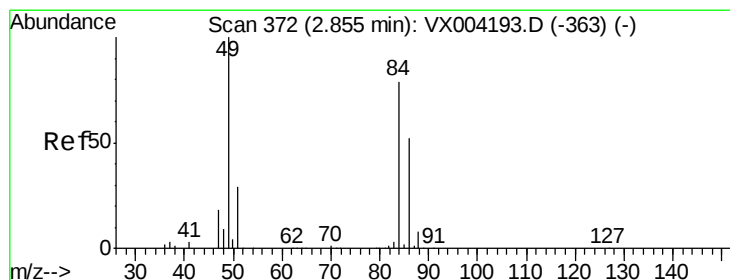
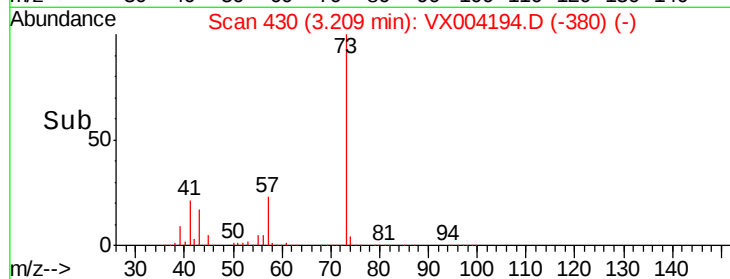
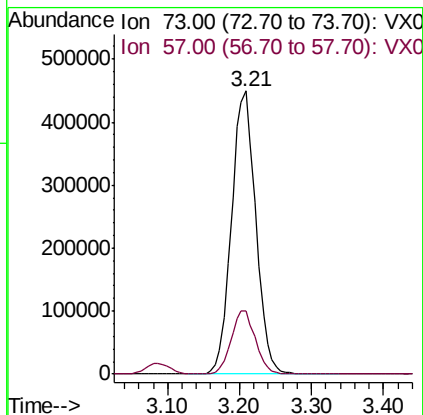
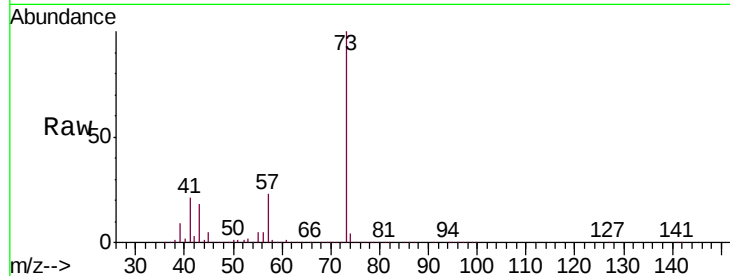


#19

Methyl tert-butyl Ether
Concen: 95.263 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.01 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

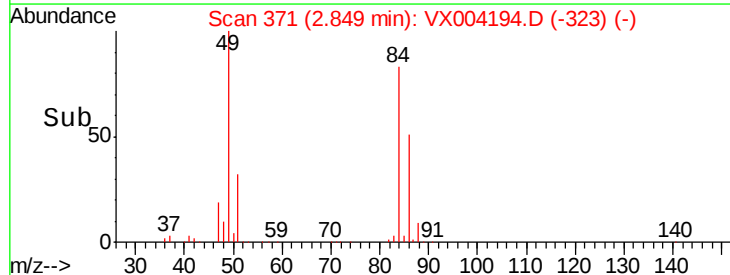
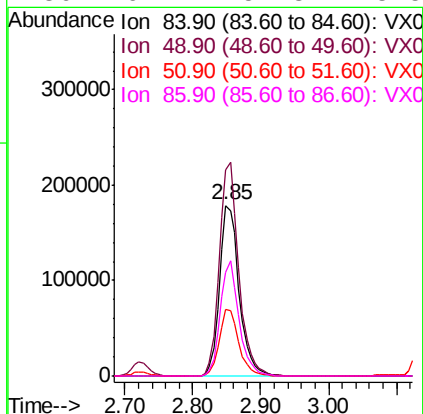
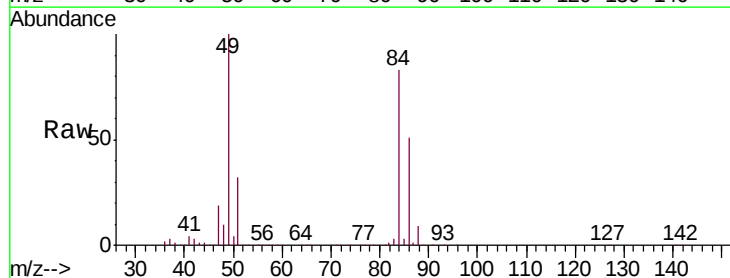
Tgt Ion: 73 Resp: 1053609
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7

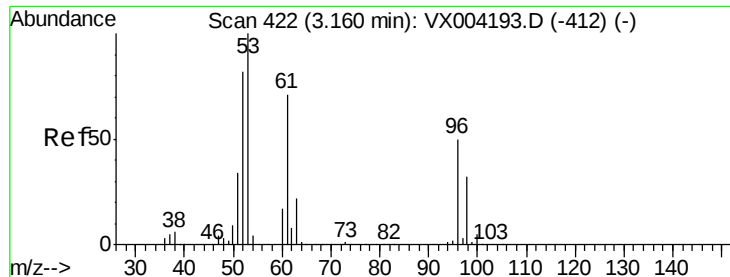


#20

Methylene Chloride
Concen: 89.701 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion: 84 Resp: 356536
Ion Ratio Lower Upper
84 100
49 121.2 101.2 151.8
51 38.9 29.5 44.3
86 61.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 91.218 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

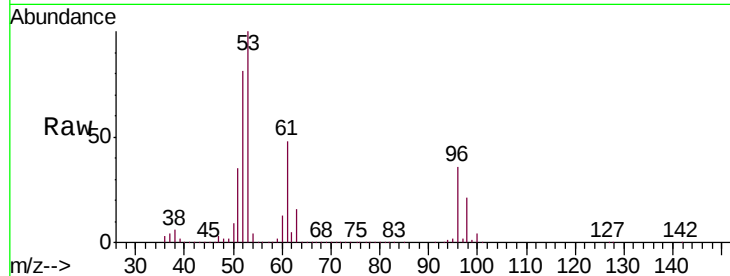
Tgt Ion: 96 Resp: 338848

Ion Ratio Lower Upper

96 100

61 132.4 113.8 170.6

98 57.2 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

300000

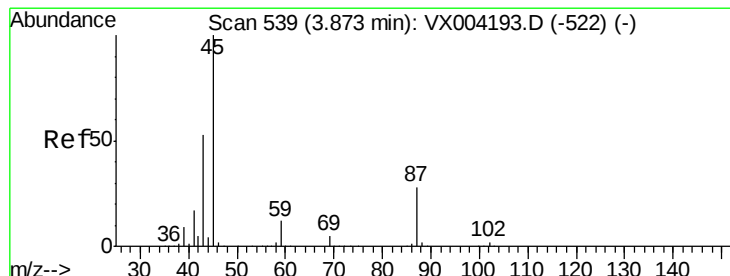
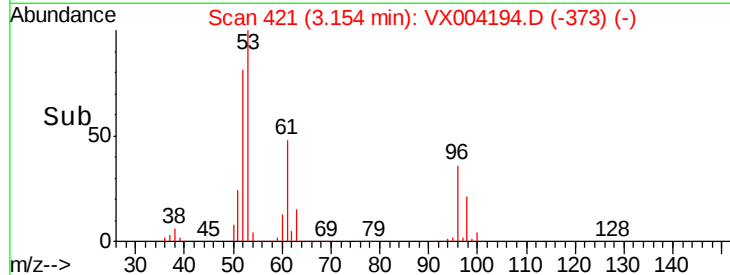
200000

100000

0

3.15

Time--> 3.00 3.10 3.20 3.30



#22

Diisopropyl ether

Concen: 95.152 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Tgt Ion: 45 Resp: 1095453

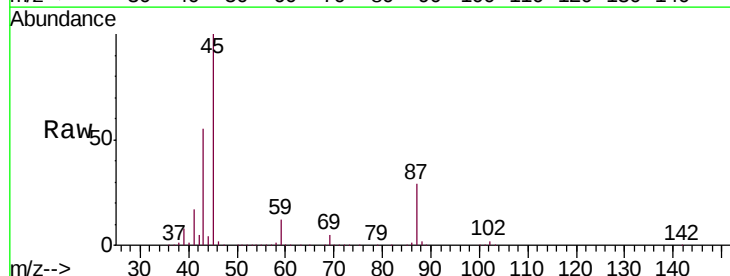
Ion Ratio Lower Upper

45 100

43 54.7 42.8 64.2

87 29.3 22.6 34.0

59 12.0 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

2500000

2000000

1500000

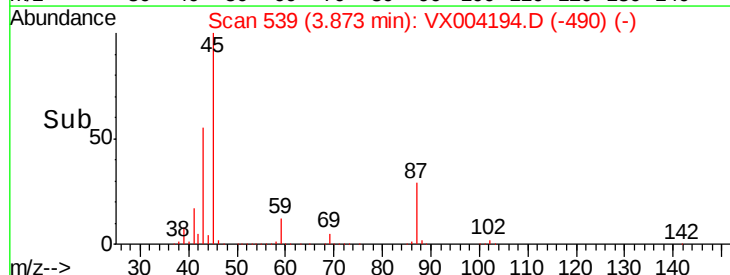
1000000

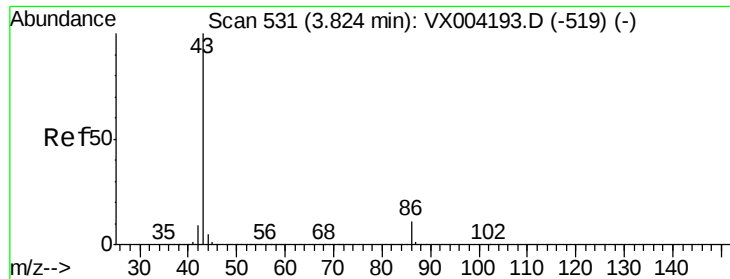
500000

0

3.87

Time--> 3.70 3.80 3.90 4.00





#23

Vinyl Acetate

Concen: 486.842 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

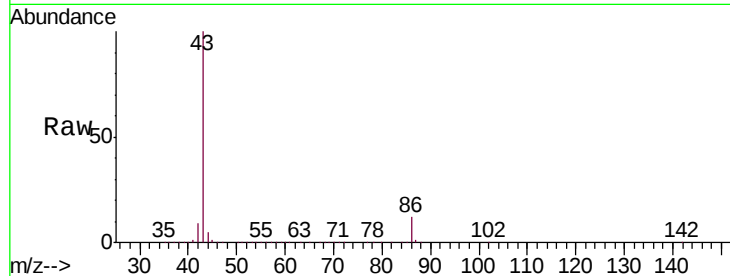
VSTDICC100

Tgt Ion: 43 Resp: 4542739

Ion Ratio Lower Upper

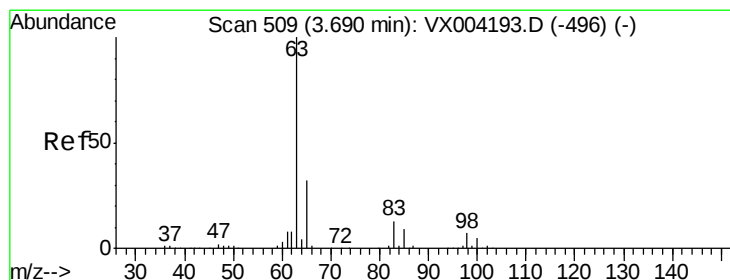
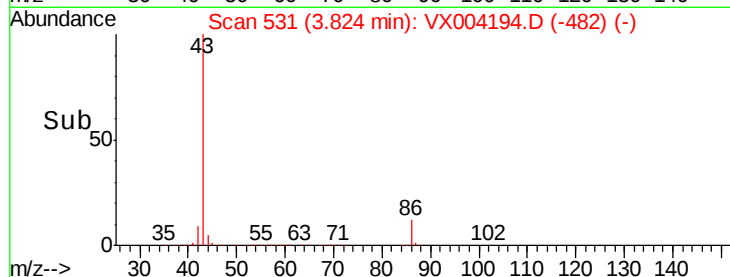
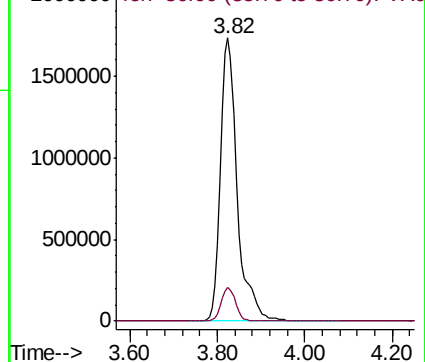
43 100

86 12.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 93.752 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

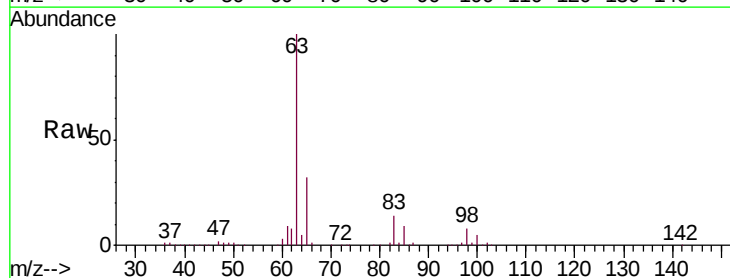
Tgt Ion: 63 Resp: 629017

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

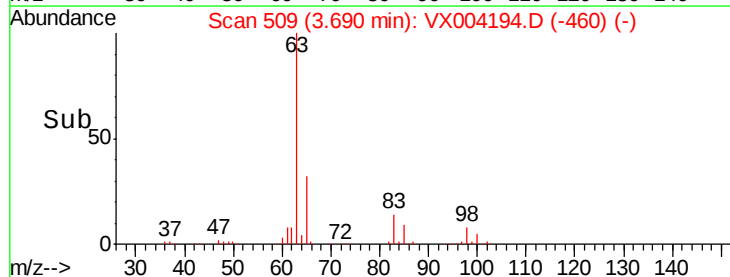
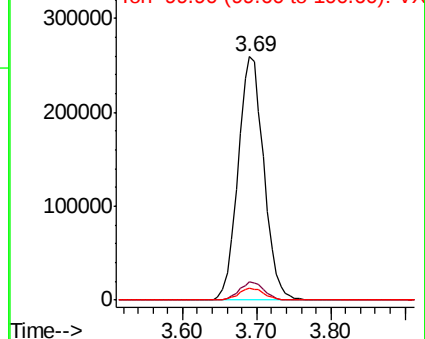
100 4.9 2.4 7.1

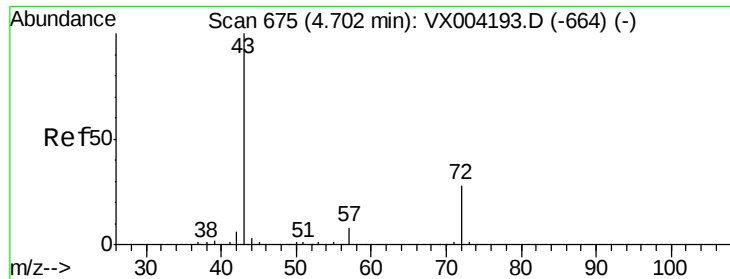


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 438.518 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampled :

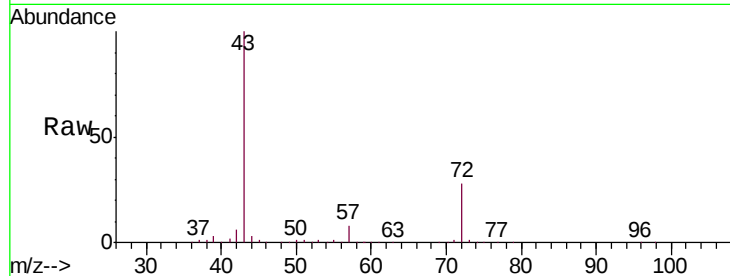
VSTDIC100

Tgt Ion: 43 Resp: 1343634

Ion Ratio Lower Upper

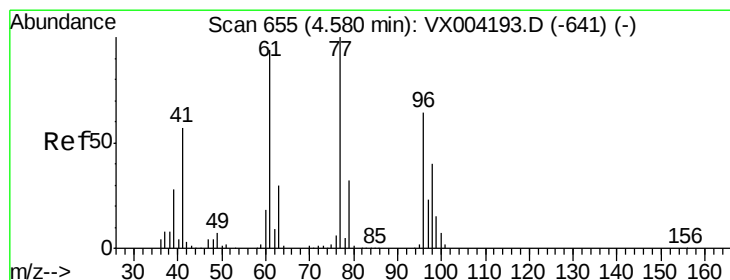
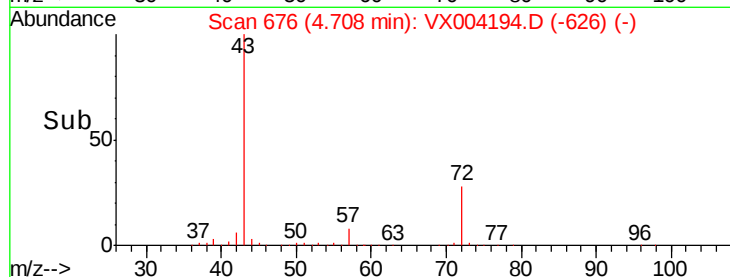
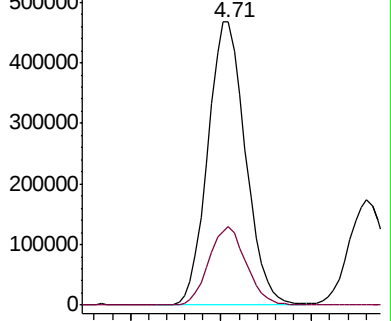
43 100

72 27.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 95.724 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004194.D

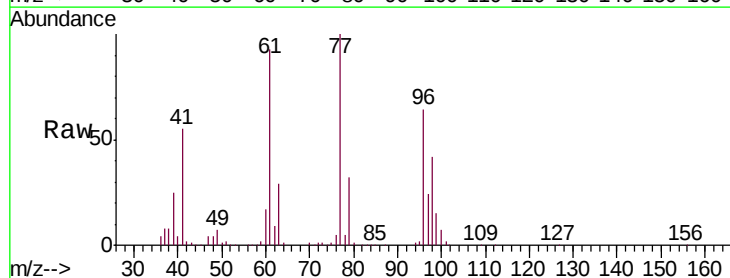
Acq: 22 Aug 2018 12:08

Tgt Ion: 77 Resp: 503738

Ion Ratio Lower Upper

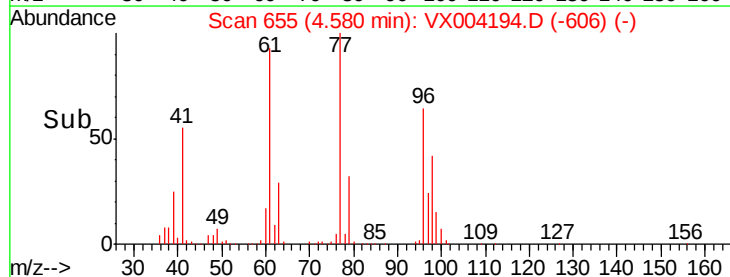
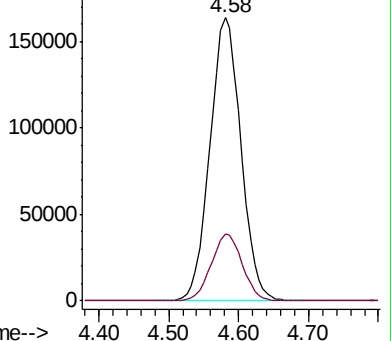
77 100

97 23.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



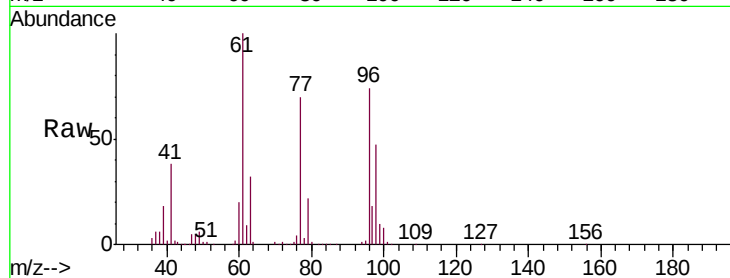


#27

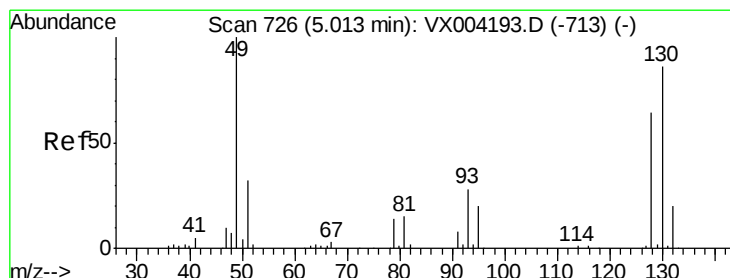
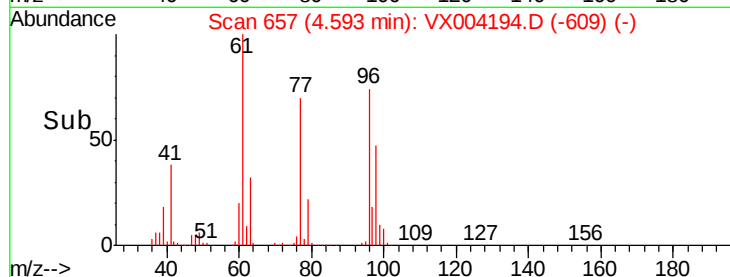
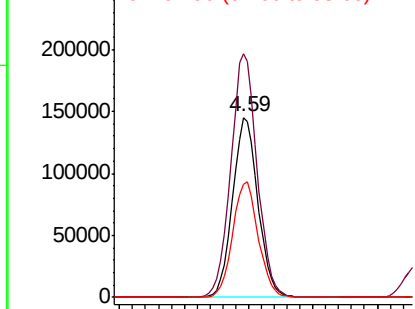
cis-1,2-Dichloroethene
 Concen: 94.586 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 398514
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 282.6
 98 64.9 0.0 130.2



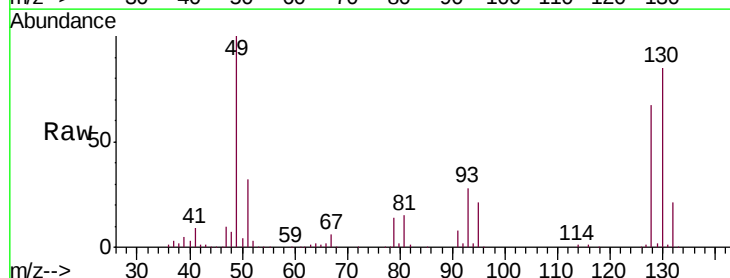
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



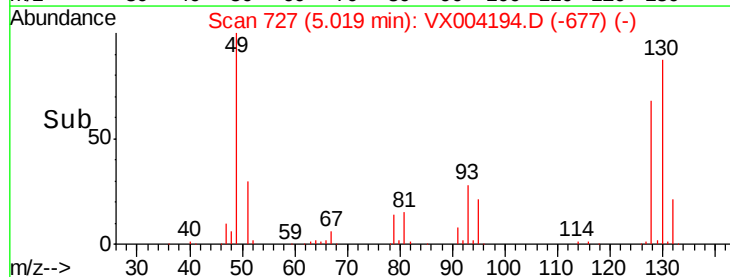
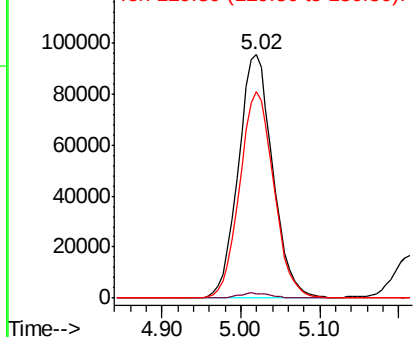
#28

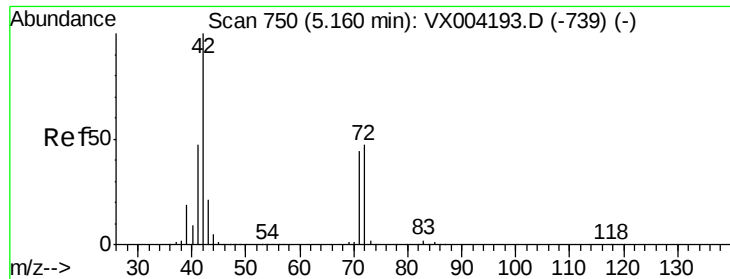
Bromochloromethane
 Concen: 97.414 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Tgt Ion: 49 Resp: 289364
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 84.1 67.5 101.3



