

Data File : VX004195.D
Acq On : 22 Aug 2018 12:34
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Aug 23 04:44:19 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	318672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	434023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	302248	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	599394	144.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.62%	
35) Dibromofluoromethane	5.50	113	508270	144.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.10%	
50) Toluene-d8	8.72	98	1971014	148.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.00%	
62) 4-Bromofluorobenzene	11.14	95	801735	161.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	590730	160.043	ug/l	100
3) Chloromethane	1.32	50	624749	145.198	ug/l	100
4) Vinyl Chloride	1.40	62	621027	148.734	ug/l	100
5) Bromomethane	1.63	94	298288	118.001	ug/l	99
6) Chloroethane	1.70	64	326529	101.786	ug/l	95
7) Trichlorofluoromethane	1.92	101	838244	146.500	ug/l	94
8) Diethyl Ether	2.18	74	368358	150.342	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	510680	142.494	ug/l	100
10) Methyl Iodide	2.50	142	657176	178.362	ug/l	99
11) Tert butyl alcohol	3.10	59	669620	756.317	ug/l	99
12) 1,1-Dichloroethene	2.36	96	493967	146.320	ug/l	99
13) Acrolein	2.29	56	155550	728.738	ug/l	99
14) Allyl chloride	2.72	41	930550	150.027	ug/l	99
15) Acrylonitrile	3.15	53	1593932	726.948	ug/l	100
16) Acetone	2.45	43	1251604	634.281	ug/l	100
17) Carbon Disulfide	2.56	76	1441799	145.246	ug/l	99
18) Methyl Acetate	2.78	43	910151	147.666	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1644763	147.838	ug/l	100
20) Methylene Chloride	2.85	84	556326	139.143	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	531031	142.113	ug/l	92
22) Diisopropyl ether	3.87	45	1714223	148.022	ug/l	93
23) Vinyl Acetate	3.82	43	7050131	751.111	ug/l	98
24) 1,1-Dichloroethane	3.69	63	979759	145.168	ug/l	99
25) 2-Butanone	4.71	43	2091333	678.526	ug/l	99
26) 2,2-Dichloropropane	4.58	77	768665	145.209	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	620285	146.356	ug/l	100
28) Bromochloromethane	5.02	49	412290	137.981	ug/l	100
29) Tetrahydrofuran	5.16	42	1334166	747.628	ug/l	100
30) Chloroform	5.21	83	966526	142.834	ug/l	97
31) Cyclohexane	5.57	56	901372	154.788	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	857263	151.927	ug/l	99
36) 1,1-Dichloropropene	5.80	75	775154	145.875	ug/l	99
37) Ethyl Acetate	4.87	43	781901	149.615	ug/l	100
38) Carbon Tetrachloride	5.78	117	758112	151.660	ug/l	96

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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)
39) Methylcyclohexane	7.46	83	943944	155.589	ug/l	99
40) Benzene	6.14	78	2323284	146.321	ug/l	99
41) Methacrylonitrile	5.06	41	454563	150.058	ug/l	99
42) 1,2-Dichloroethane	6.20	62	775104	143.111	ug/l	100
43) Isopropyl Acetate	6.46	43	1306386	162.681	ug/l	99
44) Trichloroethene	7.21	130	640834	145.804	ug/l	100
45) 1,2-Dichloropropane	7.52	63	594549	149.611	ug/l	99
46) Dibromomethane	7.67	93	388437	146.802	ug/l	99
47) Bromodichloromethane	7.90	83	772278	156.853	ug/l	100
48) Methyl methacrylate	7.78	41	700194	162.953	ug/l	99
49) 1,4-Dioxane	7.76	88	306253	3139.178	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	4374945	749.816	ug/l	98
52) Toluene	8.79	92	1507589	151.681	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	920889	169.341	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	971389	163.990	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	602673	150.209	ug/l	99
56) Ethyl methacrylate	9.18	69	977055	178.886	ug/l	98
57) 1,3-Dichloropropane	9.37	76	1017343	150.431	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2374591	848.496	ug/l	100
59) 2-Hexanone	9.50	43	3417464	767.743	ug/l	98
60) Dibromochloromethane	9.59	129	648116	165.798	ug/l	100
61) 1,2-Dibromoethane	9.68	107	639106	153.923	ug/l	100
64) Tetrachloroethene	9.34	164	597262	139.302	ug/l	99
65) Chlorobenzene	10.14	112	1562164	143.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	587475	156.366	ug/l	98
67) Ethyl Benzene	10.26	91	2701645	152.718	ug/l	97
68) m/p-Xylenes	10.36	106	2162145	312.572	ug/l	99
69) o-Xylene	10.70	106	1060997	162.153	ug/l	94
70) Styrene	10.71	104	1744515	164.662	ug/l	97
71) Bromoform	10.86	173	545894	180.249	ug/l	100
73) Isopropylbenzene	11.02	105	2947432	148.476	ug/l	99
74) N-amyl acetate	10.90	43	1271463	166.349	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	1006442	144.876	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	1186306	198.798	ug/l	87
77) Bromobenzene	11.26	156	809207	145.317	ug/l	98
78) n-propylbenzene	11.36	91	3419071	149.751	ug/l	99
79) 2-Chlorotoluene	11.42	91	2037557	144.991	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2545064	154.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	338337	178.580	ug/l	93
82) 4-Chlorotoluene	11.51	91	2444536	147.827	ug/l	99
83) tert-Butylbenzene	11.77	119	2589528	156.559	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	2611969	154.783	ug/l	99
85) sec-Butylbenzene	11.95	105	2997546	152.647	ug/l	99
86) p-Isopropyltoluene	12.07	119	2752002	156.377	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1517738	144.762	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1526128	138.419	ug/l	98
89) n-Butylbenzene	12.39	91	2295955	160.440	ug/l	99
90) Hexachloroethane	12.60	117	406976	165.454	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1403459	146.465	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	193714	158.316	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDICC150

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	1055271	151.360	ug/l	98
94) Hexachlorobutadiene	13.79	225	484455	141.541	ug/l	98
95) Naphthalene	13.83	128	3293403	167.014	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1142134	154.749	ug/l	99

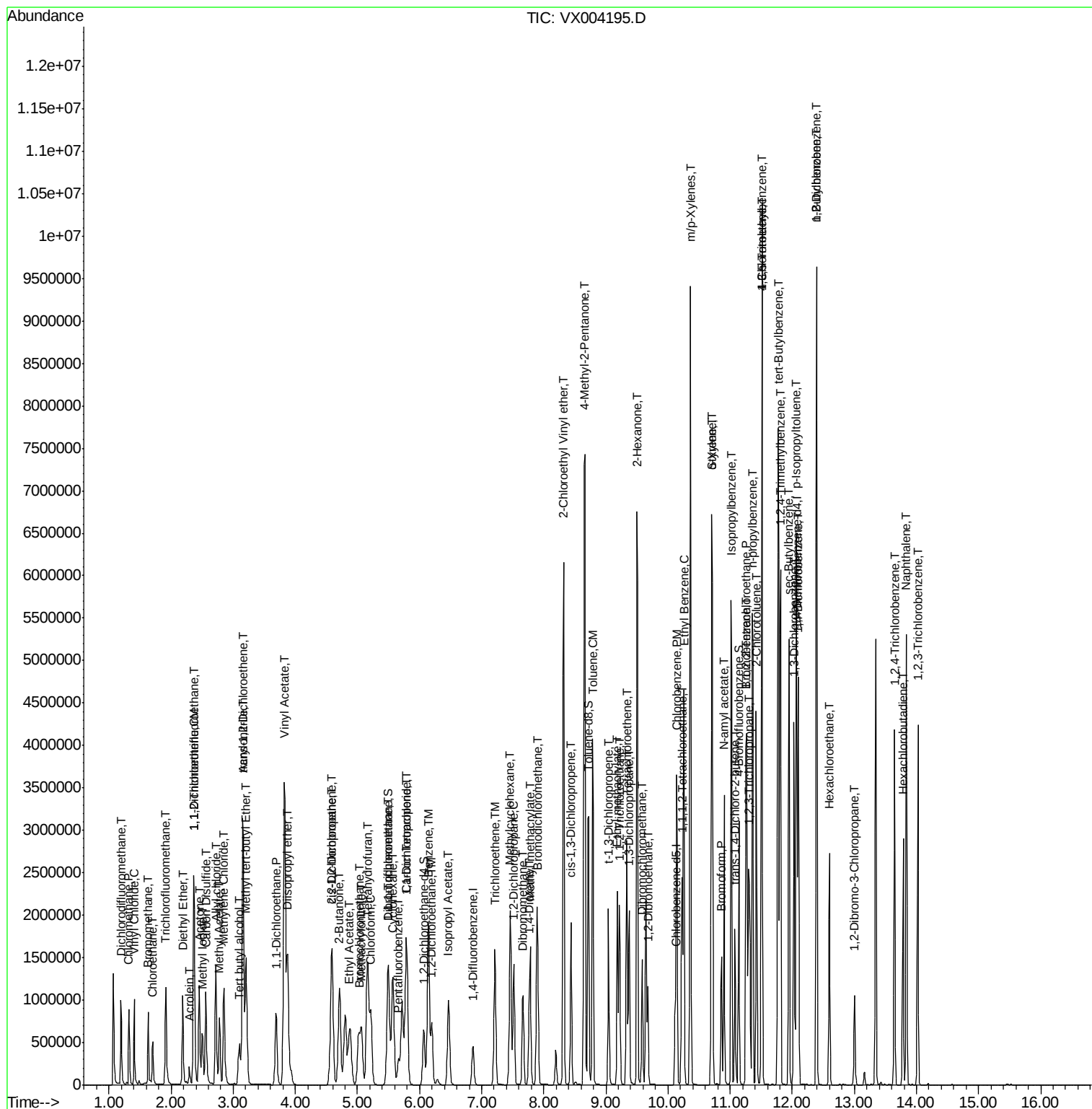
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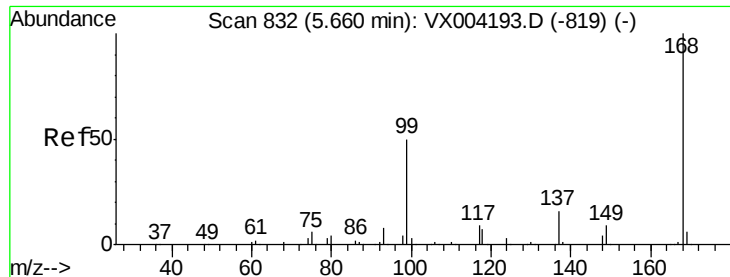
Data File : VX004195.D

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Acq On      : 22 Aug 2018   12:34
Operator    : JC/MD
Sample      : VSTDICC150
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial    : 7      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Aug 23 04:44:19 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

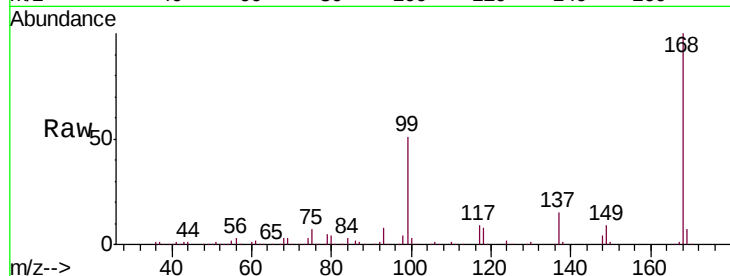
VSTDIC150

Tgt Ion:168 Resp: 318672

Ion Ratio Lower Upper

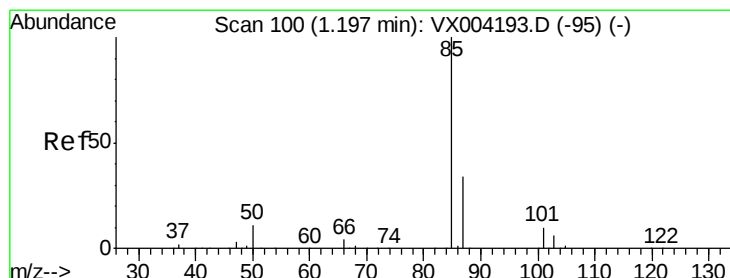
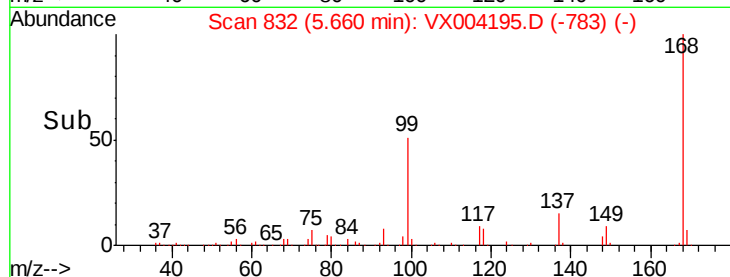
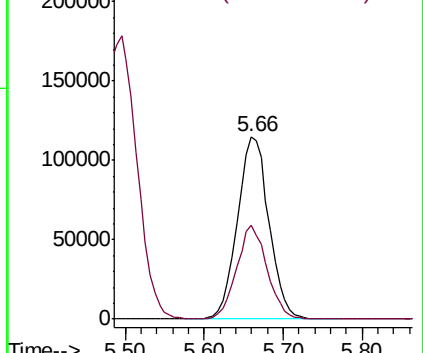
168 100

99 51.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 160.043 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004195.D

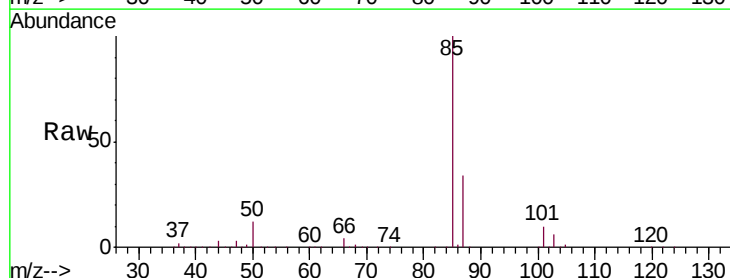
Acq: 22 Aug 2018 12:34

Tgt Ion: 85 Resp: 590730

Ion Ratio Lower Upper

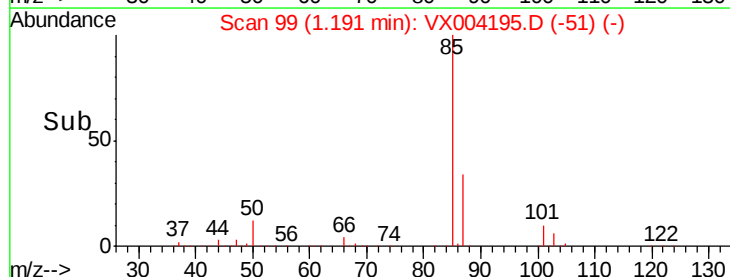
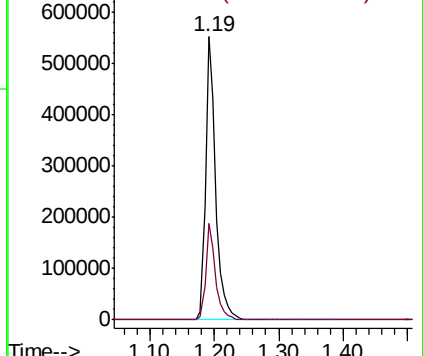
85 100

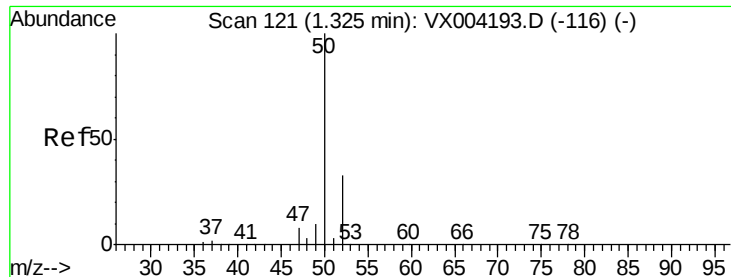
87 33.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 145.198 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

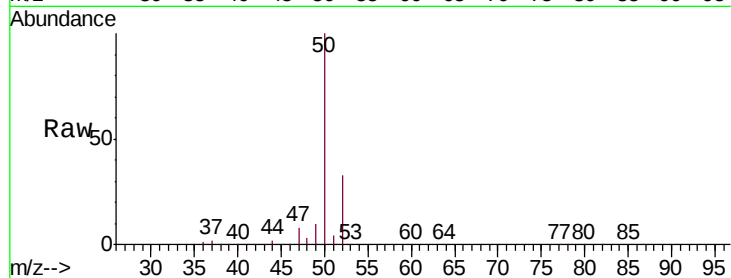
VSTDIC150

Tgt Ion: 50 Resp: 624749

Ion Ratio Lower Upper

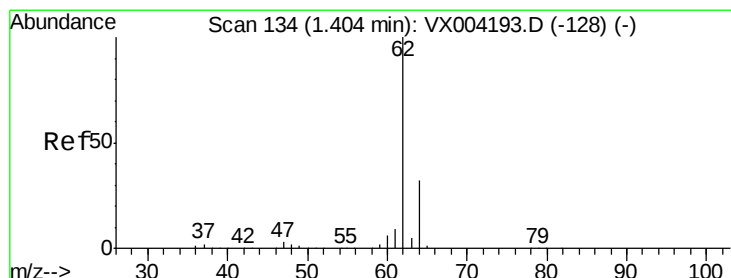
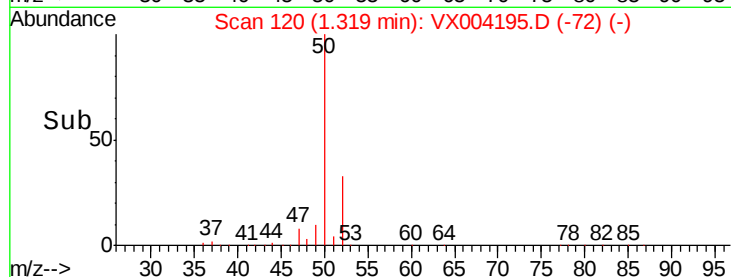
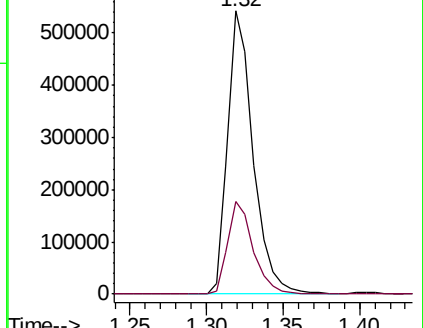
50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 148.734 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004195.D

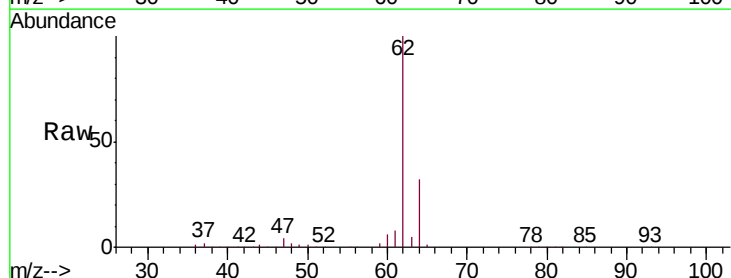
Acq: 22 Aug 2018 12:34

Tgt Ion: 62 Resp: 621027

Ion Ratio Lower Upper

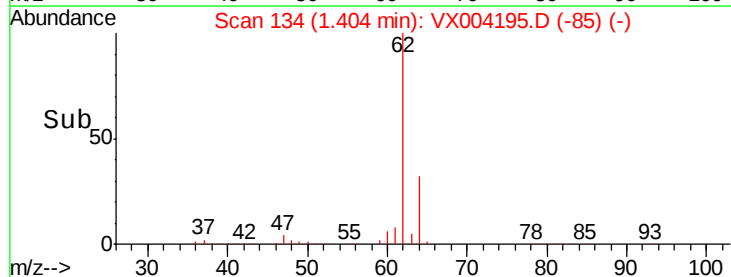
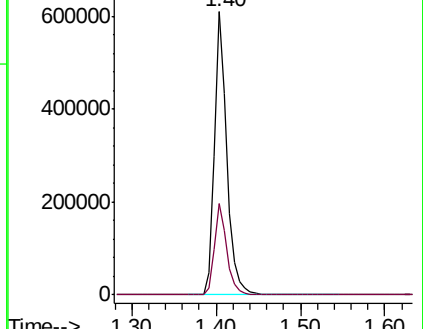
62 100

64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 118.001 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

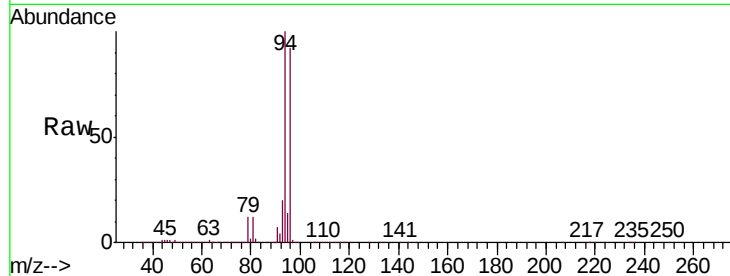
VSTDIC150

Tgt Ion: 94 Resp: 298288

Ion Ratio Lower Upper

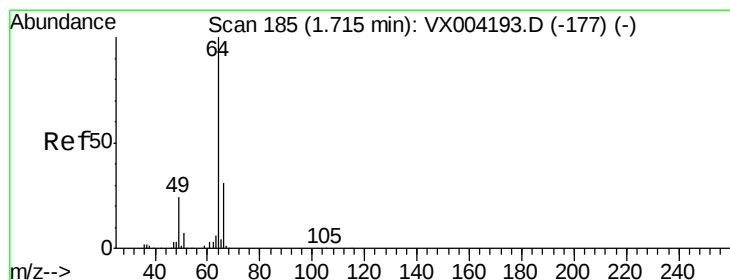
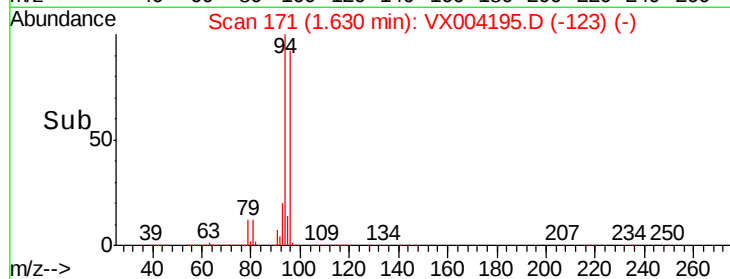
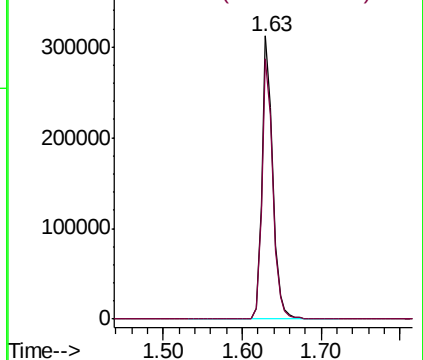
94 100

96 92.0 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: 101.786 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX004195.D

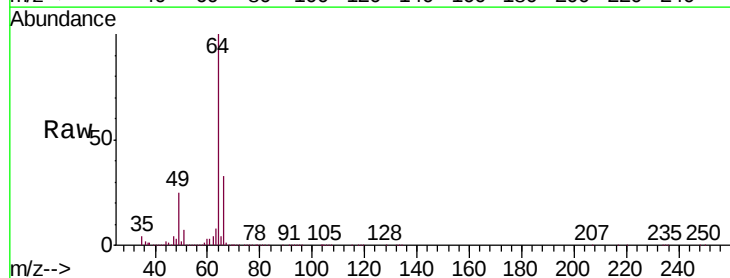
Acq: 22 Aug 2018 12:34

Tgt Ion: 64 Resp: 326529

Ion Ratio Lower Upper

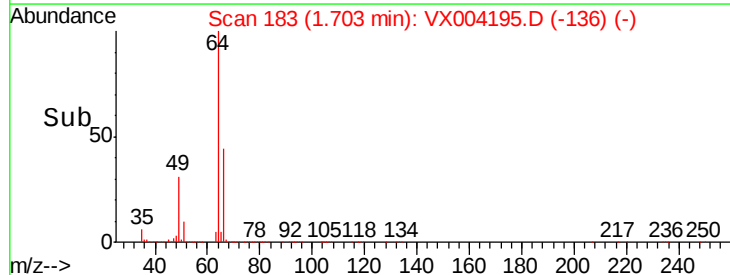
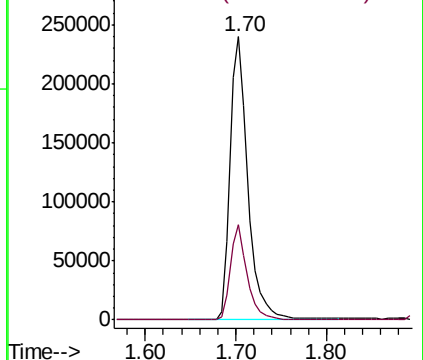
64 100

66 33.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



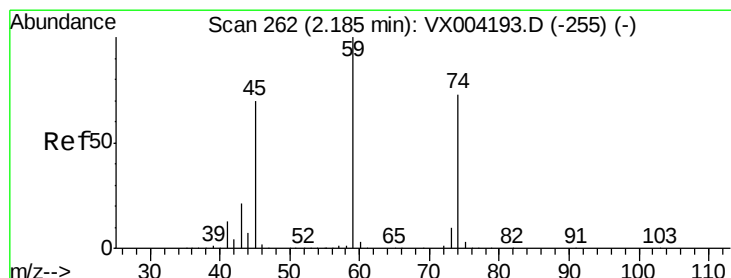
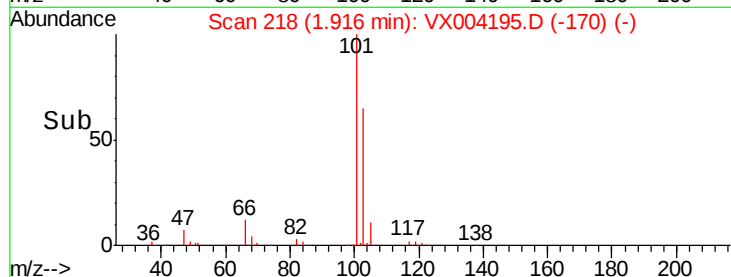
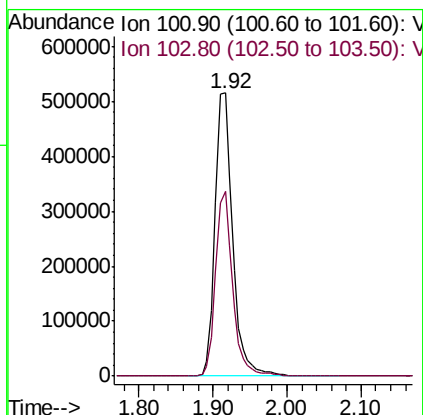
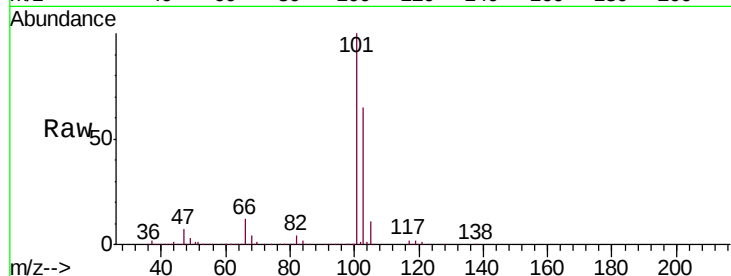


#7

Trichlorofluoromethane
 Concen: 146.500 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

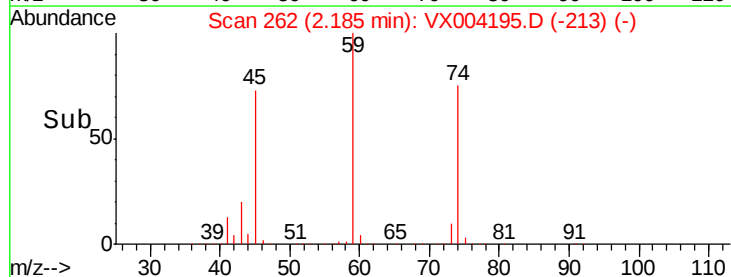
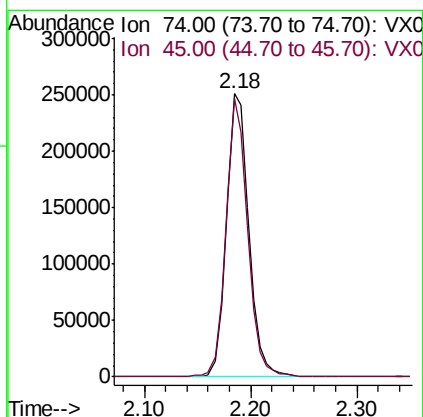
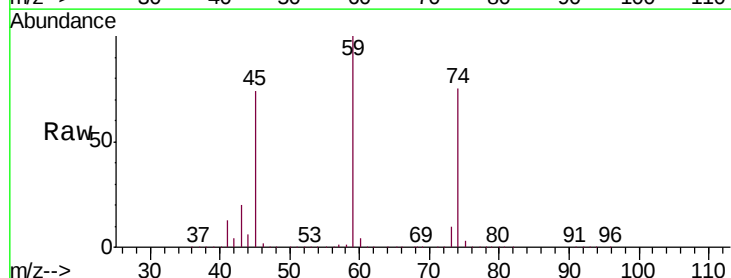
Tgt Ion: 101 Resp: 838244
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.9 73.3

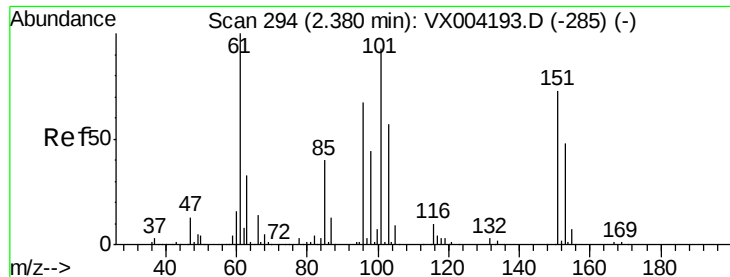


#8

Diethyl Ether
 Concen: 150.342 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 74 Resp: 368358
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.494 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

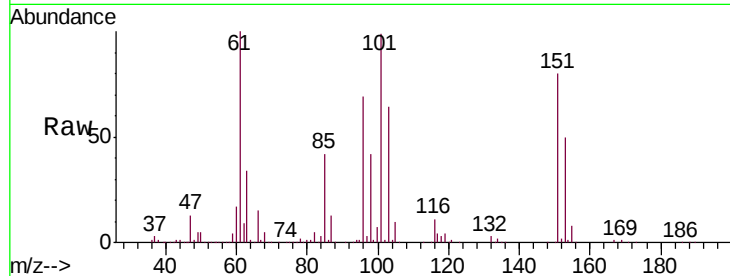
Tgt Ion:101 Resp: 510680

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

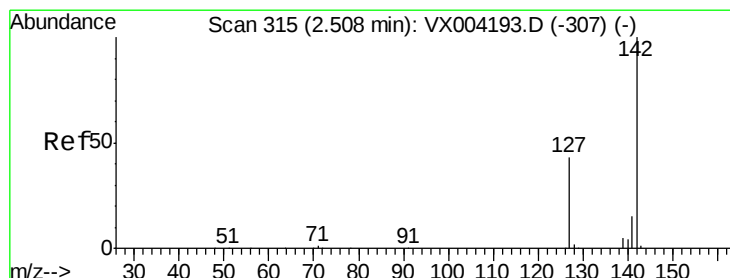
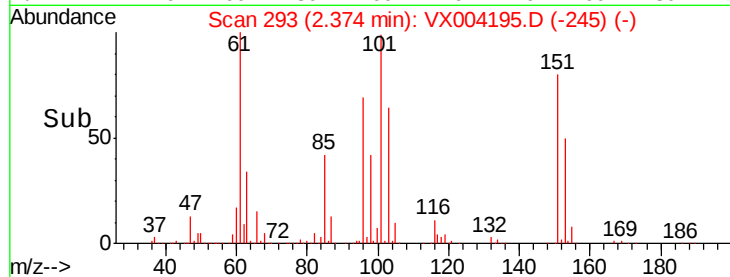
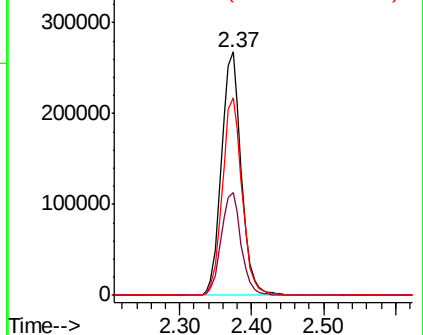
151 81.1 65.0 97.6



