

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
 Data File : VX003831.D
 Acq On : 02 Aug 2018 18:55
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 03 01:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	100060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	145332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	137893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	1741	1.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.34%	
35) Dibromofluoromethane	5.51	113	1227	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
50) Toluene-d8	8.72	98	4264	0.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.88%	
62) 4-Bromofluorobenzene	11.14	95	1466	0.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	978	0.885 ug/l	95
3) Chloromethane	1.32	50	2640	1.734 ug/l	99
4) Vinyl Chloride	1.40	62	1257	0.841 ug/l	92
5) Bromomethane	1.64	94	914	1.276 ug/l	96
6) Chloroethane	1.72	64	820	0.920 ug/l	99
7) Trichlorofluoromethane	1.93	101	1861	0.976 ug/l	97
8) Diethyl Ether	2.18	74	748	0.870 ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1065	0.917 ug/l	93
10) Methyl Iodide	2.51	142	1439	0.952 ug/l	99
11) Tert butyl alcohol	3.08	59	1672	4.797 ug/l	97
12) 1,1-Dichloroethene	2.37	96	1040	0.919 ug/l	85
13) Acrolein	2.29	56	1320	7.238 ug/l	90
14) Allyl chloride	2.73	41	2062	0.880 ug/l	89
15) Acrylonitrile	3.15	53	3758	4.451 ug/l	99
16) Acetone	2.45	43	4199	5.909 ug/l	97
17) Carbon Disulfide	2.57	76	3018	0.928 ug/l #	94
18) Methyl Acetate	2.78	43	2011	0.979 ug/l	93
19) Methyl tert-butyl Ether	3.20	73	3642	0.895 ug/l	97
20) Methylene Chloride	2.86	84	1449	1.057 ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	1213	0.986 ug/l	86
22) Diisopropyl ether	3.87	45	3941	0.913 ug/l	96
23) Vinyl Acetate	3.82	43	14642	3.953 ug/l	100
24) 1,1-Dichloroethane	3.70	63	2154	0.881 ug/l #	90
25) 2-Butanone	4.71	43	6477	5.775 ug/l	95
26) 2,2-Dichloropropane	4.59	77	1485	0.967 ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	1338	0.985 ug/l #	6
28) Bromochloromethane	5.02	49	906	0.886 ug/l #	95
29) Tetrahydrofuran	5.18	42	3243	4.659 ug/l	93
30) Chloroform	5.21	83	2291	1.013 ug/l	87
31) Cyclohexane	5.58	56	1616	0.847 ug/l #	93
32) 1,1,1-Trichloroethane	5.49	97	1709	0.923 ug/l #	46
36) 1,1-Dichloropropene	5.80	75	1671	1.006 ug/l	96
37) Ethyl Acetate	4.87	43	2020	0.996 ug/l #	69
38) Carbon Tetrachloride	5.78	117	1551	0.969 ug/l	90

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Quant Time: Aug 03 01:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1744	0.986	ug/l	94
40) Benzene	6.15	78	5037	1.007	ug/l	96
41) Methacrylonitrile	5.07	41	1021	0.909	ug/l #	91
42) 1,2-Dichloroethane	6.20	62	1669	0.949	ug/l	93
43) Isopropyl Acetate	6.47	43	2703	0.914	ug/l	96
44) Trichloroethene	7.22	130	1330	0.994	ug/l	96
45) 1,2-Dichloropropane	7.52	63	1235	0.952	ug/l #	84
46) Dibromomethane	7.67	93	815	0.971	ug/l	98
47) Bromodichloromethane	7.90	83	1525	0.973	ug/l #	98
48) Methyl methacrylate	7.78	41	1288	0.858	ug/l	91
49) 1,4-Dioxane	7.77	88	654	19.401	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	10467	5.026	ug/l	95
52) Toluene	8.79	92	2700	0.868	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	1494	0.861	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	1574	0.827	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	1313	1.024	ug/l	96
56) Ethyl methacrylate	9.19	69	1363	0.718	ug/l #	87
57) 1,3-Dichloropropane	9.38	76	2032	0.945	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	3642	3.797	ug/l	97
59) 2-Hexanone	9.50	43	7644	4.790	ug/l	89
60) Dibromochloromethane	9.59	129	1090	0.892	ug/l	99
61) 1,2-Dibromoethane	9.68	107	1224	0.914	ug/l	99
64) Tetrachloroethene	9.34	164	1436	1.157	ug/l	92
65) Chlorobenzene	10.14	112	3621	1.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	1143	0.945	ug/l #	66
67) Ethyl Benzene	10.26	91	5020	0.877	ug/l	98
68) m/p-Xylenes	10.36	106	3796	1.725	ug/l	98
69) o-Xylene	10.70	106	1831	0.860	ug/l	96
70) Styrene	10.71	104	2683	0.749	ug/l	96
71) Bromoform	10.86	173	900	0.934	ug/l #	96
73) Isopropylbenzene	11.02	105	4640	0.915	ug/l	98
74) N-amyl acetate	6.47	43	2703	1.017	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1940	1.022	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	2127	1.342	ug/l	85
77) Bromobenzene	11.26	156	1388	0.985	ug/l	92
78) n-propylbenzene	11.36	91	5032	0.863	ug/l	98
79) 2-Chlorotoluene	11.42	91	3348	0.934	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	3463	0.804	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	432	0.849	ug/l	86
82) 4-Chlorotoluene	11.51	91	3635	0.861	ug/l	97
83) tert-Butylbenzene	11.77	119	3775	0.896	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	3520	0.792	ug/l	98
85) sec-Butylbenzene	11.95	105	4126	0.831	ug/l	100
86) p-Isopropyltoluene	12.07	119	3607	0.805	ug/l	92
87) 1,3-Dichlorobenzene	12.03	146	2674	1.025	ug/l	99
88) 1,4-Dichlorobenzene	12.03	146	2674	0.985	ug/l	99
89) n-Butylbenzene	12.39	91	3279	0.818	ug/l	97
90) Hexachloroethane	12.60	117	649	0.941	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	2742	1.026	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	423	1.064	ug/l	78

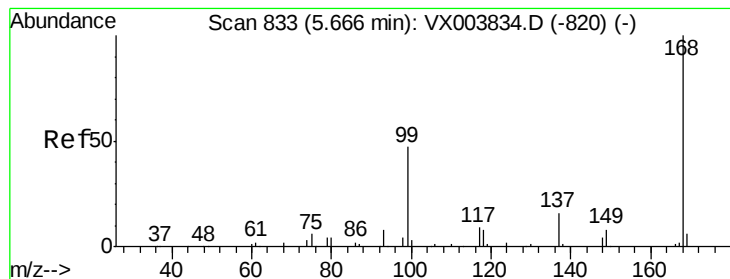
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
Data File : VX003831.D
Acq On : 02 Aug 2018 18:55
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MSVOA_X
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Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:37:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1745	0.915	ug/l	99
94) Hexachlorobutadiene	13.79	225	1007	1.170	ug/l	95
95) Naphthalene	13.83	128	4411	0.765	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1879	0.968	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

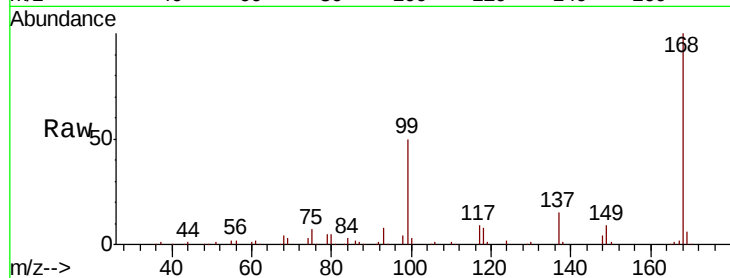
VSTDIC001

Tgt Ion:168 Resp: 100060

Ion Ratio Lower Upper

168 100

99 49.6 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

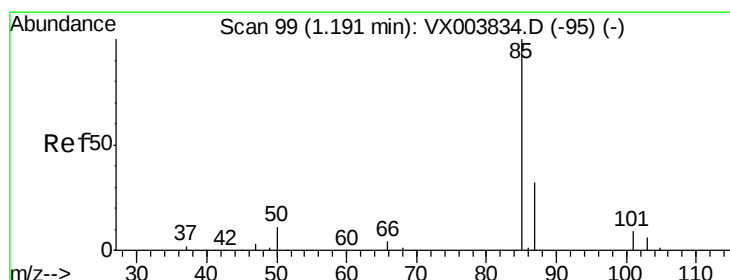
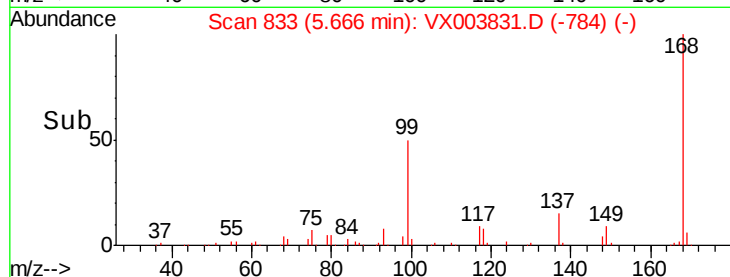
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.885 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003831.D

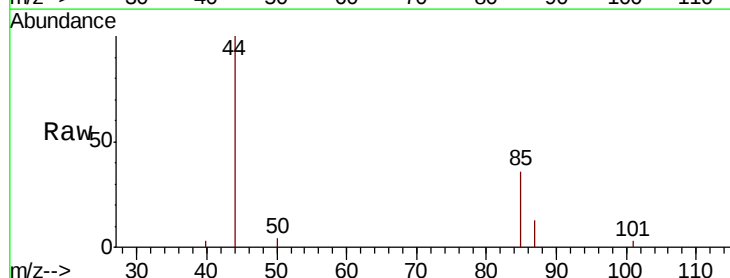
Acq: 02 Aug 2018 18:55

Tgt Ion: 85 Resp: 978

Ion Ratio Lower Upper

85 100

87 34.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

1000

800

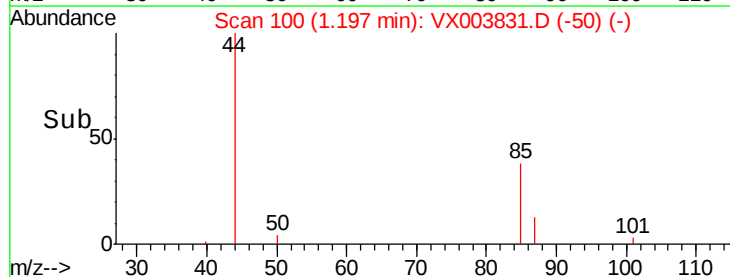
600

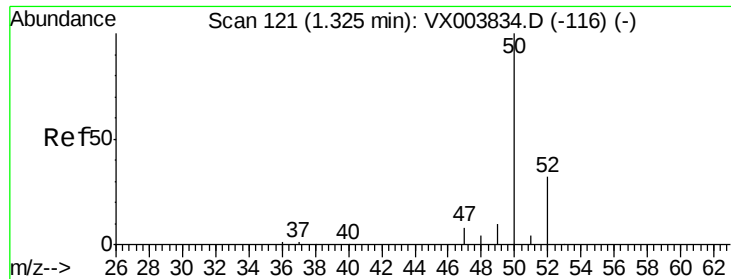
400

200

0

Time--> 1.15 1.20





#3

Chloromethane

Concen: 1.734 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

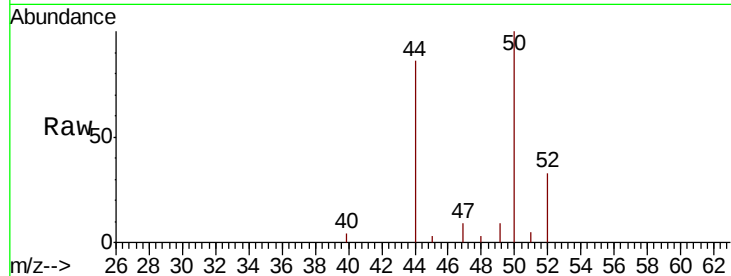
VSTDIC001

Tgt Ion: 50 Resp: 2640

Ion Ratio Lower Upper

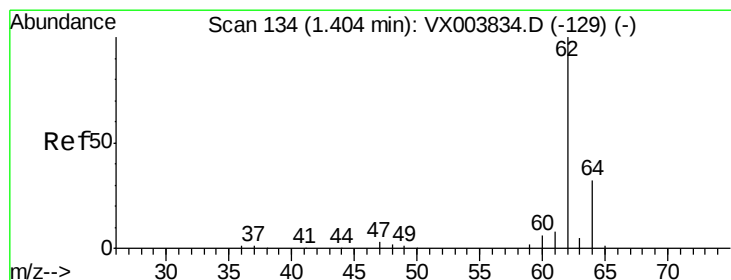
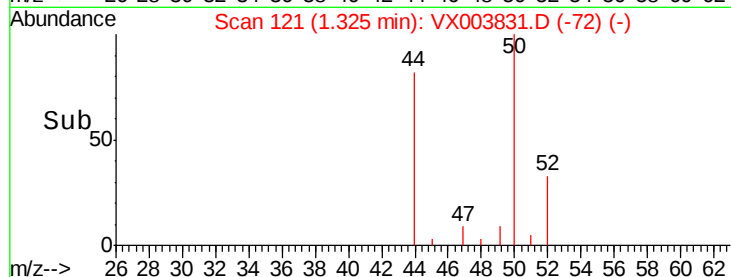
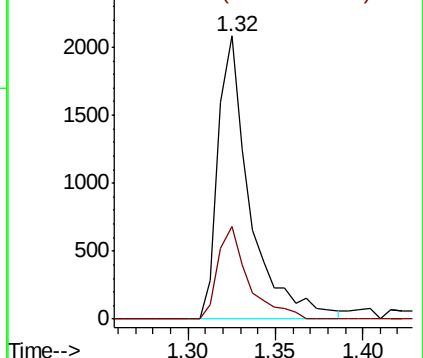
50 100

52 32.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.841 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003831.D

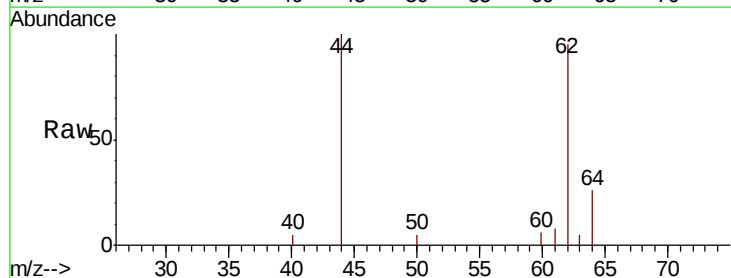
Acq: 02 Aug 2018 18:55

Tgt Ion: 62 Resp: 1257

Ion Ratio Lower Upper

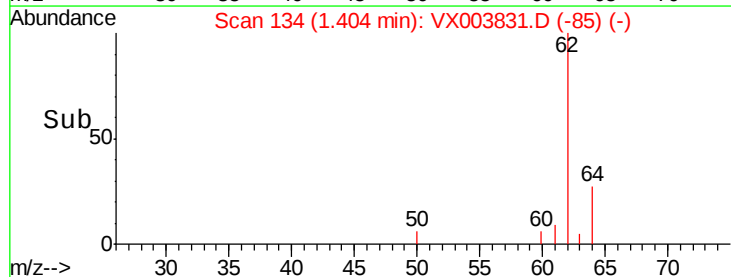
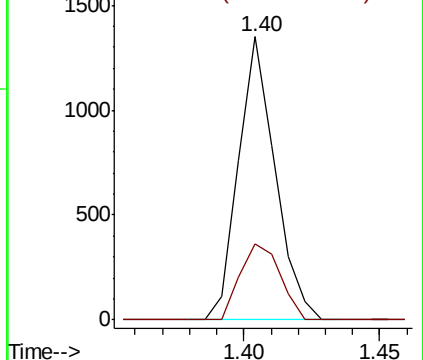
62 100

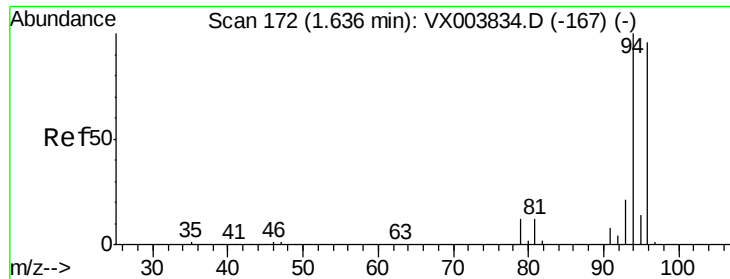
64 27.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.276 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

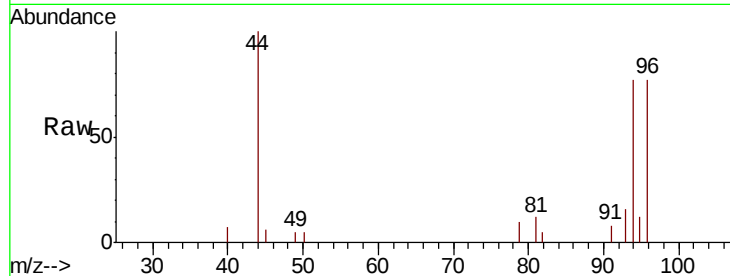
VSTDIC001

Tgt Ion: 94 Resp: 914

Ion Ratio Lower Upper

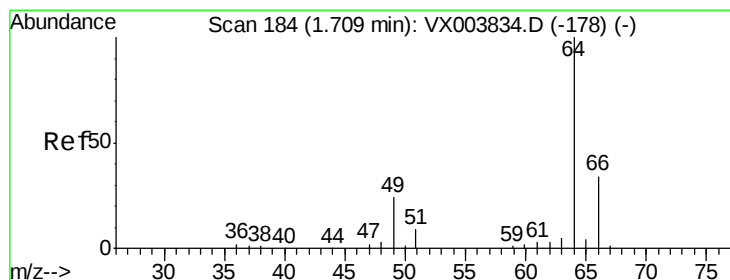
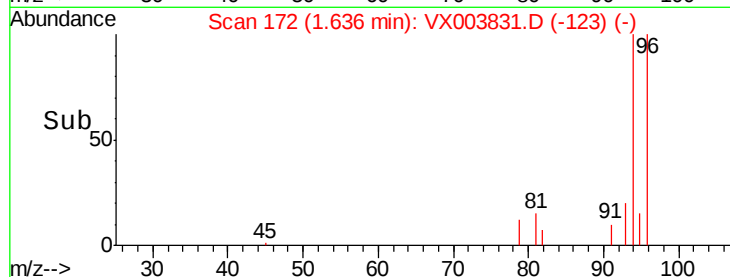
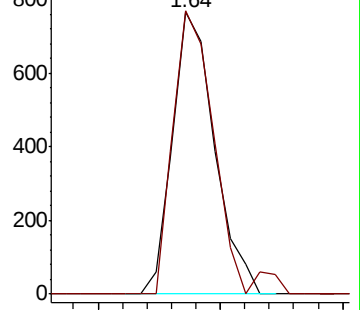
94 100

96 100.4 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.920 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003831.D

