

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004026.D
 Acq On : 14 Aug 2018 12:27
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 24 06:37:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	486020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	454499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	294679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	442480	96.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.26%	
35) Dibromofluoromethane	5.51	113	356107	97.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.80%	
50) Toluene-d8	8.72	98	1465832	99.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.78%	
62) 4-Bromofluorobenzene	11.14	95	554583	103.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	315435	99.709	ug/l	100
3) Chloromethane	1.32	50	363119	93.534	ug/l	99
4) Vinyl Chloride	1.40	62	404188	96.226	ug/l	99
5) Bromomethane	1.64	94	207697	97.746	ug/l	98
6) Chloroethane	1.71	64	278875	102.814	ug/l	98
7) Trichlorofluoromethane	1.92	101	558619	94.804	ug/l	99
8) Diethyl Ether	2.18	74	246106	95.671	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	345340	93.947	ug/l	100
10) Methyl Iodide	2.51	142	405040	97.840	ug/l	100
11) Tert butyl alcohol	3.06	59	453015	491.297	ug/l	100
12) 1,1-Dichloroethene	2.37	96	329136	96.272	ug/l	96
13) Acrolein	2.29	56	314826	492.150	ug/l	99
14) Allyl chloride	2.73	41	626452	96.300	ug/l	97
15) Acrylonitrile	3.15	53	1113758	484.452	ug/l	100
16) Acetone	2.44	43	1101273	462.588	ug/l	100
17) Carbon Disulfide	2.57	76	948536	97.816	ug/l	99
18) Methyl Acetate	2.77	43	497657	94.068	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1161191	96.402	ug/l	99
20) Methylene Chloride	2.85	84	382373	98.861	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	365701	94.186	ug/l	97
22) Diisopropyl ether	3.87	45	1229014	96.415	ug/l	99
23) Vinyl Acetate	3.82	43	5243487	500.824	ug/l	100
24) 1,1-Dichloroethane	3.70	63	681499	94.389	ug/l	100
25) 2-Butanone	4.70	43	1870159	482.805	ug/l	100
26) 2,2-Dichloropropane	4.59	77	540541	94.167	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	415718	95.214	ug/l	100
28) Bromochloromethane	5.02	49	313166	94.538	ug/l	96
29) Tetrahydrofuran	5.15	42	946371	478.199	ug/l	98
30) Chloroform	5.21	83	661621	93.893	ug/l	99
31) Cyclohexane	5.57	56	612229	96.726	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	574247	97.522	ug/l	99
36) 1,1-Dichloropropene	5.80	75	531053	96.023	ug/l	99
37) Ethyl Acetate	4.85	43	575300	95.523	ug/l	100
38) Carbon Tetrachloride	5.79	117	520974	96.956	ug/l	98

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 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	646351	103.017	ug/l	98
40) Benzene	6.15	78	1594118	95.991	ug/l	100
41) Methacrylonitrile	5.06	41	315351	93.493	ug/l	99
42) 1,2-Dichloroethane	6.20	62	542166	93.266	ug/l	100
43) Isopropyl Acetate	6.46	43	898786	101.245	ug/l	100
44) Trichloroethene	7.21	130	434745	96.430	ug/l	94
45) 1,2-Dichloropropane	7.52	63	409225	96.258	ug/l	99
46) Dibromomethane	7.66	93	267329	96.222	ug/l	99
47) Bromodichloromethane	7.90	83	530019	100.728	ug/l	99
48) Methyl methacrylate	7.78	41	472561	105.747	ug/l	99
49) 1,4-Dioxane	7.76	88	208575	2073.070	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	3754604	515.814	ug/l	99
52) Toluene	8.79	92	1037528	98.786	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	617019	108.546	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	661487	105.078	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	412056	95.005	ug/l	100
56) Ethyl methacrylate	9.18	69	656819	111.364	ug/l	100
57) 1,3-Dichloropropane	9.37	76	698574	97.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1633581	543.937	ug/l	99
59) 2-Hexanone	9.50	43	2867542	523.443	ug/l	99
60) Dibromochloromethane	9.59	129	434740	104.158	ug/l	100
61) 1,2-Dibromoethane	9.68	107	437693	98.993	ug/l	99
64) Tetrachloroethene	9.34	164	412052	95.655	ug/l	94
65) Chlorobenzene	10.14	112	1107554	94.338	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	410763	102.583	ug/l	100
67) Ethyl Benzene	10.25	91	1924826	103.536	ug/l	96
68) m/p-Xylenes	10.36	106	1552711	213.283	ug/l	91
69) o-Xylene	10.70	106	754515	108.448	ug/l	96
70) Styrene	10.71	104	1296063	110.690	ug/l	98
71) Bromoform	10.86	173	354682	111.703	ug/l	99
73) Isopropylbenzene	11.02	105	2019053	101.248	ug/l	96
74) N-amyl acetate	6.46	43	898786	95.823	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	650992	93.480	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	772442	130.710	ug/l	85
77) Bromobenzene	11.26	156	534824	97.289	ug/l	99
78) n-propylbenzene	11.36	91	2308918	103.461	ug/l	100
79) 2-Chlorotoluene	11.42	91	1323743	97.333	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1704749	104.403	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	215803	113.042	ug/l	95
82) 4-Chlorotoluene	11.51	91	1623077	100.962	ug/l	100
83) tert-Butylbenzene	11.77	119	1721933	104.592	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1752489	103.627	ug/l	99
85) sec-Butylbenzene	11.95	105	2028662	105.282	ug/l	99
86) p-Isopropyltoluene	12.07	119	1843557	105.684	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	981326	93.597	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	996001	92.302	ug/l	100
89) n-Butylbenzene	12.39	91	1424883	103.661	ug/l	99
90) Hexachloroethane	12.60	117	265430	101.694	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	853966	90.314	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	125063	102.181	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 24 06:37:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

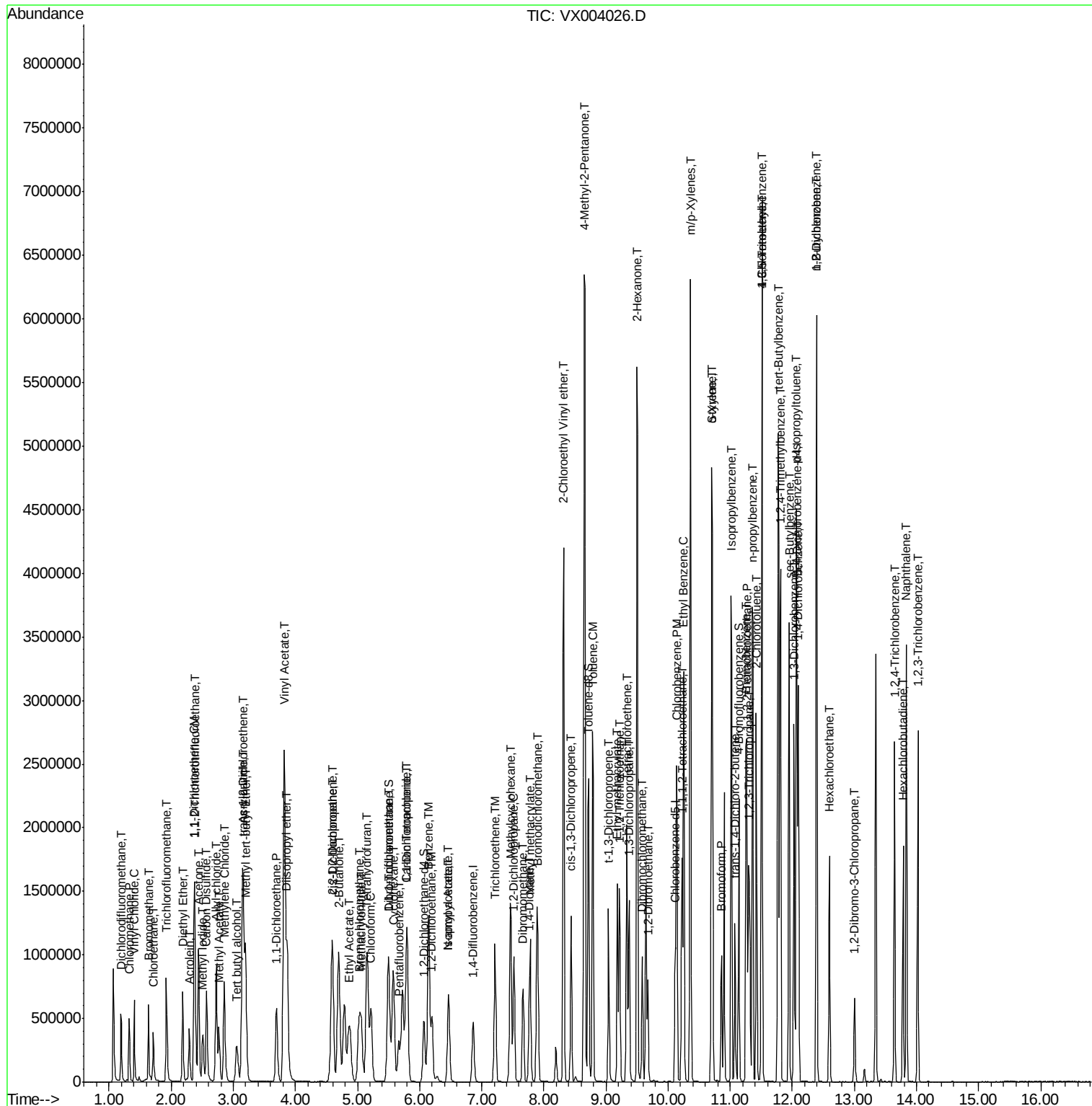
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	664495	102.806	ug/l	97
94) Hexachlorobutadiene	13.79	225	317950	98.133	ug/l	97
95) Naphthalene	13.83	128	2063855	99.021	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	733064	104.010	ug/l	99

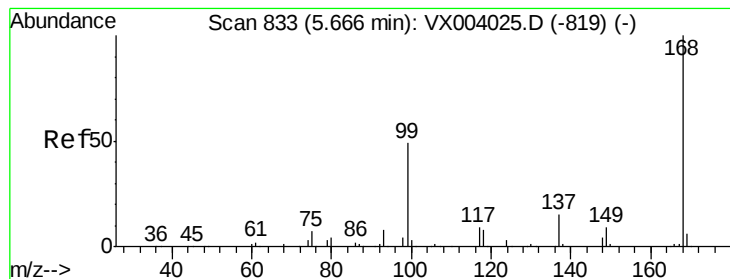
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004026.D
 Acq On : 14 Aug 2018 12:27
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDIC100

Quant Time: Aug 24 06:37:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

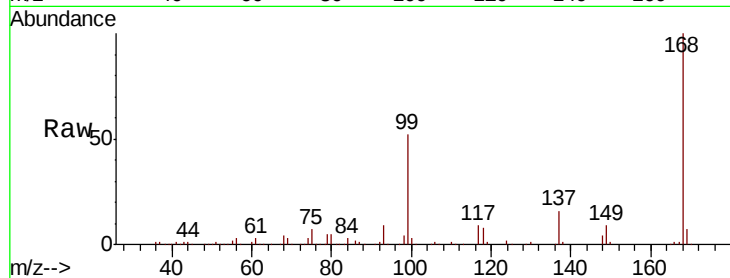
VSTDIC100

Tgt Ion:168 Resp: 324988

Ion Ratio Lower Upper

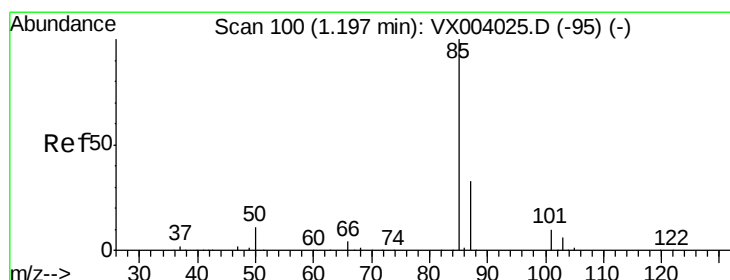
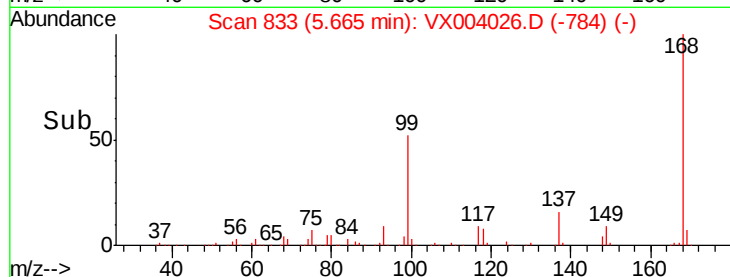
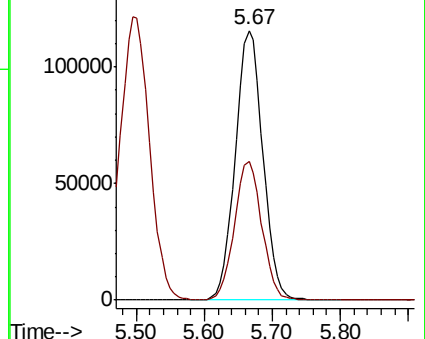
168 100

99 51.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 99.709 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004026.D

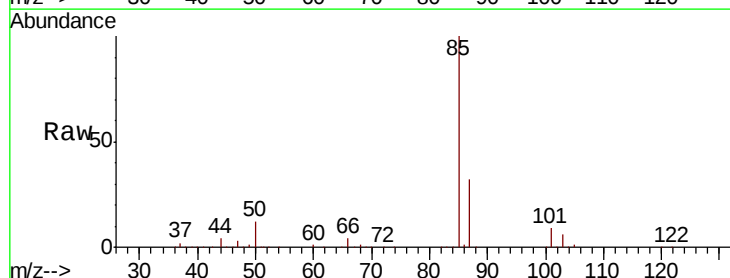
Acq: 14 Aug 2018 12:27

Tgt Ion: 85 Resp: 315435

Ion Ratio Lower Upper

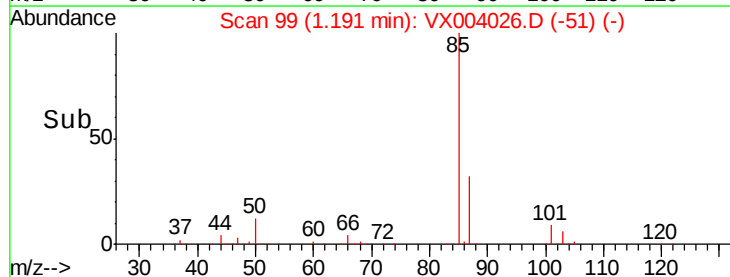
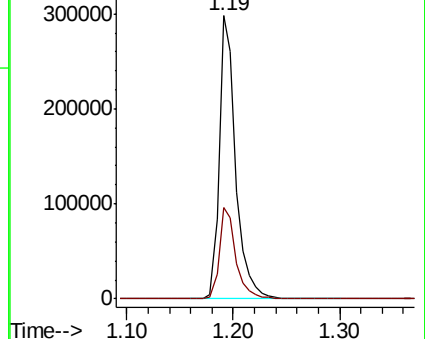
85 100

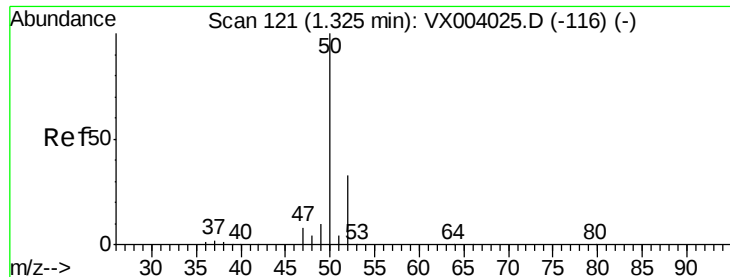
87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 93.534 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

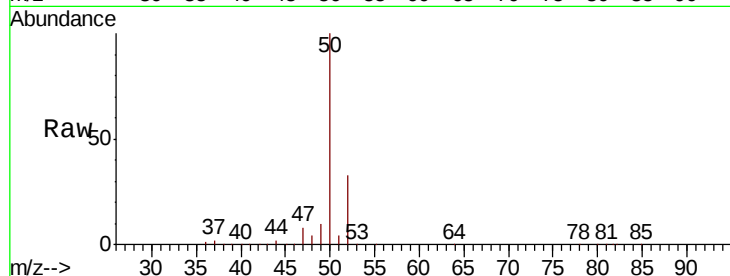
VSTDIC100

Tgt Ion: 50 Resp: 363119

Ion Ratio Lower Upper

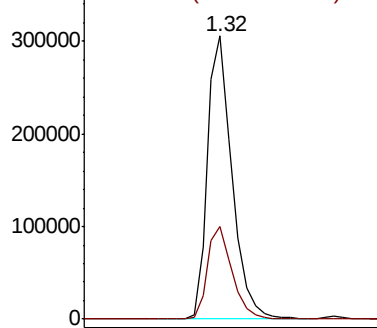
50 100

52 32.6 26.6 39.8

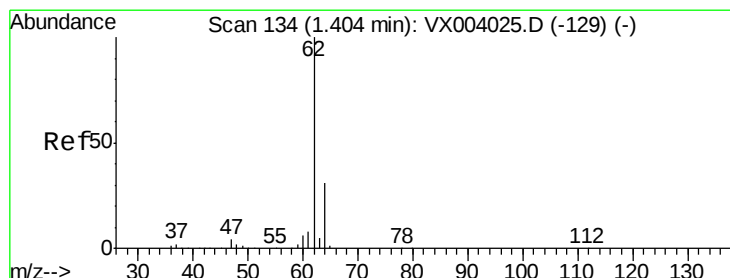
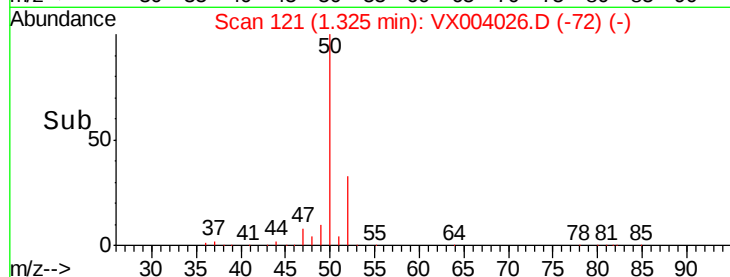


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 96.226 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004026.D

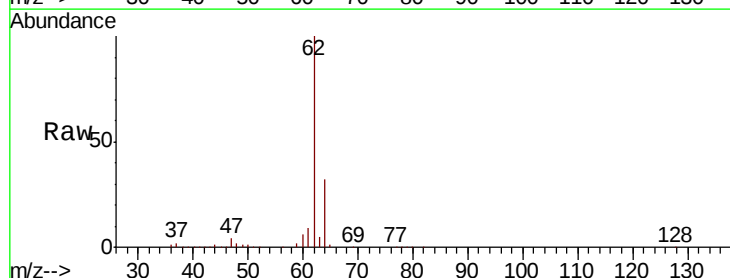
Acq: 14 Aug 2018 12:27

Tgt Ion: 62 Resp: 404188

Ion Ratio Lower Upper

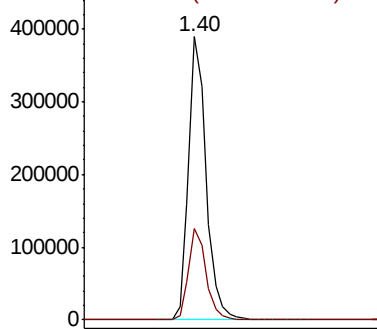
62 100

64 32.1 26.0 39.0

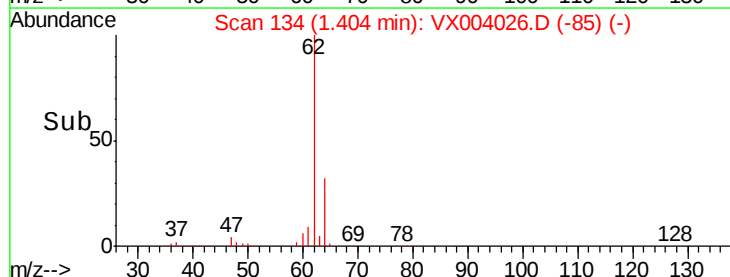


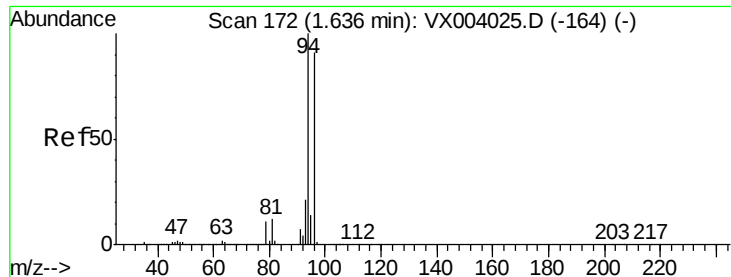
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 97.746 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

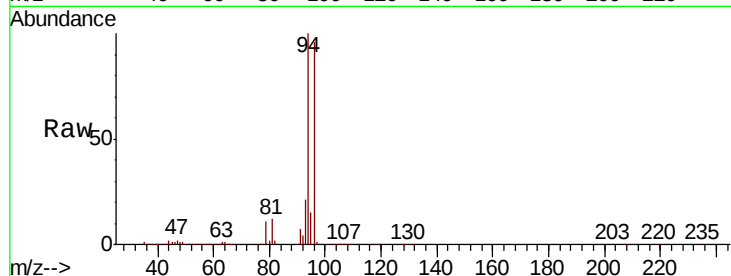
VSTDIC100

Tgt Ion: 94 Resp: 207697

Ion Ratio Lower Upper

94 100

96 96.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250000

200000

150000

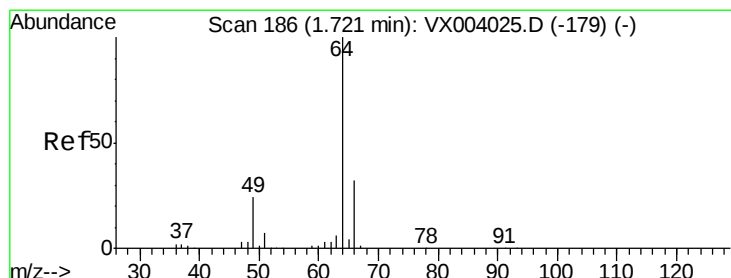
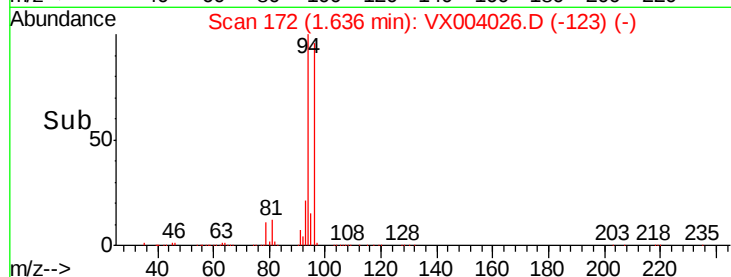
100000

50000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 102.814 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX004026.D

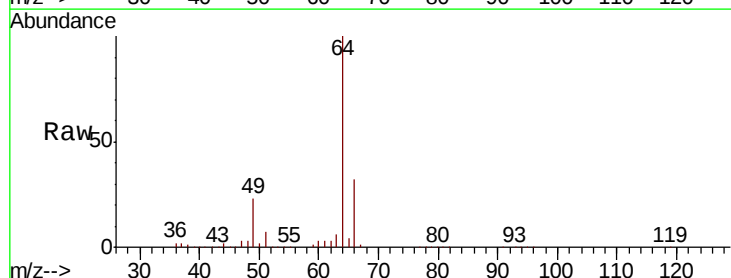
Acq: 14 Aug 2018 12:27

Tgt Ion: 64 Resp: 278875

Ion Ratio Lower Upper

64 100

66 31.9 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

200000

150000

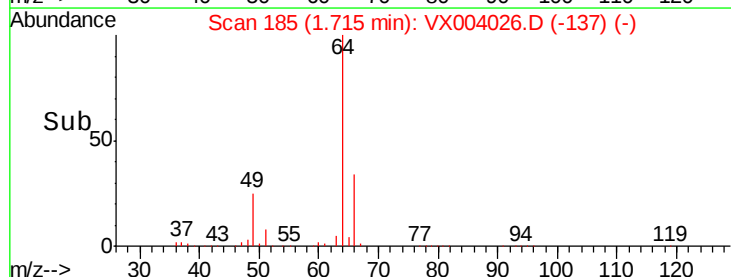
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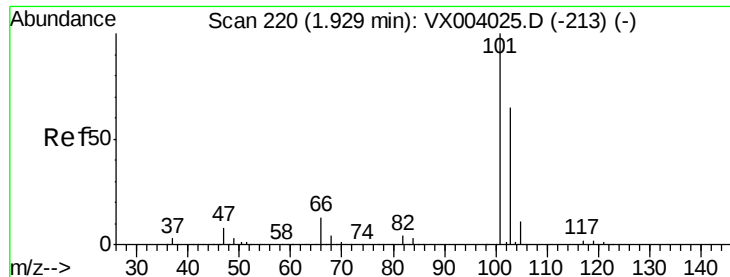
50000

0

1.60 1.70 1.80

Time-->



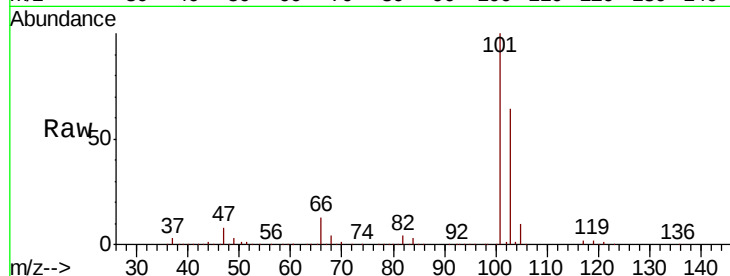


#7

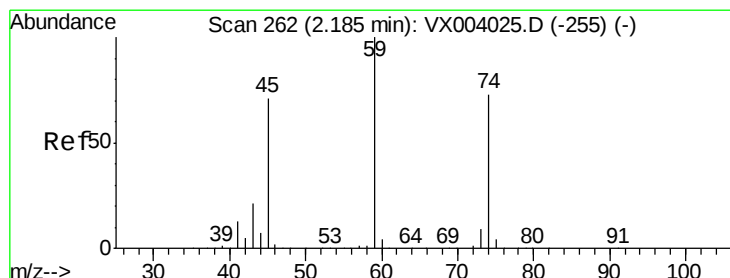
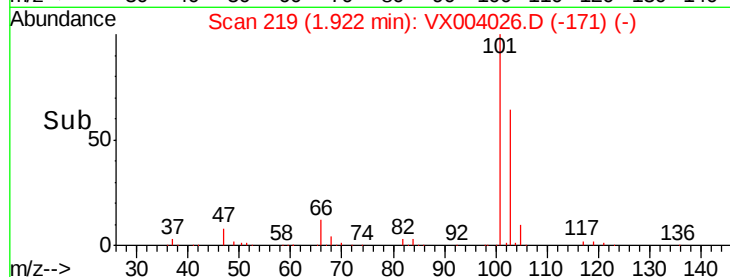
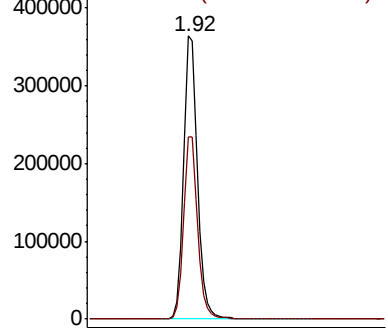
Trichlorofluoromethane
 Concen: 94.804 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion: 101 Resp: 558619
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5



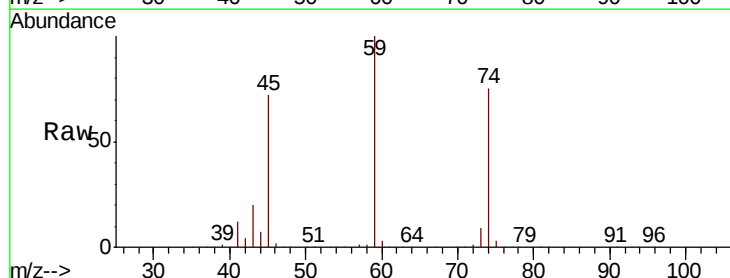
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



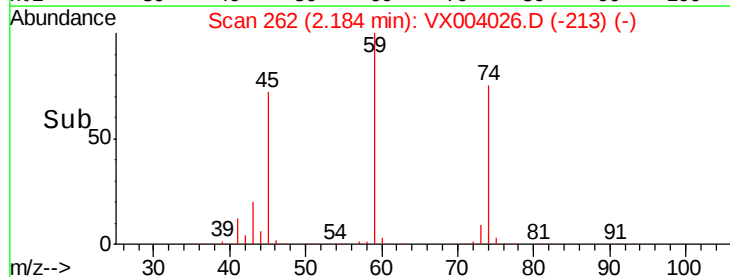
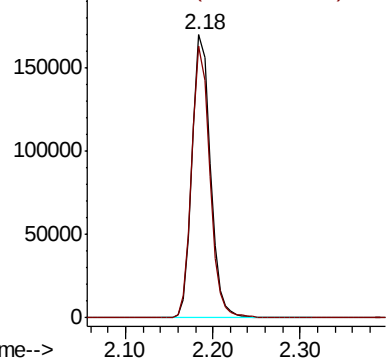
#8

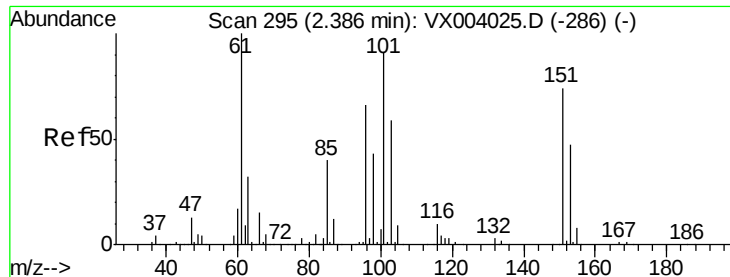
Diethyl Ether
 Concen: 95.671 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion: 74 Resp: 246106
 Ion Ratio Lower Upper
 74 100
 45 94.7 48.3 144.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.947 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

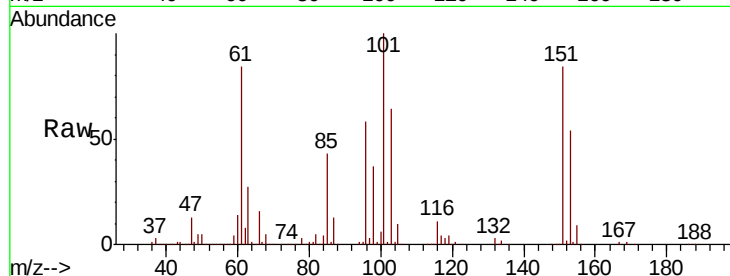
Tgt Ion:101 Resp: 345340

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.4

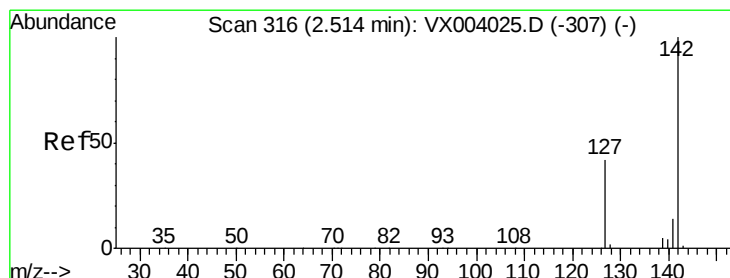
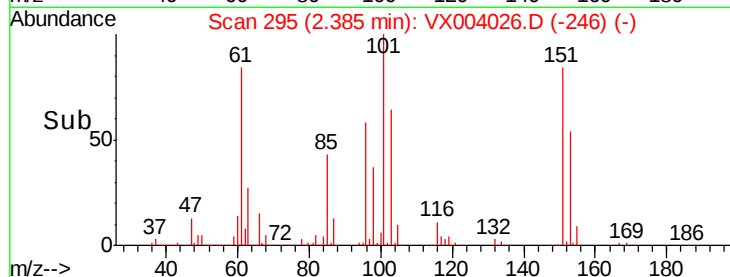
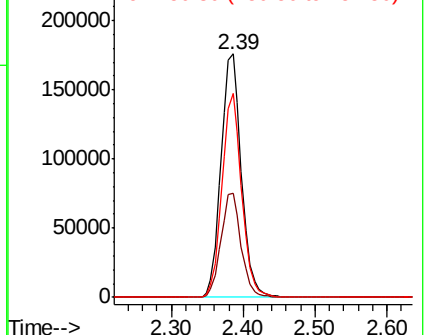
151 81.4 65.0 97.4