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

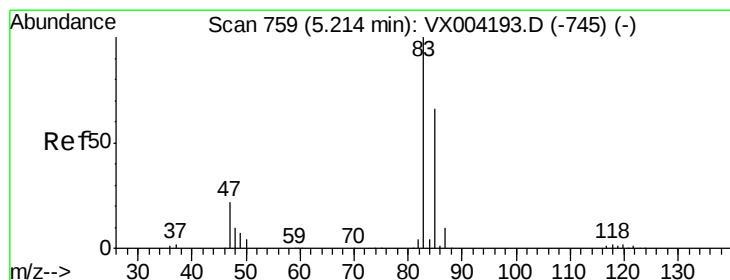
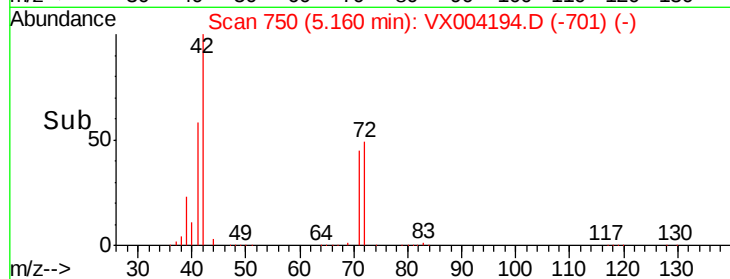
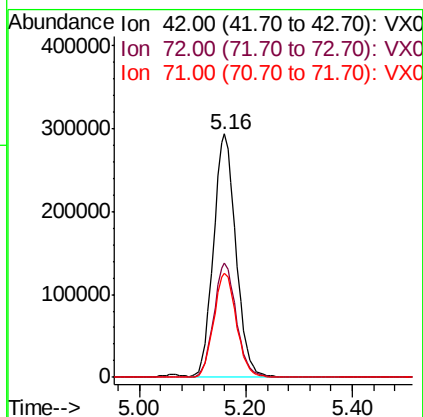
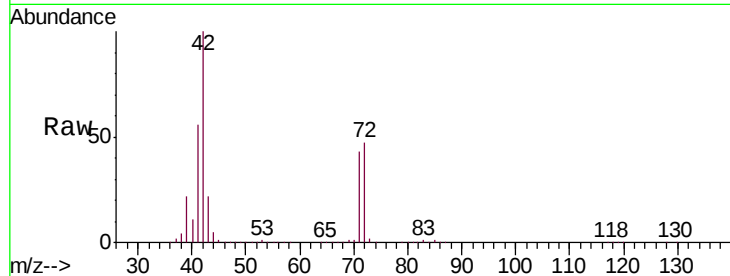




#29
Tetrahydrofuran
Concen: 483.957 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

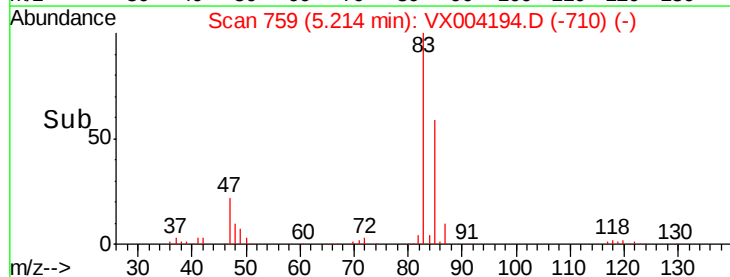
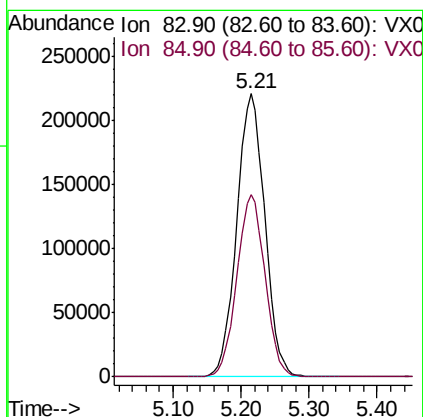
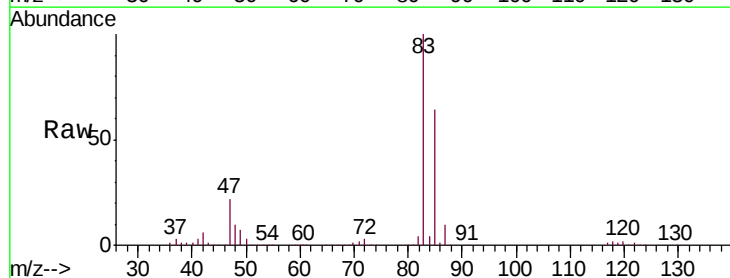
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

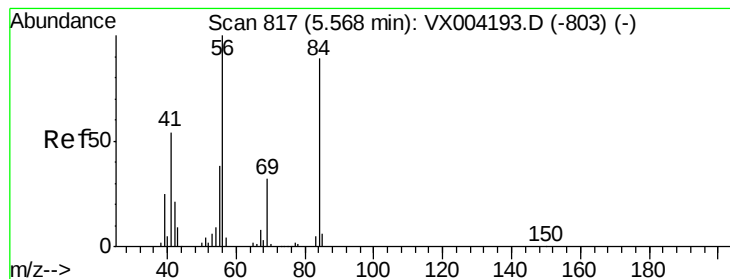
Tgt Ion: 42 Resp: 858556
Ion Ratio Lower Upper
42 100
72 47.0 37.4 56.0
71 43.4 34.5 51.7



#30
Chloroform
Concen: 94.145 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion: 83 Resp: 633313
Ion Ratio Lower Upper
83 100
85 64.2 52.6 79.0





#31

Cyclohexane

Concen: 99.829 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

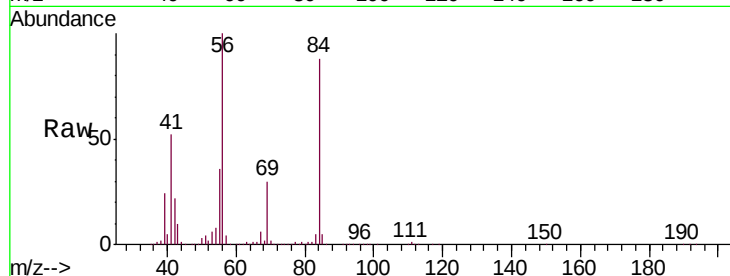
Tgt Ion: 56 Resp: 577909

Ion Ratio Lower Upper

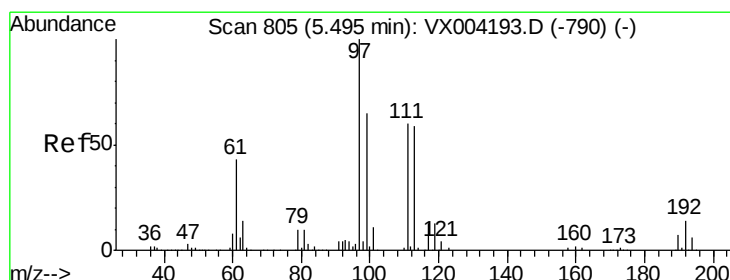
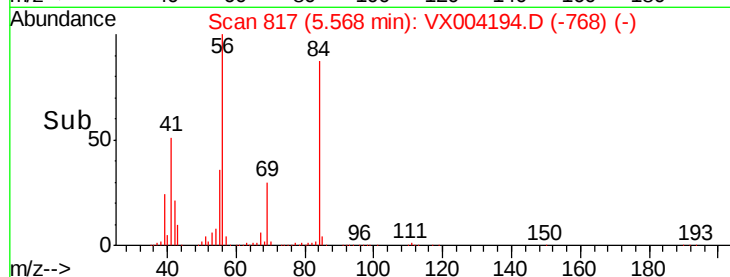
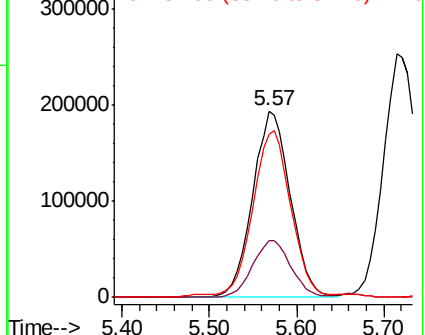
56 100

69 30.4 25.4 38.2

84 86.6 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 97.739 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

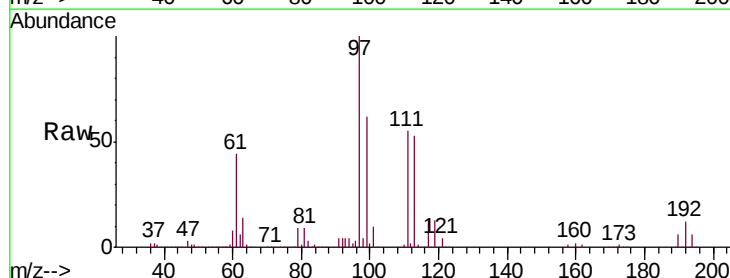
Tgt Ion: 97 Resp: 548259

Ion Ratio Lower Upper

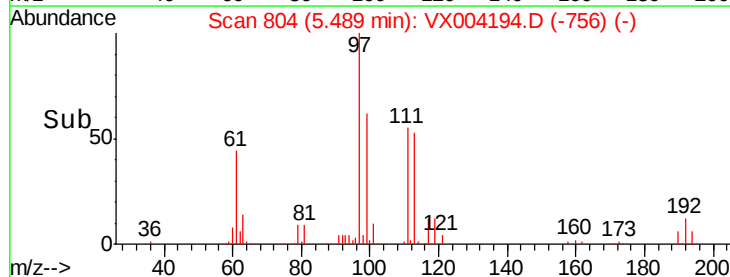
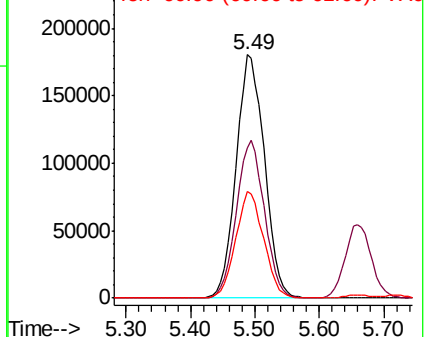
97 100

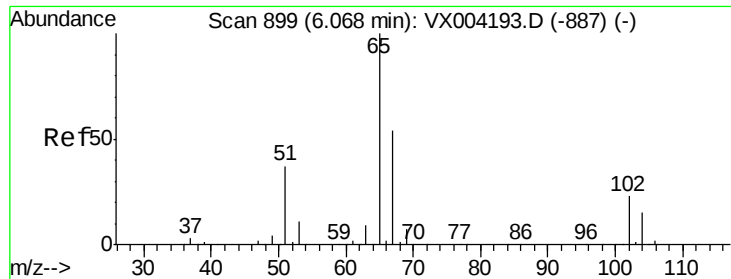
99 64.1 52.0 78.0

61 43.5 34.9 52.3



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

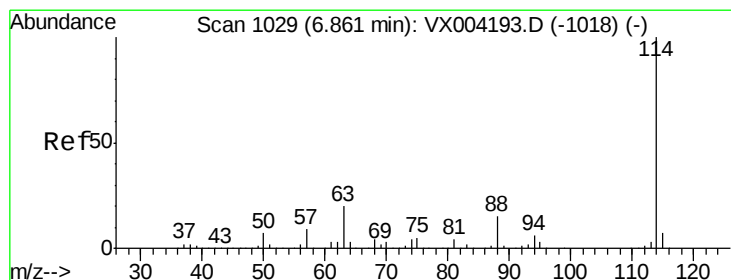
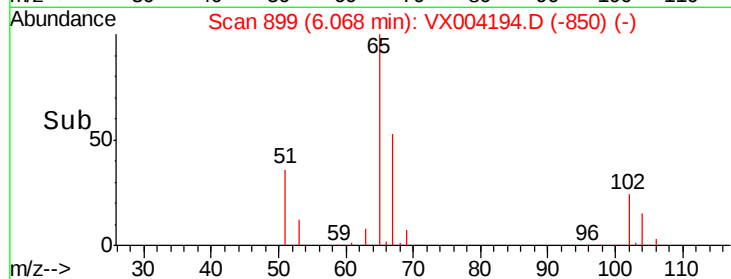
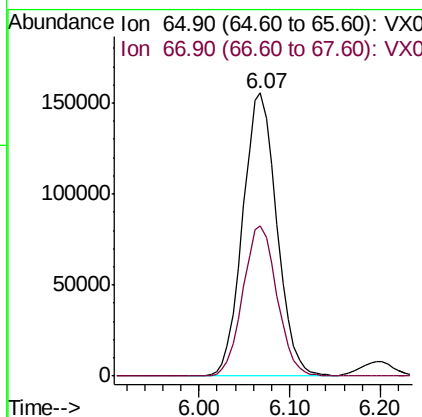
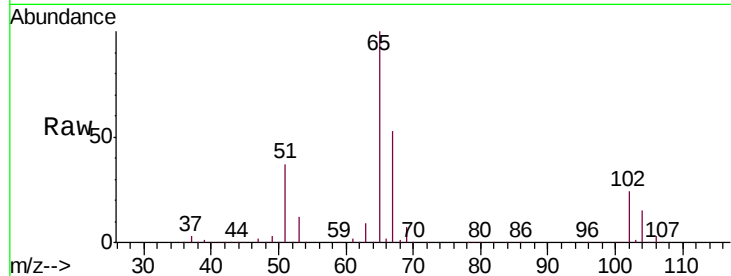




#33
 1,2-Dichloroethane-d4
 Concen: 97.866 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

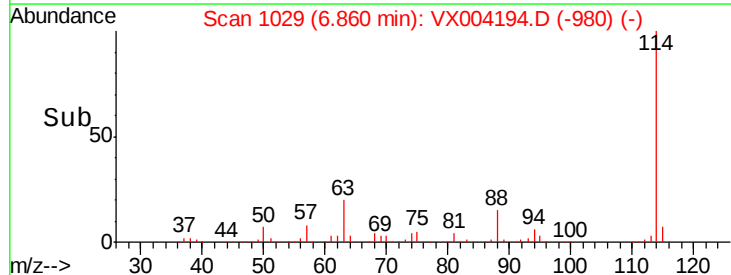
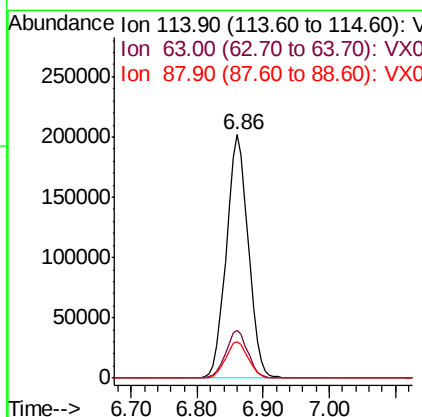
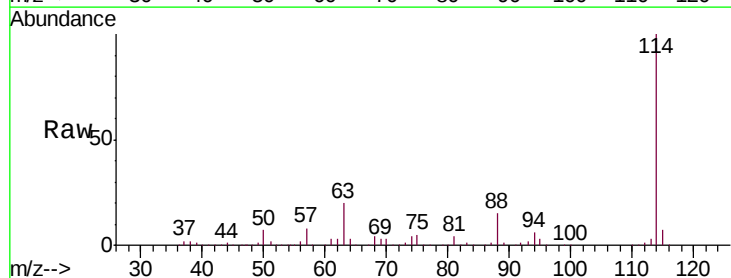
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

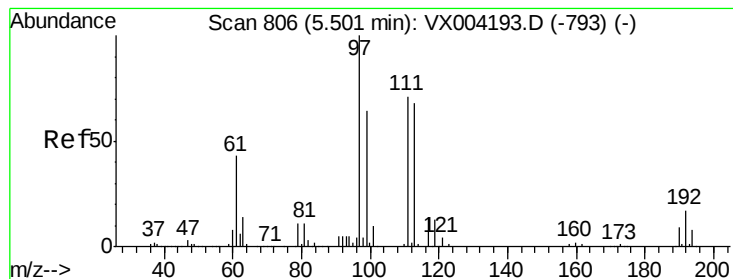
Tgt Ion: 65 Resp: 404092
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Tgt Ion: 114 Resp: 464289
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 100.822 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

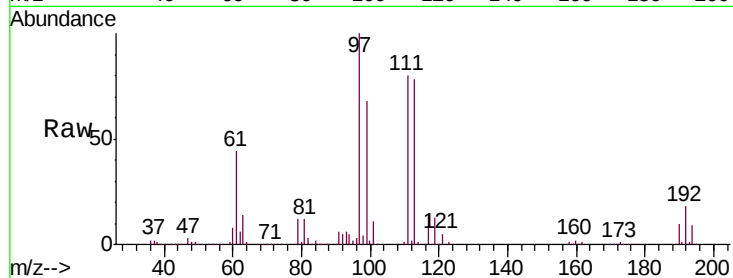
Tgt Ion:113 Resp: 348239

Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

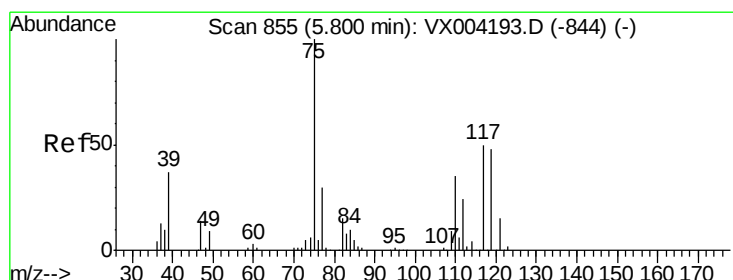
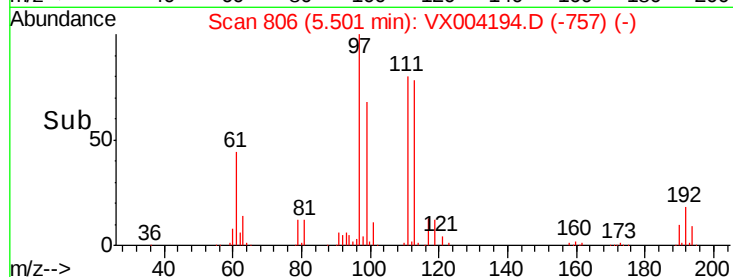
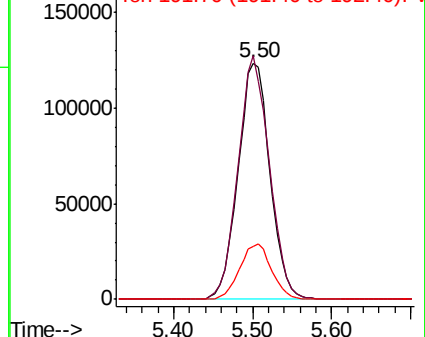
192 23.5 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 94.365 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

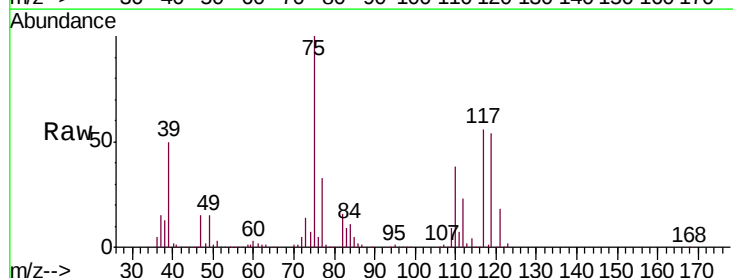
Tgt Ion: 75 Resp: 492552

Ion Ratio Lower Upper

75 100

110 36.6 18.0 54.0

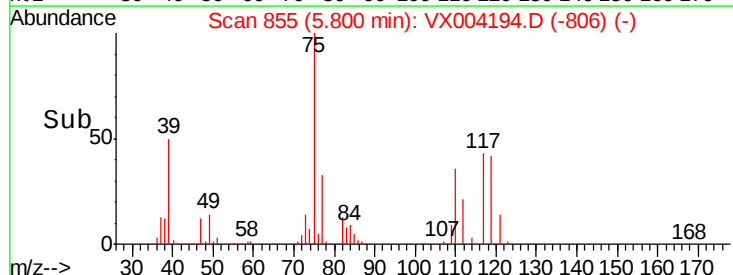
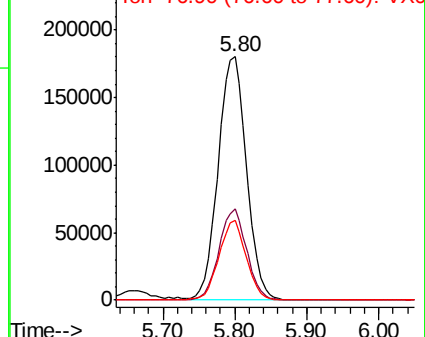
77 31.7 24.6 36.8

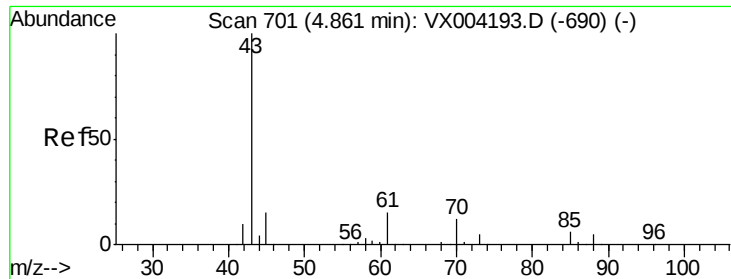


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

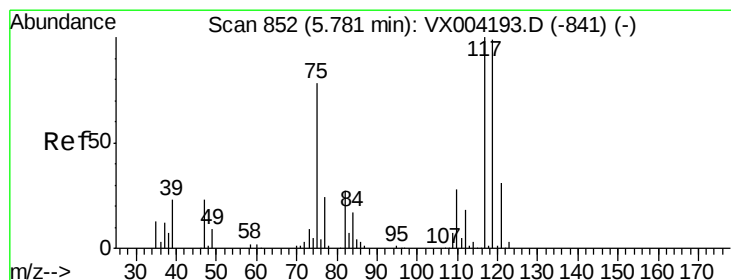
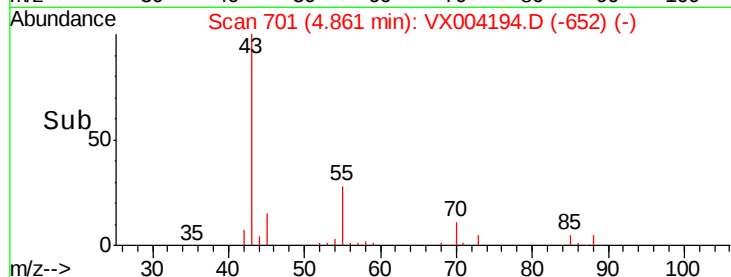
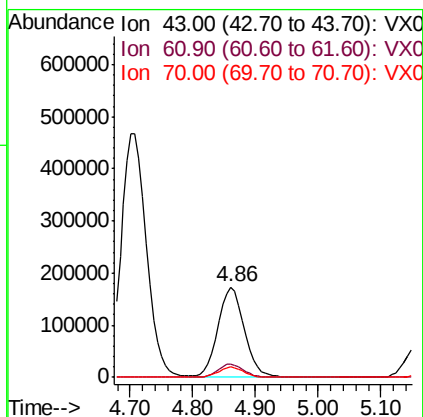
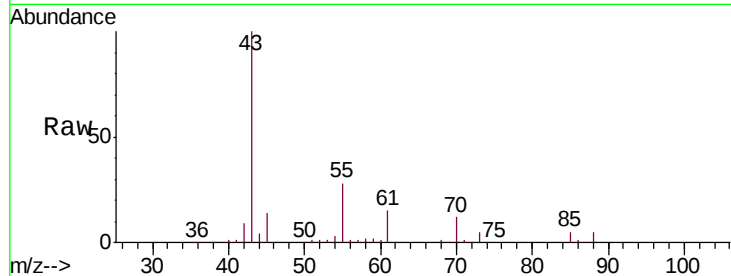




#37
 Ethyl Acetate
 Concen: 97.891 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

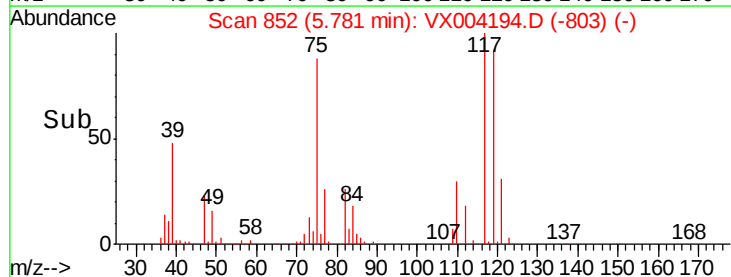
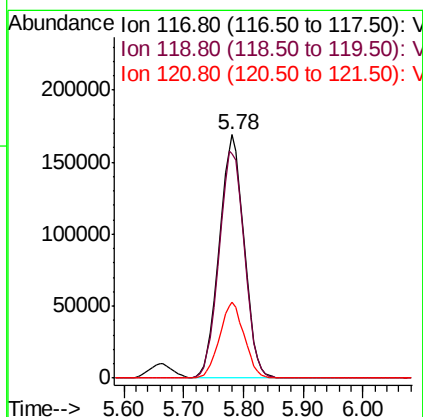
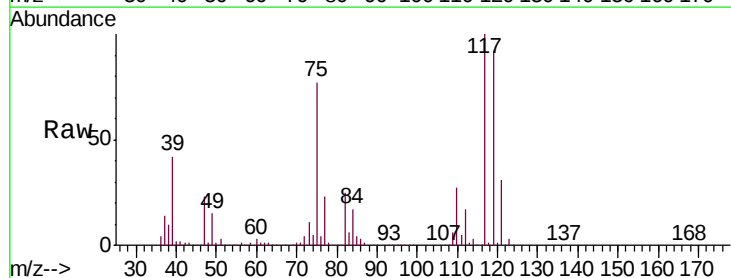
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