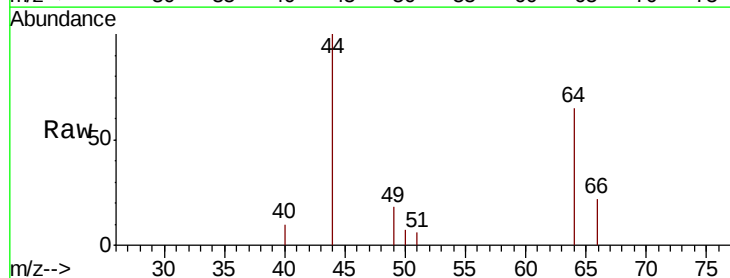
Acq: 02 Aug 2018 18:55

Tgt Ion: 64 Resp: 820

Ion Ratio Lower Upper

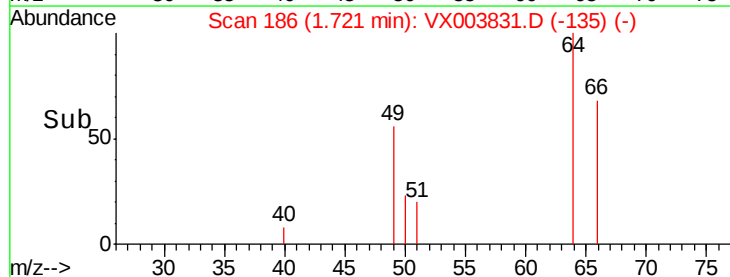
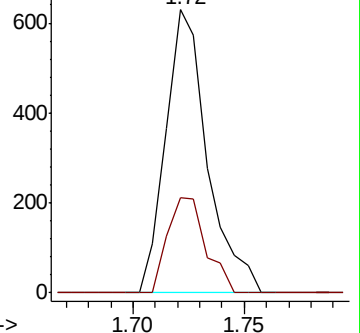
64 100

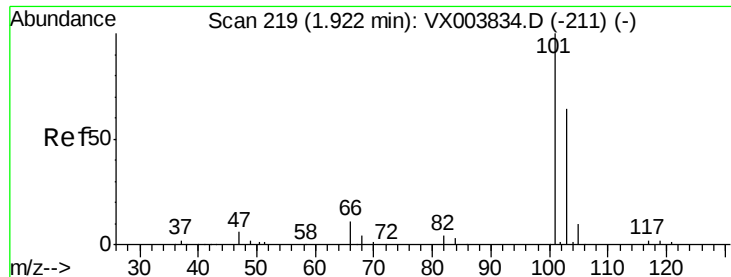
66 33.7 27.2 40.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



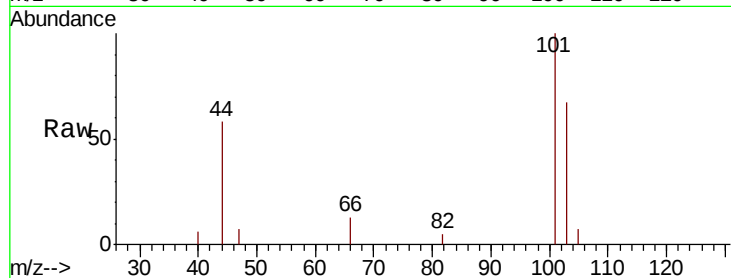


#7

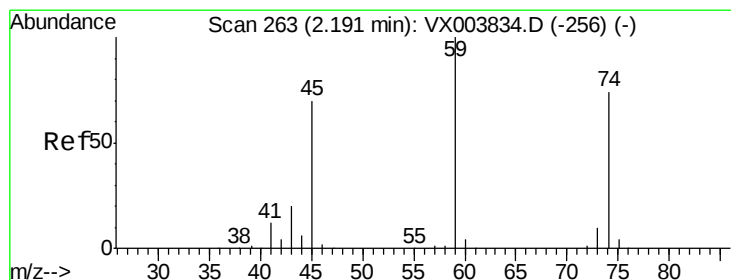
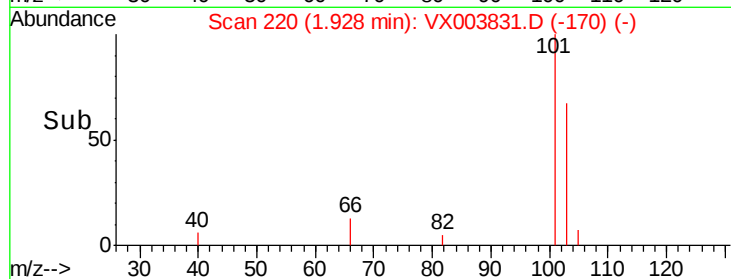
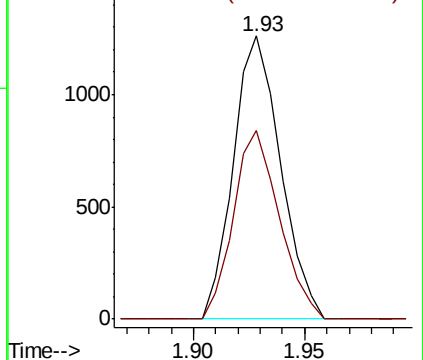
Trichlorofluoromethane
 Concen: 0.976 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 101 Resp: 1861
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.4 77.0



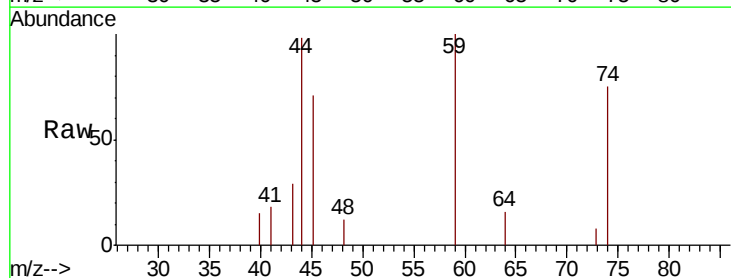
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



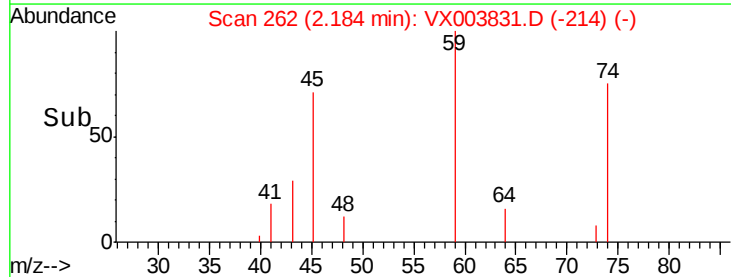
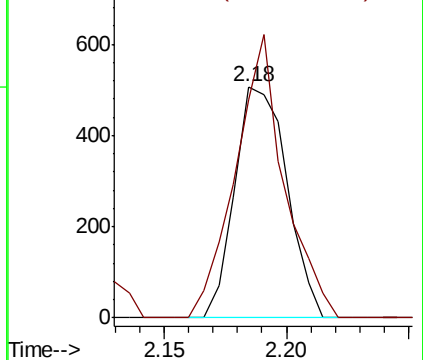
#8

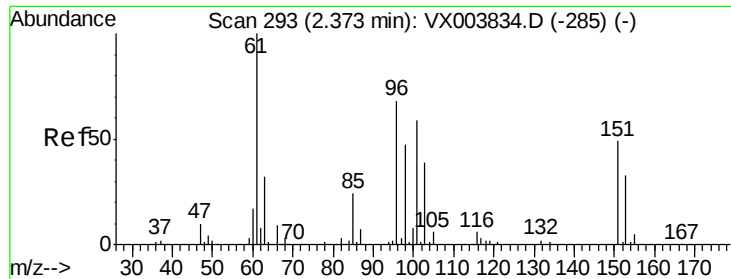
Diethyl Ether
 Concen: 0.870 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion: 74 Resp: 748
 Ion Ratio Lower Upper
 74 100
 45 115.0 48.4 145.2



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: 0.917 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

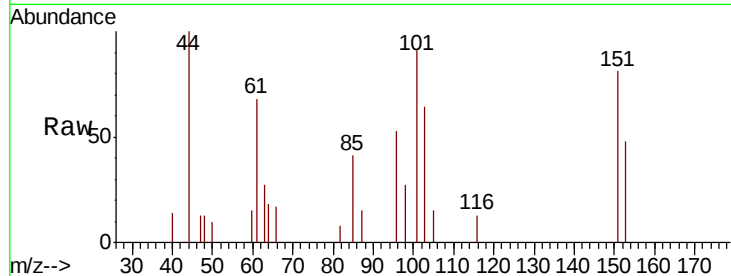
Tgt Ion:101 Resp: 1065

Ion Ratio Lower Upper

101 100

85 44.4 33.6 50.4

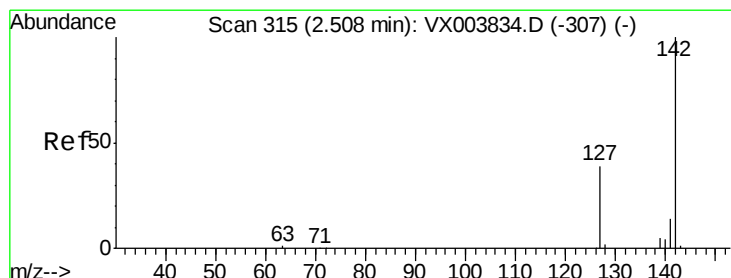
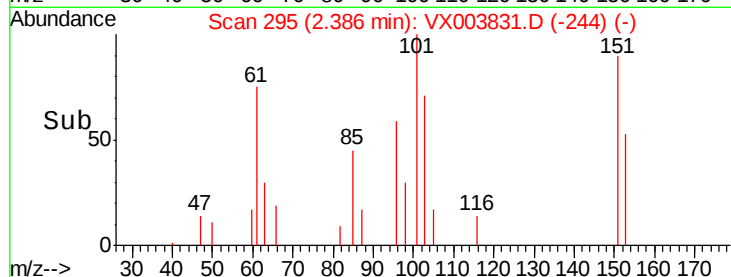
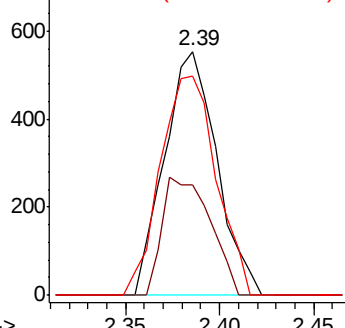
151 96.0 71.0 106.4



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: 0.952 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

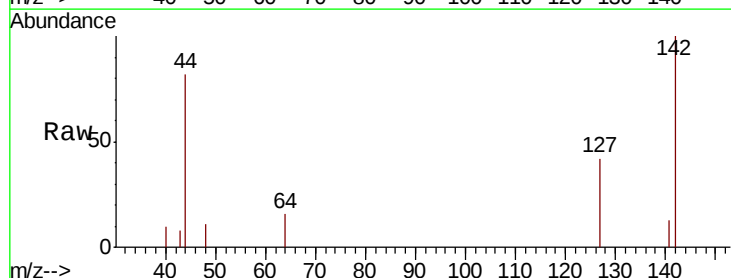
Tgt Ion:142 Resp: 1439

Ion Ratio Lower Upper

142 100

127 40.2 31.8 47.8

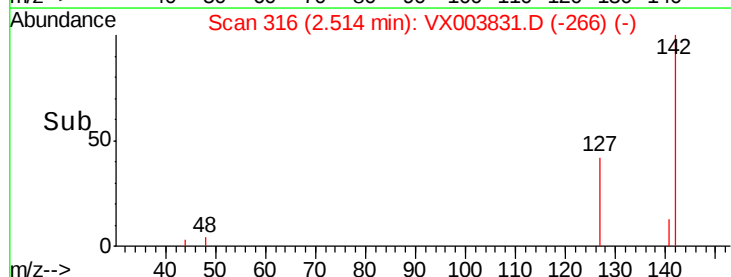
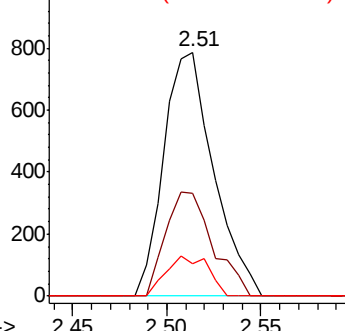
141 14.0 11.3 16.9

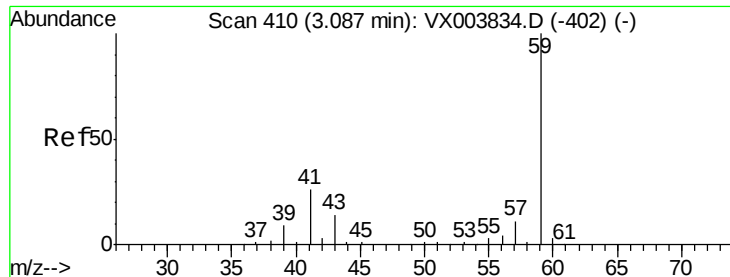


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

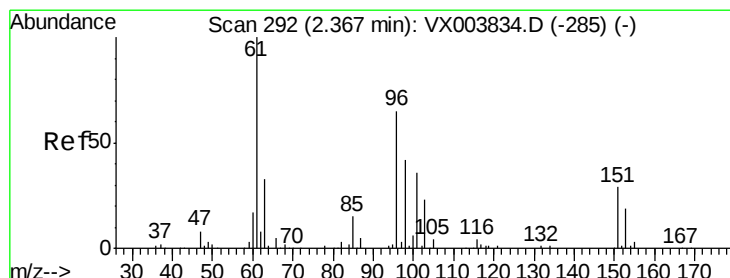
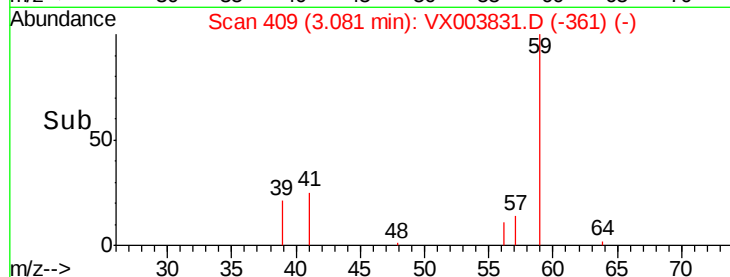
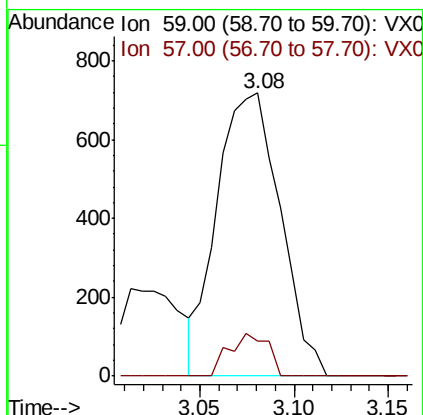
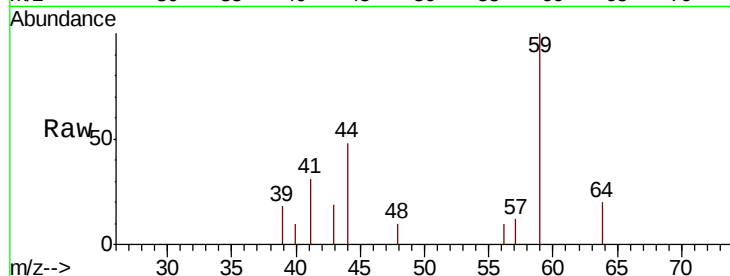




#11
Tert butyl alcohol
Concen: 4.797 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

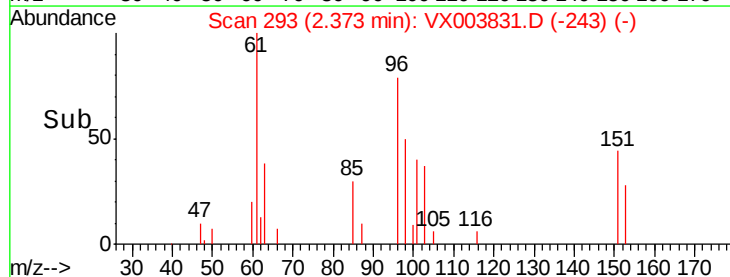
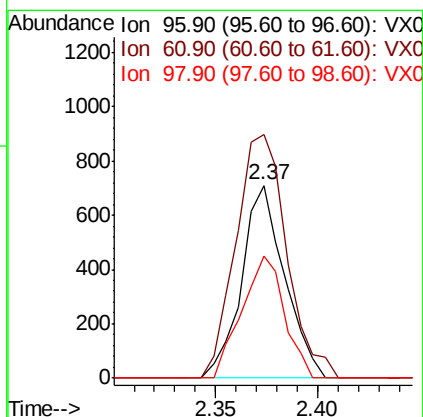
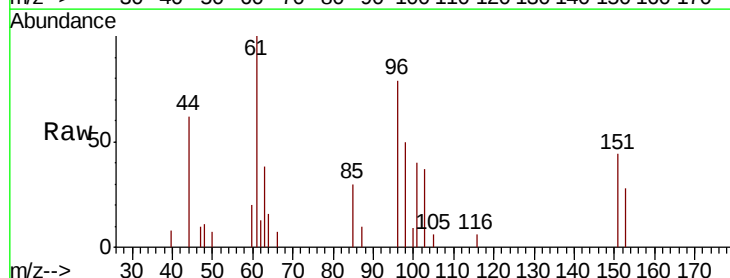
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

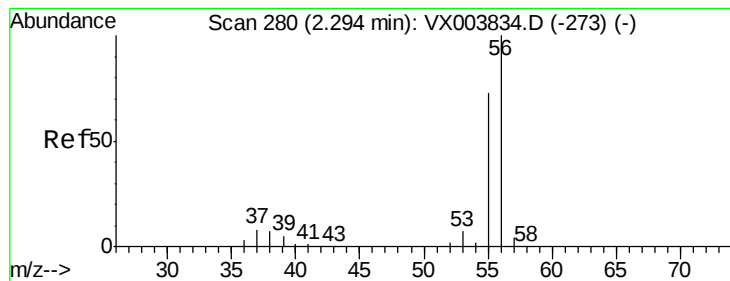
Tgt Ion: 59 Resp: 1672
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 0.919 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion: 96 Resp: 1040
Ion Ratio Lower Upper
96 100
61 126.3 122.8 184.2
98 63.2 51.8 77.8





#13

Acrolein

Concen: 7.238 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

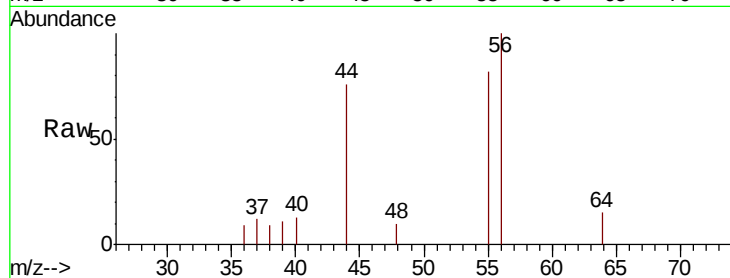
VSTDIC001

Tgt Ion: 56 Resp: 1320

Ion Ratio Lower Upper

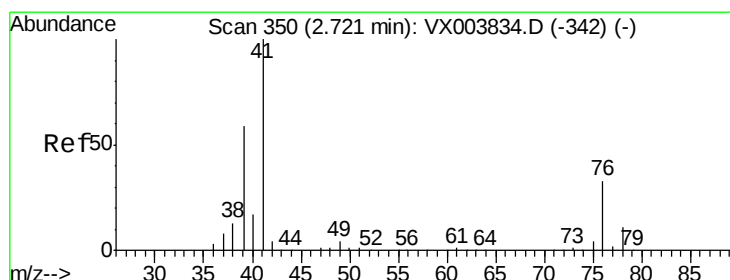
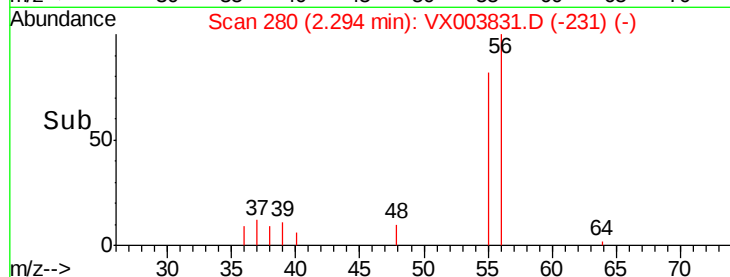
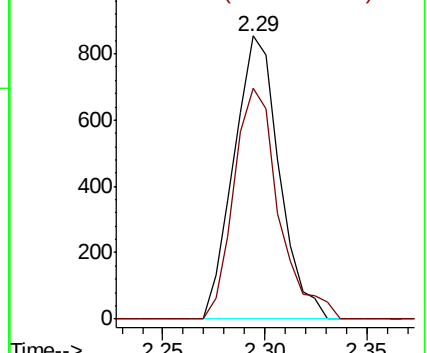
56 100