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: 97.840 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

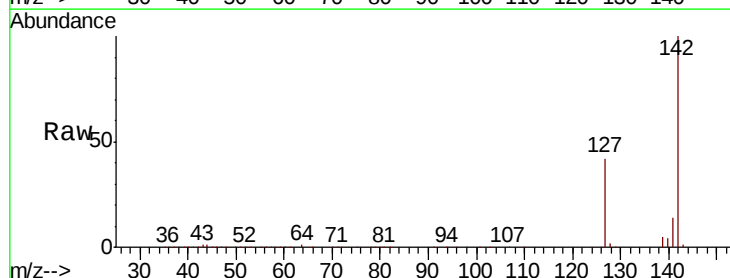
Tgt Ion:142 Resp: 405040

Ion Ratio Lower Upper

142 100

127 41.3 33.1 49.7

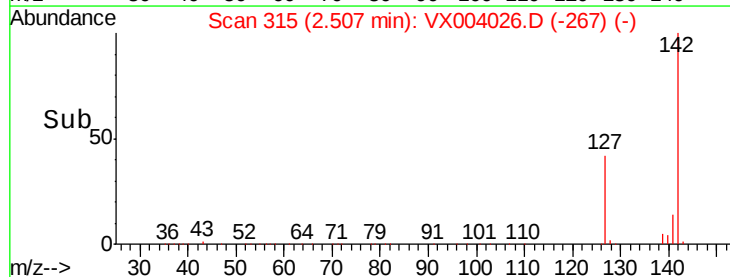
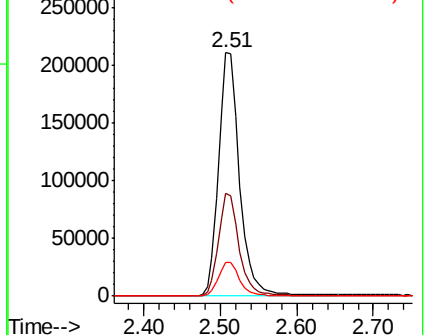
141 14.1 11.1 16.7

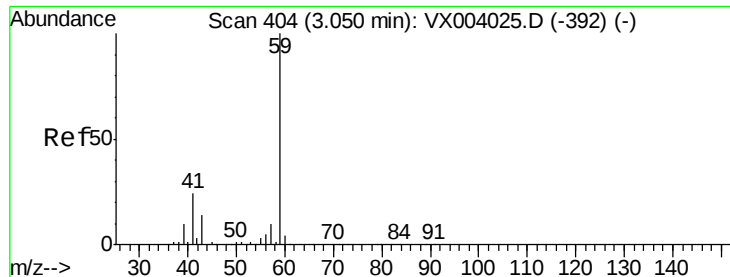


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



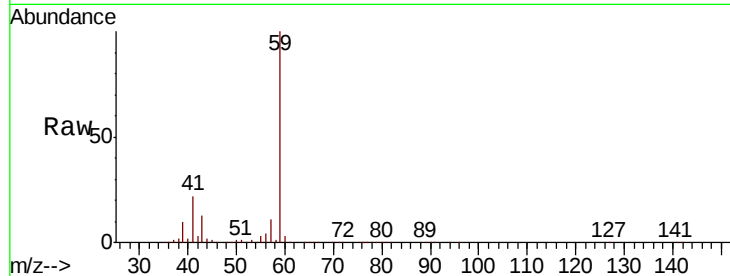


#11

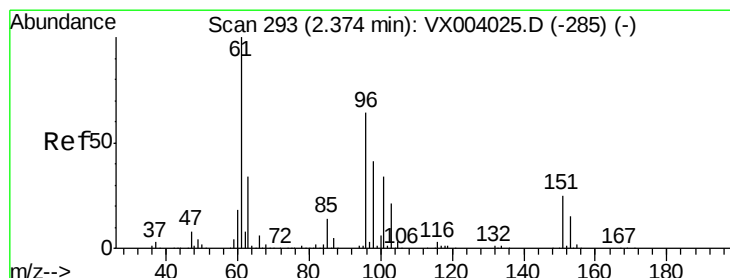
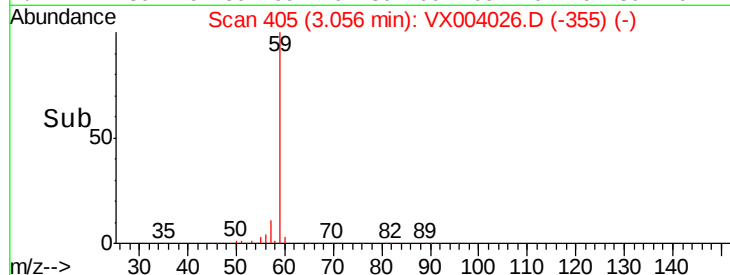
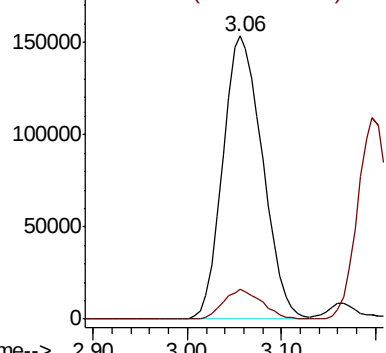
Tert butyl alcohol
 Concen: 491.297 ug/l
 RT: 3.06 min Scan# 405
 Delta R.T. 0.01 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 59 Resp: 453015
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1



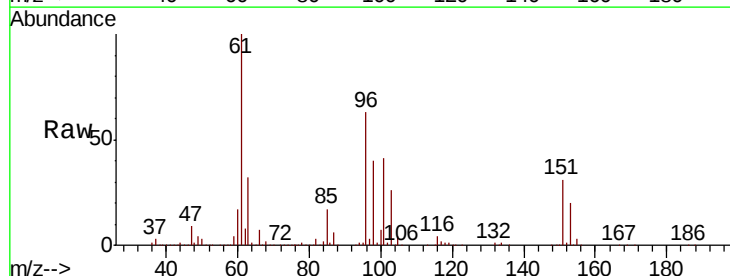
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



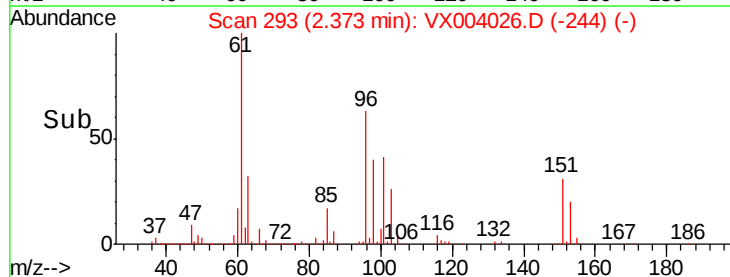
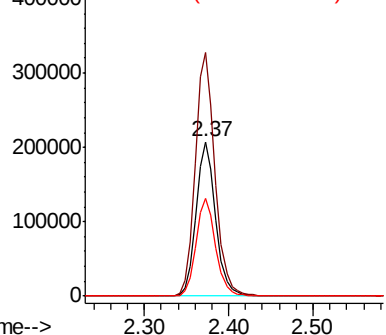
#12

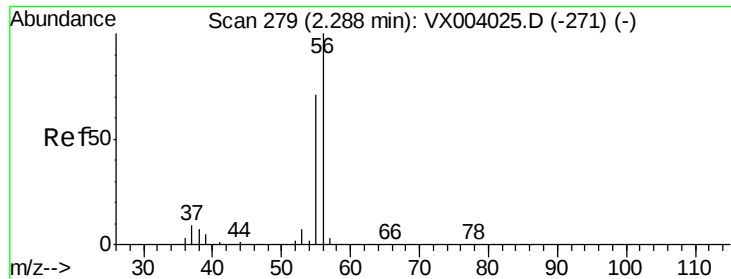
1,1-Dichloroethene
 Concen: 96.272 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion: 96 Resp: 329136
 Ion Ratio Lower Upper
 96 100
 61 158.1 131.3 196.9
 98 63.3 51.8 77.6



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





#13

Acrolein

Concen: 492.150 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

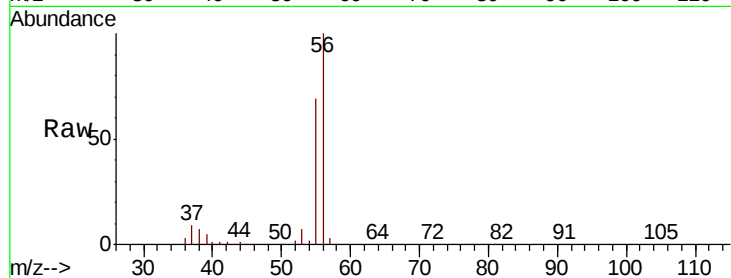
VSTDIC100

Tgt Ion: 56 Resp: 314826

Ion Ratio Lower Upper

56 100

55 69.6 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

200000

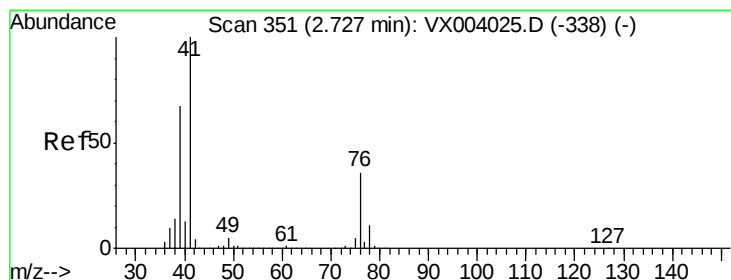
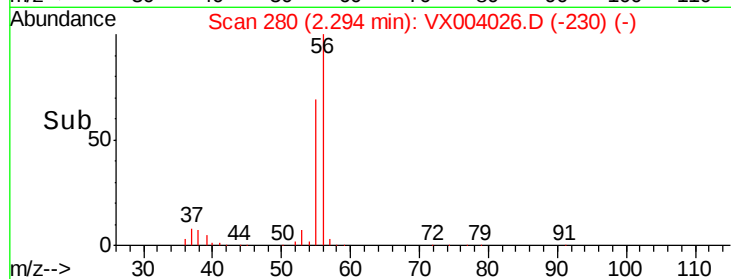
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 96.300 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

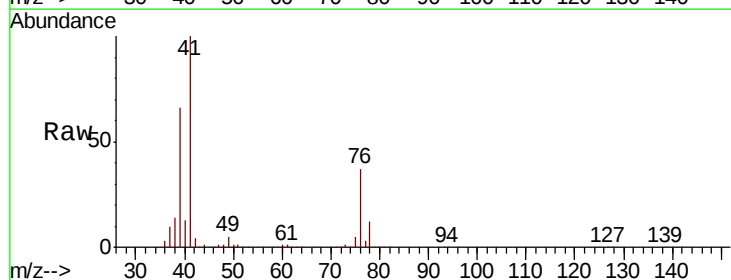
Tgt Ion: 41 Resp: 626452

Ion Ratio Lower Upper

41 100

39 61.9 47.4 71.0

76 33.8 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

400000

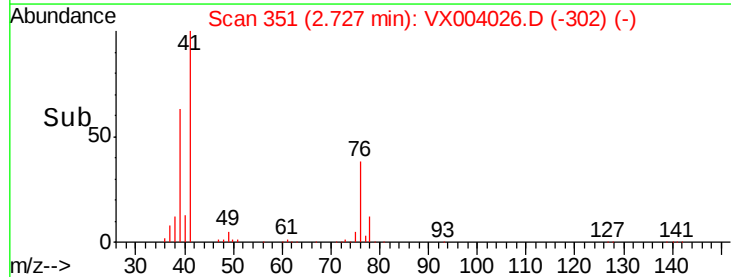
300000

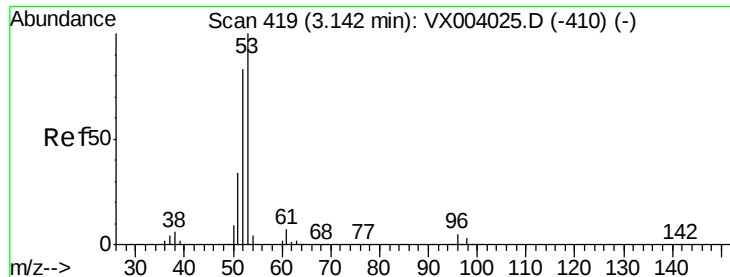
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 484.452 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

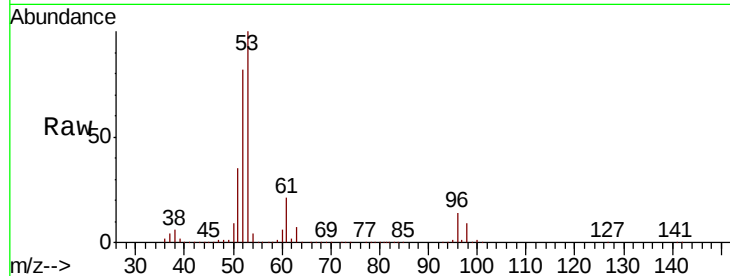
Tgt Ion: 53 Resp: 1113758

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

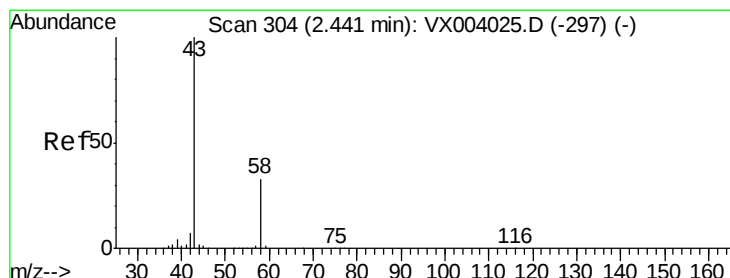
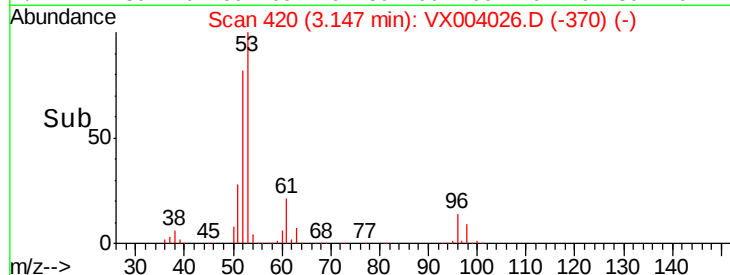
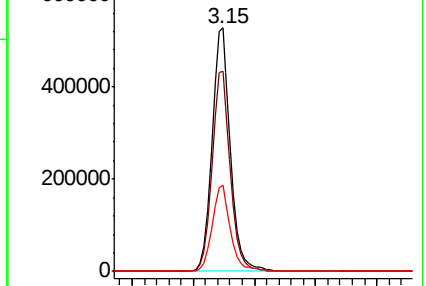
51 35.3 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 462.588 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004026.D

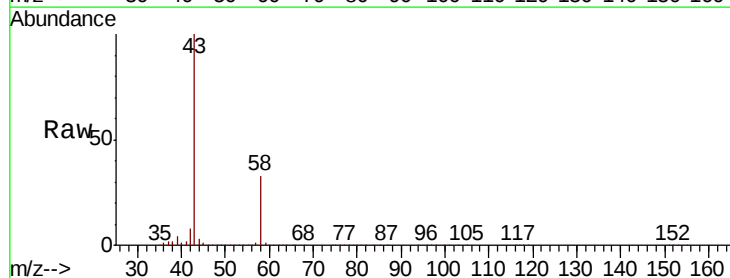
Acq: 14 Aug 2018 12:27

Tgt Ion: 43 Resp: 1101273

Ion Ratio Lower Upper

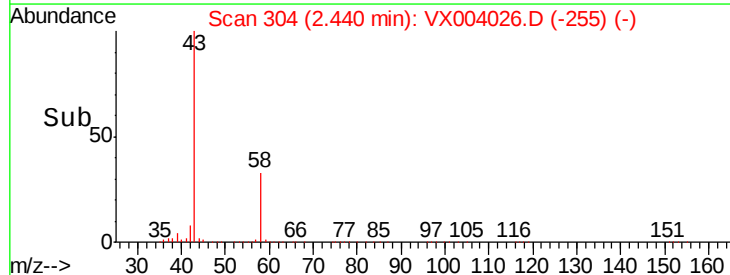
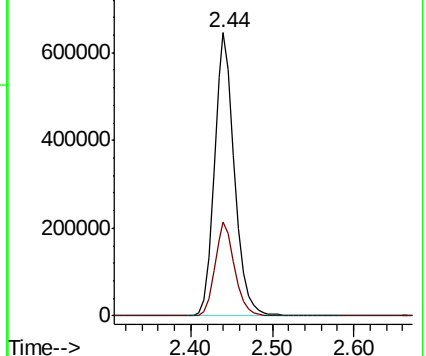
43 100

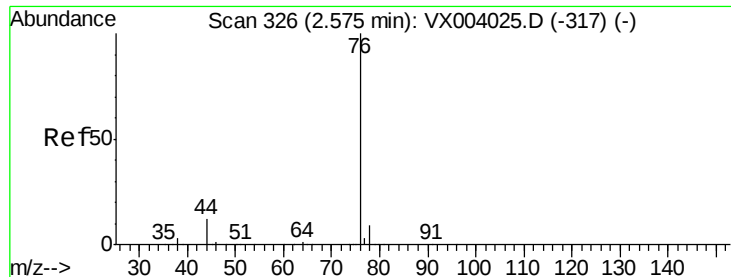
58 33.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 97.816 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

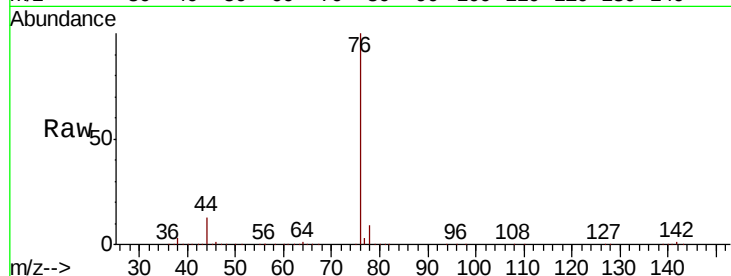
VSTDIC100

Tgt Ion: 76 Resp: 948536

Ion Ratio Lower Upper

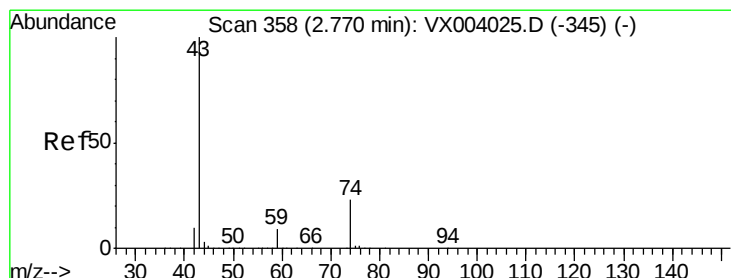
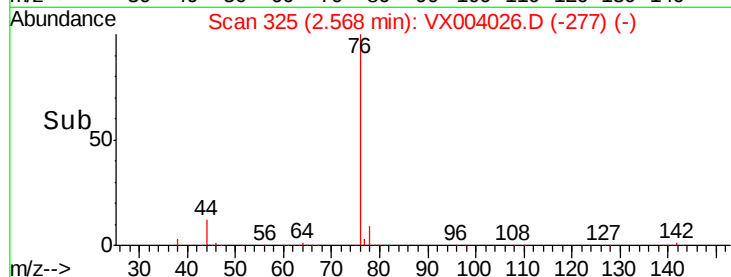
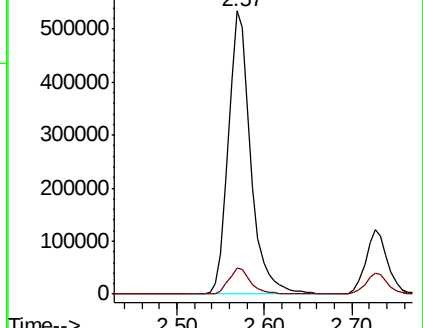
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 94.068 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004026.D

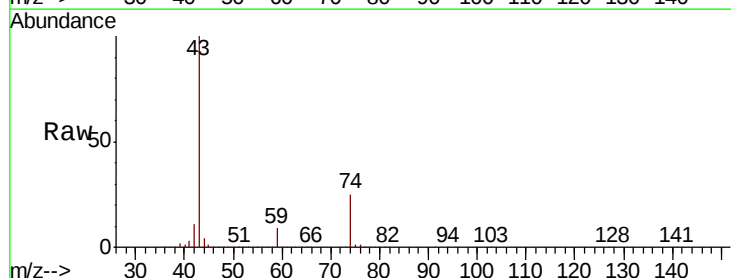
Acq: 14 Aug 2018 12:27

Tgt Ion: 43 Resp: 497657

Ion Ratio Lower Upper

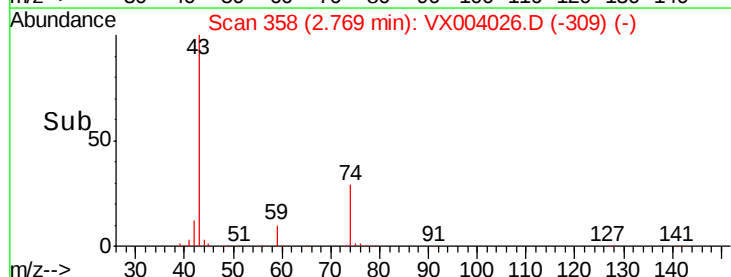
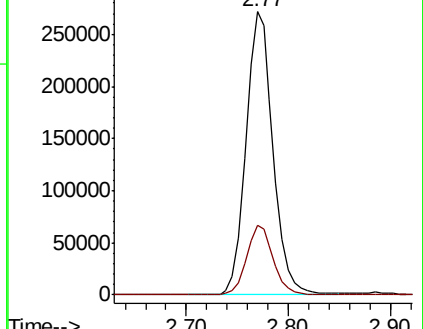
43 100

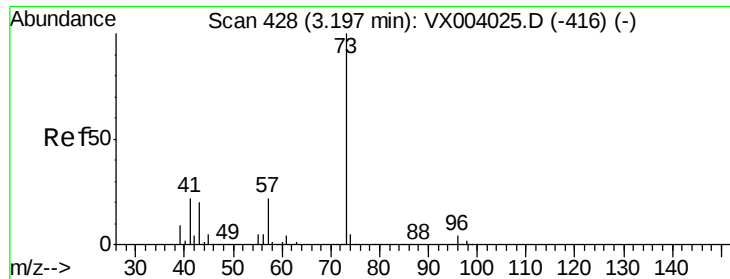
74 24.7 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

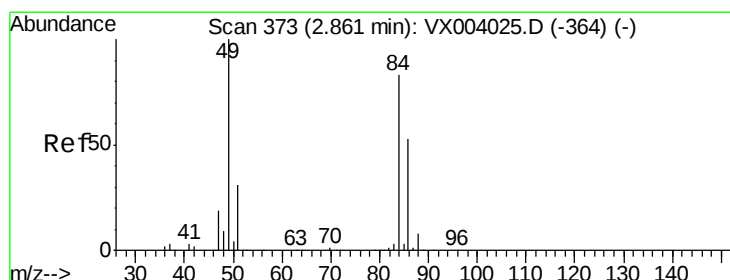
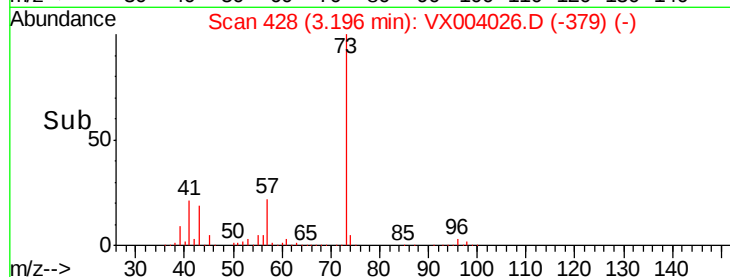
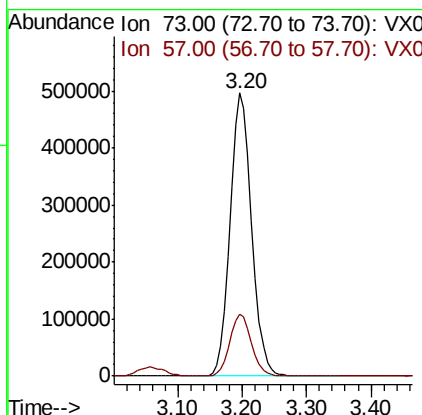
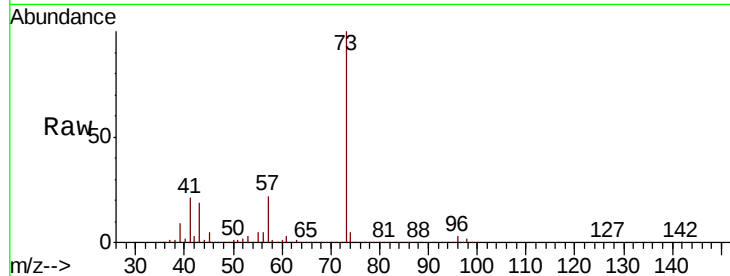




#19
Methyl tert-butyl Ether
Concen: 96.402 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

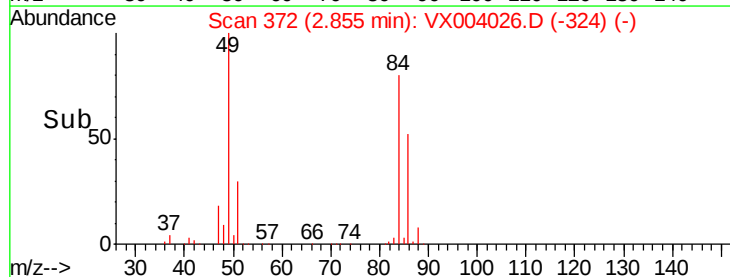
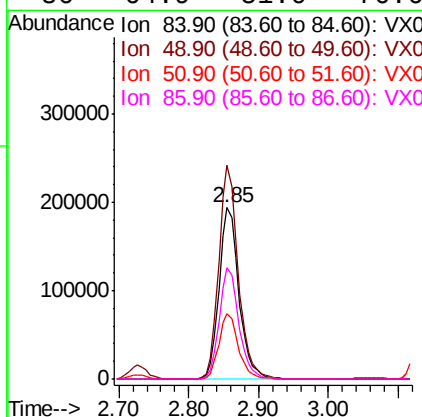
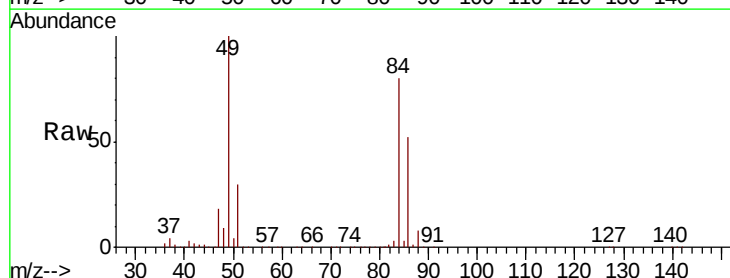
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

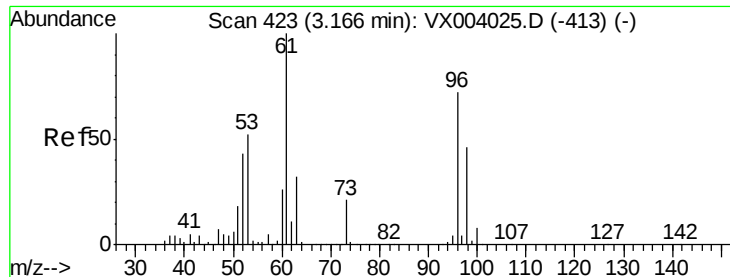
Tgt Ion: 73 Resp: 1161191
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 98.861 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion: 84 Resp: 382373
Ion Ratio Lower Upper
84 100
49 124.6 98.9 148.3
51 37.9 29.9 44.9
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 94.186 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

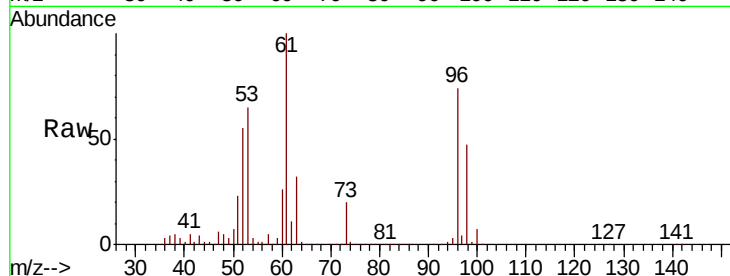
Tgt Ion: 96 Resp: 365701

Ion Ratio Lower Upper

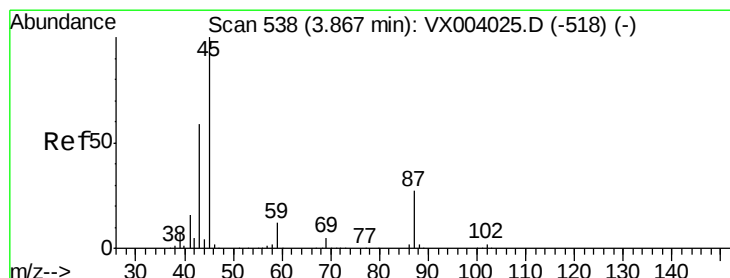
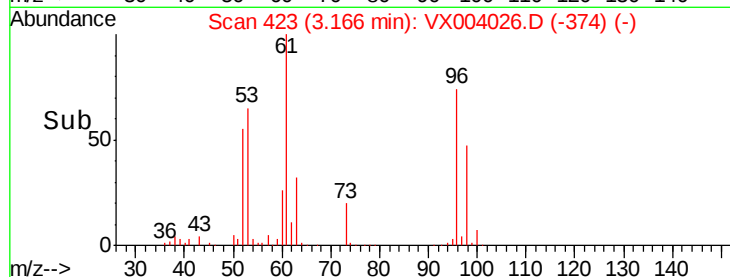
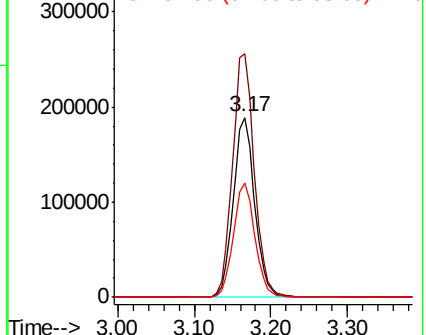
96 100

61 135.0 111.8 167.6

98 63.6 51.8 77.6



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



#22

Diisopropyl ether

Concen: 96.415 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Tgt Ion: 45 Resp: 1229014

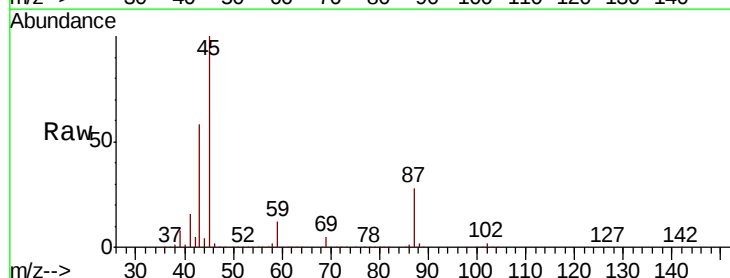
Ion Ratio Lower Upper

45 100

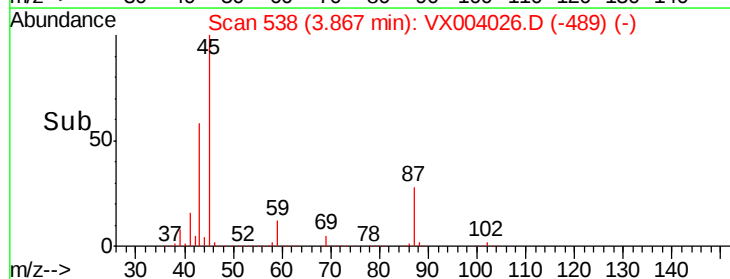
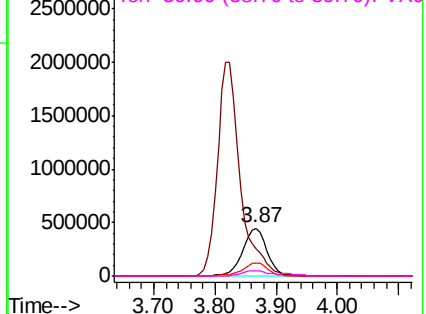
43 58.1 45.3 67.9