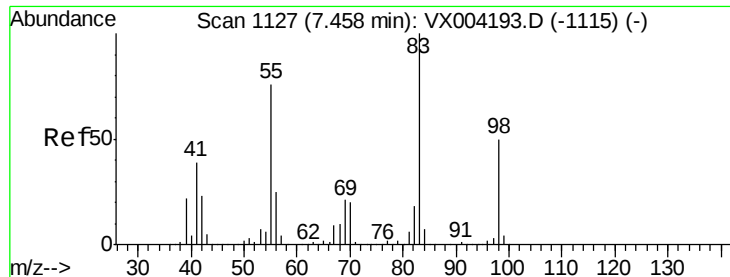
Tgt Ion: 43 Resp: 502523
 Ion Ratio Lower Upper
 43 100
 61 14.5 11.5 17.3
 70 11.3 9.0 13.6



#38
 Carbon Tetrachloride
 Concen: 99.323 ug/l
 RT: 5.78 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Tgt Ion: 117 Resp: 487693
 Ion Ratio Lower Upper
 117 100
 119 92.0 78.8 118.2
 121 31.0 24.9 37.3

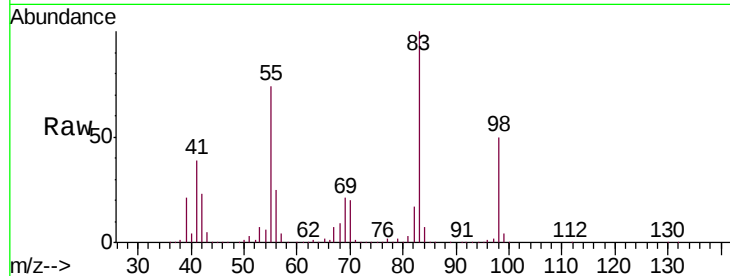




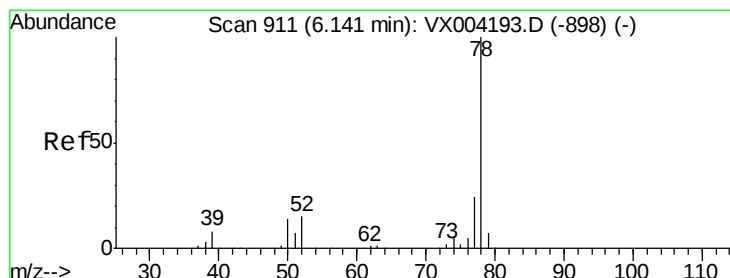
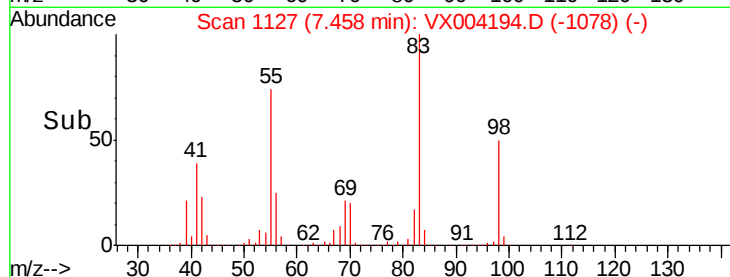
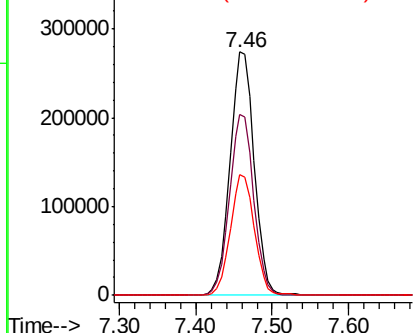
#39
Methylcyclohexane
Concen: 100.653 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.2	61.0	91.4
98	49.7	39.6	59.4

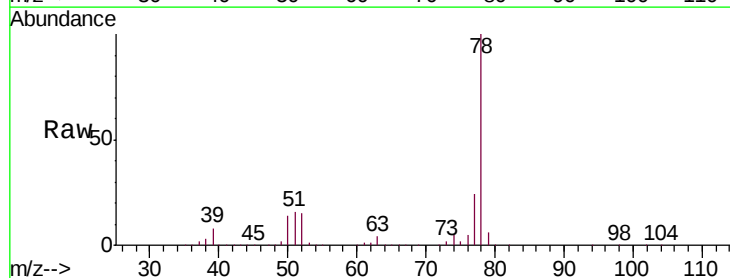


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

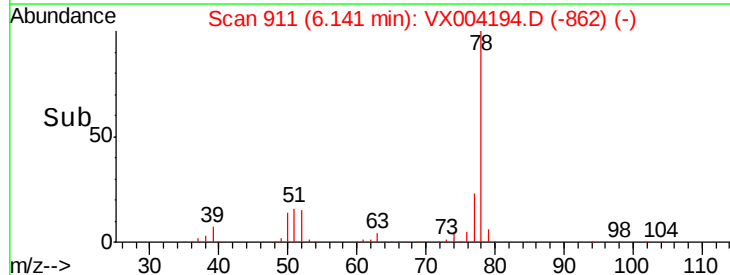
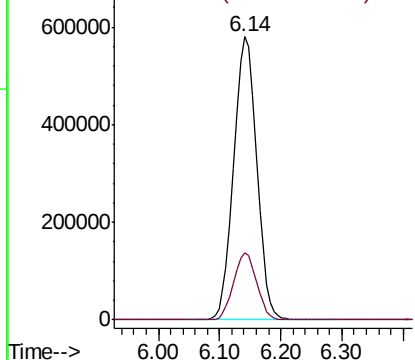


#40
Benzene
Concen: 96.132 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4



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





#41

Methacrylonitrile

Concen: 97.084 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 288879

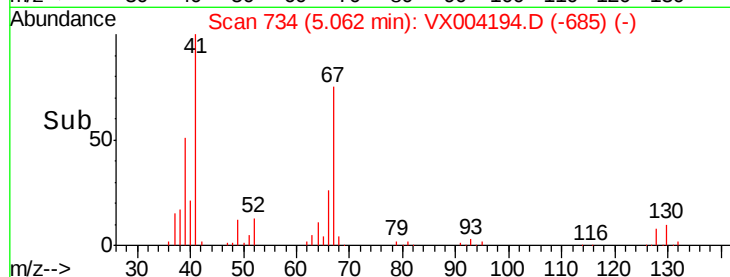
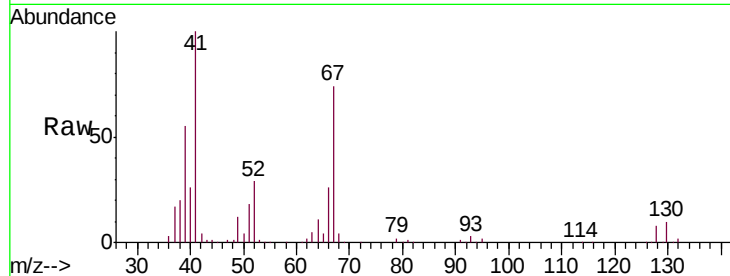
Ion Ratio Lower Upper

41 100

39 53.5 42.4 63.6

67 74.9 59.2 88.8

52 28.6 23.0 34.4

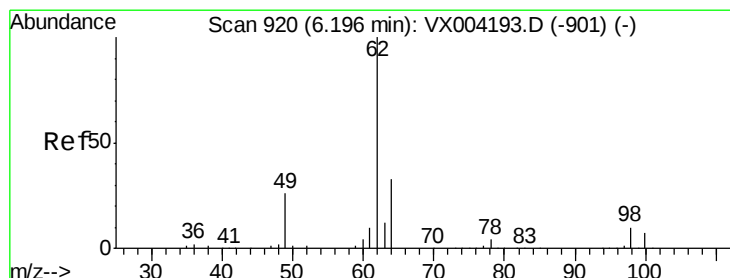
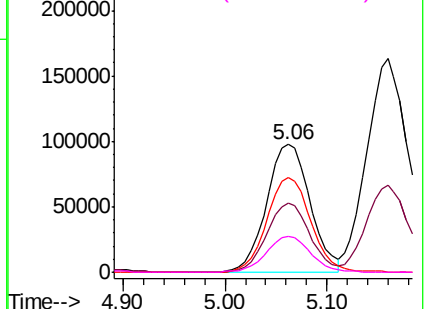


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 94.139 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.00 min

Lab File: VX004194.D

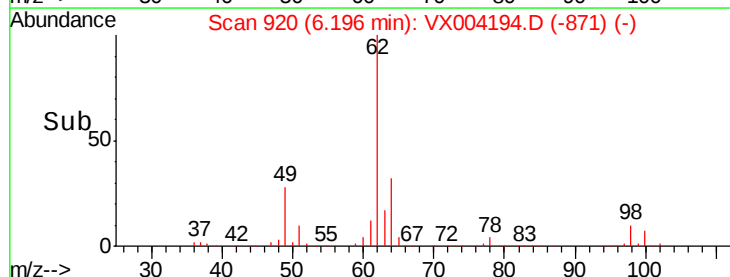
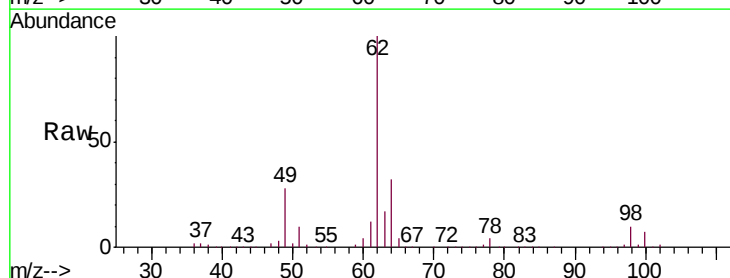
Acq: 22 Aug 2018 12:08

Tgt Ion: 62 Resp: 500831

Ion Ratio Lower Upper

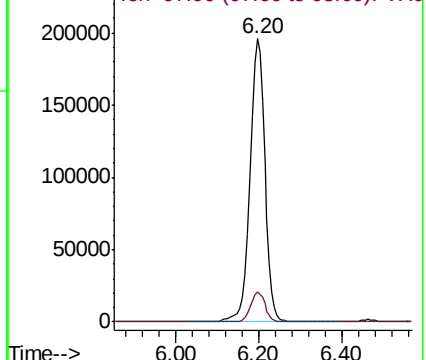
62 100

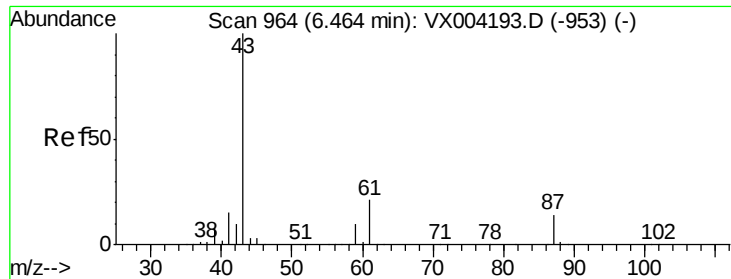
98 10.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 103.170 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

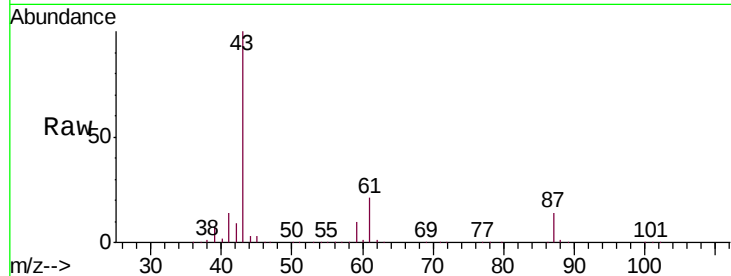
Tgt Ion: 43 Resp: 813811

Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

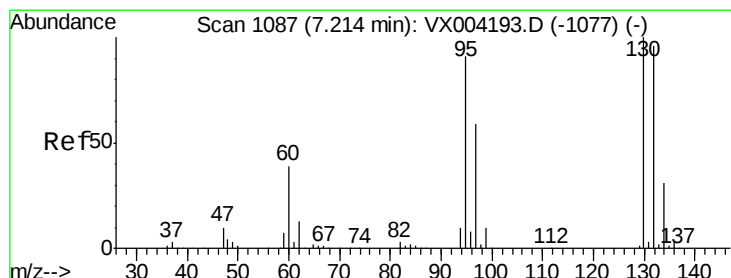
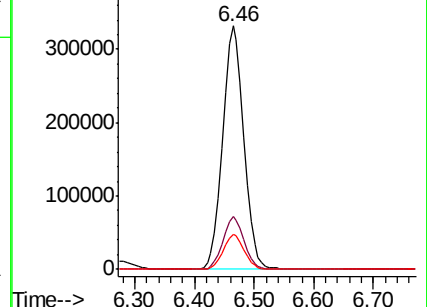
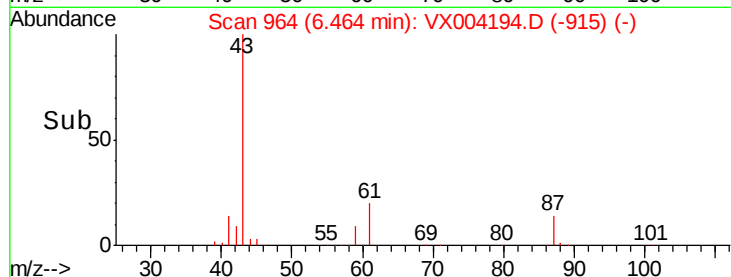
87 14.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 93.676 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004194.D

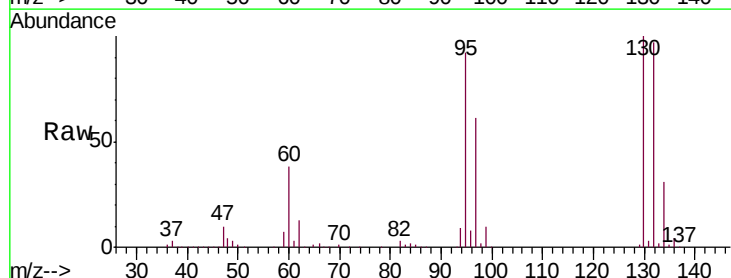
Acq: 22 Aug 2018 12:08

Tgt Ion: 130 Resp: 404427

Ion Ratio Lower Upper

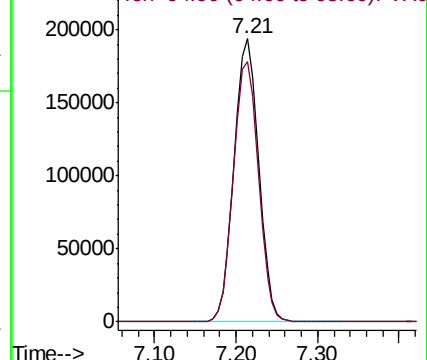
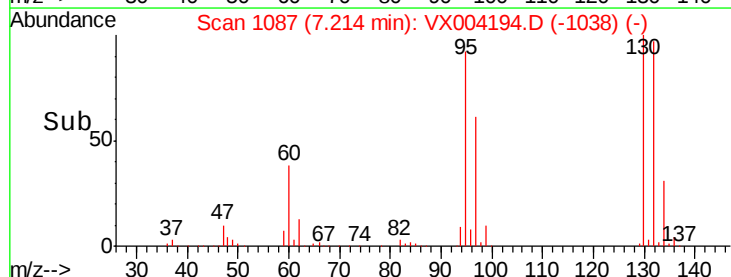
130 100

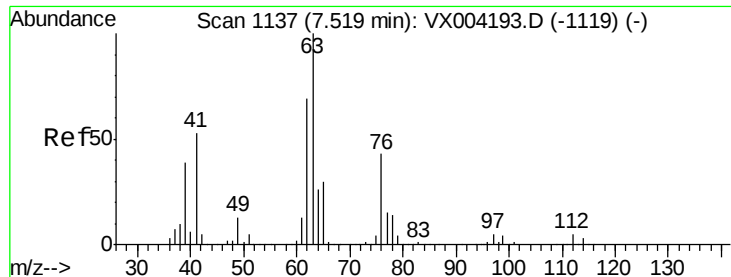
95 91.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

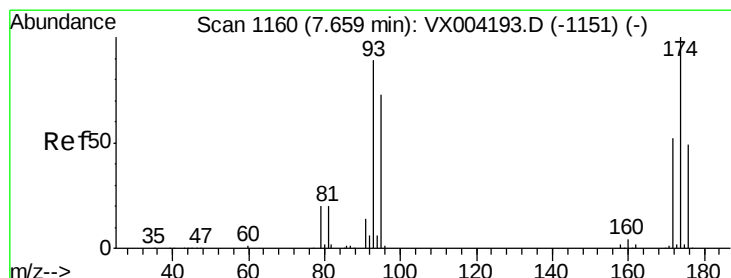
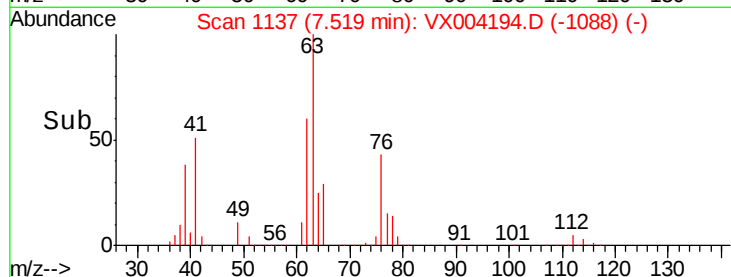
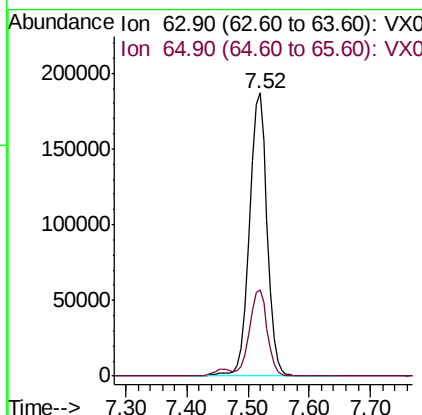
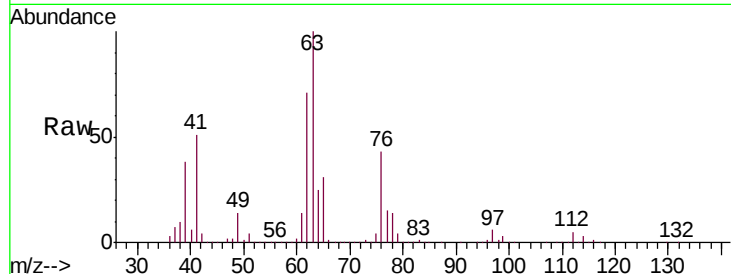




#45
 1,2-Dichloropropane
 Concen: 97.467 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

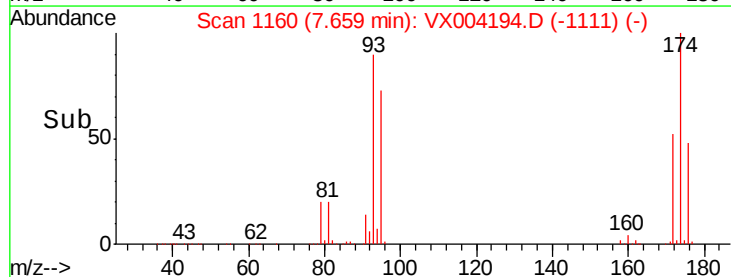
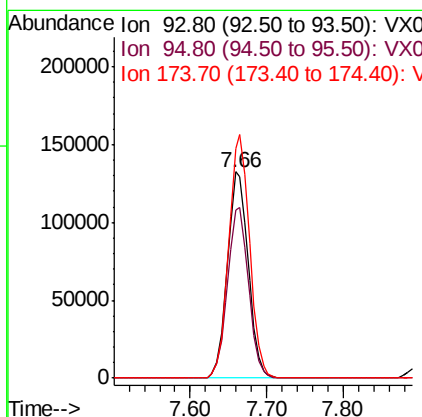
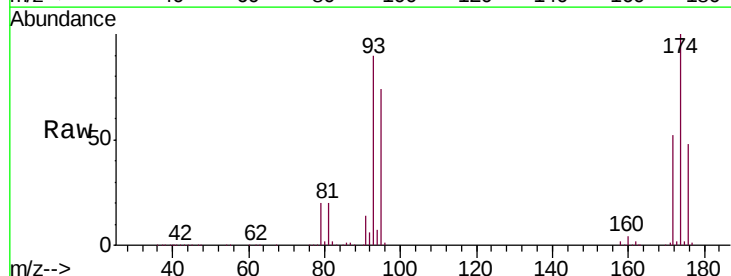
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

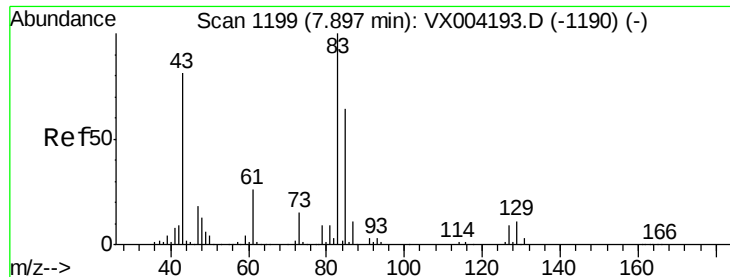
Tgt Ion: 63 Resp: 380466
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.3 36.5



#46
 Dibromomethane
 Concen: 95.987 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Tgt Ion: 93 Resp: 249480
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.5 98.3
 174 117.7 94.2 141.4





#47

Bromodichloromethane

Concen: 101.240 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

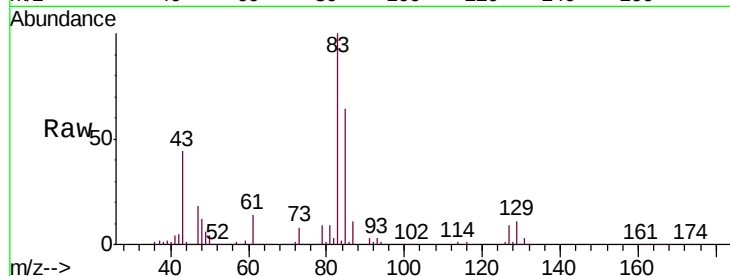
Tgt Ion: 83 Resp: 489629

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

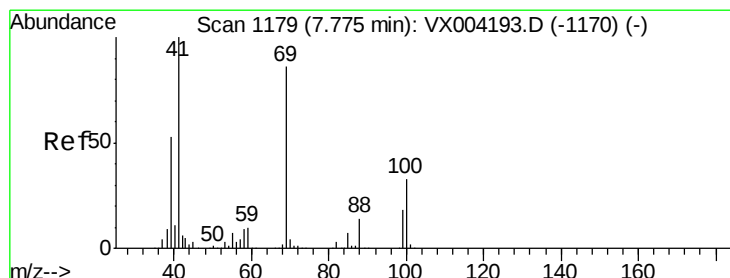
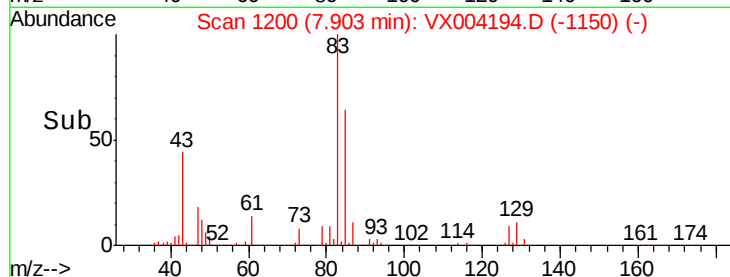
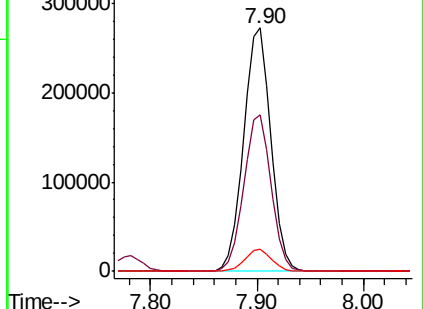
127 9.0 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 104.322 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