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: 178.362 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

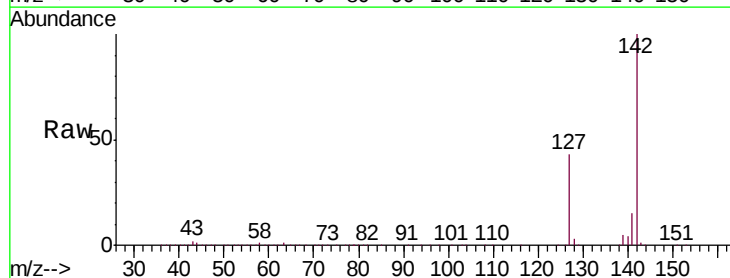
Tgt Ion:142 Resp: 657176

Ion Ratio Lower Upper

142 100

127 41.5 33.8 50.6

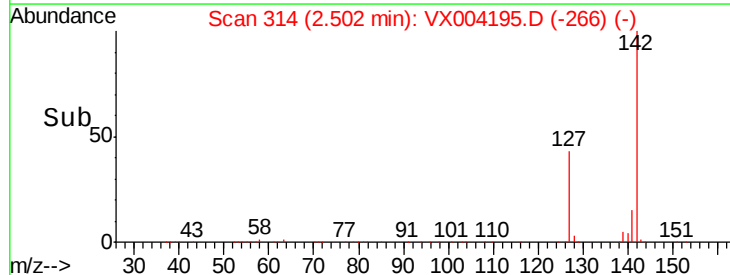
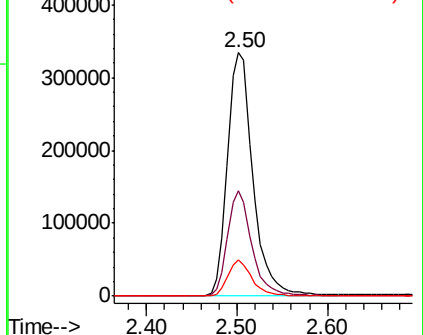
141 14.2 11.4 17.0

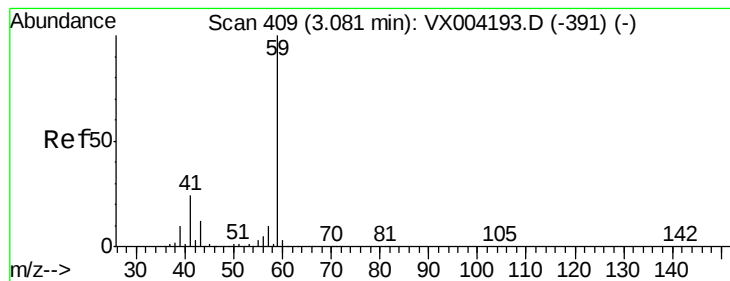


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



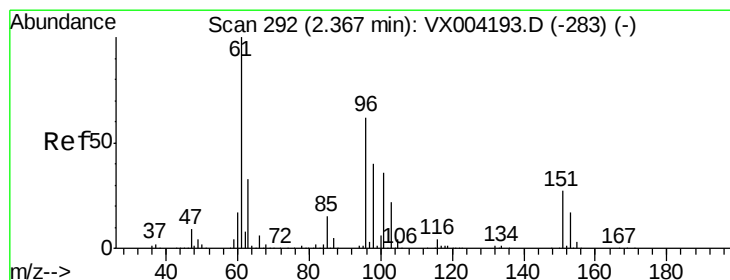
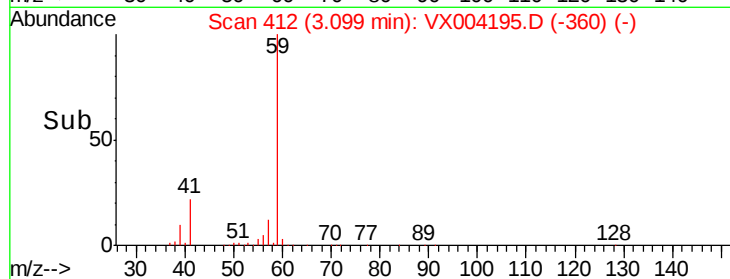
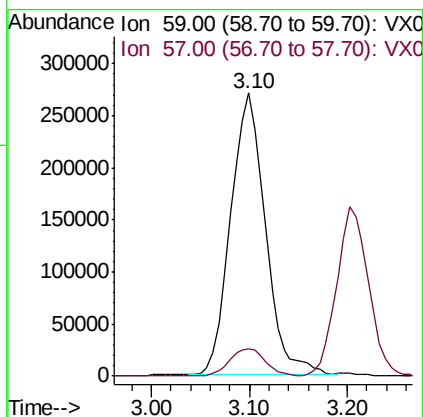
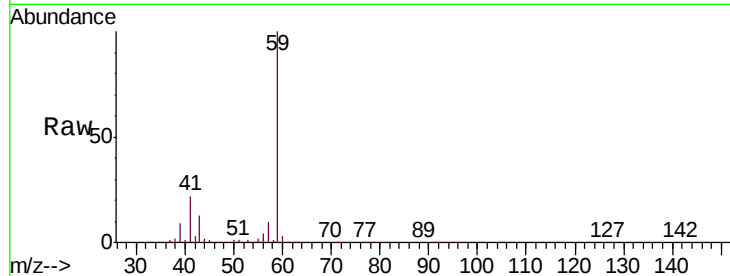


#11

Tert butyl alcohol
 Concen: 756.317 ug/l
 RT: 3.10 min Scan# 412
 Delta R.T. 0.02 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

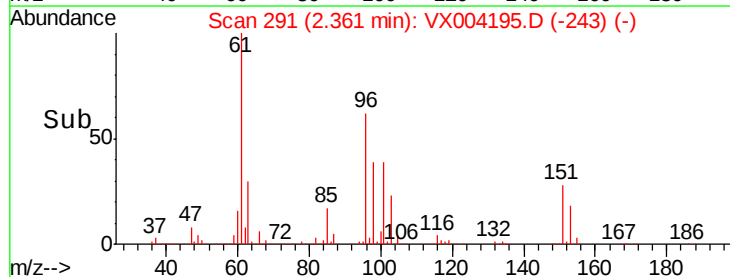
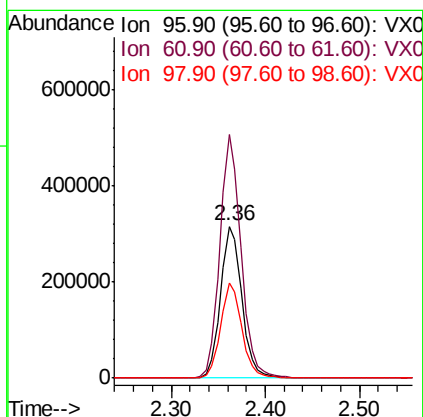
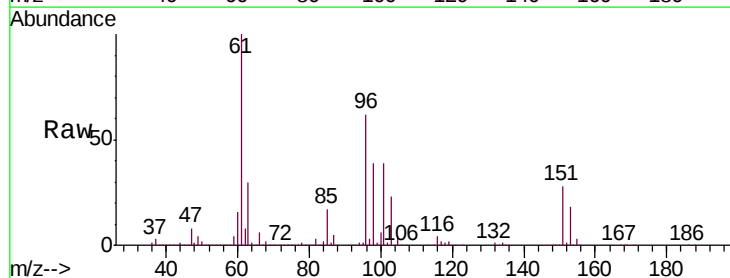
Tgt Ion: 59 Resp: 669620
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

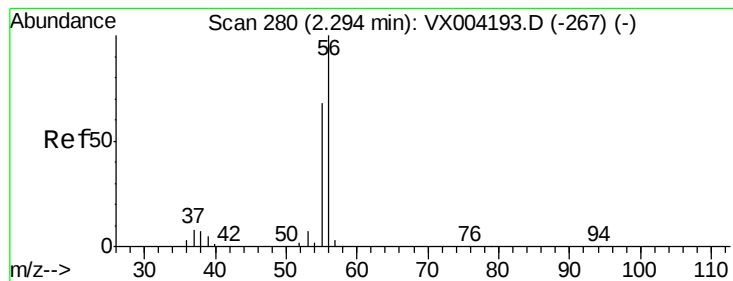


#12

1,1-Dichloroethene
 Concen: 146.320 ug/l
 RT: 2.36 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 96 Resp: 493967
 Ion Ratio Lower Upper
 96 100
 61 160.7 128.8 193.2
 98 63.1 52.2 78.2





#13

Acrolein

Concen: 728.738 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

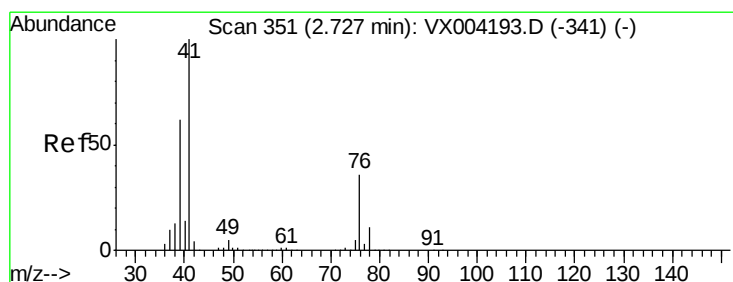
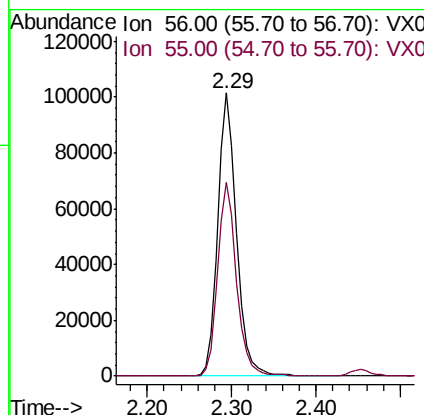
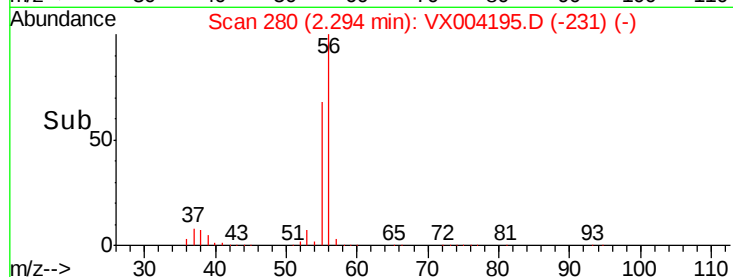
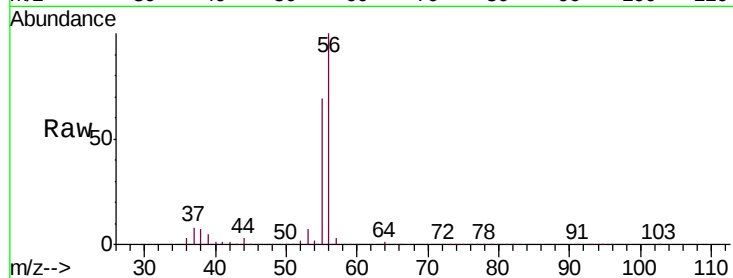
VSTDIC150

Tgt Ion: 56 Resp: 155550

Ion Ratio Lower Upper

56 100

55 69.3 54.7 82.1



#14

Allyl chloride

Concen: 150.027 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

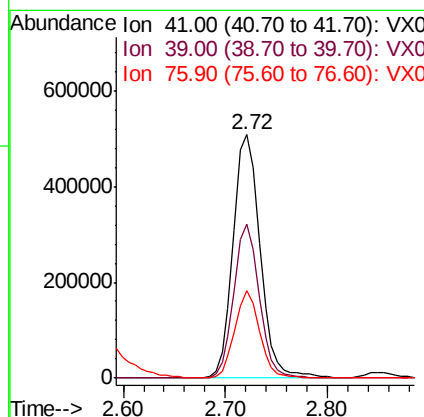
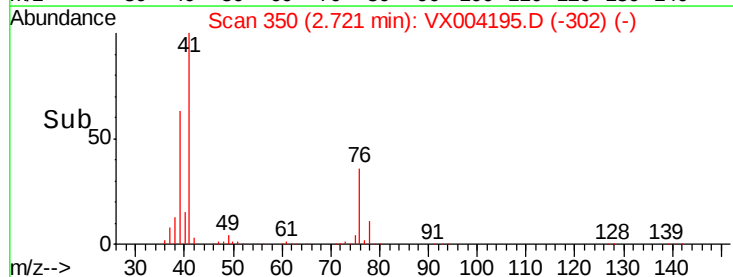
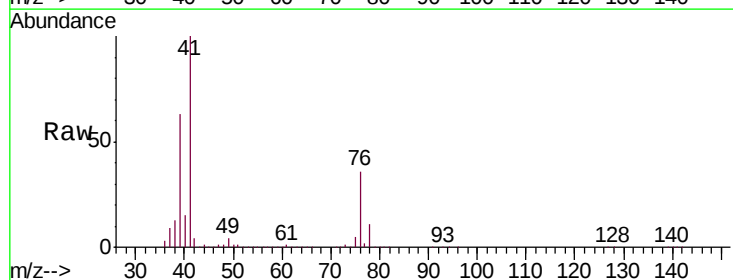
Tgt Ion: 41 Resp: 930550

Ion Ratio Lower Upper

41 100

39 59.7 48.9 73.3

76 33.2 26.7 40.1

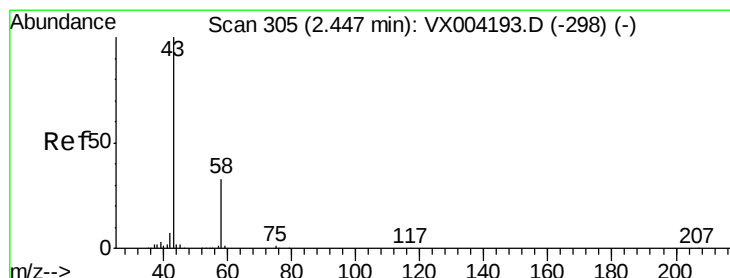
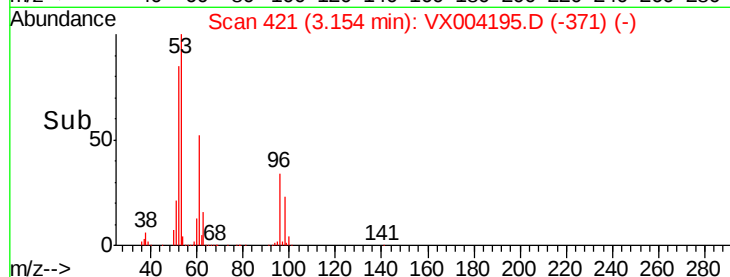
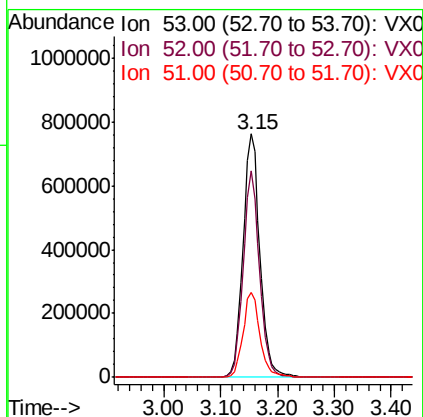
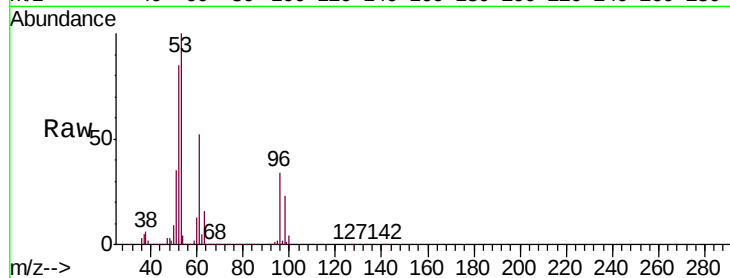




#15
 Acrylonitrile
 Concen: 726.948 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

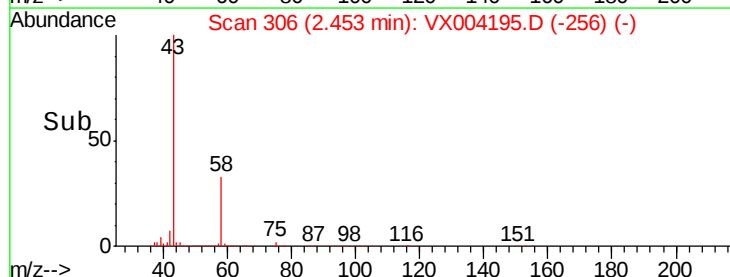
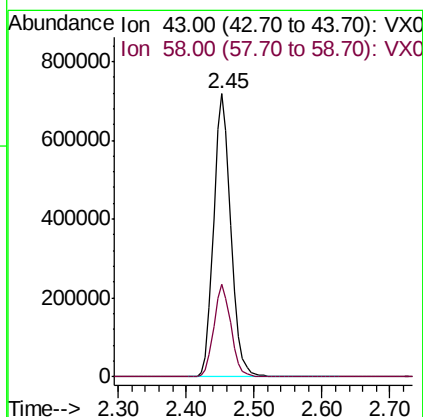
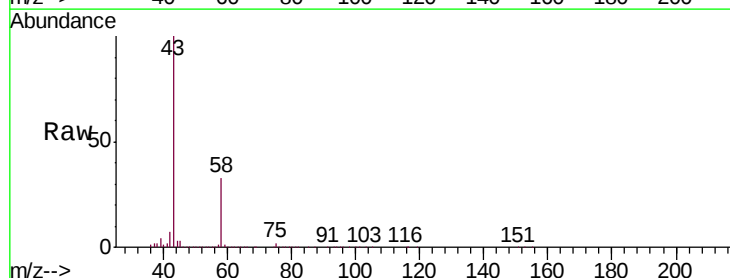
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

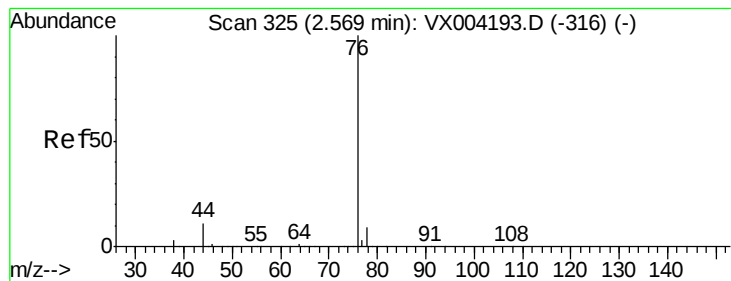
Tgt Ion: 53 Resp: 1593932
 Ion Ratio Lower Upper
 53 100
 52 81.6 65.2 97.8
 51 35.4 28.2 42.2



#16
 Acetone
 Concen: 634.281 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 43 Resp: 1251604
 Ion Ratio Lower Upper
 43 100
 58 32.7 26.2 39.4





#17

Carbon Disulfide

Concen: 145.246 ug/l

RT: 2.56 min Scan# 323

Delta R.T. -0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

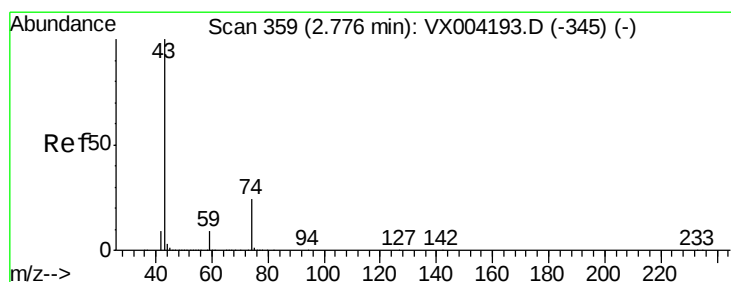
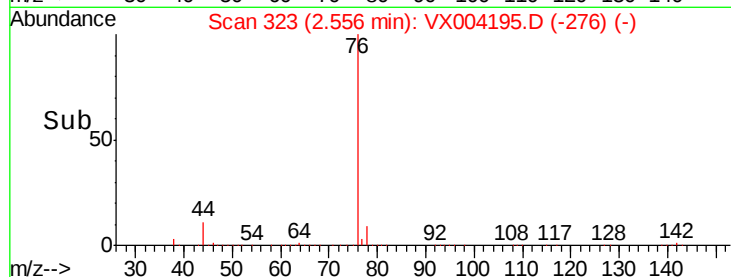
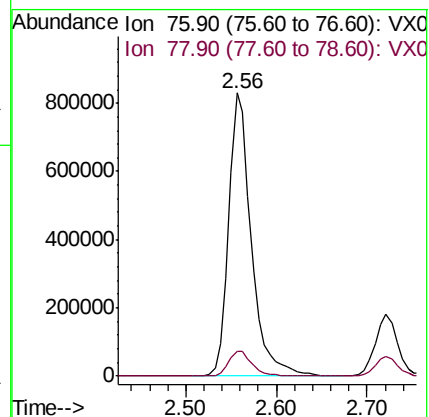
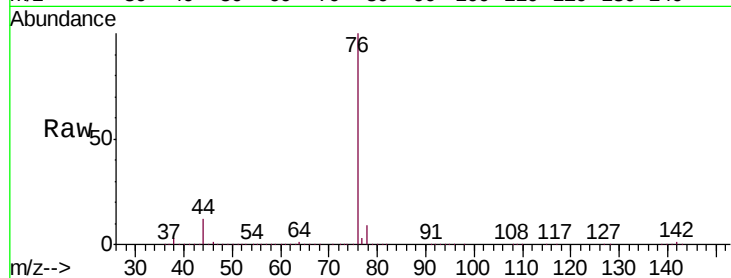
VSTDIC150

Tgt Ion: 76 Resp: 1441799

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6



#18

Methyl Acetate

Concen: 147.666 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX004195.D

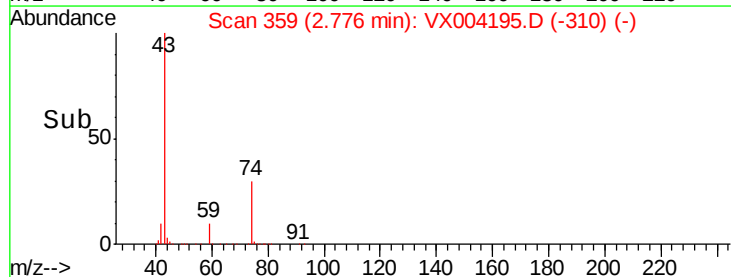
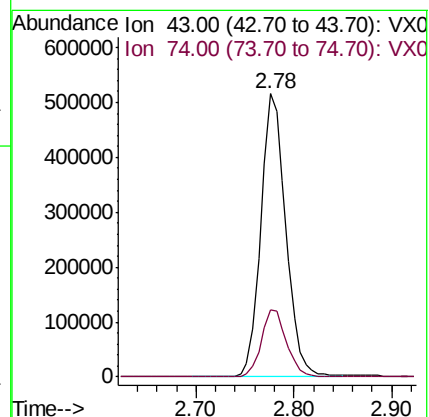
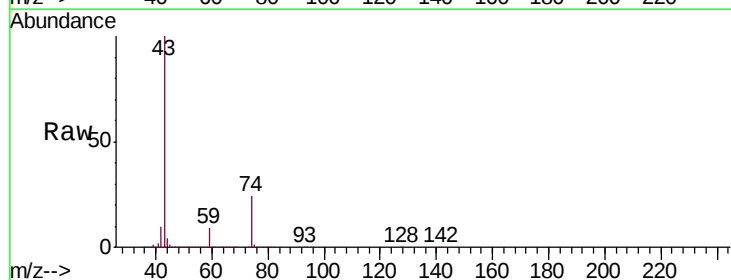
Acq: 22 Aug 2018 12:34

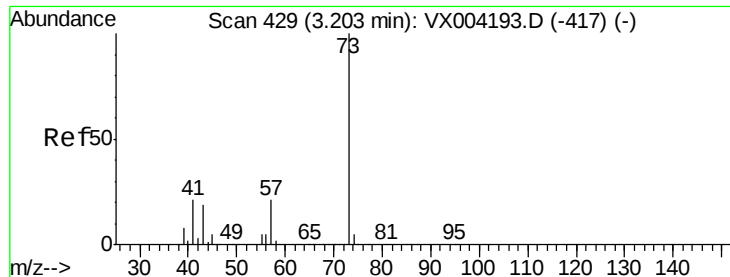
Tgt Ion: 43 Resp: 910151

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2

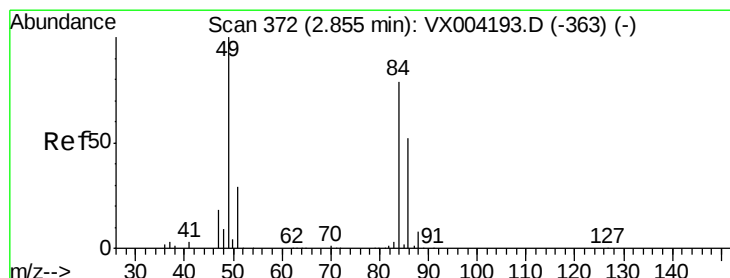
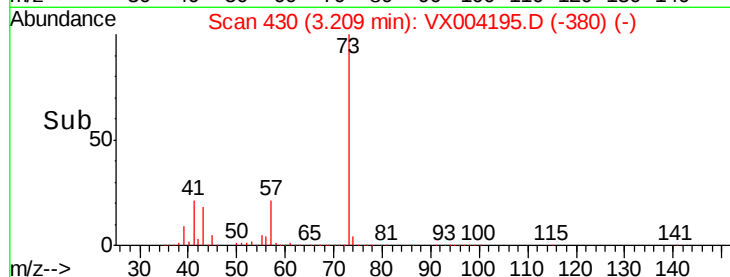
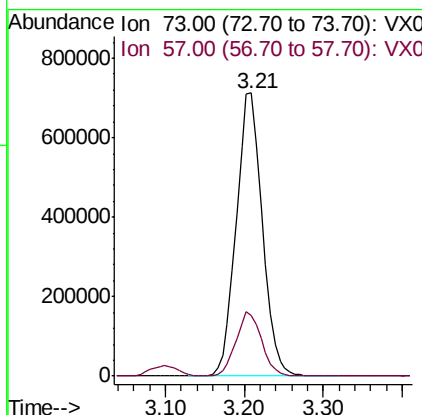
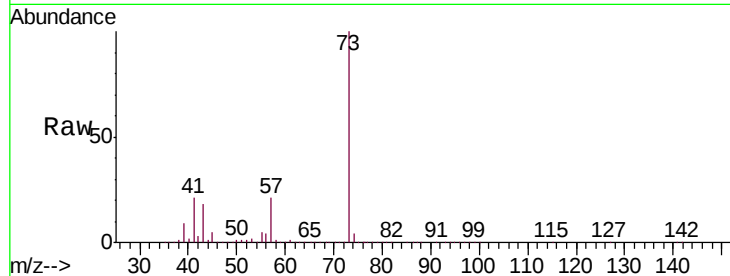




#19
Methyl tert-butyl Ether
Concen: 147.838 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.01 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

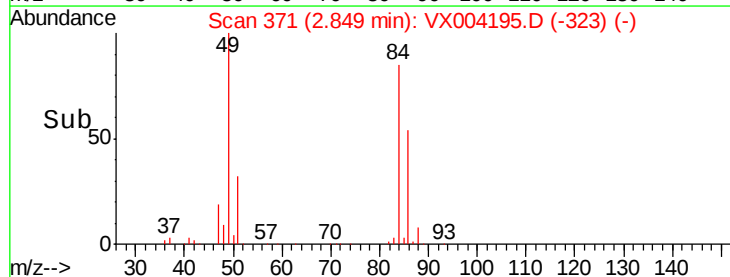
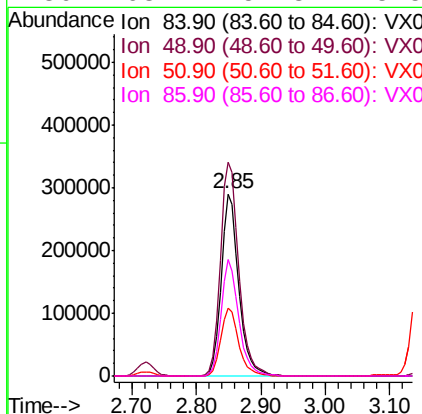
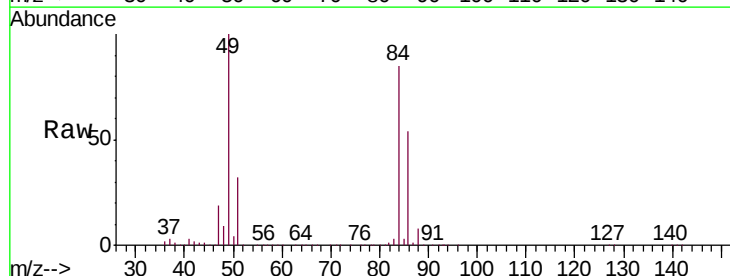
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

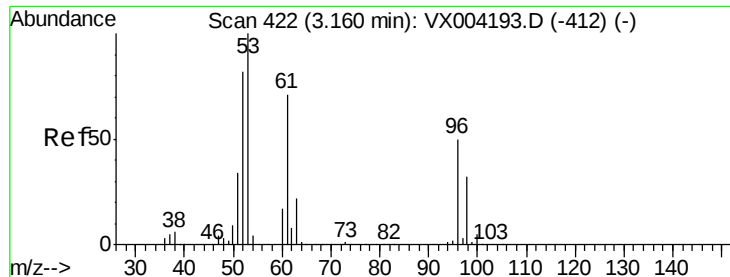
Tgt Ion: 73 Resp: 1644763
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 139.143 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

Tgt Ion: 84 Resp: 556326
Ion Ratio Lower Upper
84 100
49 117.4 101.2 151.8
51 37.3 29.5 44.3
86 63.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 142.113 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