55 80.3 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.880 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

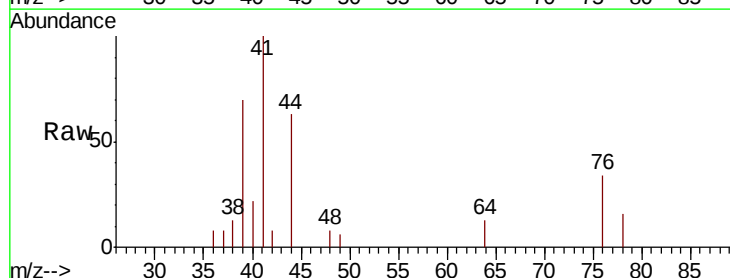
Tgt Ion: 41 Resp: 2062

Ion Ratio Lower Upper

41 100

39 68.2 46.1 69.1

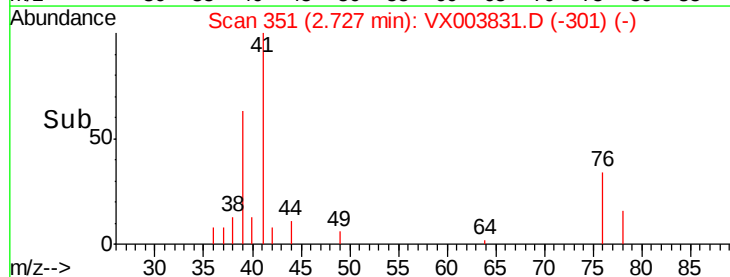
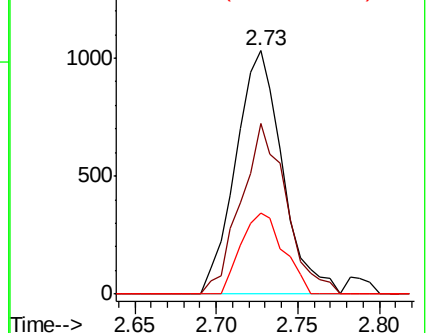
76 30.2 26.8 40.2

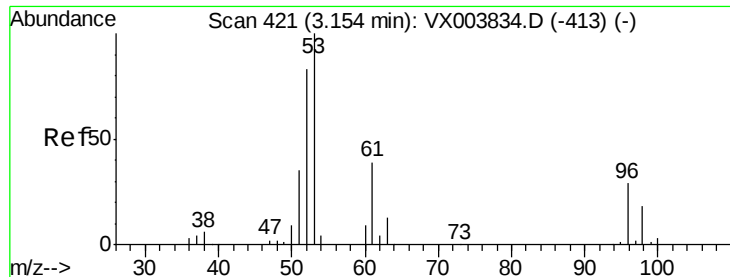


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 4.451 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

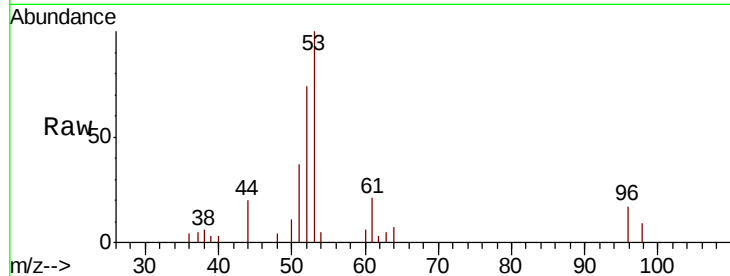
Tgt Ion: 53 Resp: 3758

Ion Ratio Lower Upper

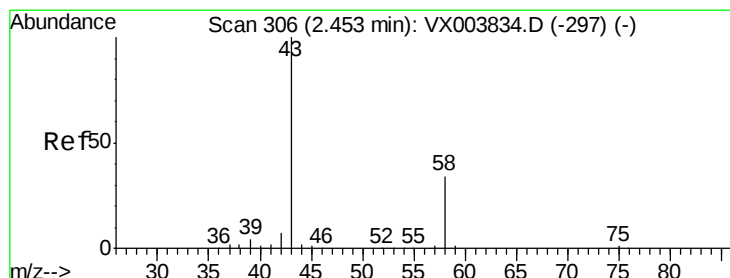
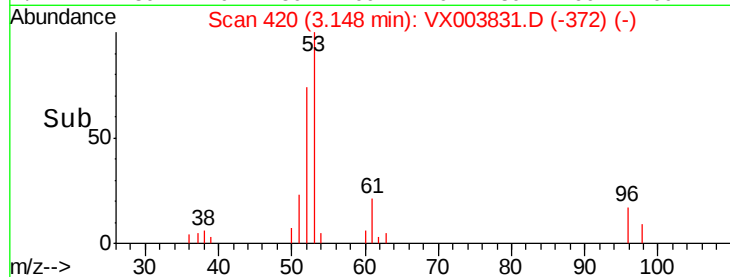
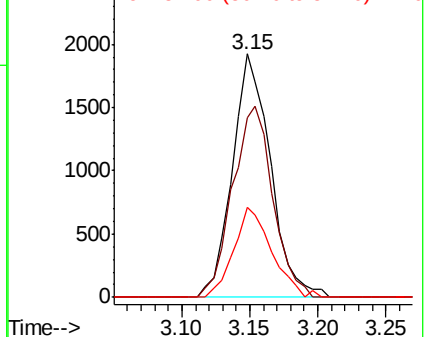
53 100

52 82.8 65.9 98.9

51 36.6 28.6 43.0



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: 5.909 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003831.D

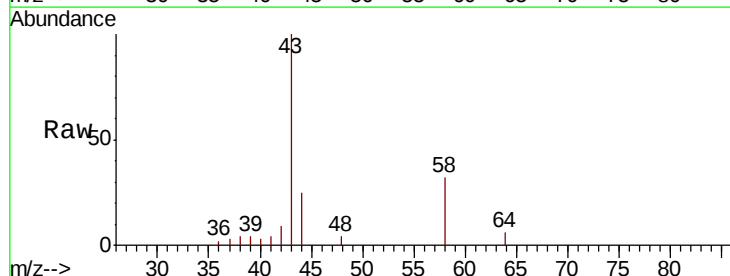
Acq: 02 Aug 2018 18:55

Tgt Ion: 43 Resp: 4199

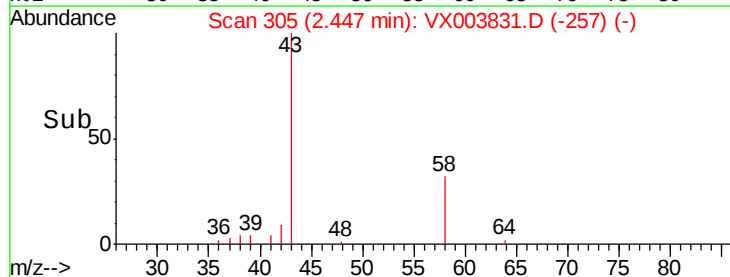
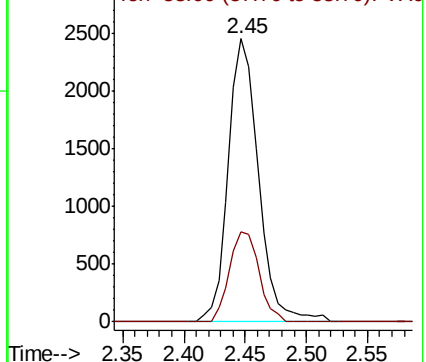
Ion Ratio Lower Upper

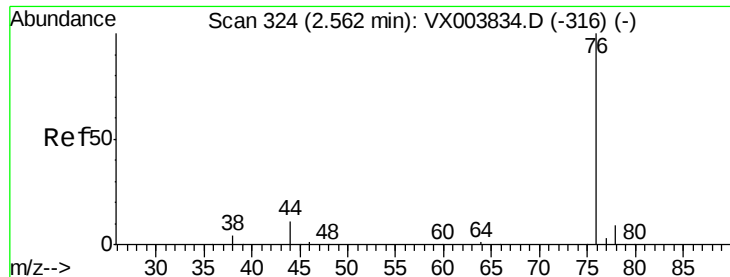
43 100

58 32.1 27.0 40.4



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





#17

Carbon Disulfide

Concen: 0.928 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

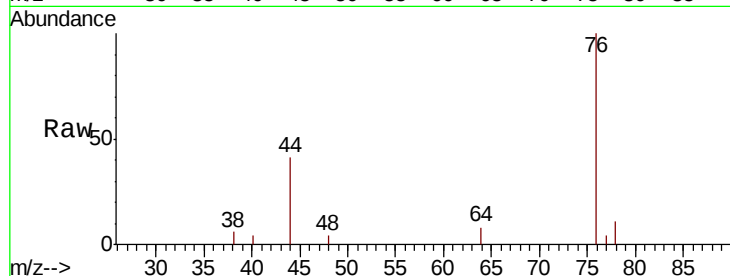
VSTDIC001

Tgt Ion: 76 Resp: 3018

Ion Ratio Lower Upper

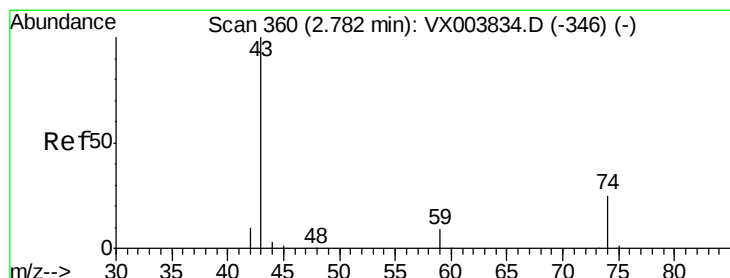
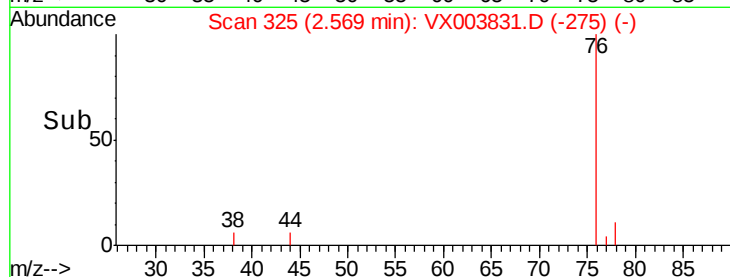
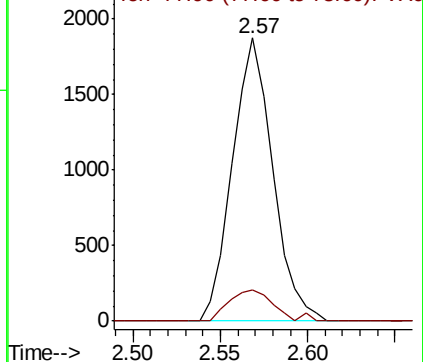
76 100

78 11.3 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.979 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003831.D

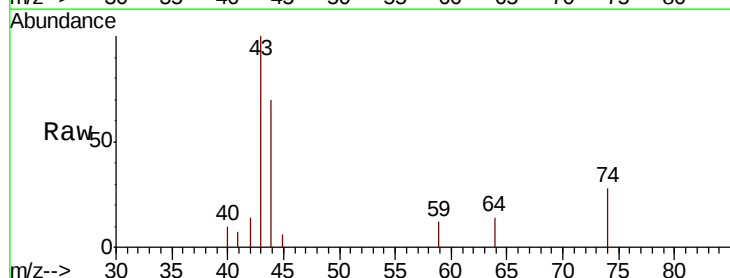
Acq: 02 Aug 2018 18:55

Tgt Ion: 43 Resp: 2011

Ion Ratio Lower Upper

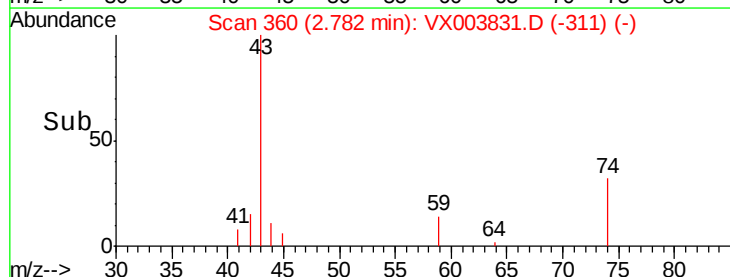
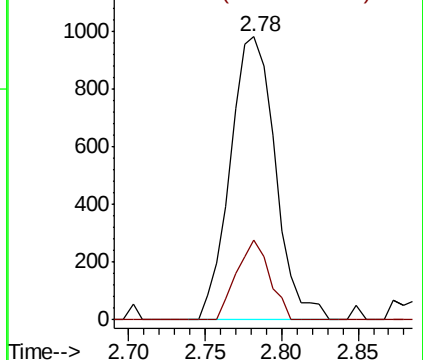
43 100

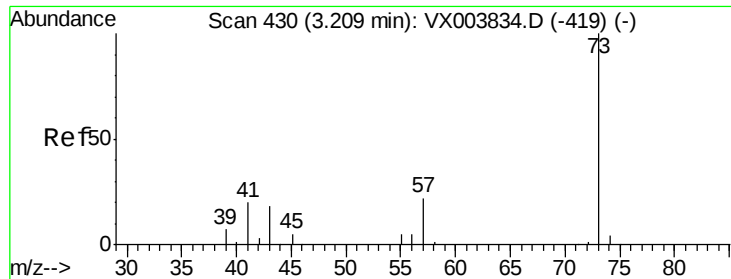
74 20.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

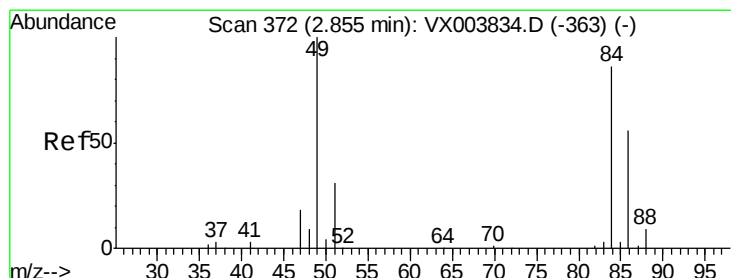
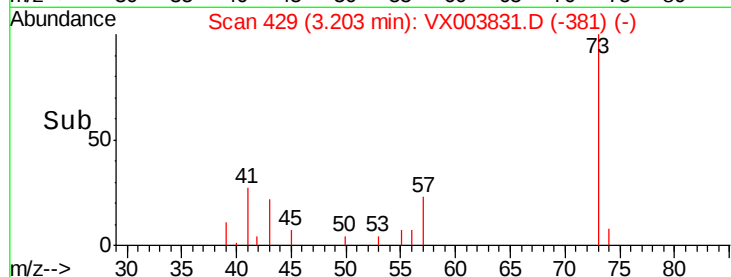
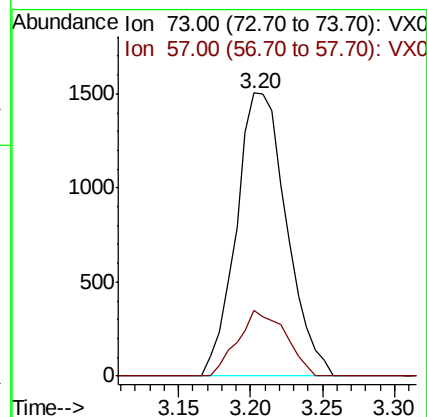
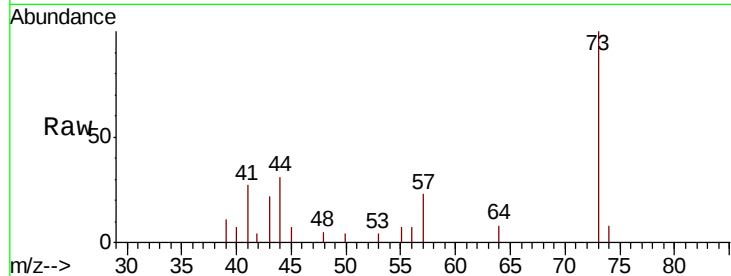




#19
Methyl tert-butyl Ether
Concen: 0.895 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

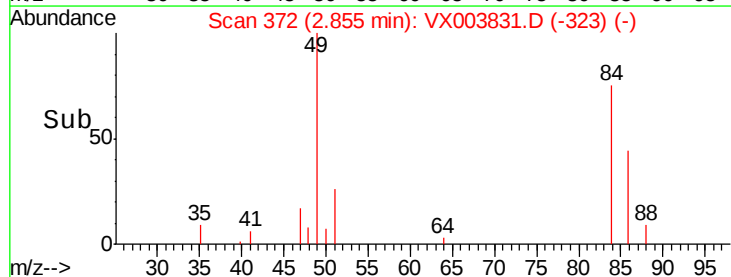
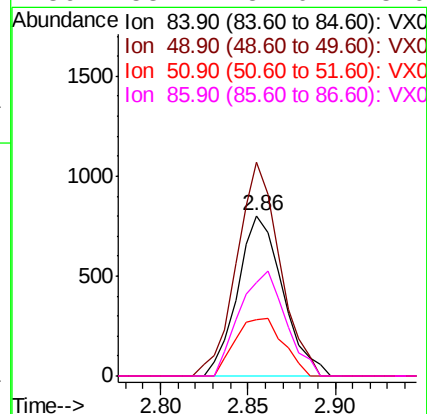
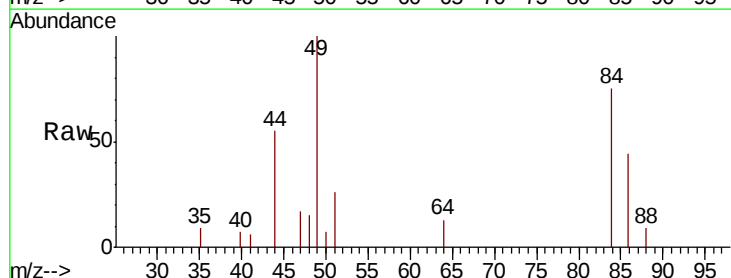
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

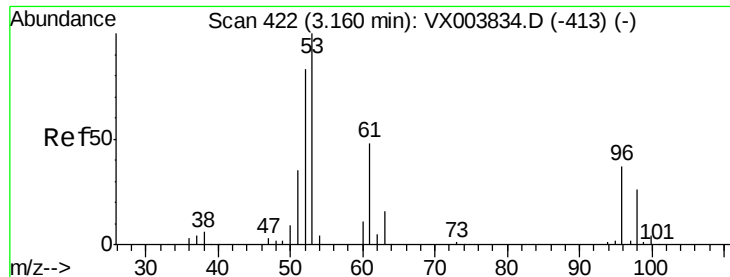
Tgt Ion: 73 Resp: 3642
Ion Ratio Lower Upper
73 100
57 23.3 17.5 26.3