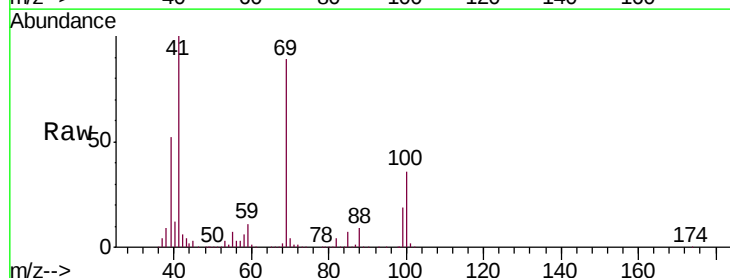
Tgt Ion: 41 Resp: 440316

Ion Ratio Lower Upper

41 100

69 87.9 70.2 105.4

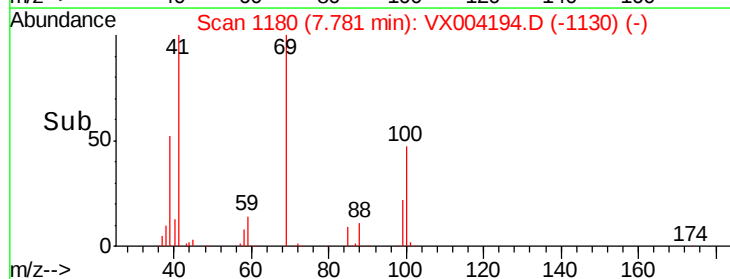
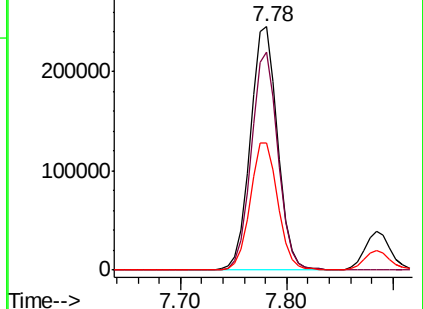
39 53.1 42.7 64.1

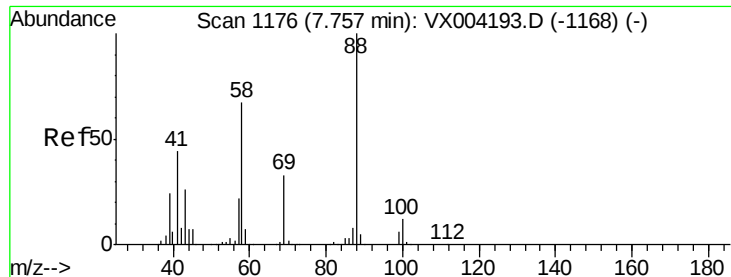


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

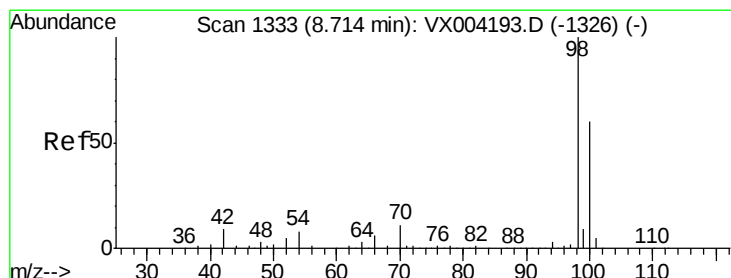
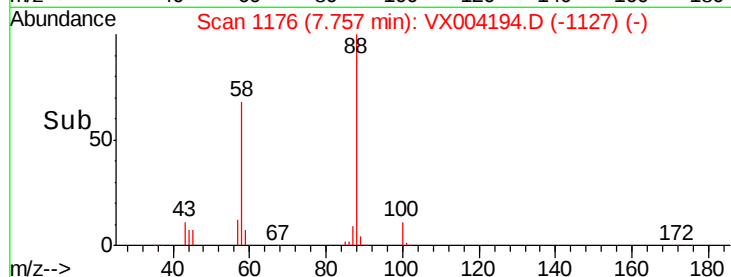
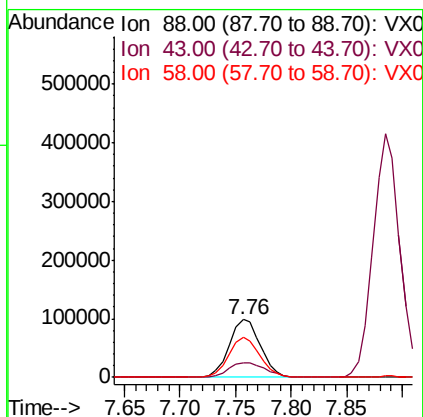
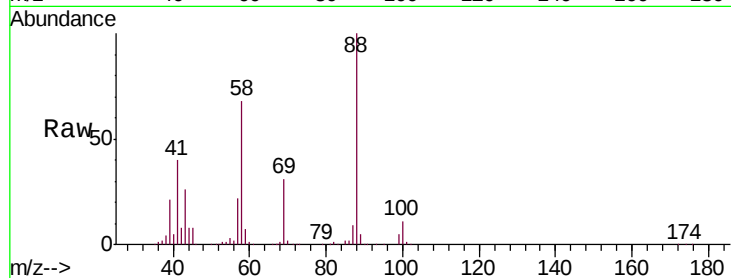




#49
 1,4-Dioxane
 Concen: 2001.763 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

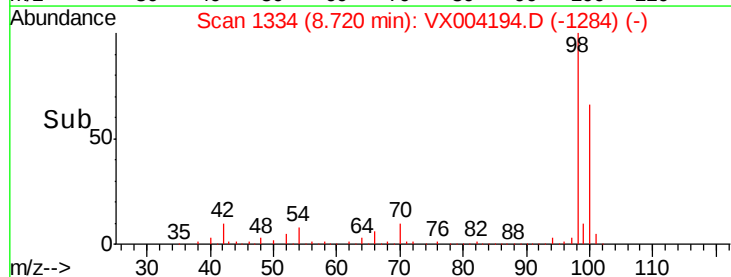
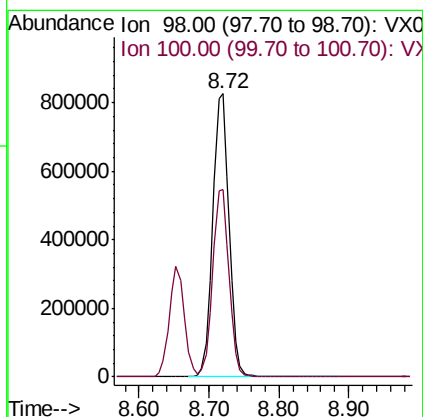
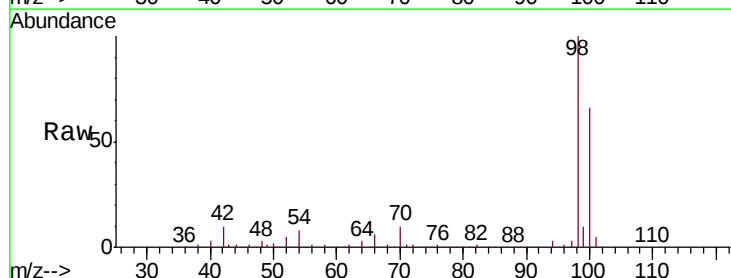
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

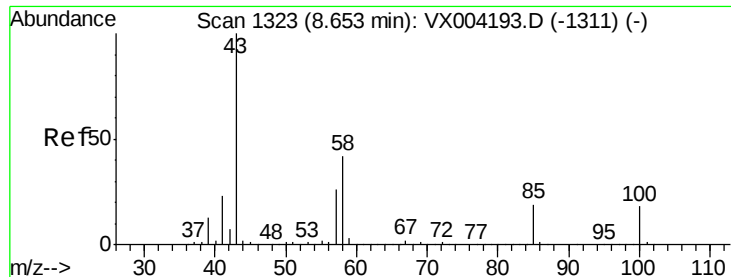
Tgt Ion: 88 Resp: 191828
 Ion Ratio Lower Upper
 88 100
 43 30.0 24.7 37.1
 58 69.0 55.3 82.9



#50
 Toluene-d8
 Concen: 102.143 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Tgt Ion: 98 Resp: 1331706
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 476.409 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

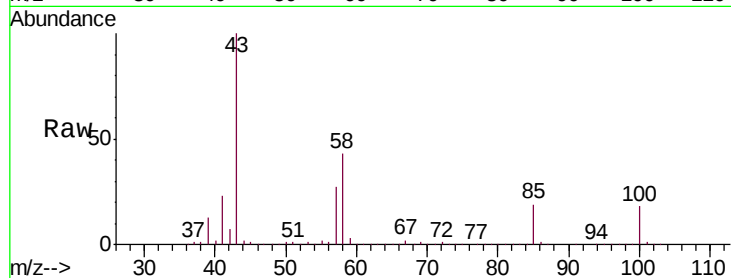
VSTDIC100

Tgt Ion: 43 Resp: 2730442

Ion Ratio Lower Upper

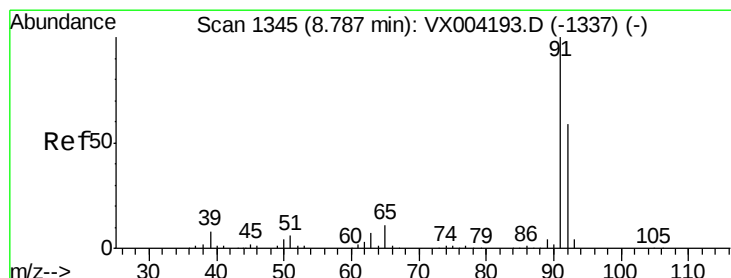
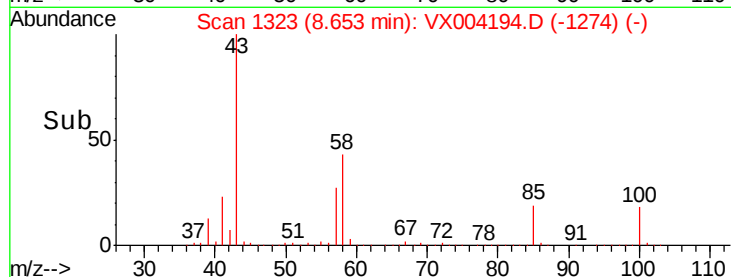
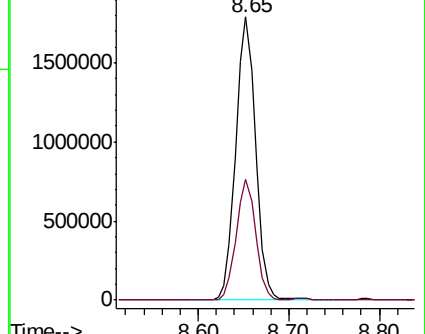
43 100

58 41.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 98.723 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004194.D

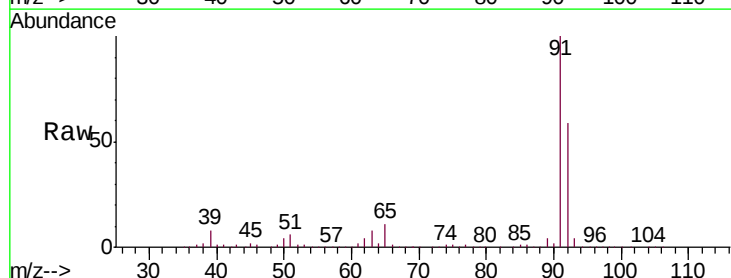
Acq: 22 Aug 2018 12:08

Tgt Ion: 92 Resp: 963835

Ion Ratio Lower Upper

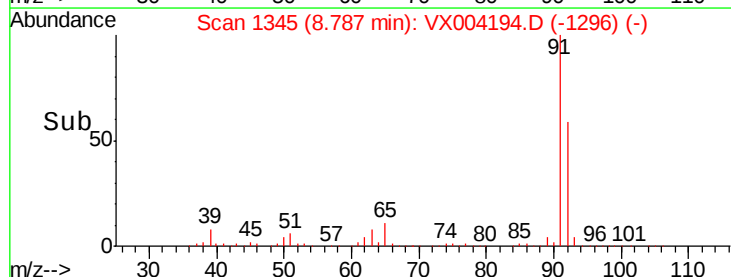
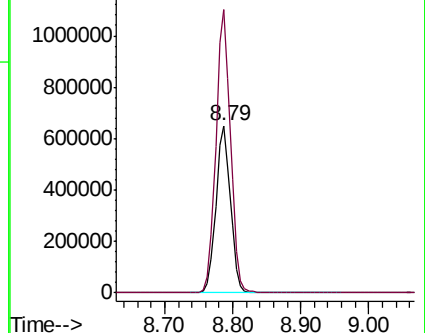
92 100

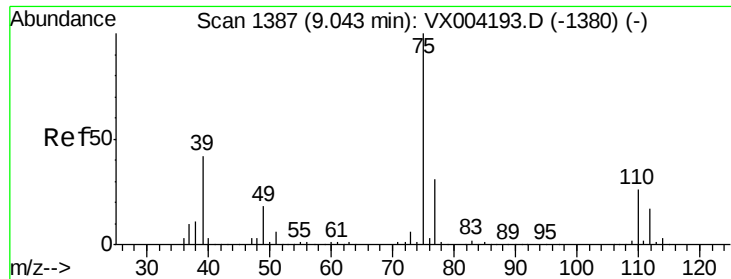
91 169.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

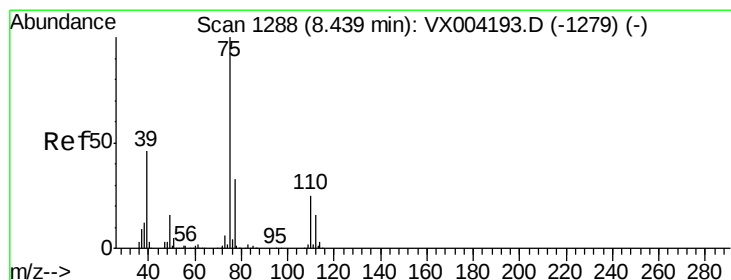
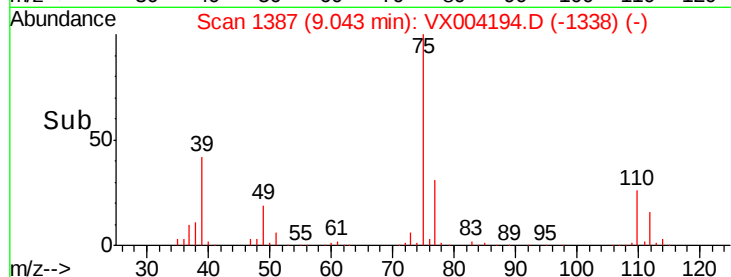
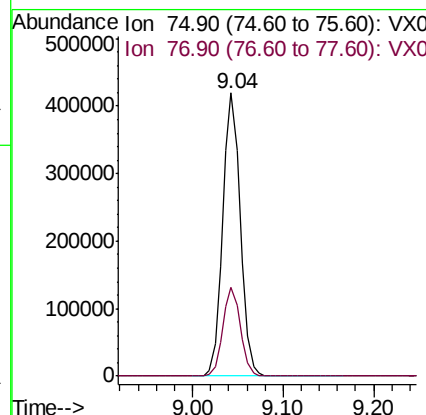
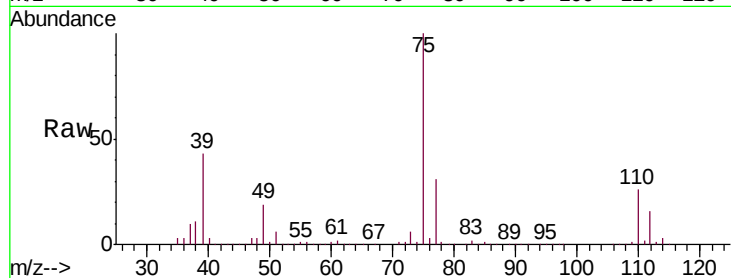




#53
t-1,3-Dichloropropene
Concen: 106.890 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

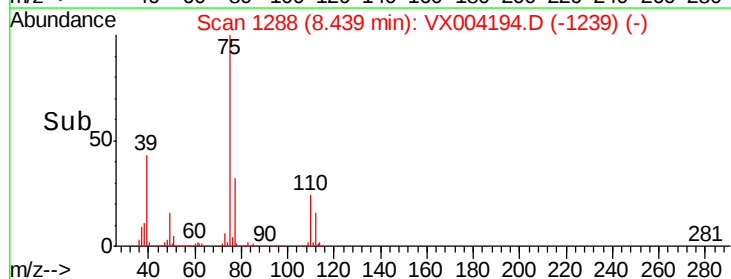
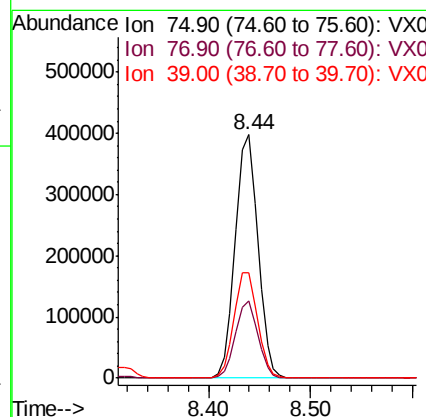
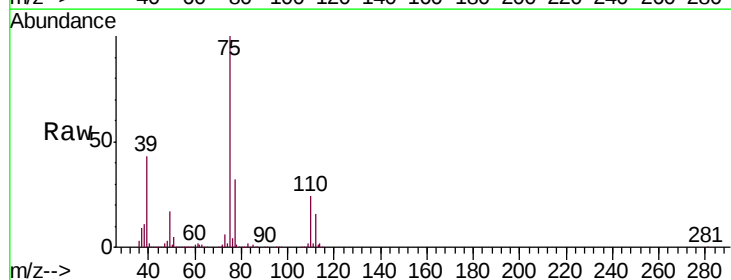
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

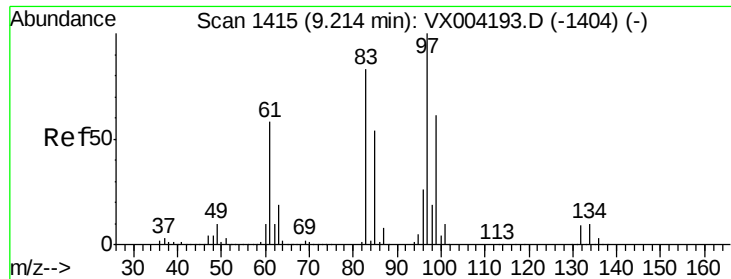
Tgt Ion: 75 Resp: 570978
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 105.180 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion: 75 Resp: 611991
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
39 43.4 36.4 54.6

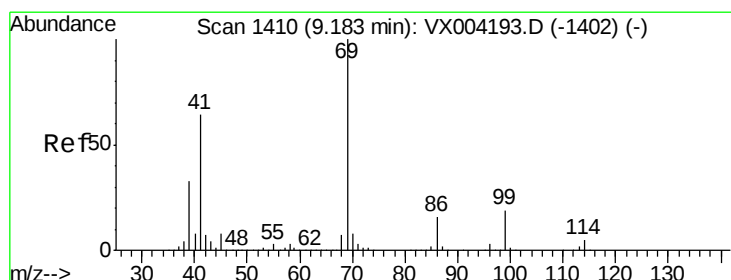
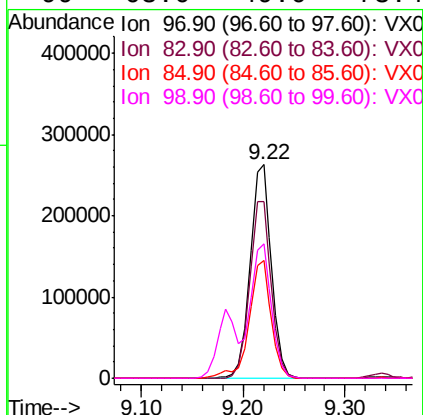
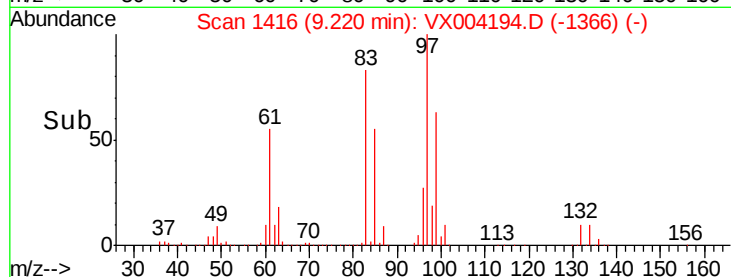
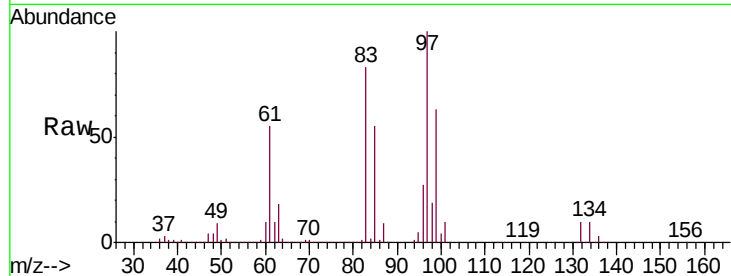




#55
 1,1,2-Trichloroethane
 Concen: 97.229 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

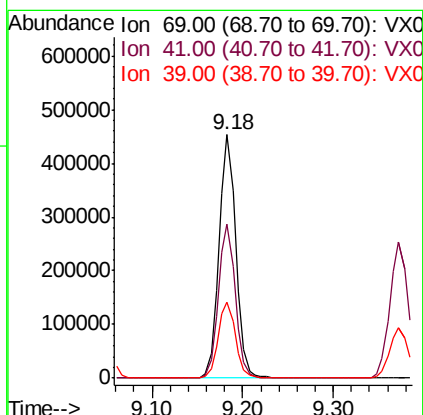
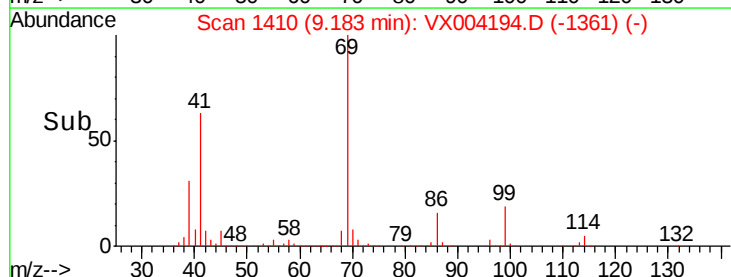
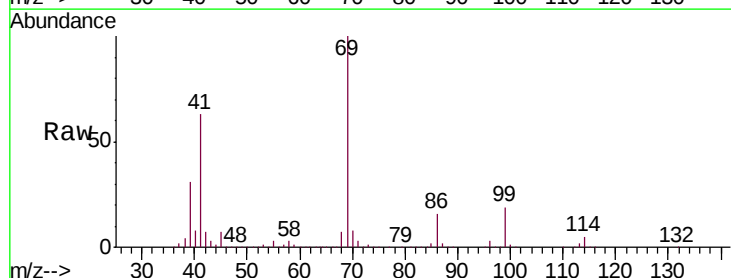
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

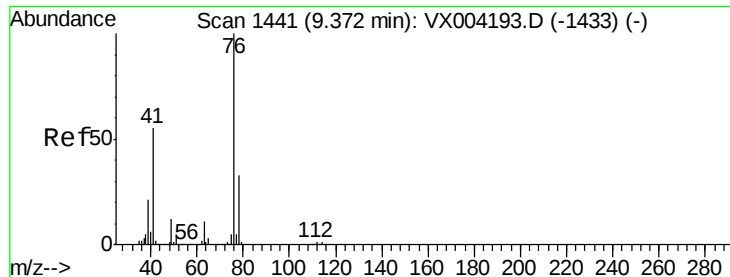
Tgt Ion:	97	Resp:	383193
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.4	99.6
85	54.9	43.3	64.9
99	63.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 109.811 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Tgt Ion:	69	Resp:	589144
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.0	76.4
39	32.2	26.1	39.1





#57

1,3-Dichloropropane

Concen: 97.876 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

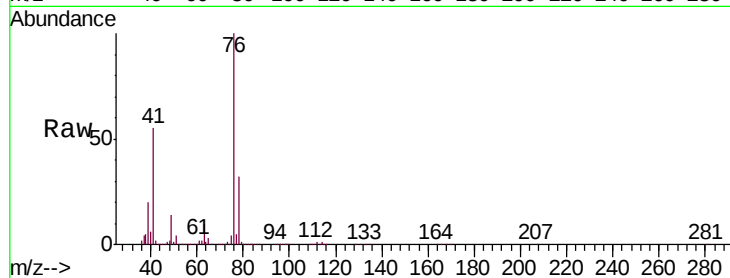
VSTDICC100

Tgt Ion: 76 Resp: 650195

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

500000

400000

300000

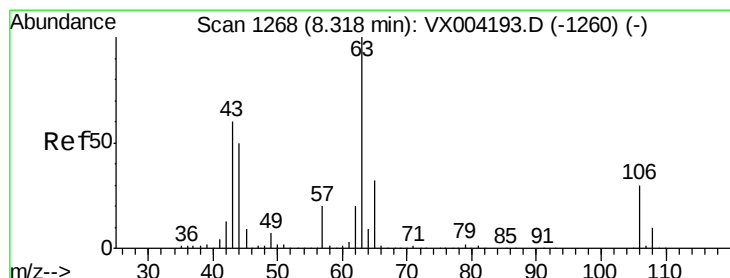
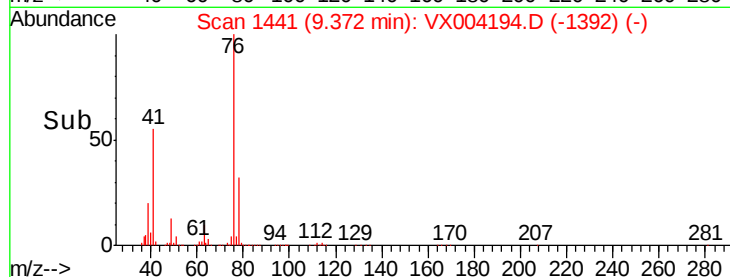
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 567.024 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004194.D