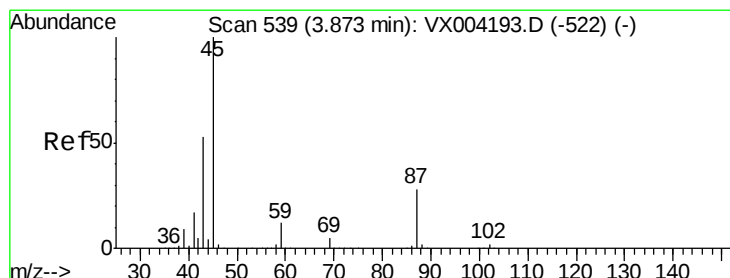
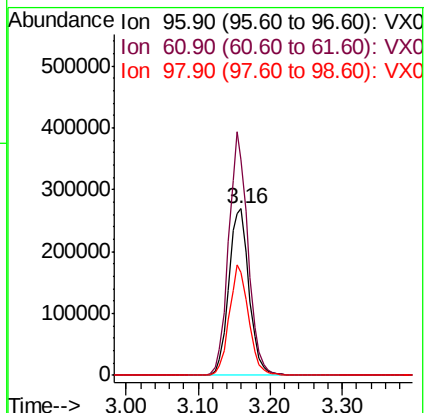
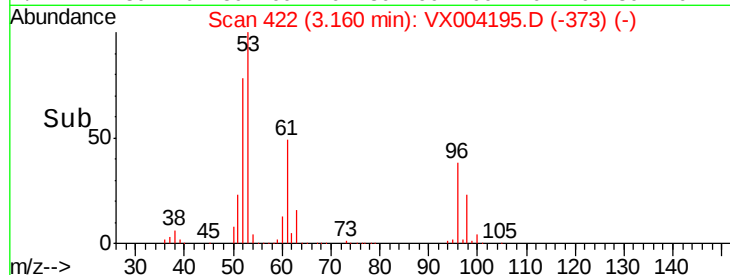
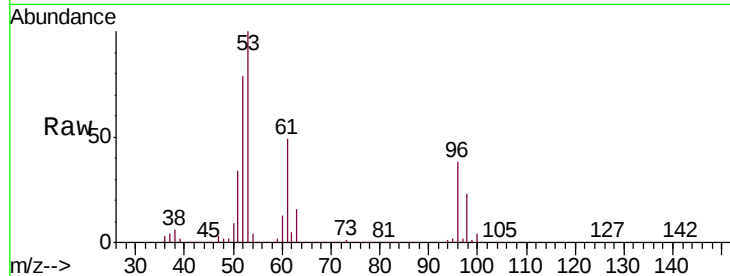
Tgt Ion: 96 Resp: 531031

Ion Ratio Lower Upper

96 100

61 129.3 113.8 170.6

98 61.7 51.8 77.8



#22

Diisopropyl ether

Concen: 148.022 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Tgt Ion: 45 Resp: 1714223

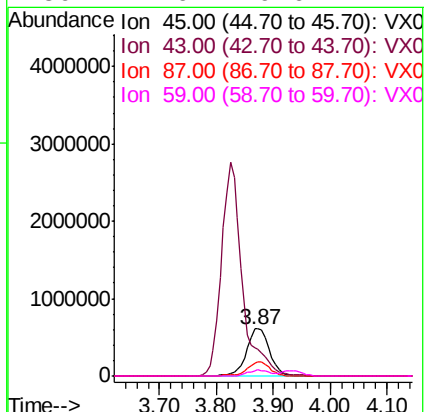
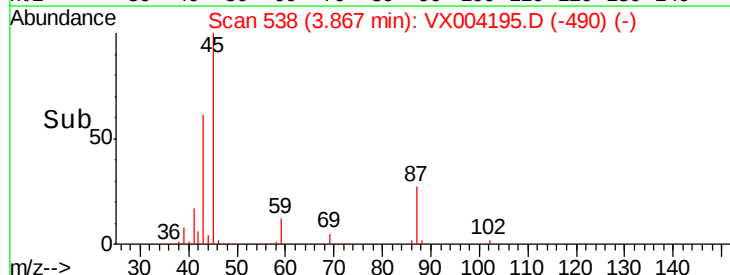
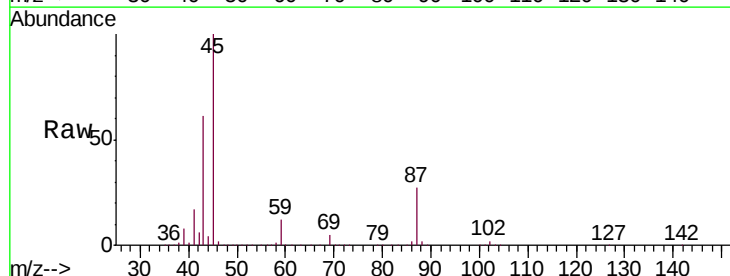
Ion Ratio Lower Upper

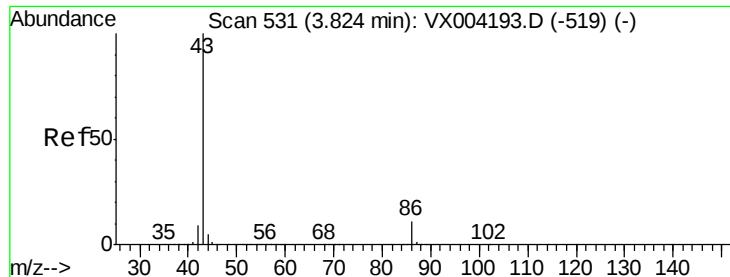
45 100

43 60.9 42.8 64.2

87 26.6 22.6 34.0

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 751.111 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

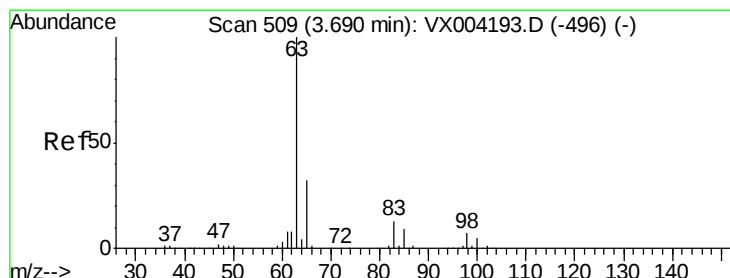
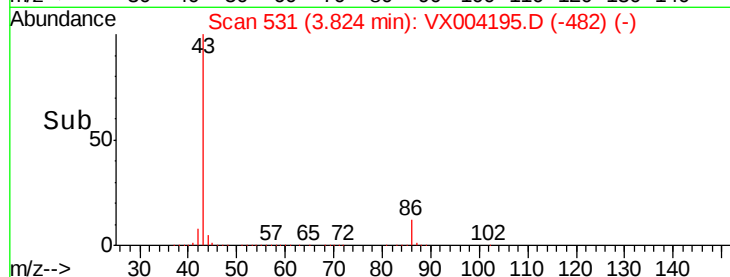
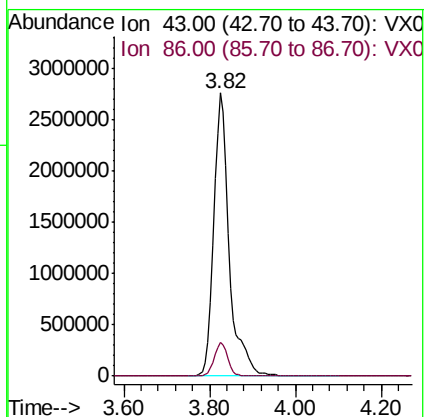
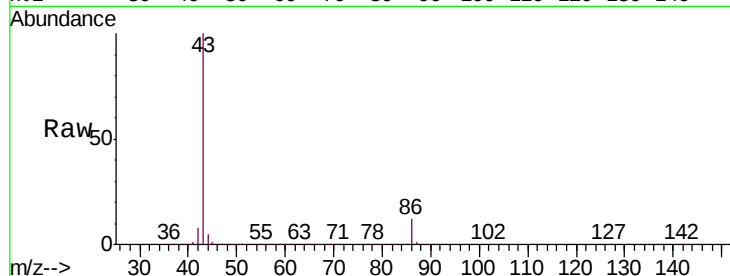
VSTDIC150

Tgt Ion: 43 Resp: 7050131

Ion Ratio Lower Upper

43 100

86 11.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 145.168 ug/l

RT: 3.69 min Scan# 509

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

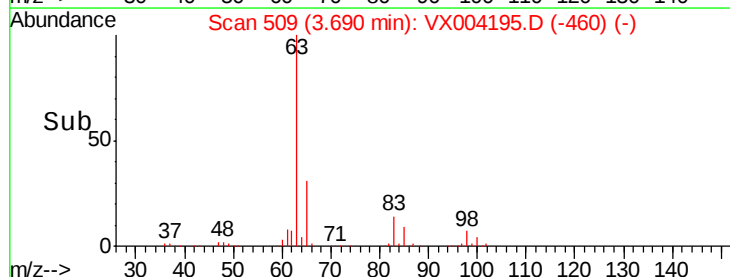
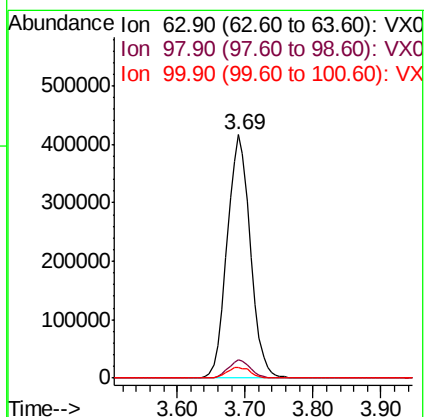
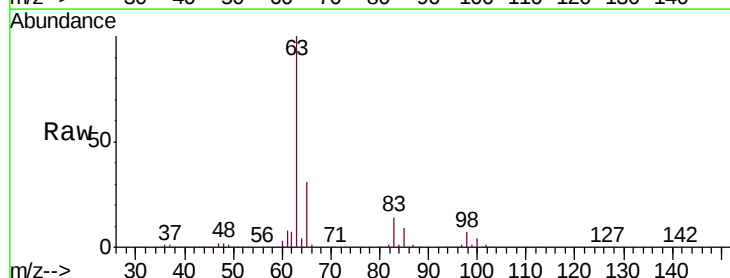
Tgt Ion: 63 Resp: 979759

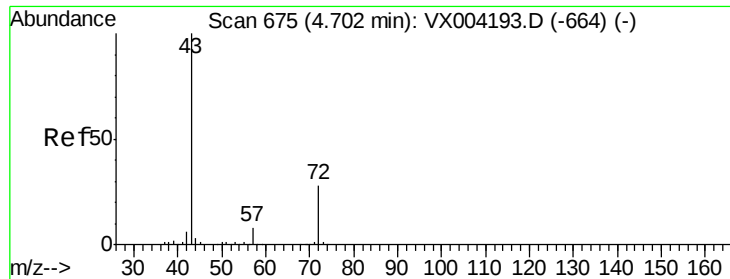
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 678.526 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

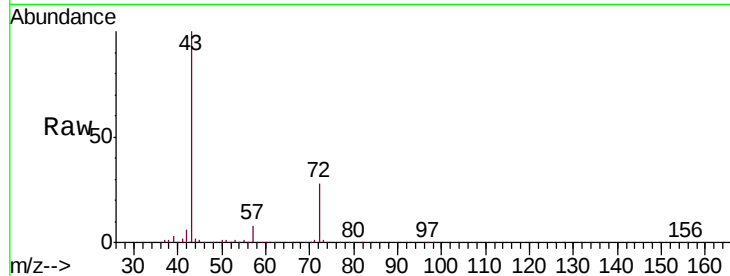
VSTDIC150

Tgt Ion: 43 Resp: 2091333

Ion Ratio Lower Upper

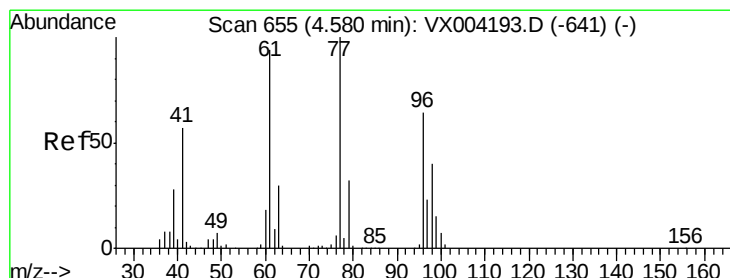
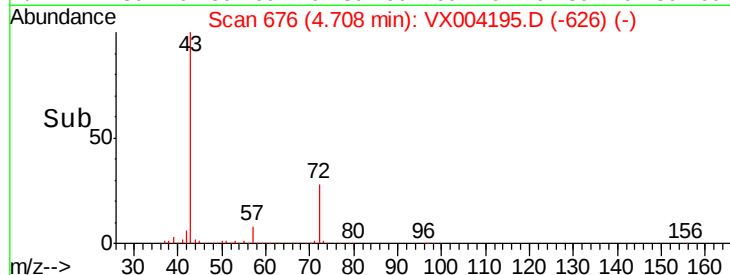
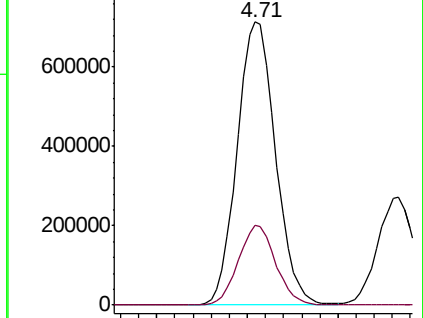
43 100

72 28.1 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: 145.209 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX004195.D

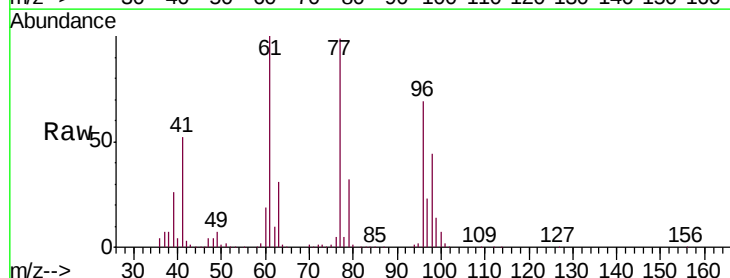
Acq: 22 Aug 2018 12:34

Tgt Ion: 77 Resp: 768665

Ion Ratio Lower Upper

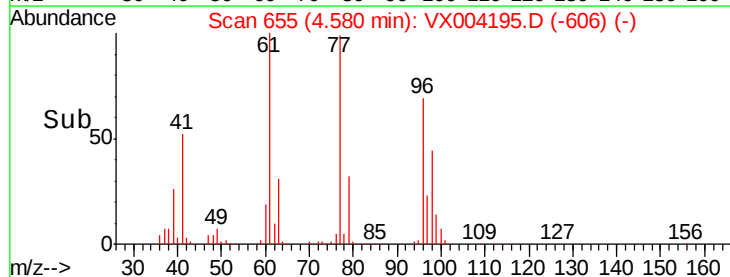
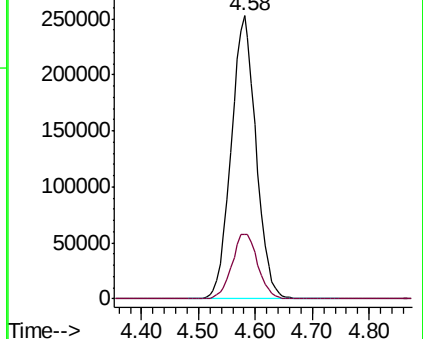
77 100

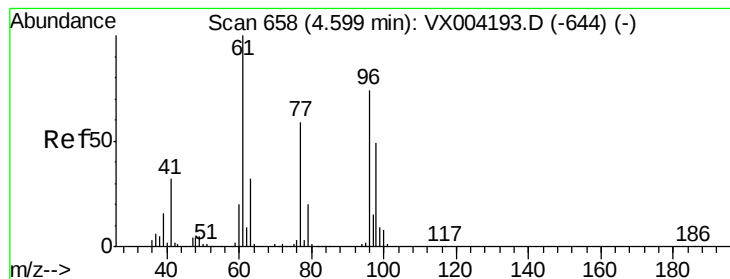
97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



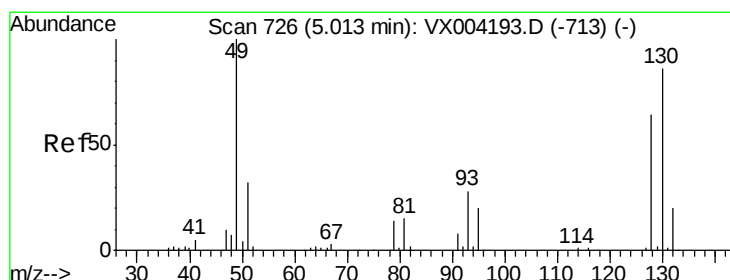
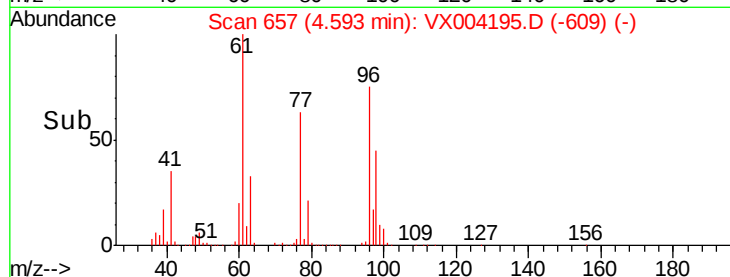
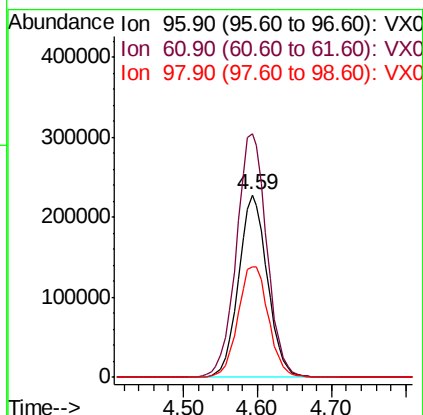
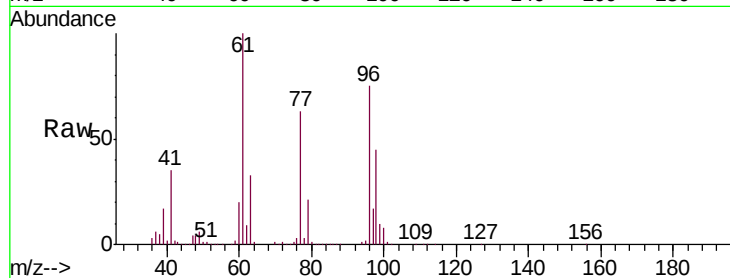


#27

cis-1,2-Dichloroethene
 Concen: 146.356 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

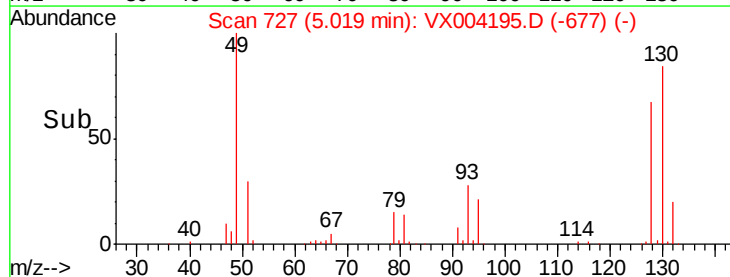
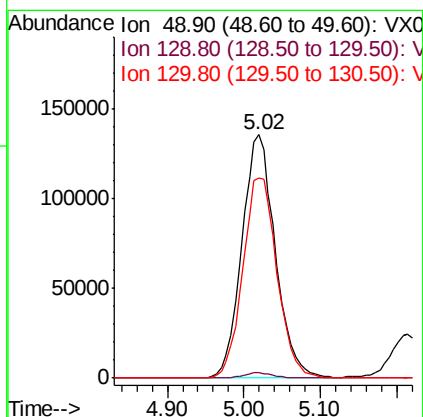
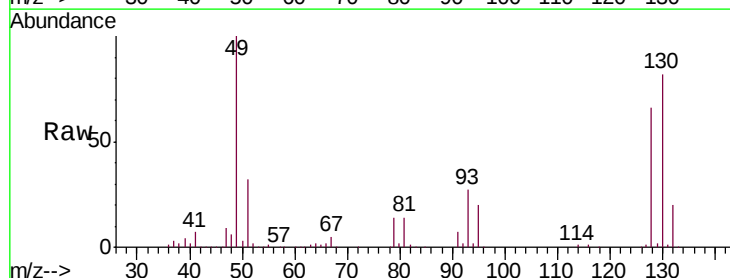
Tgt Ion: 96 Resp: 620285
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 282.6
 98 64.2 0.0 130.2

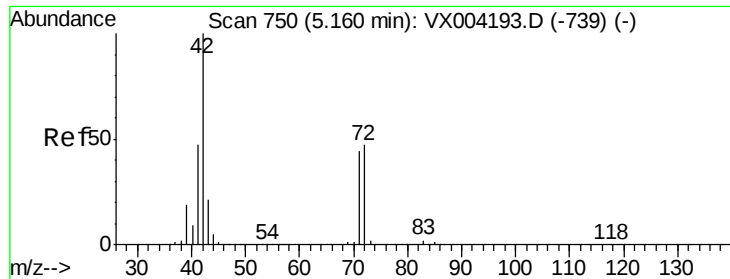


#28

Bromochloromethane
 Concen: 137.981 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 49 Resp: 412290
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 84.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 747.628 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

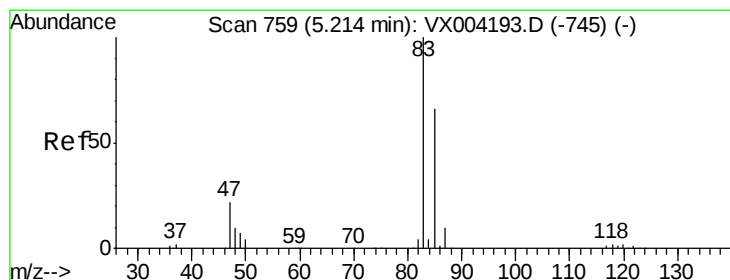
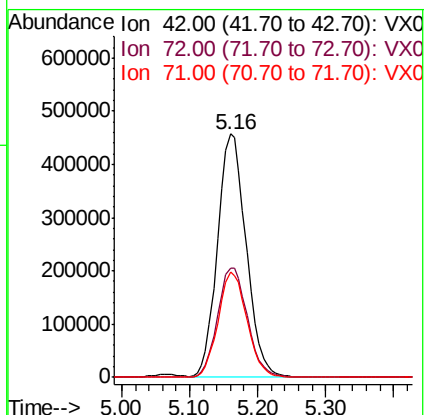
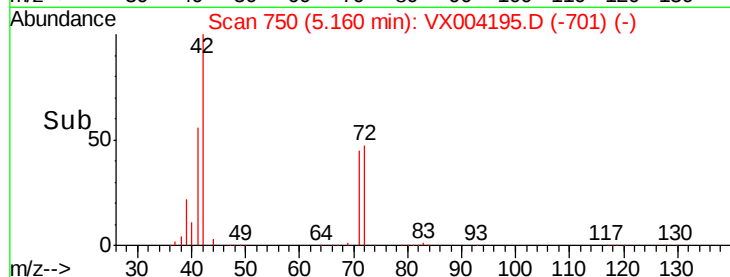
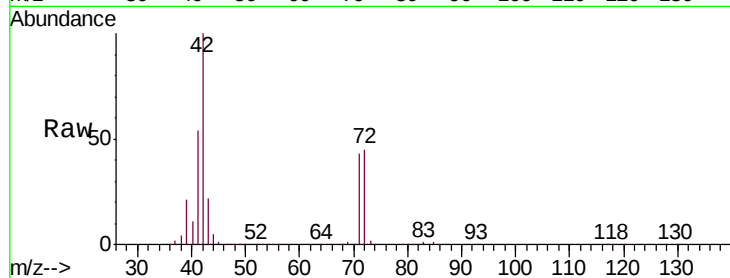
Tgt Ion: 42 Resp: 1334166

Ion Ratio Lower Upper

42 100

72 46.7 37.4 56.0

71 43.6 34.5 51.7



#30

Chloroform

Concen: 142.834 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004195.D

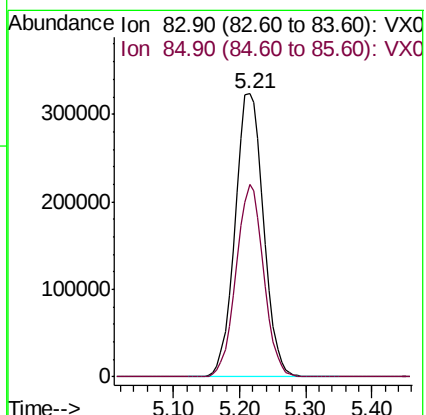
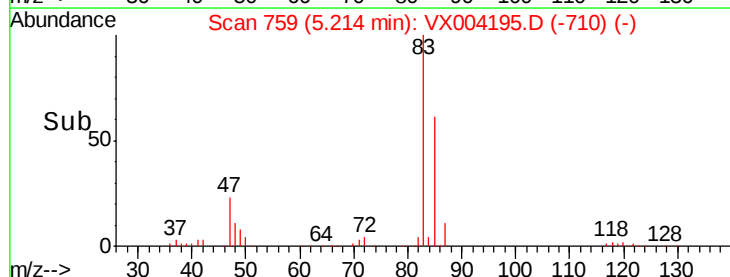
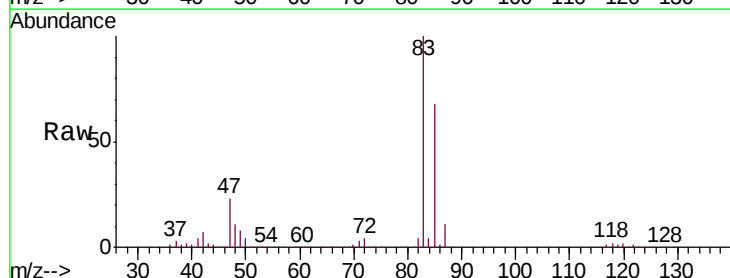
Acq: 22 Aug 2018 12:34

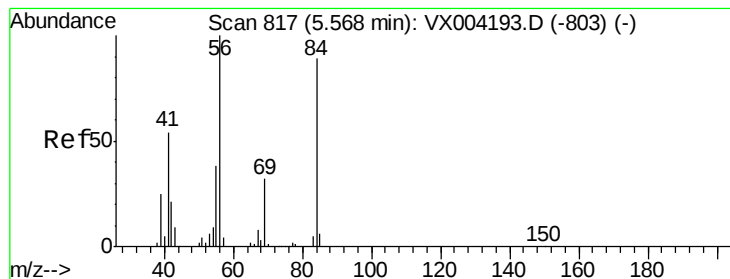
Tgt Ion: 83 Resp: 966526

Ion Ratio Lower Upper

83 100

85 68.2 52.6 79.0





#31

Cyclohexane

Concen: 154.788 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

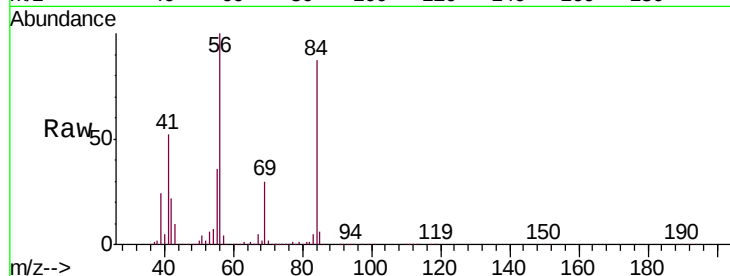
Tgt Ion: 56 Resp: 901372

Ion Ratio Lower Upper

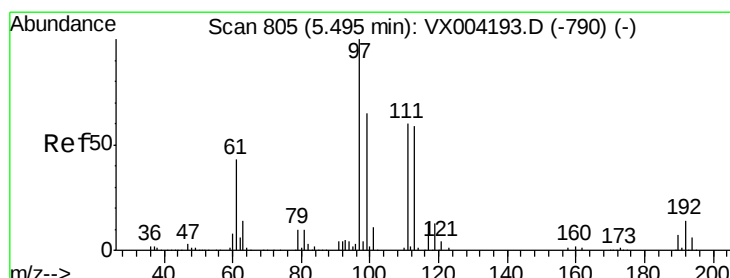
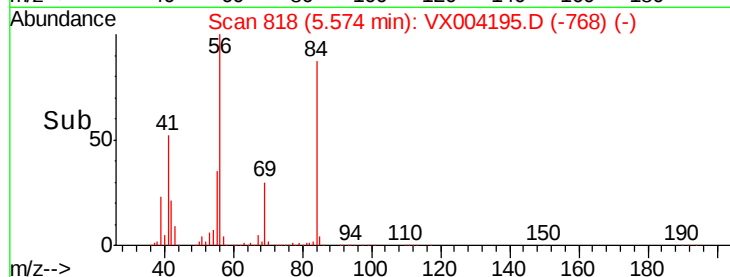
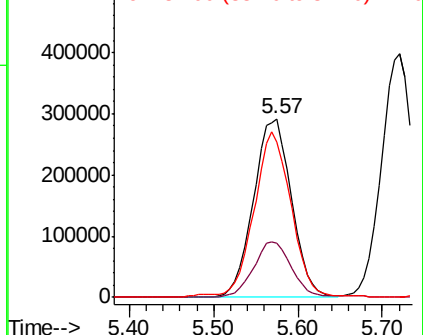
56 100

69 30.4 25.4 38.2

84 86.0 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: 151.927 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

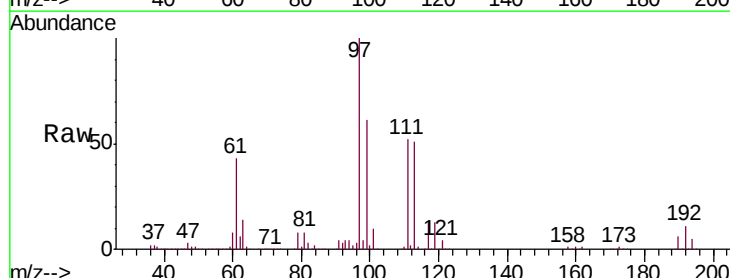
Tgt Ion: 97 Resp: 857263

Ion Ratio Lower Upper

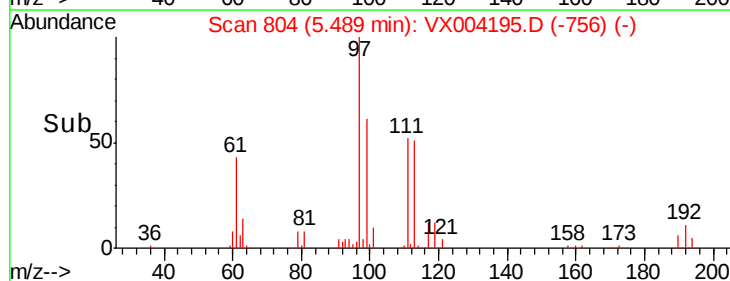
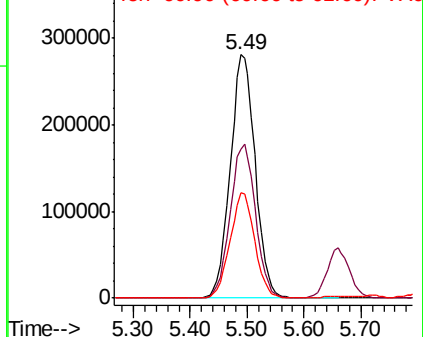
97 100