#20
Methylene Chloride
Concen: 1.057 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion: 84 Resp: 1449
Ion Ratio Lower Upper
84 100
49 133.5 93.2 139.8
51 35.0 29.2 43.8
86 58.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 0.986 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

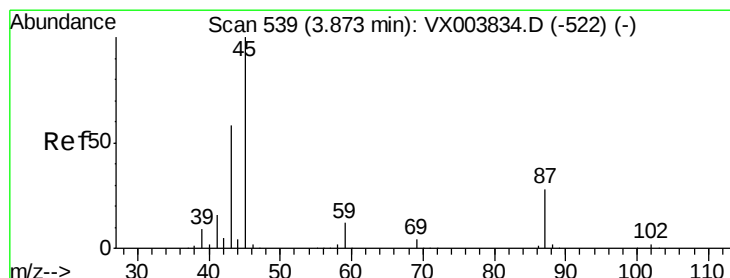
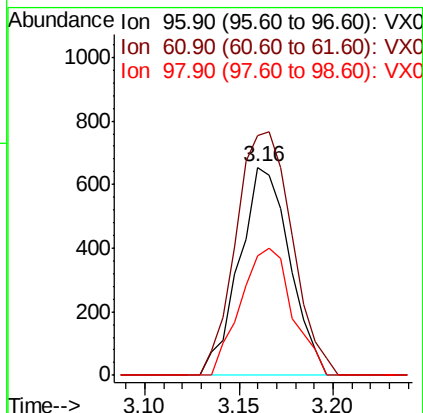
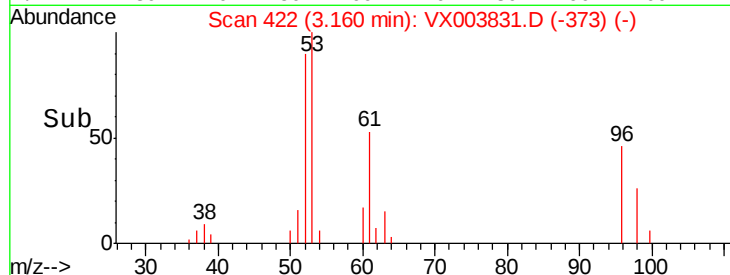
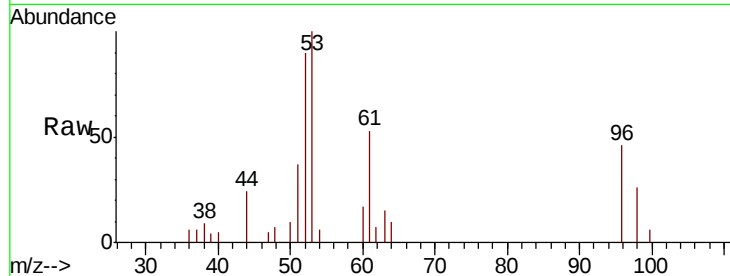
Tgt Ion: 96 Resp: 1213

Ion Ratio Lower Upper

96 100

61 115.4 104.2 156.4

98 57.6 57.0 85.6



#22

Diisopropyl ether

Concen: 0.913 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Tgt Ion: 45 Resp: 3941

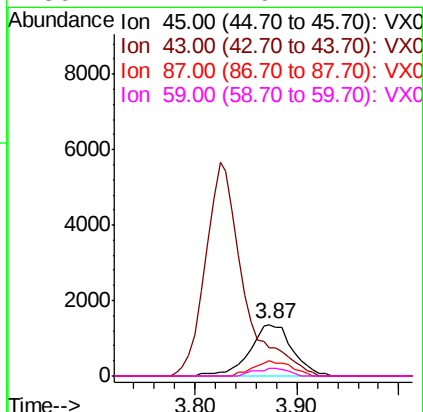
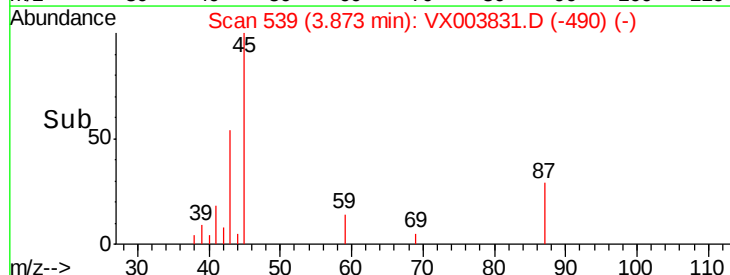
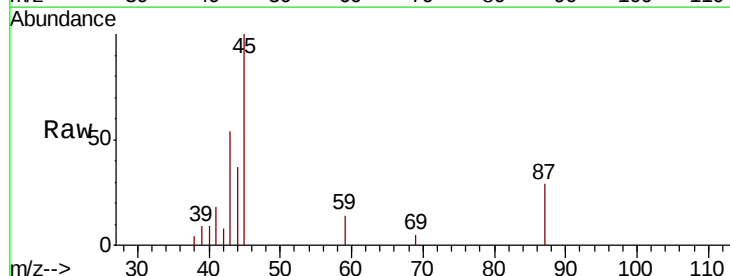
Ion Ratio Lower Upper

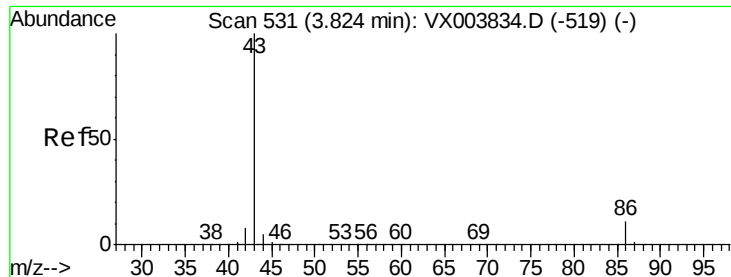
45 100

43 54.4 46.4 69.6

87 29.1 22.4 33.6

59 14.1 9.4 14.2





#23

Vinyl Acetate

Concen: 3.953 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

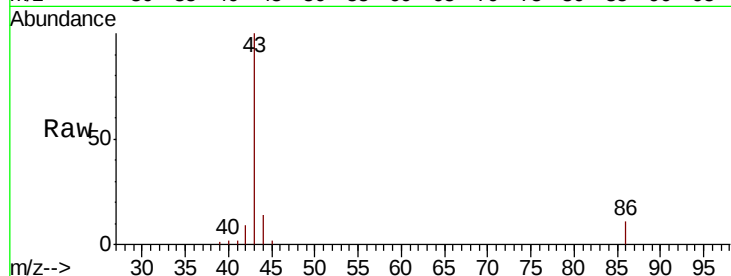
VSTDIC001

Tgt Ion: 43 Resp: 14642

Ion Ratio Lower Upper

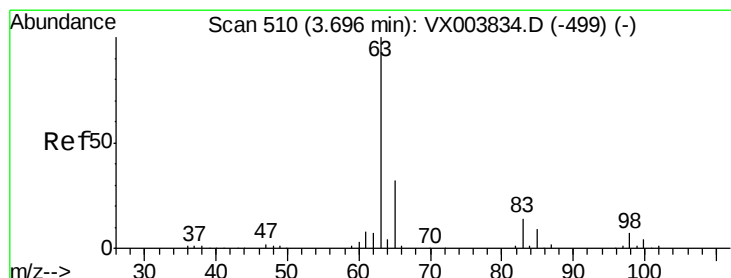
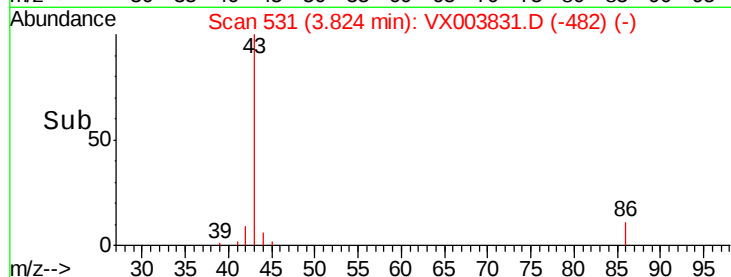
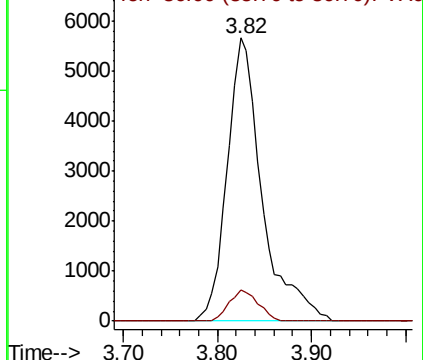
43 100

86 11.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.881 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

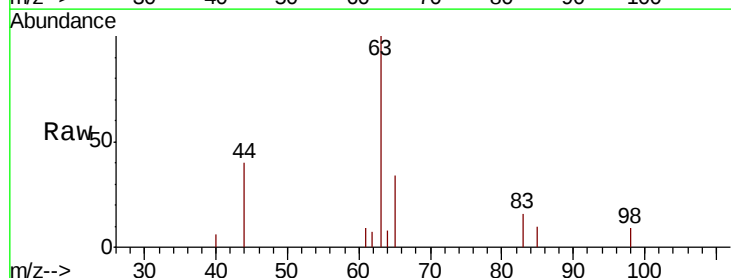
Tgt Ion: 63 Resp: 2154

Ion Ratio Lower Upper

63 100

98 9.5 3.3 9.9

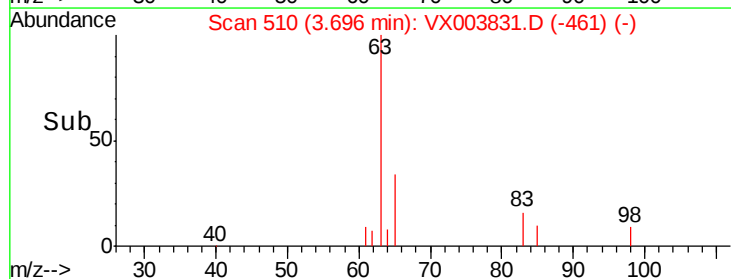
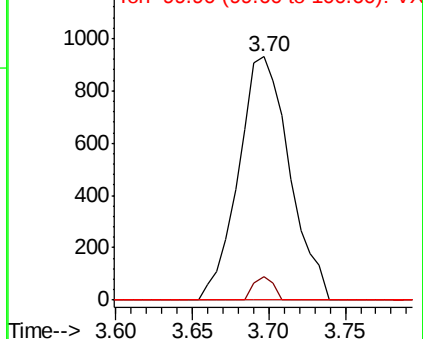
100 0.0 2.3 6.8#

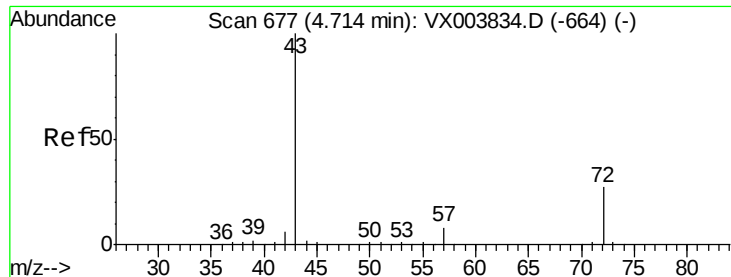


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.775 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

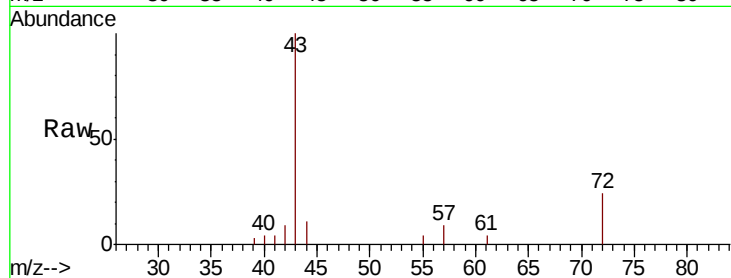
VSTDIC001

Tgt Ion: 43 Resp: 6477

Ion Ratio Lower Upper

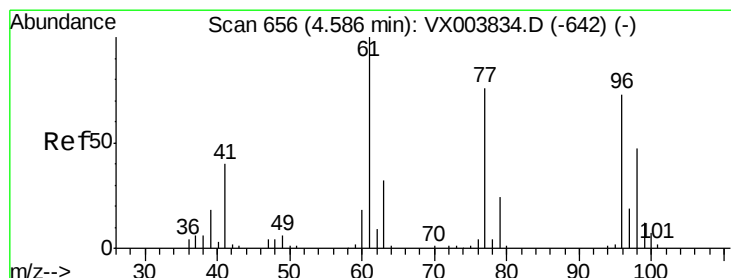
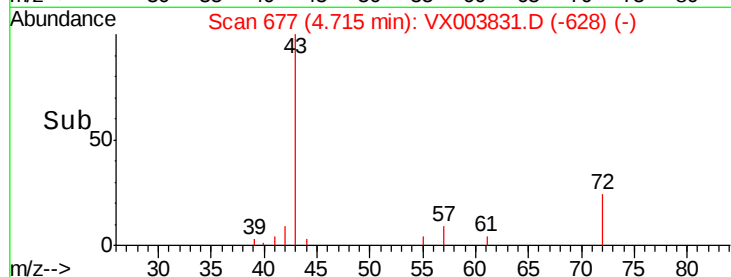
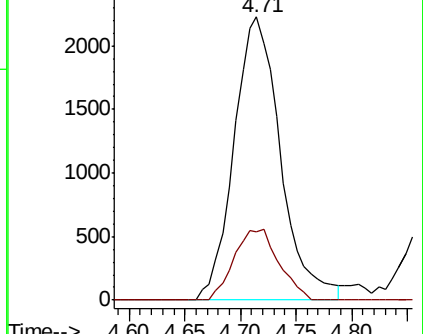
43 100

72 24.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.967 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003831.D

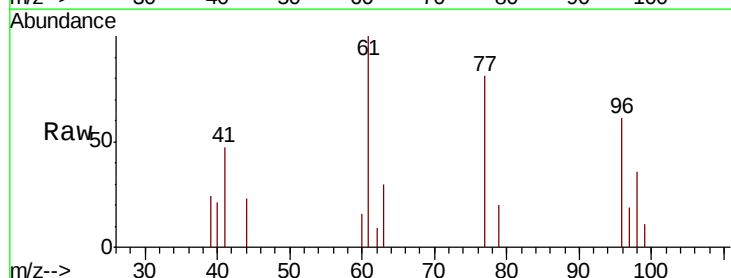
Acq: 02 Aug 2018 18:55

Tgt Ion: 77 Resp: 1485

Ion Ratio Lower Upper

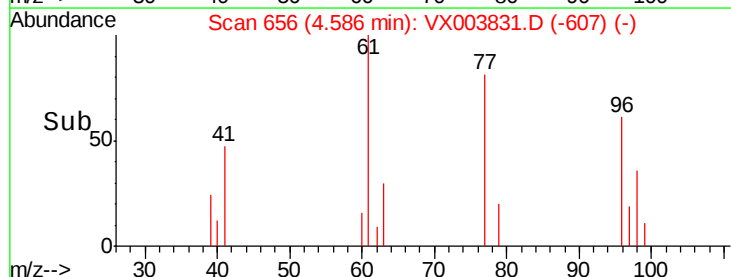
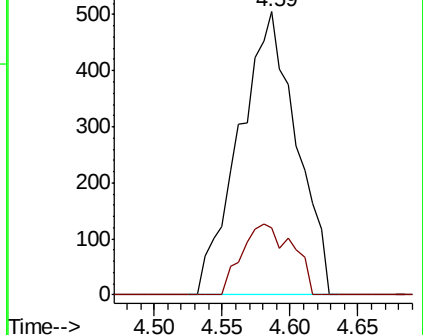
77 100

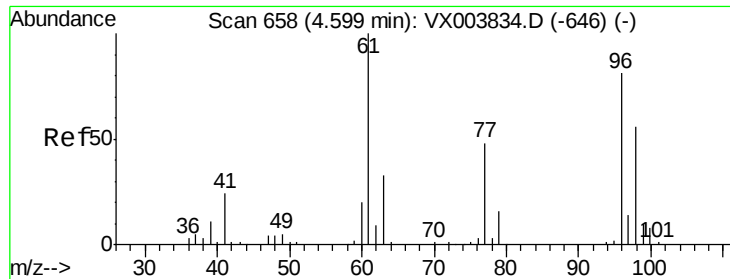
97 22.2 12.8 38.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



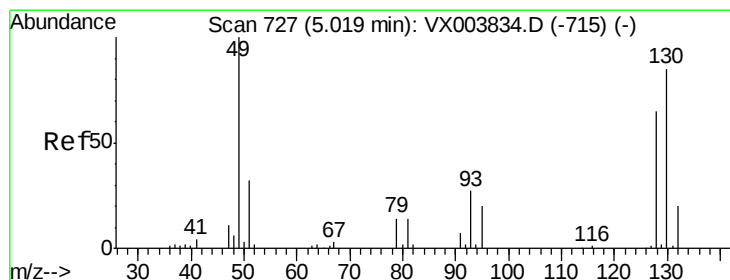
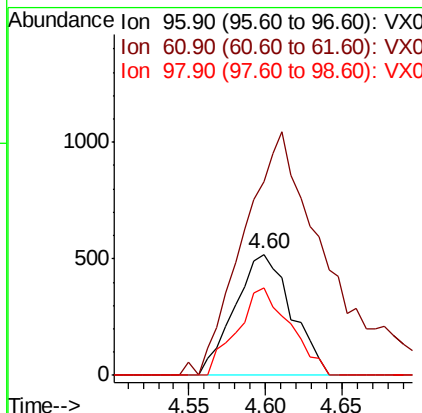
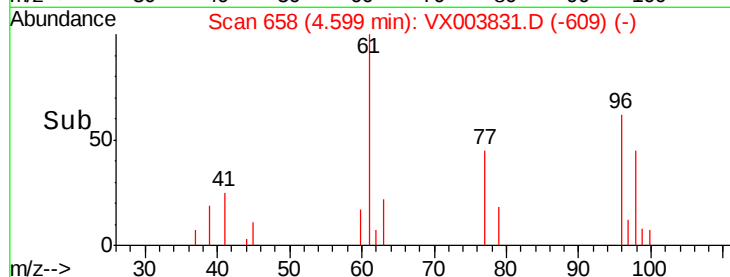
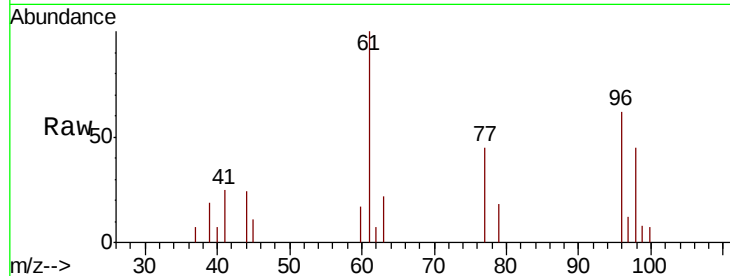


#27

cis-1,2-Dichloroethene
Concen: 0.985 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