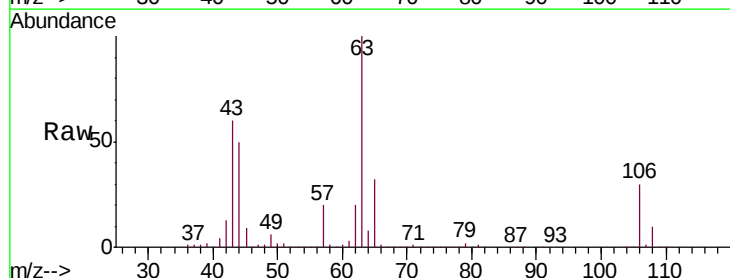
Acq: 22 Aug 2018 12:08

Tgt Ion: 63 Resp: 1558746

Ion Ratio Lower Upper

63 100

106 29.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

1200000

1000000

800000

600000

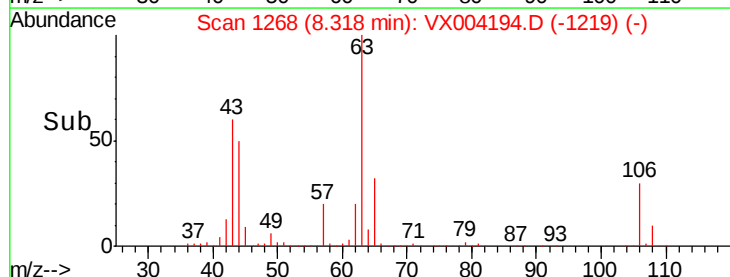
400000

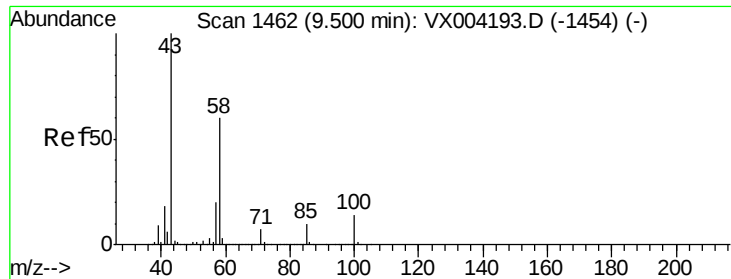
200000

0

8.20 8.30 8.40

Time-->

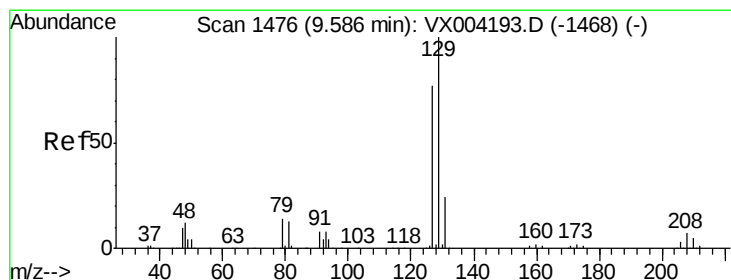
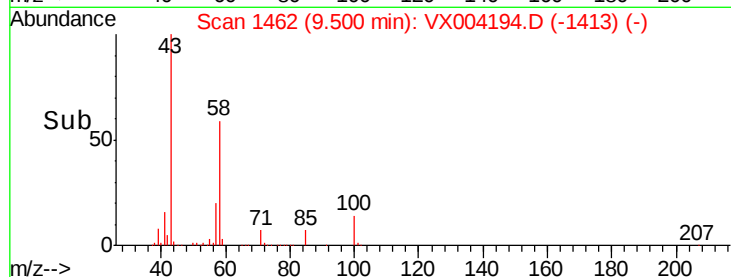
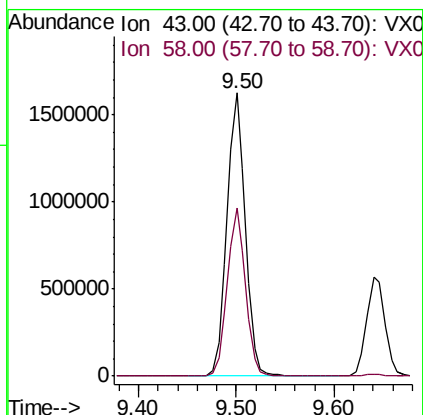
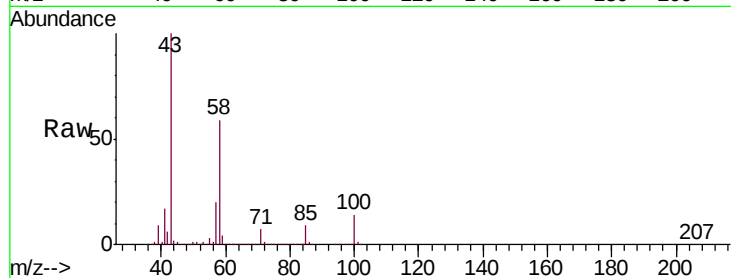




#59
2-Hexanone
Concen: 485.465 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

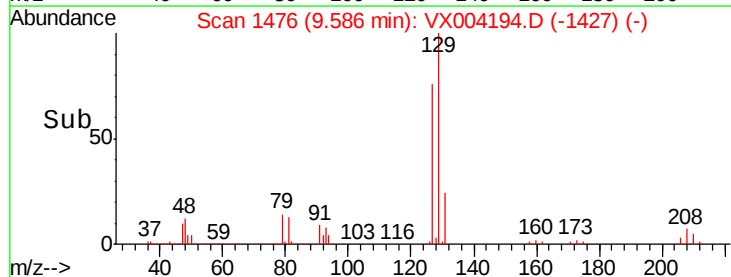
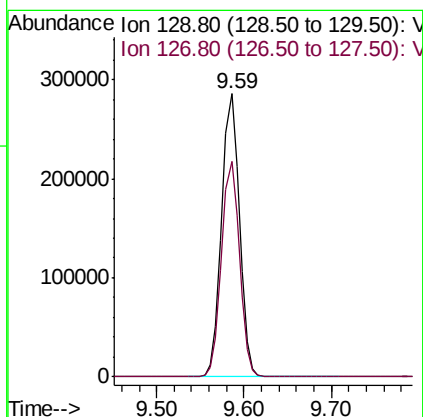
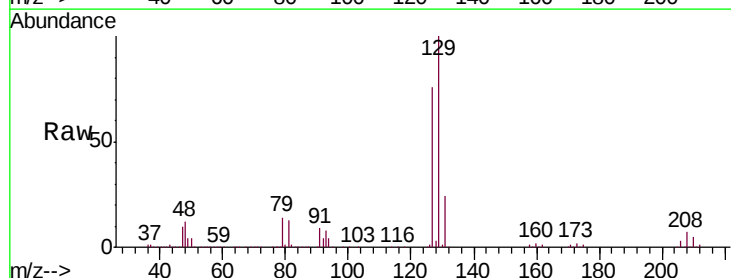
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

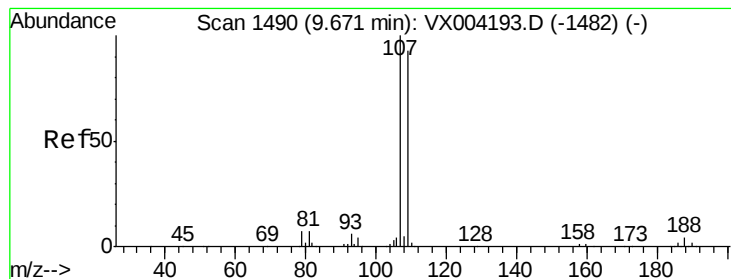
Tgt Ion: 43 Resp: 2122662
Ion Ratio Lower Upper
43 100
58 58.8 29.0 87.0



#60
Dibromochloromethane
Concen: 104.911 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion: 129 Resp: 402835
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 99.123 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

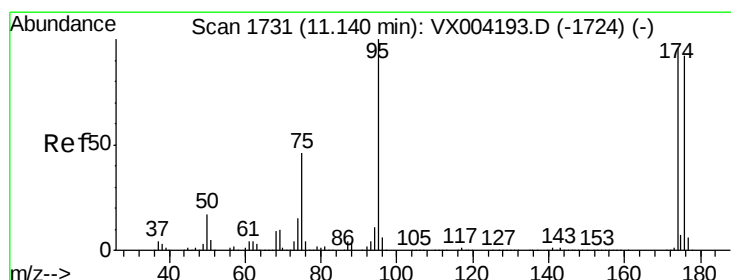
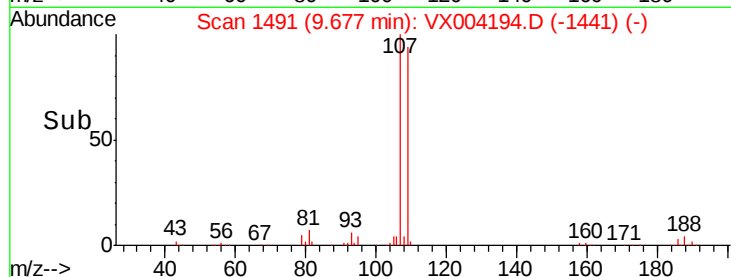
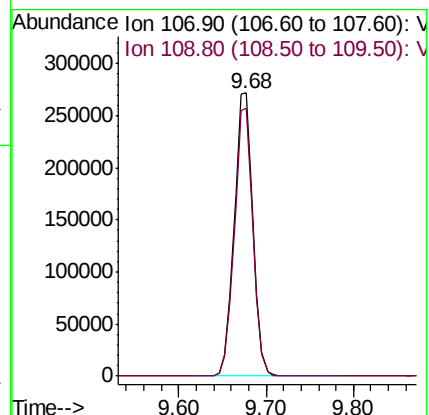
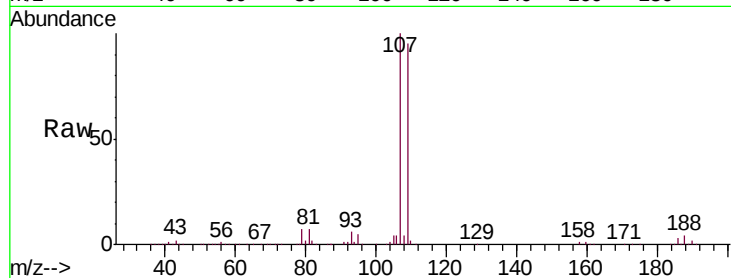
VSTDIC100

Tgt Ion:107 Resp: 404279

Ion Ratio Lower Upper

107 100

109 94.2 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 106.141 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

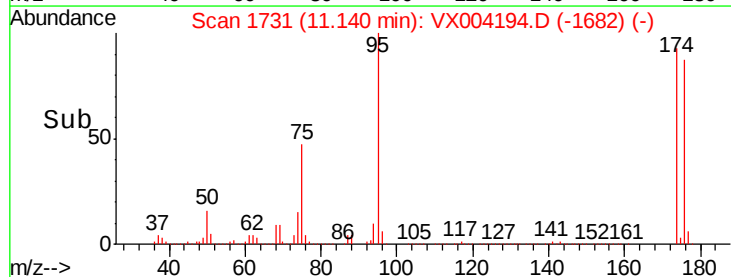
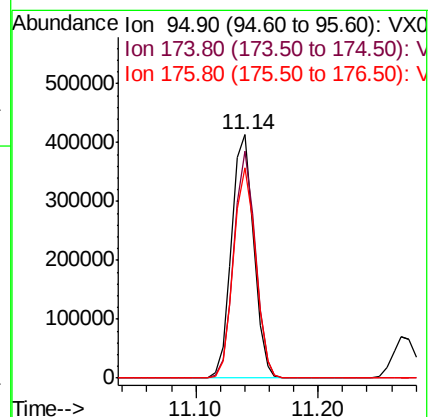
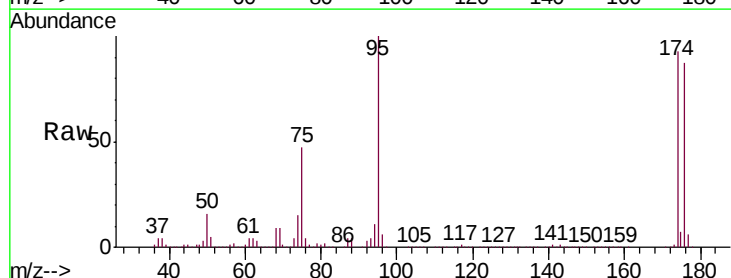
Tgt Ion: 95 Resp: 516341

Ion Ratio Lower Upper

95 100

174 90.7 0.0 185.2

176 86.8 0.0 178.6

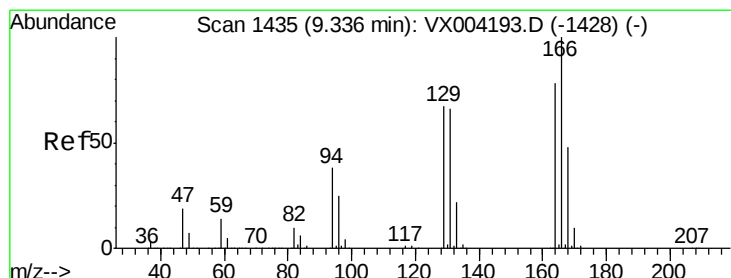
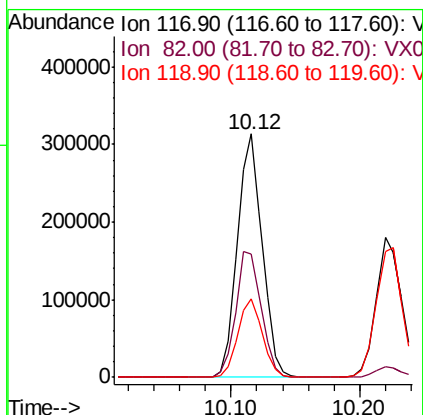
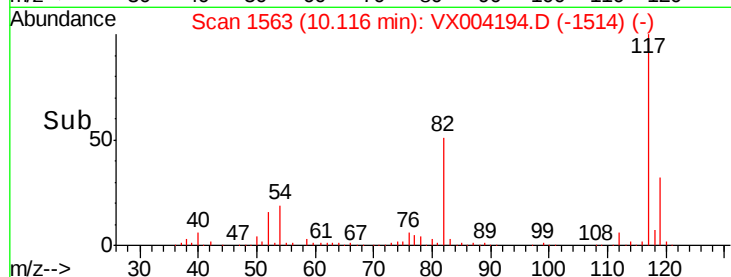
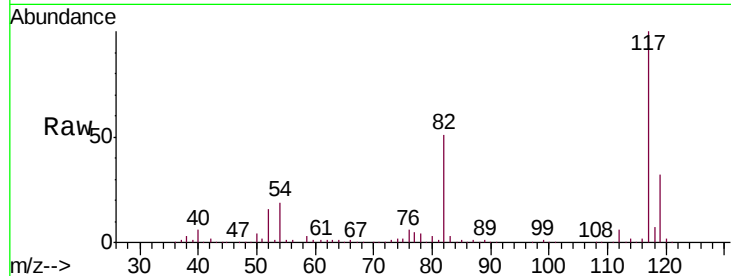




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

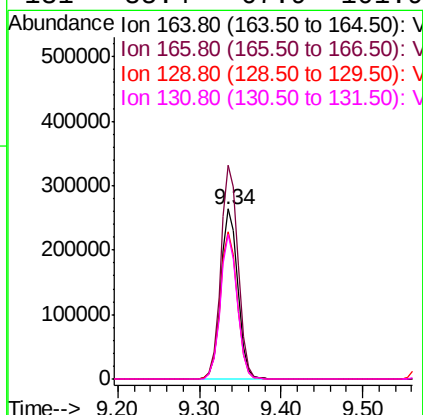
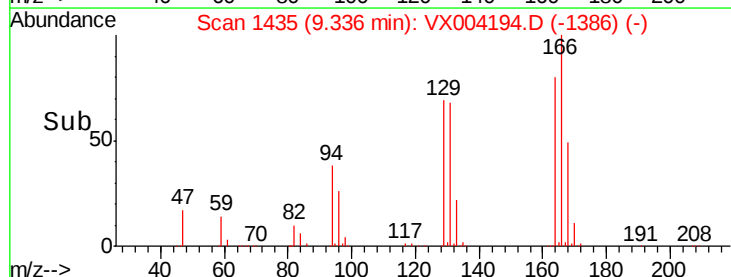
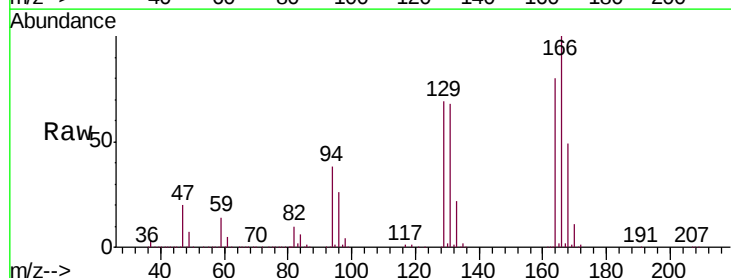
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 418686
Ion Ratio Lower Upper
117 100
82 50.7 47.8 71.6
119 32.3 29.3 43.9



#64
Tetrachloroethene
Concen: 92.487 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion:164 Resp: 382530
Ion Ratio Lower Upper
164 100
166 125.6 102.8 154.2
129 86.9 69.4 104.0
131 85.4 67.9 101.9

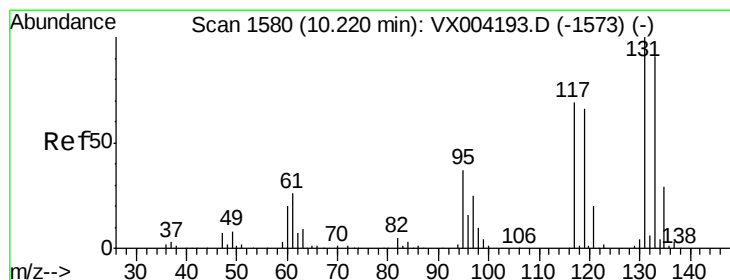
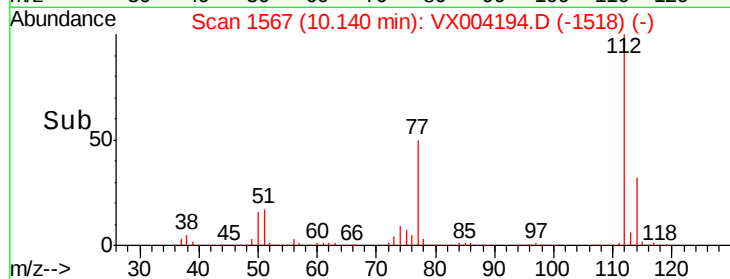
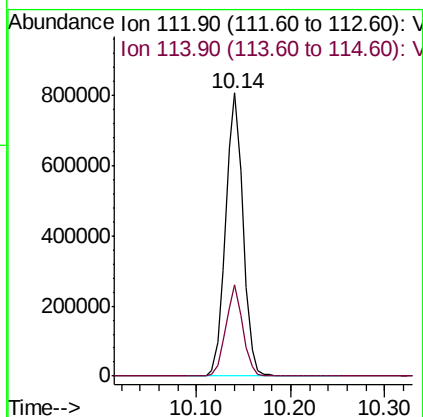
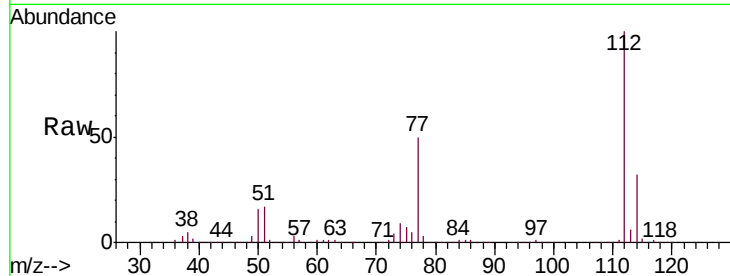




#65
Chlorobenzene
Concen: 98.341 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

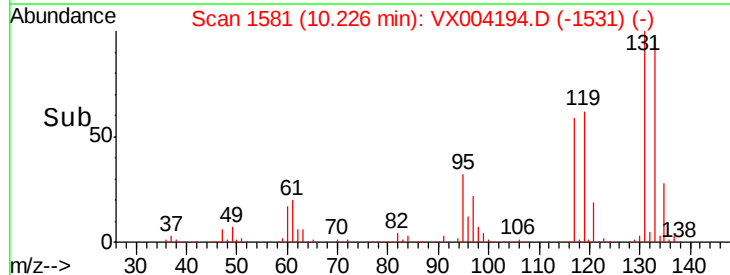
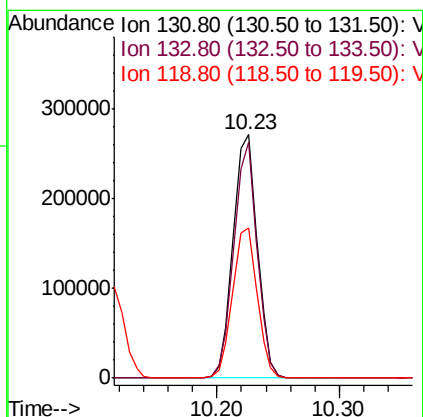
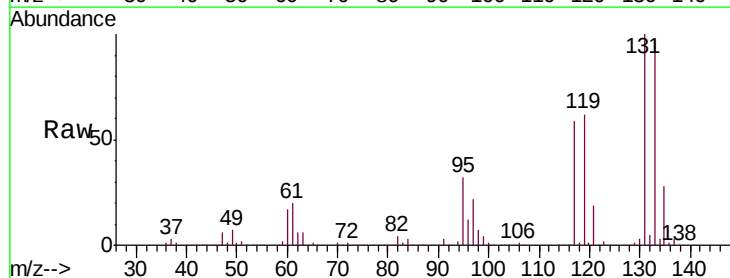
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

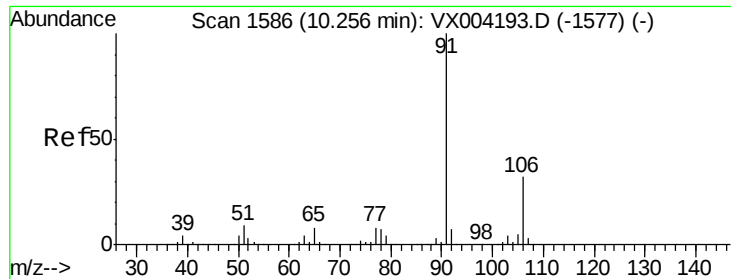
Tgt Ion:112 Resp: 1033362
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 102.415 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion:131 Resp: 371182
Ion Ratio Lower Upper
131 100
133 93.0 48.1 144.4
119 62.6 32.9 98.6





#67

Ethyl Benzene

Concen: 100.744 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

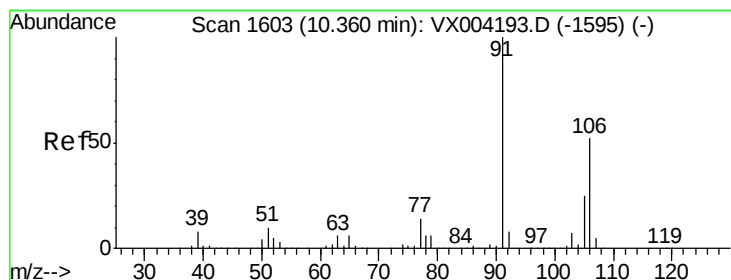
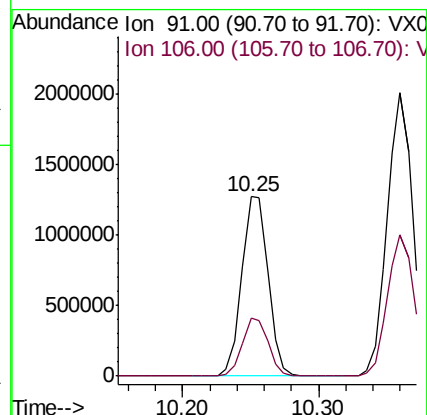
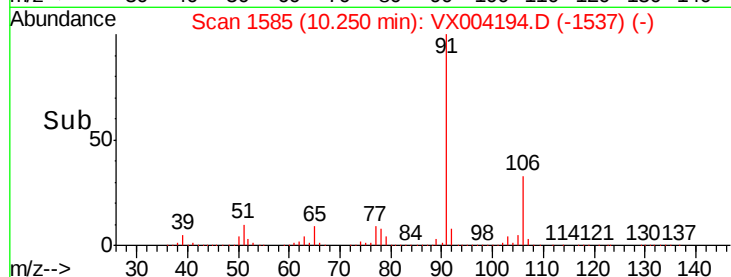
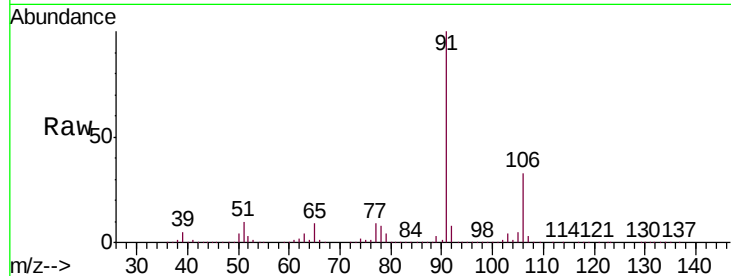
VSTDIC100