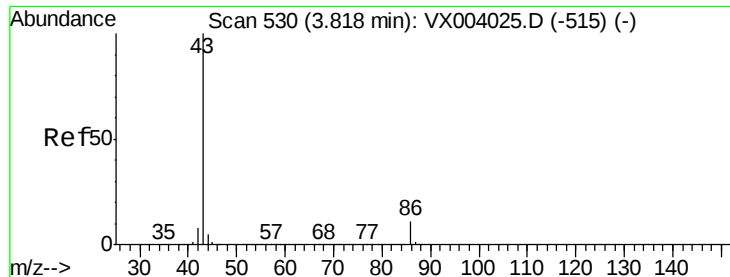
87 28.2 22.7 34.1

59 11.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 500.824 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

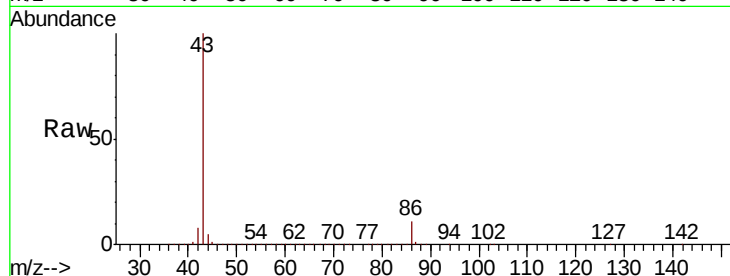
VSTDIC100

Tgt Ion: 43 Resp: 5243487

Ion Ratio Lower Upper

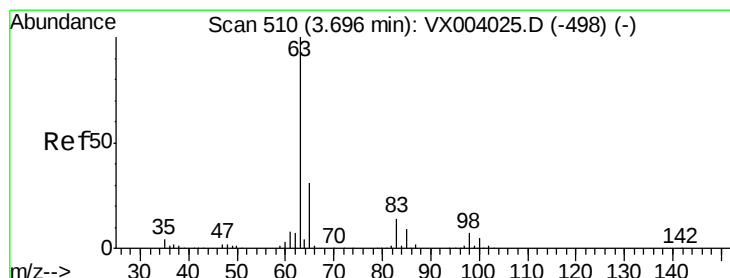
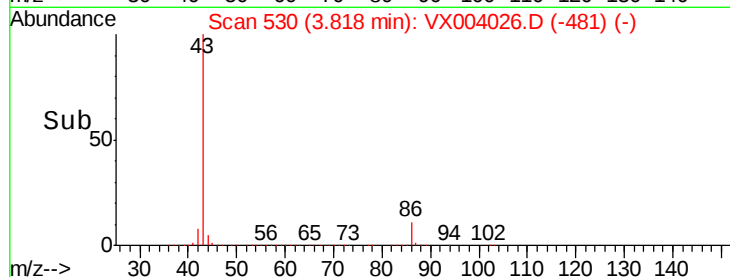
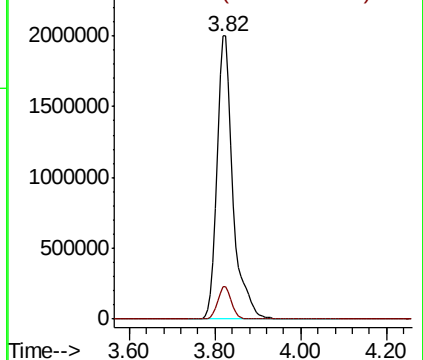
43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 94.389 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

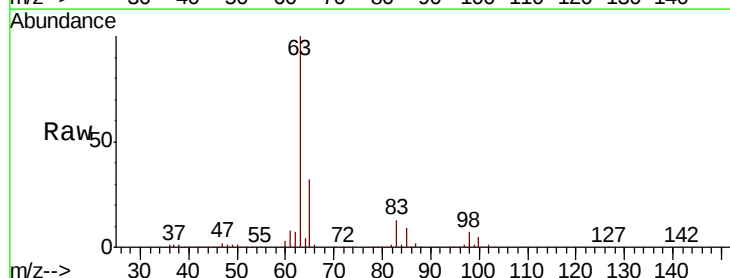
Tgt Ion: 63 Resp: 681499

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

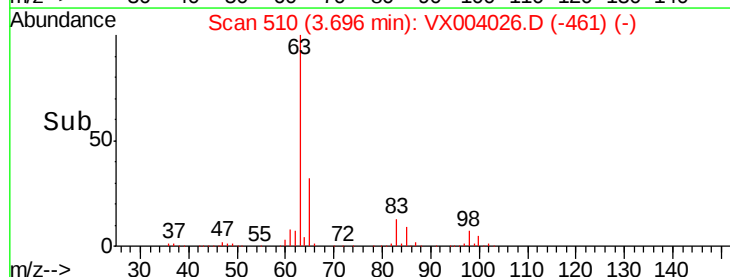
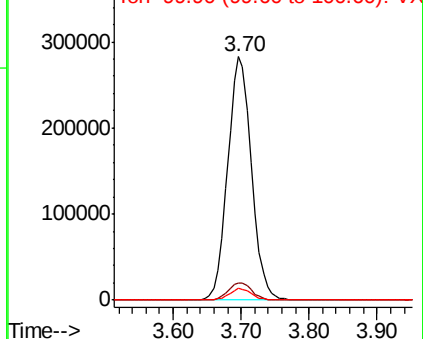
100 4.7 2.3 6.8

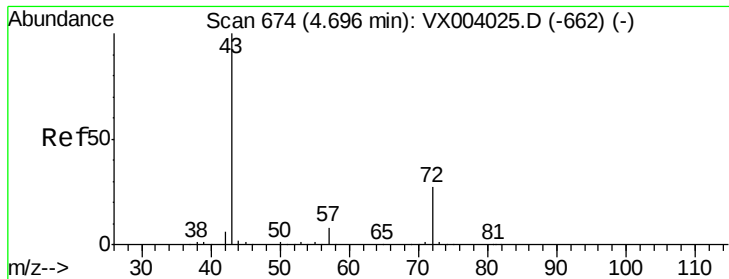


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 482.805 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

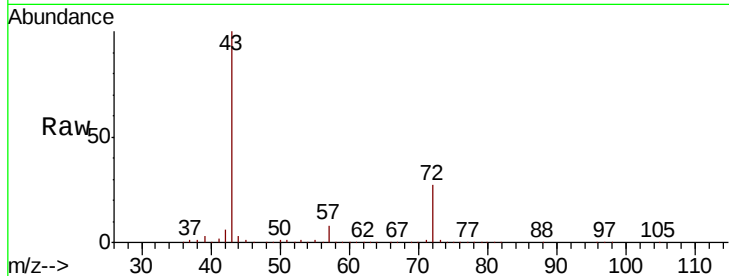
VSTDIC100

Tgt Ion: 43 Resp: 1870159

Ion Ratio Lower Upper

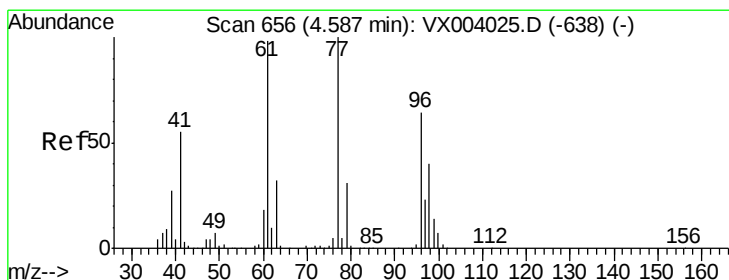
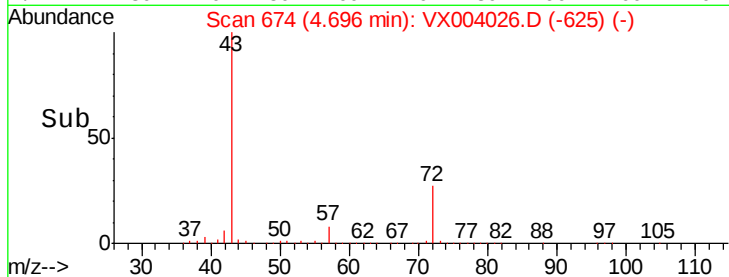
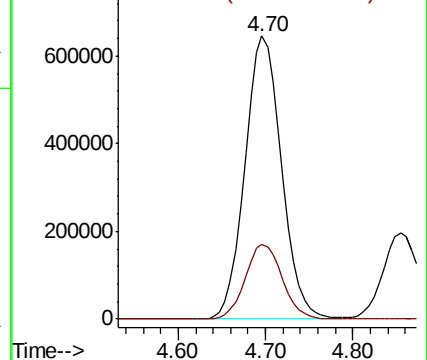
43 100

72 26.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 94.167 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004026.D

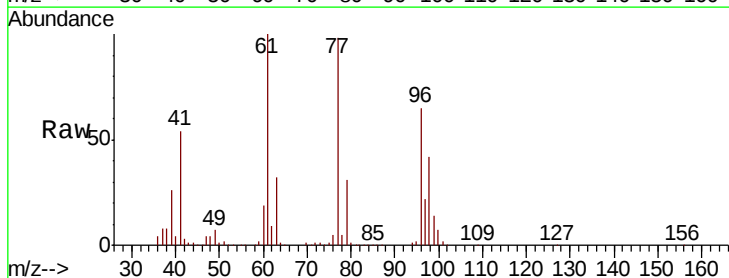
Acq: 14 Aug 2018 12:27

Tgt Ion: 77 Resp: 540541

Ion Ratio Lower Upper

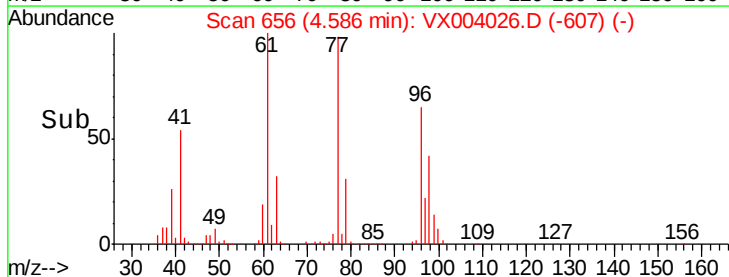
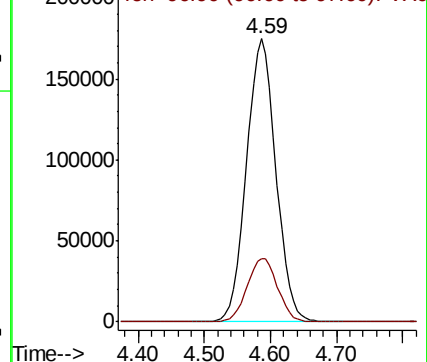
77 100

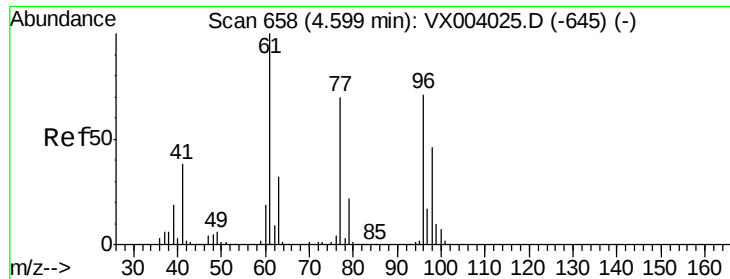
97 23.1 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



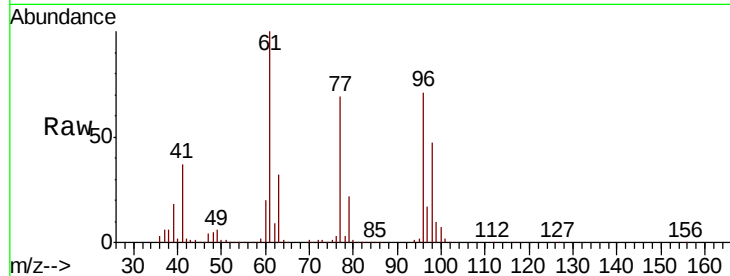


#27

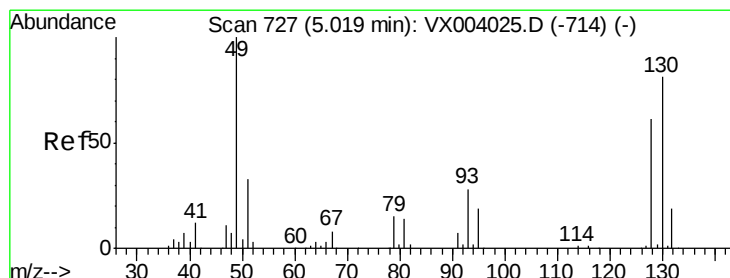
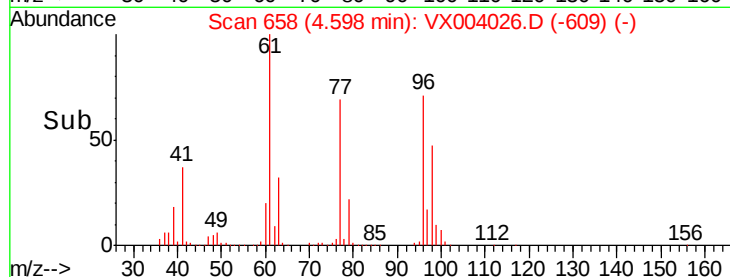
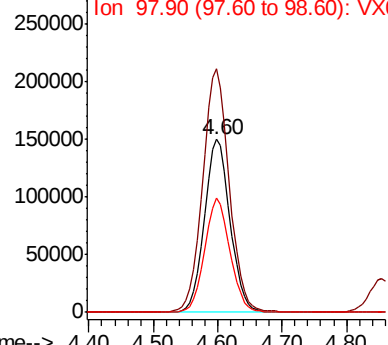
cis-1,2-Dichloroethene
Concen: 95.214 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion: 96 Resp: 415718
Ion Ratio Lower Upper
96 100
61 146.3 0.0 293.0
98 65.2 0.0 131.8



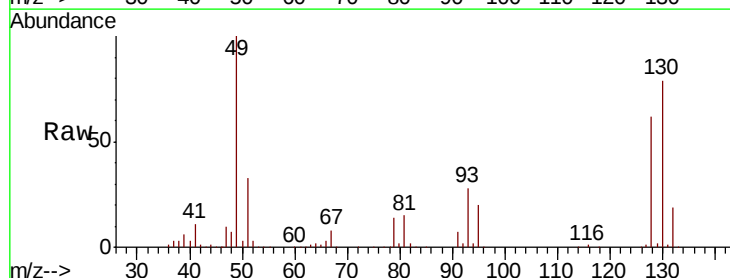
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



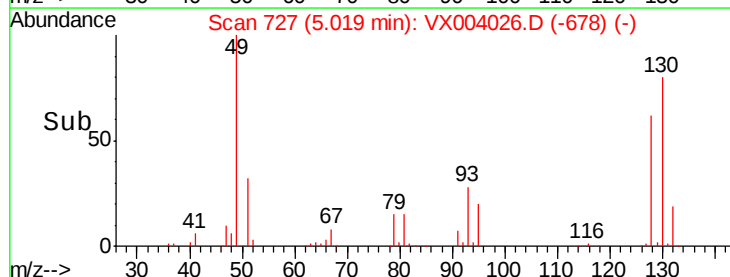
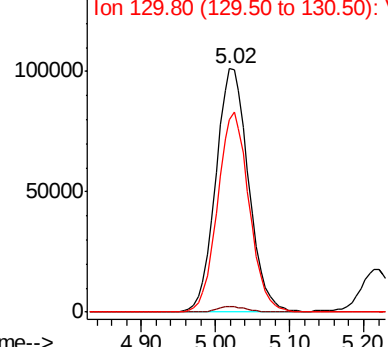
#28

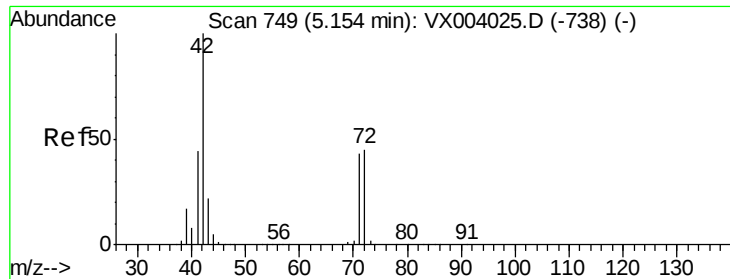
Bromochloromethane
Concen: 94.538 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion: 49 Resp: 313166
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 79.2 66.5 99.7



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





#29

Tetrahydrofuran

Concen: 478.199 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

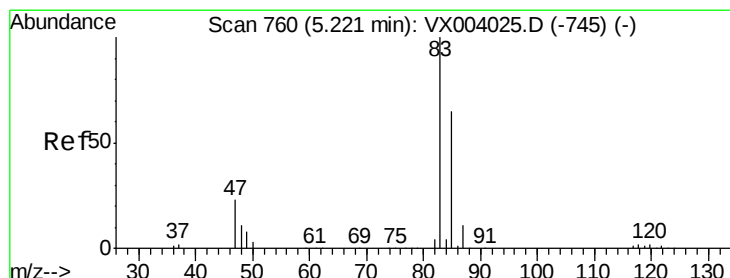
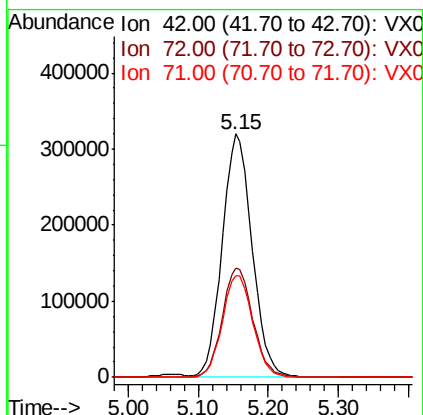
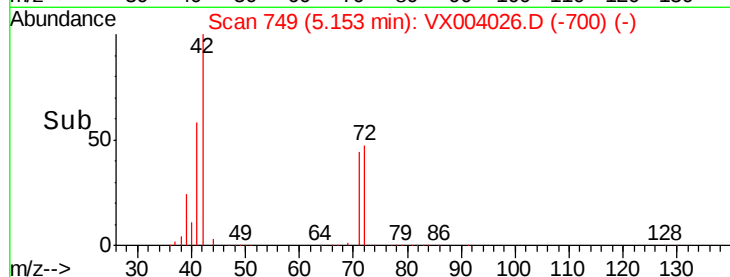
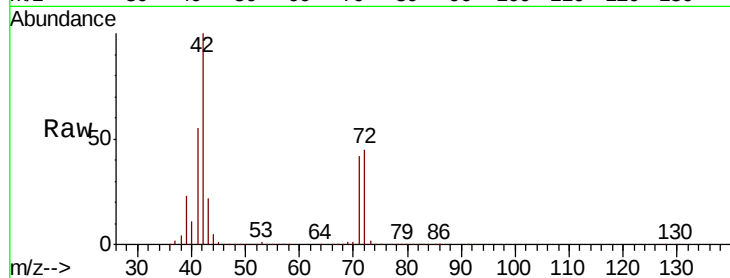
Tgt Ion: 42 Resp: 946371

Ion Ratio Lower Upper

42 100

72 46.1 37.7 56.5

71 42.8 35.0 52.6



#30

Chloroform

Concen: 93.893 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004026.D

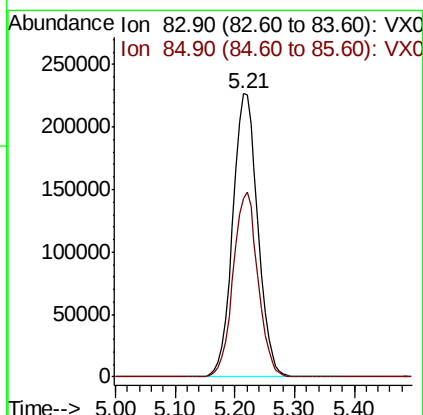
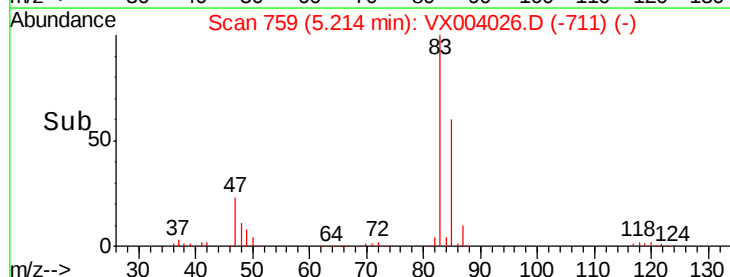
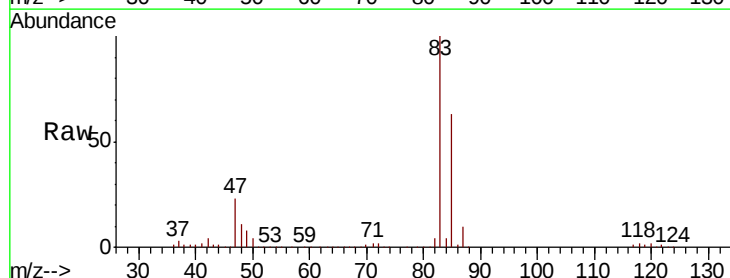
Acq: 14 Aug 2018 12:27

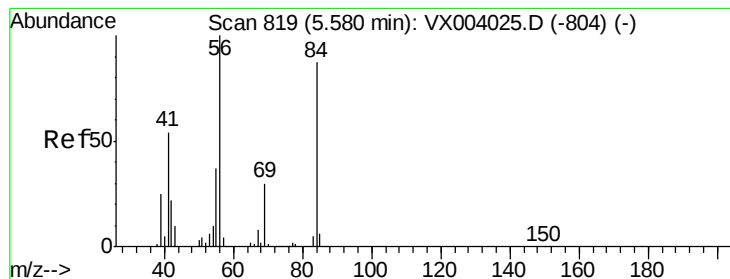
Tgt Ion: 83 Resp: 661621

Ion Ratio Lower Upper

83 100

85 63.0 50.7 76.1





#31

Cyclohexane

Concen: 96.726 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

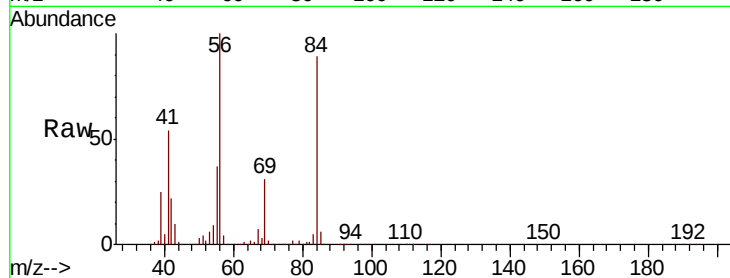
Tgt Ion: 56 Resp: 612229

Ion Ratio Lower Upper

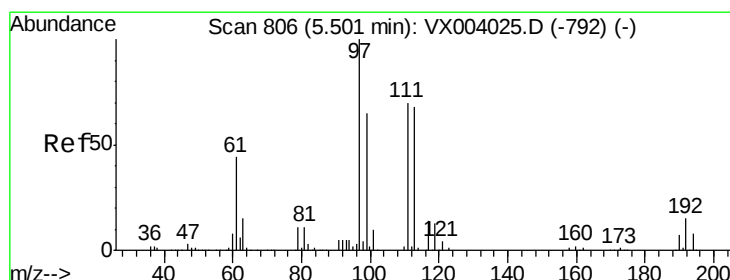
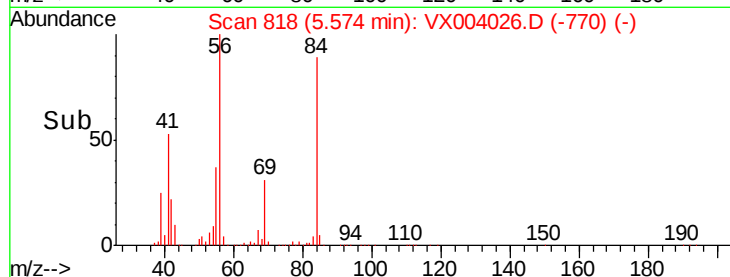
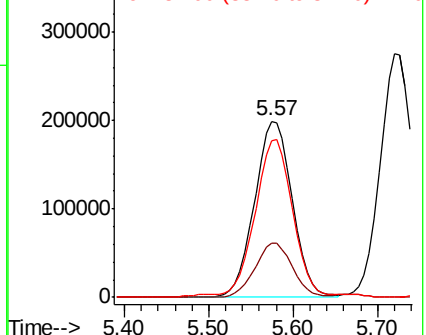
56 100

69 31.0 24.9 37.3

84 88.5 71.7 107.5



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



#32

1,1,1-Trichloroethane

Concen: 97.522 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

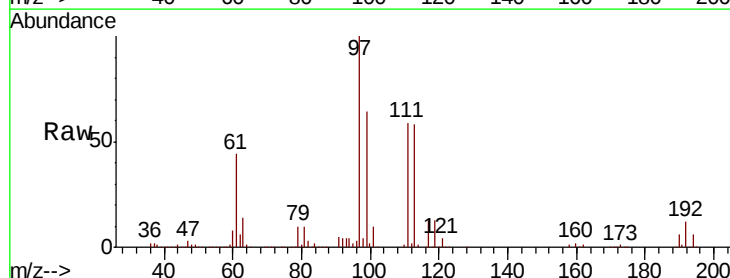
Tgt Ion: 97 Resp: 574247

Ion Ratio Lower Upper

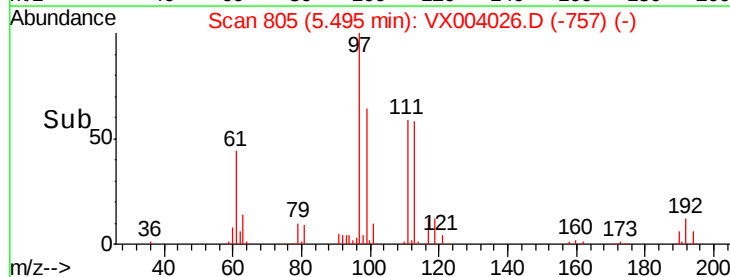
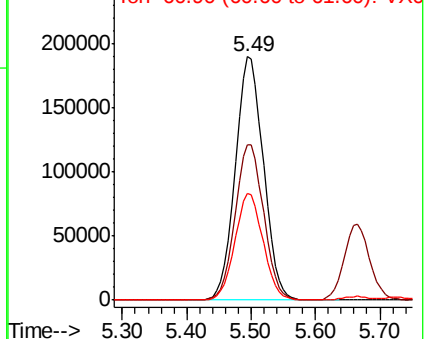
97 100

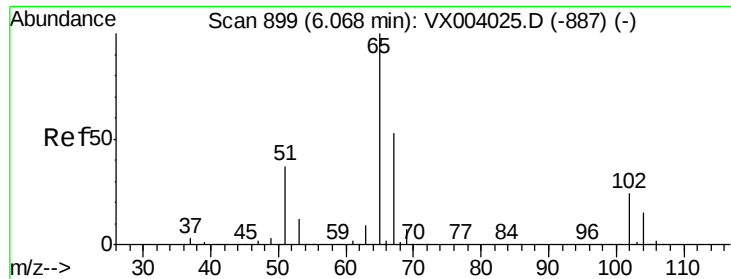
99 64.6 51.8 77.8

61 43.9 34.4 51.6



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

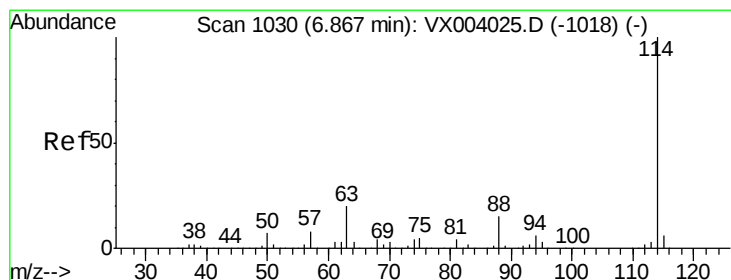
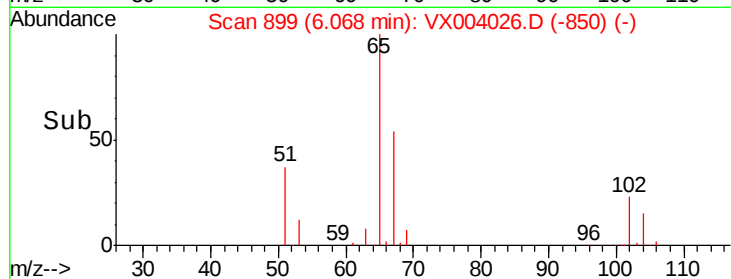
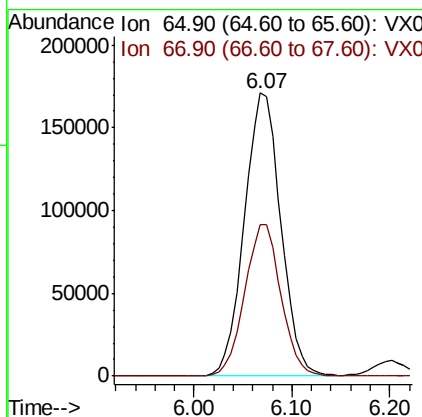
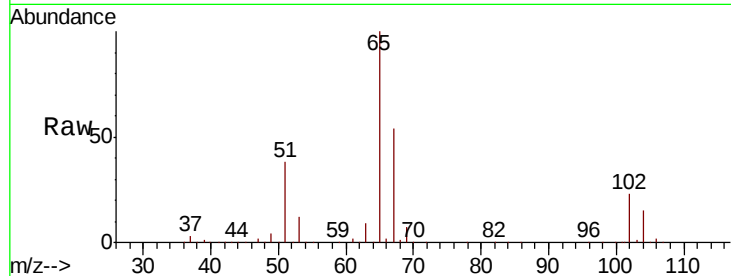




#33
 1,2-Dichloroethane-d4
 Concen: 96.634 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

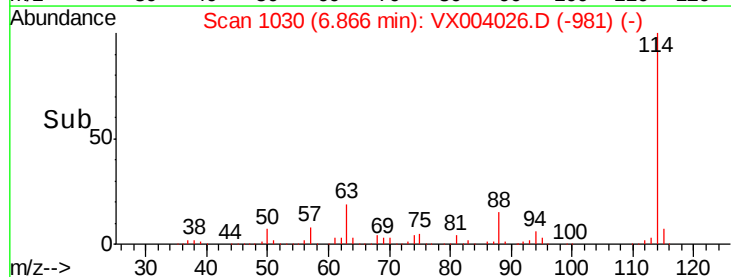
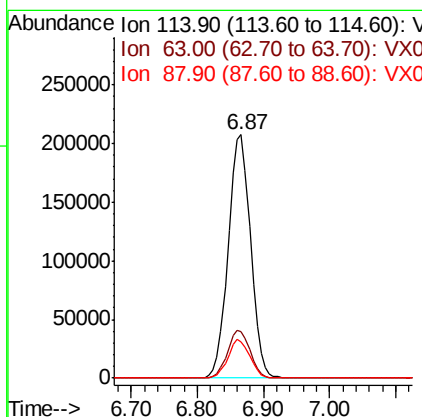
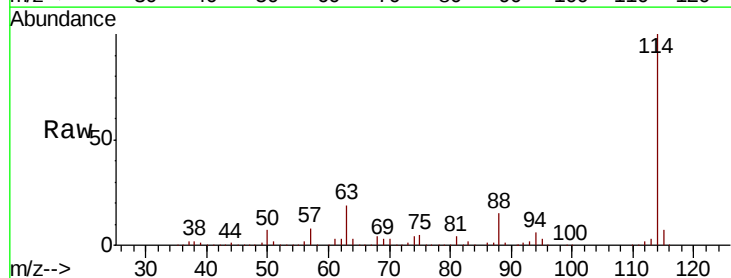
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

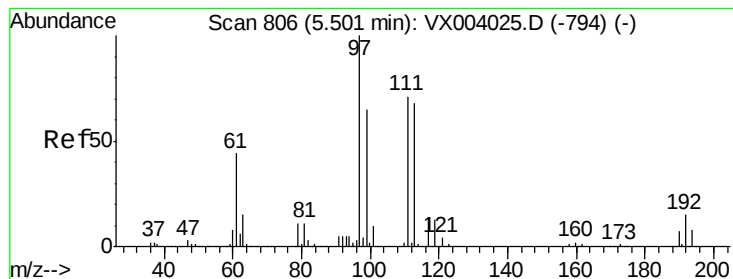
Tgt Ion: 65 Resp: 442480
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion: 114 Resp: 486020
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 97.900 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