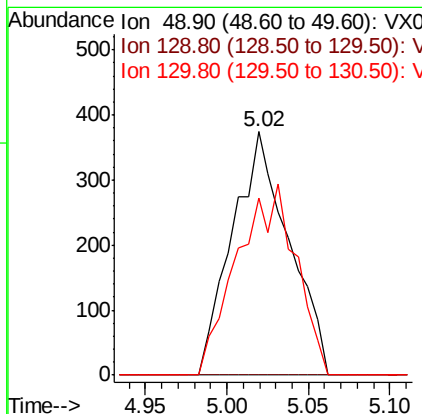
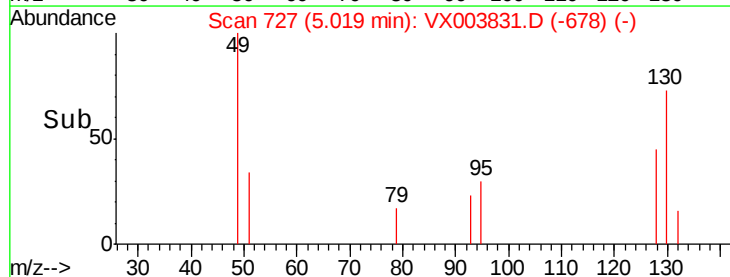
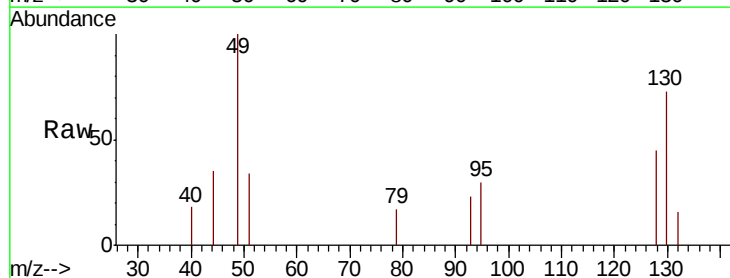
Tgt Ion: 96 Resp: 1338
Ion Ratio Lower Upper
96 100
61 308.4 0.0 283.6#
98 67.2 0.0 130.0

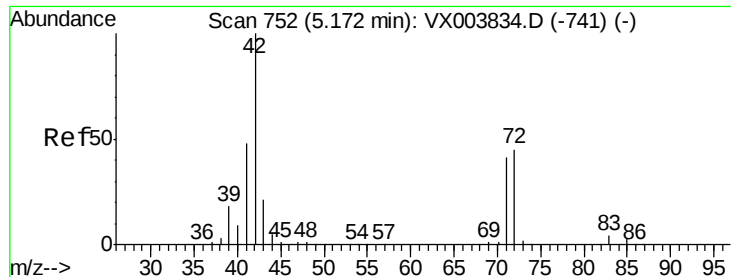


#28

Bromochloromethane
Concen: 0.886 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion: 49 Resp: 906
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 81.1 68.9 103.3

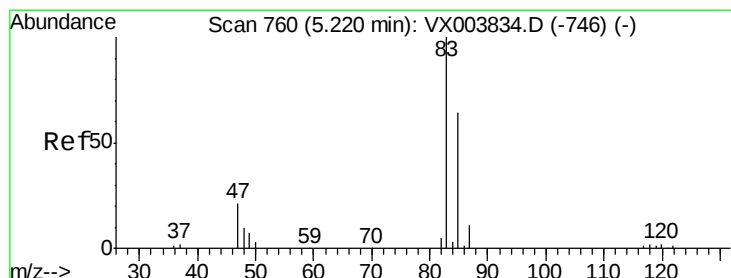
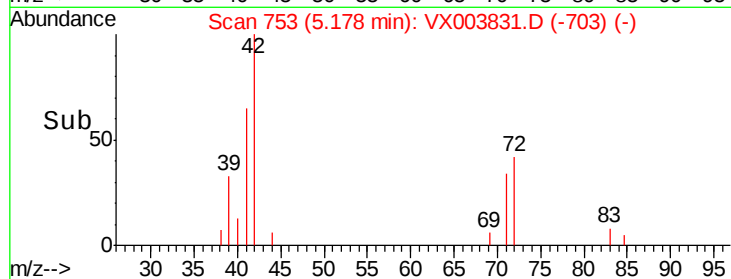
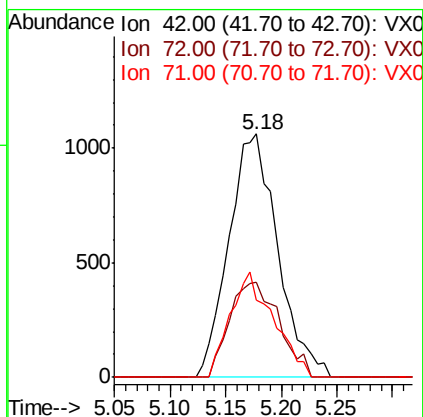
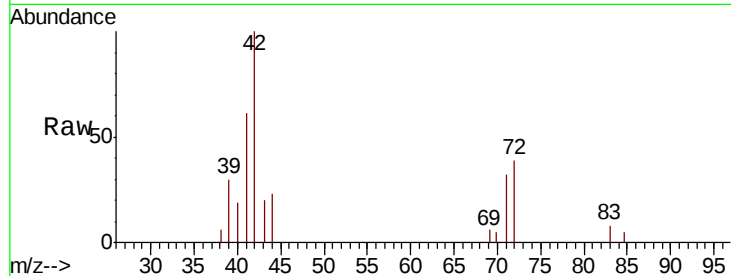




#29
Tetrahydrofuran
Concen: 4.659 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

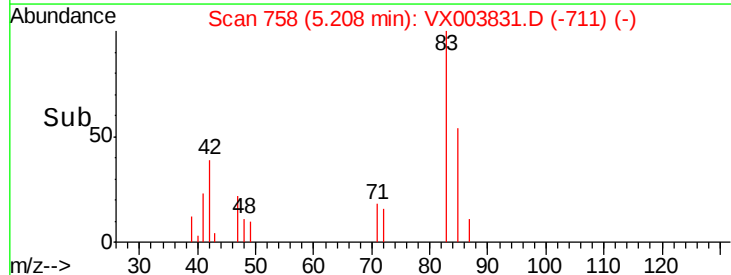
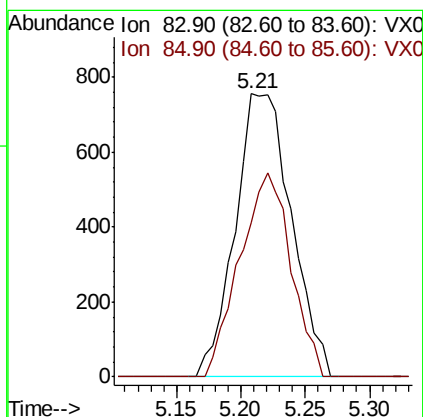
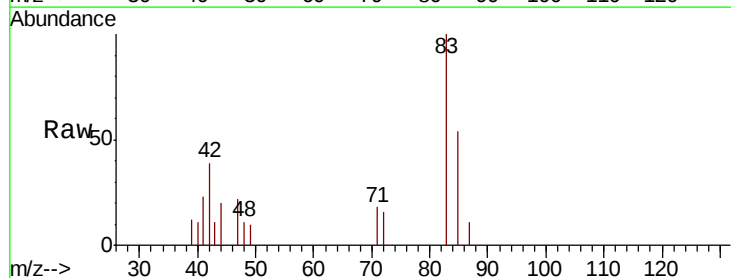
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

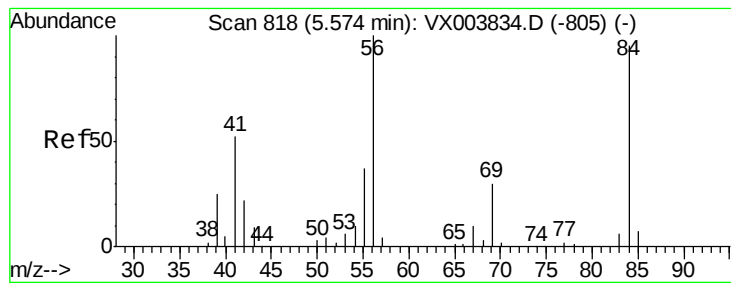
Tgt Ion: 42 Resp: 3243
Ion Ratio Lower Upper
42 100
72 39.6 36.1 54.1
71 37.9 33.6 50.4



#30
Chloroform
Concen: 1.013 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion: 83 Resp: 2291
Ion Ratio Lower Upper
83 100
85 54.4 51.5 77.3





#31

Cyclohexane

Concen: 0.847 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

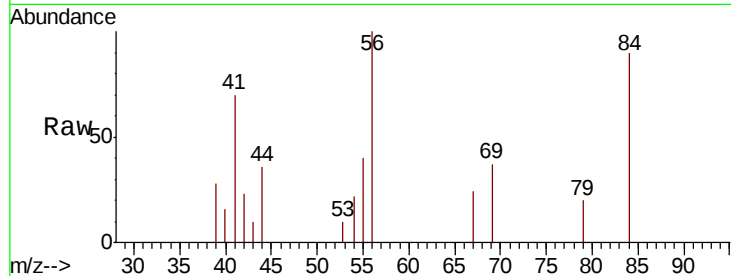
Tgt Ion: 56 Resp: 1616

Ion Ratio Lower Upper

56 100

69 36.9 23.7 35.5#

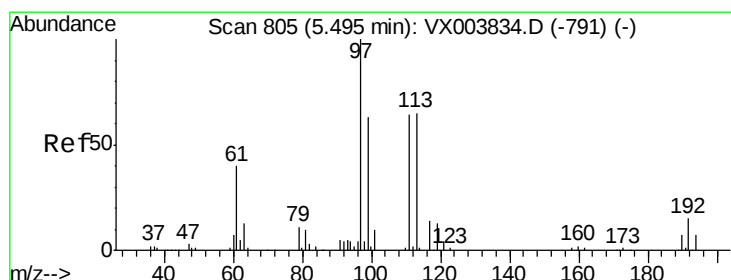
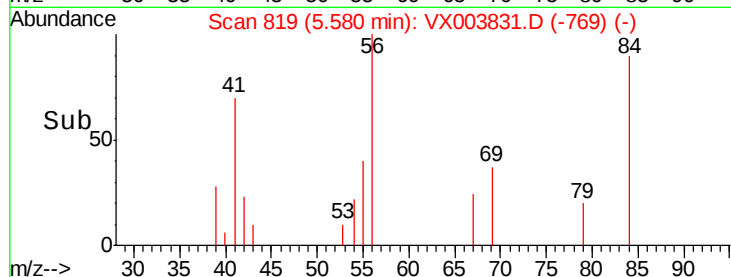
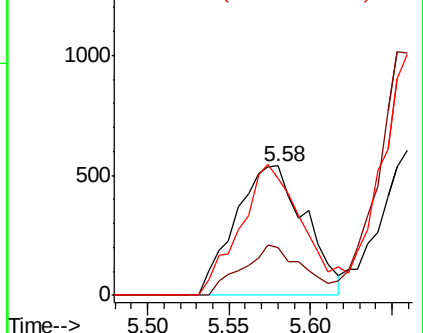
84 90.2 75.7 113.5



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: 0.923 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

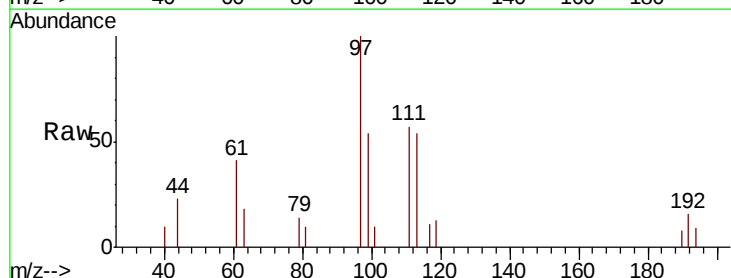
Tgt Ion: 97 Resp: 1709

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

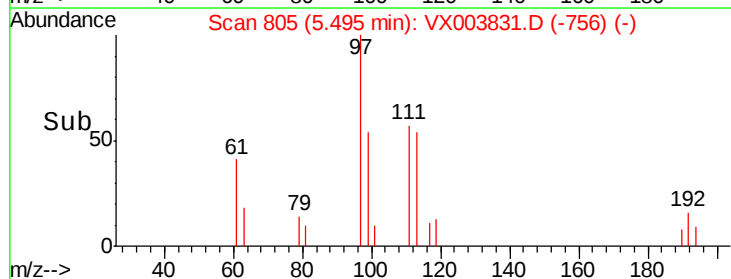
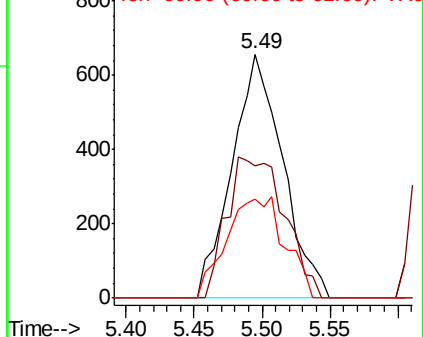
61 47.5 33.3 49.9

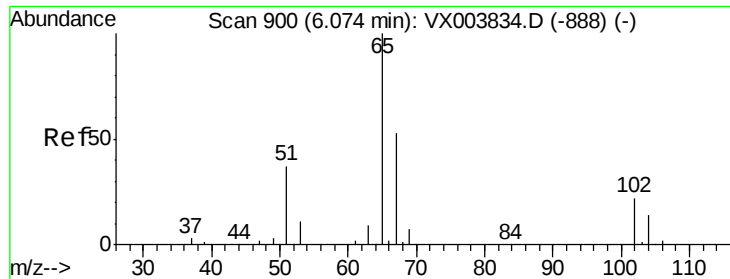


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

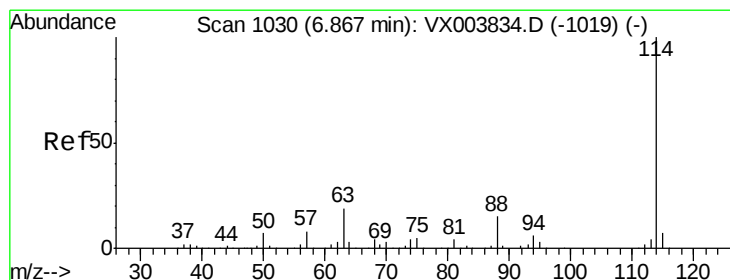
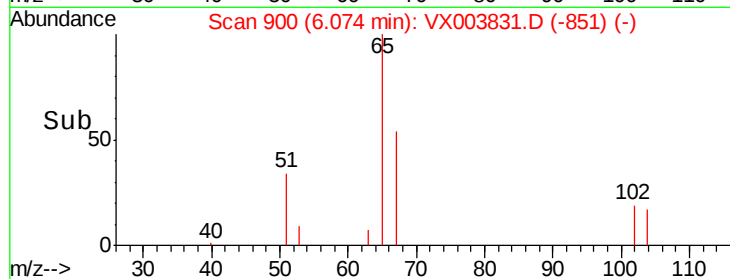
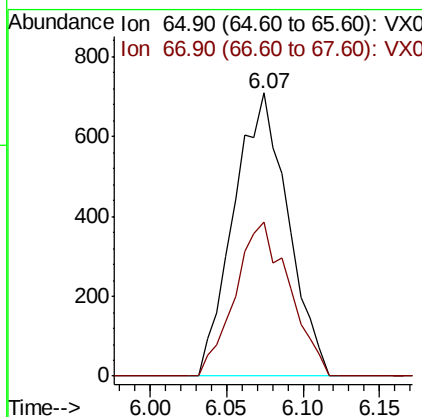
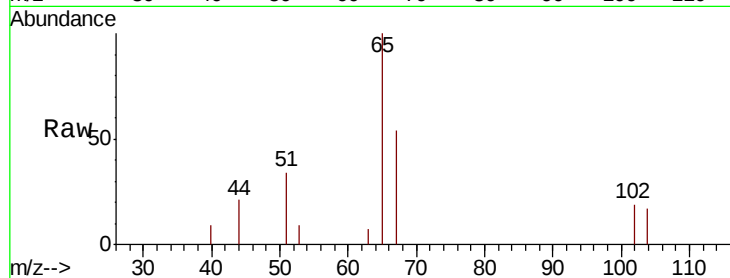




#33
 1,2-Dichloroethane-d4
 Concen: 1.170 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

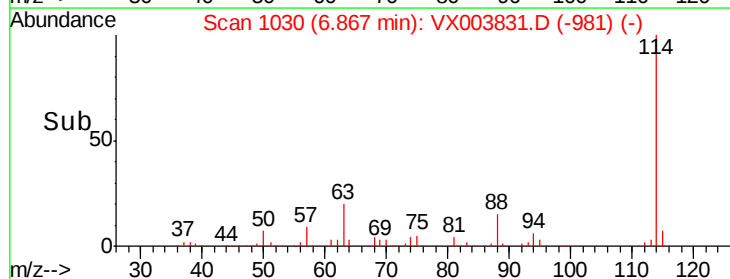
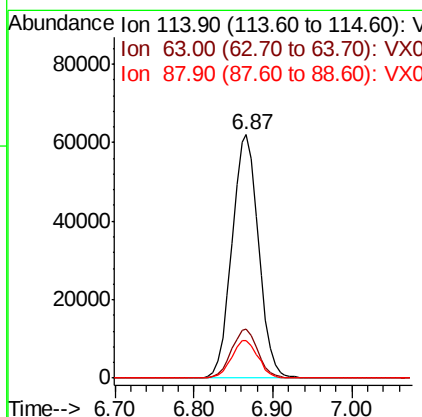
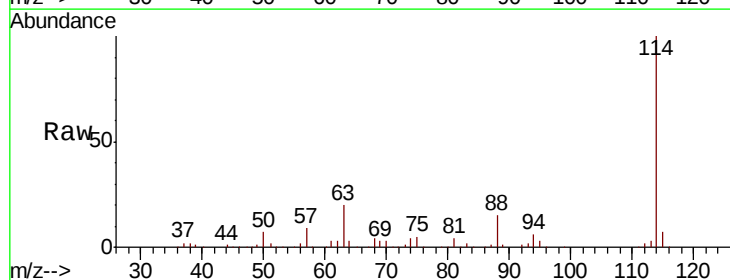
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

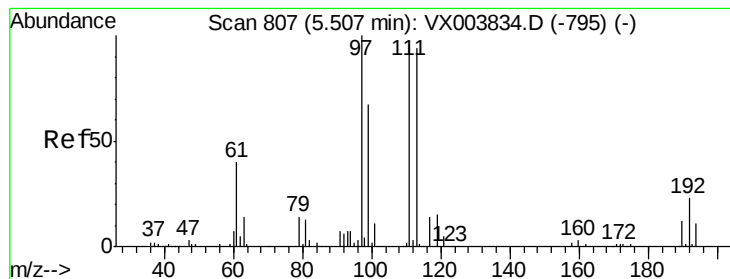
Tgt Ion: 65 Resp: 1741
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion: 114 Resp: 145332
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.2
 88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 1.033 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