Tgt Ion: 91 Resp: 1719229

Ion Ratio Lower Upper

91 100

106 32.6 25.9 38.9



#68

m/p-Xylenes

Concen: 204.161 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004194.D

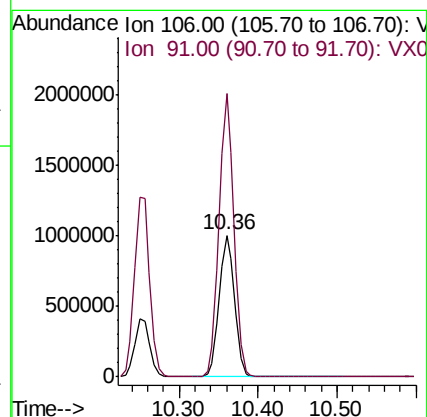
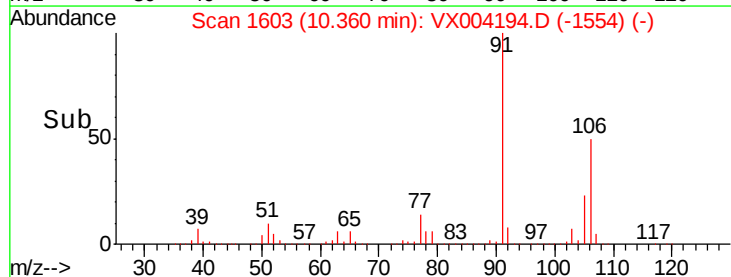
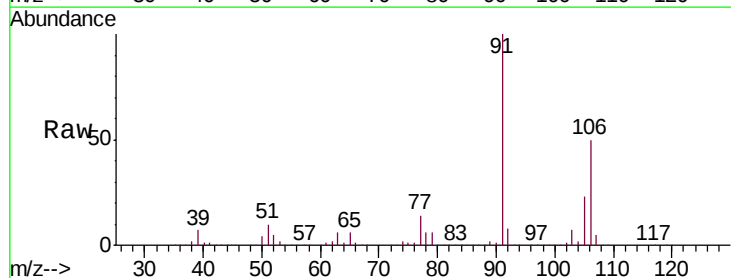
Acq: 22 Aug 2018 12:08

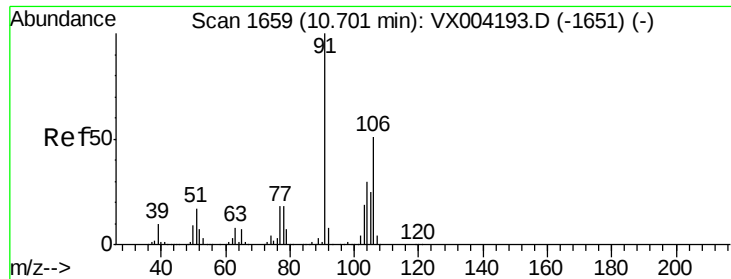
Tgt Ion: 106 Resp: 1362329

Ion Ratio Lower Upper

106 100

91 193.9 157.1 235.7

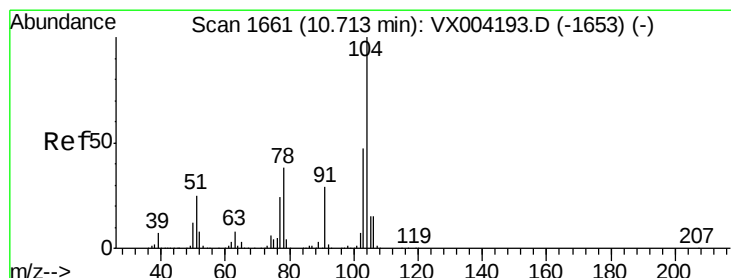
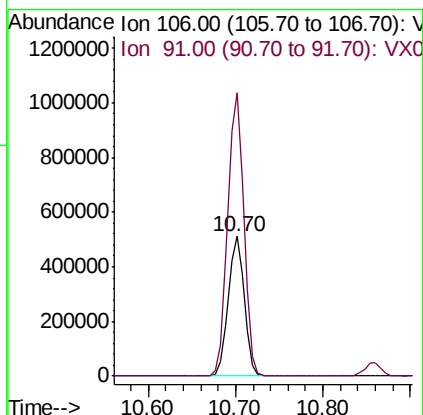
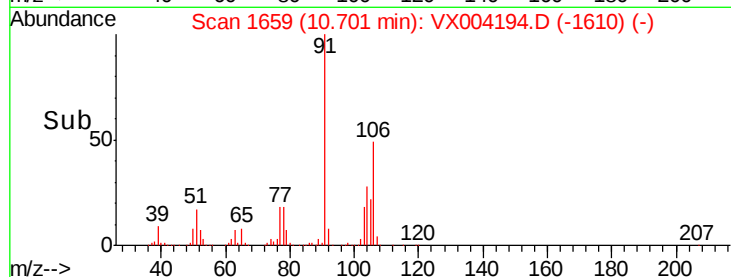
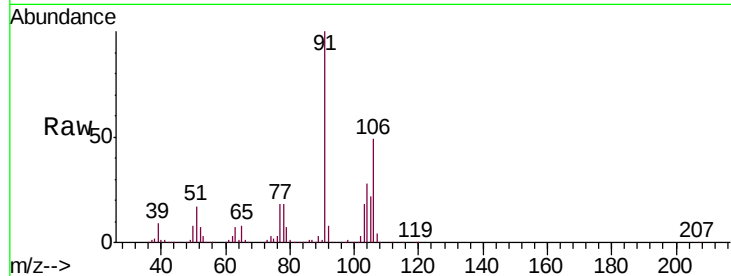




#69
o-Xylene
Concen: 102.924 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

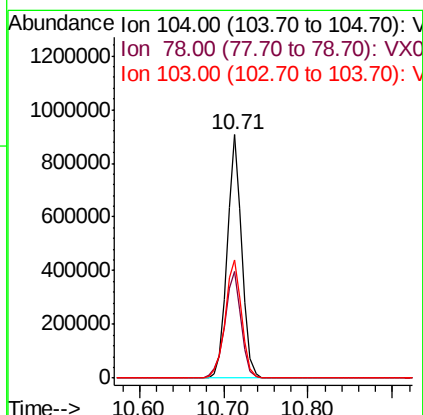
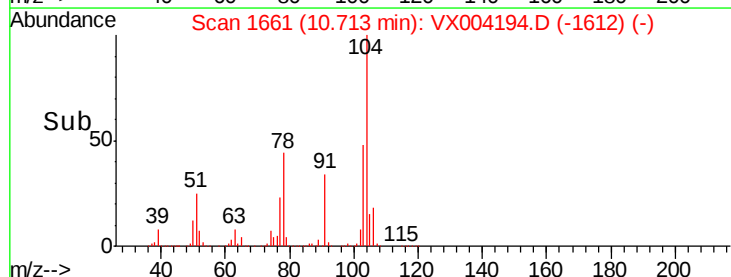
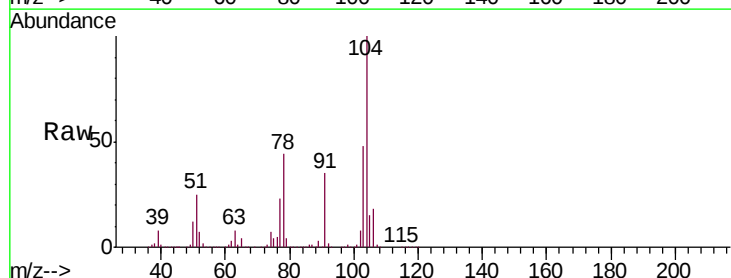
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

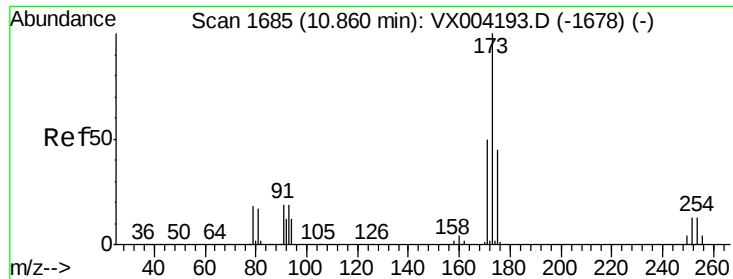
Tgt Ion:106 Resp: 649652
Ion Ratio Lower Upper
106 100
91 204.6 105.1 315.1



#70
Styrene
Concen: 105.875 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion:104 Resp: 1082055
Ion Ratio Lower Upper
104 100
78 49.0 37.4 56.0
103 54.4 43.8 65.6

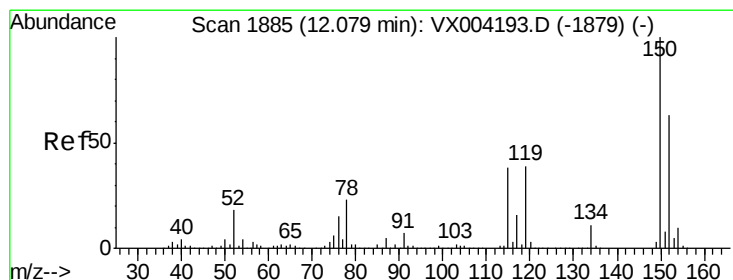
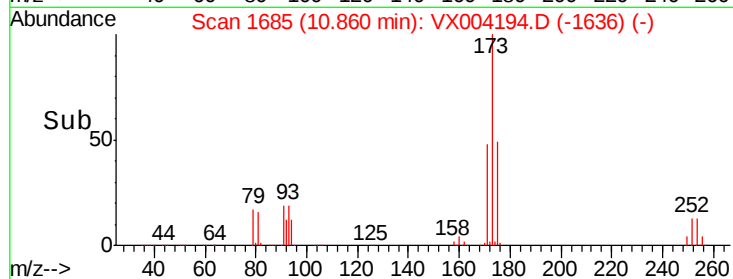
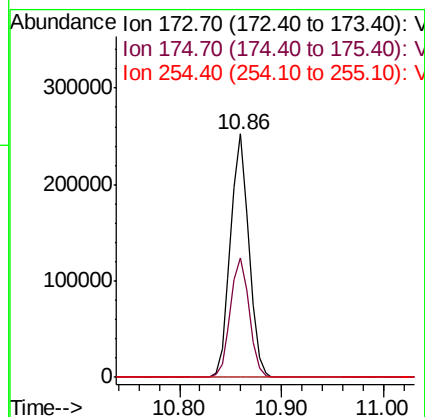
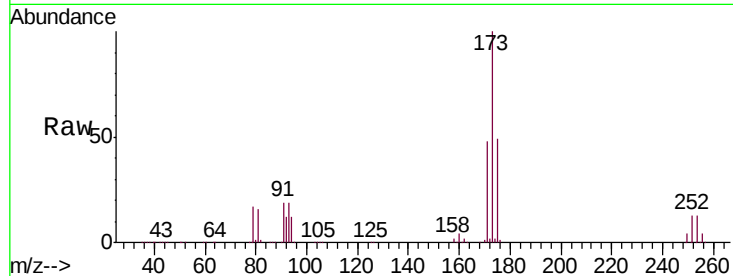




#71
Bromoform
Concen: 107.453 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

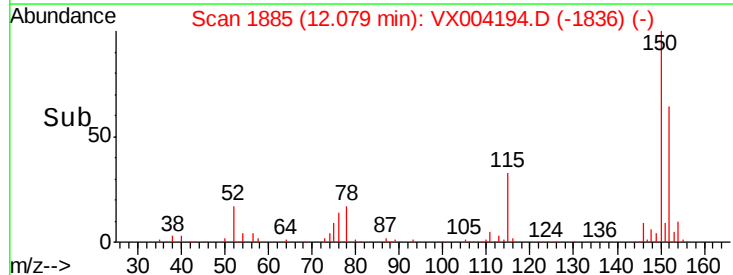
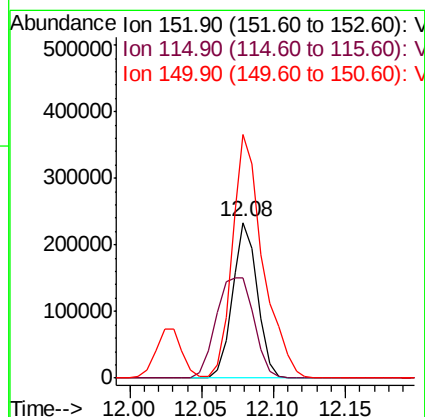
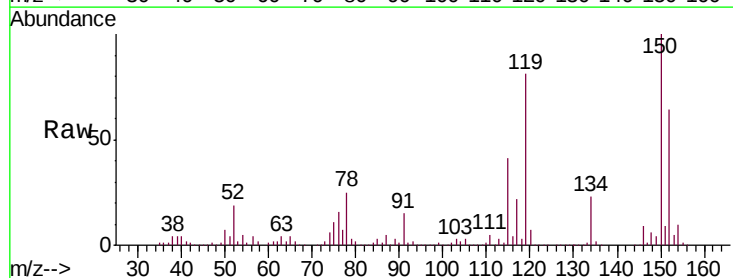
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 313927
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion:152 Resp: 281822
Ion Ratio Lower Upper
152 100
115 98.0 39.0 117.0
150 190.7 0.0 351.0





#73

Isopropylbenzene

Concen: 100.034 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

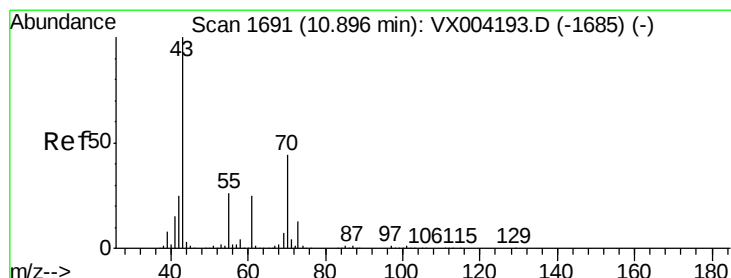
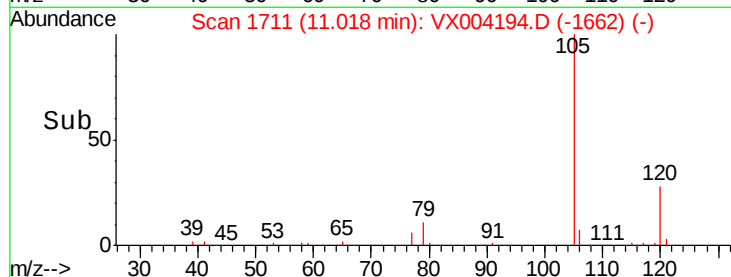
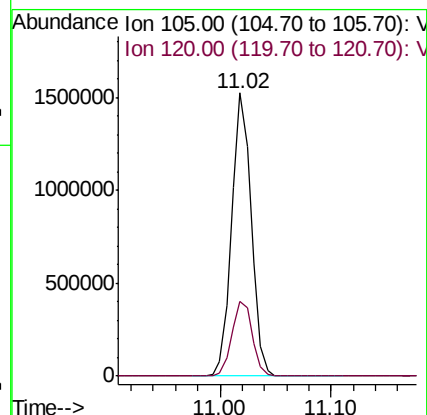
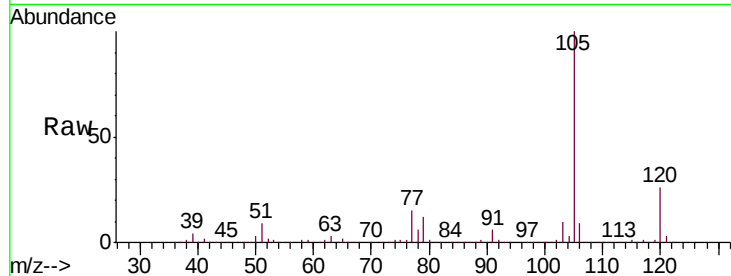
VSTDIC100

Tgt Ion:105 Resp: 1851598

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 105.736 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Tgt Ion: 43 Resp: 753556

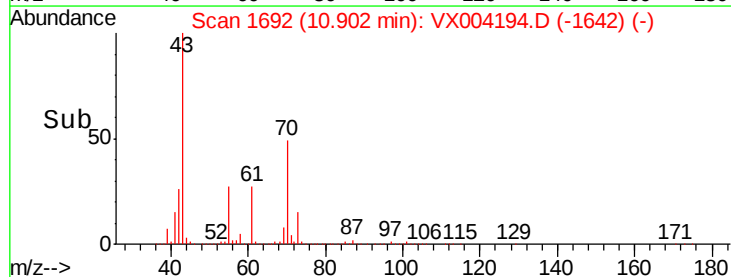
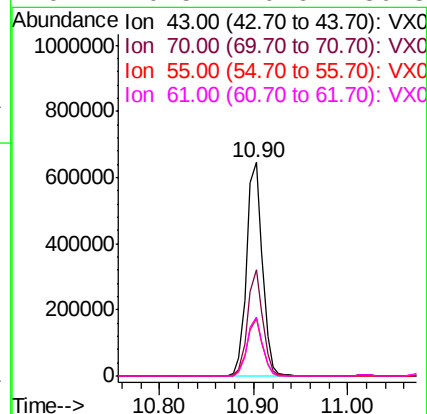
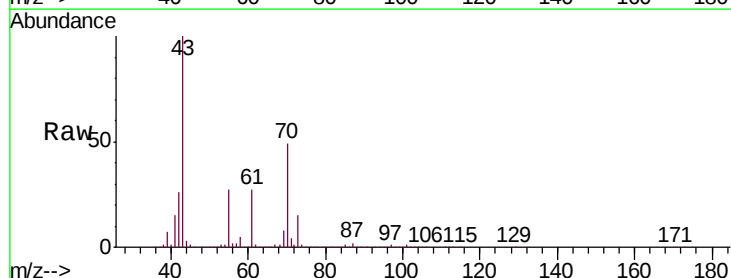
Ion Ratio Lower Upper

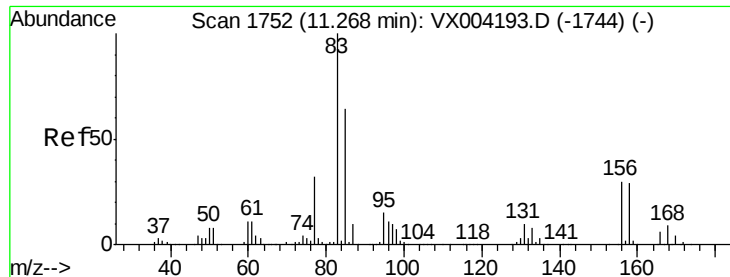
43 100

70 47.8 37.4 56.0

55 26.4 21.8 32.8

61 26.5 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 94.950 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

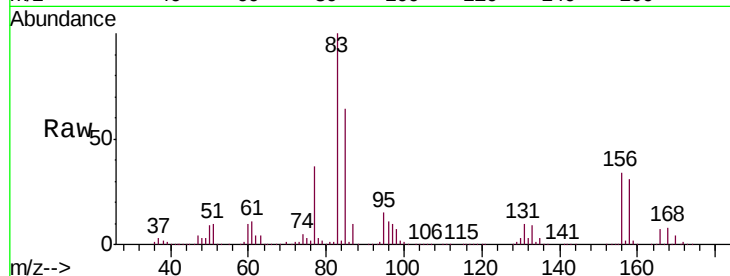
Tgt Ion: 83 Resp: 615033

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

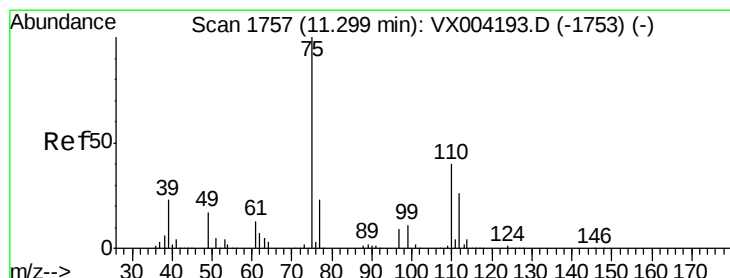
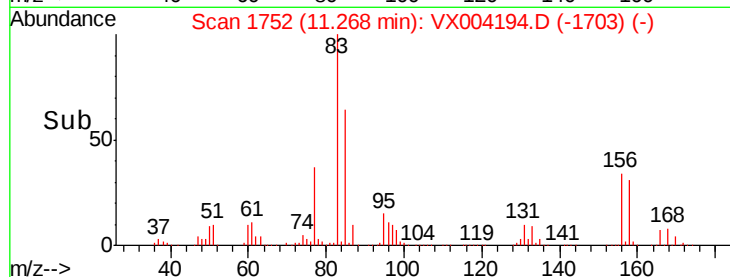
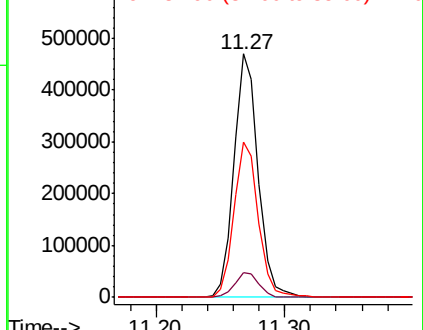
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 129.618 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004194.D

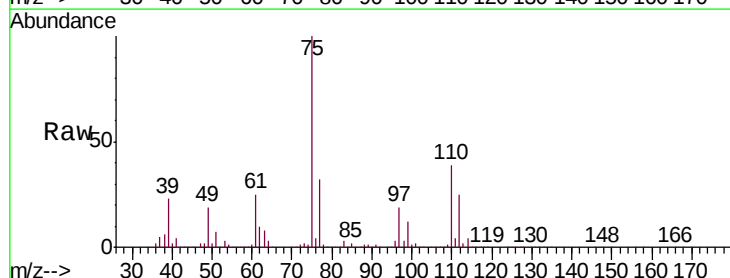
Acq: 22 Aug 2018 12:08

Tgt Ion: 75 Resp: 721213

Ion Ratio Lower Upper

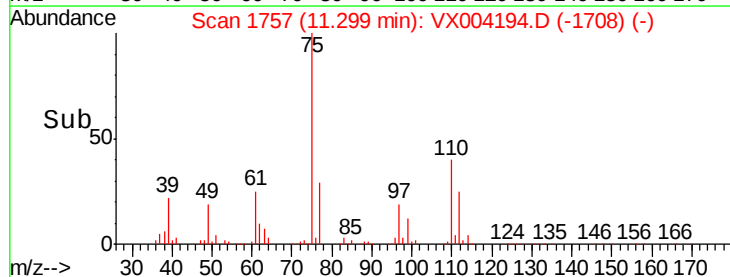
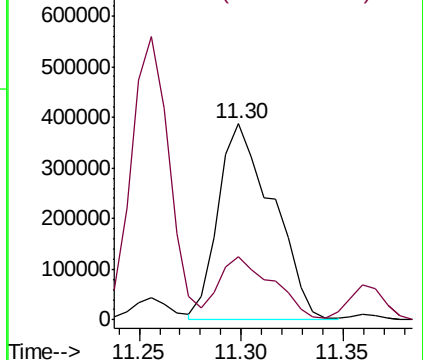
75 100

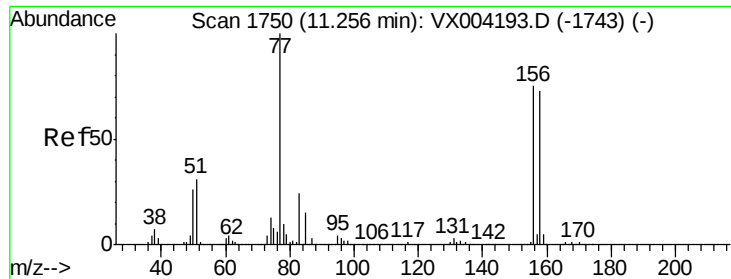
77 31.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 96.684 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