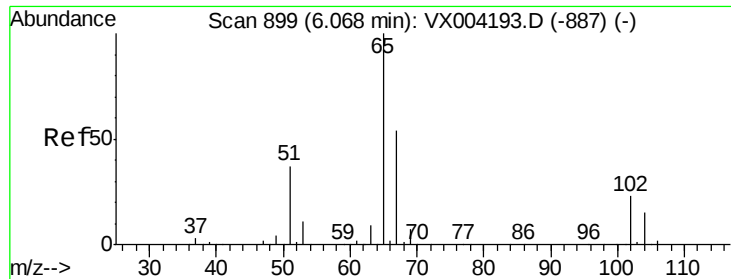
99 64.3 52.0 78.0

61 42.9 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

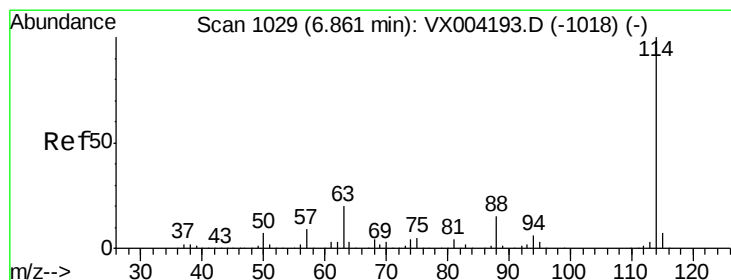
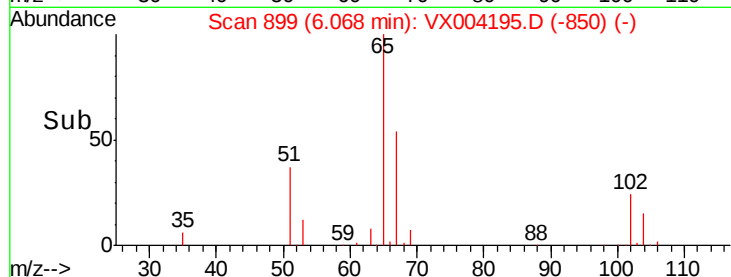
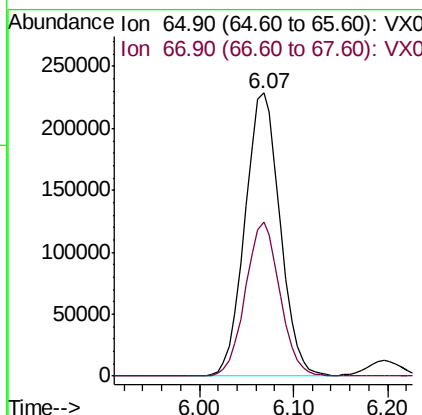
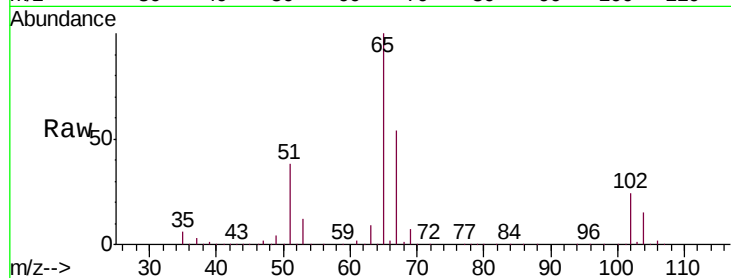




#33
 1,2-Dichloroethane-d4
 Concen: 144.311 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

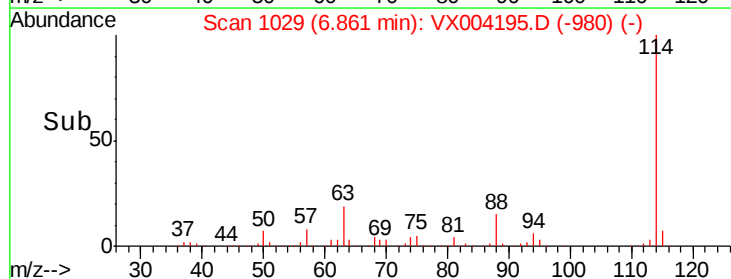
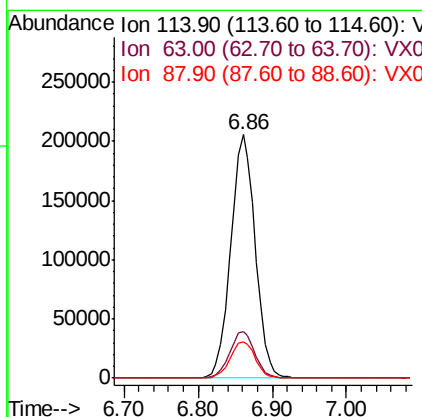
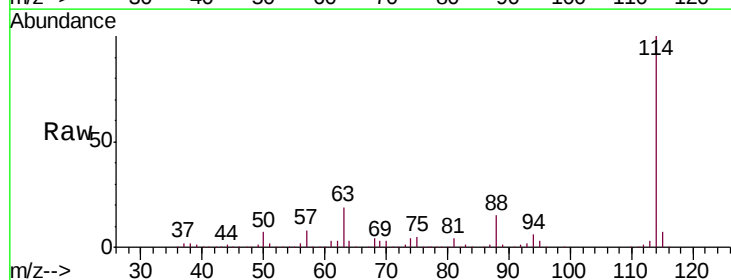
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 65 Resp: 599394
 Ion Ratio Lower Upper
 65 100
 67 53.2 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: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 114 Resp: 472665
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.0 0.0 30.4

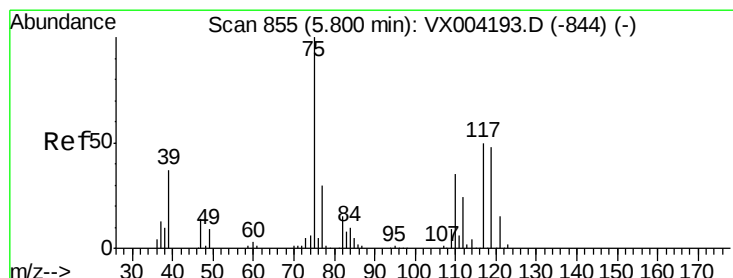
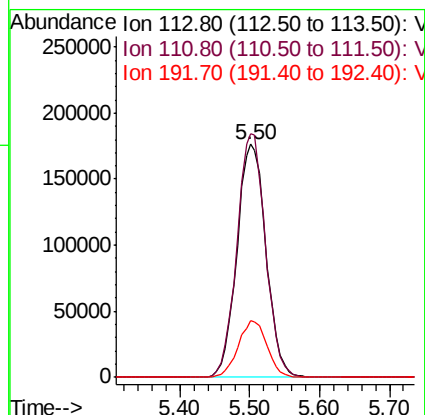
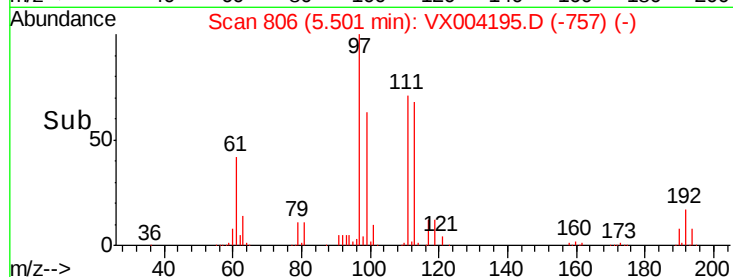
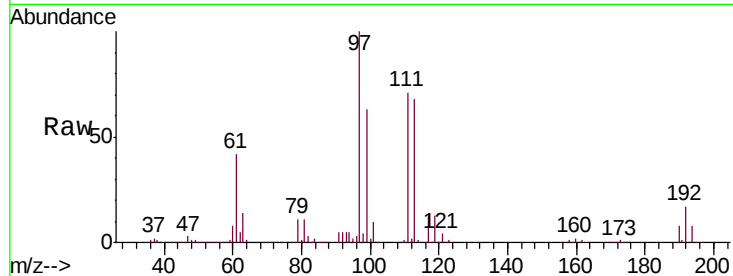




#35
 Dibromofluoromethane
 Concen: 144.546 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

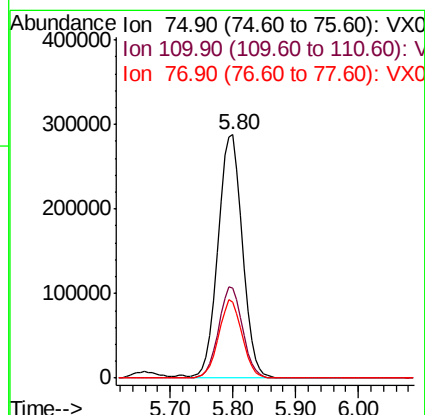
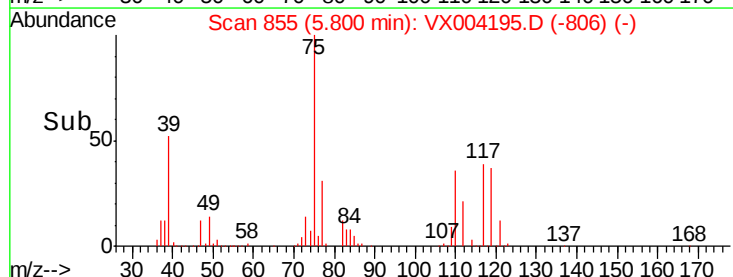
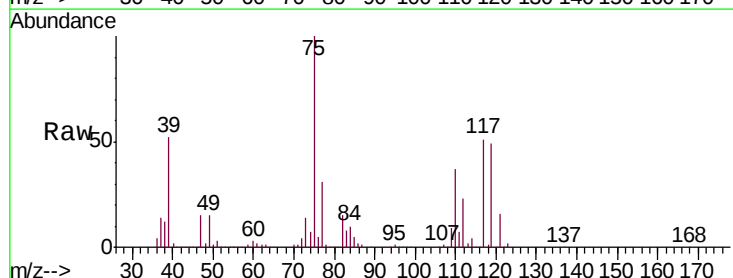
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:113 Resp: 508270
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 24.0 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 145.875 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 75 Resp: 775154
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.0 54.0
 77 30.8 24.6 36.8





#37

Ethyl Acetate

Concen: 149.615 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

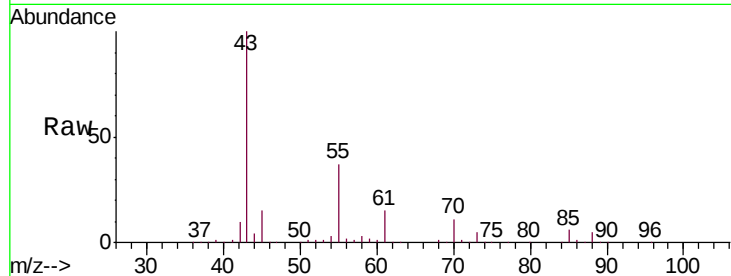
Tgt Ion: 43 Resp: 781901

Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

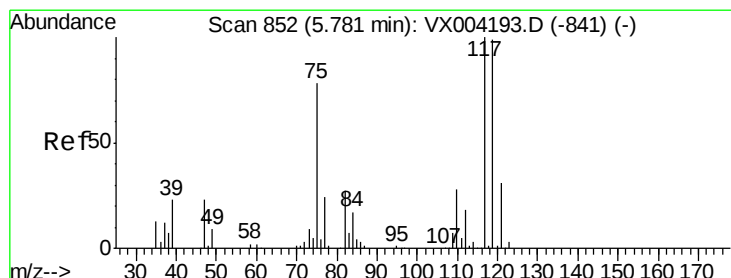
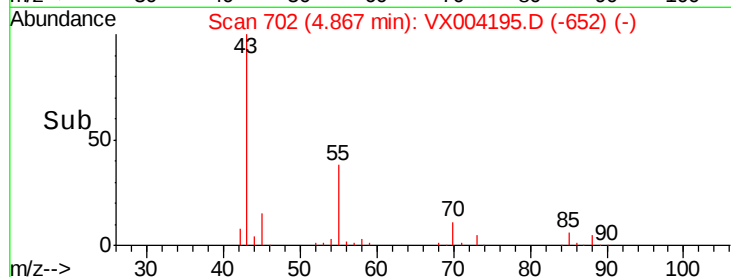
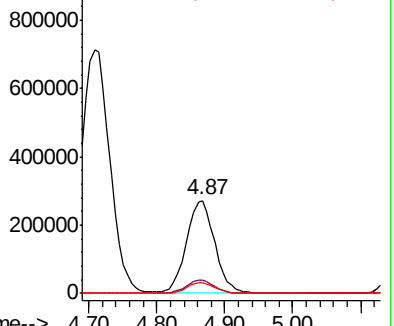
70 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 151.660 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

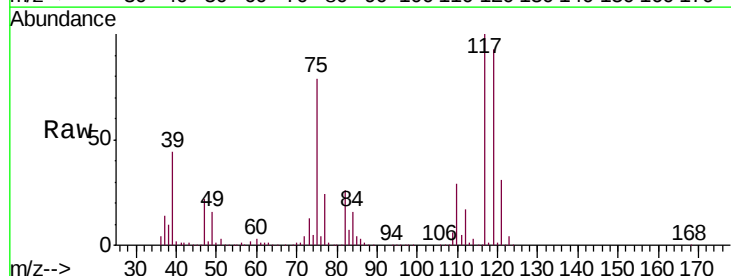
Tgt Ion: 117 Resp: 758112

Ion Ratio Lower Upper

117 100

119 93.5 78.8 118.2

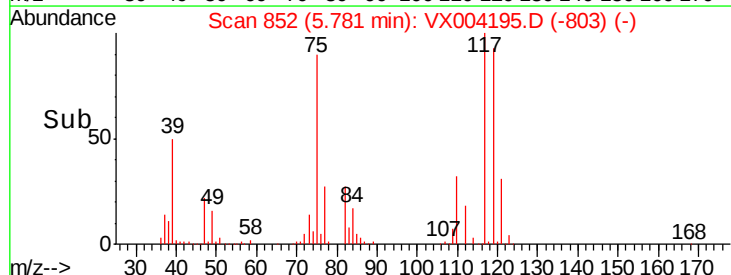
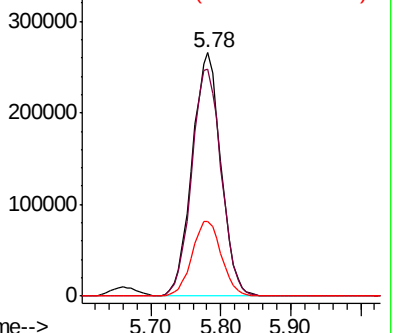
121 30.8 24.9 37.3

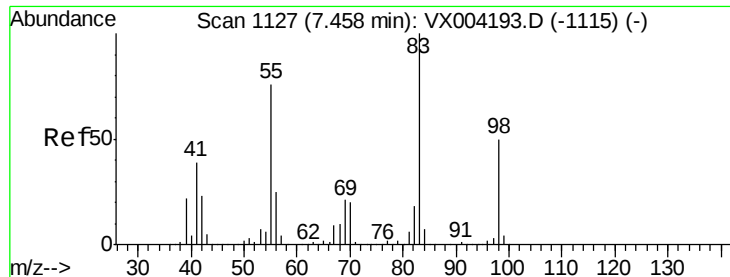


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

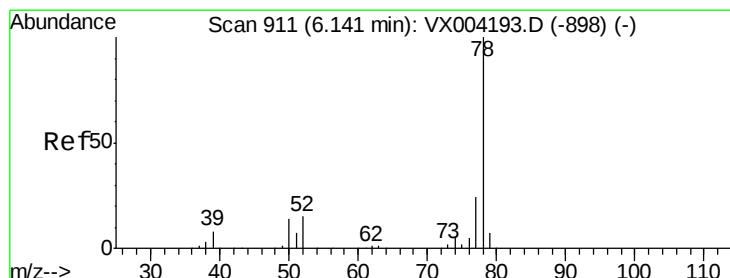
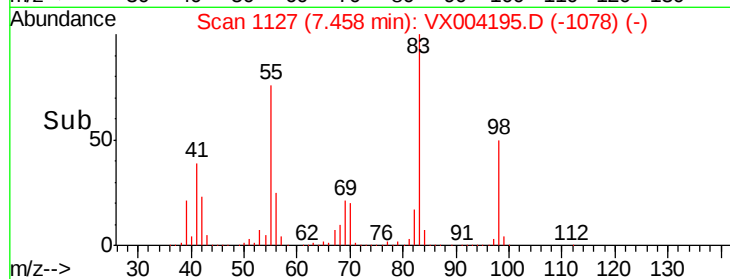
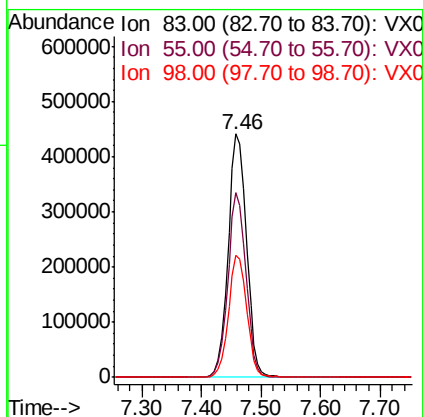
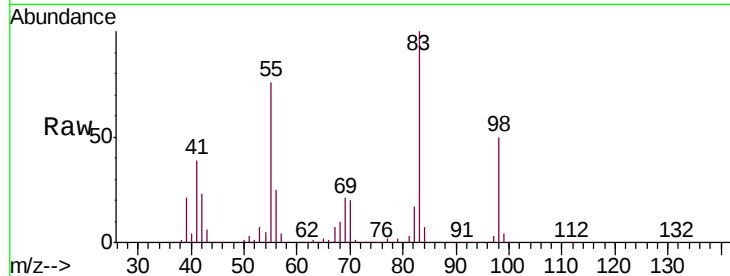




#39
Methylcyclohexane
Concen: 155.589 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

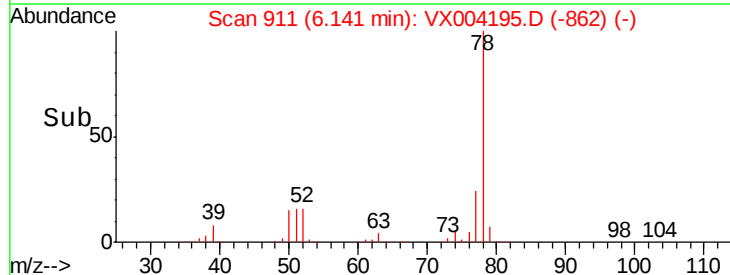
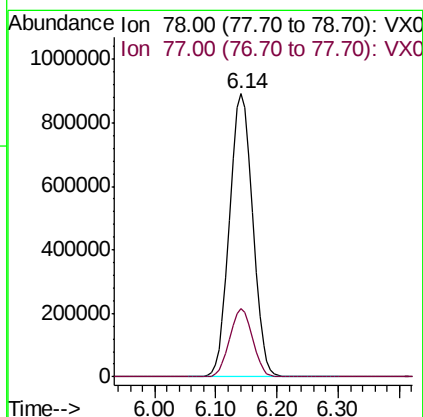
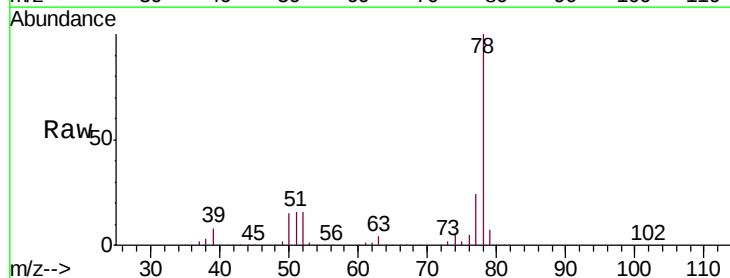
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

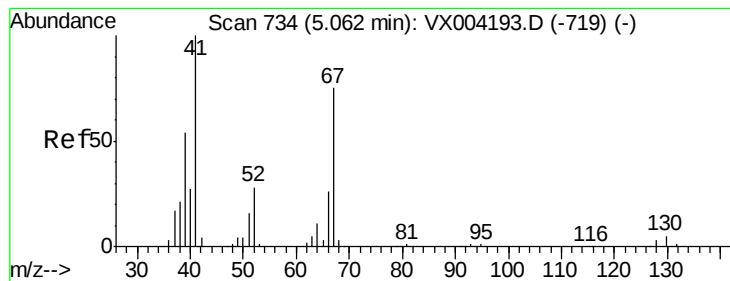
Tgt Ion: 83 Resp: 943944
Ion Ratio Lower Upper
83 100
55 75.8 61.0 91.4
98 50.1 39.6 59.4



#40
Benzene
Concen: 146.321 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

Tgt Ion: 78 Resp: 2323284
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





#41

Methacrylonitrile

Concen: 150.058 ug/l

RT: 5.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 454563

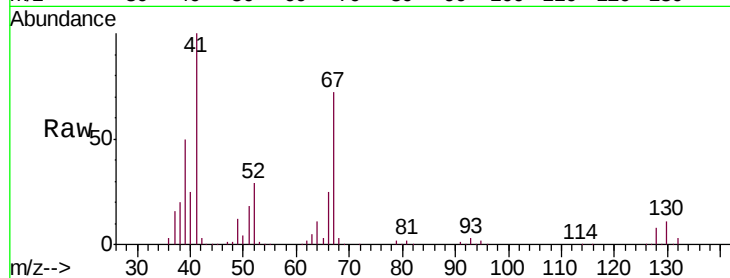
Ion Ratio Lower Upper

41 100

39 52.0 42.4 63.6

67 74.5 59.2 88.8

52 28.5 23.0 34.4

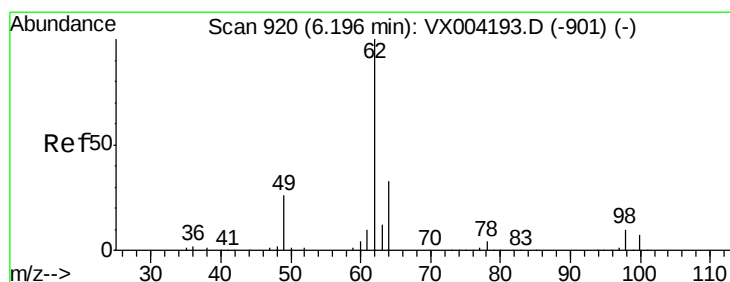
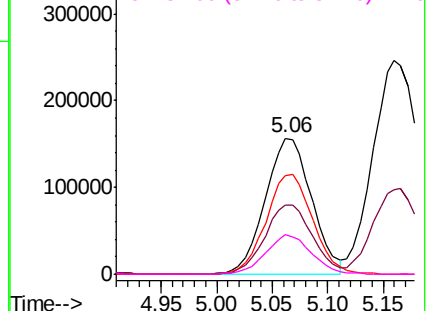
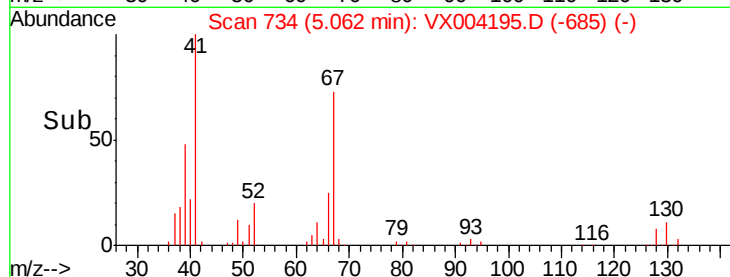


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 143.111 ug/l

RT: 6.20 min Scan# 920

Delta R.T. 0.00 min

Lab File: VX004195.D

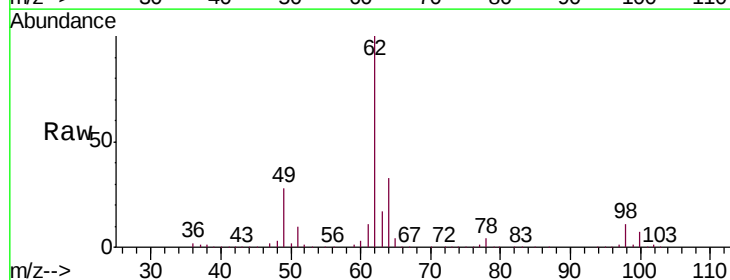
Acq: 22 Aug 2018 12:34

Tgt Ion: 62 Resp: 775104

Ion Ratio Lower Upper

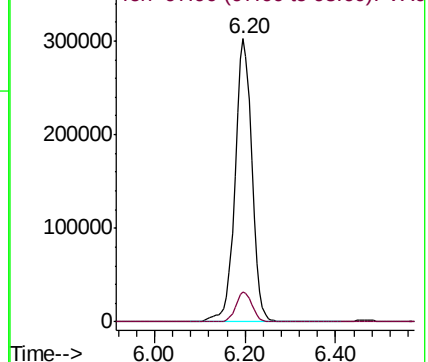
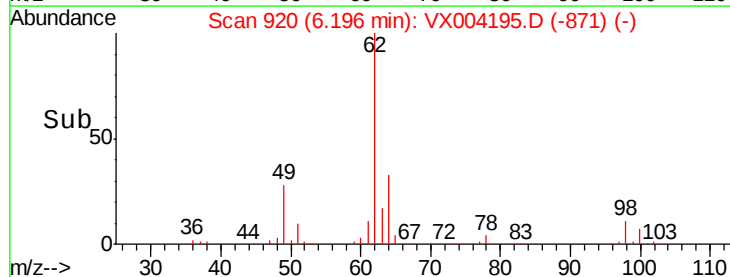
62 100

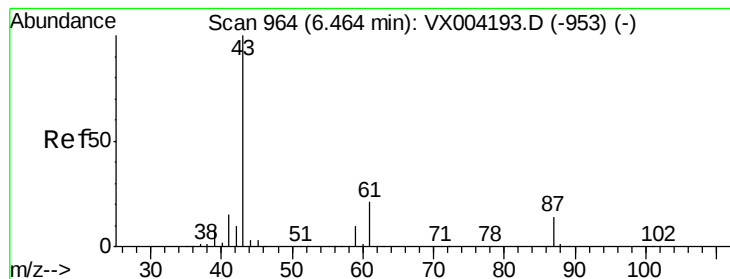
98 10.4 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 162.681 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

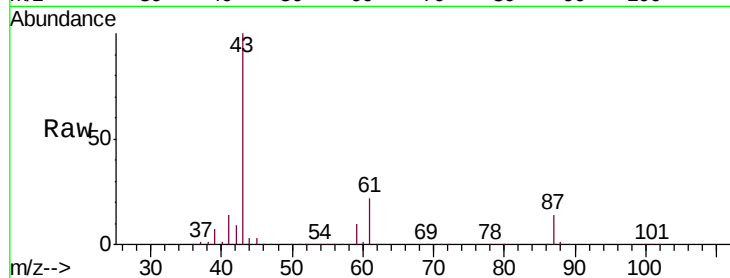
Tgt Ion: 43 Resp: 1306386

Ion Ratio Lower Upper

43 100

61 21.7 17.0 25.4

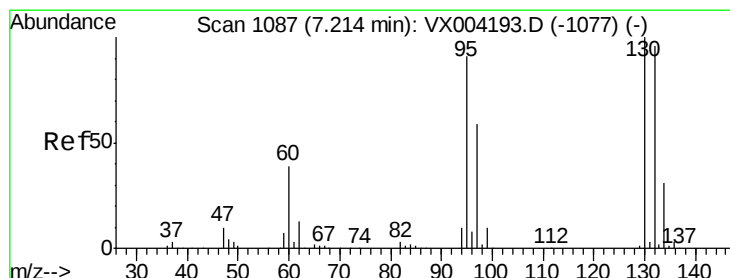
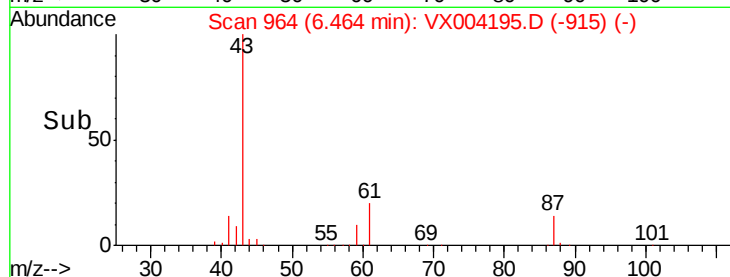
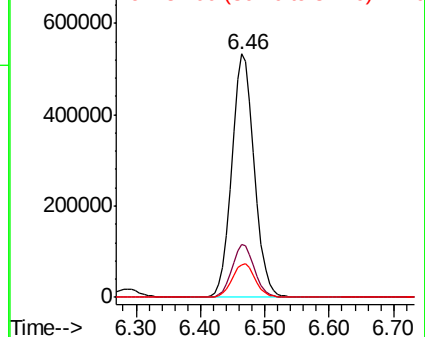
87 14.1 11.4 17.2



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: 145.804 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004195.D

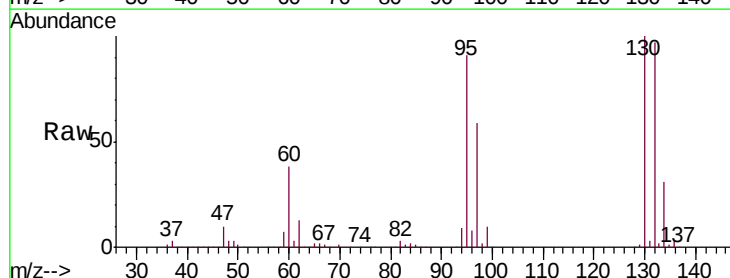
Acq: 22 Aug 2018 12:34

Tgt Ion:130 Resp: 640834

Ion Ratio Lower Upper

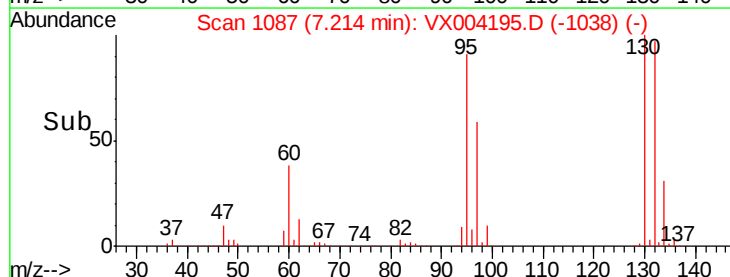
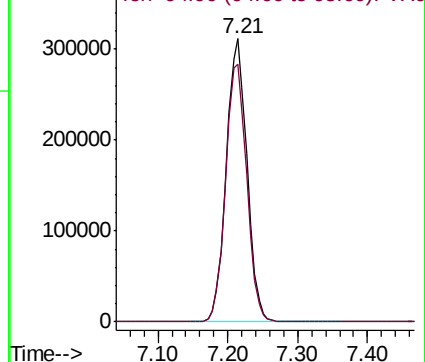
130 100

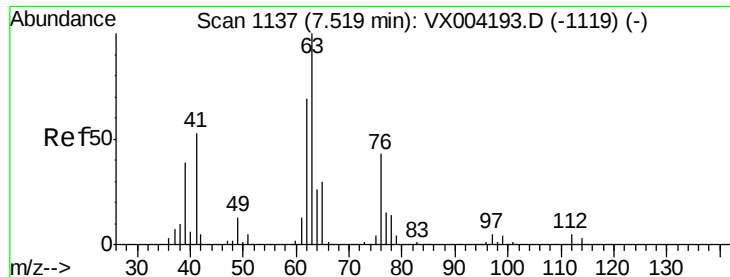
95 91.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