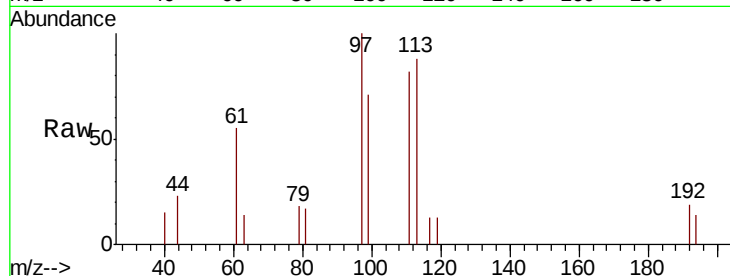
Tgt Ion:113 Resp: 1227

Ion Ratio Lower Upper

113 100

111 108.7 81.1 121.7

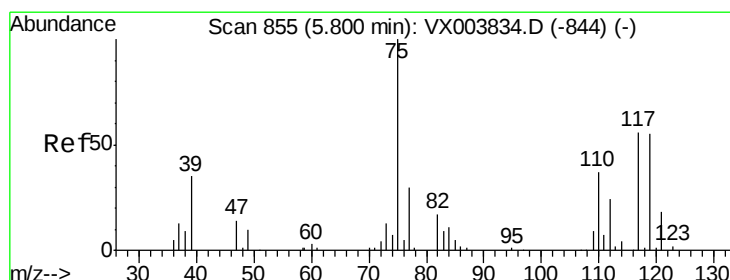
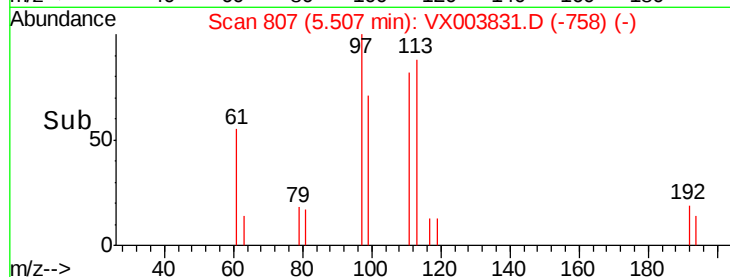
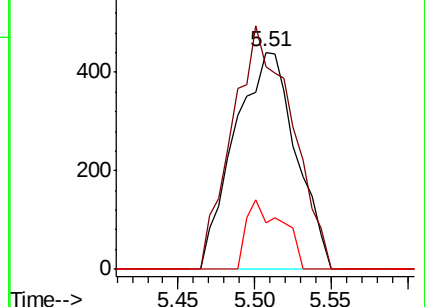
192 18.6 19.7 29.5#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.006 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

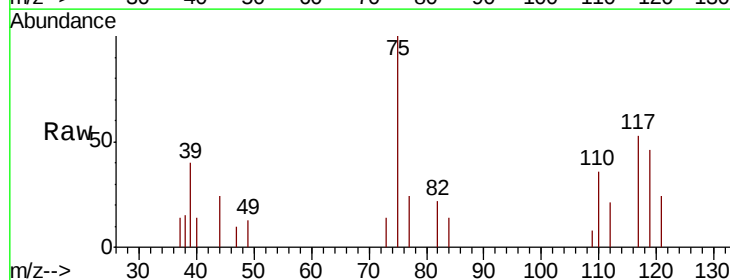
Tgt Ion: 75 Resp: 1671

Ion Ratio Lower Upper

75 100

110 34.2 18.6 55.8

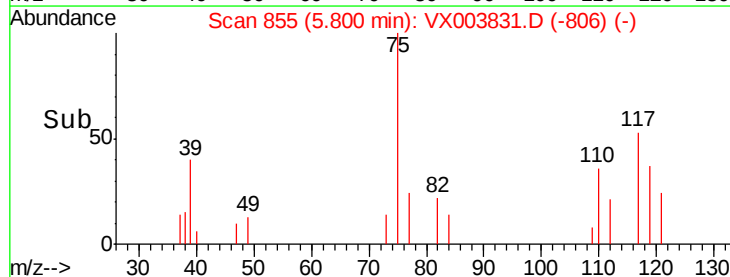
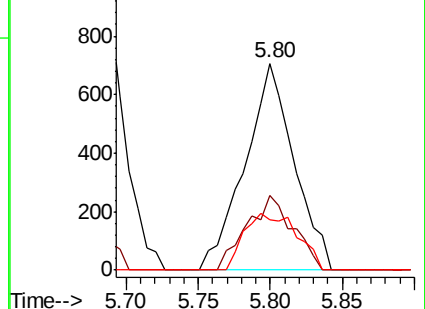
77 29.6 24.9 37.3

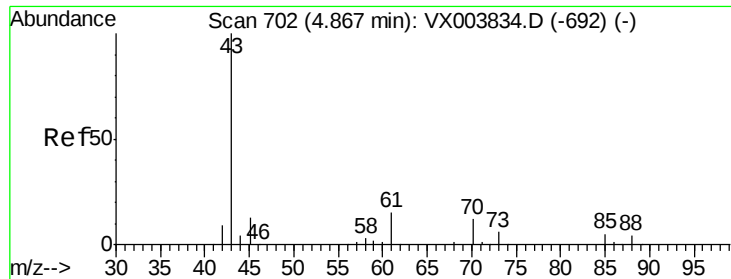


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

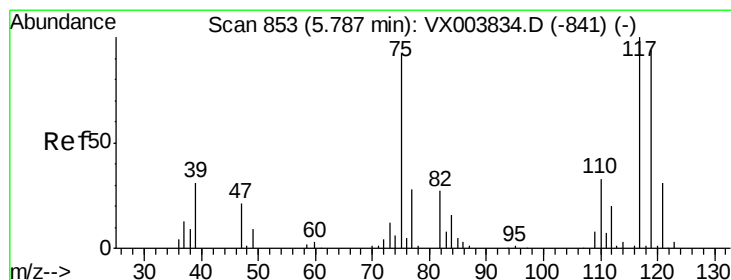
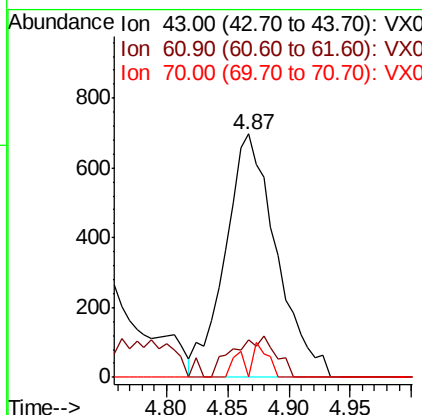
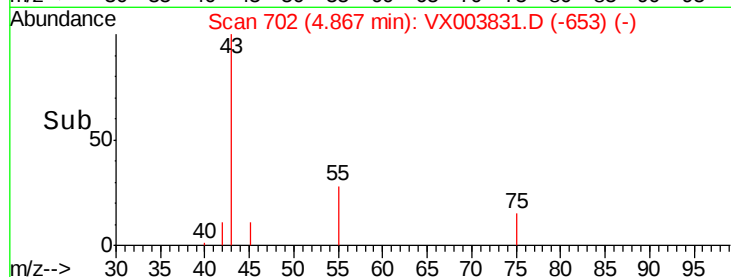
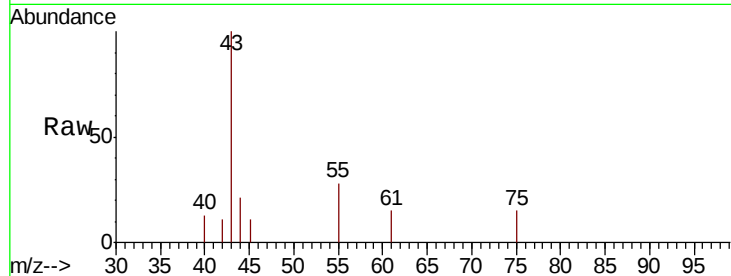




#37
Ethyl Acetate
Concen: 0.996 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

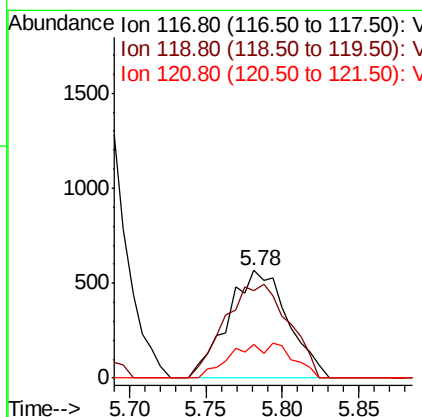
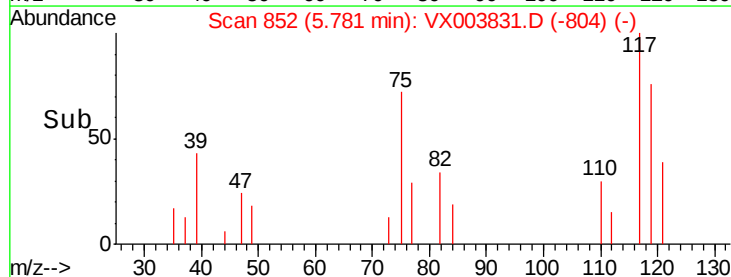
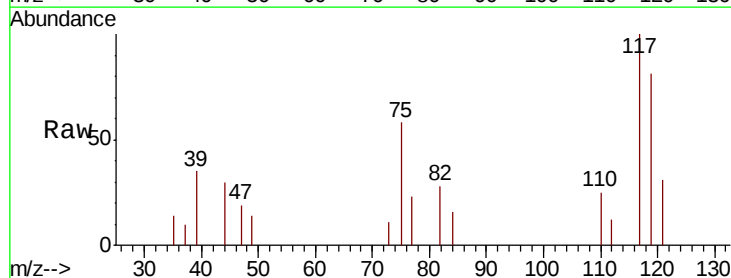
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

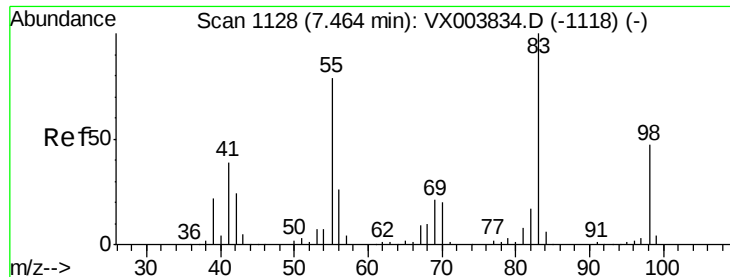
Tgt Ion: 43 Resp: 2020
Ion Ratio Lower Upper
43 100
61 0.0 12.4 18.6#
70 2.4 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 0.969 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion: 117 Resp: 1551
Ion Ratio Lower Upper
117 100
119 81.4 74.6 112.0
121 31.4 24.4 36.6

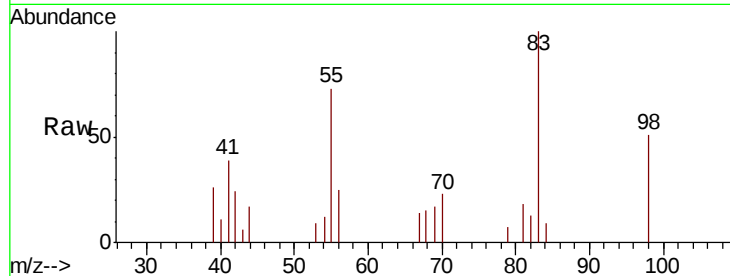




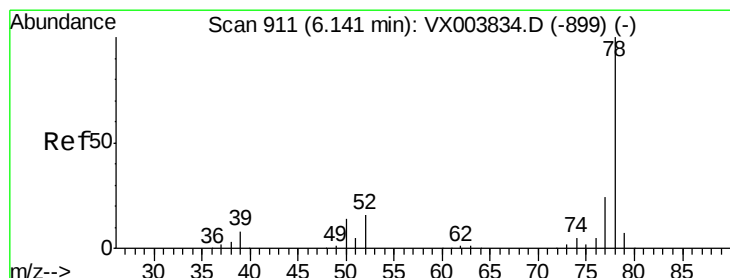
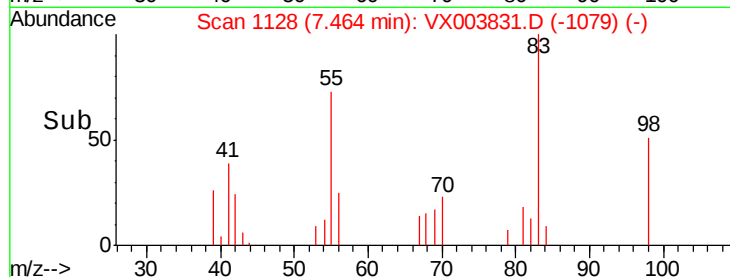
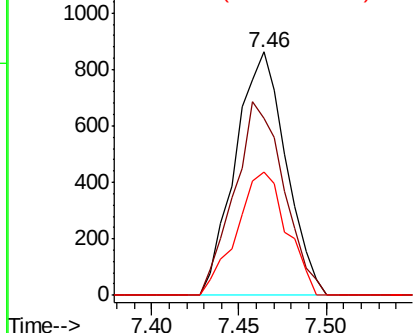
#39
Methylcyclohexane
Concen: 0.986 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 1744
Ion Ratio Lower Upper
83 100
55 72.9 63.1 94.7
98 50.6 37.5 56.3

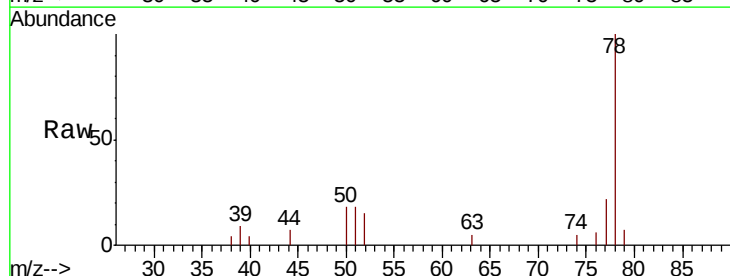


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

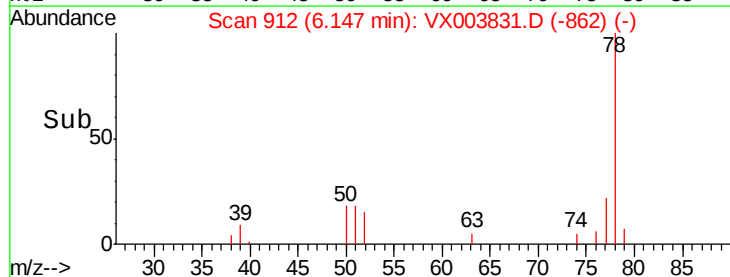
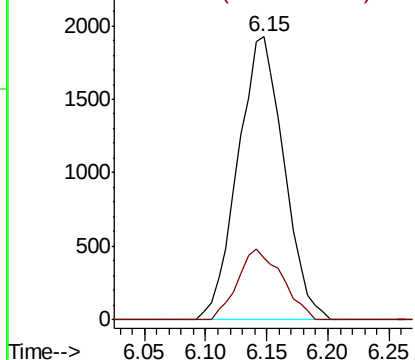


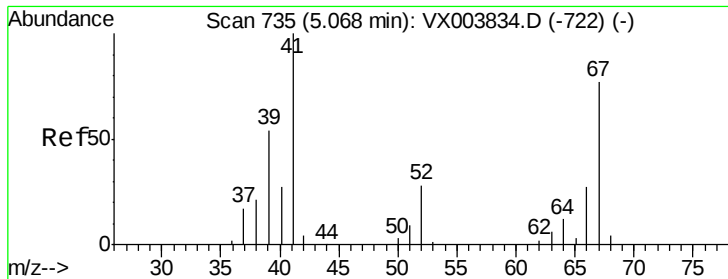
#40
Benzene
Concen: 1.007 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion: 78 Resp: 5037
Ion Ratio Lower Upper
78 100
77 21.8 18.9 28.3



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





#41

Methacrylonitrile

Concen: 0.909 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1021

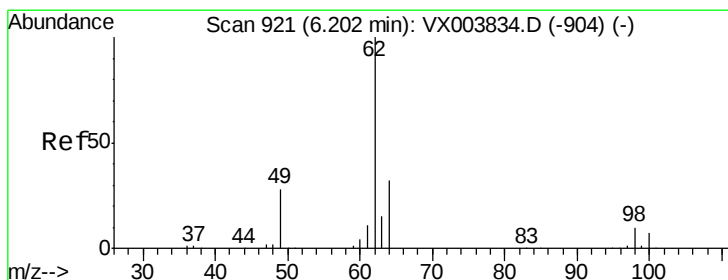
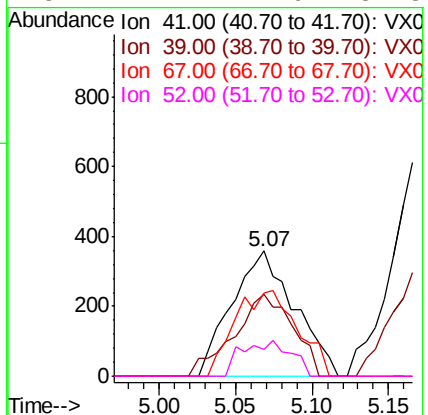
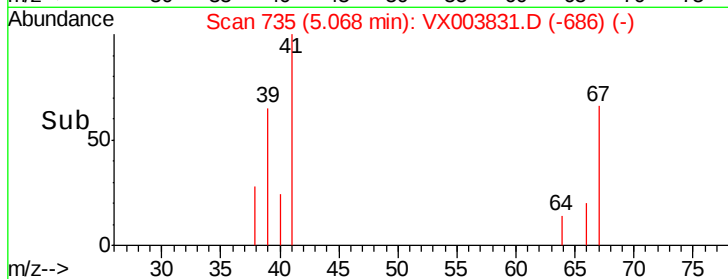
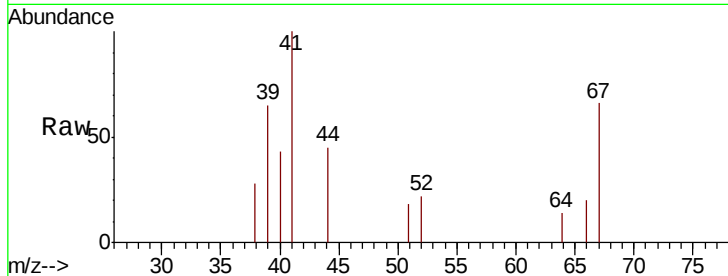
Ion Ratio Lower Upper

41 100

39 61.7 42.5 63.7

67 68.3 58.8 88.2

52 22.2 22.9 34.3#



#42

1,2-Dichloroethane

Concen: 0.949 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003831.D

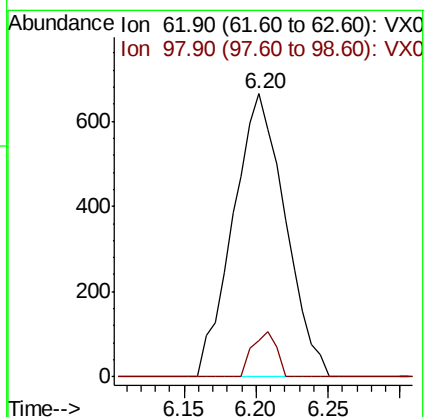
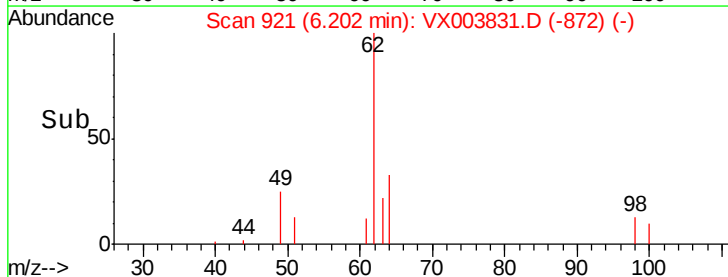
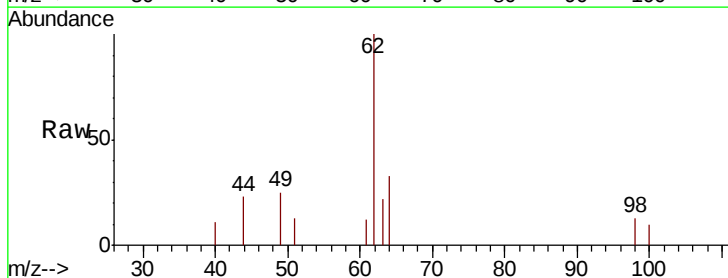
Acq: 02 Aug 2018 18:55