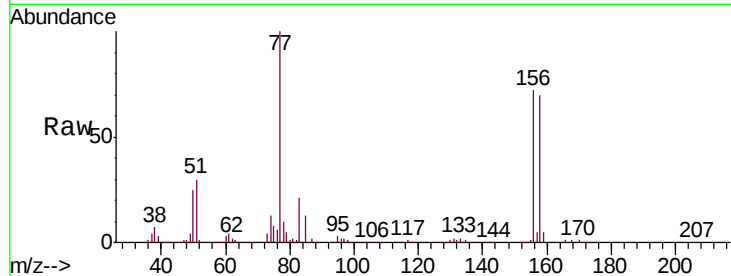
Tgt Ion: 156 Resp: 502006

Ion Ratio Lower Upper

156 100

77 144.5 71.5 214.3

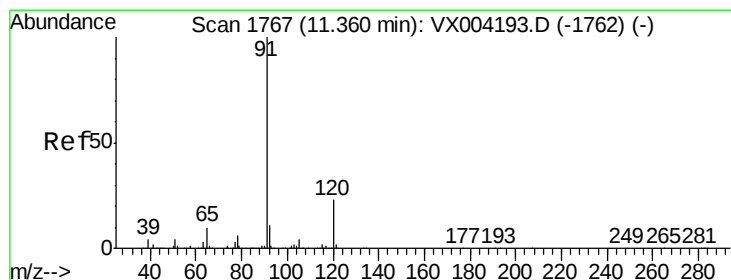
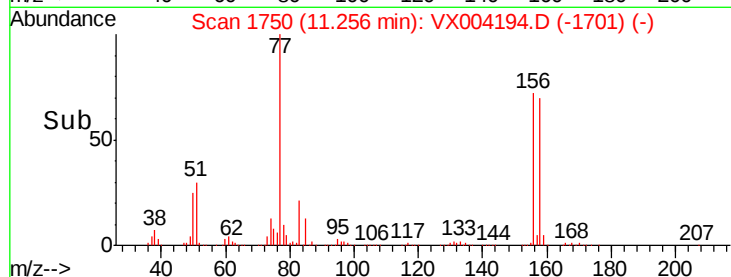
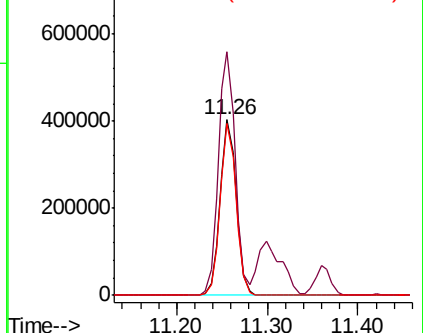
158 96.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.590 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004194.D

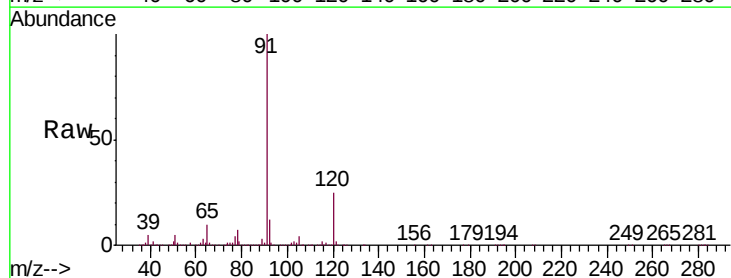
Acq: 22 Aug 2018 12:08

Tgt Ion: 91 Resp: 2120136

Ion Ratio Lower Upper

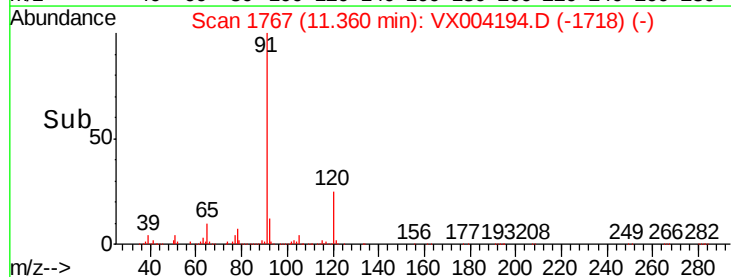
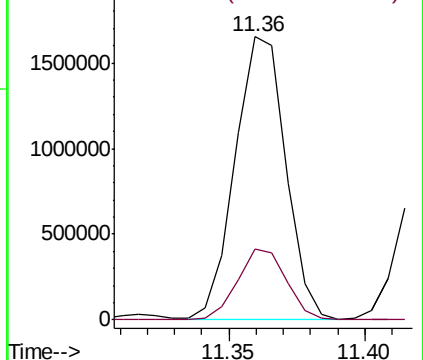
91 100

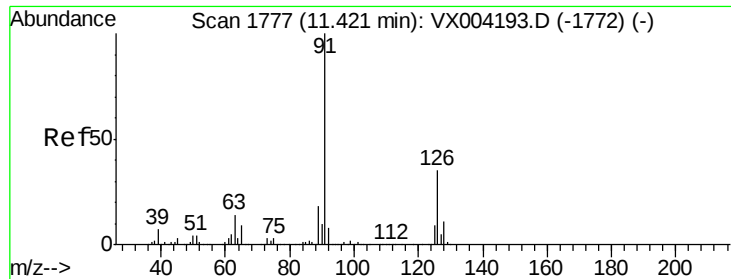
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 96.887 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

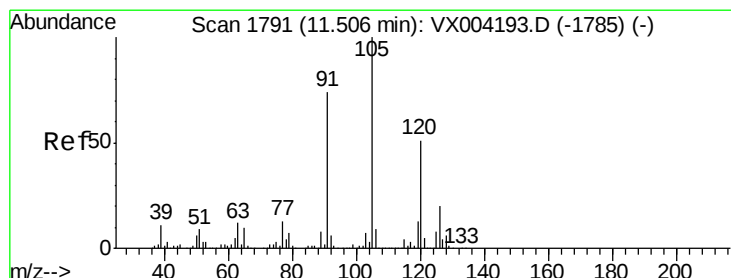
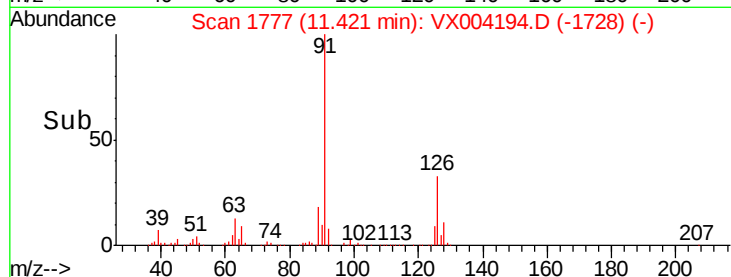
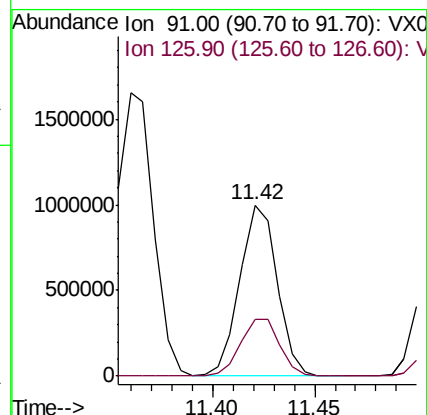
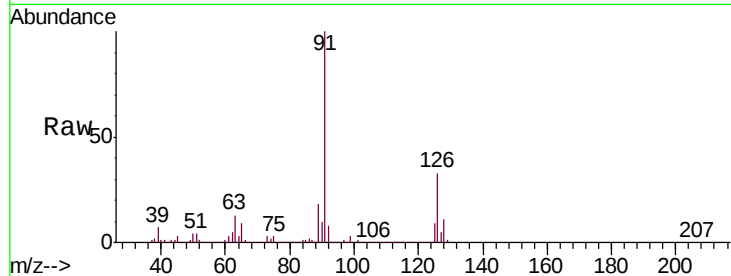
VSTDIC100

Tgt Ion: 91 Resp: 1269542

Ion Ratio Lower Upper

91 100

126 35.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 102.053 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004194.D

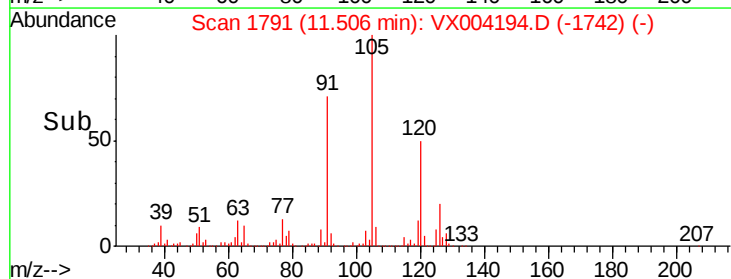
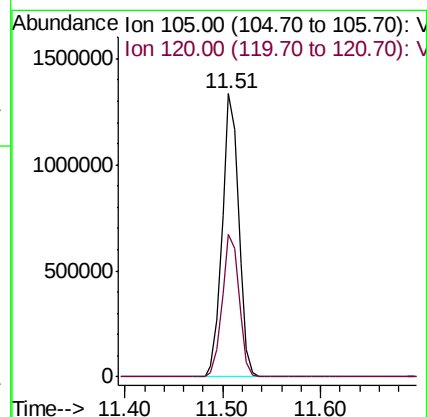
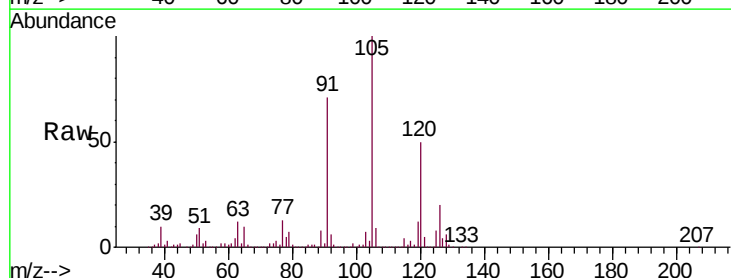
Acq: 22 Aug 2018 12:08

Tgt Ion: 105 Resp: 1564326

Ion Ratio Lower Upper

105 100

120 51.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 112.883 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.01 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

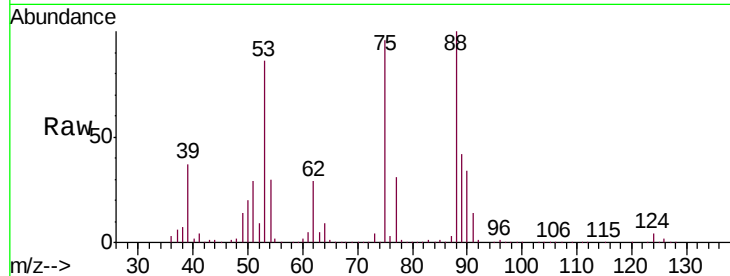
Tgt Ion: 75 Resp: 199415

Ion Ratio Lower Upper

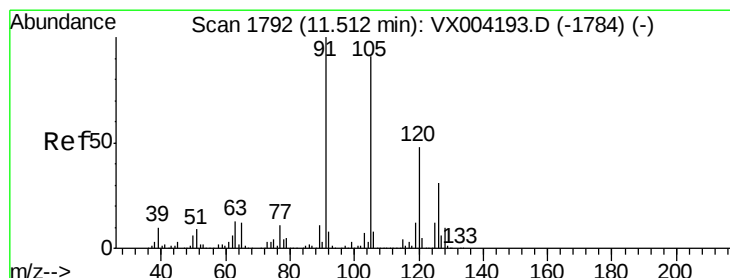
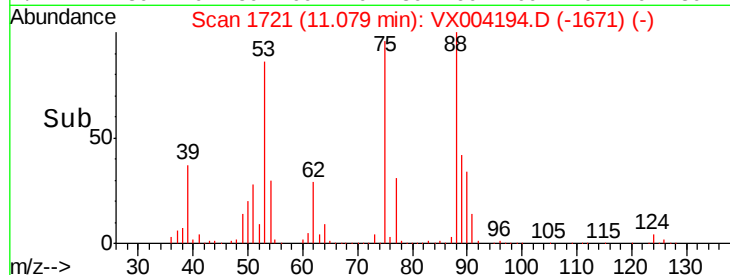
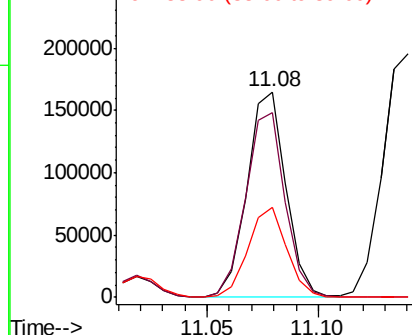
75 100

53 92.3 80.1 120.1

89 44.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 97.593 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004194.D

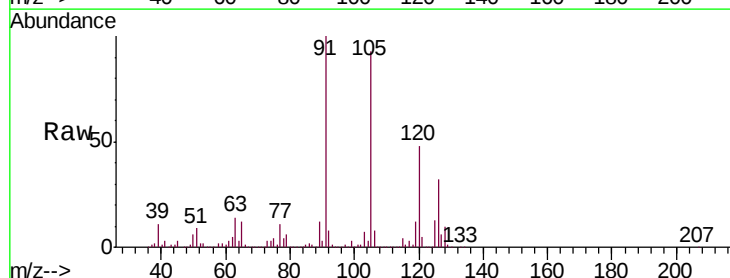
Acq: 22 Aug 2018 12:08

Tgt Ion: 91 Resp: 1504780

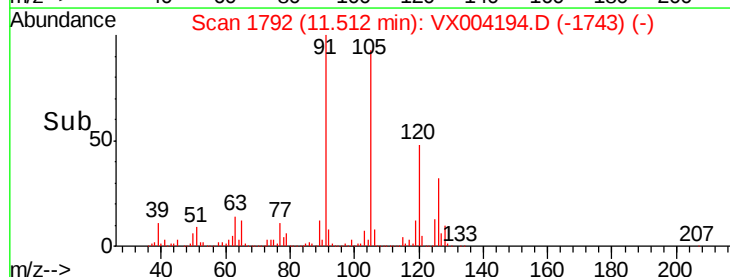
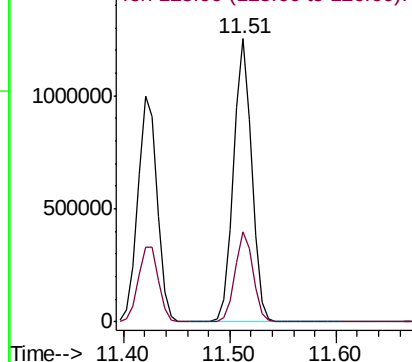
Ion Ratio Lower Upper

91 100

126 31.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

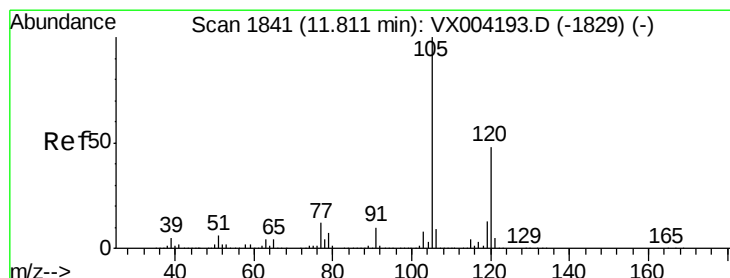
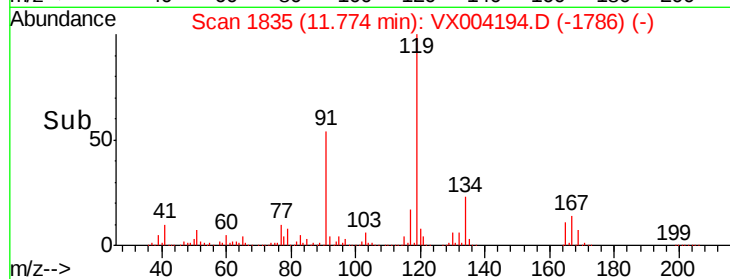
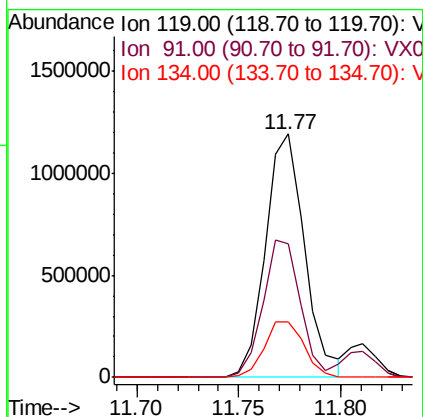
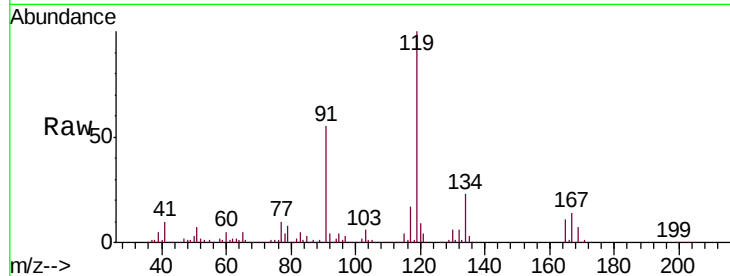




#83
 tert-Butylbenzene
 Concen: 103.448 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

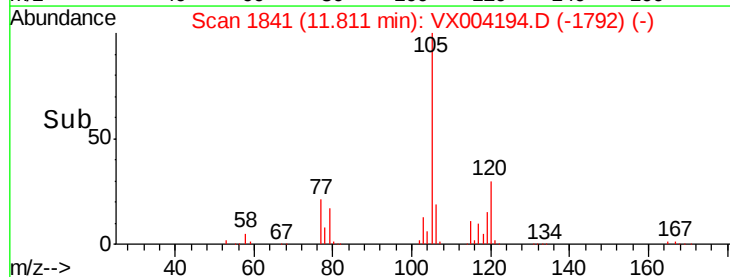
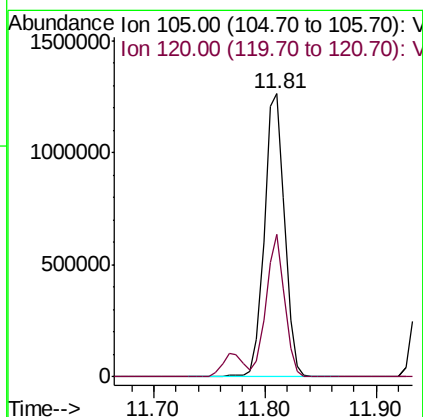
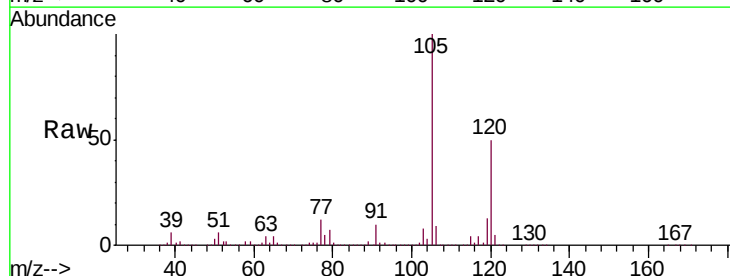
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

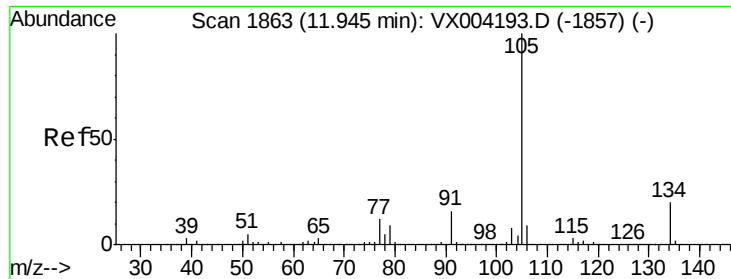
Tgt Ion:119 Resp: 1595421
 Ion Ratio Lower Upper
 119 100
 91 53.8 27.0 81.0
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 102.465 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Tgt Ion:105 Resp: 1612253
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6

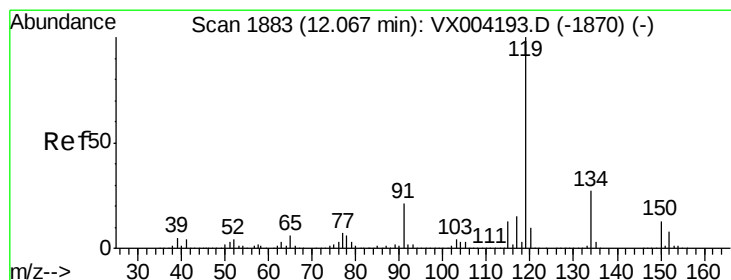
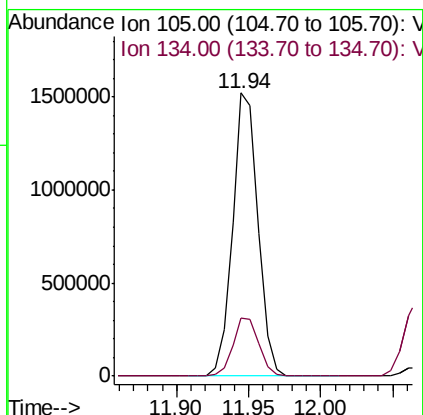
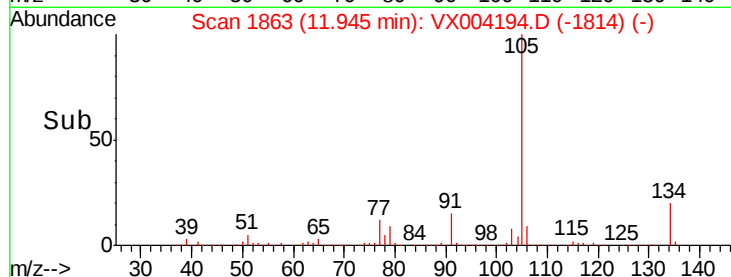
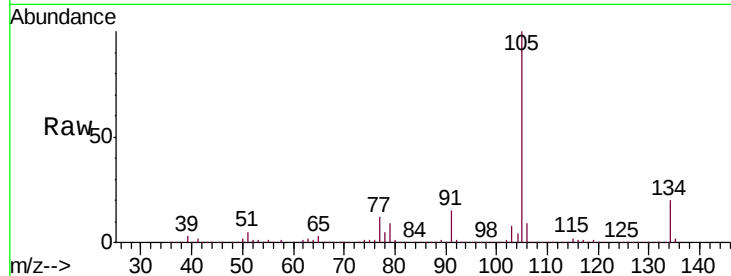




#85
 sec-Butylbenzene
 Concen: 102.313 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

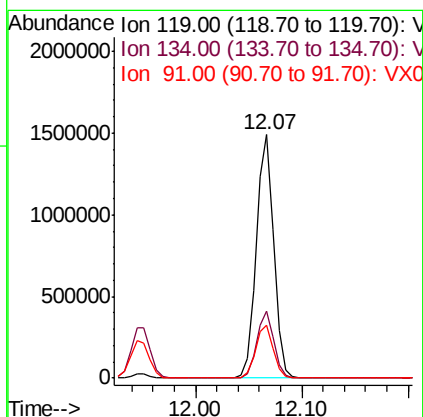
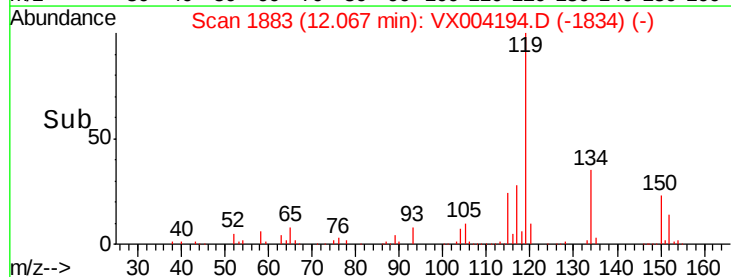
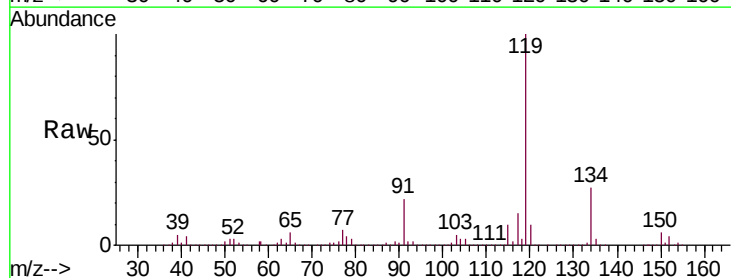
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

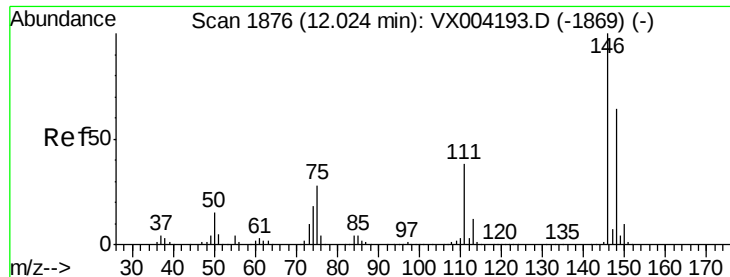
Tgt Ion:105 Resp: 1873355
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 104.425 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Tgt Ion:119 Resp: 1713527
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 22.0 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 94.627 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