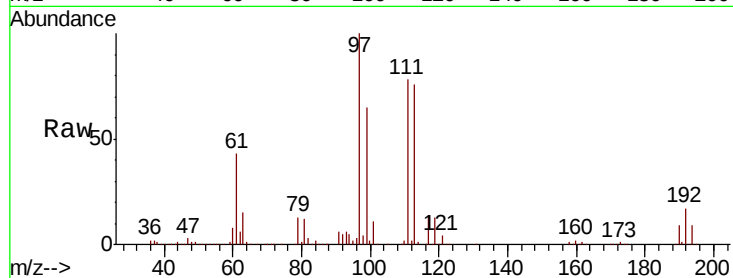
Tgt Ion:113 Resp: 356107

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

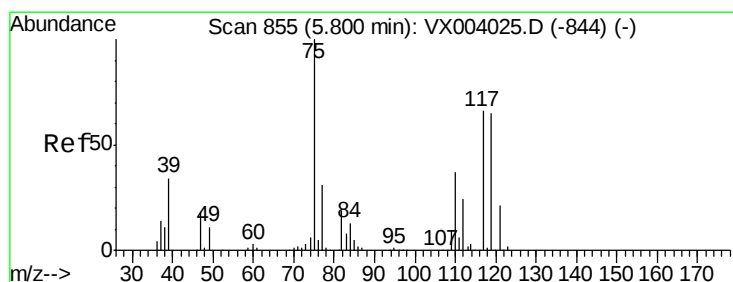
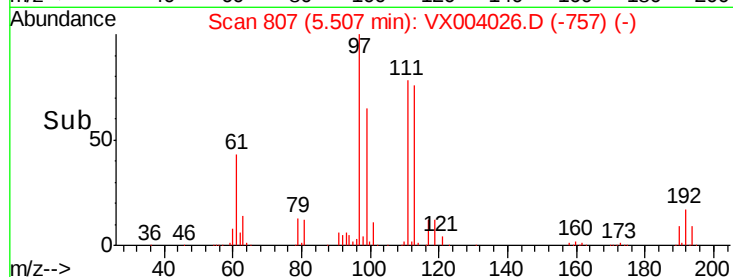
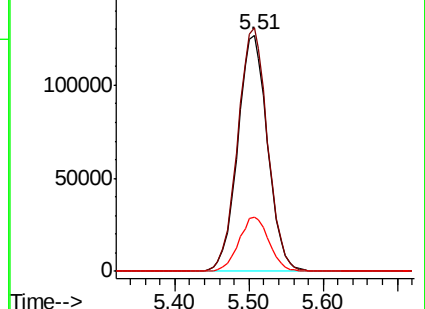
192 23.3 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 96.023 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

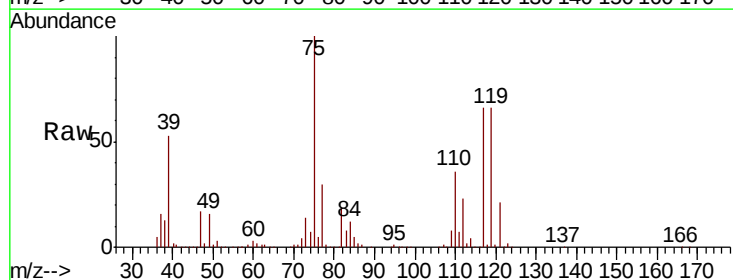
Tgt Ion: 75 Resp: 531053

Ion Ratio Lower Upper

75 100

110 36.2 18.2 54.6

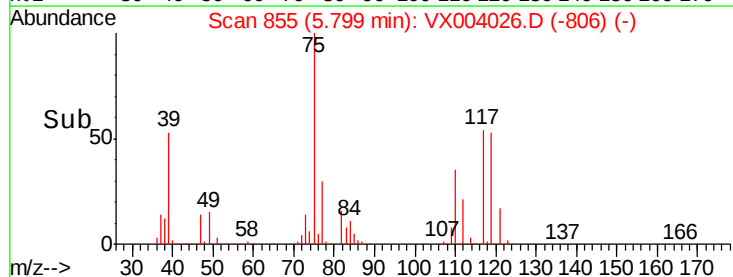
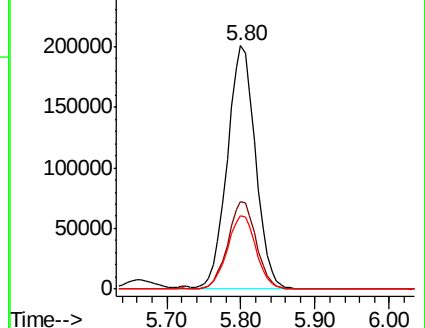
77 30.7 25.0 37.4

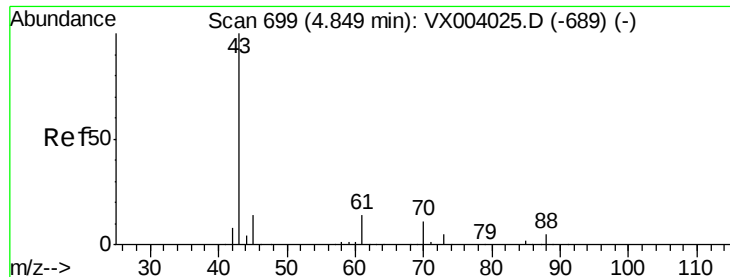


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 95.523 ug/l

RT: 4.85 min Scan# 700

Delta R.T. 0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

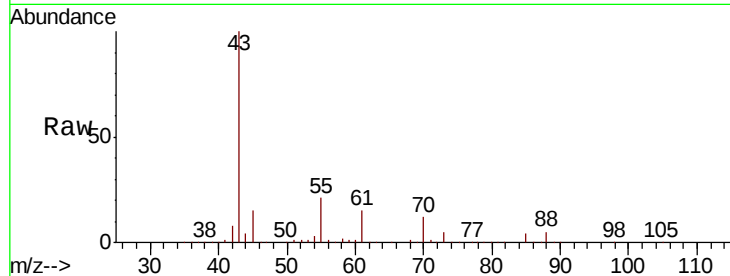
Tgt Ion: 43 Resp: 575300

Ion Ratio Lower Upper

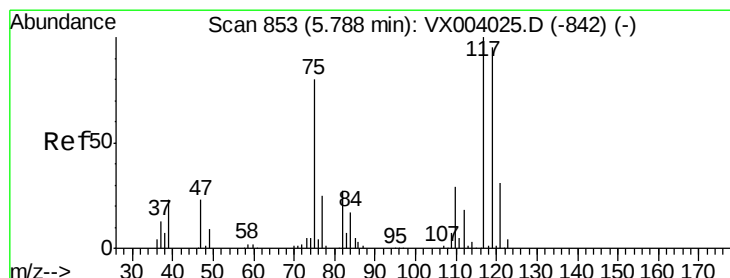
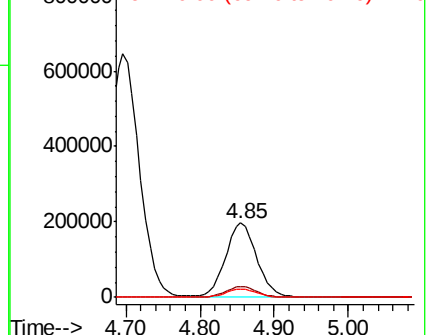
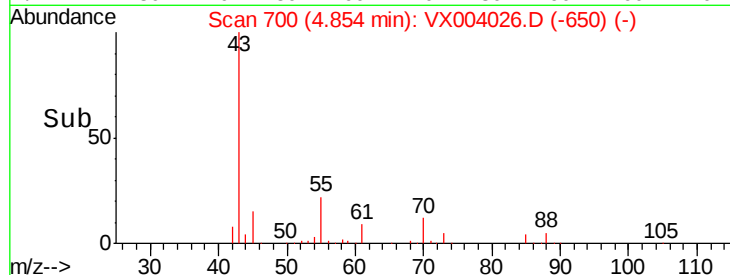
43 100

61 14.5 11.5 17.3

70 11.1 9.0 13.4



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: 96.956 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

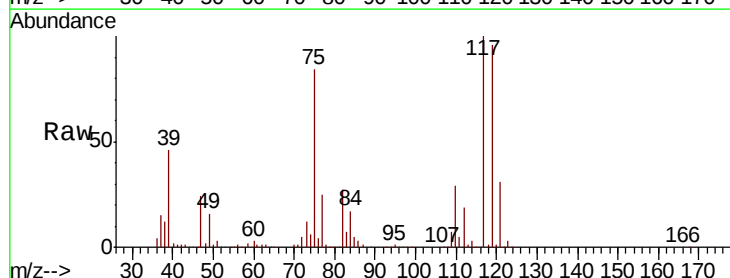
Tgt Ion: 117 Resp: 520974

Ion Ratio Lower Upper

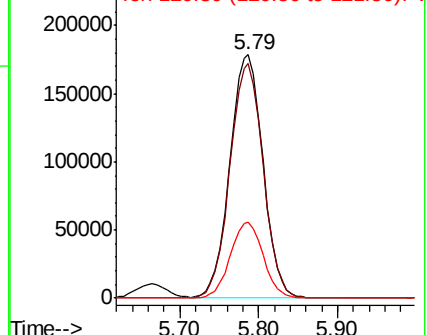
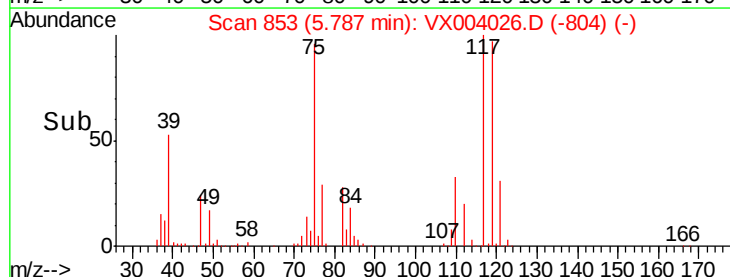
117 100

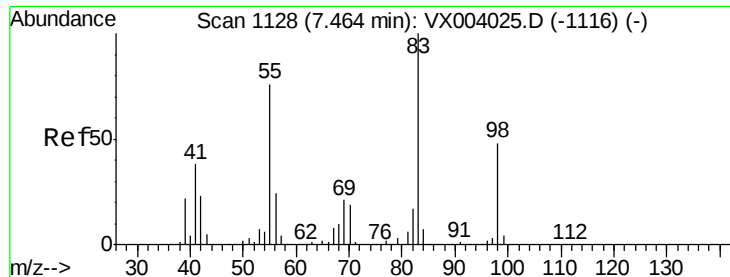
119 96.2 79.5 119.3

121 31.2 25.0 37.4



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

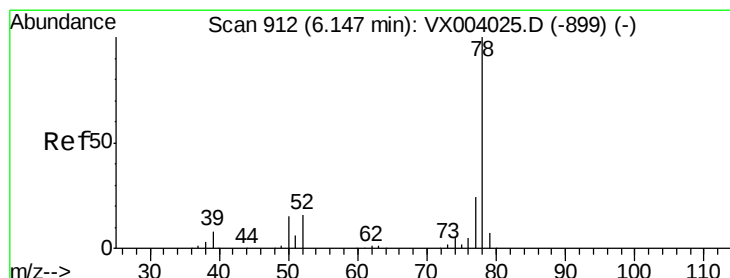
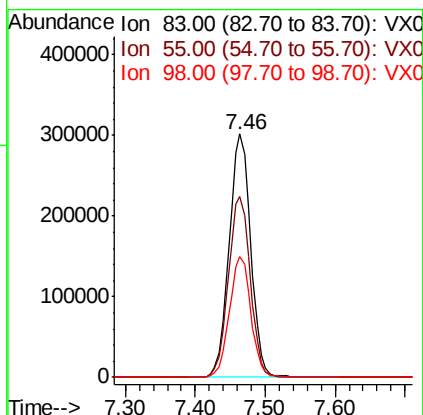
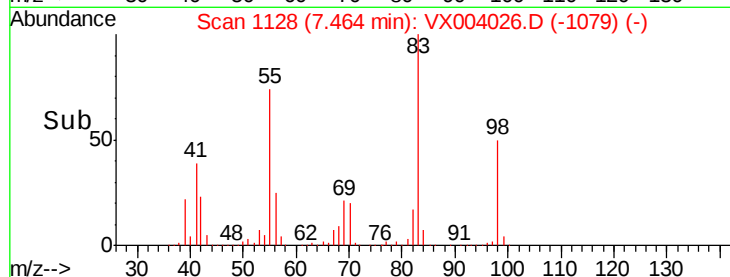
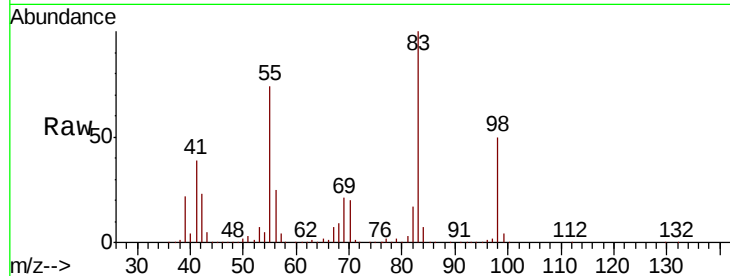




#39
Methylcyclohexane
Concen: 103.017 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

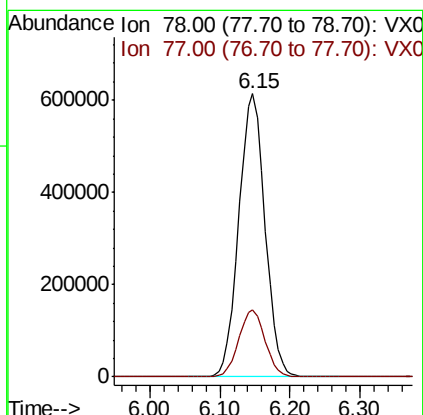
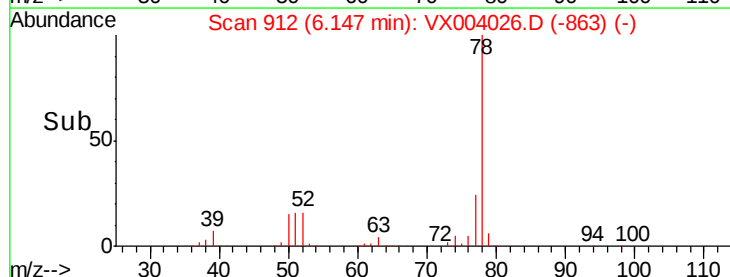
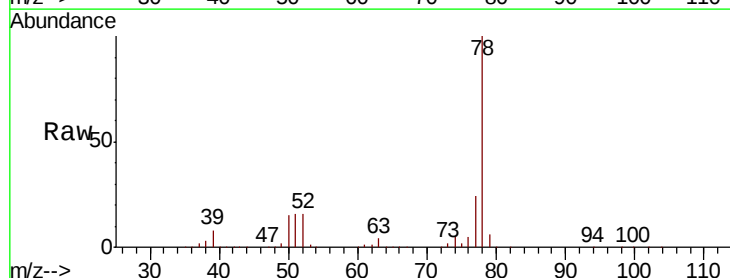
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

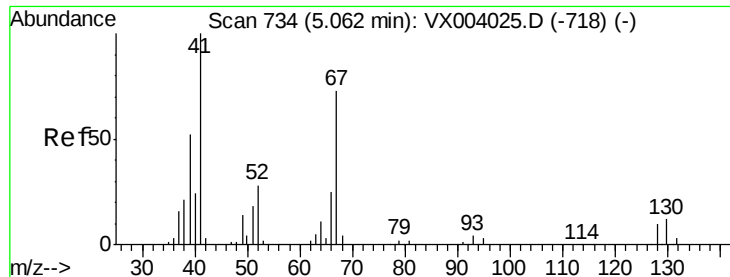
Tgt Ion: 83 Resp: 646351
Ion Ratio Lower Upper
83 100
55 74.1 61.0 91.6
98 49.6 38.6 57.8



#40
Benzene
Concen: 95.991 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion: 78 Resp: 1594118
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 93.493 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 41 Resp: 315351

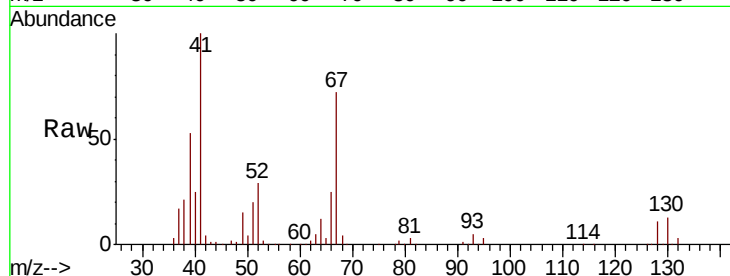
Ion Ratio Lower Upper

41 100

39 52.7 42.7 64.1

67 73.0 58.9 88.3

52 29.2 22.6 33.8

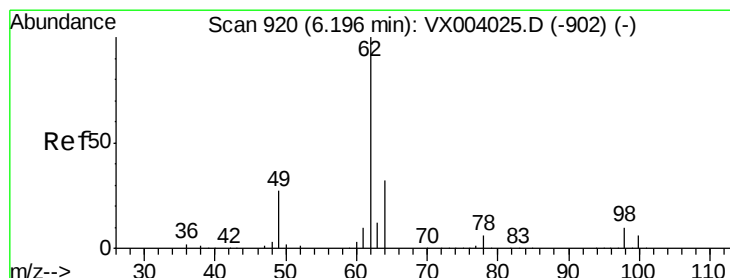
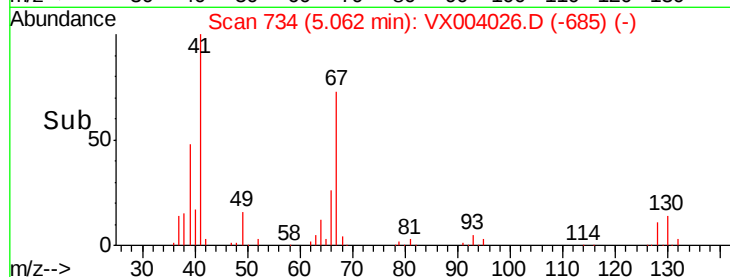
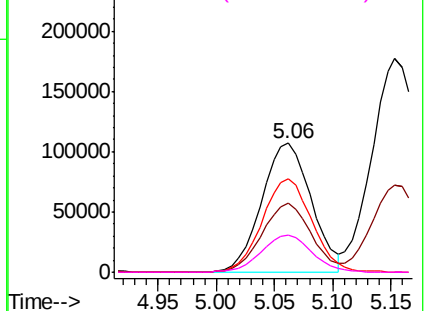


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 93.266 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.01 min

Lab File: VX004026.D

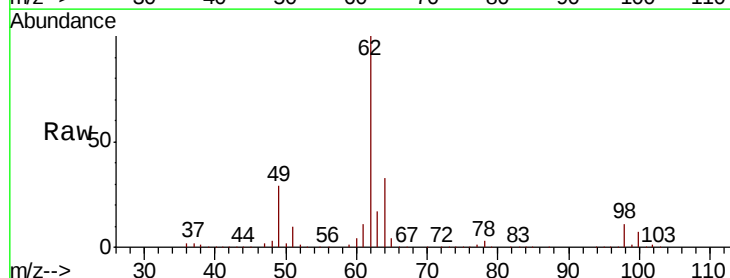
Acq: 14 Aug 2018 12:27

Tgt Ion: 62 Resp: 542166

Ion Ratio Lower Upper

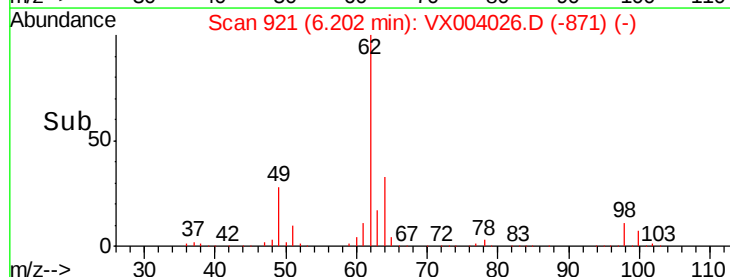
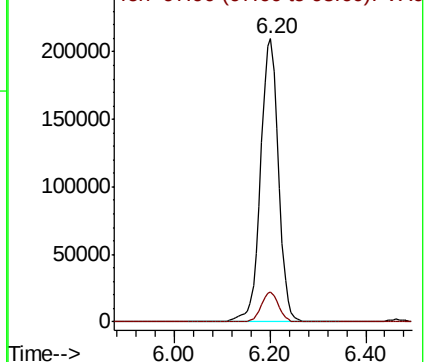
62 100

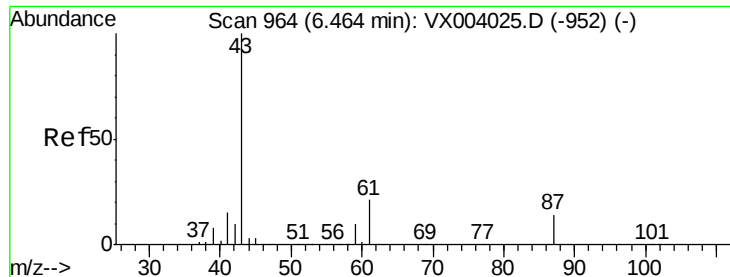
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 101.245 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

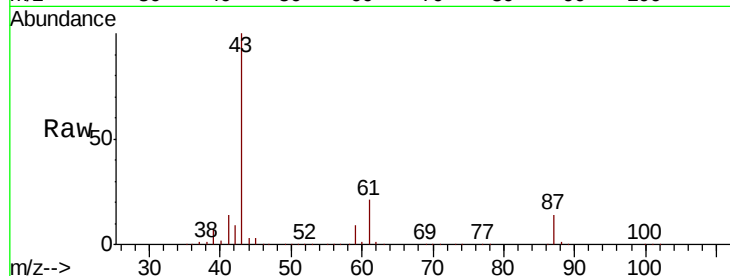
Tgt Ion: 43 Resp: 898786

Ion Ratio Lower Upper

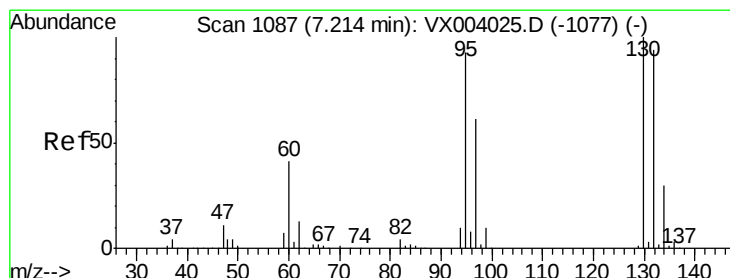
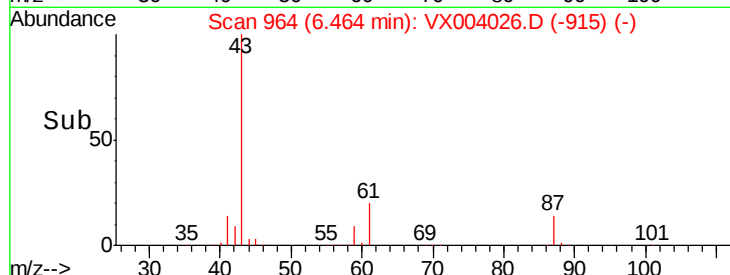
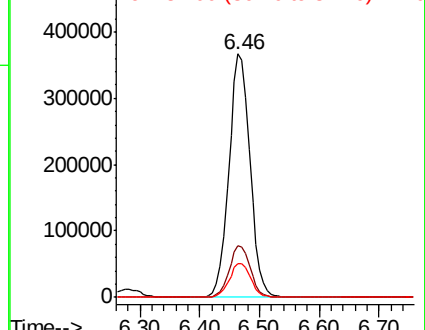
43 100

61 21.2 16.9 25.3

87 14.1 11.3 16.9



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: 96.430 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004026.D

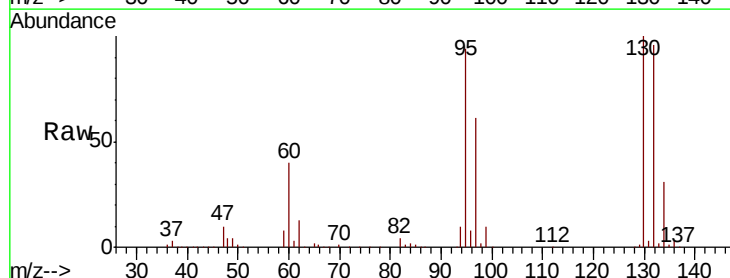
Acq: 14 Aug 2018 12:27

Tgt Ion: 130 Resp: 434745

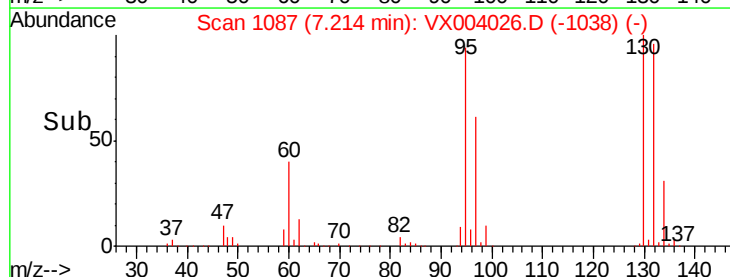
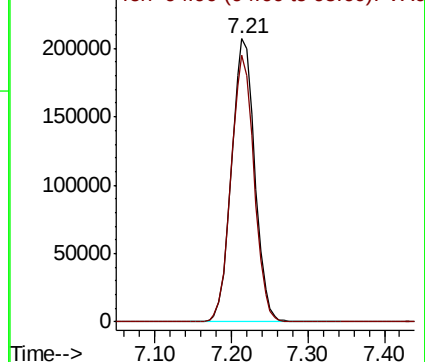
Ion Ratio Lower Upper

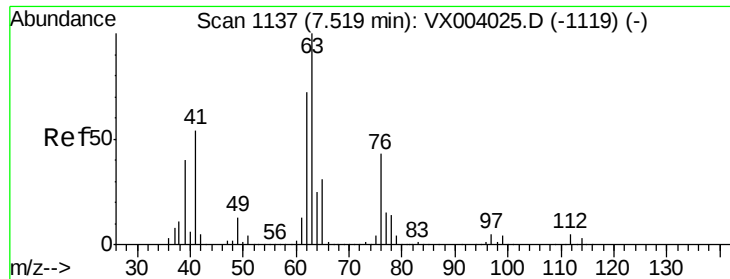
130 100

95 94.1 0.0 199.4



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

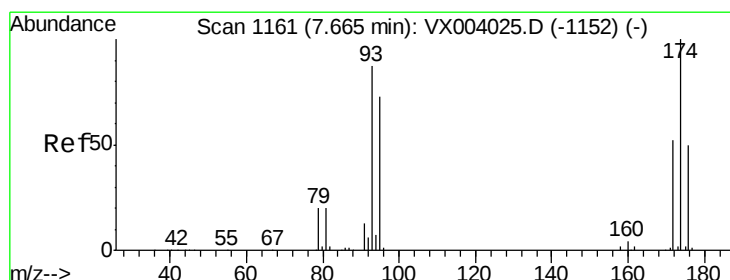
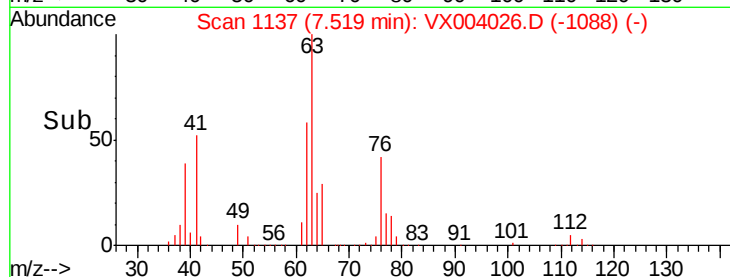
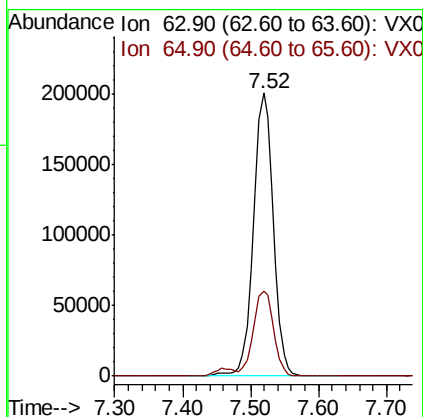
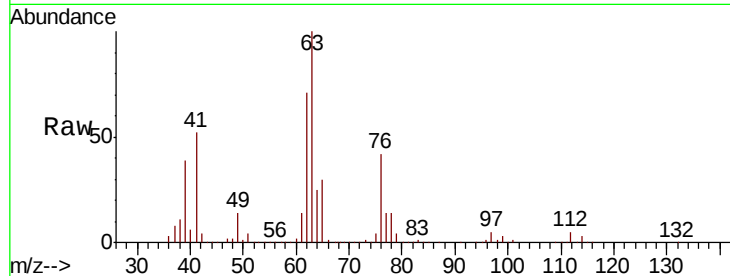




#45
 1,2-Dichloropropane
 Concen: 96.258 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

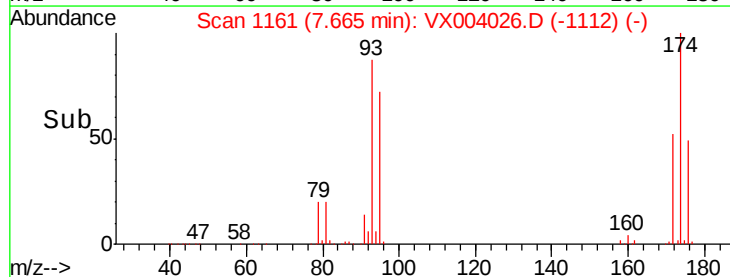
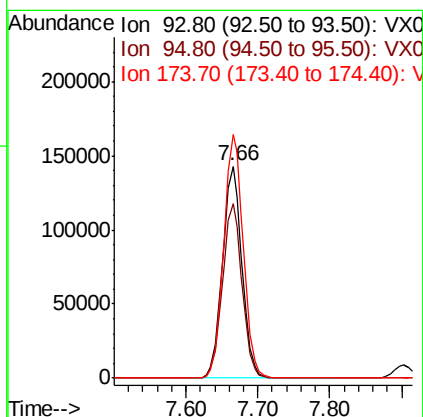
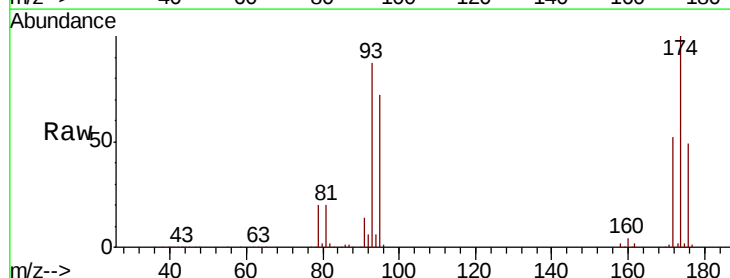
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

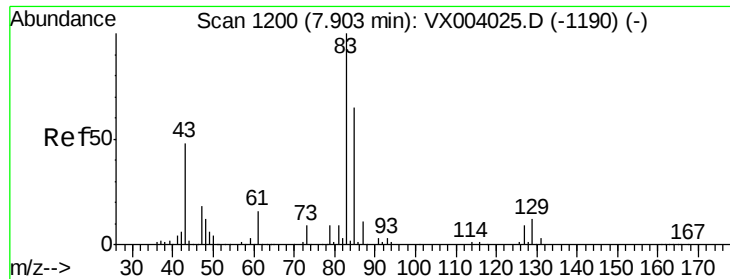
Tgt Ion: 63 Resp: 409225
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 36.8



#46
 Dibromomethane
 Concen: 96.222 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion: 93 Resp: 267329
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.4 99.6
 174 116.5 94.3 141.5