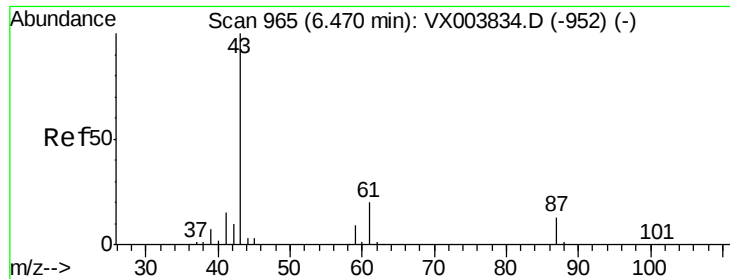
Tgt Ion: 62 Resp: 1669

Ion Ratio Lower Upper

62 100

98 7.2 0.0 19.6





#43

Isopropyl Acetate

Concen: 0.914 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

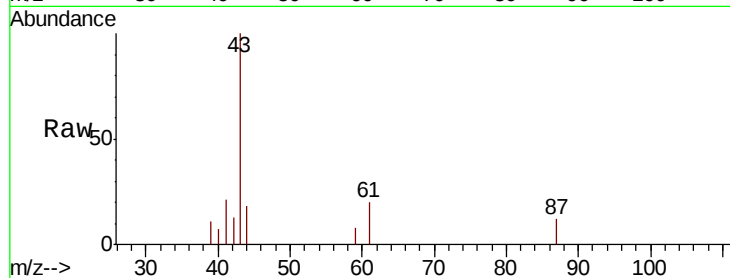
Tgt Ion: 43 Resp: 2703

Ion Ratio Lower Upper

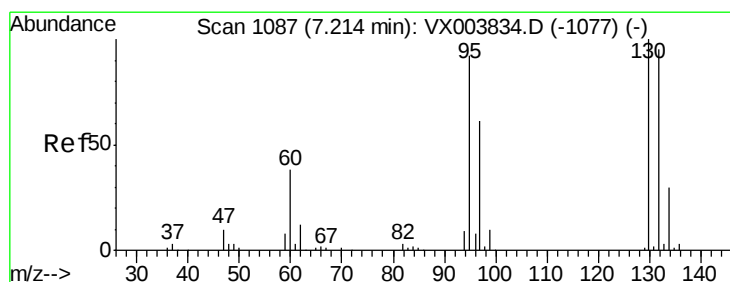
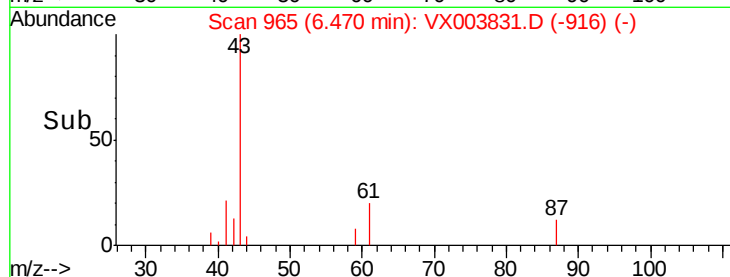
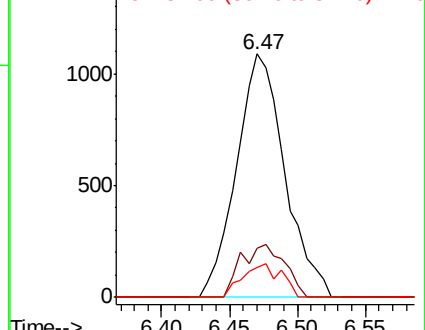
43 100

61 19.5 16.7 25.1

87 11.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.994 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003831.D

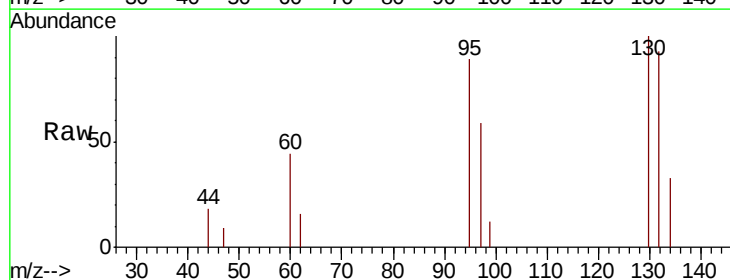
Acq: 02 Aug 2018 18:55

Tgt Ion: 130 Resp: 1330

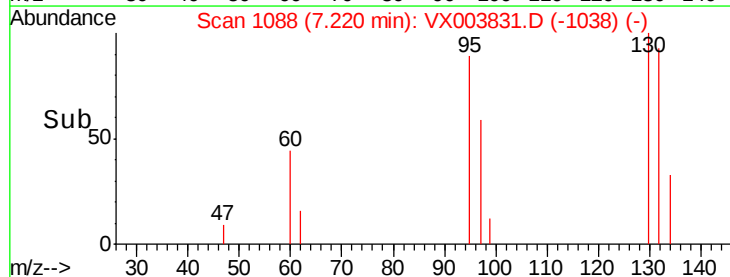
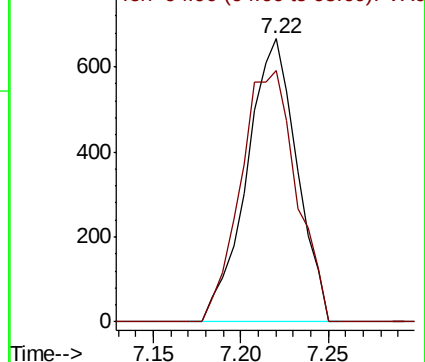
Ion Ratio Lower Upper

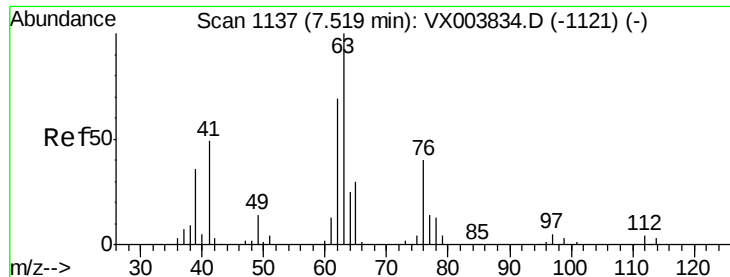
130 100

95 88.7 0.0 184.8



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





#45

1,2-Dichloropropane

Concen: 0.952 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

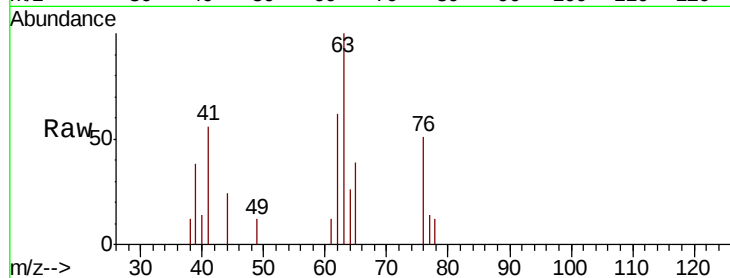
VSTDIC001

Tgt Ion: 63 Resp: 1235

Ion Ratio Lower Upper

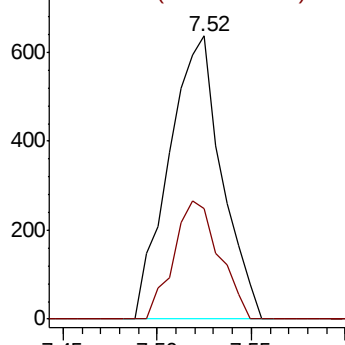
63 100

65 39.2 24.2 36.4#

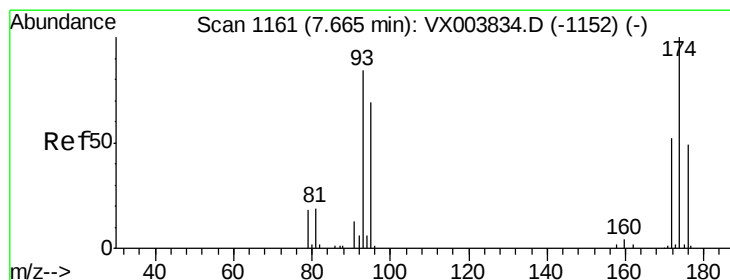
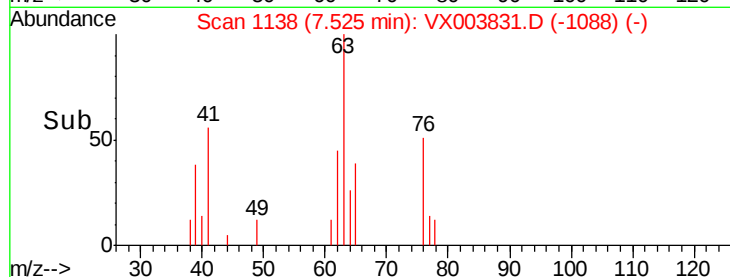


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 0.971 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

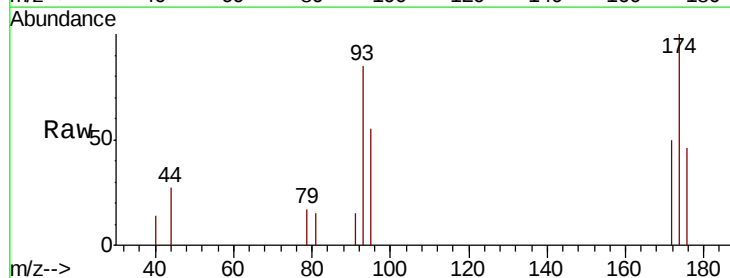
Tgt Ion: 93 Resp: 815

Ion Ratio Lower Upper

93 100

95 85.4 67.0 100.6

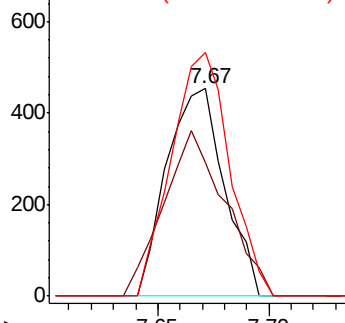
174 119.1 97.4 146.2



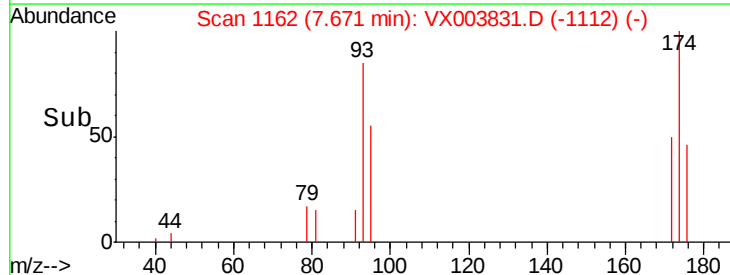
Abundance Ion 92.80 (92.50 to 93.50): VX0

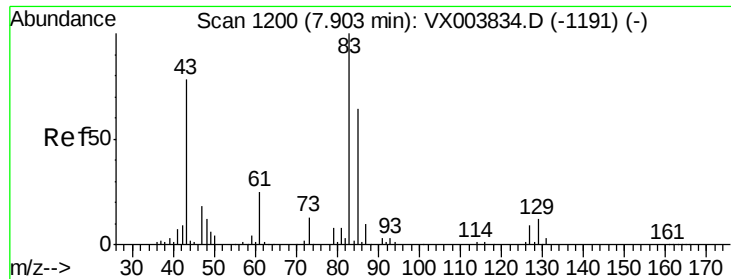
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 0.973 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

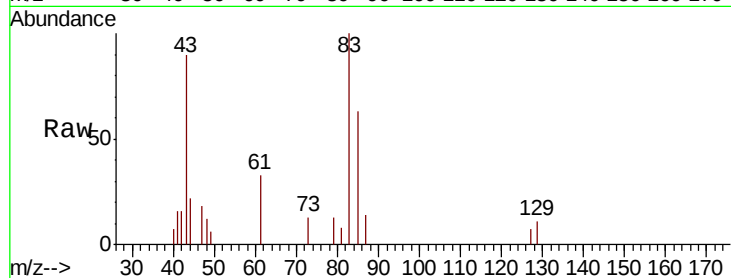
Tgt Ion: 83 Resp: 1525

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.2

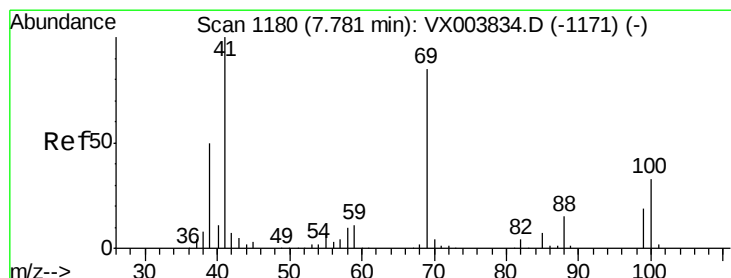
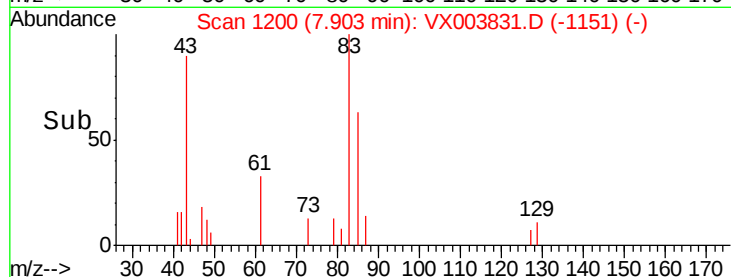
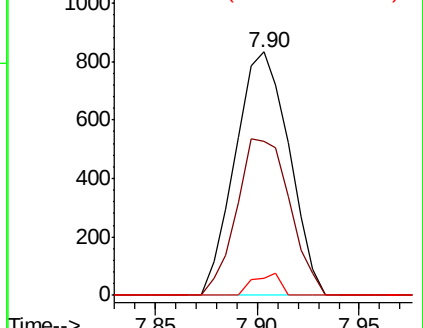
127 6.8 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.858 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

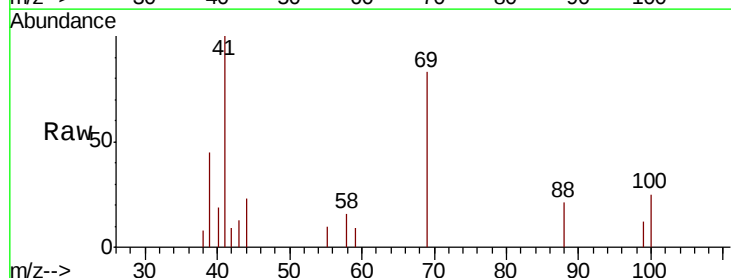
Tgt Ion: 41 Resp: 1288

Ion Ratio Lower Upper

41 100

69 77.3 70.2 105.4

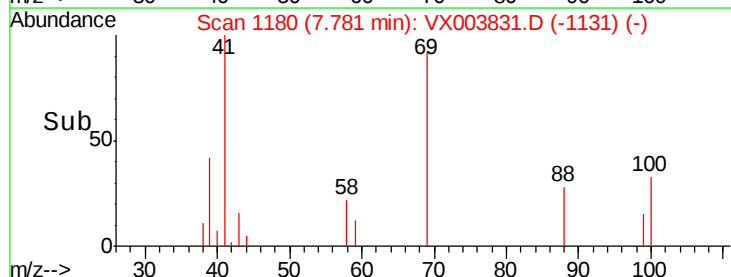
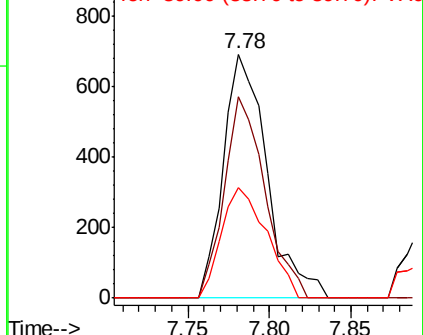
39 46.7 40.9 61.3

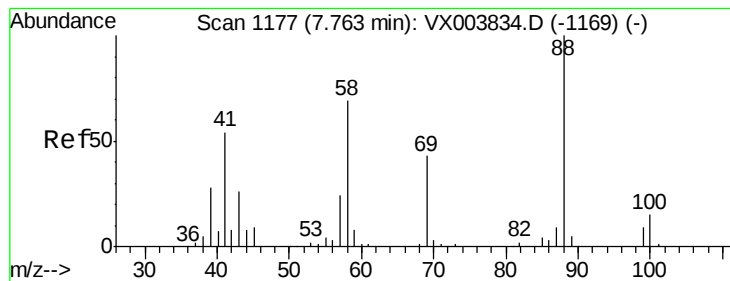


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 19.401 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

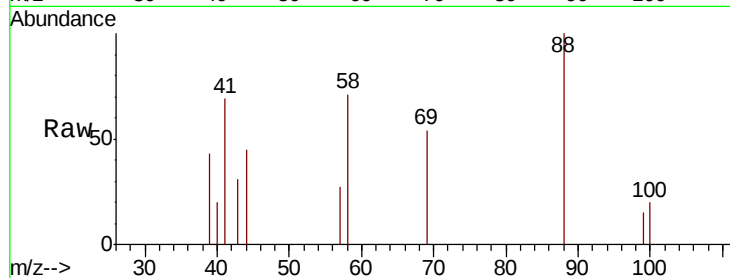
Tgt Ion: 88 Resp: 654

Ion Ratio Lower Upper

88 100

43 28.3 24.4 36.6

58 71.3 56.5 84.7

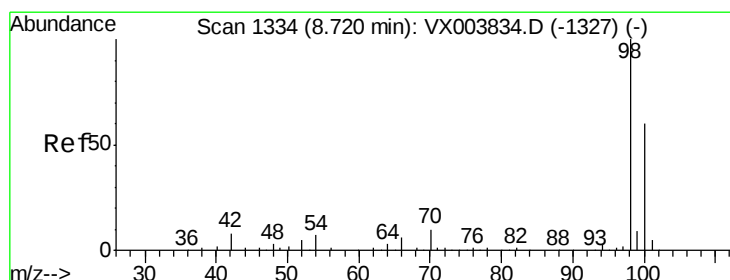
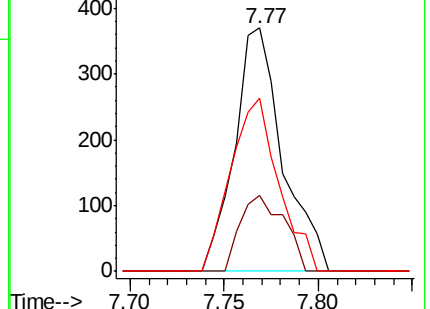
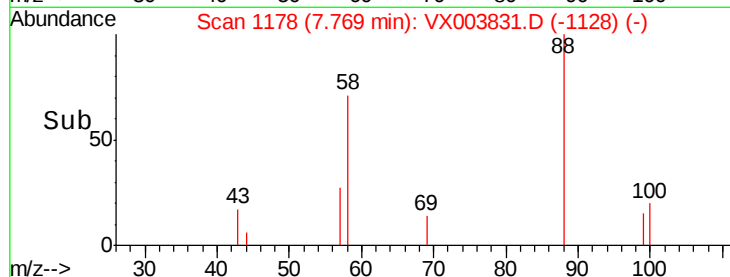