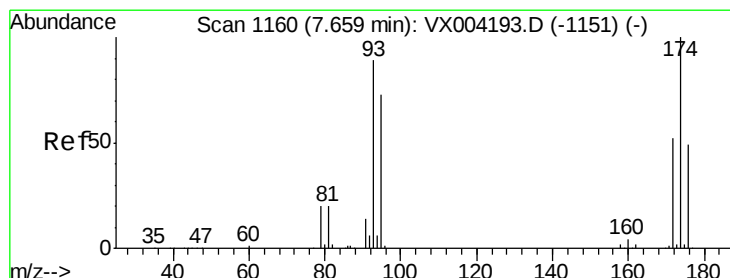
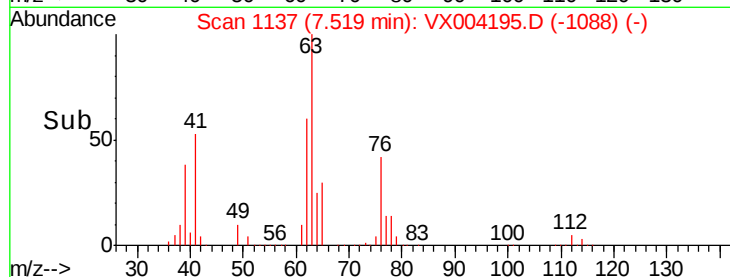
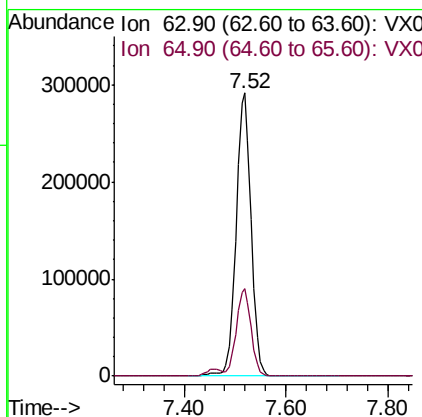
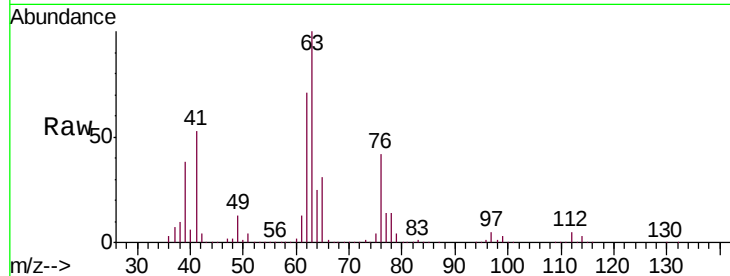




#45
 1,2-Dichloropropane
 Concen: 149.611 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

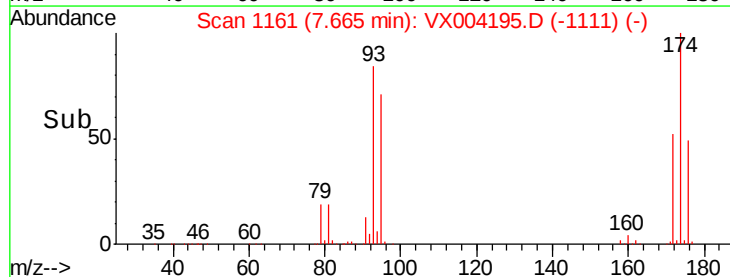
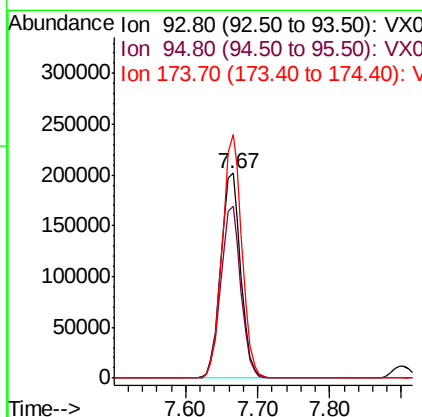
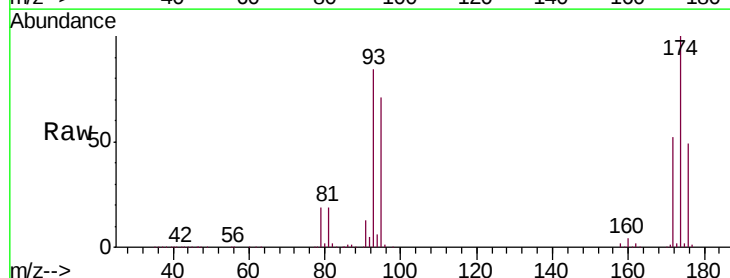
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

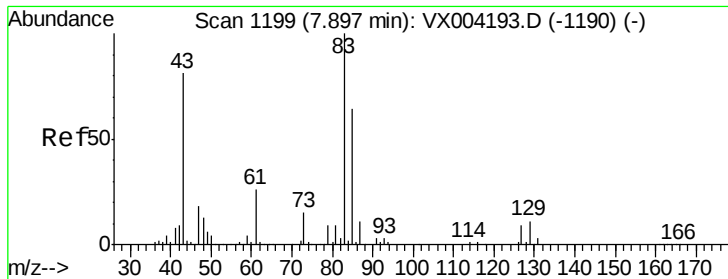
Tgt Ion: 63 Resp: 594549
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5



#46
 Dibromomethane
 Concen: 146.802 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 93 Resp: 388437
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.5 98.3
 174 117.5 94.2 141.4





#47

Bromodichloromethane

Concen: 156.853 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

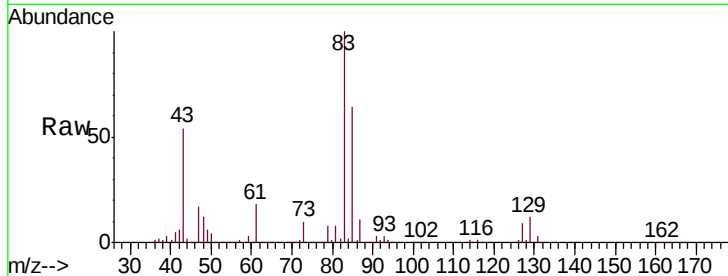
Tgt Ion: 83 Resp: 772278

Ion Ratio Lower Upper

83 100

85 63.8 50.9 76.3

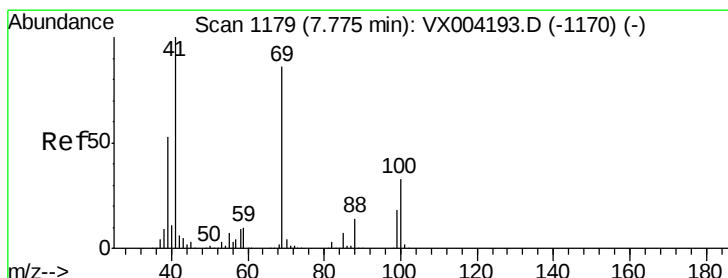
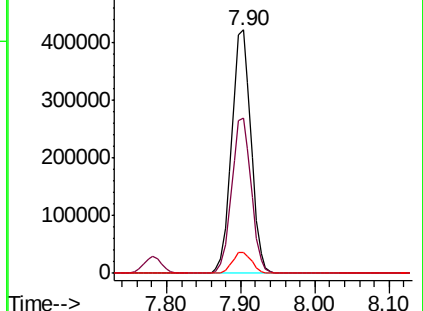
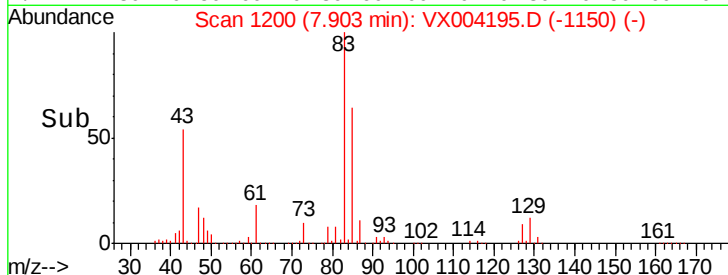
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 162.953 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

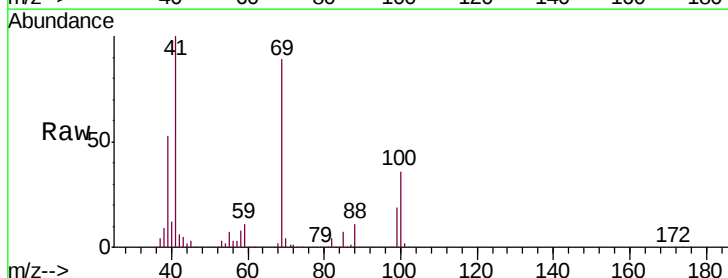
Tgt Ion: 41 Resp: 700194

Ion Ratio Lower Upper

41 100

69 88.5 70.2 105.4

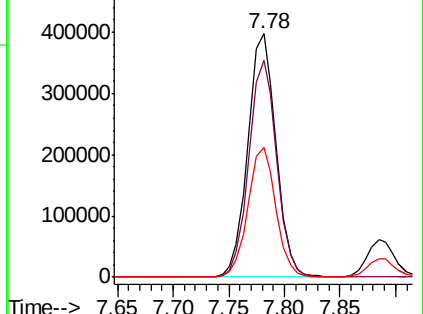
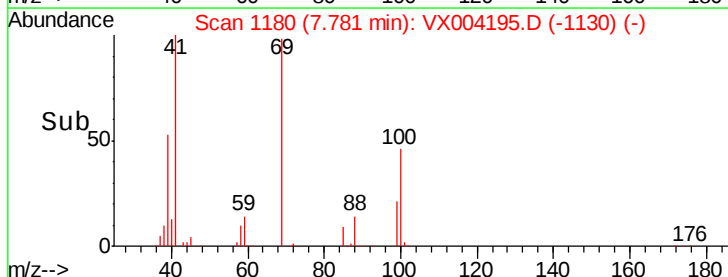
39 52.9 42.7 64.1

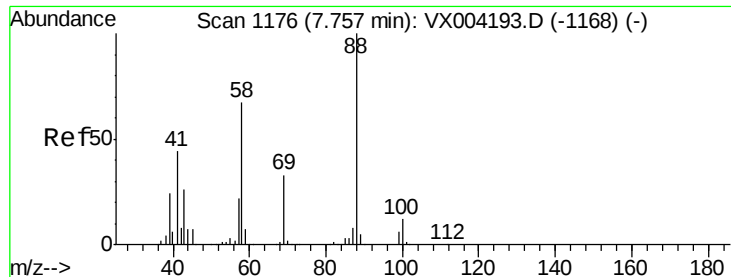


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

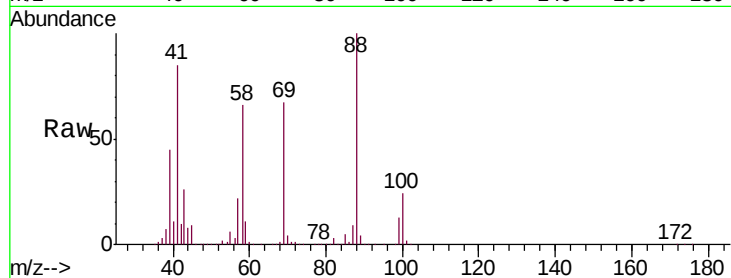




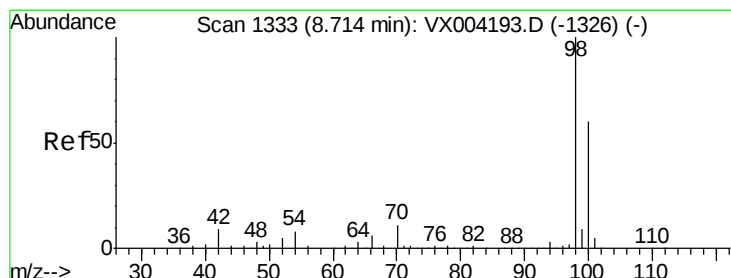
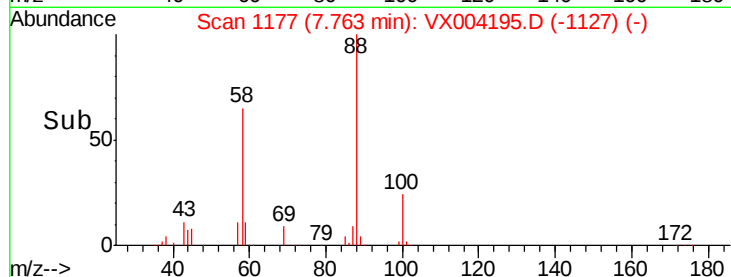
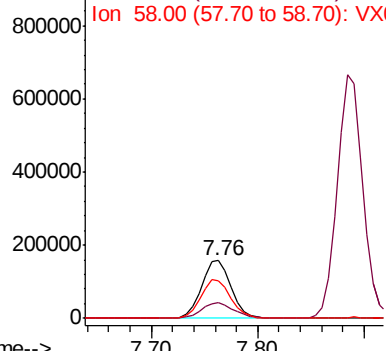
#49
1,4-Dioxane
Concen: 3139.178 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 306253
Ion Ratio Lower Upper
88 100
43 29.5 24.7 37.1
58 68.5 55.3 82.9

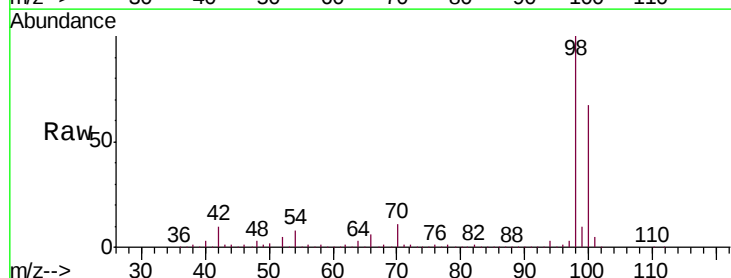


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

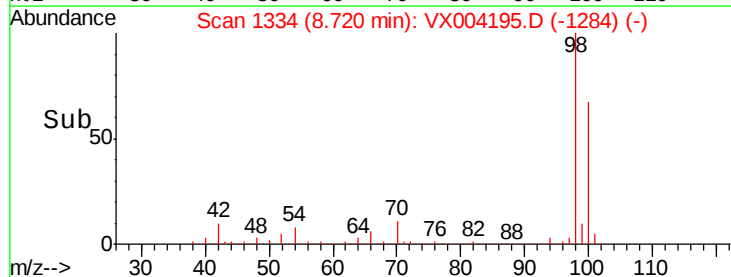
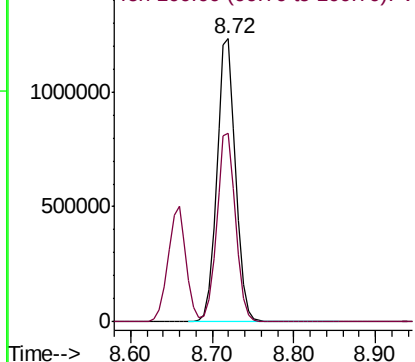


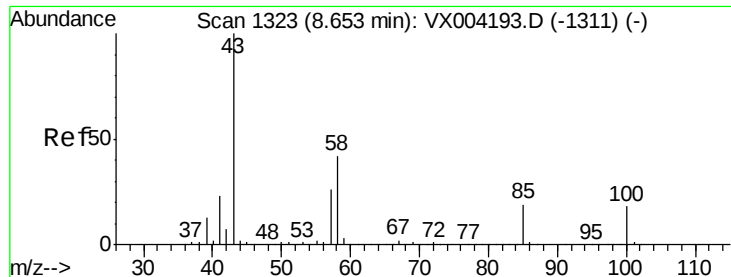
#50
Toluene-d8
Concen: 148.500 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

Tgt Ion: 98 Resp: 1971014
Ion Ratio Lower Upper
98 100
100 67.3 52.9 79.3



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

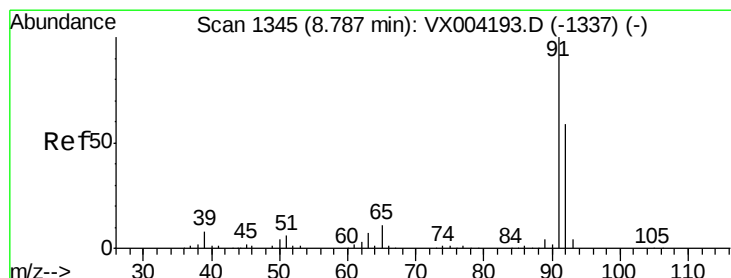
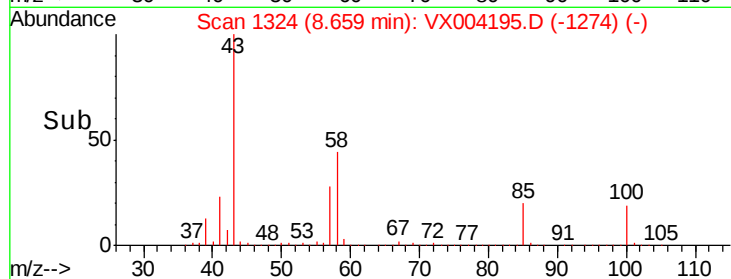
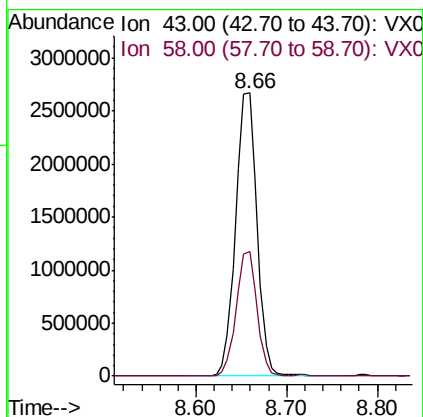
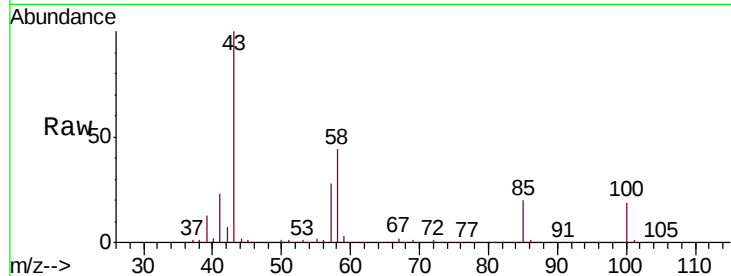




#51
 4-Methyl-2-Pentanone
 Concen: 749.816 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

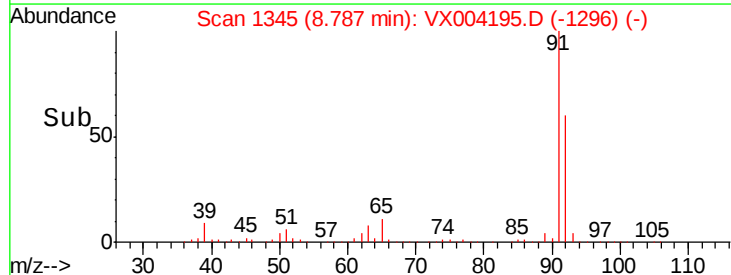
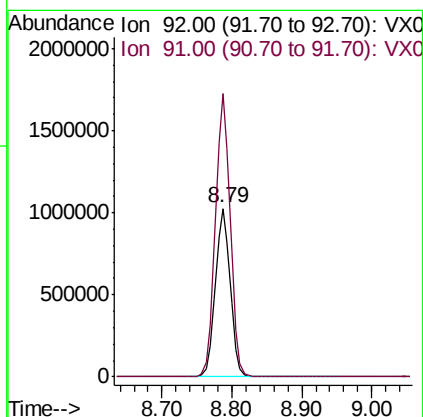
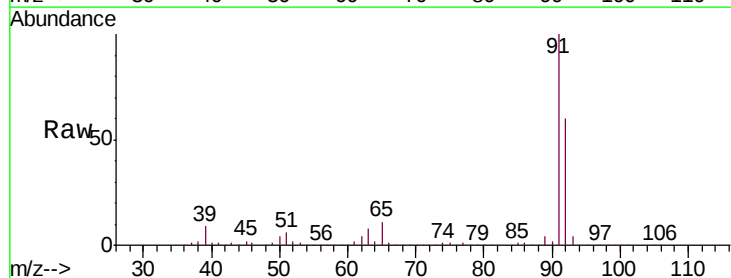
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 4374945
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.1 49.7



#52
 Toluene
 Concen: 151.681 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 92 Resp: 1507589
 Ion Ratio Lower Upper
 92 100
 91 168.6 136.4 204.6

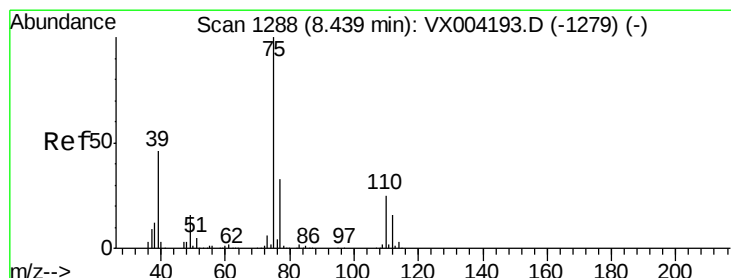
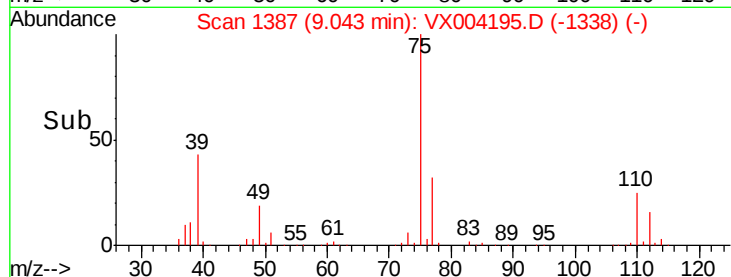
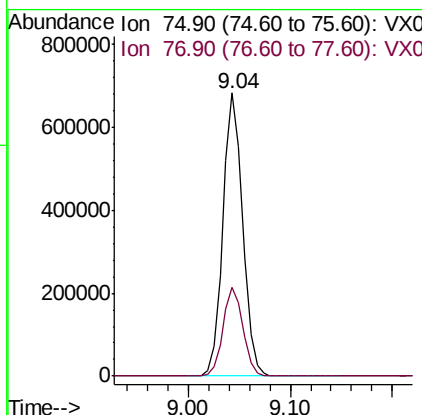
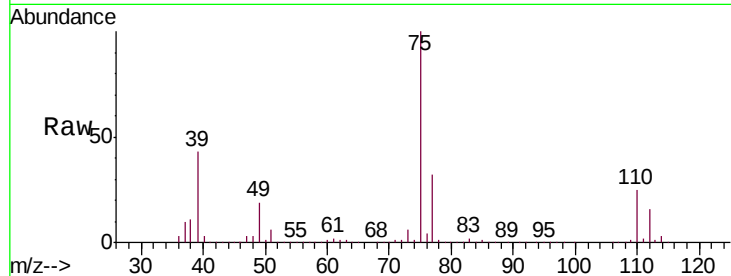




#53
 t-1,3-Dichloropropene
 Concen: 169.341 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

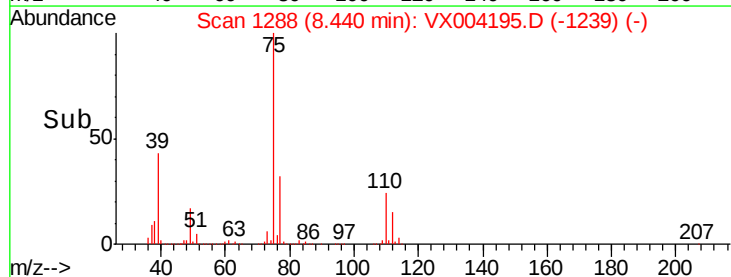
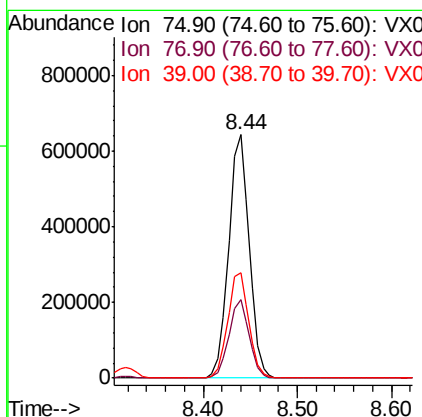
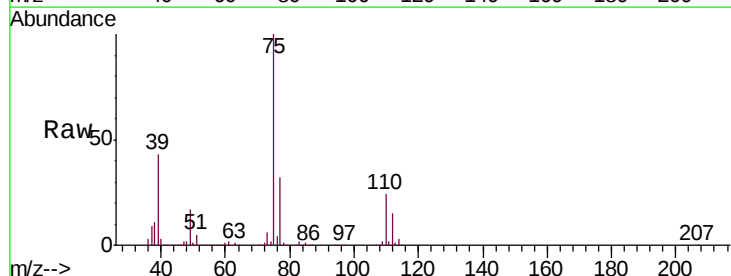
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

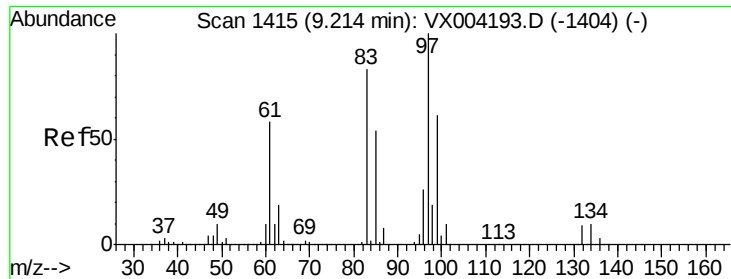
Tgt Ion: 75 Resp: 920889
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 163.990 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 75 Resp: 971389
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2
 39 43.4 36.4 54.6

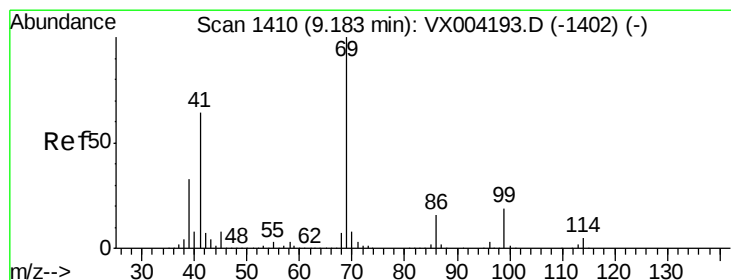
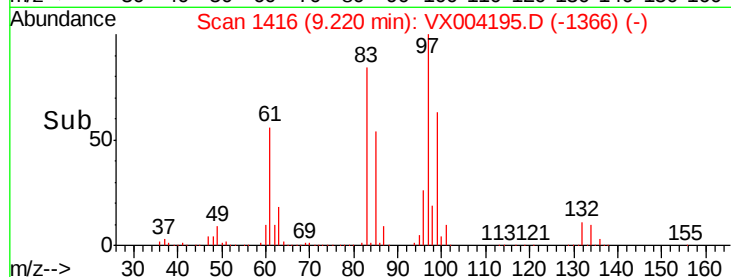
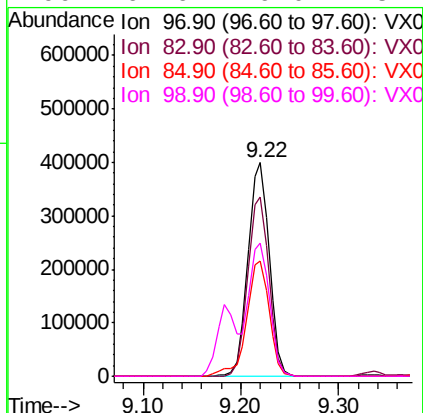
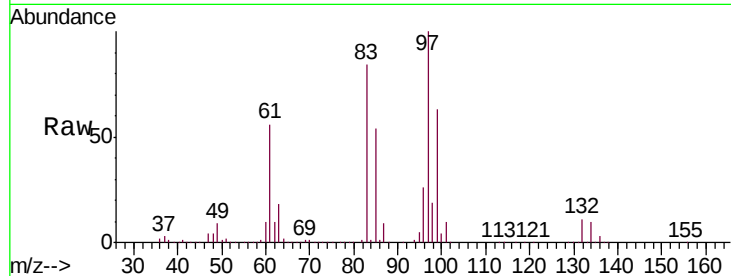




#55
 1,1,2-Trichloroethane
 Concen: 150.209 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

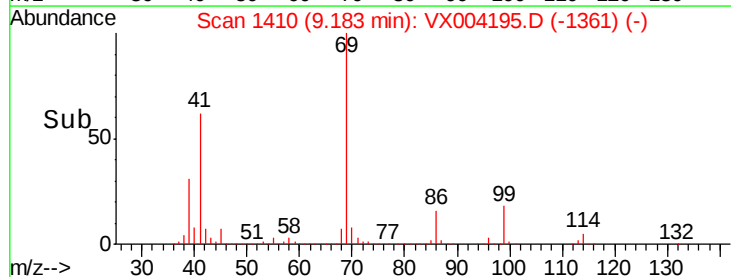
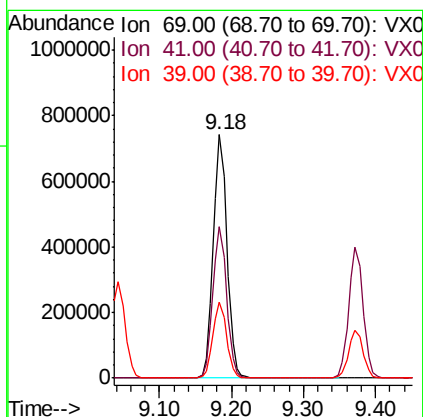
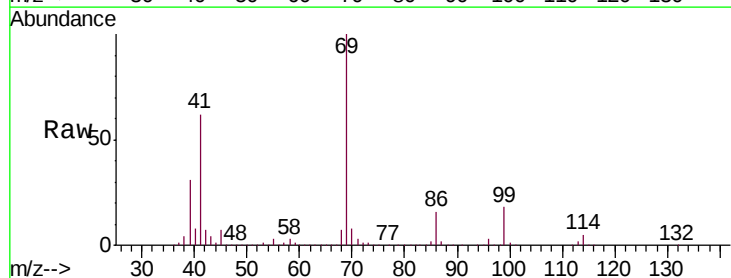
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

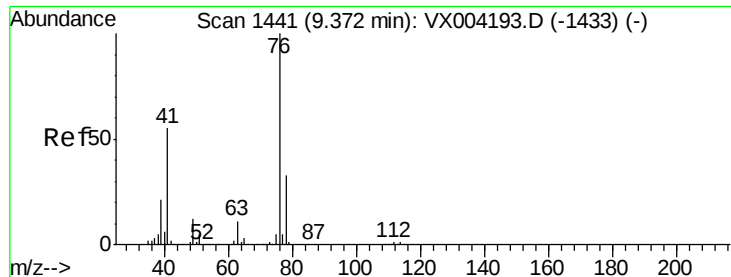
Tgt Ion:	97	Resp:	602673
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.4	99.6
85	54.0	43.3	64.9
99	62.6	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 178.886 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion:	69	Resp:	977055
Ion	Ratio	Lower	Upper
69	100		
41	62.5	51.0	76.4
39	31.3	26.1	39.1