#47

Bromodichloromethane

Concen: 100.728 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

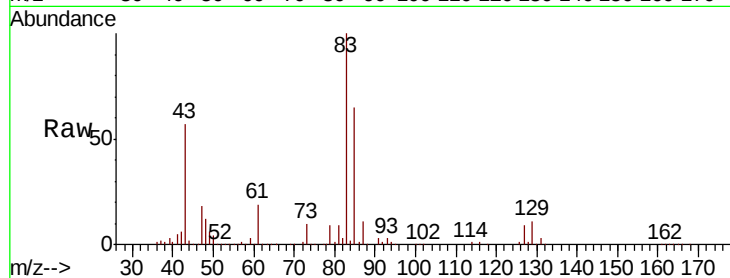
Tgt Ion: 83 Resp: 530019

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

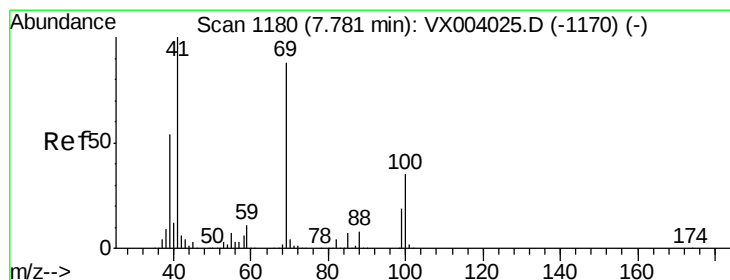
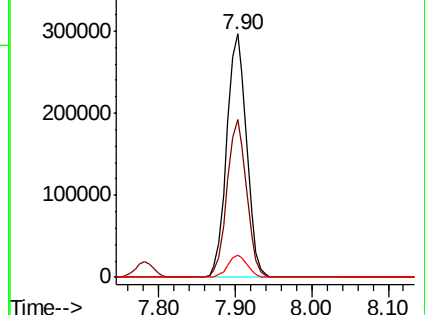
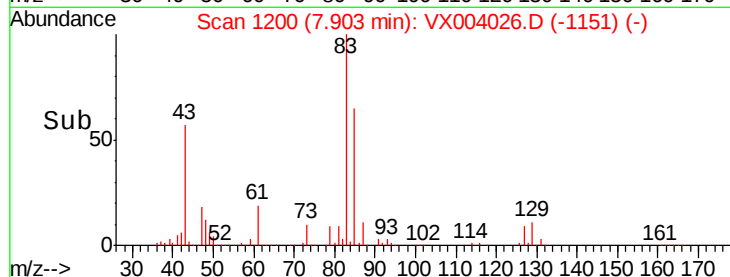
127 8.9 7.2 10.8



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: 105.747 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

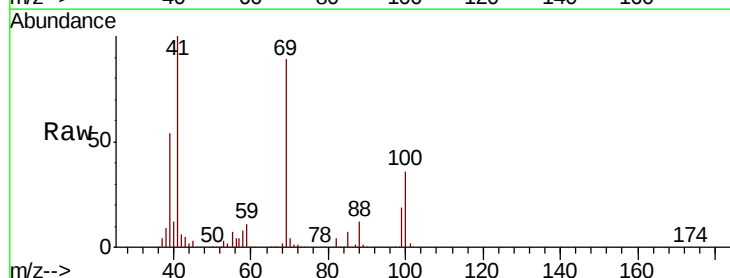
Tgt Ion: 41 Resp: 472561

Ion Ratio Lower Upper

41 100

69 87.4 68.8 103.2

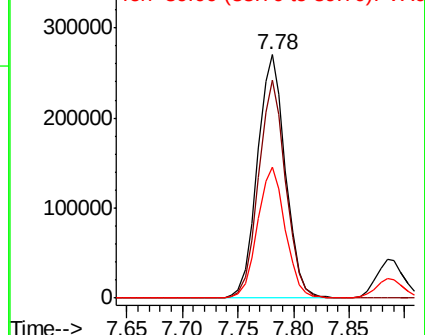
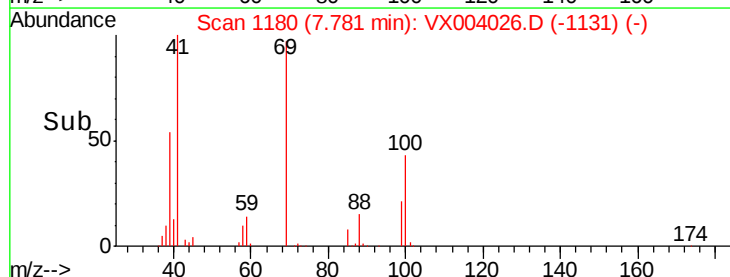
39 53.6 42.3 63.5

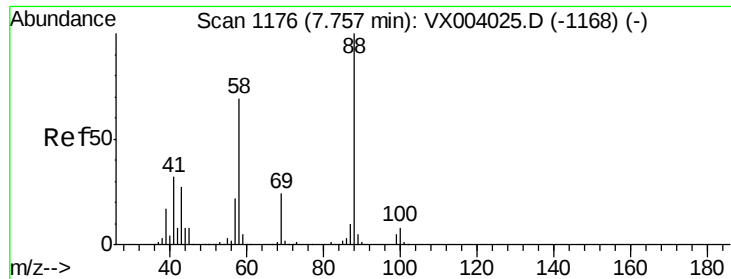


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

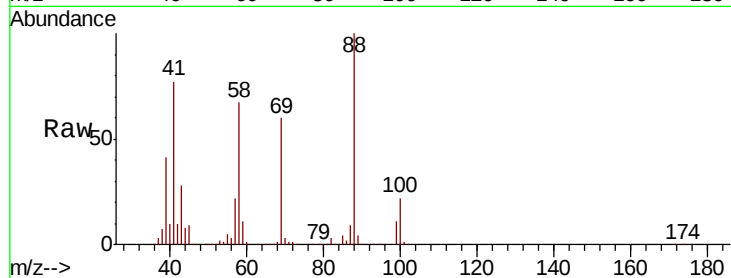




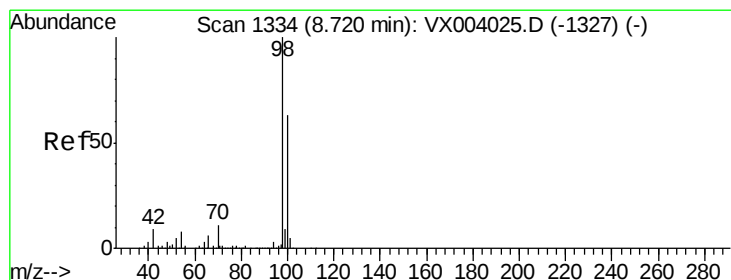
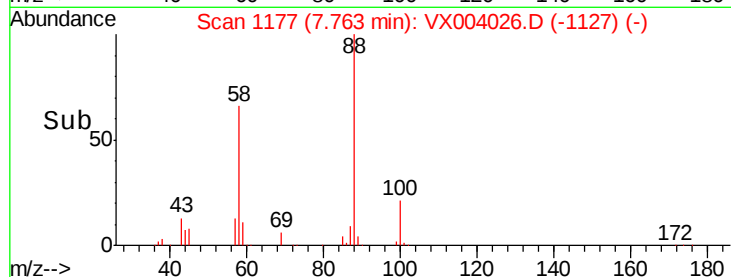
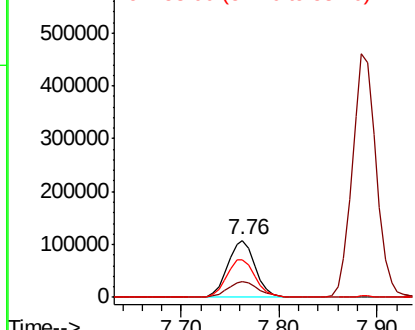
#49
1,4-Dioxane
Concen: 2073.070 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 208575
Ion Ratio Lower Upper
88 100
43 30.3 23.8 35.8
58 69.3 55.4 83.0

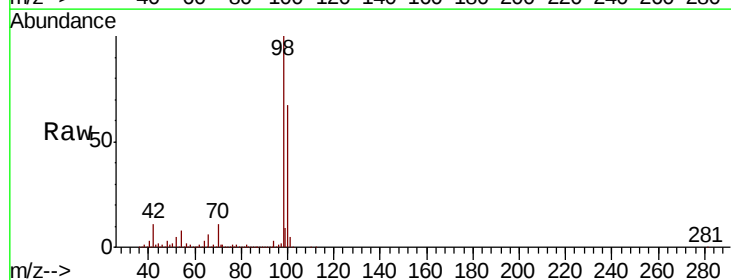


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

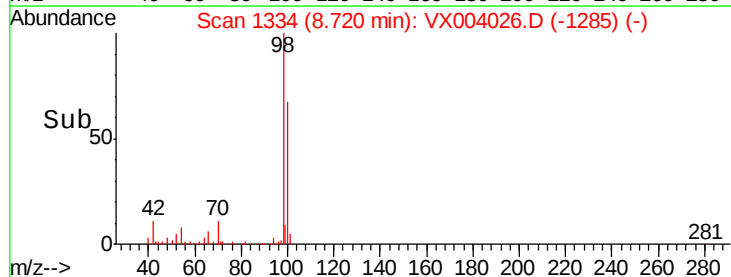
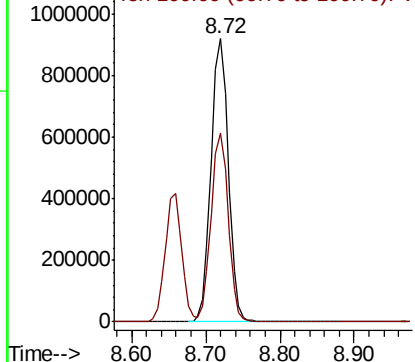


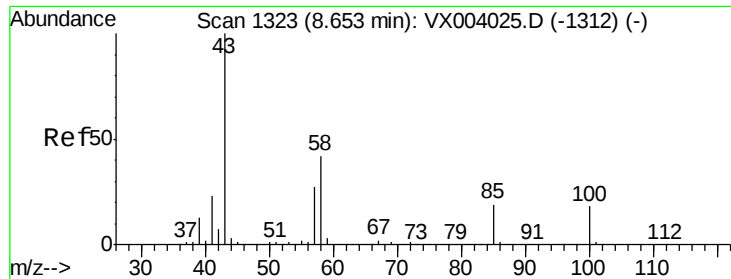
#50
Toluene-d8
Concen: 99.393 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion: 98 Resp: 1465832
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



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

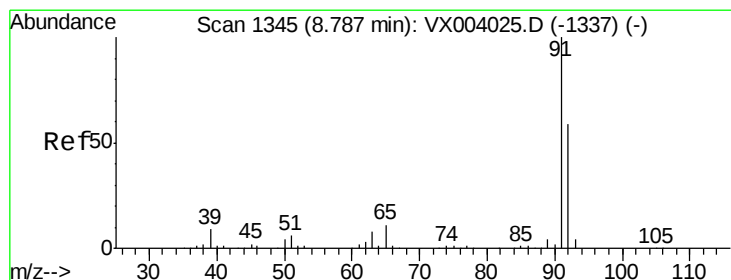
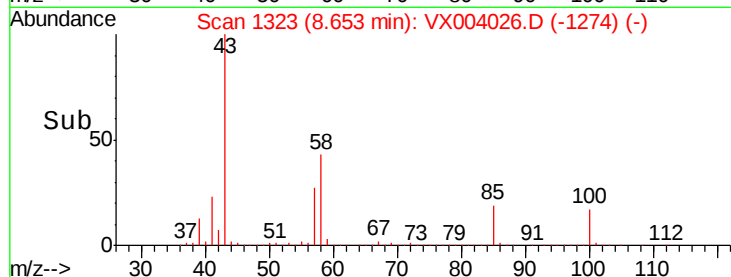
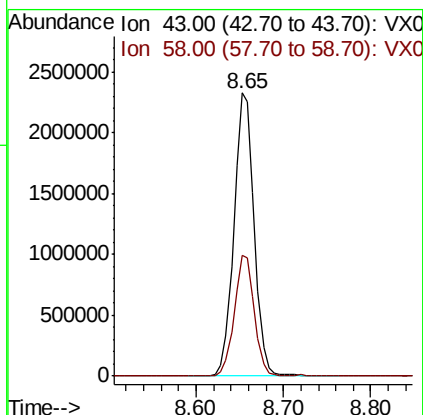
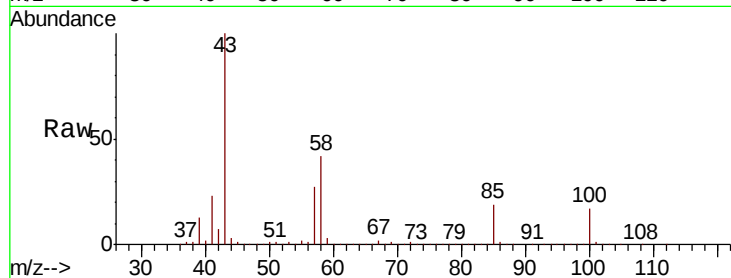




#51
 4-Methyl-2-Pentanone
 Concen: 515.814 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

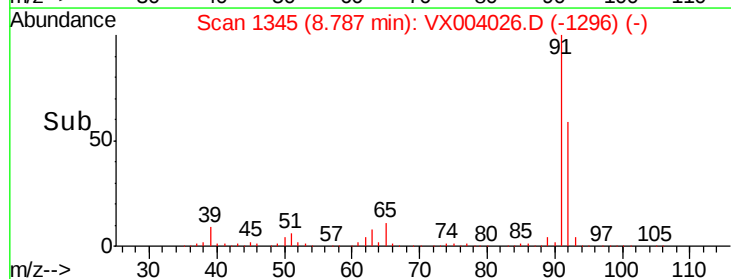
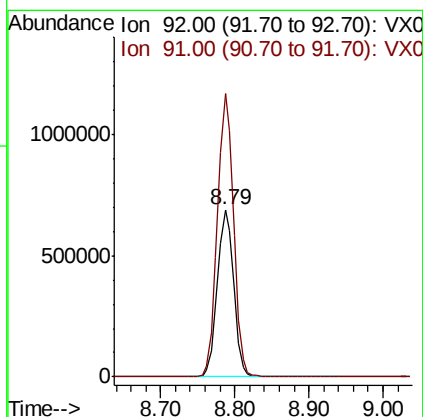
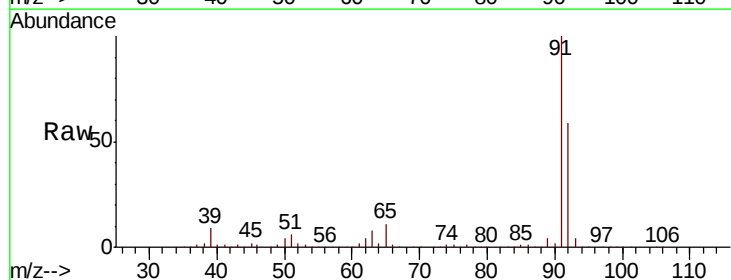
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

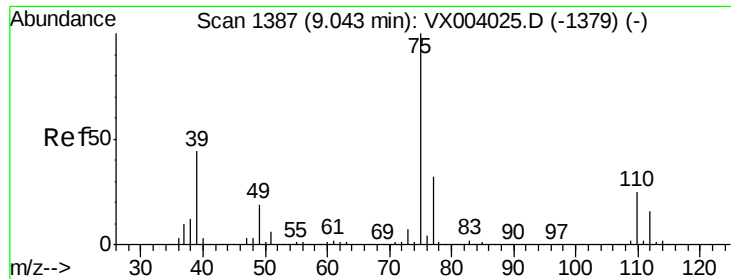
Tgt Ion: 43 Resp: 3754604
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.0 49.6



#52
 Toluene
 Concen: 98.786 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion: 92 Resp: 1037528
 Ion Ratio Lower Upper
 92 100
 91 168.5 136.1 204.1

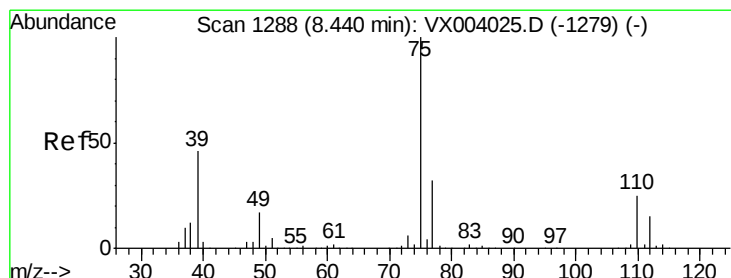
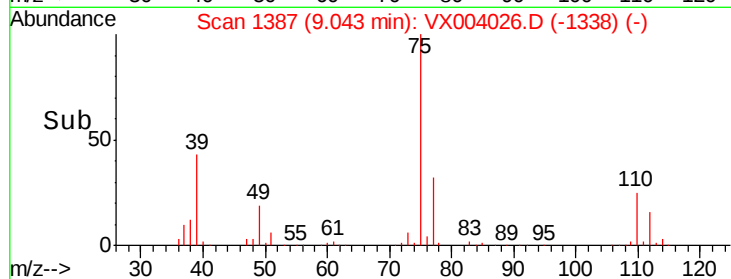
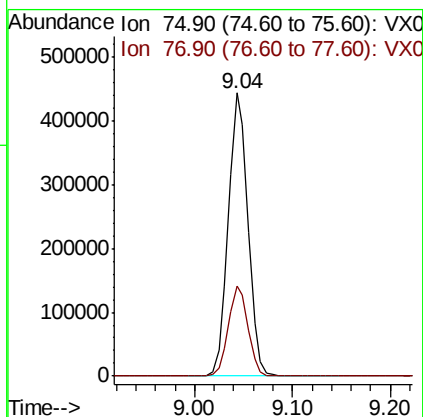
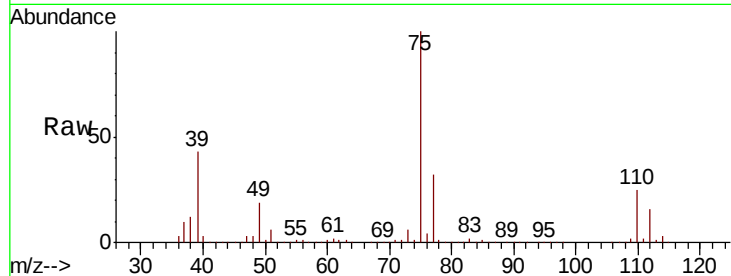




#53
 t-1,3-Dichloropropene
 Concen: 108.546 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

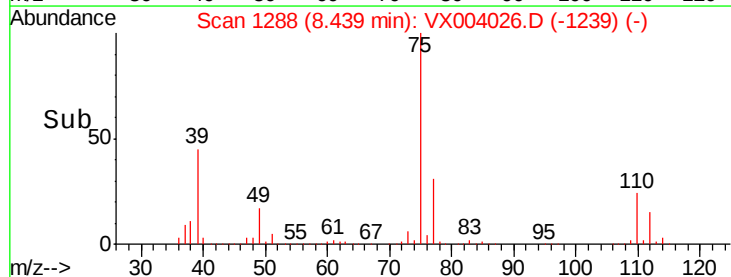
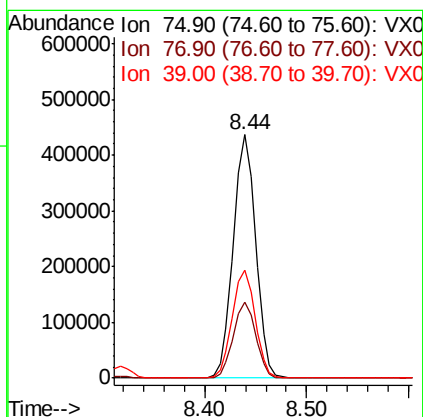
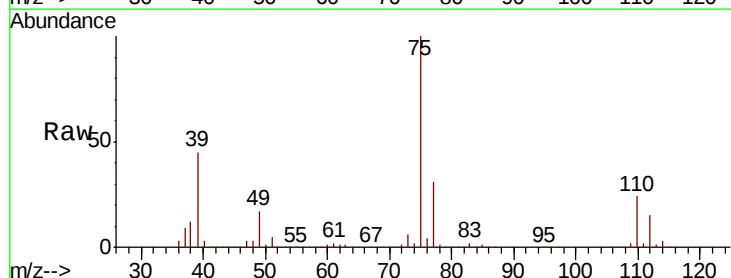
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

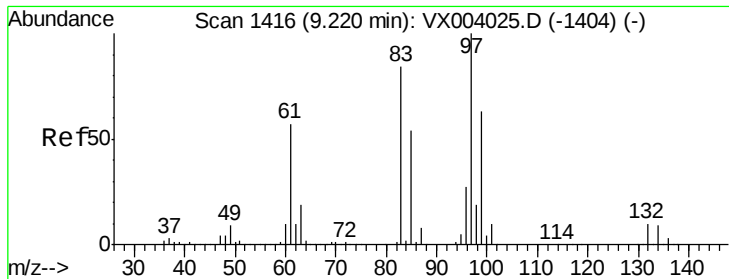
Tgt Ion: 75 Resp: 617019
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 105.078 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion: 75 Resp: 661487
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 44.5 36.2 54.2

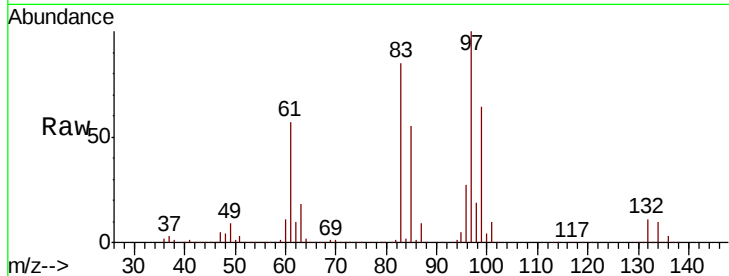




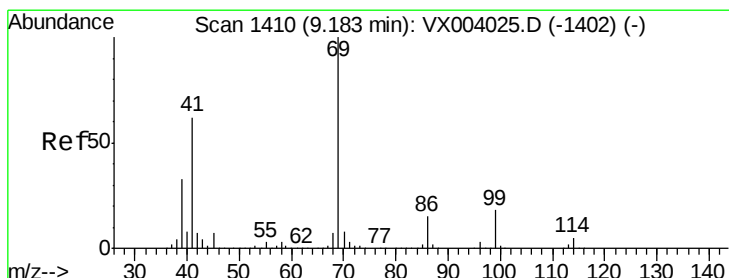
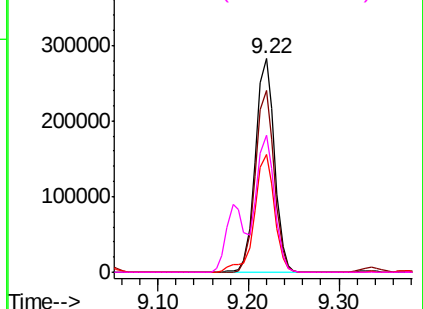
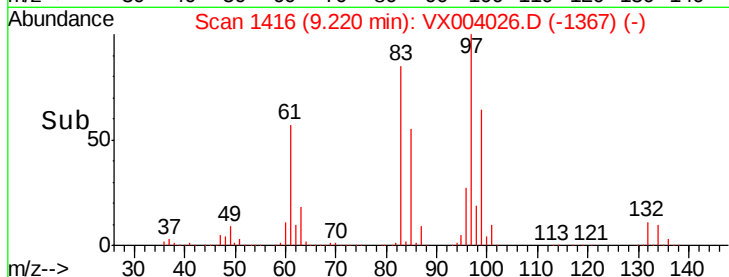
#55
 1,1,2-Trichloroethane
 Concen: 95.005 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	412056
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.6
85	55.0	44.2	66.2
99	63.8	50.8	76.2

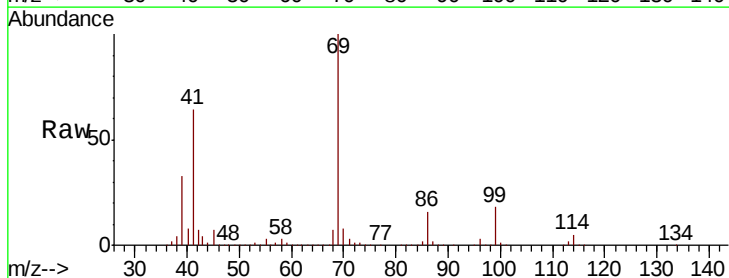


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

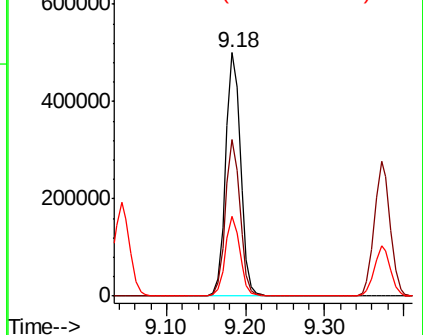
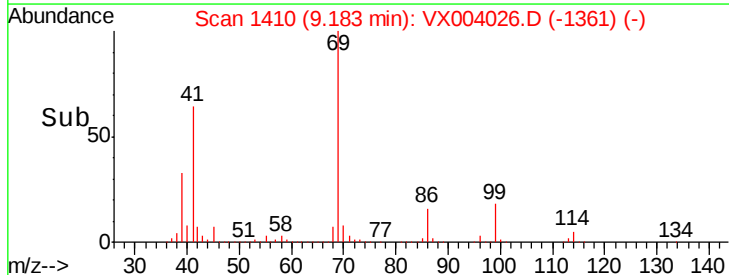


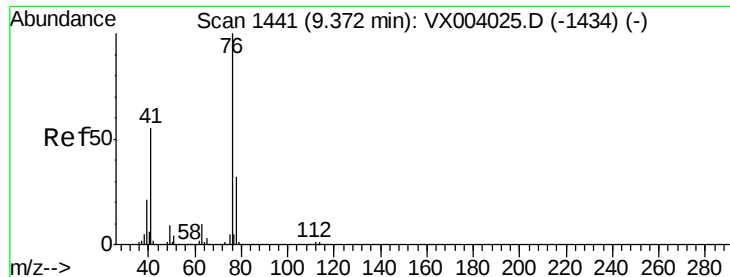
#56
 Ethyl methacrylate
 Concen: 111.364 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion:	69	Resp:	656819
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.6	76.0
39	32.1	25.8	38.6



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





#57

1,3-Dichloropropane

Concen: 97.077 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampled :

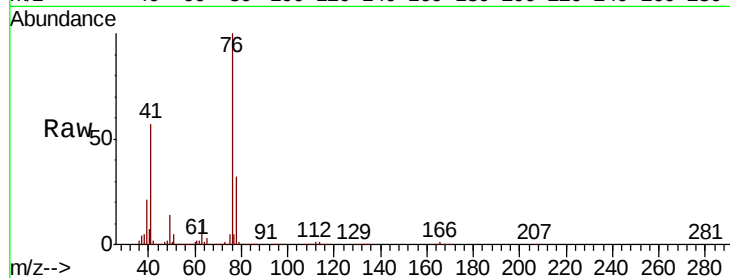
VSTDIC100

Tgt Ion: 76 Resp: 698574

Ion Ratio Lower Upper

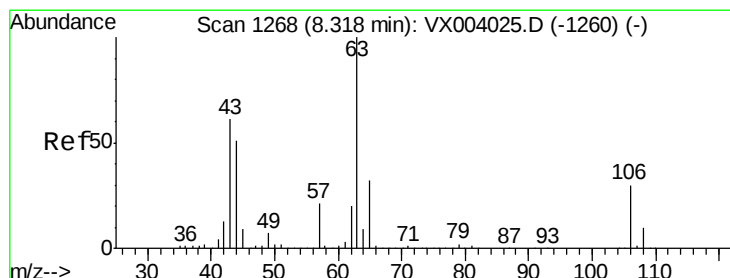
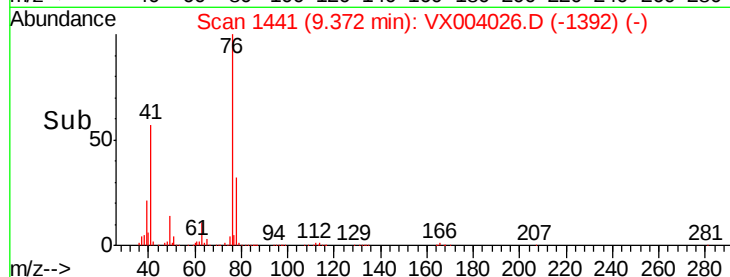
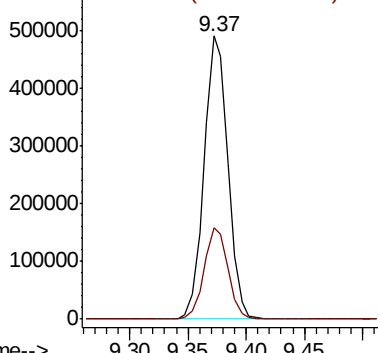
76 100

78 32.2 25.9 38.9



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: 543.937 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004026.D

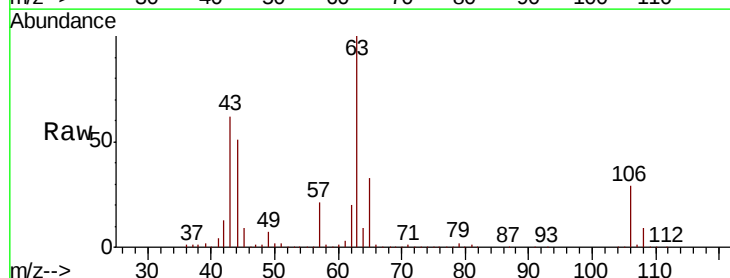
Acq: 14 Aug 2018 12:27

Tgt Ion: 63 Resp: 1633581

Ion Ratio Lower Upper

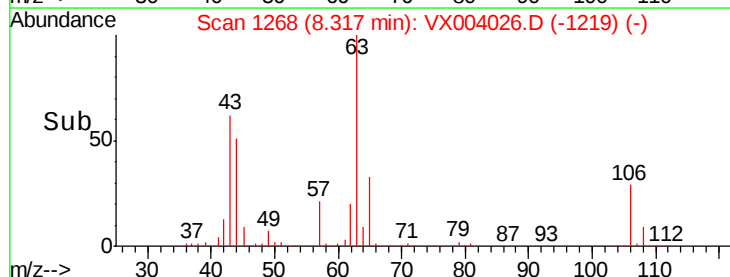
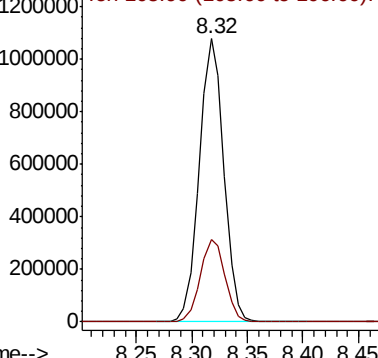
63 100

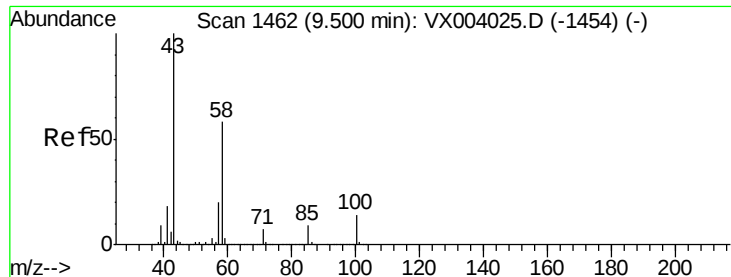
106 29.4 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

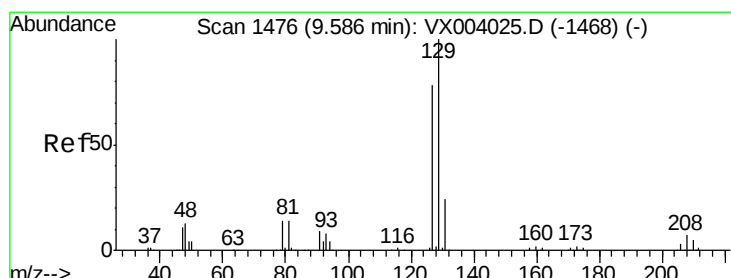
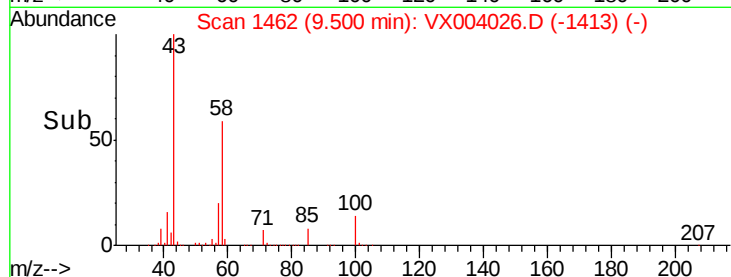
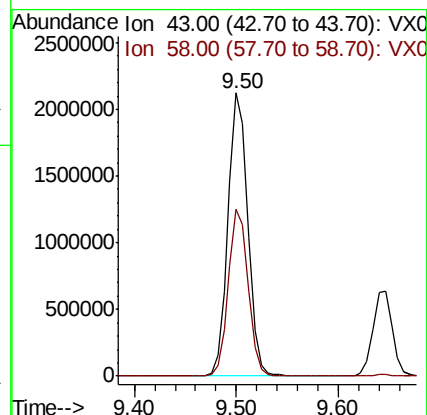
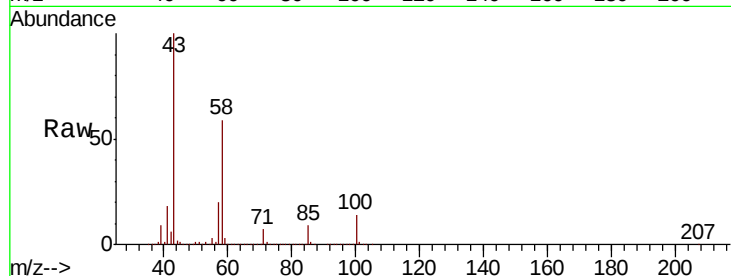