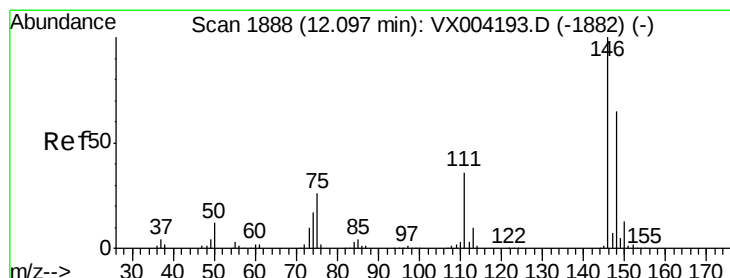
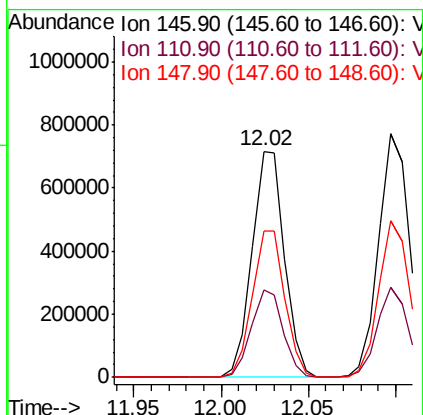
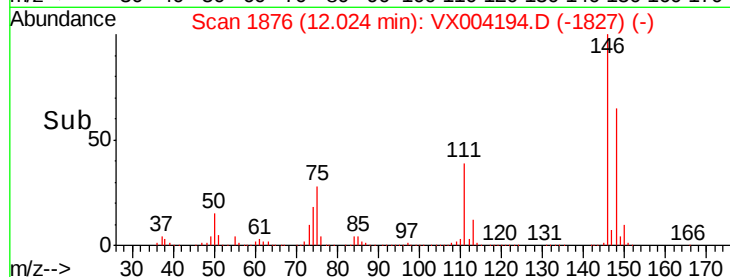
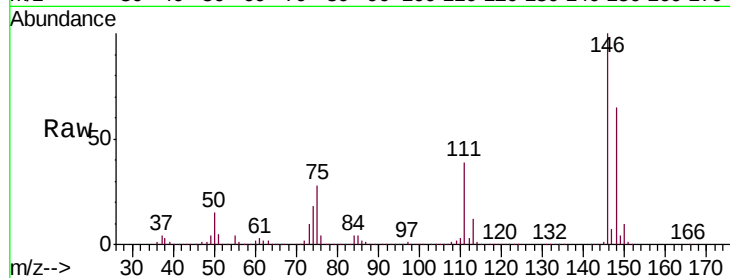
Tgt Ion:146 Resp: 925056

Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

148 64.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 91.873 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

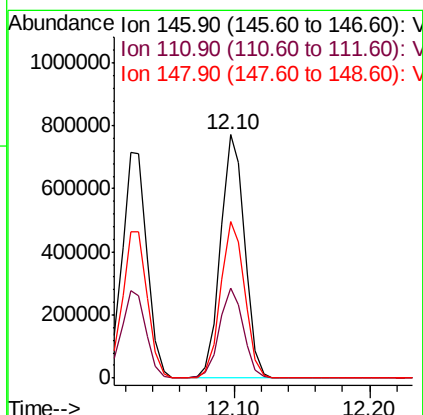
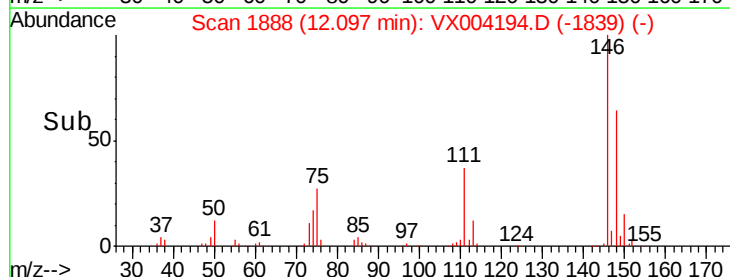
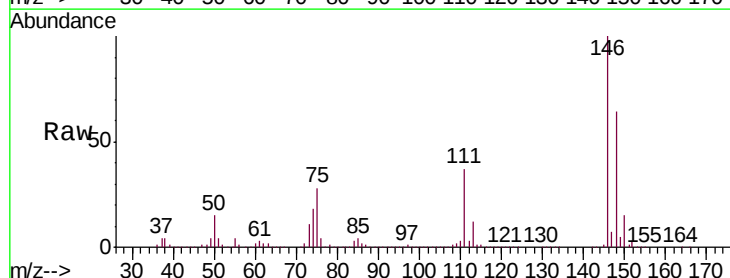
Tgt Ion:146 Resp: 944482

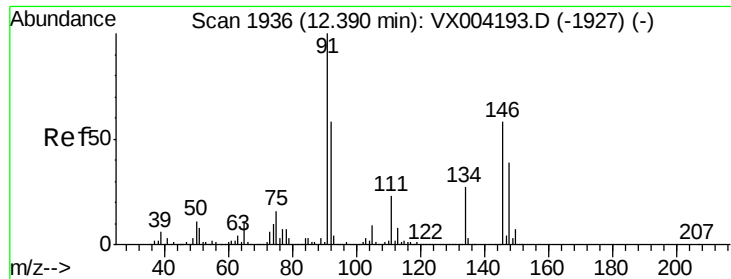
Ion Ratio Lower Upper

146 100

111 36.6 18.1 54.1

148 64.2 32.0 96.0

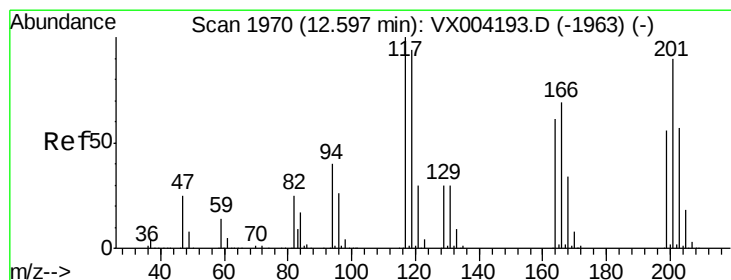
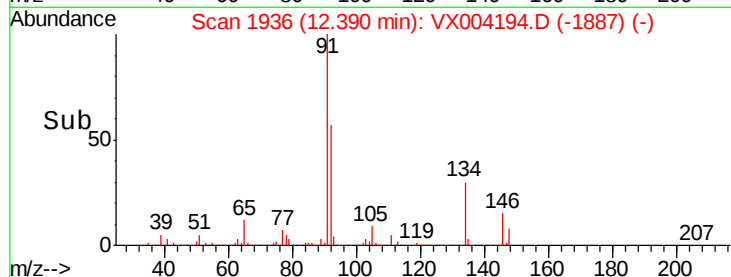
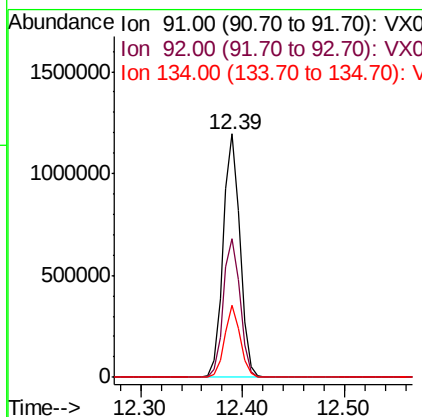
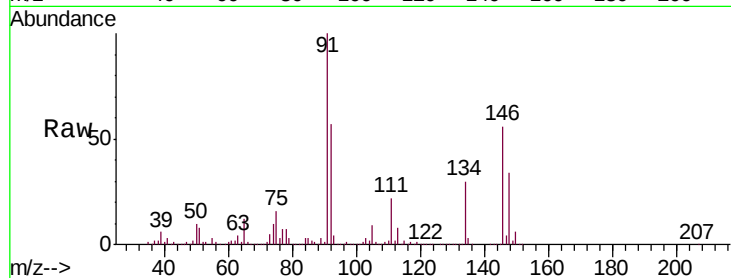




#89
n-Butylbenzene
Concen: 102.935 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

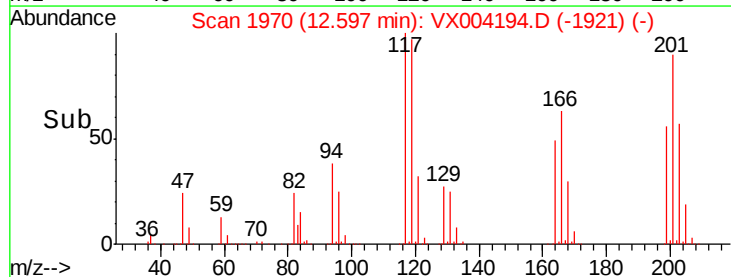
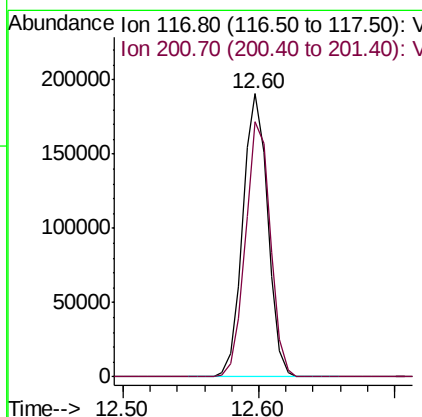
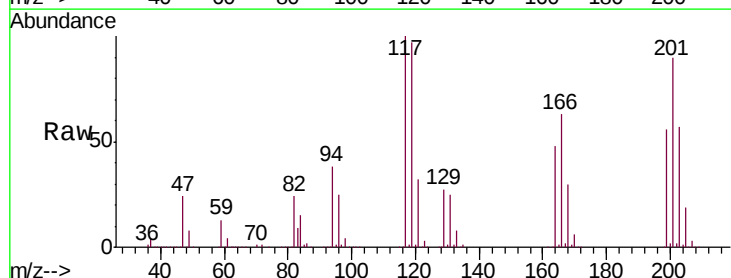
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

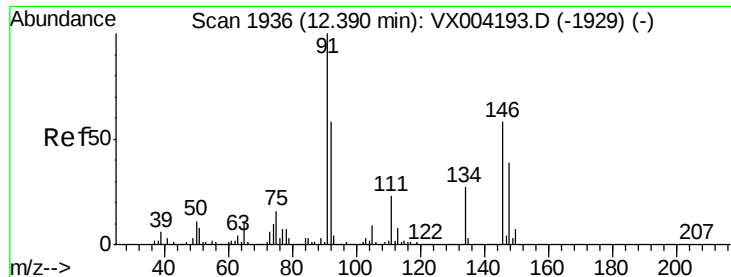
Tgt Ion: 91 Resp: 1373488
Ion Ratio Lower Upper
91 100
92 57.0 27.3 81.9
134 27.7 13.6 40.7



#90
Hexachloroethane
Concen: 106.072 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004194.D
Acq: 22 Aug 2018 12:08

Tgt Ion: 117 Resp: 243279
Ion Ratio Lower Upper
117 100
201 90.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 97.799 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

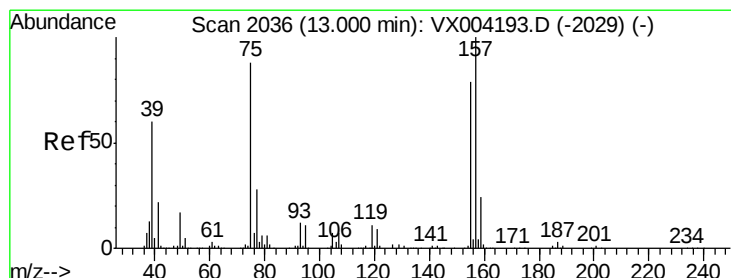
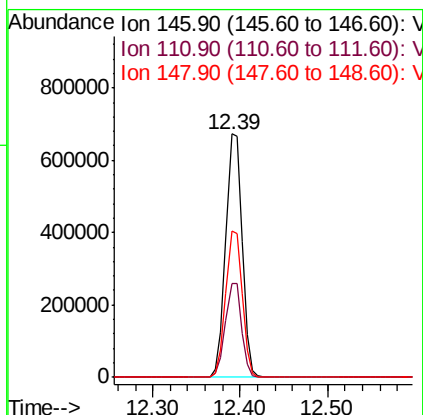
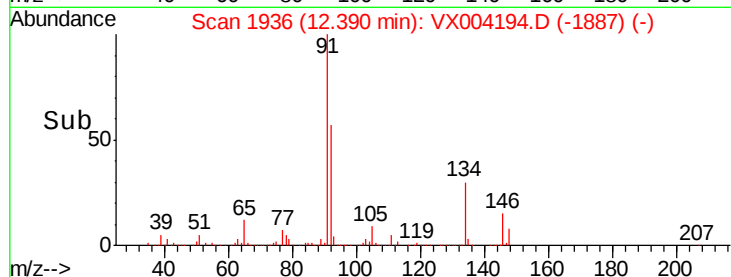
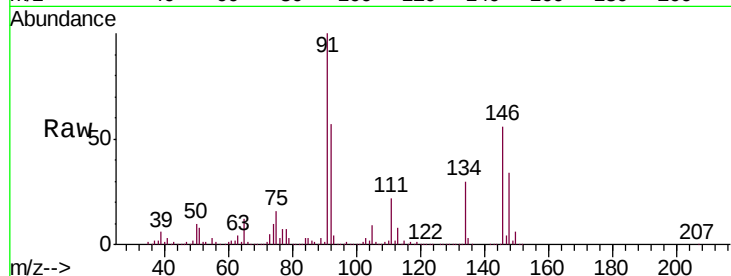
Tgt Ion:146 Resp: 873800

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.1

148 60.7 32.8 98.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.470 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

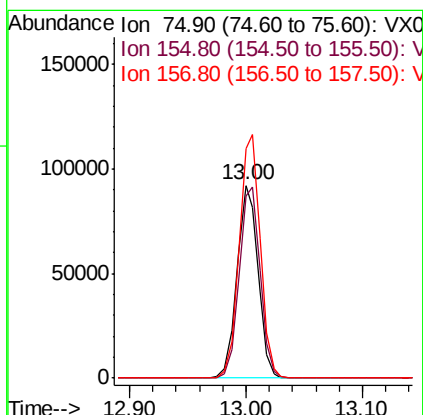
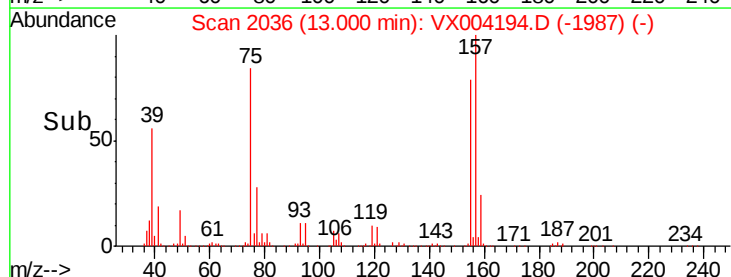
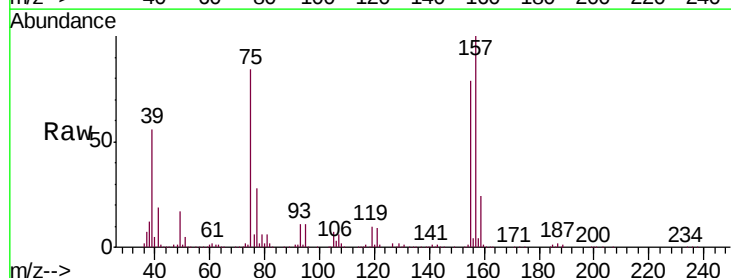
Tgt Ion: 75 Resp: 115767

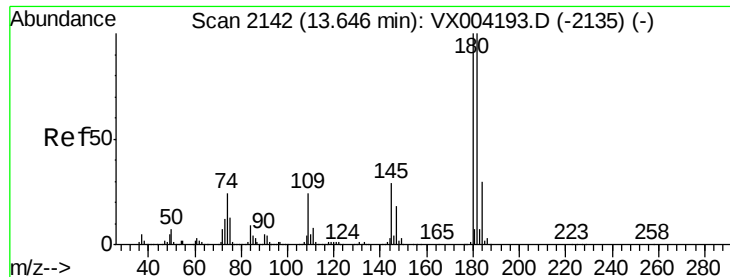
Ion Ratio Lower Upper

75 100

155 98.8 48.0 144.2

157 126.1 61.4 184.1

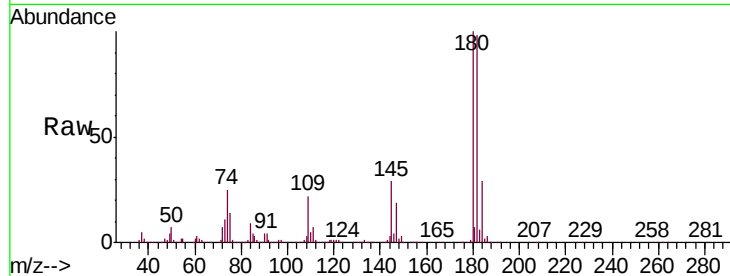




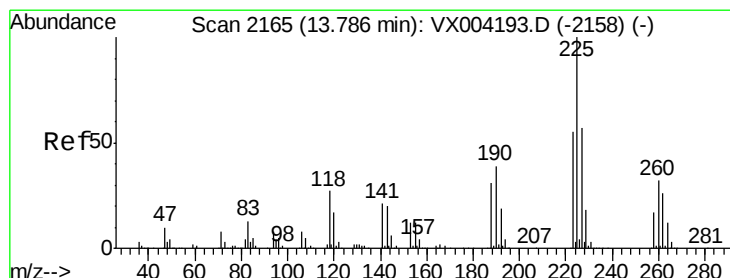
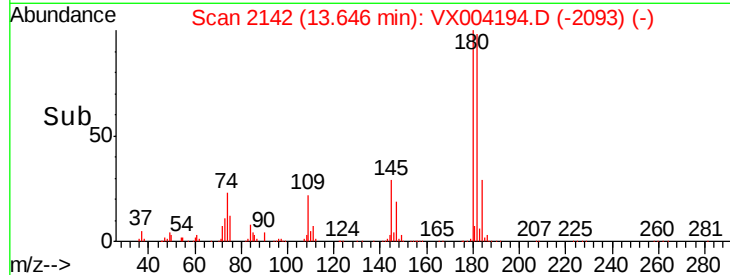
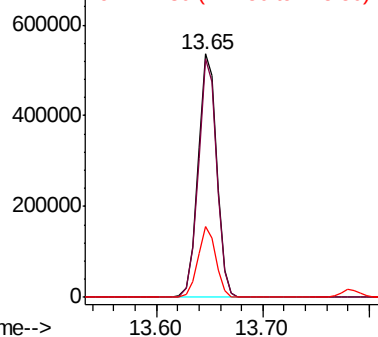
#93
 1,2,4-Trichlorobenzene
 Concen: 101.013 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 656662
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.4 145.0
 145 28.1 14.3 42.9

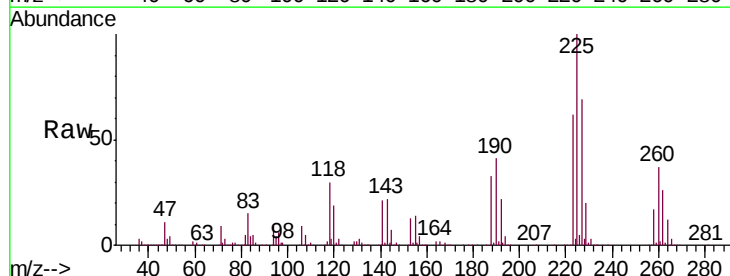


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

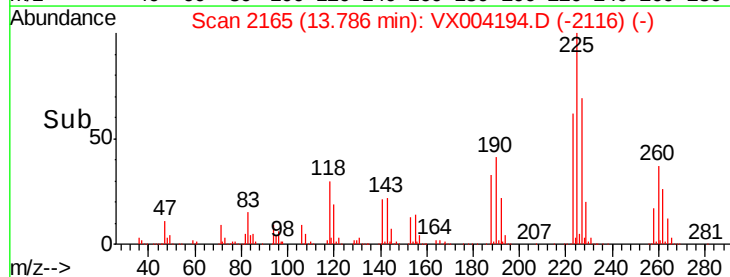
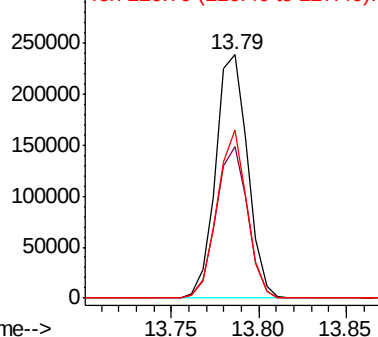


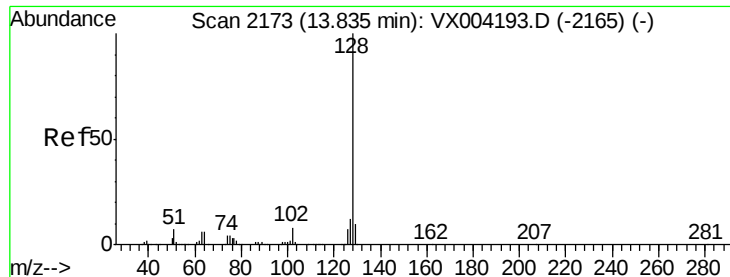
#94
 Hexachlorobutadiene
 Concen: 94.869 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004194.D
 Acq: 22 Aug 2018 12:08

Tgt Ion:225 Resp: 302767
 Ion Ratio Lower Upper
 225 100
 223 61.6 30.1 90.5
 227 64.3 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 109.026 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

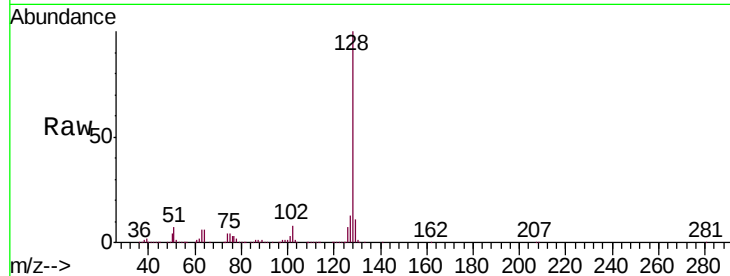
Tgt Ion:128 Resp: 2004622

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

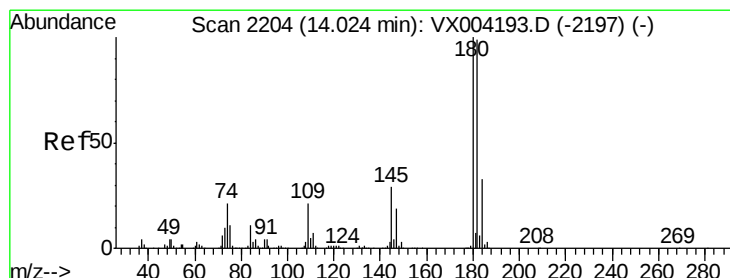
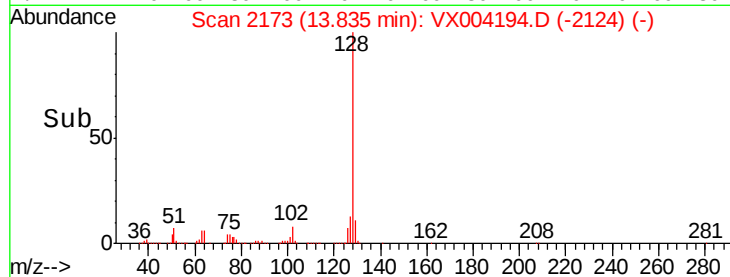
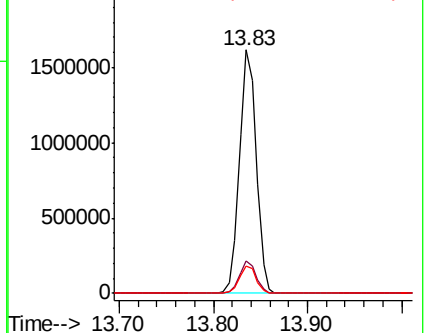
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 101.124 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004194.D

Acq: 22 Aug 2018 12:08

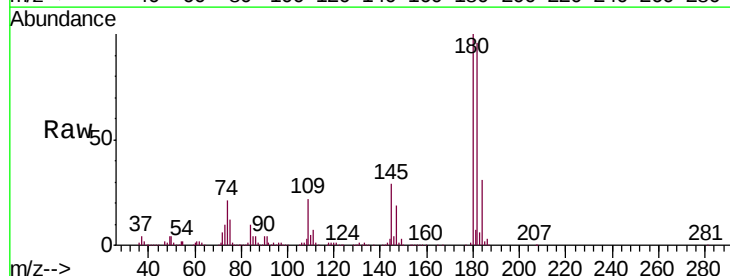
Tgt Ion:180 Resp: 695917

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.6

145 29.7 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