#57

1,3-Dichloropropane

Concen: 150.431 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

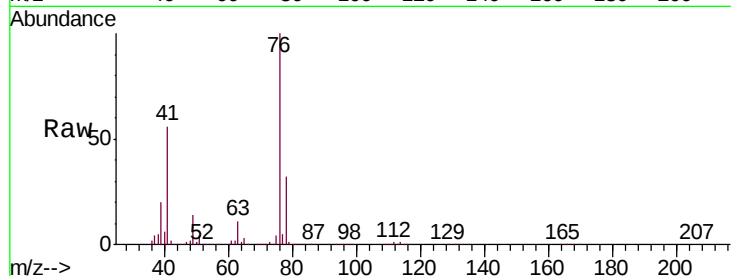
VSTDIC150

Tgt Ion: 76 Resp: 1017343

Ion Ratio Lower Upper

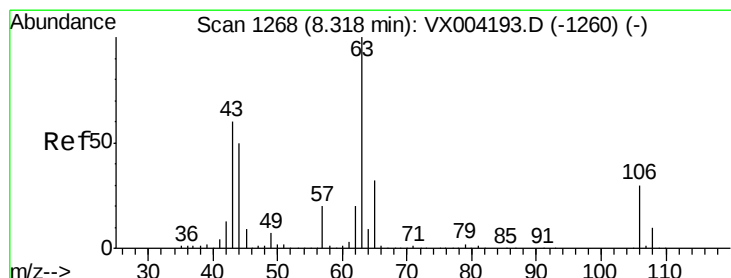
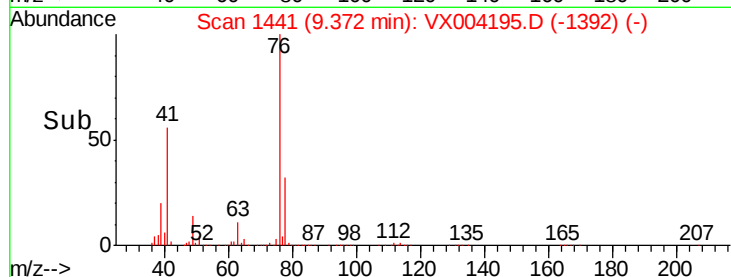
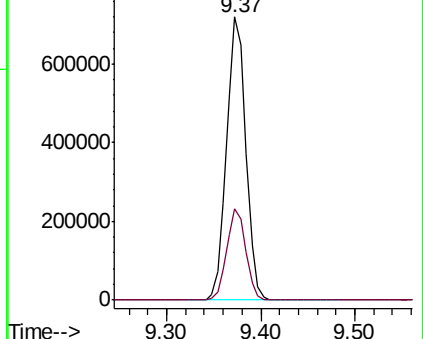
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 848.496 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX004195.D

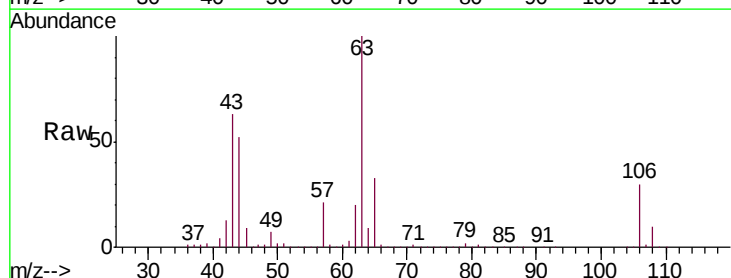
Acq: 22 Aug 2018 12:34

Tgt Ion: 63 Resp: 2374591

Ion Ratio Lower Upper

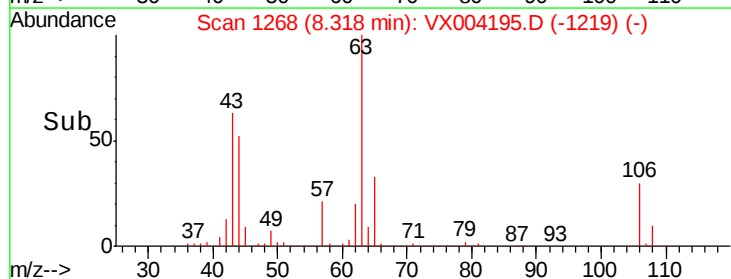
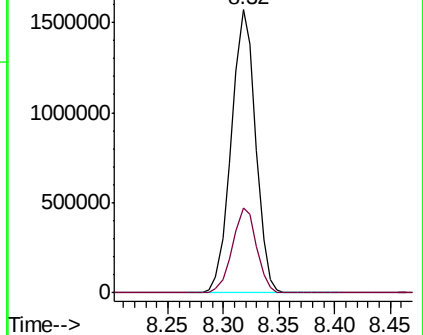
63 100

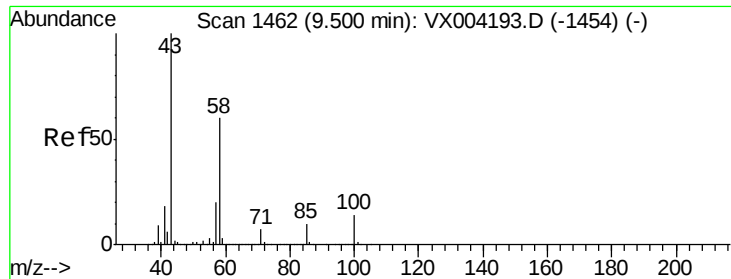
106 29.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

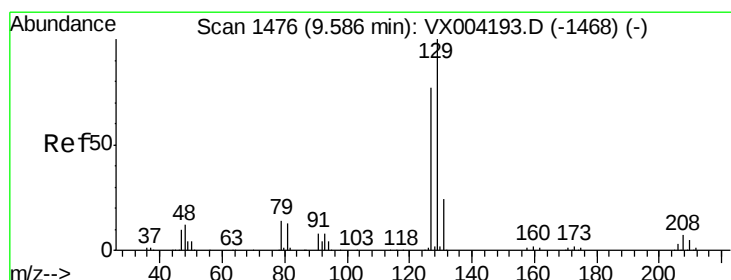
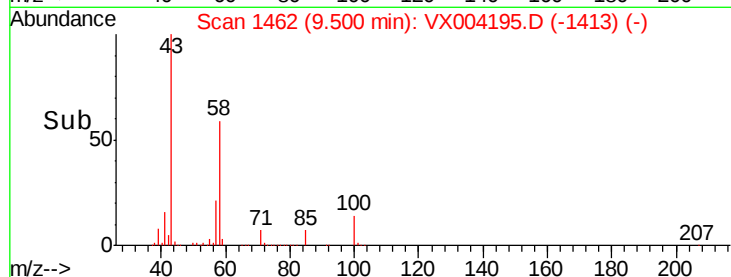
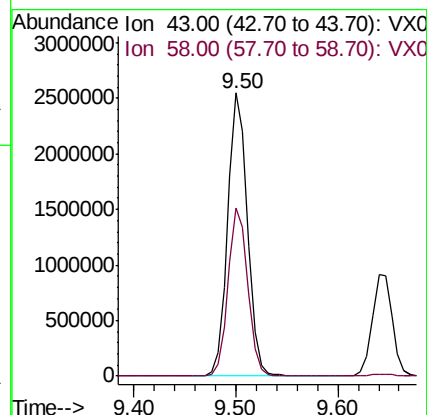
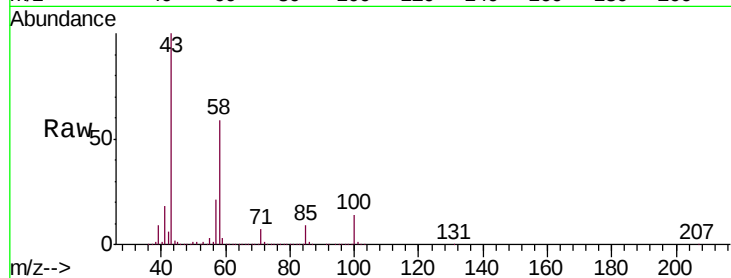




#59
2-Hexanone
Concen: 767.743 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

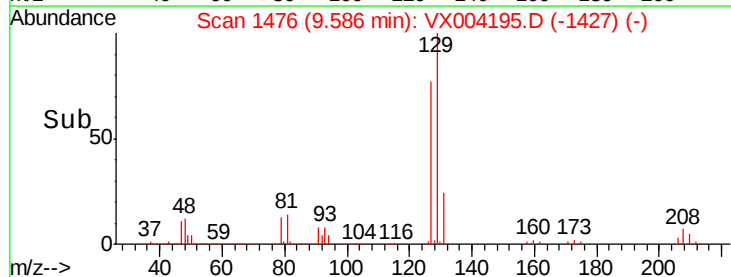
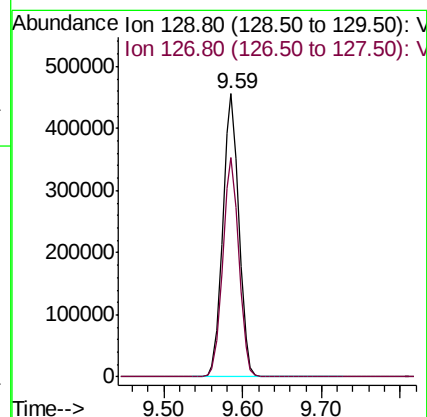
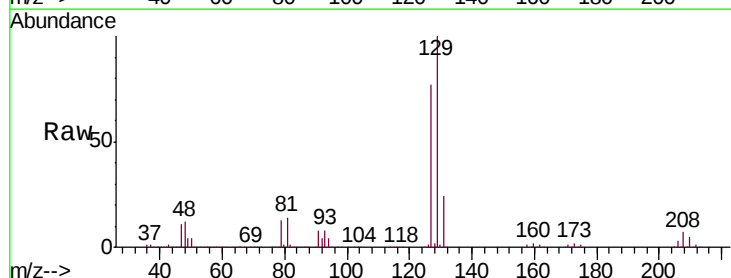
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

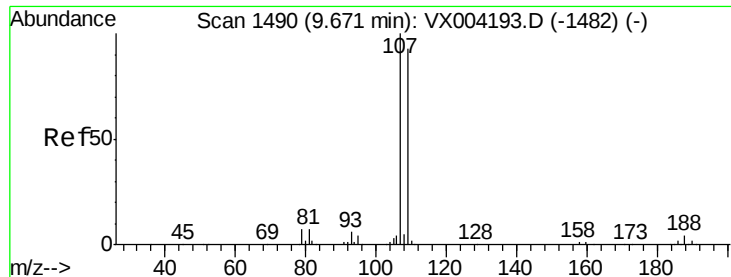
Tgt Ion: 43 Resp: 3417464
Ion Ratio Lower Upper
43 100
58 59.3 29.0 87.0



#60
Dibromochloromethane
Concen: 165.798 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

Tgt Ion: 129 Resp: 648116
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 153.923 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

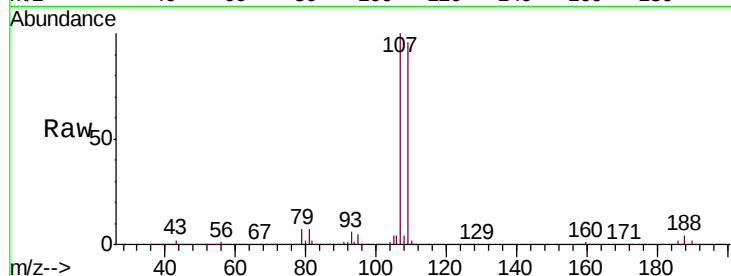
VSTDIC150

Tgt Ion:107 Resp: 639106

Ion Ratio Lower Upper

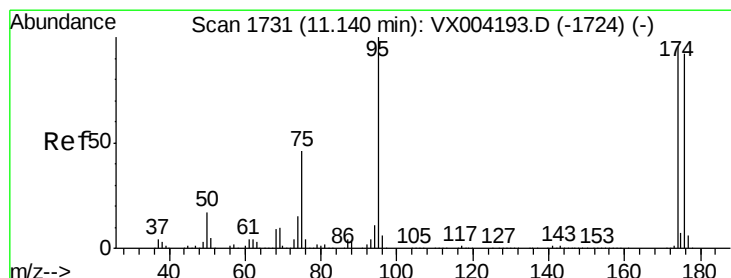
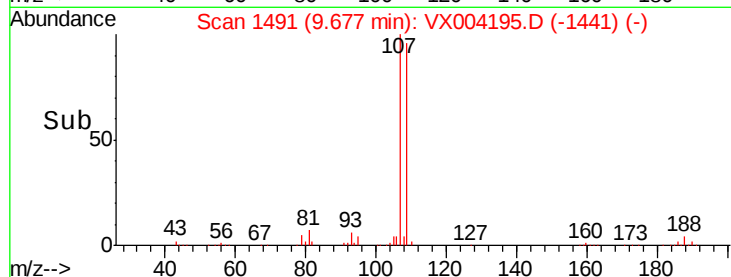
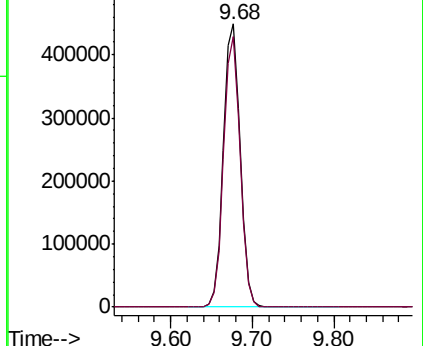
107 100

109 94.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 161.887 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

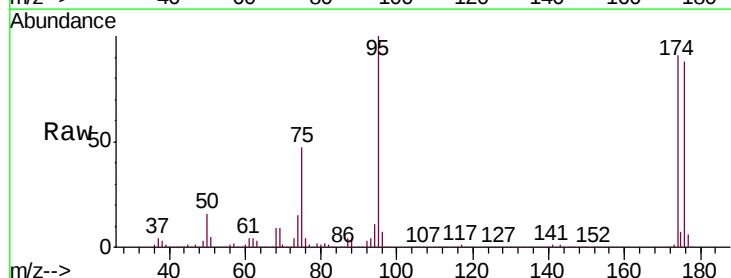
Tgt Ion: 95 Resp: 801735

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

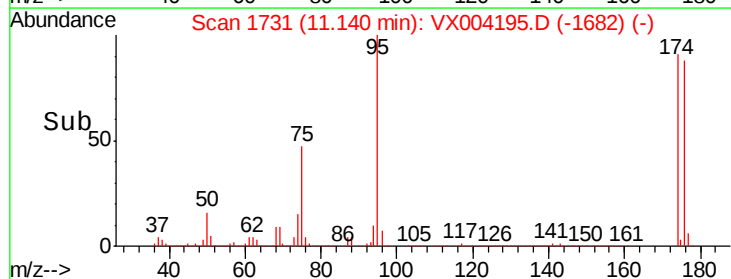
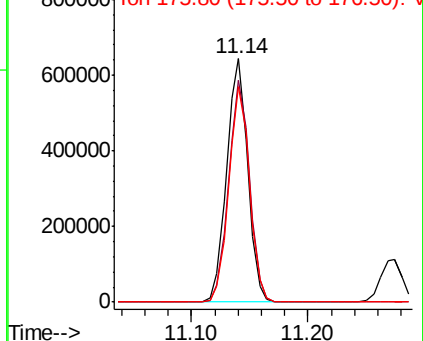
176 88.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

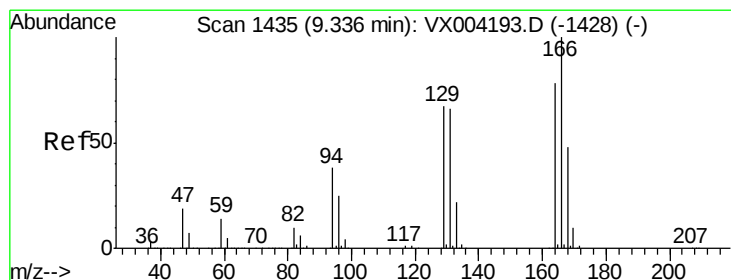
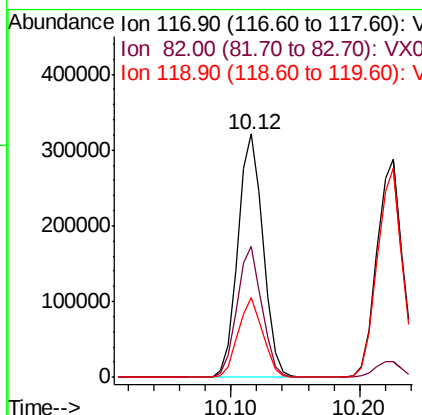
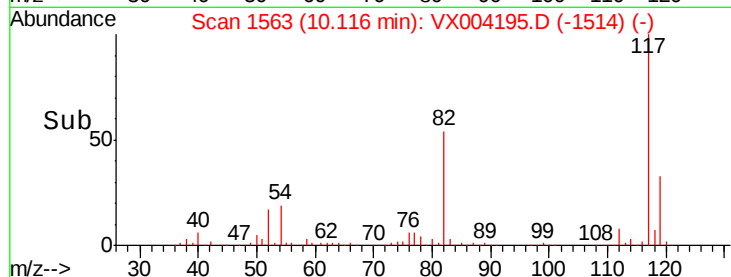
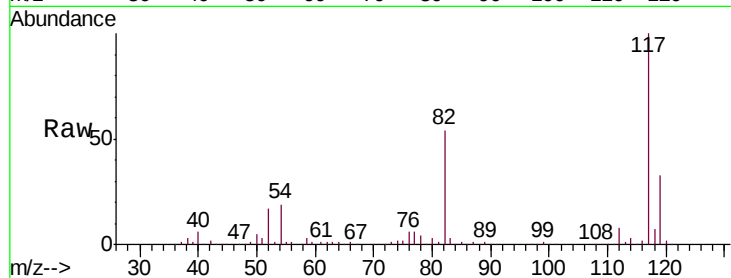




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

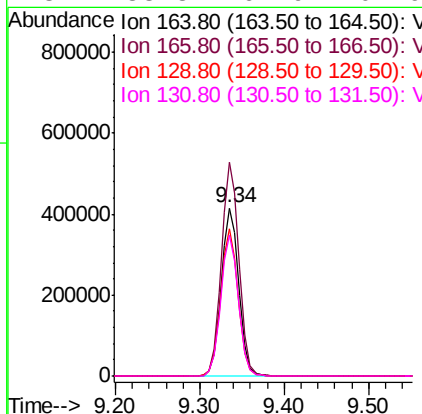
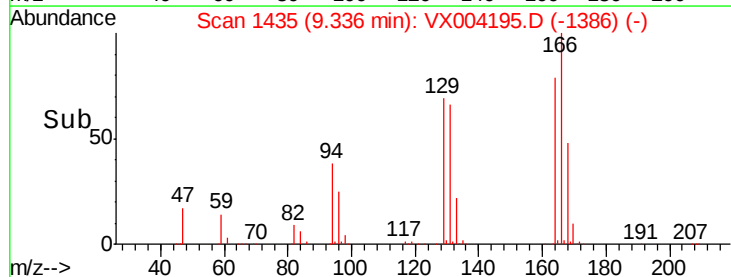
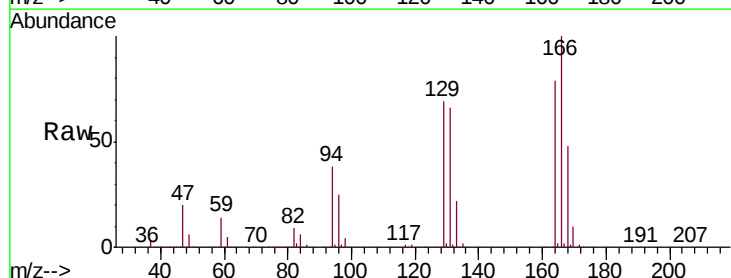
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

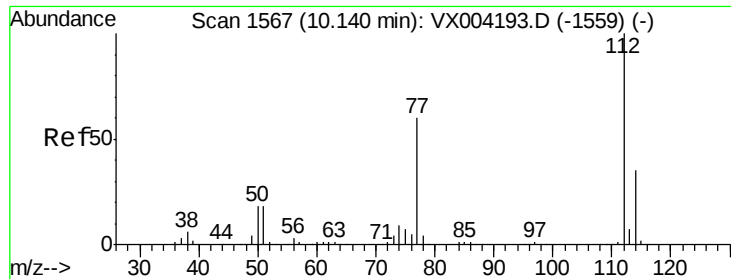
Tgt Ion:117 Resp: 434023
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.8 29.3 43.9



#64
Tetrachloroethene
Concen: 139.302 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

Tgt Ion:164 Resp: 597262
Ion Ratio Lower Upper
164 100
166 127.1 102.8 154.2
129 87.7 69.4 104.0
131 83.8 67.9 101.9

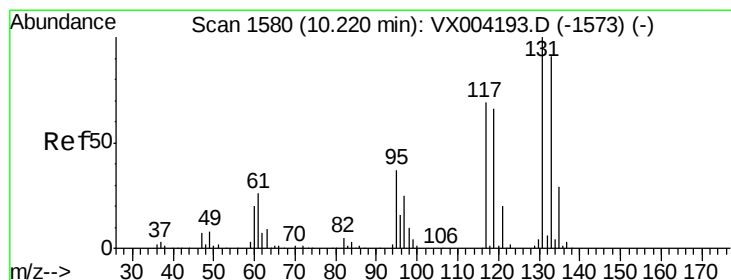
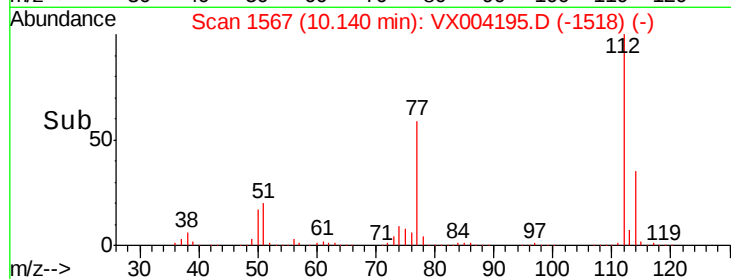
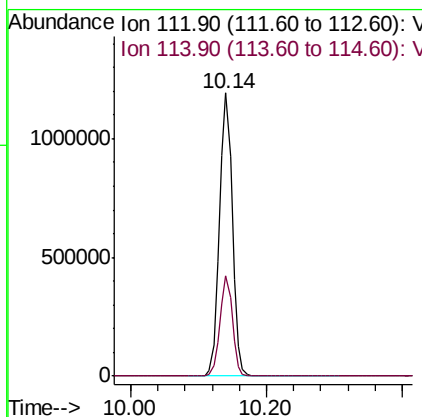
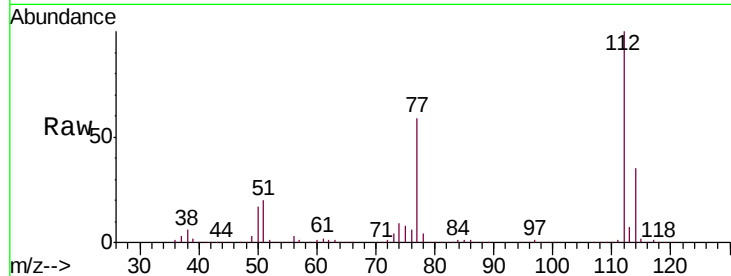




#65
Chlorobenzene
Concen: 143.411 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

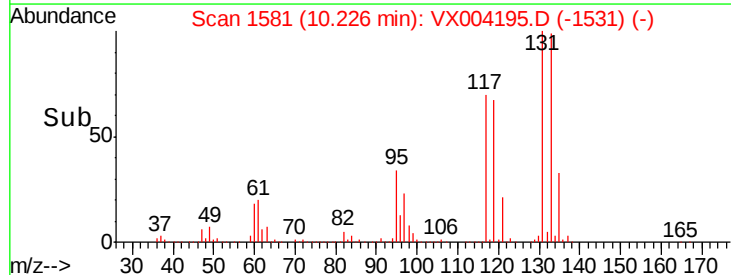
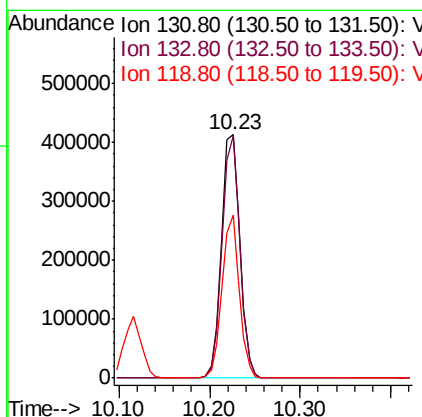
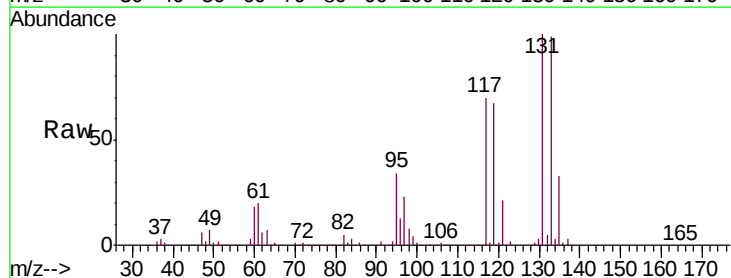
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

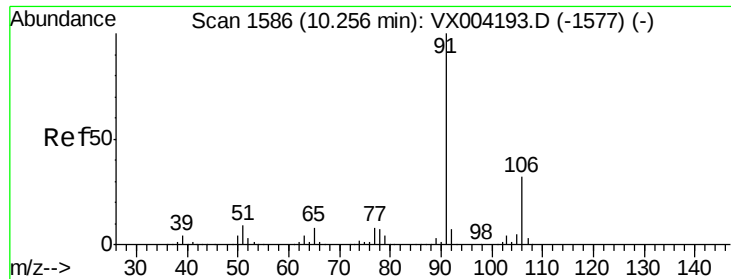
Tgt Ion:112 Resp: 1562164
Ion Ratio Lower Upper
112 100
114 35.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 156.366 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

Tgt Ion:131 Resp: 587475
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.4
119 62.6 32.9 98.6

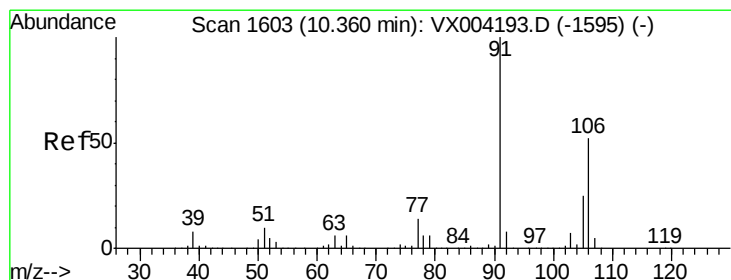
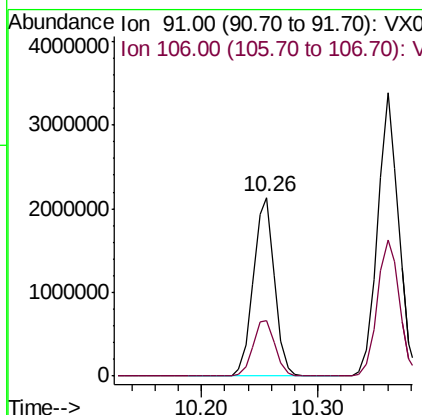
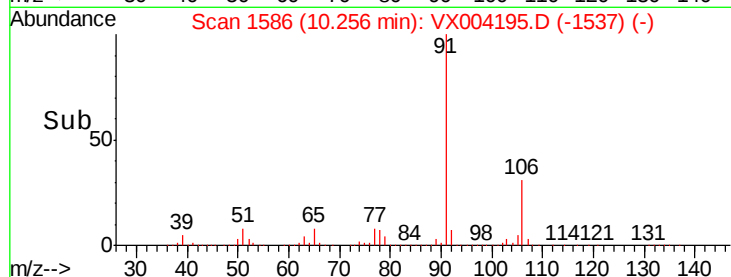
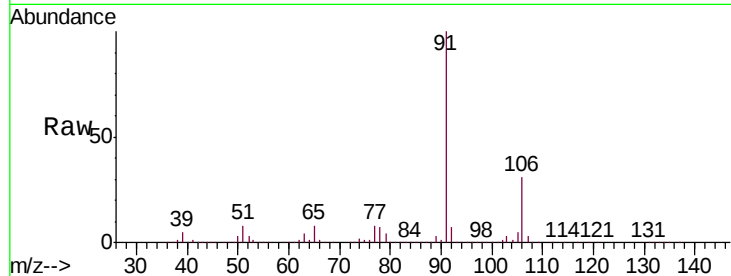




#67
 Ethyl Benzene
 Concen: 152.718 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

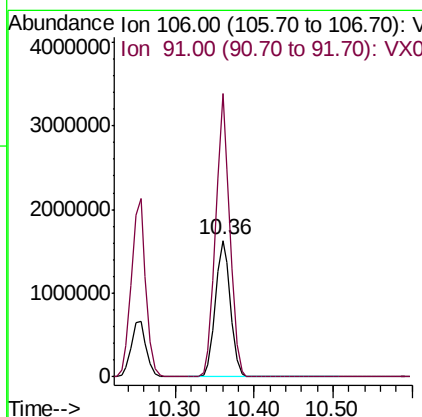
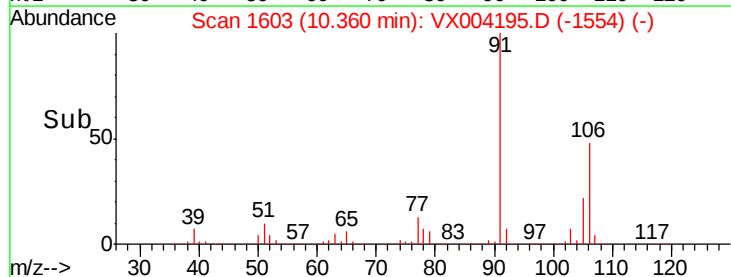
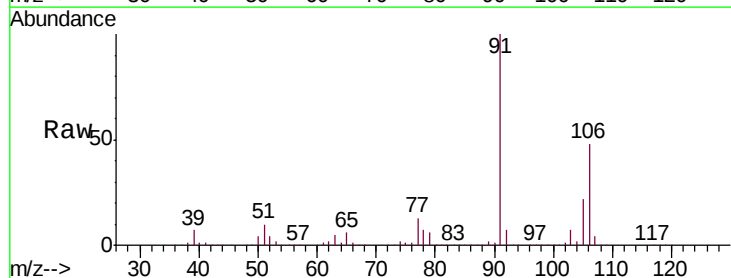
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

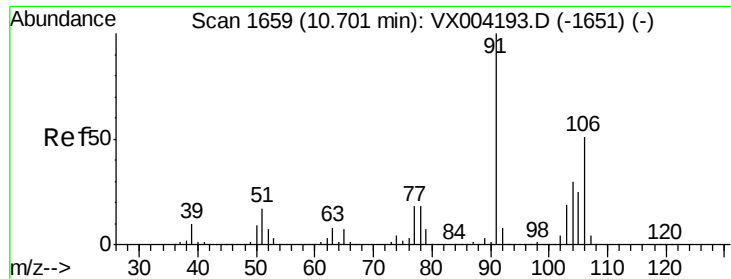
Tgt Ion: 91 Resp: 2701645
 Ion Ratio Lower Upper
 91 100
 106 30.7 25.9 38.9



#68
 m/p-Xylenes
 Concen: 312.572 ug/l
 RT: 10.36 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 106 Resp: 2162145
 Ion Ratio Lower Upper
 106 100
 91 195.3 157.1 235.7

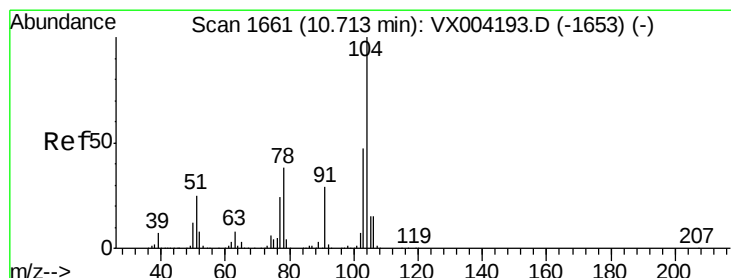
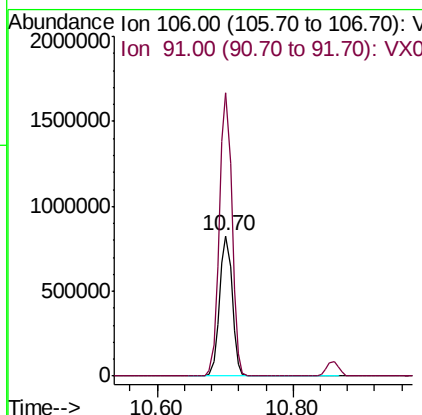
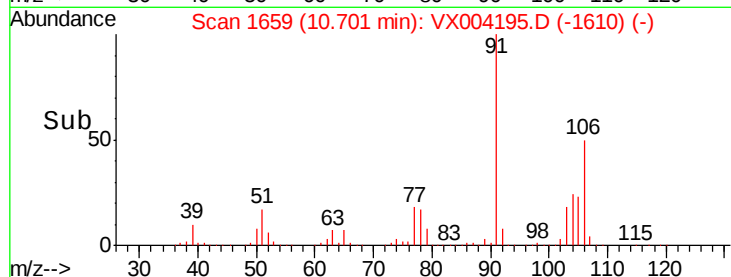
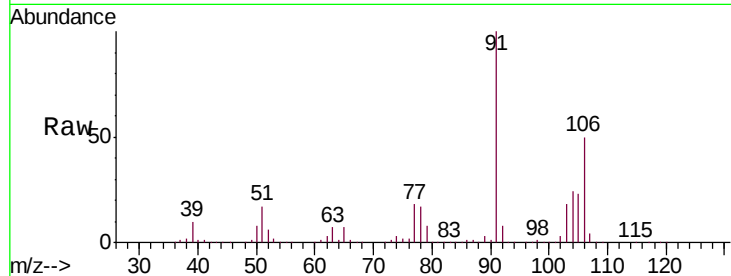