#59
2-Hexanone
Concen: 523.443 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

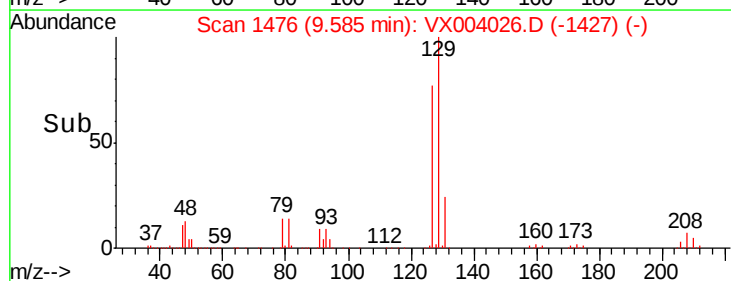
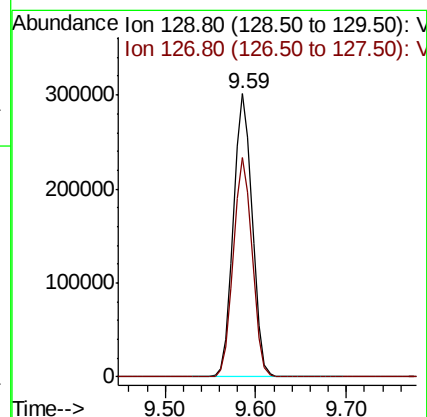
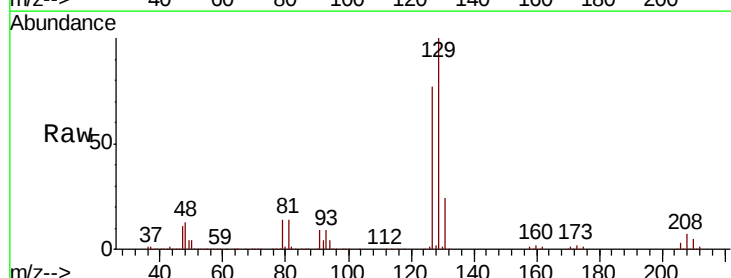
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

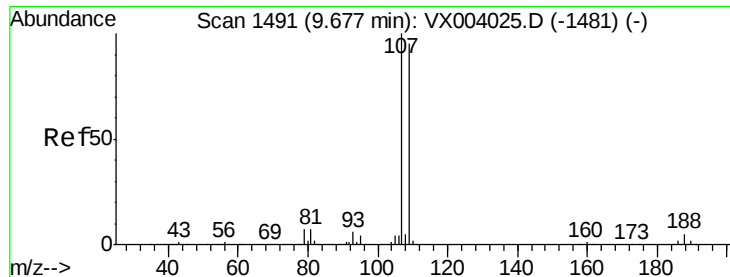
Tgt Ion: 43 Resp: 2867542
Ion Ratio Lower Upper
43 100
58 58.8 29.0 87.0



#60
Dibromochloromethane
Concen: 104.158 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion: 129 Resp: 434740
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3

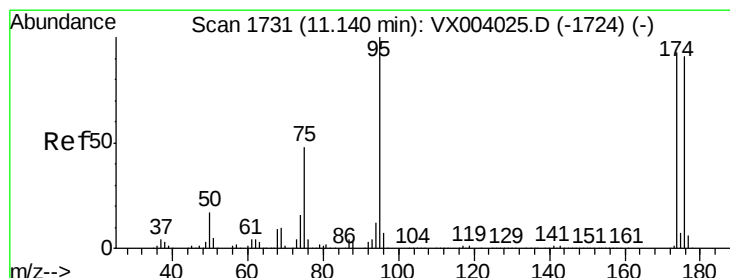
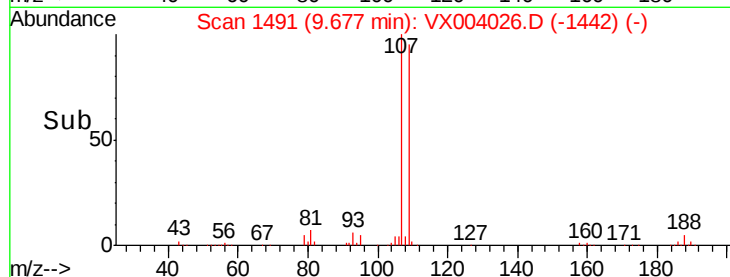
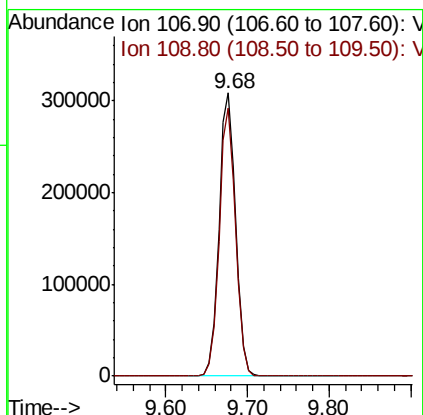
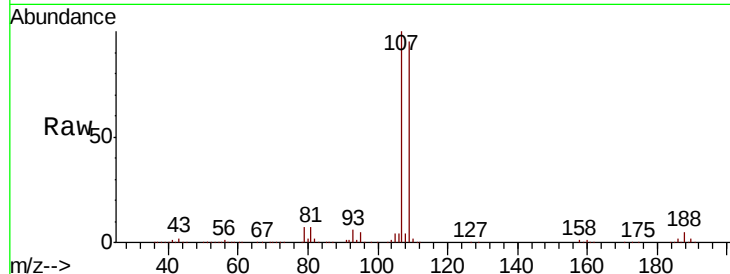




#61
 1,2-Dibromoethane
 Concen: 98.993 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

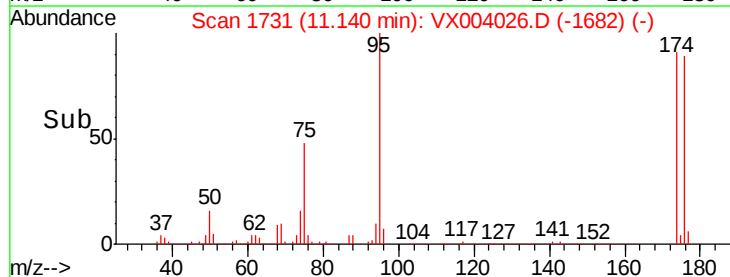
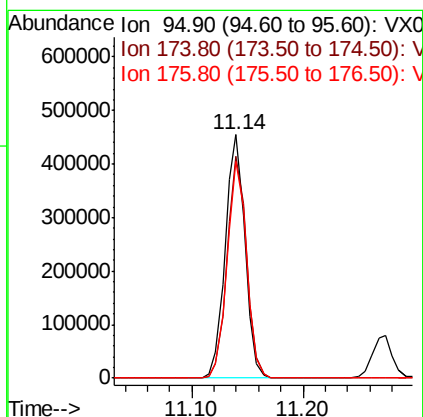
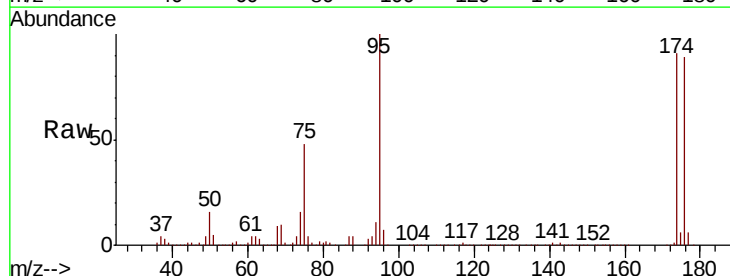
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

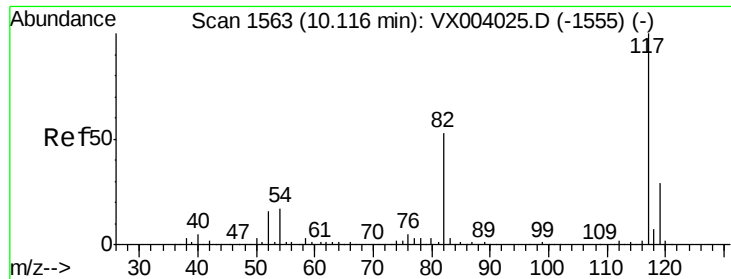
Tgt Ion: 107 Resp: 437693
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 103.680 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion: 95 Resp: 554583
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 182.8
 176 88.1 0.0 179.0

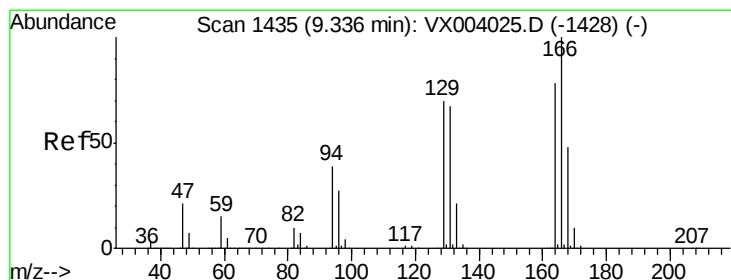
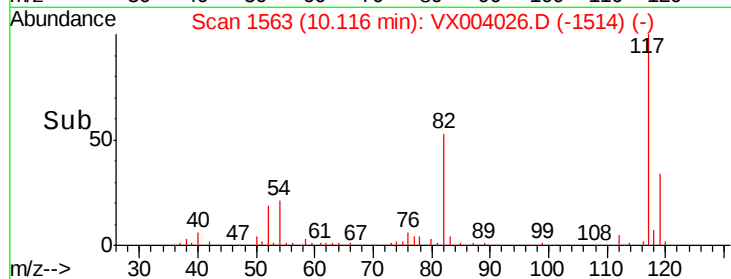
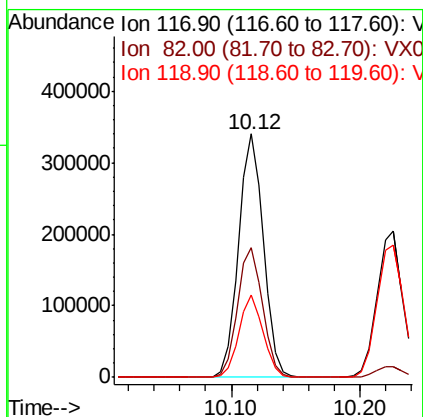
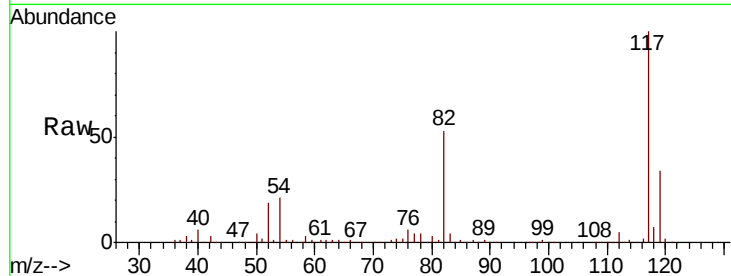




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

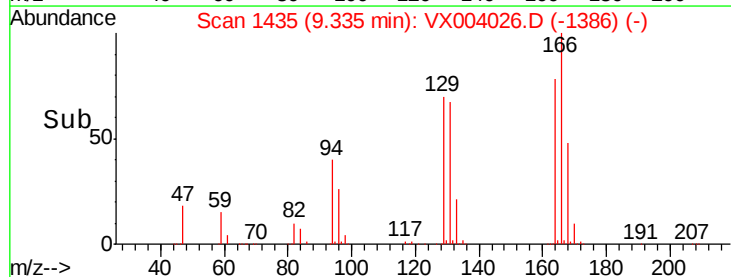
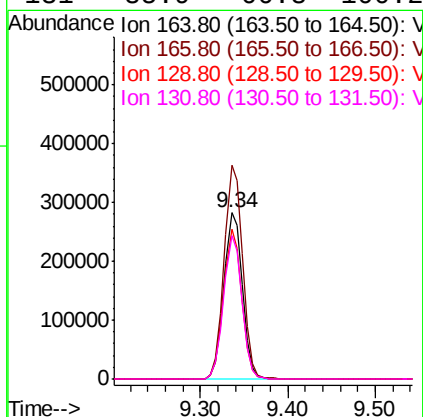
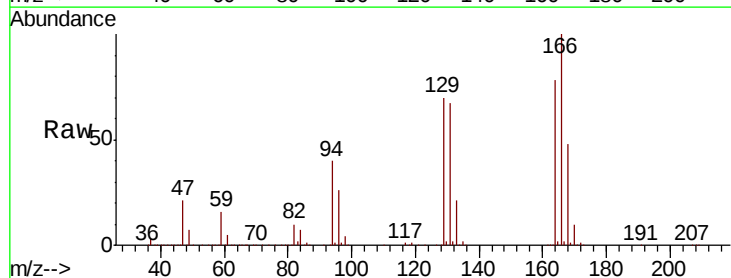
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

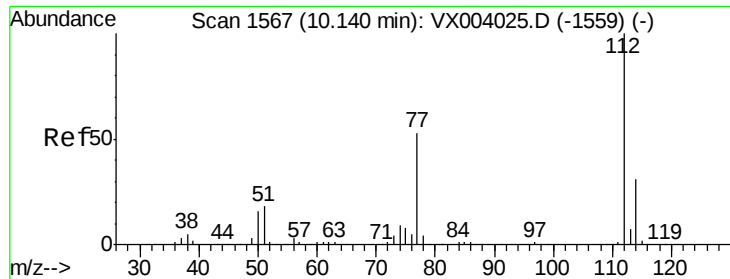
Tgt Ion:117 Resp: 454499
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 34.0 26.6 40.0



#64
Tetrachloroethene
Concen: 95.655 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion:164 Resp: 412052
Ion Ratio Lower Upper
164 100
166 128.5 98.0 147.0
129 90.2 64.3 96.5
131 85.9 66.8 100.2

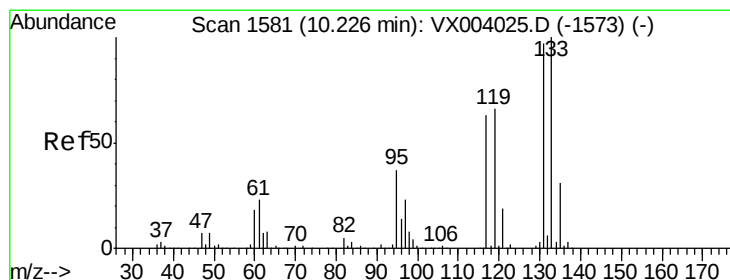
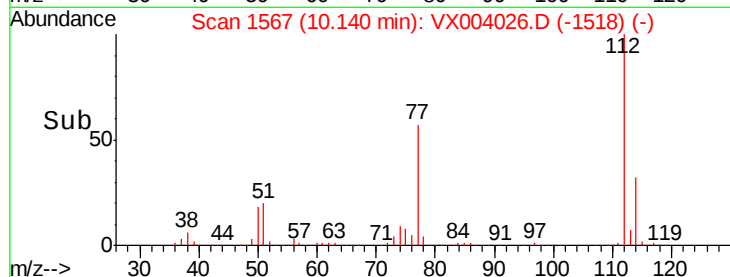
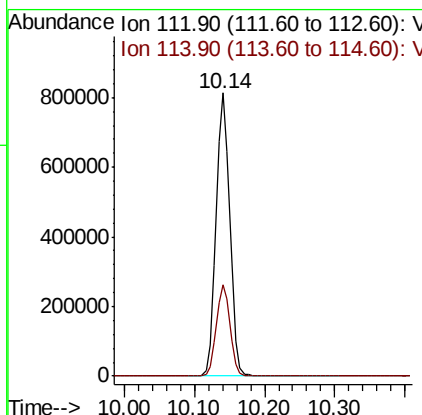
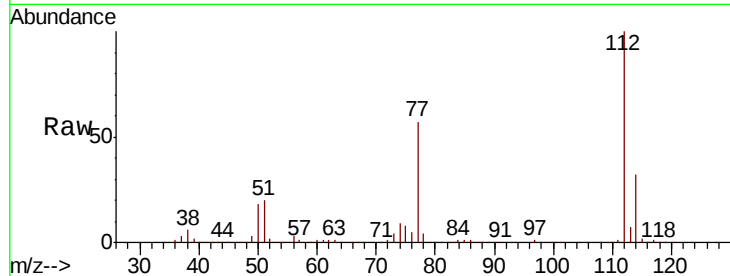




#65
Chlorobenzene
Concen: 94.338 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

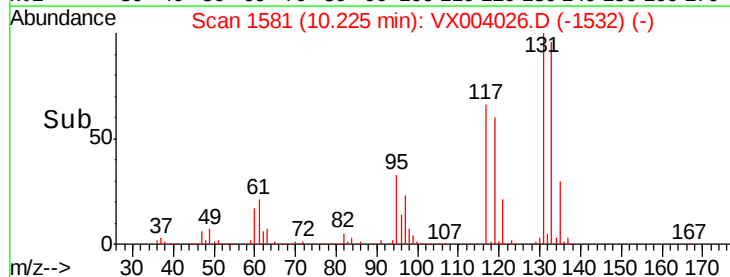
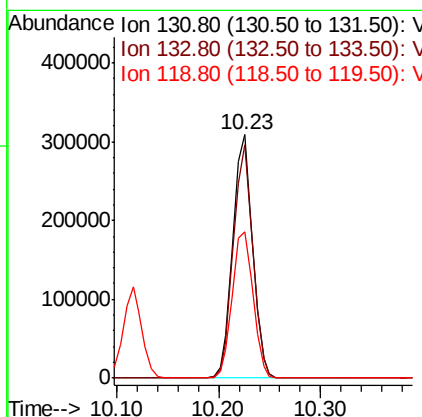
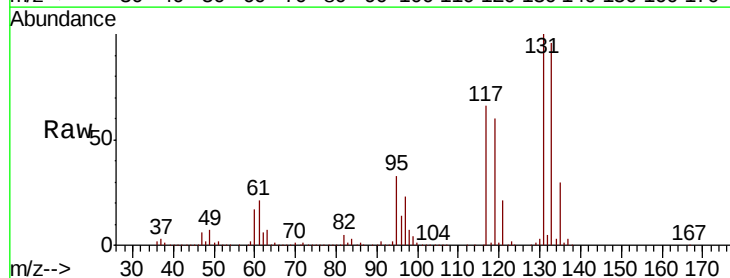
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

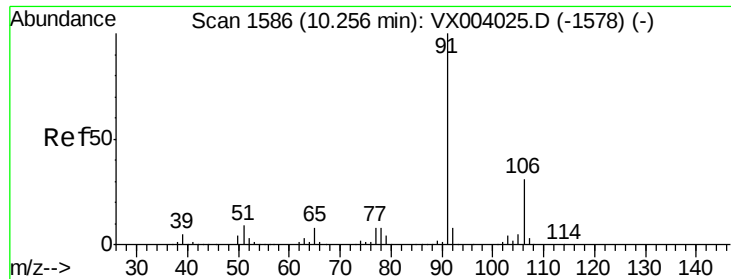
Tgt Ion:112 Resp: 1107554
Ion Ratio Lower Upper
112 100
114 32.3 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 102.583 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion:131 Resp: 410763
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.8
119 63.7 31.6 94.8

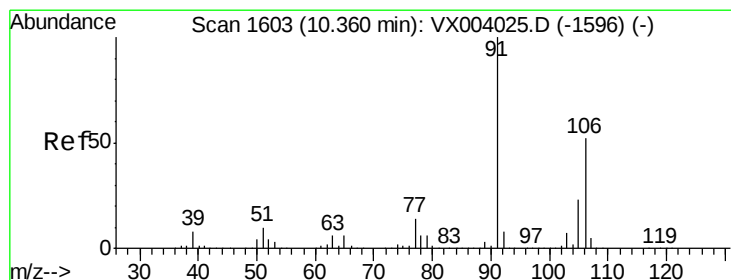
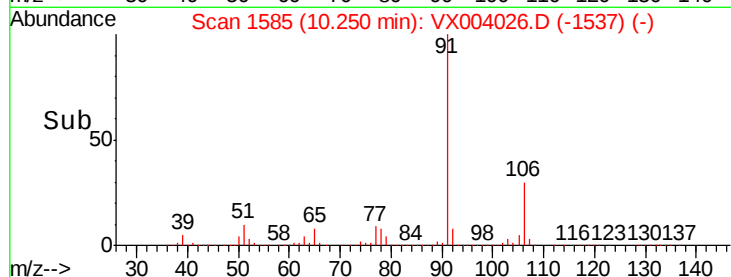
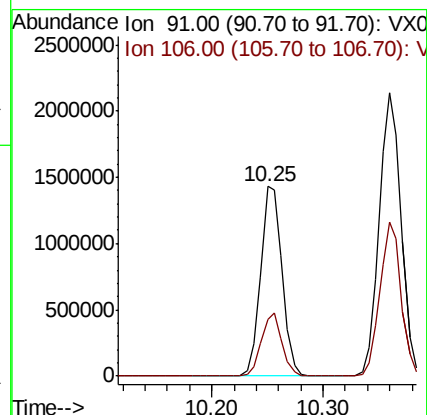
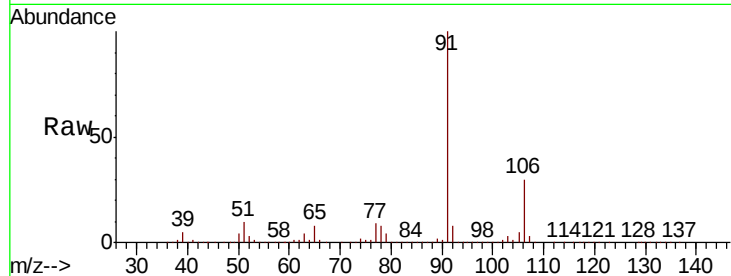




#67
Ethyl Benzene
Concen: 103.536 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

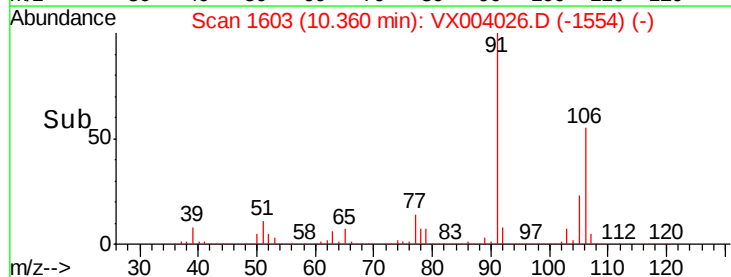
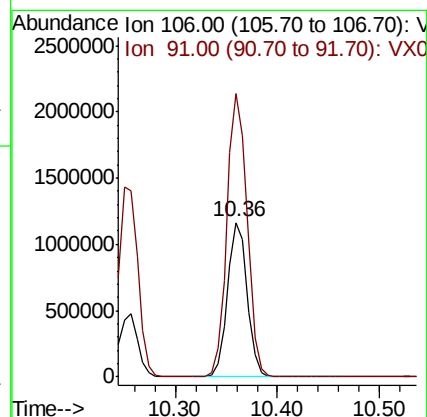
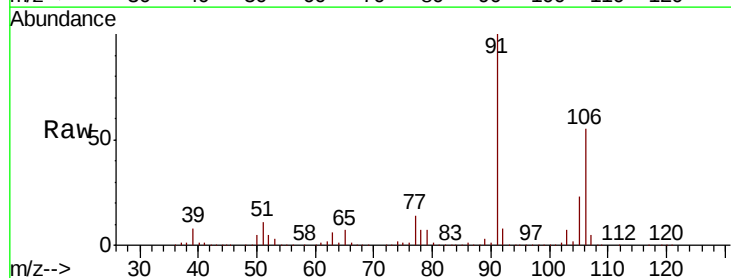
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

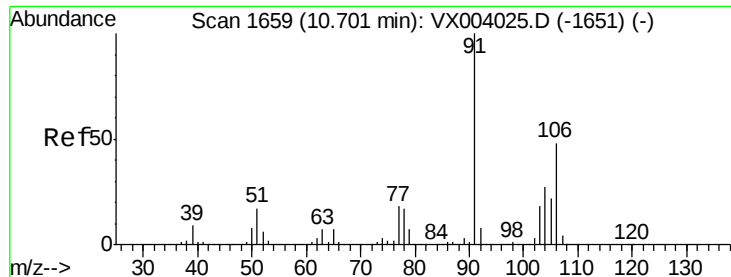
Tgt Ion: 91 Resp: 1924826
Ion Ratio Lower Upper
91 100
106 30.0 25.9 38.9



#68
m/p-Xylenes
Concen: 213.283 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion: 106 Resp: 1552711
Ion Ratio Lower Upper
106 100
91 189.4 162.3 243.5

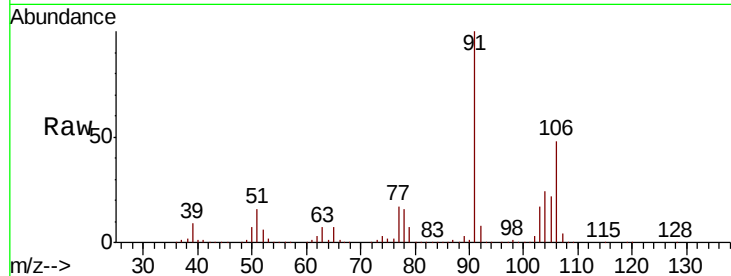




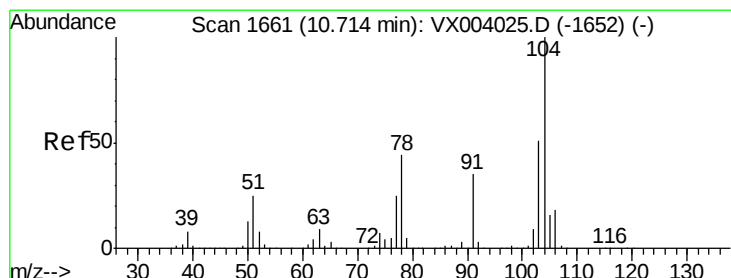
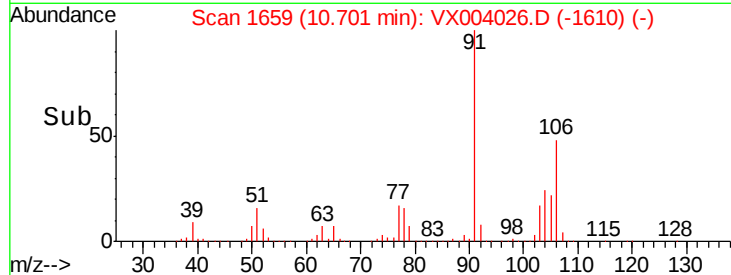
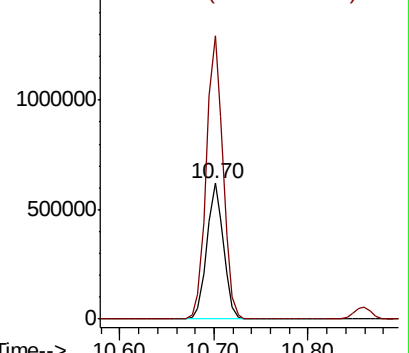
#69
o-Xylene
Concen: 108.448 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion:106 Resp: 754515
Ion Ratio Lower Upper
106 100
91 210.1 101.9 305.7

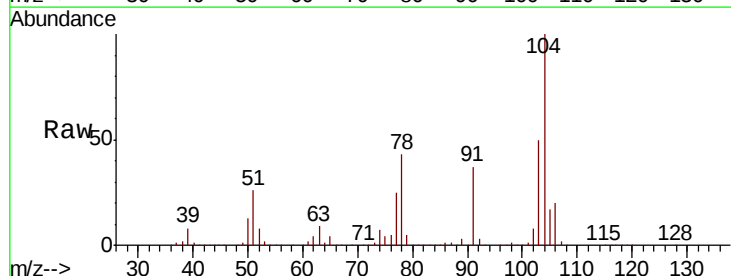


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

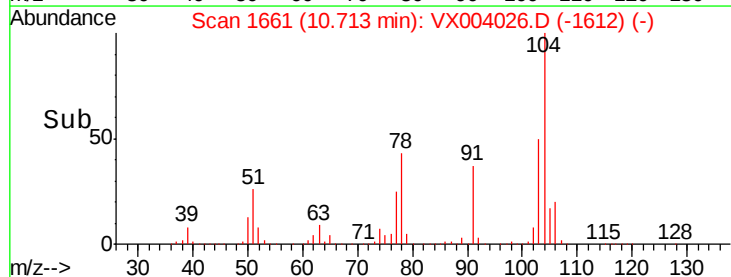
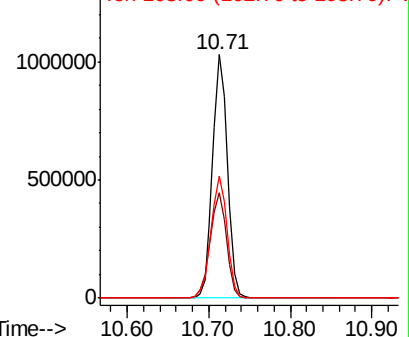


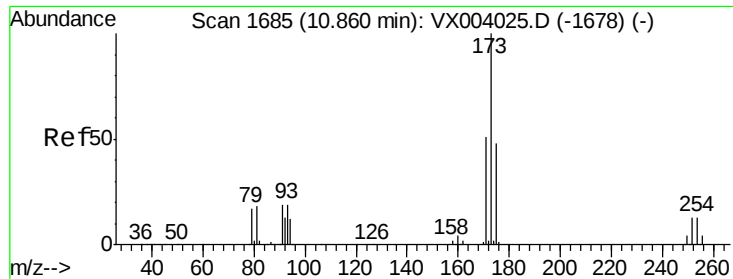
#70
Styrene
Concen: 110.690 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion:104 Resp: 1296063
Ion Ratio Lower Upper
104 100
78 47.7 39.8 59.6
103 54.3 44.3 66.5



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

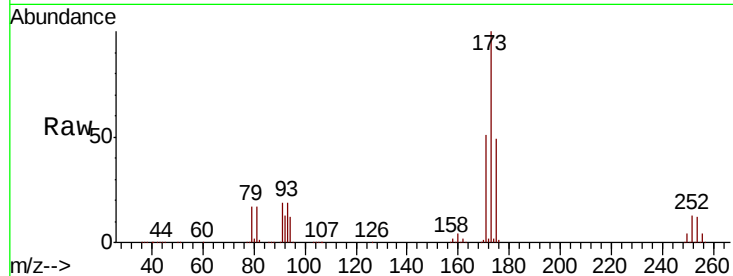




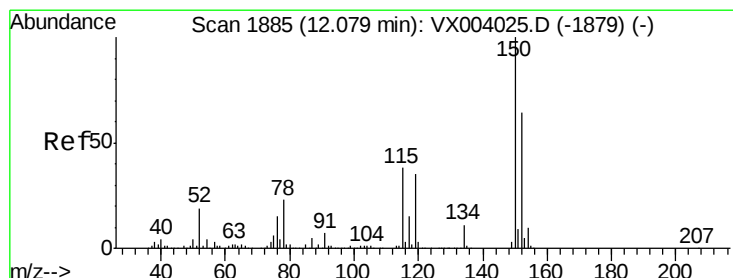
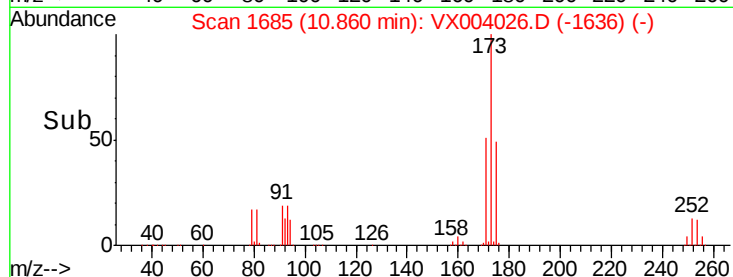
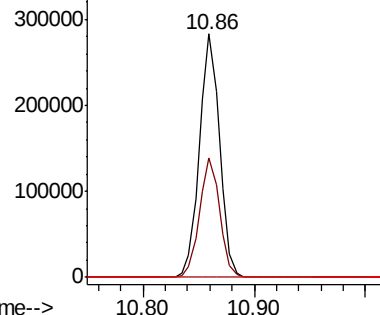
#71
Bromoform
Concen: 111.703 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 354682
Ion Ratio Lower Upper
173 100
175 48.9 24.9 74.7
254 0.2 0.2 0.2

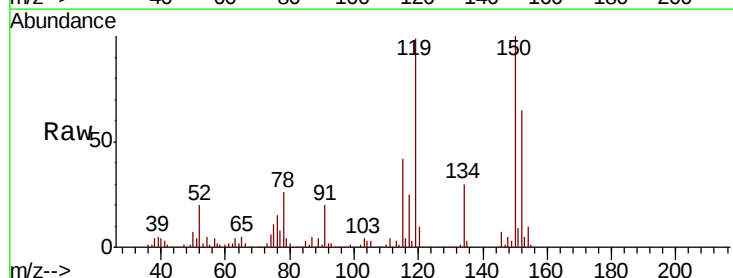


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

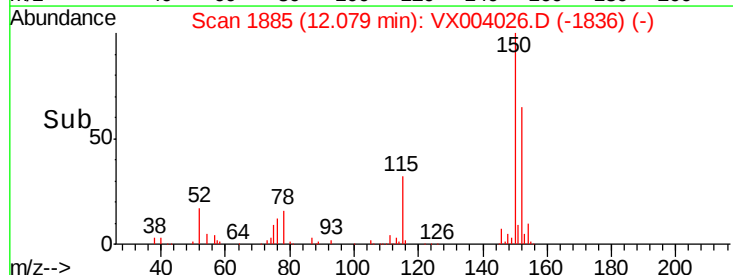
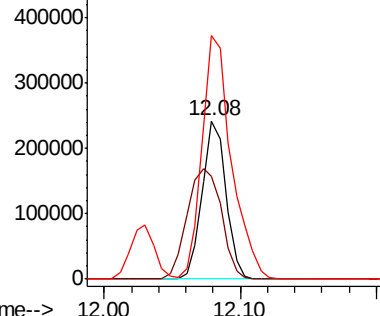


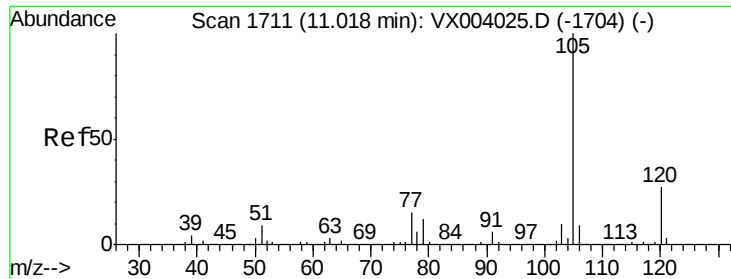
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion:152 Resp: 294679
Ion Ratio Lower Upper
152 100
115 100.0 39.1 117.3
150 190.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 101.248 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

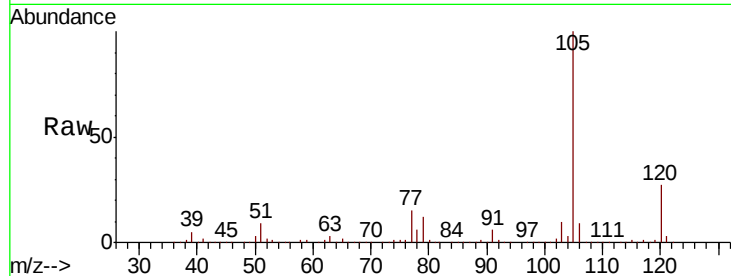
VSTDIC100

Tgt Ion:105 Resp: 2019053

Ion Ratio Lower Upper

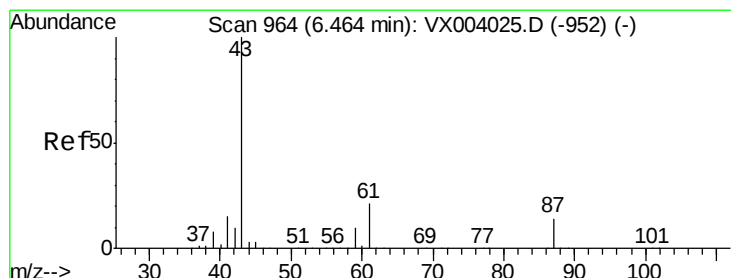
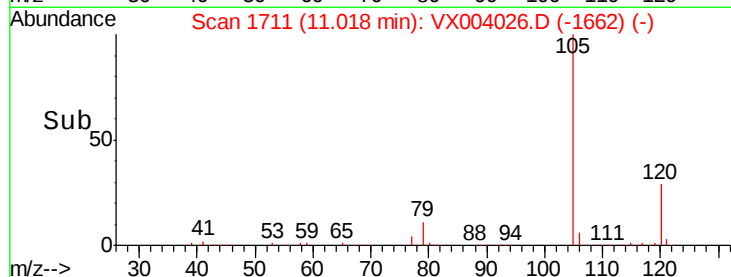
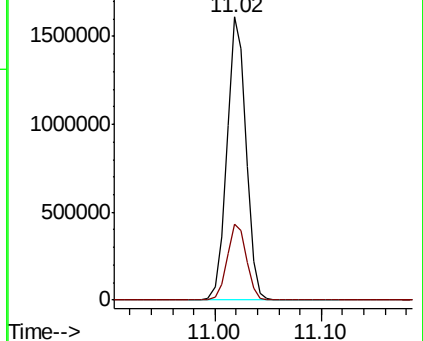
105 100

120 27.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 95.823 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Tgt Ion: 43 Resp: 898786

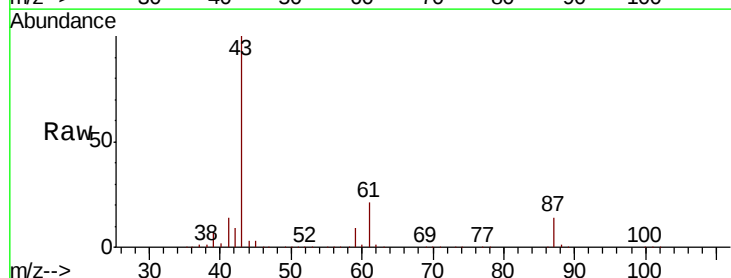
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.1 0.1#

61 21.2 16.9 25.3

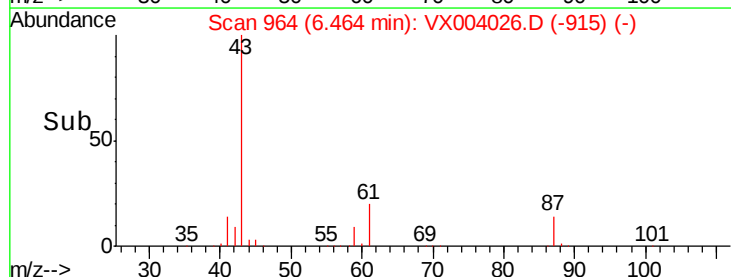
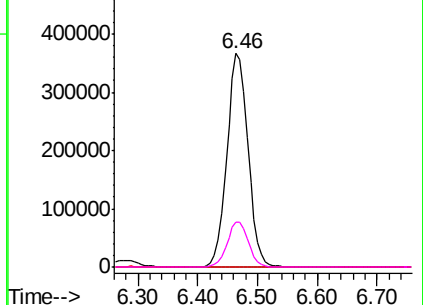


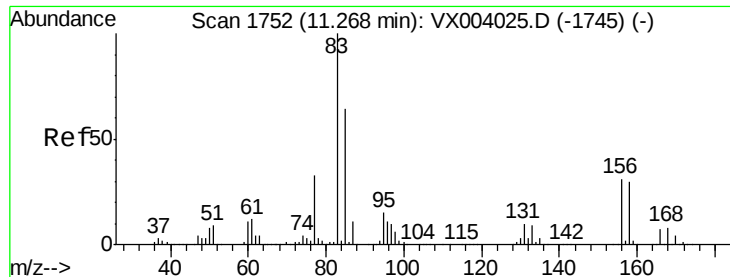
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 93.480 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

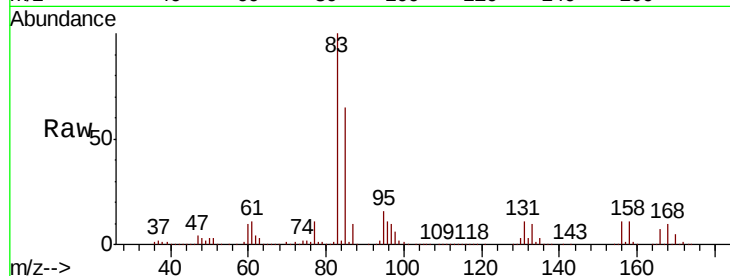
Tgt Ion: 83 Resp: 650992

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

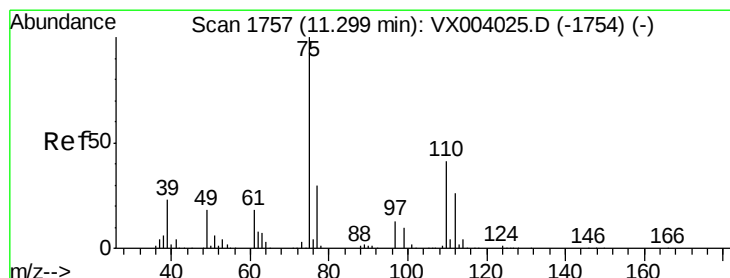
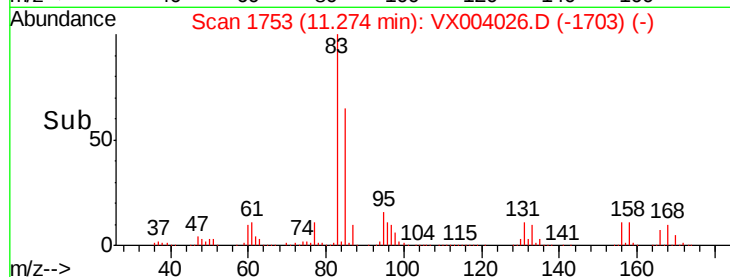
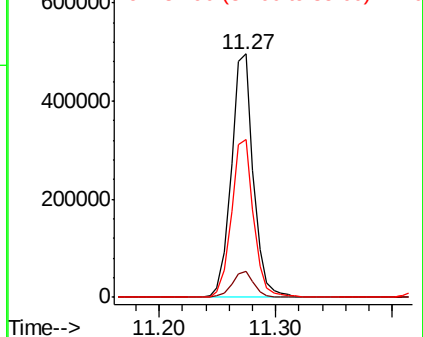
85 65.4 32.2 96.6



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: 130.710 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004026.D

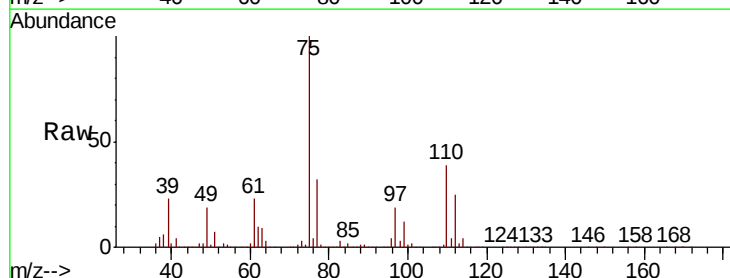
Acq: 14 Aug 2018 12:27

Tgt Ion: 75 Resp: 772442

Ion Ratio Lower Upper

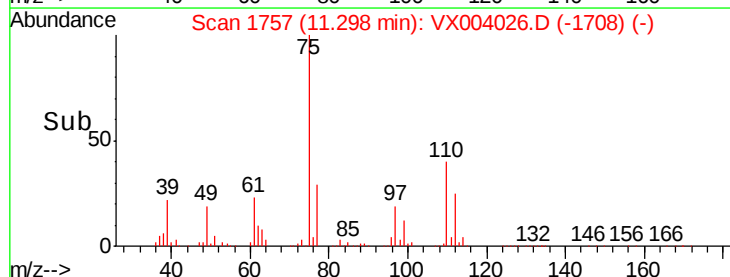
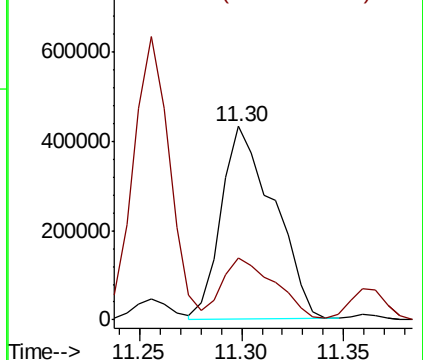
75 100

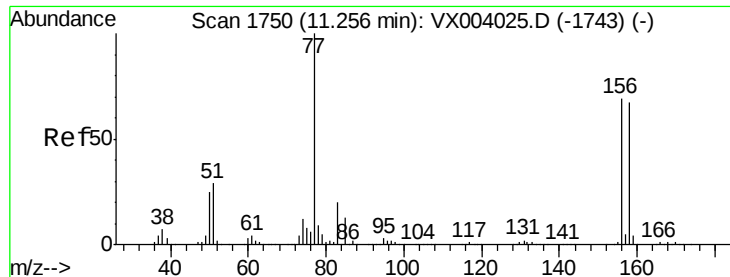
77 32.5 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 97.289 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

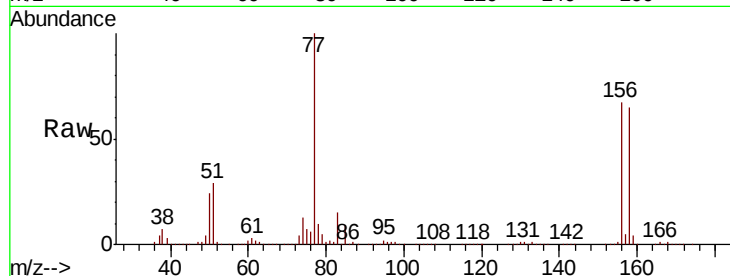
Tgt Ion:156 Resp: 534824

Ion Ratio Lower Upper

156 100

77 146.8 74.1 222.2

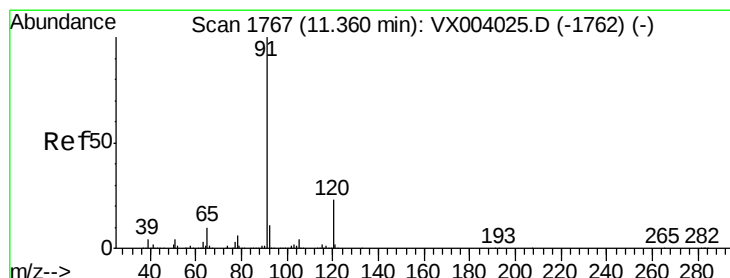
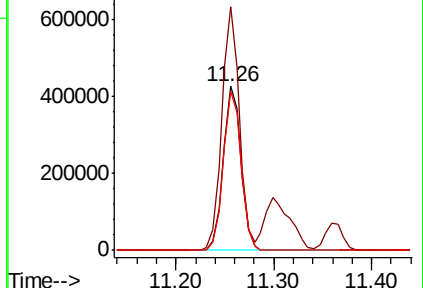
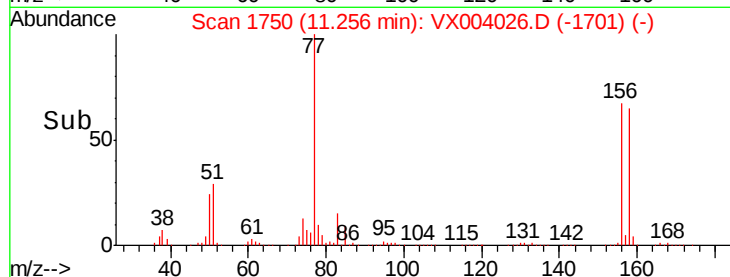
158 97.5 48.6 145.9



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: 103.461 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004026.D

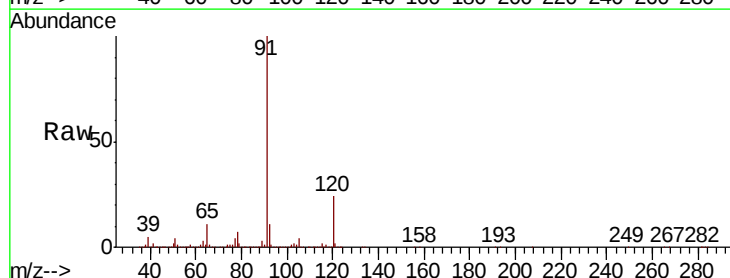
Acq: 14 Aug 2018 12:27

Tgt Ion: 91 Resp: 2308918

Ion Ratio Lower Upper

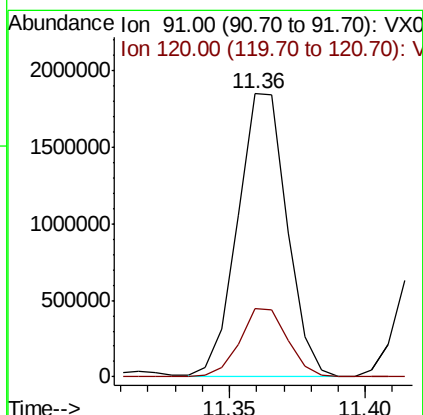
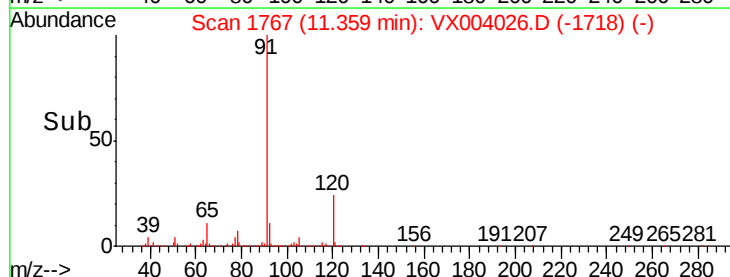
91 100

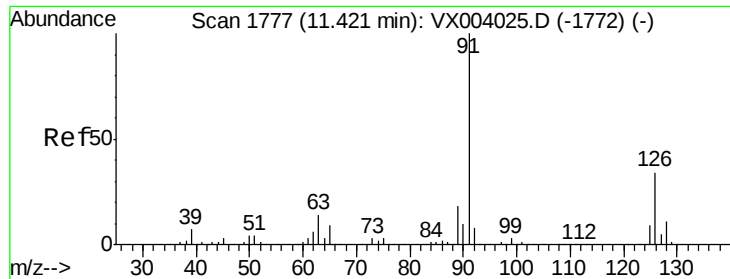
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.333 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

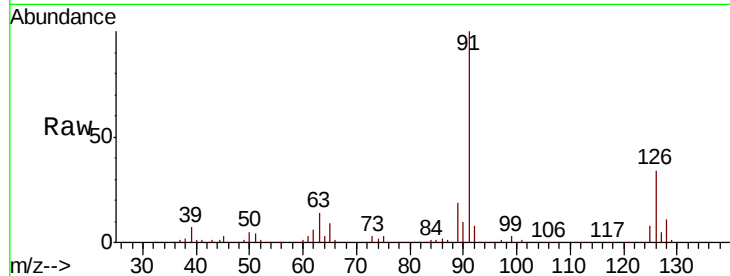
VSTDIC100

Tgt Ion: 91 Resp: 1323743

Ion Ratio Lower Upper

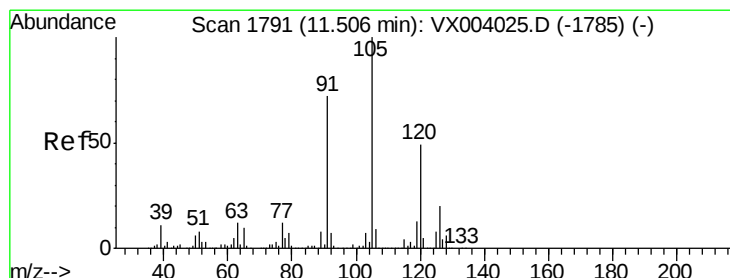
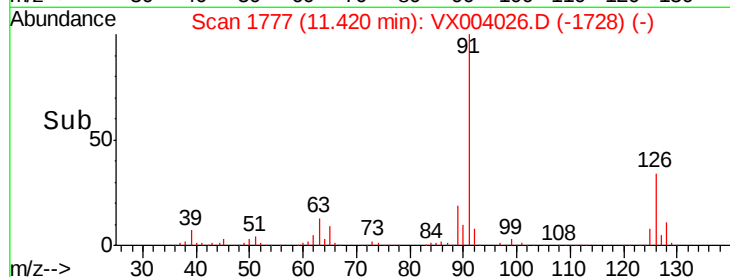
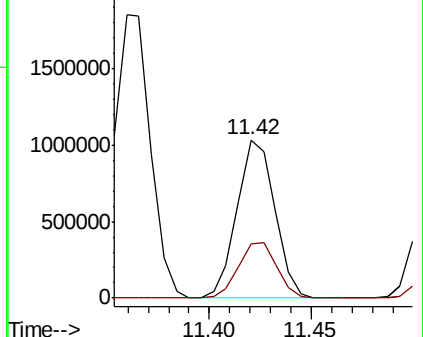
91 100

126 35.7 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 104.403 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004026.D

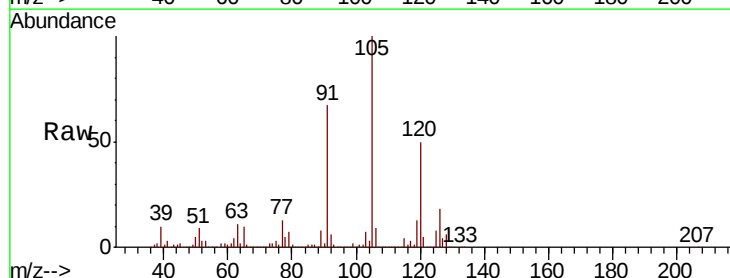
Acq: 14 Aug 2018 12:27

Tgt Ion: 105 Resp: 1704749

Ion Ratio Lower Upper

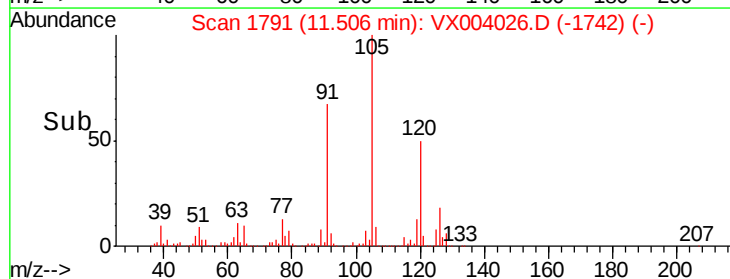
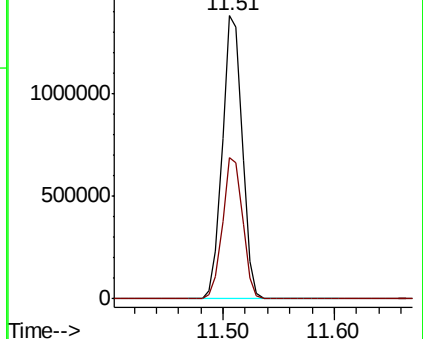
105 100

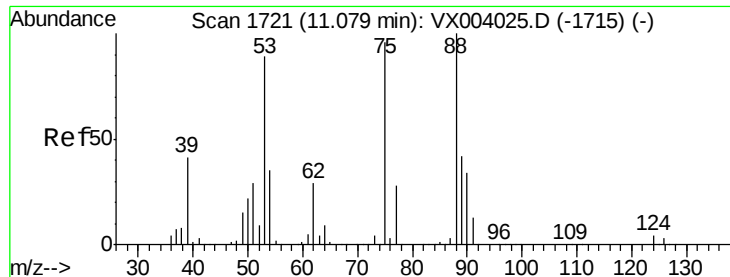
120 50.5 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 113.042 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

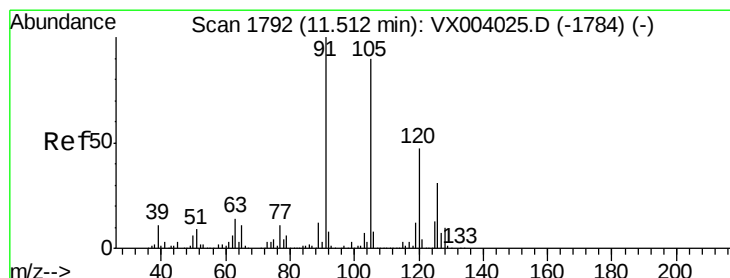
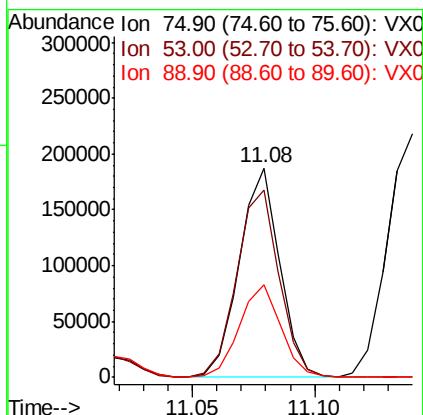
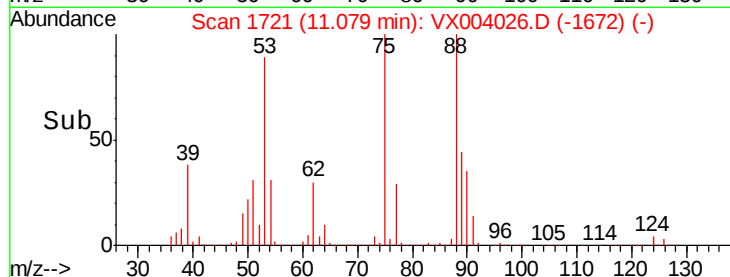
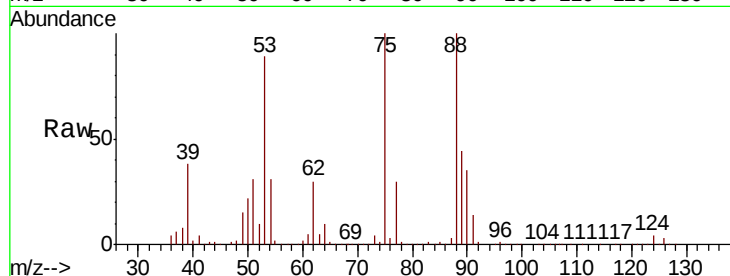
Tgt Ion: 75 Resp: 215803

Ion Ratio Lower Upper

75 100

53 93.7 80.3 120.5

89 45.7 37.8 56.8



#82

4-Chlorotoluene

Concen: 100.962 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004026.D

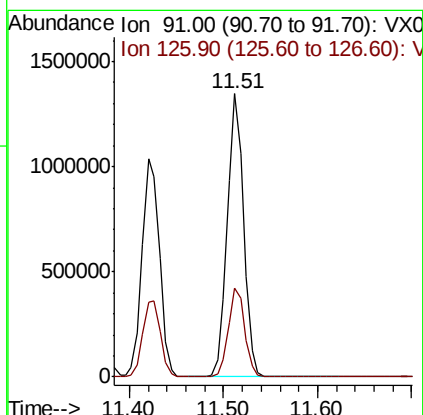
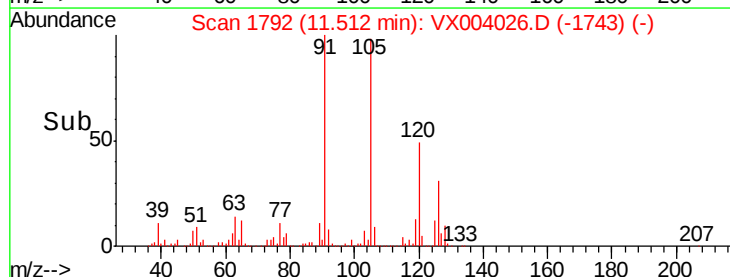
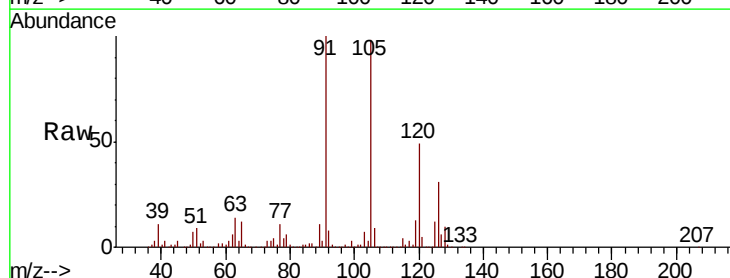
Acq: 14 Aug 2018 12:27

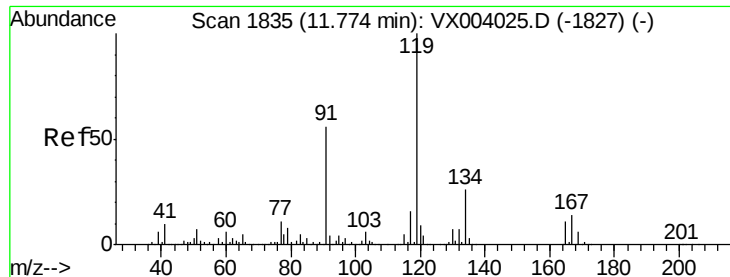
Tgt Ion: 91 Resp: 1623077

Ion Ratio Lower Upper

91 100

126 31.2 15.6 46.7

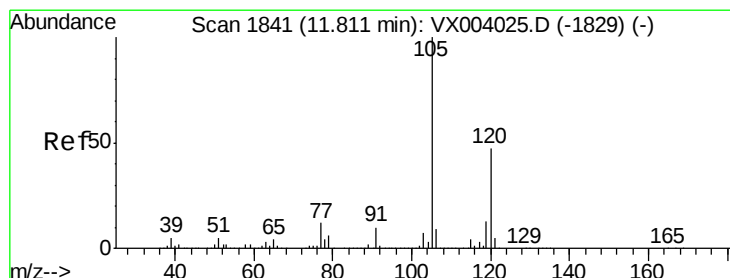
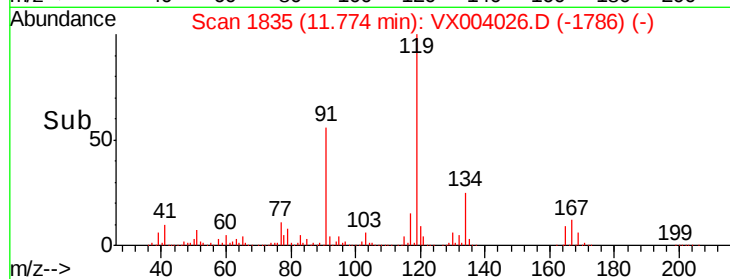
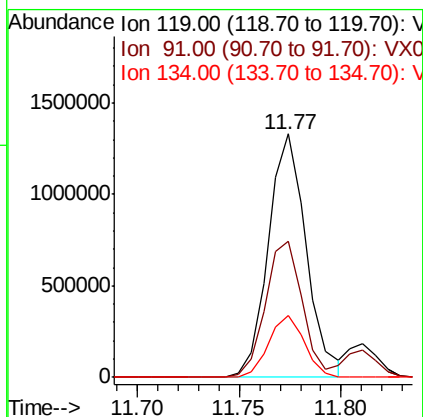
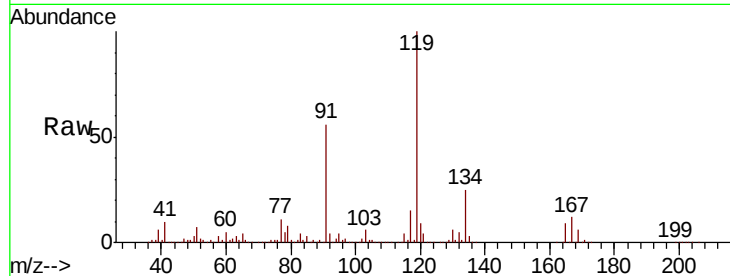




#83
 tert-Butylbenzene
 Concen: 104.592 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