#69
o-Xylene
Concen: 162.153 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

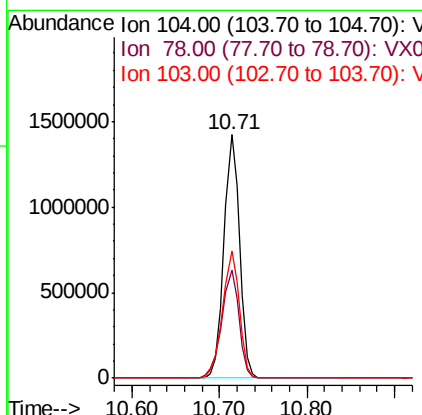
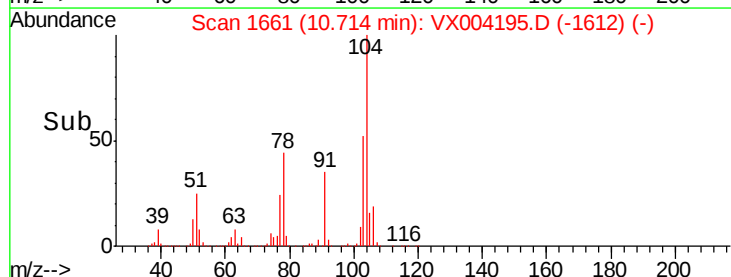
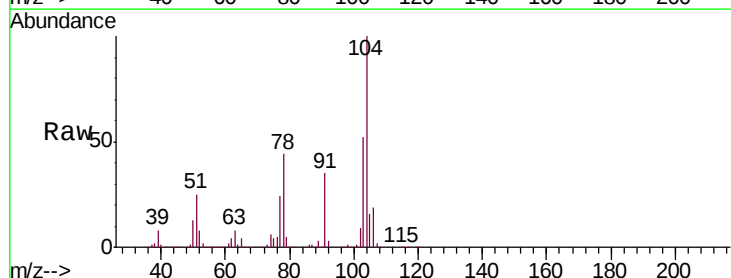
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

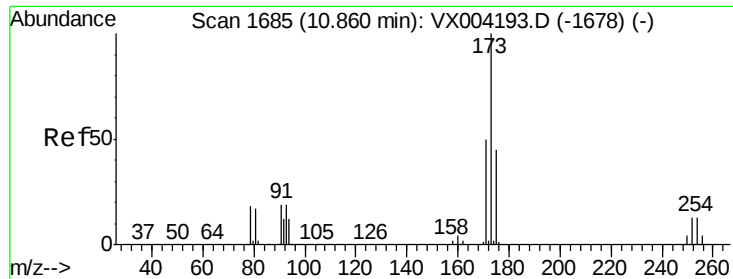
Tgt Ion:106 Resp: 1060997
Ion Ratio Lower Upper
106 100
91 201.4 105.1 315.1



#70
Styrene
Concen: 164.662 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004195.D
Acq: 22 Aug 2018 12:34

Tgt Ion:104 Resp: 1744515
Ion Ratio Lower Upper
104 100
78 48.9 37.4 56.0
103 56.3 43.8 65.6





#71

Bromoform

Concen: 180.249 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

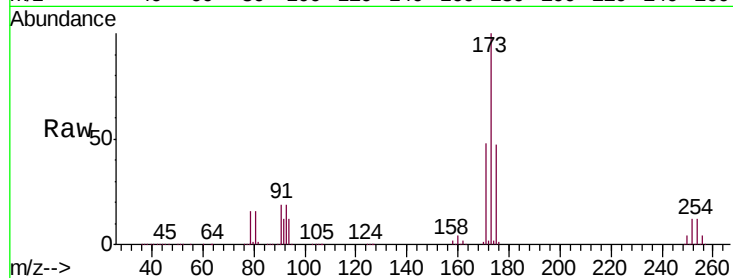
Tgt Ion:173 Resp: 545894

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

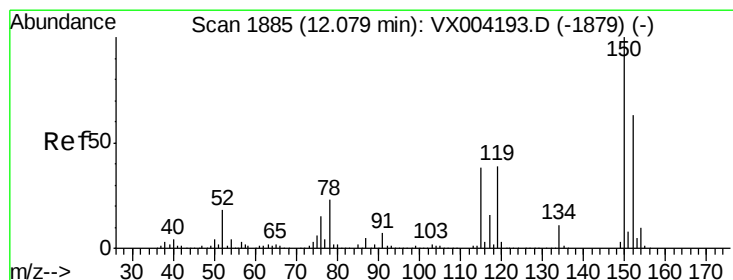
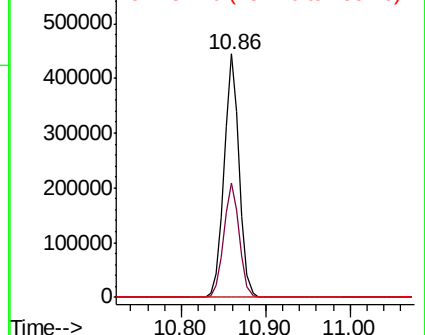
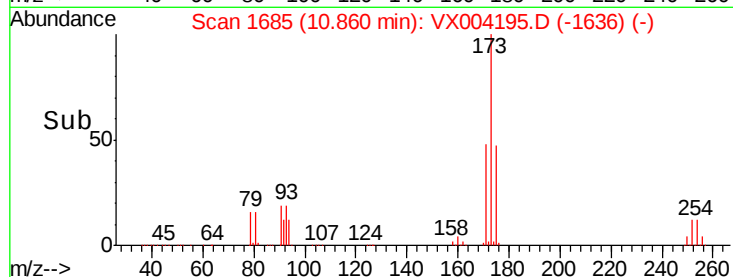
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

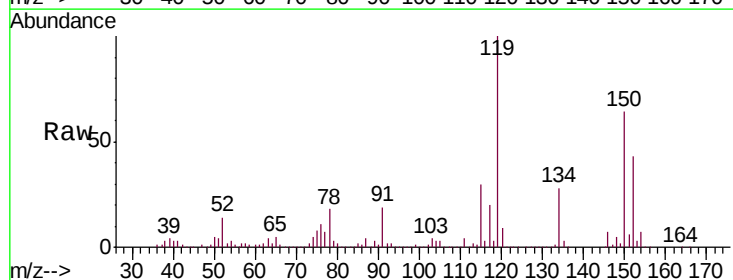
Tgt Ion:152 Resp: 302248

Ion Ratio Lower Upper

152 100

115 120.3 39.0 117.0#

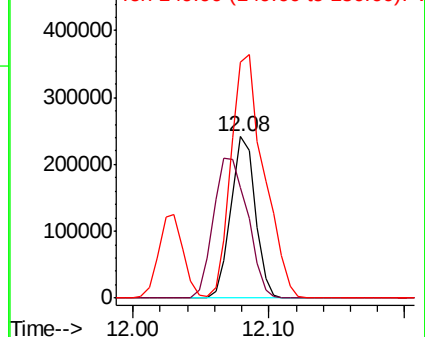
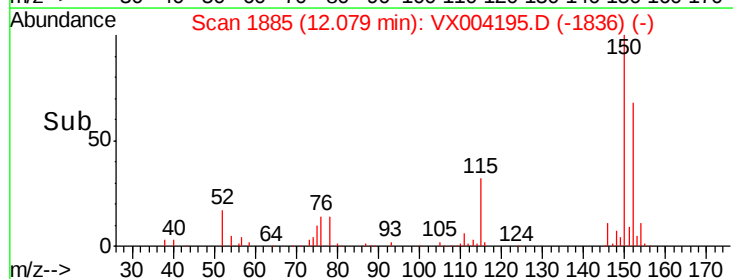
150 203.6 0.0 351.0

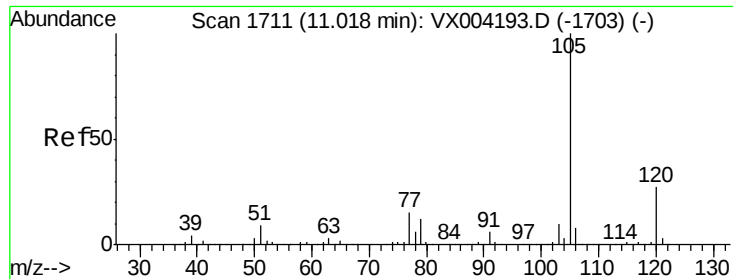


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 148.476 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

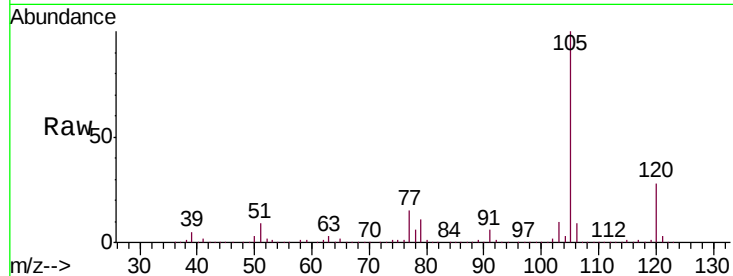
VSTDIC150

Tgt Ion:105 Resp: 2947432

Ion Ratio Lower Upper

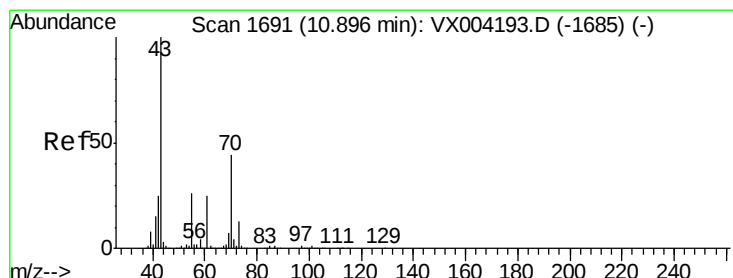
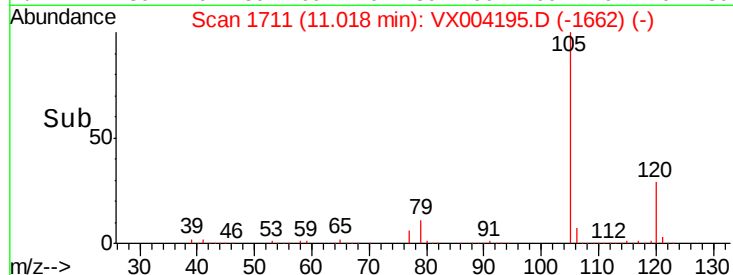
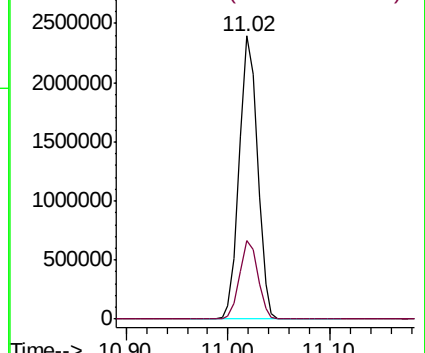
105 100

120 27.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 166.349 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Tgt Ion: 43 Resp: 1271463

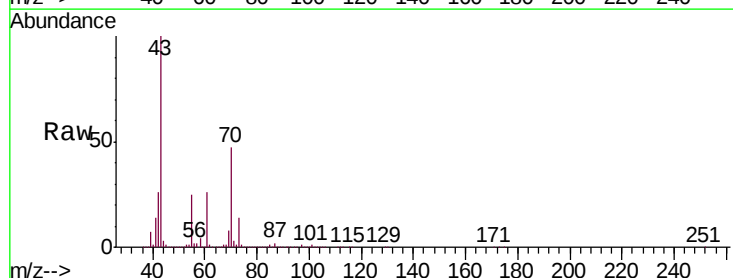
Ion Ratio Lower Upper

43 100

70 47.4 37.4 56.0

55 25.5 21.8 32.8

61 26.2 20.6 30.8

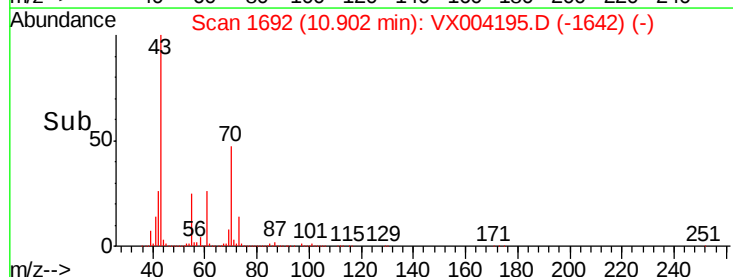
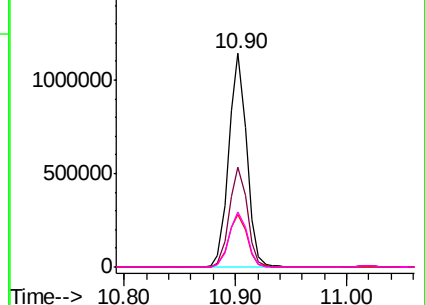


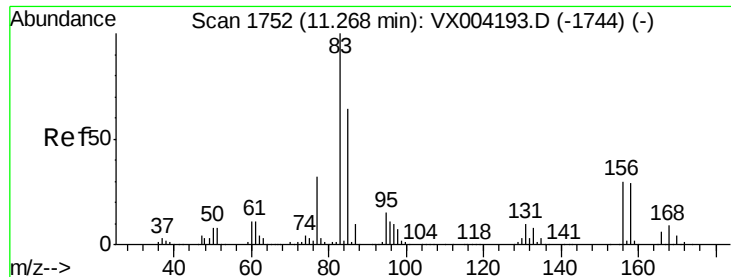
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 144.876 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

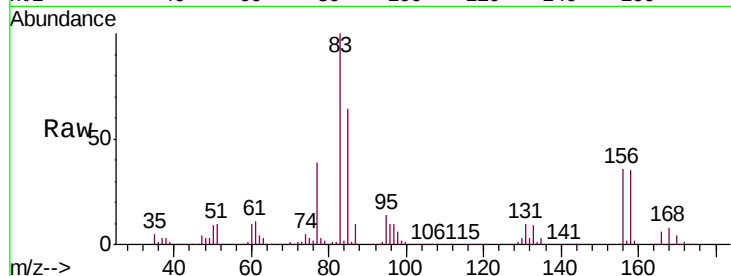
Tgt Ion: 83 Resp: 1006442

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

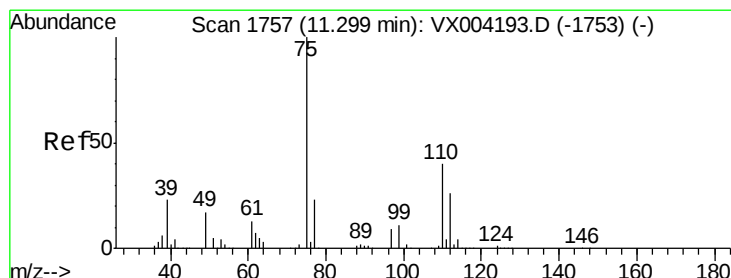
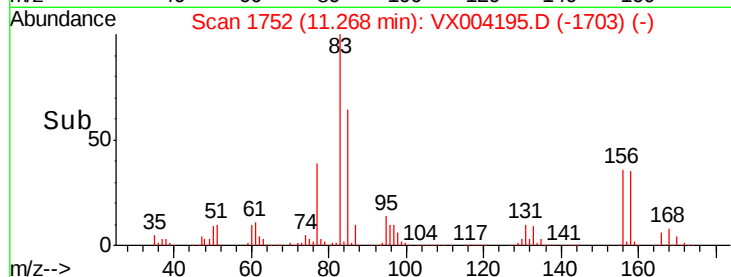
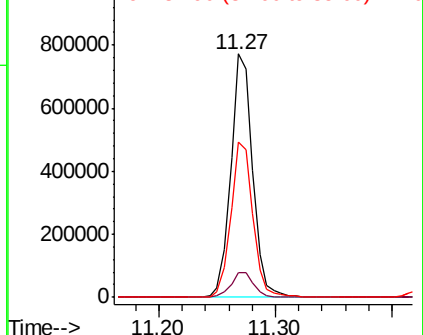
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 198.798 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004195.D

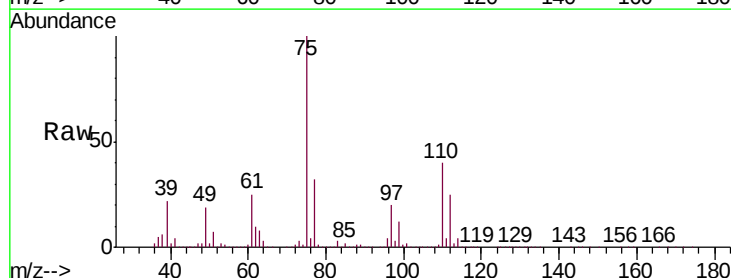
Acq: 22 Aug 2018 12:34

Tgt Ion: 75 Resp: 1186306

Ion Ratio Lower Upper

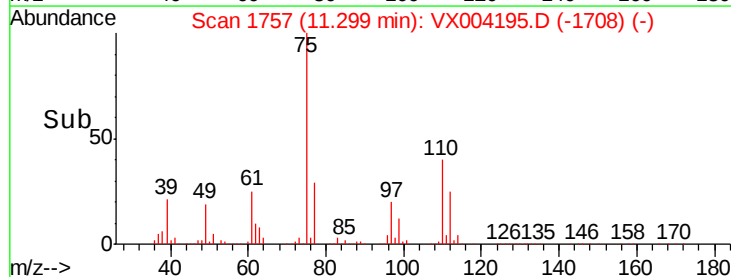
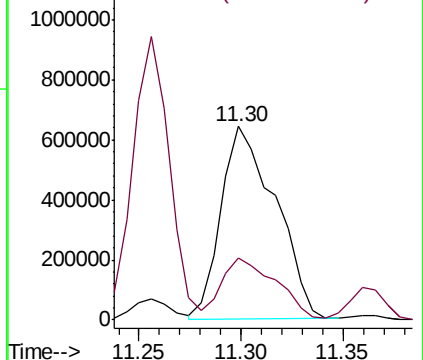
75 100

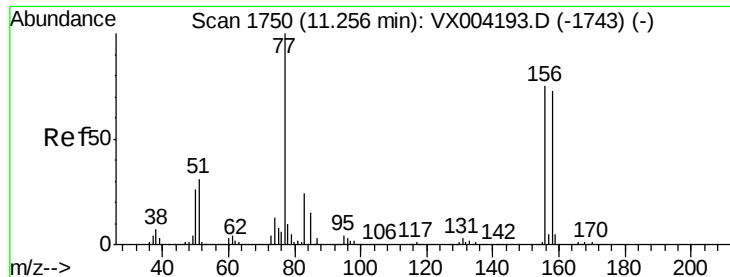
77 32.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 145.317 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

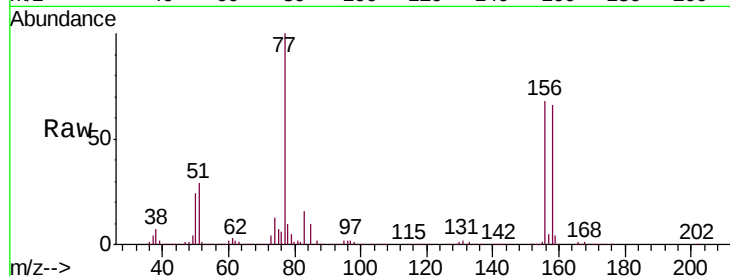
Tgt Ion:156 Resp: 809207

Ion Ratio Lower Upper

156 100

77 145.9 71.5 214.3

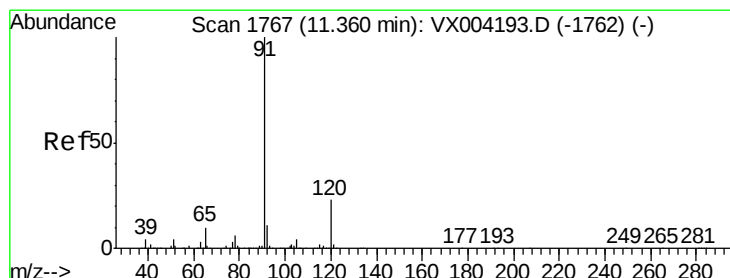
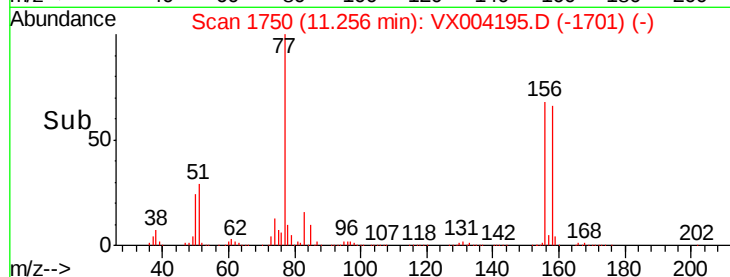
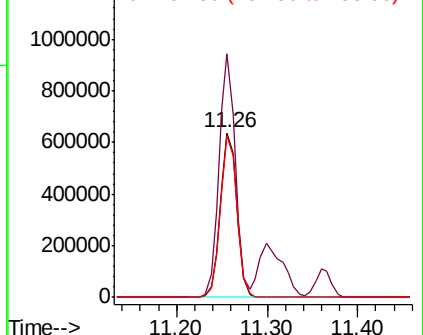
158 98.1 48.9 146.8



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: 149.751 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004195.D

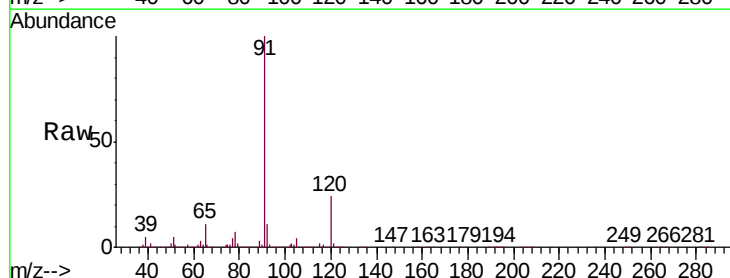
Acq: 22 Aug 2018 12:34

Tgt Ion: 91 Resp: 3419071

Ion Ratio Lower Upper

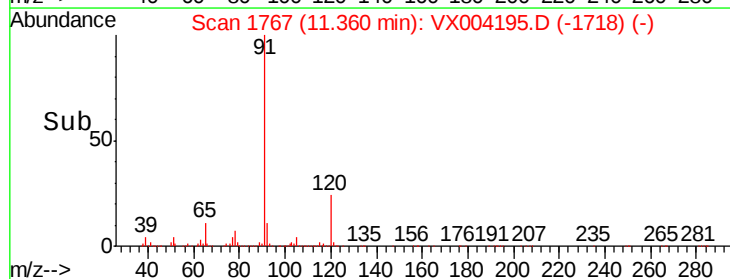
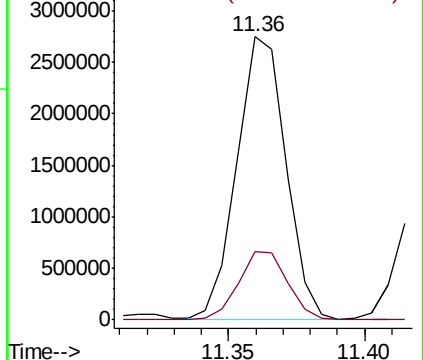
91 100

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

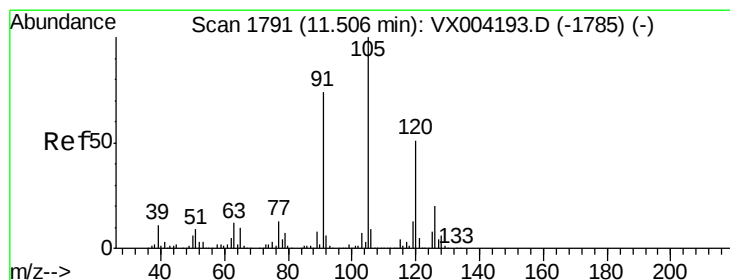
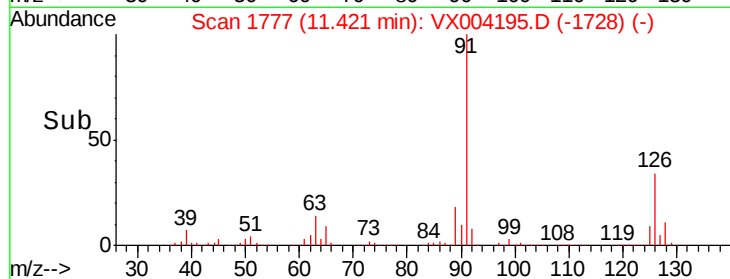
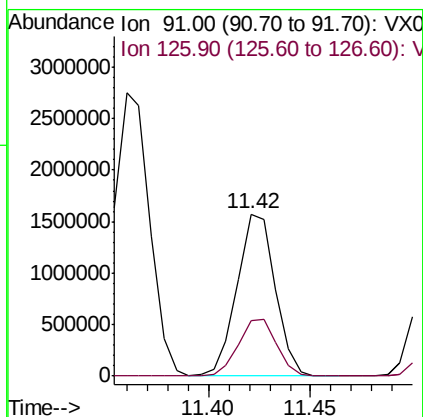
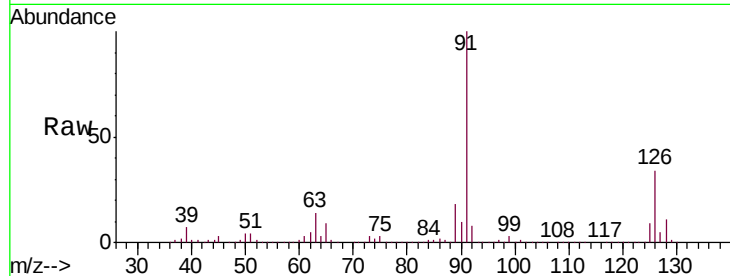




#79
 2-Chlorotoluene
 Concen: 144.991 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

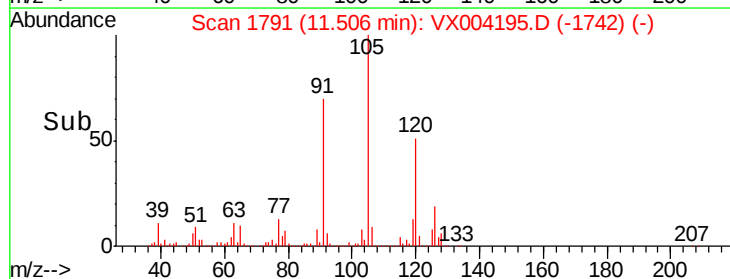
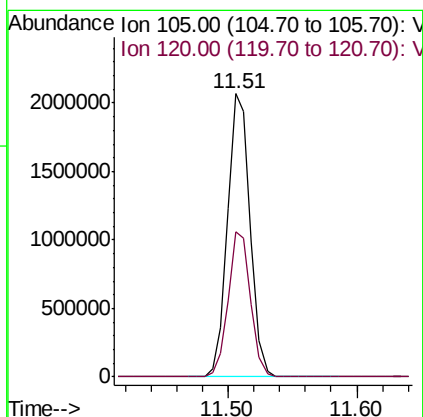
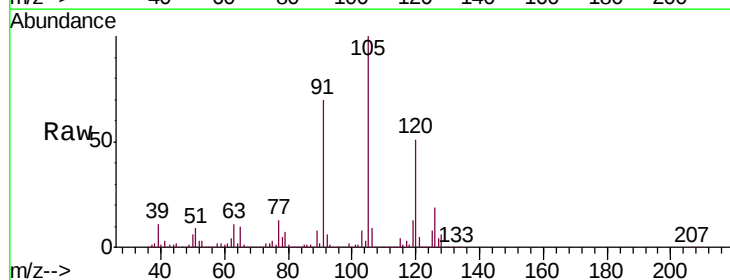
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

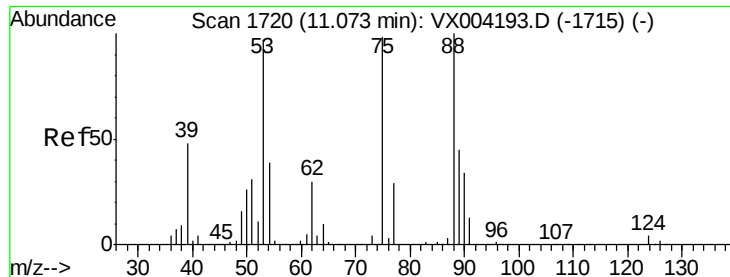
Tgt Ion: 91 Resp: 2037557
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 154.813 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion: 105 Resp: 2545064
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 178.580 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

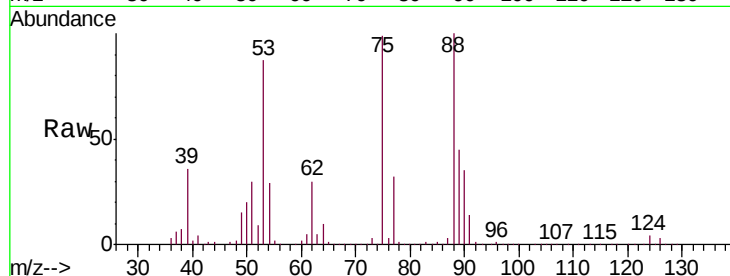
Tgt Ion: 75 Resp: 338337

Ion Ratio Lower Upper

75 100

53 90.7 80.1 120.1

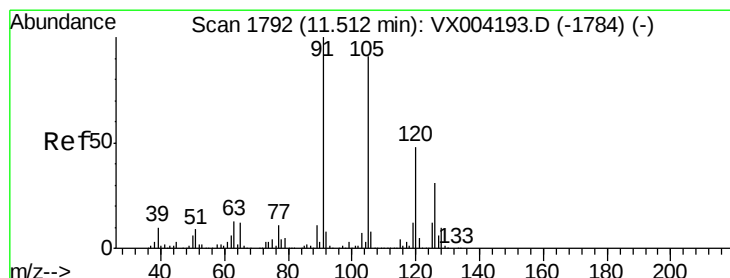
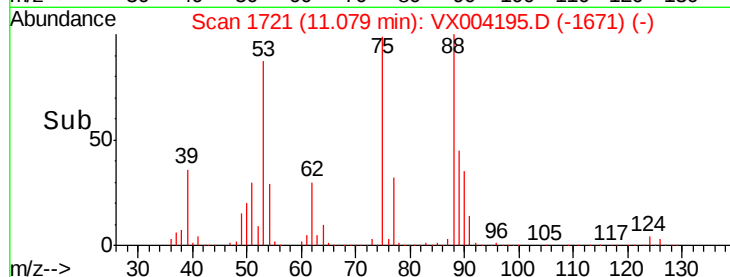
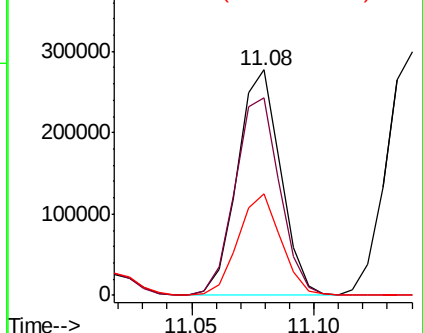
89 44.9 37.2 55.8



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: 147.827 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004195.D

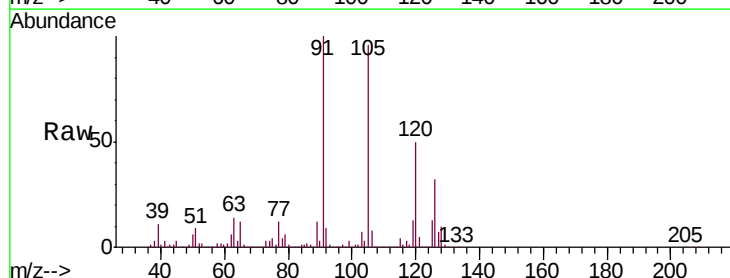
Acq: 22 Aug 2018 12:34

Tgt Ion: 91 Resp: 2444536

Ion Ratio Lower Upper

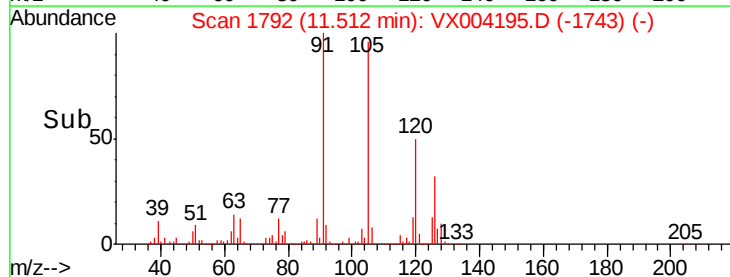
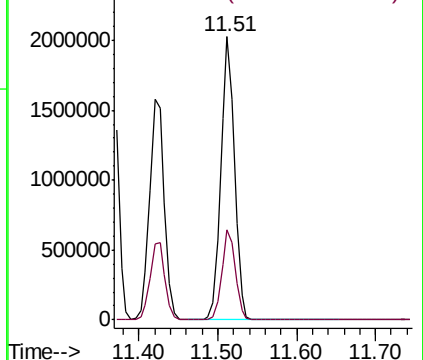
91 100

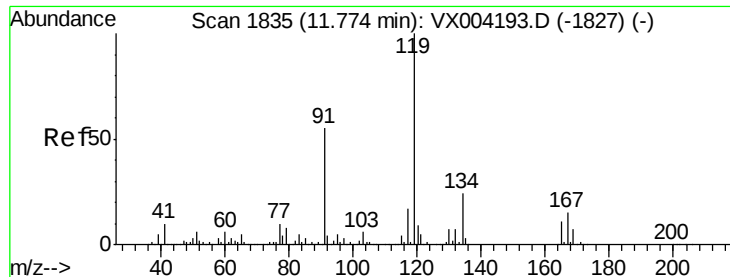
126 31.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

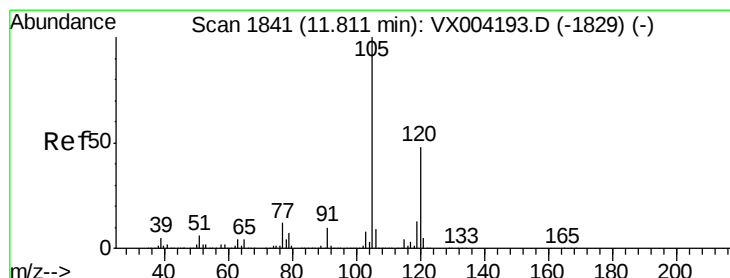
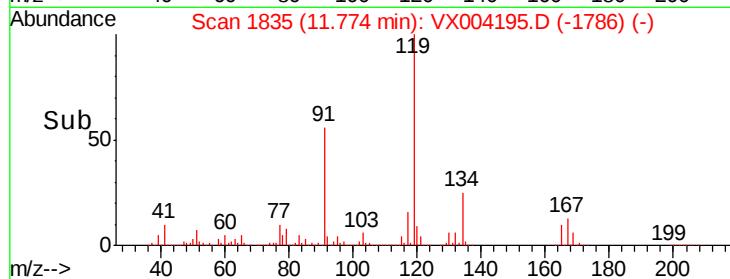
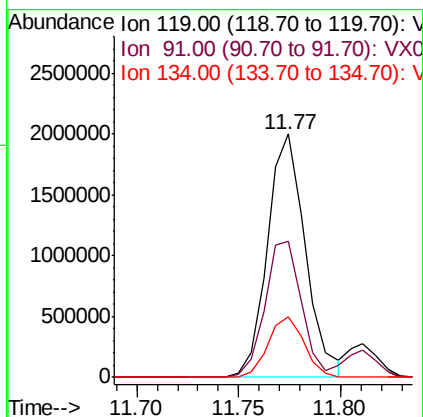
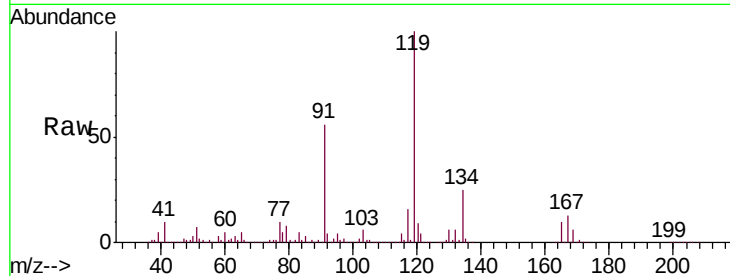




#83
 tert-Butylbenzene
 Concen: 156.559 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

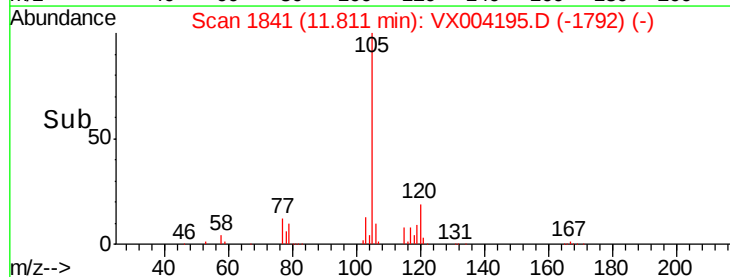
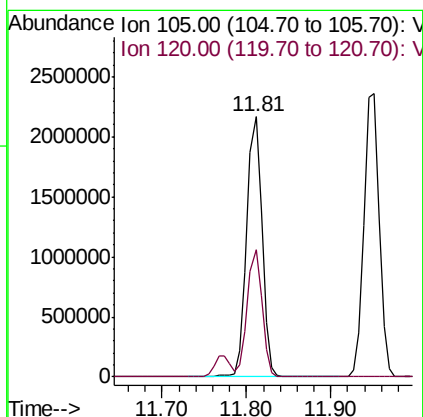
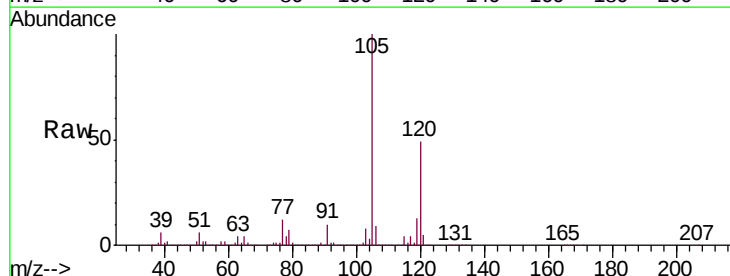
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

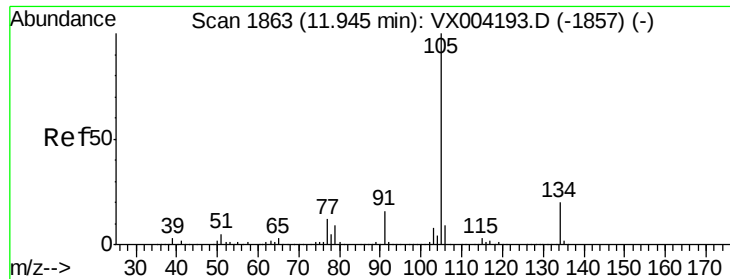
Tgt Ion:119 Resp: 2589528
 Ion Ratio Lower Upper
 119 100
 91 53.9 27.0 81.0
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 154.783 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion:105 Resp: 2611969
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 152.647 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

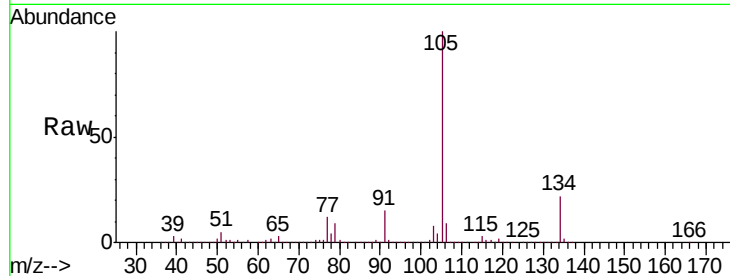
VSTDIC150

Tgt Ion:105 Resp: 2997546

Ion Ratio Lower Upper

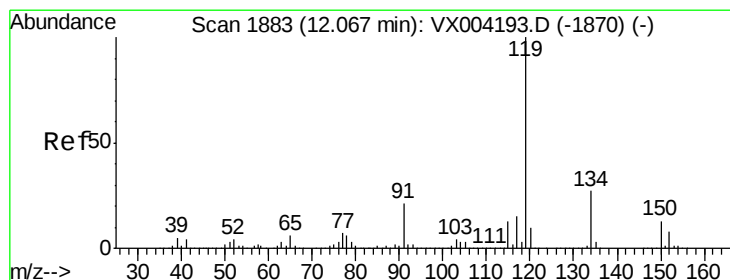
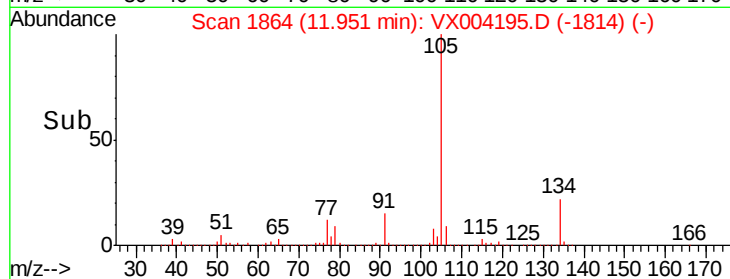
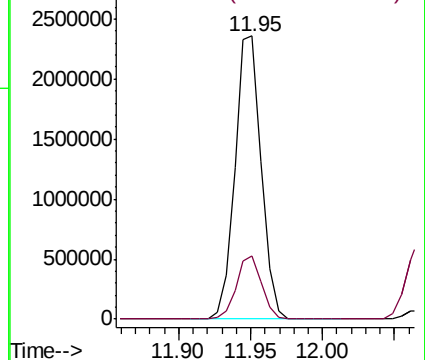
105 100

134 21.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 156.377 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

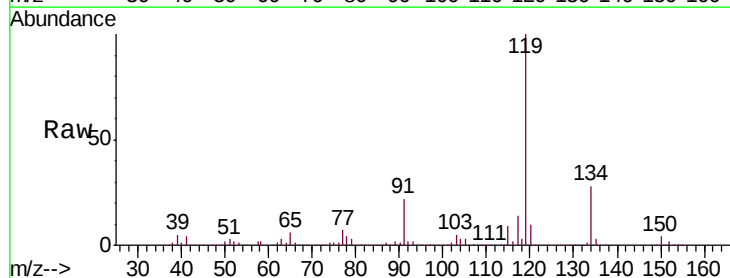
Tgt Ion:119 Resp: 2752002

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

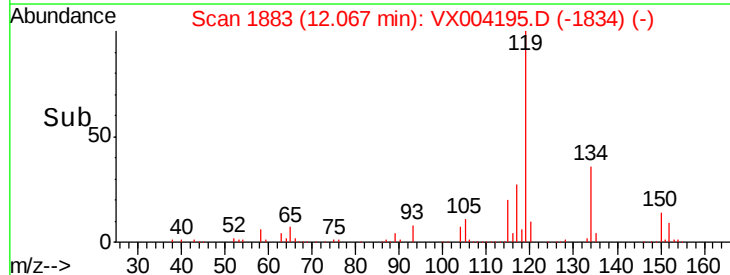
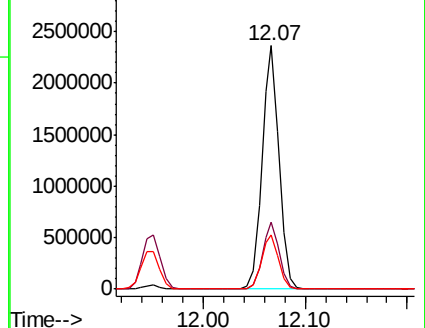
91 22.2 10.9 32.7

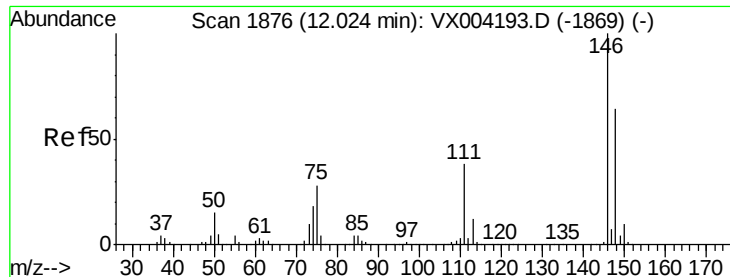


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

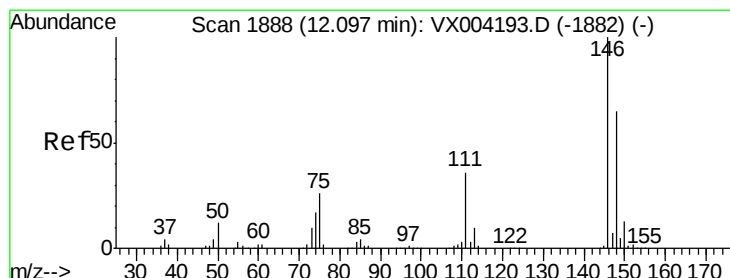
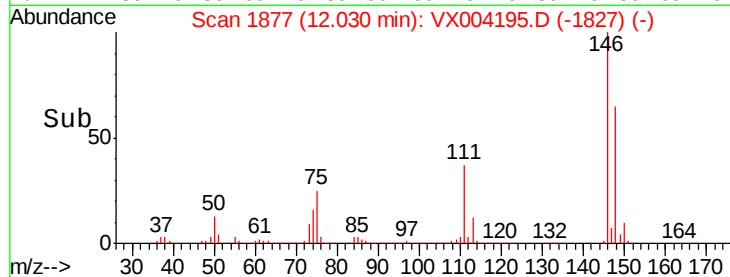
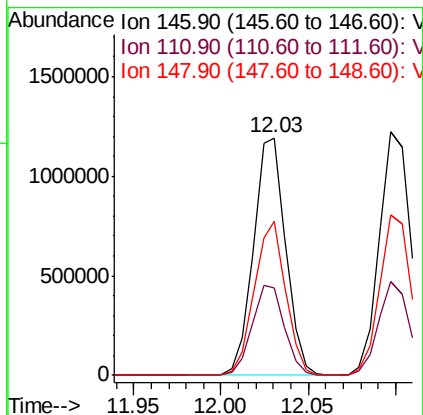
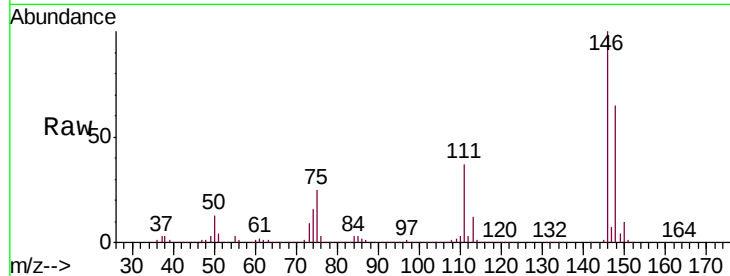




#87
 1,3-Dichlorobenzene
 Concen: 144.762 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

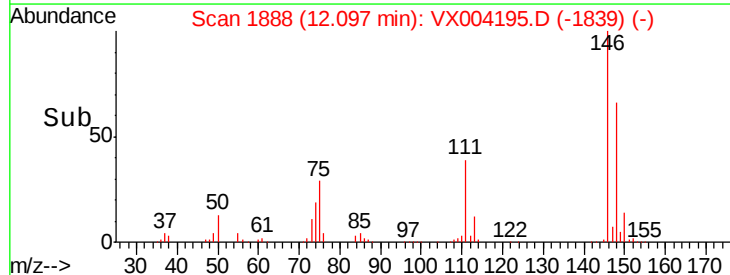
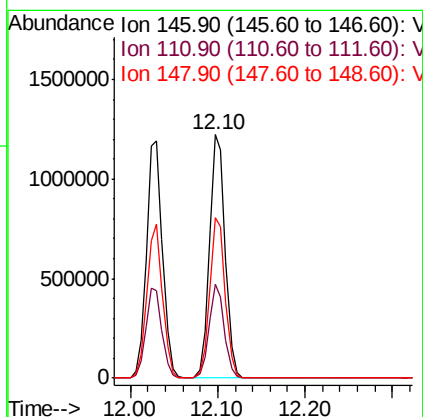
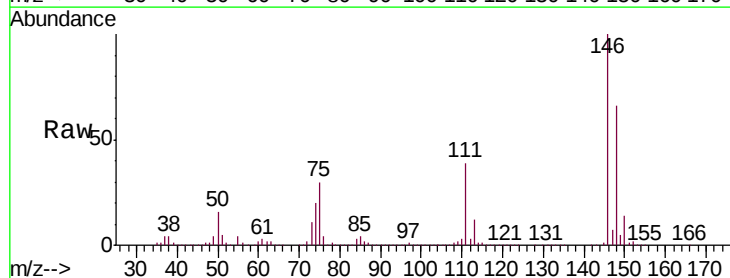
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1517738
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 138.419 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion:146 Resp: 1526128
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 65.3 32.0 96.0





#89

n-Butylbenzene

Concen: 160.440 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

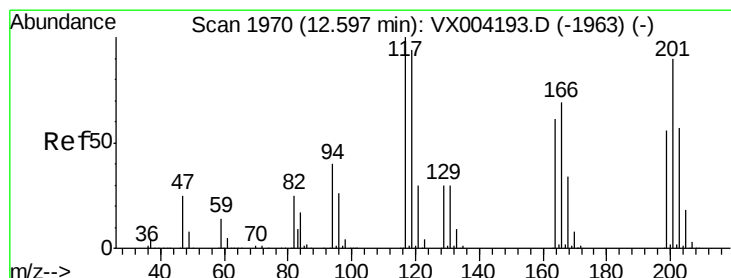
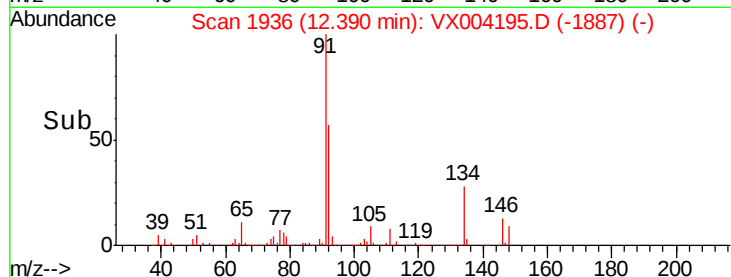
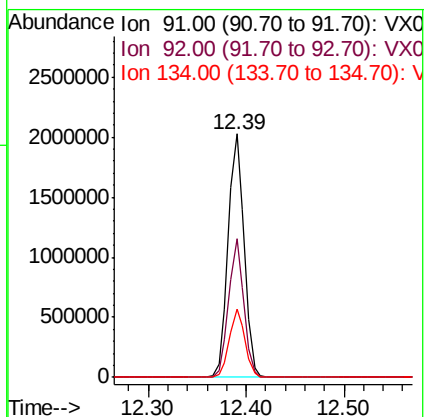
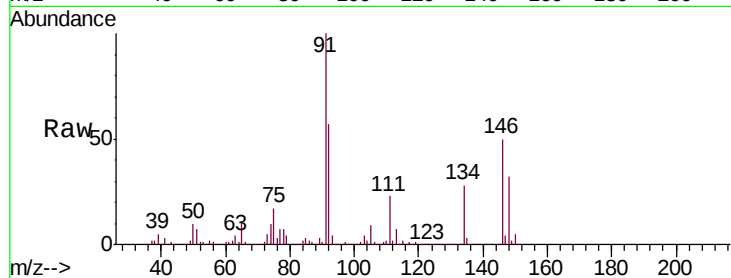
Tgt Ion: 91 Resp: 2295955

Ion Ratio Lower Upper

91 100

92 54.0 27.3 81.9

134 27.3 13.6 40.7



#90

Hexachloroethane

Concen: 165.454 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX004195.D

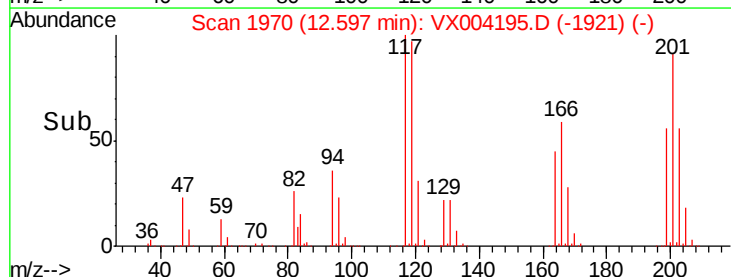
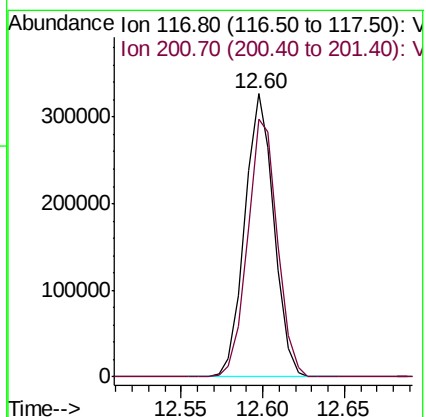
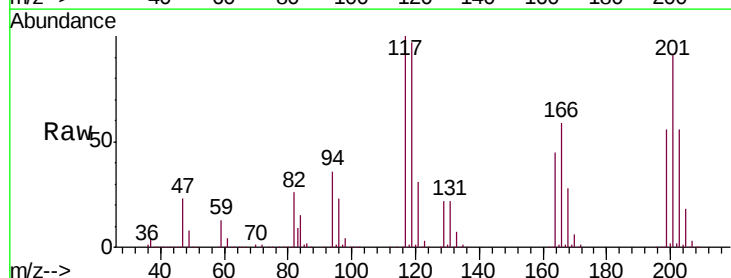
Acq: 22 Aug 2018 12:34

Tgt Ion: 117 Resp: 406976

Ion Ratio Lower Upper

117 100

201 93.2 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 146.465 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

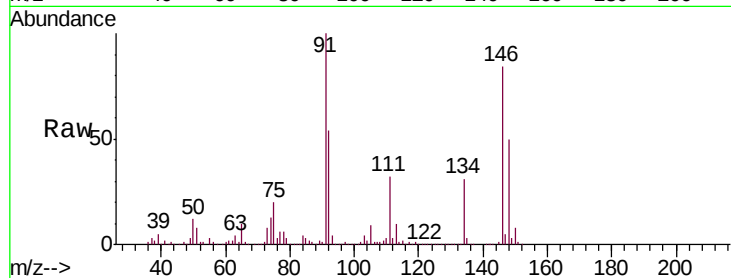
Tgt Ion:146 Resp: 1403459

Ion Ratio Lower Upper

146 100

111 40.7 19.4 58.1

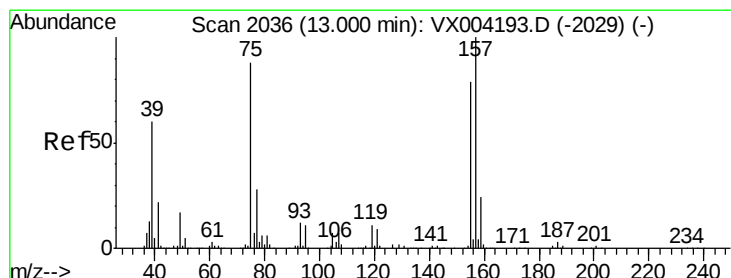
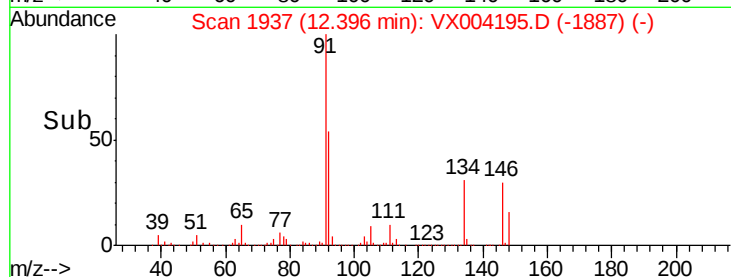
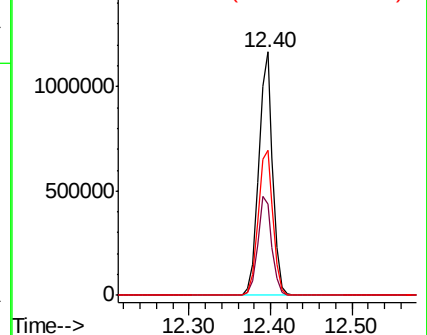
148 63.5 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 158.316 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX004195.D

Acq: 22 Aug 2018 12:34

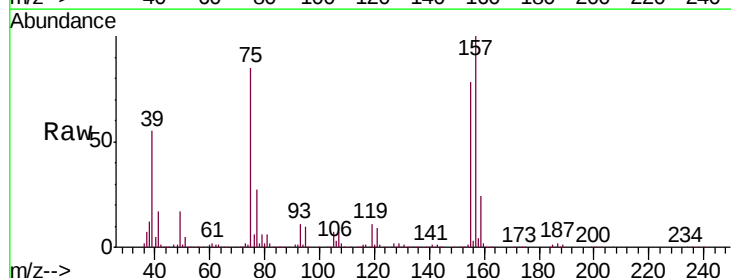
Tgt Ion: 75 Resp: 193714

Ion Ratio Lower Upper

75 100

155 97.7 48.0 144.2

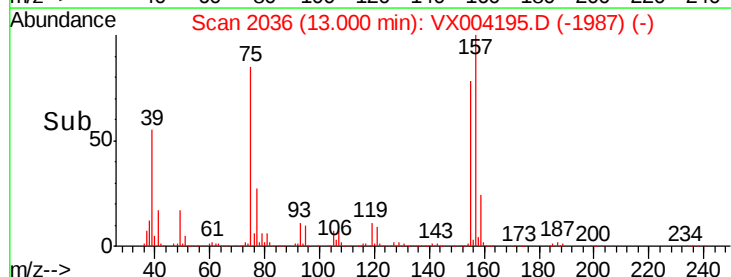
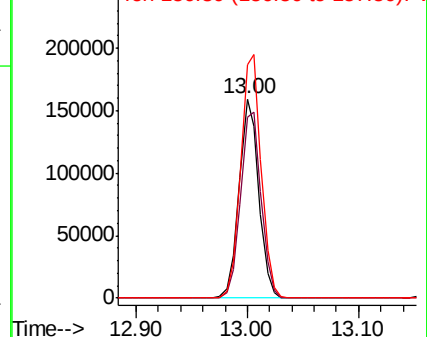
157 126.8 61.4 184.1

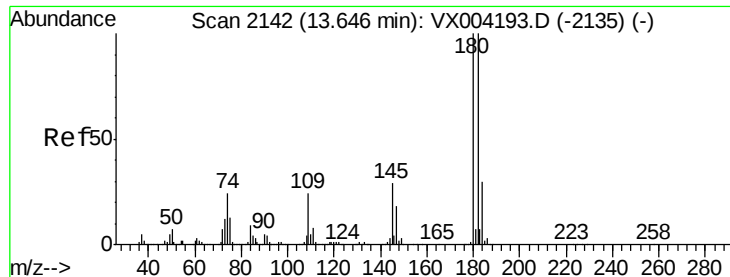


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

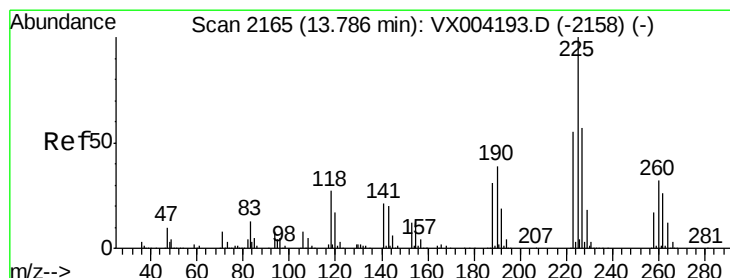
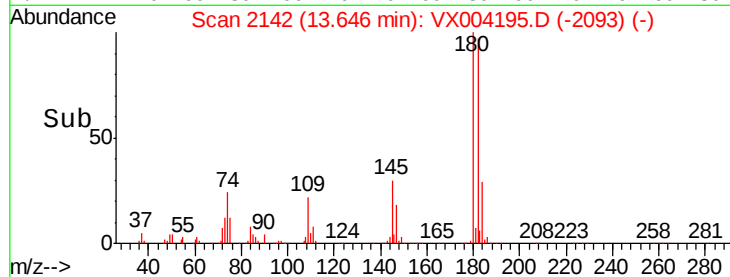
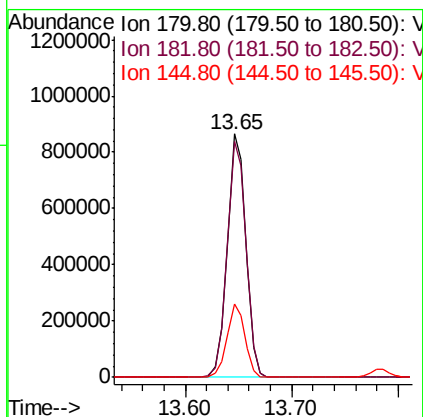
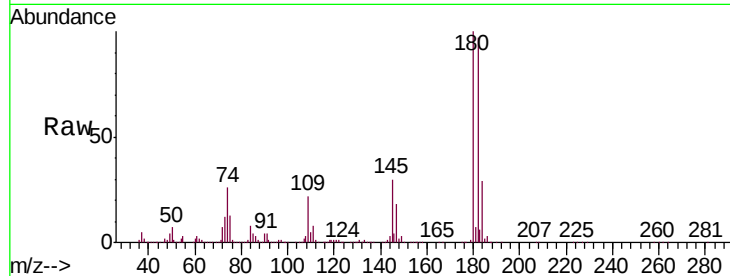




#93
 1,2,4-Trichlorobenzene
 Concen: 151.360 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1055271
 Ion Ratio Lower Upper
 180 100
 182 98.8 48.4 145.0
 145 29.2 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 141.541 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004195.D
 Acq: 22 Aug 2018 12:34

Tgt Ion:225 Resp: 484455
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.1 90.5
 227 62.6 30.8 92.4