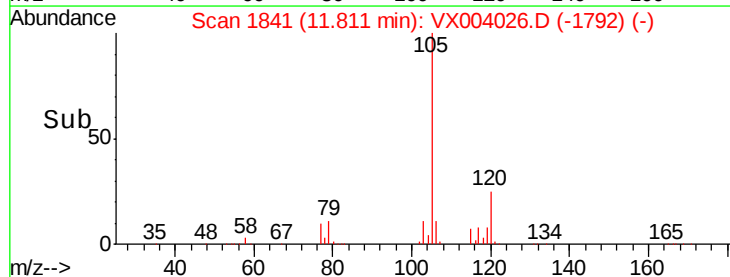
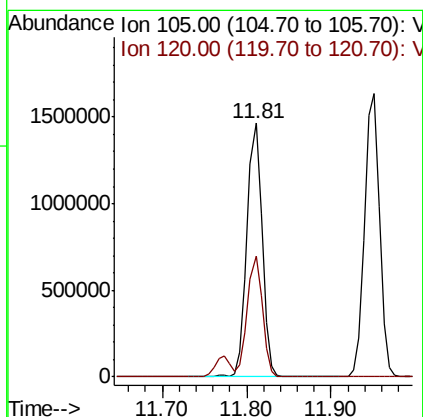
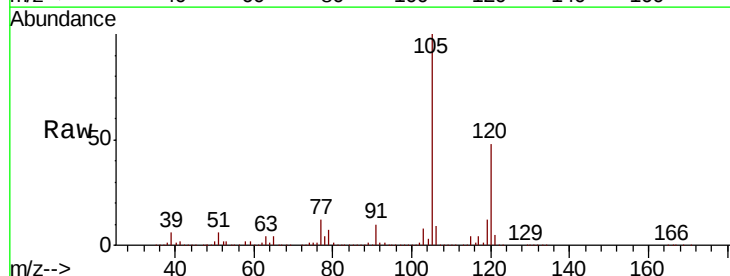
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

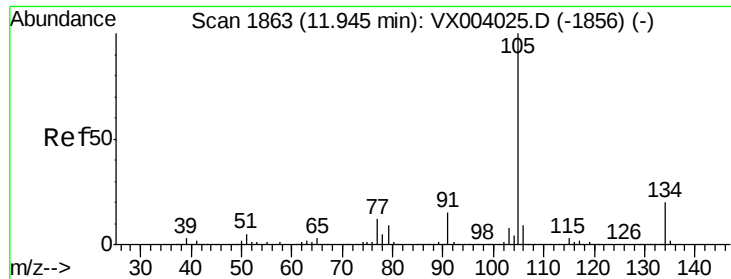
Tgt Ion:119 Resp: 1721933
 Ion Ratio Lower Upper
 119 100
 91 54.0 26.9 80.7
 134 24.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 103.627 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion:105 Resp: 1752489
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 105.282 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

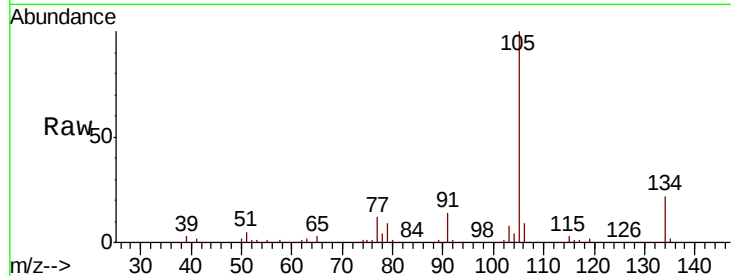
VSTDIC100

Tgt Ion:105 Resp: 2028662

Ion Ratio Lower Upper

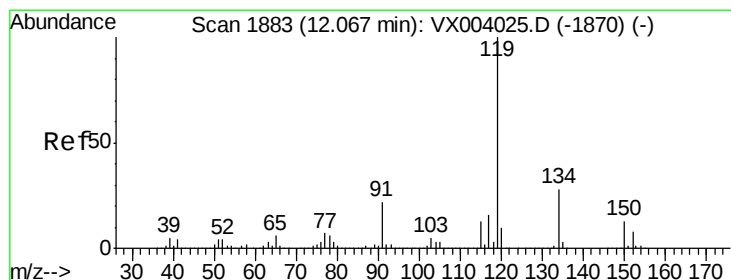
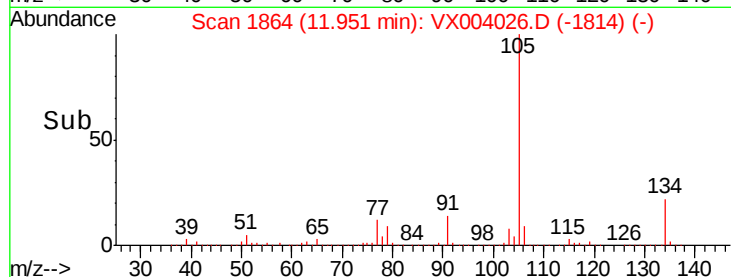
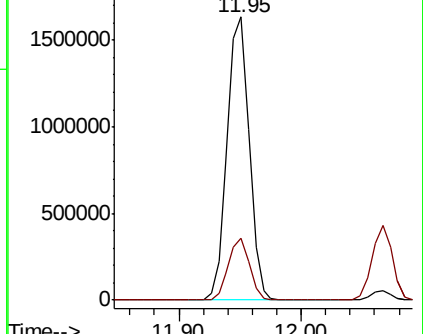
105 100

134 21.1 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 105.684 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

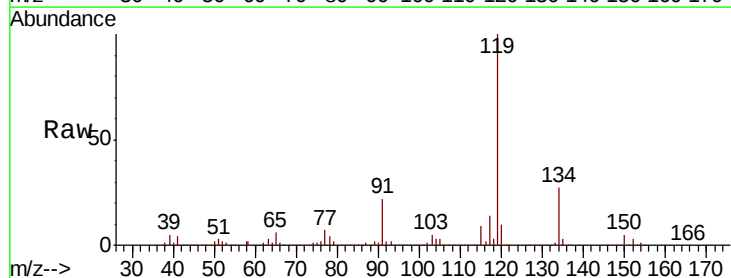
Tgt Ion:119 Resp: 1843557

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

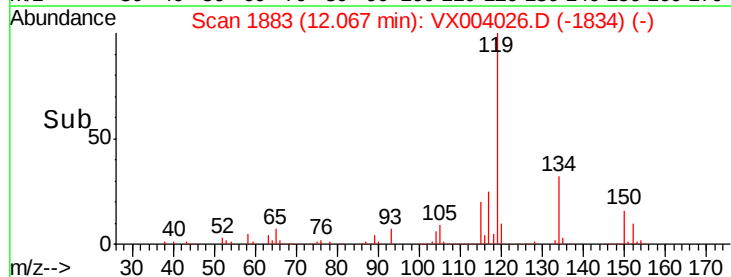
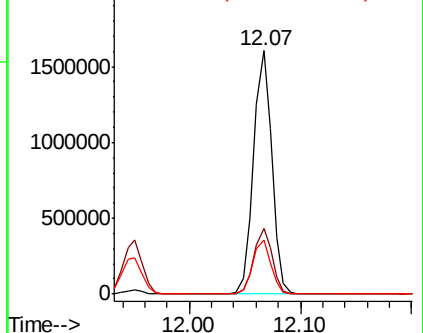
91 22.0 10.9 32.7

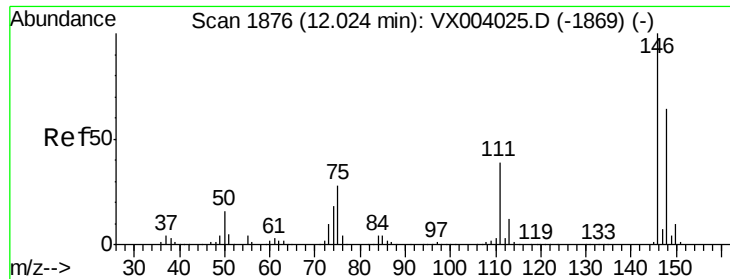


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

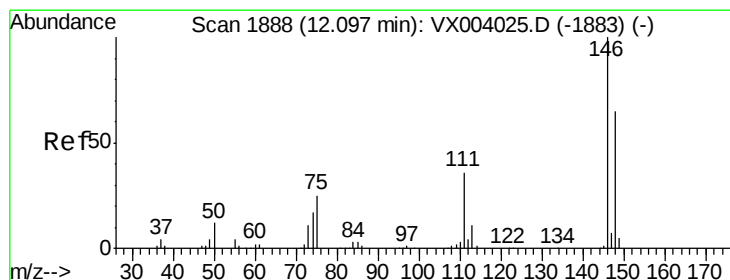
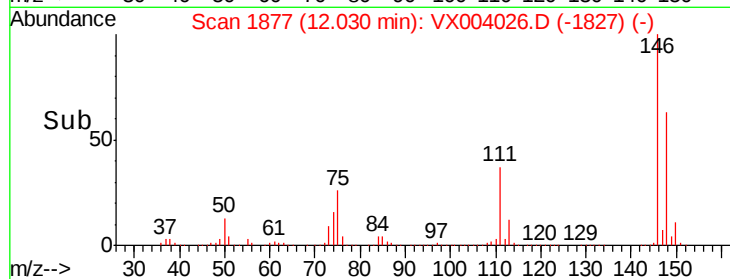
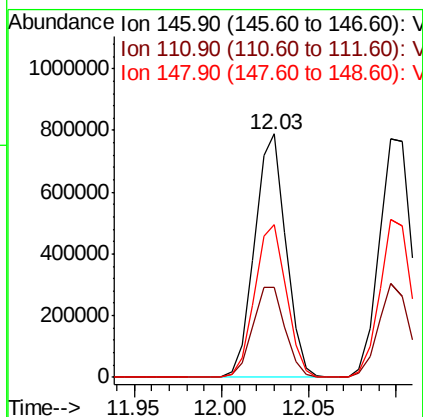
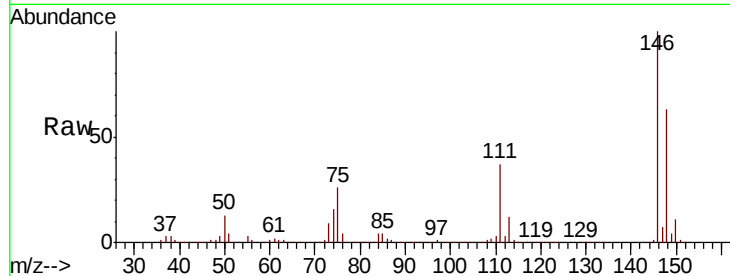




#87
 1,3-Dichlorobenzene
 Concen: 93.597 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

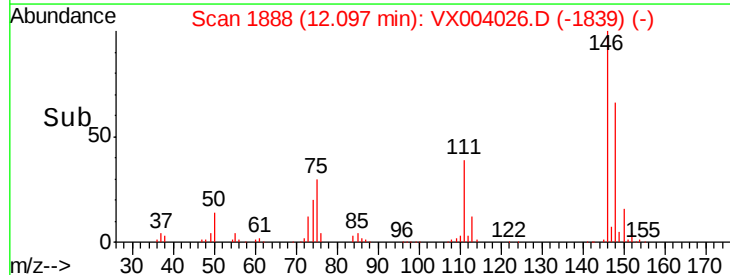
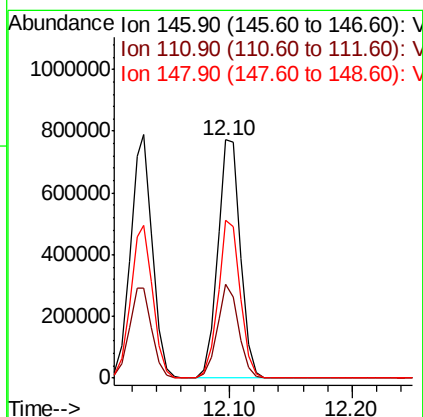
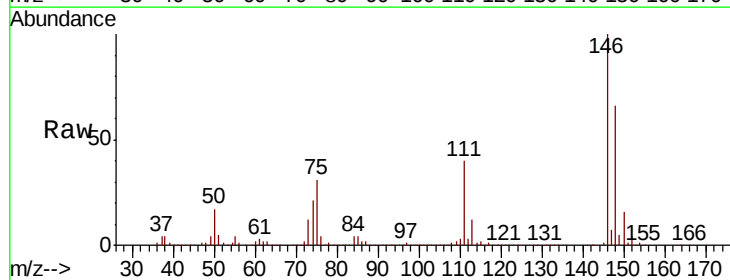
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

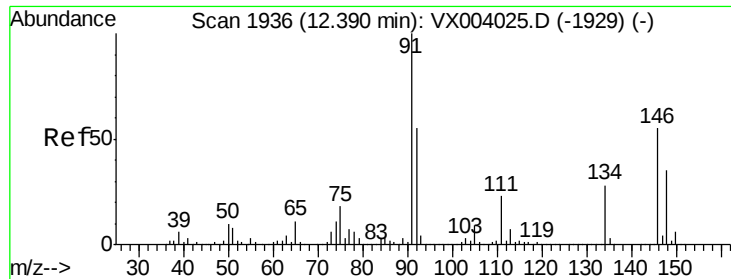
Tgt Ion:146 Resp: 981326
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.4
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 92.302 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion:146 Resp: 996001
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.0
 148 64.4 32.3 96.8

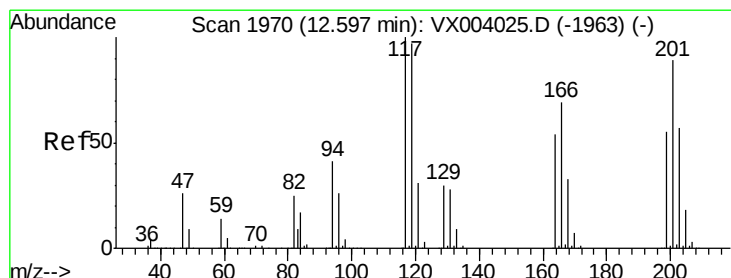
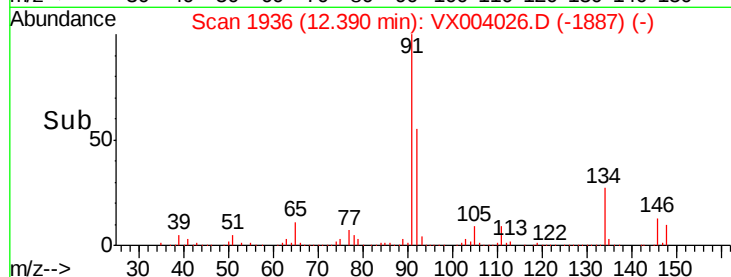
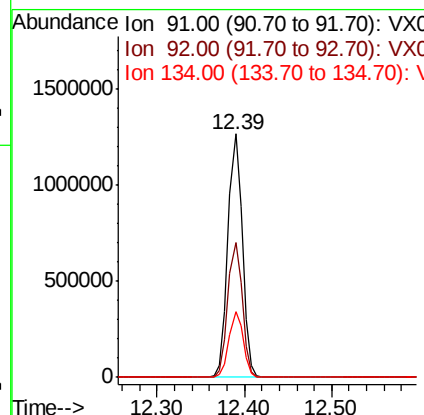
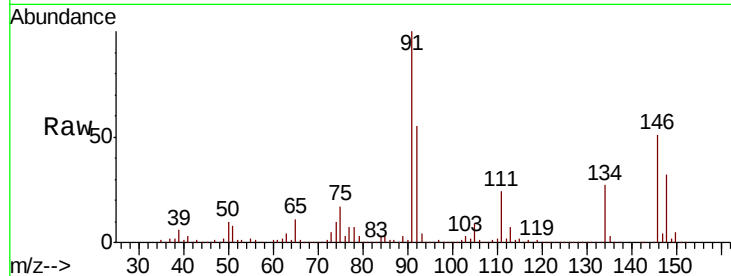




#89
n-Butylbenzene
Concen: 103.661 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

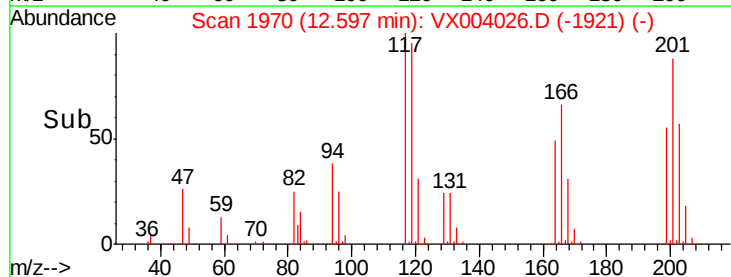
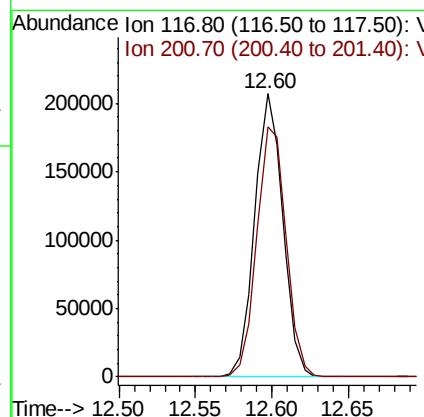
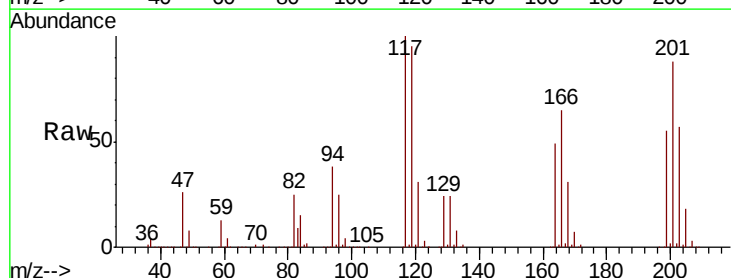
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

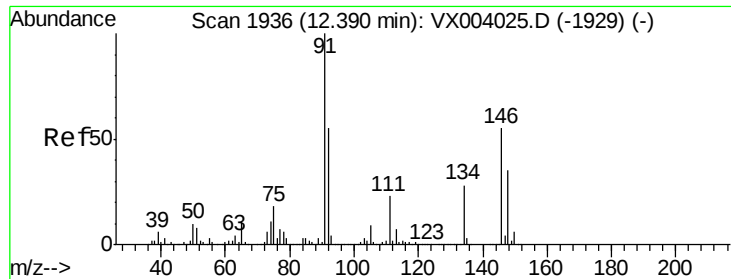
Tgt Ion: 91 Resp: 1424883
Ion Ratio Lower Upper
91 100
92 55.6 27.1 81.3
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 101.694 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004026.D
Acq: 14 Aug 2018 12:27

Tgt Ion: 117 Resp: 265430
Ion Ratio Lower Upper
117 100
201 91.9 46.1 138.2

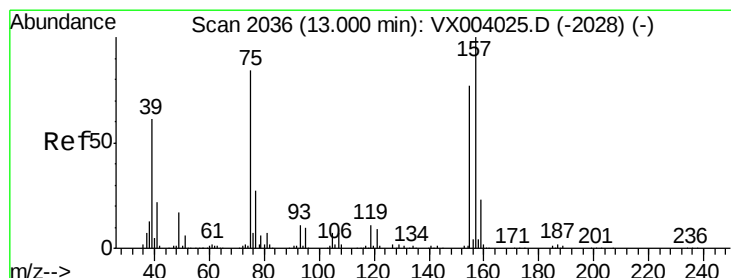
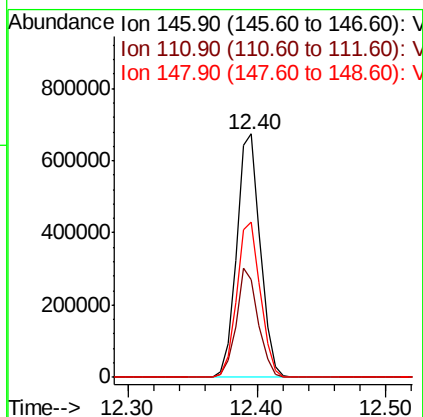
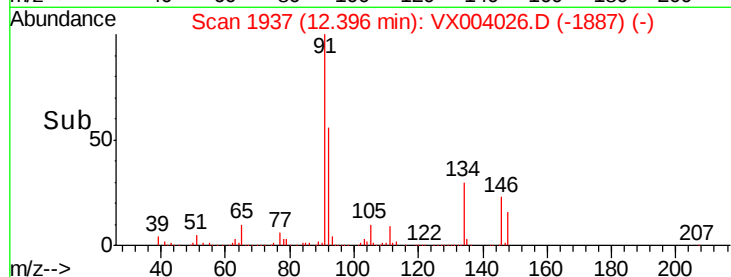
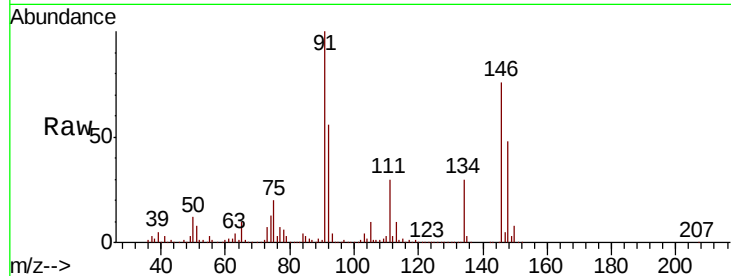




#91
 1,2-Dichlorobenzene
 Concen: 90.314 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

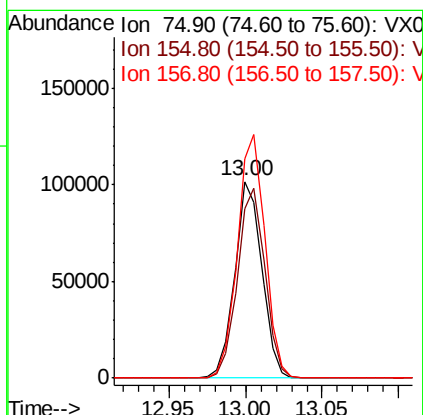
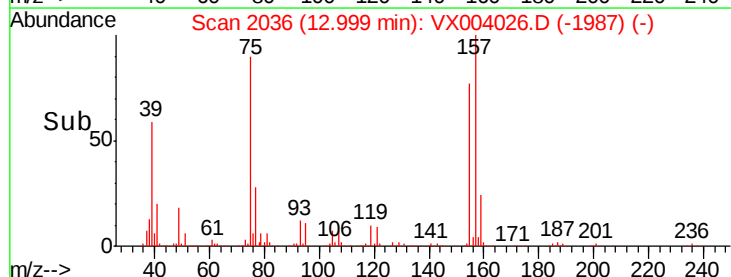
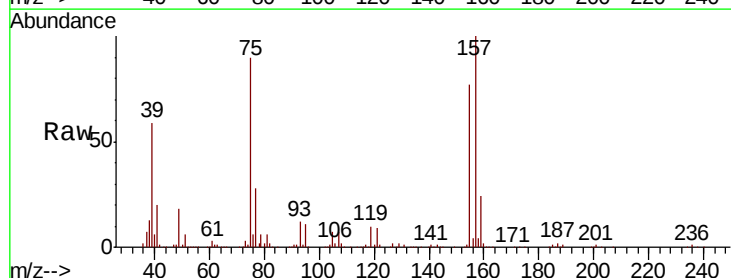
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

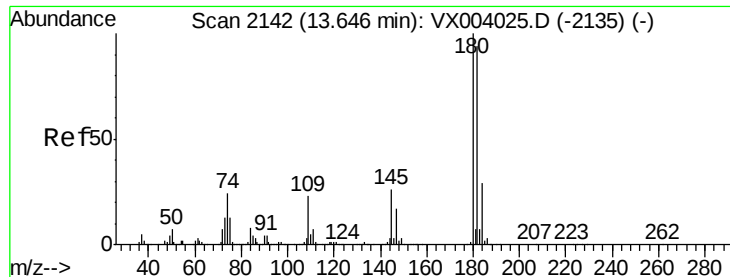
Tgt Ion:146 Resp: 853966
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.7 59.0
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 102.181 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion: 75 Resp: 125063
 Ion Ratio Lower Upper
 75 100
 155 97.5 48.7 146.1
 157 125.2 62.6 187.8

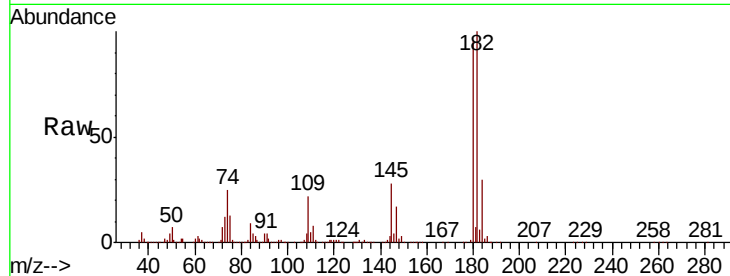




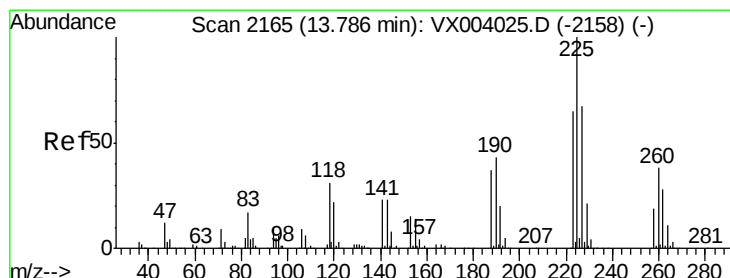
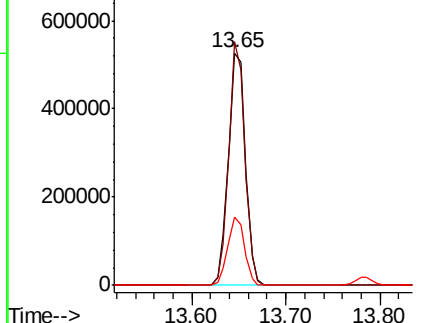
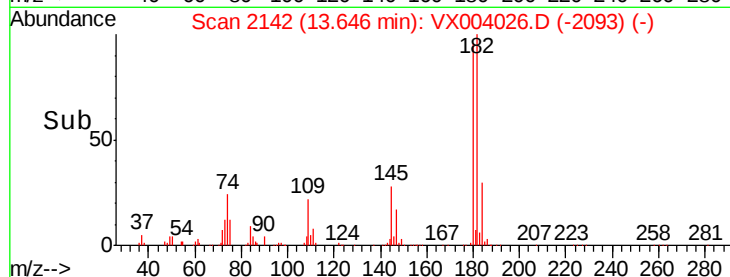
#93
 1,2,4-Trichlorobenzene
 Concen: 102.806 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.7	143.1
145	28.9	13.9	41.6

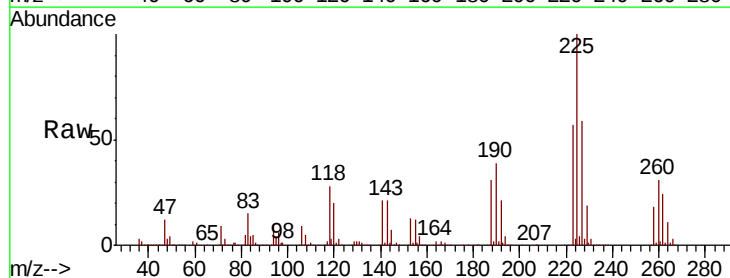


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

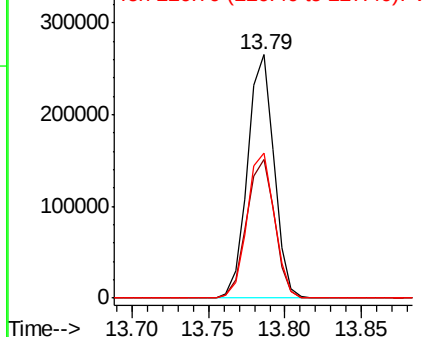
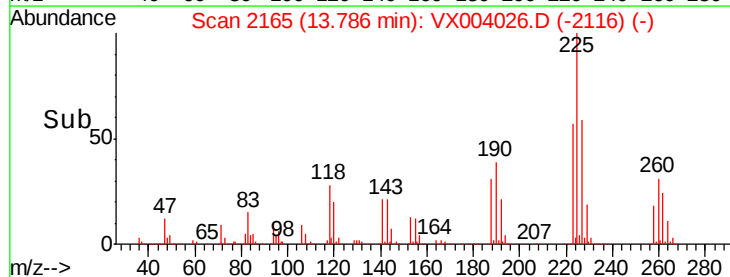


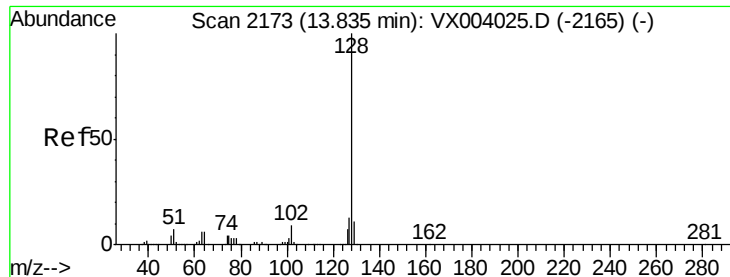
#94
 Hexachlorobutadiene
 Concen: 98.133 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004026.D
 Acq: 14 Aug 2018 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.4	94.0
227	61.8	32.1	96.5



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





#95

Naphthalene

Concen: 99.021 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

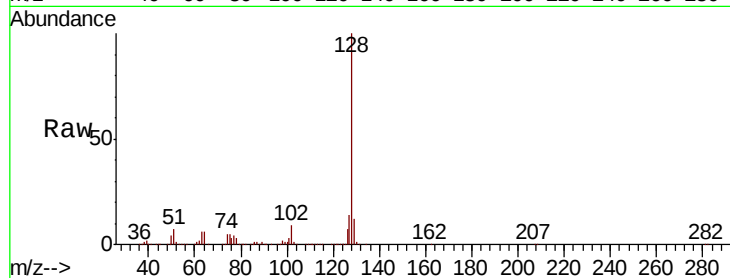
Tgt Ion:128 Resp: 2063855

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

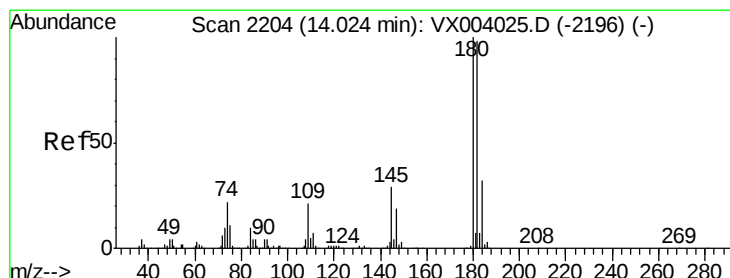
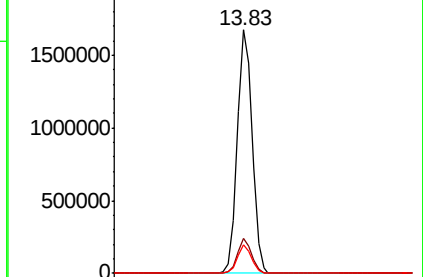
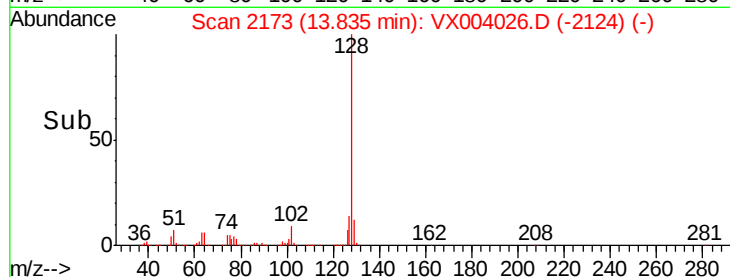
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 104.010 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004026.D

Acq: 14 Aug 2018 12:27

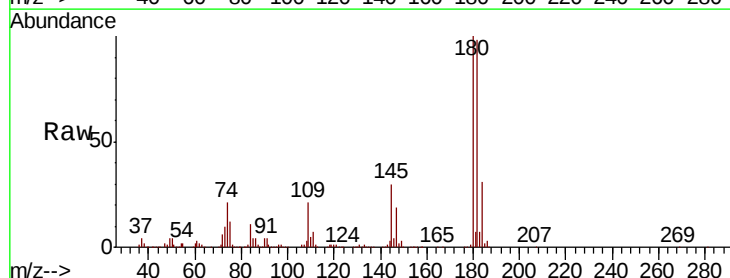
Tgt Ion:180 Resp: 733064

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.4

145 29.8 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