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time--> 7.70 7.75 7.80



#50

Toluene-d8

Concen: 0.945 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003831.D

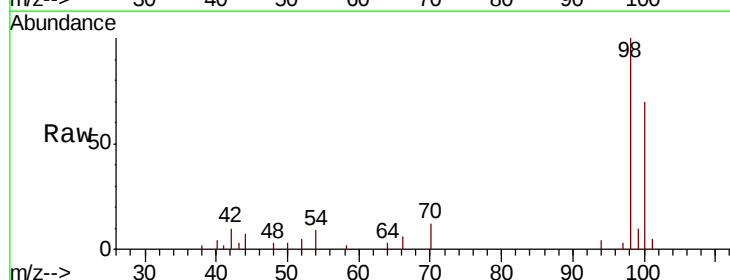
Acq: 02 Aug 2018 18:55

Tgt Ion: 98 Resp: 4264

Ion Ratio Lower Upper

98 100

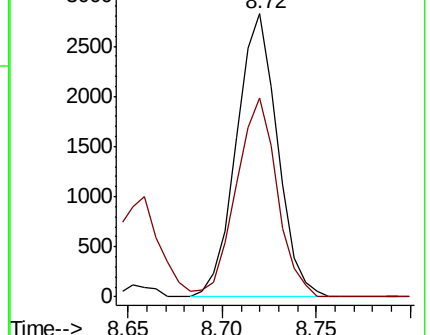
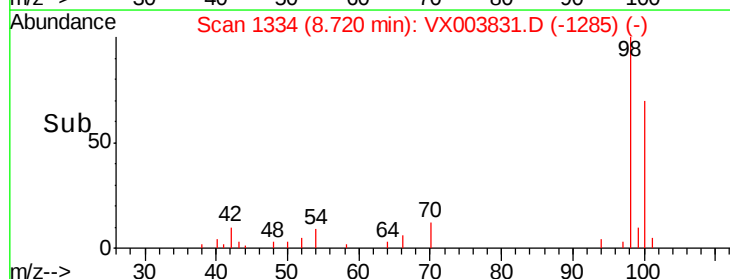
100 70.0 51.4 77.2

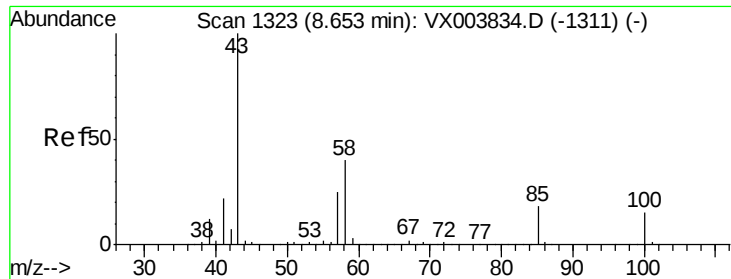


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

Time--> 8.65 8.70 8.75

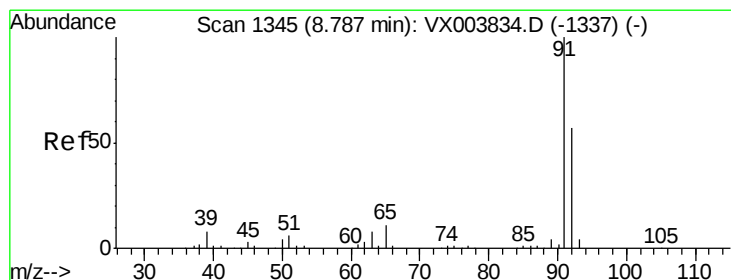
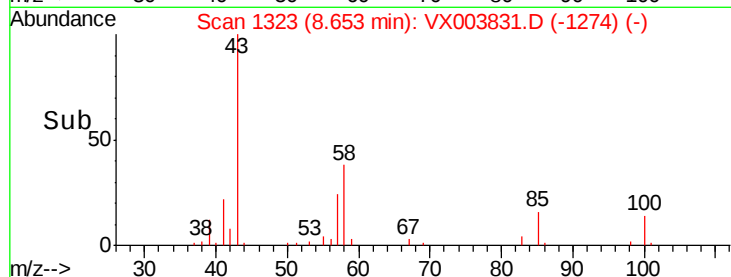
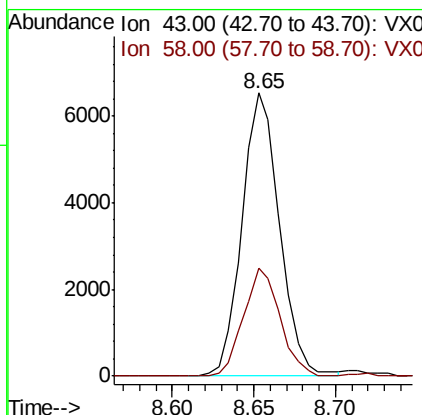
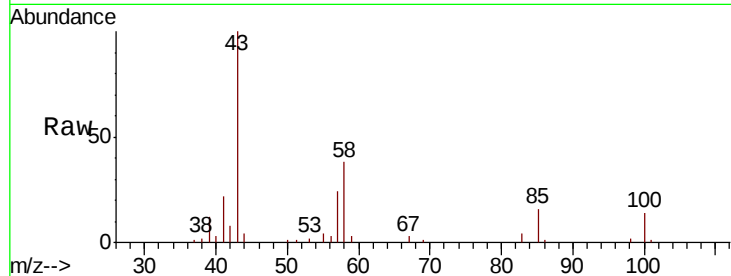




#51
 4-Methyl-2-Pentanone
 Concen: 5.026 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

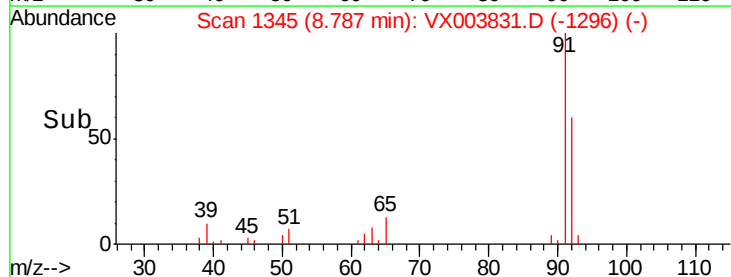
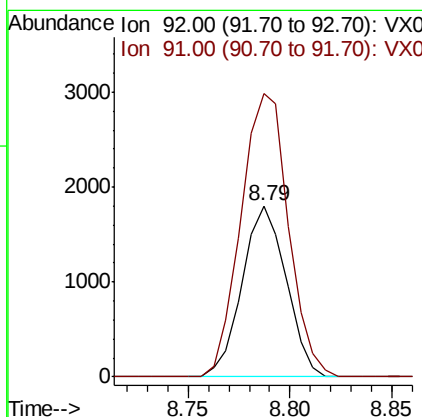
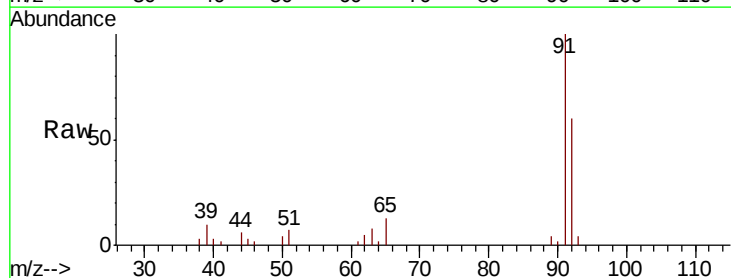
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

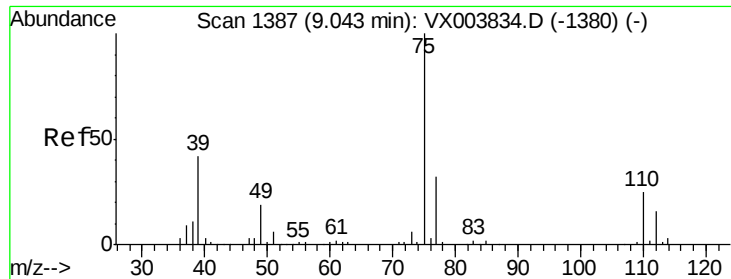
Tgt Ion: 43 Resp: 10467
 Ion Ratio Lower Upper
 43 100
 58 36.9 32.2 48.2



#52
 Toluene
 Concen: 0.868 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion: 92 Resp: 2700
 Ion Ratio Lower Upper
 92 100
 91 178.7 140.2 210.2

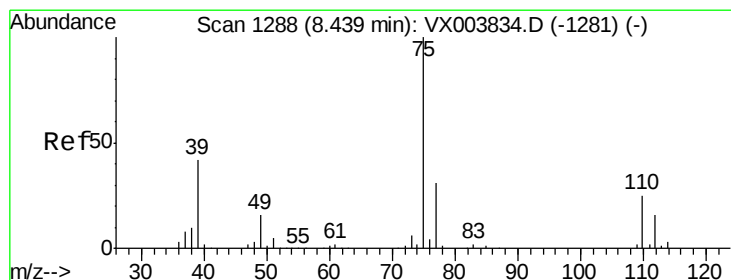
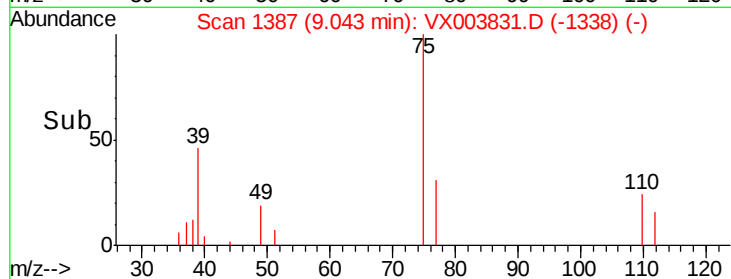
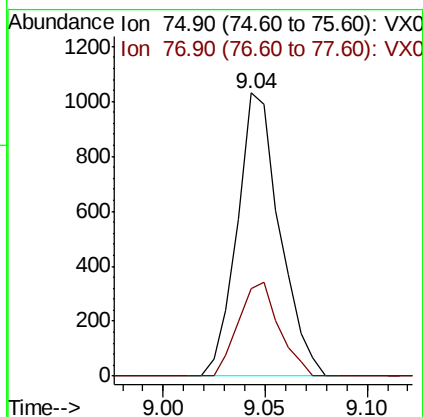
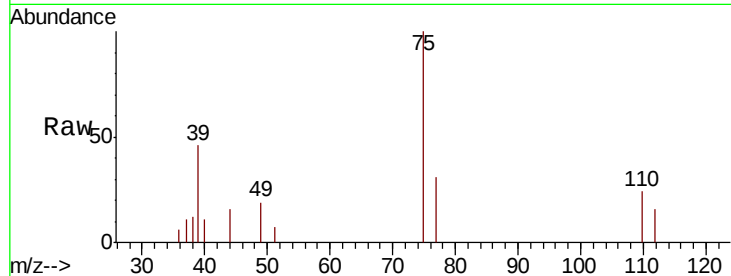




#53
t-1,3-Dichloropropene
Concen: 0.861 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

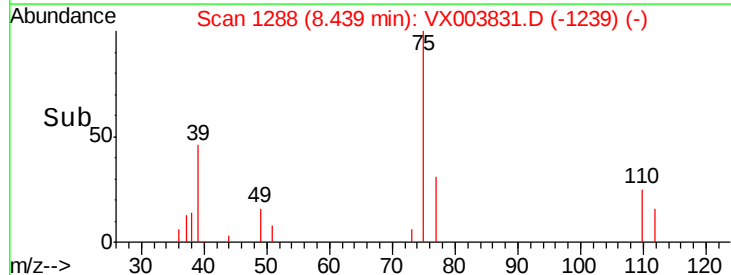
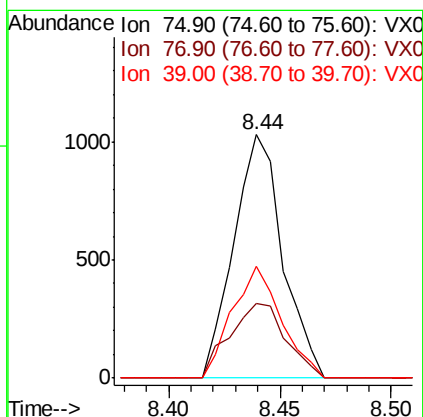
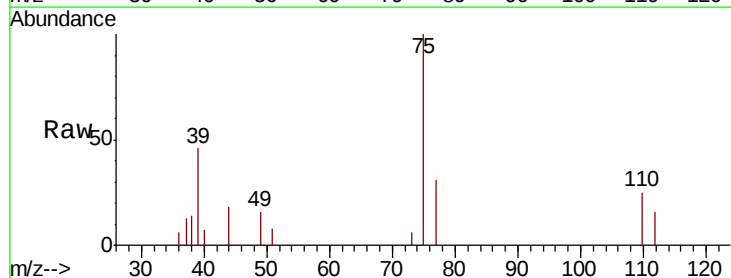
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

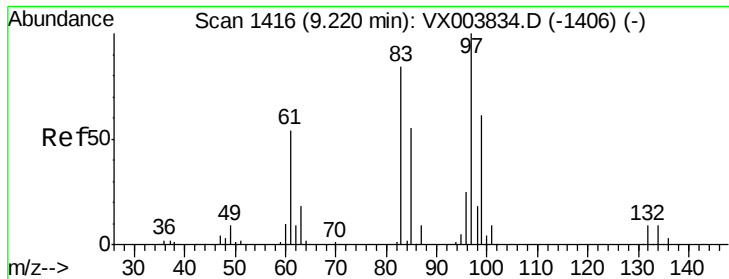
Tgt Ion: 75 Resp: 1494
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 0.827 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion: 75 Resp: 1574
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8
39 45.8 33.5 50.3

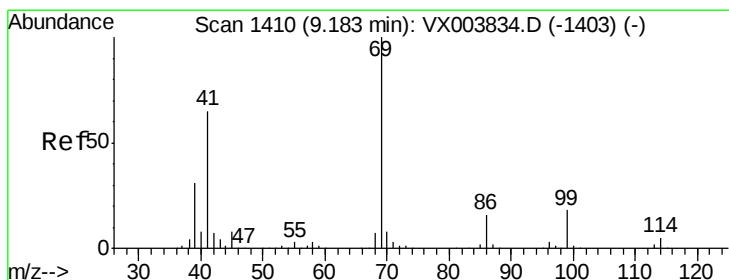
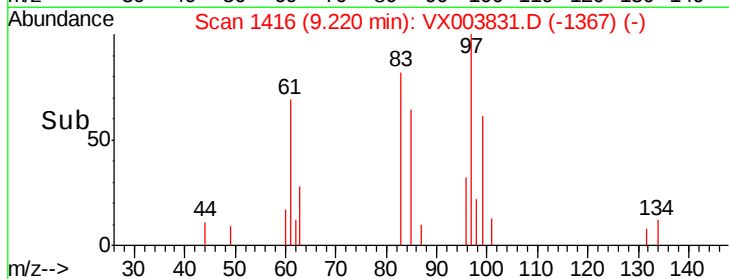
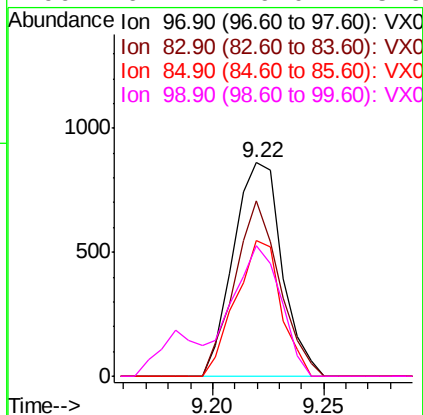
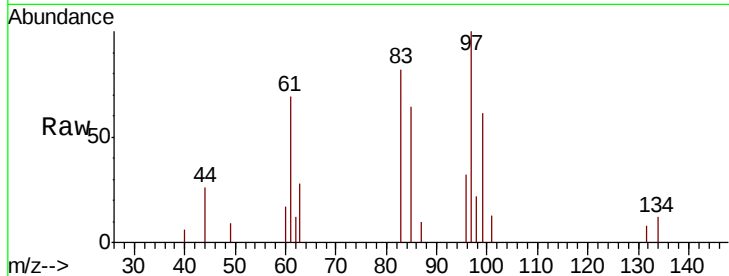




#55
 1,1,2-Trichloroethane
 Concen: 1.024 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

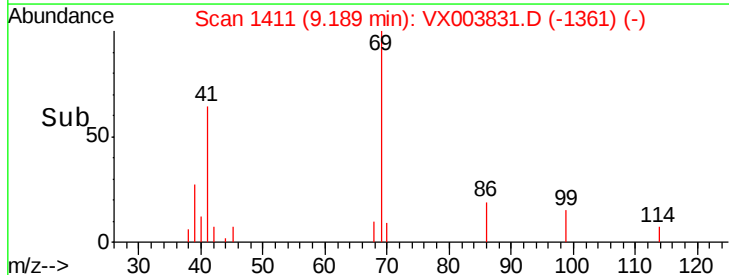
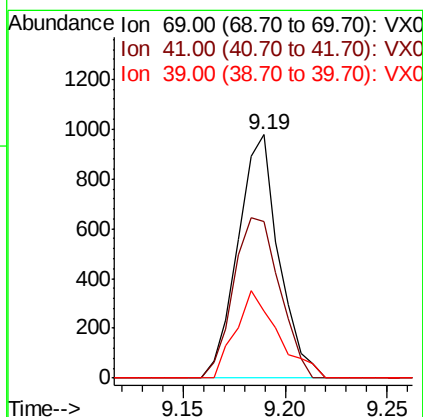
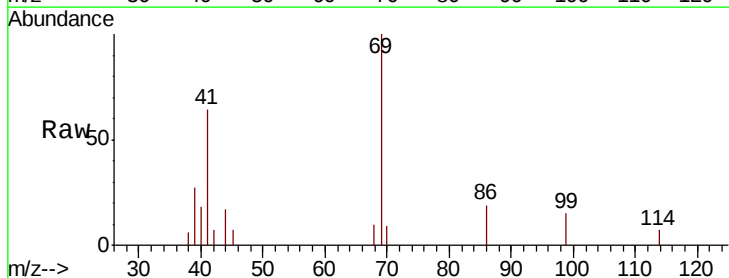
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

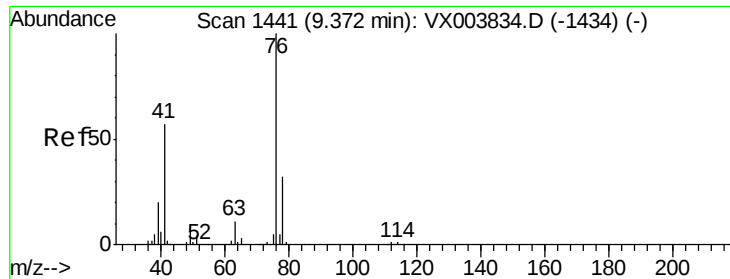
Tgt Ion:	97	Resp:	1313
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.4	101.2
85	63.8	43.9	65.9
99	61.1	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 0.718 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion:	69	Resp:	1363
Ion	Ratio	Lower	Upper
69	100		
41	74.5	51.1	76.7
39	37.3	24.7	37.1#

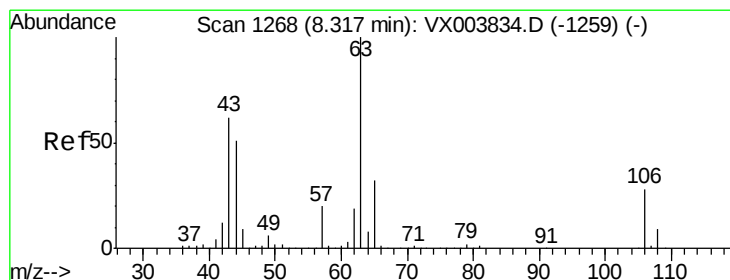
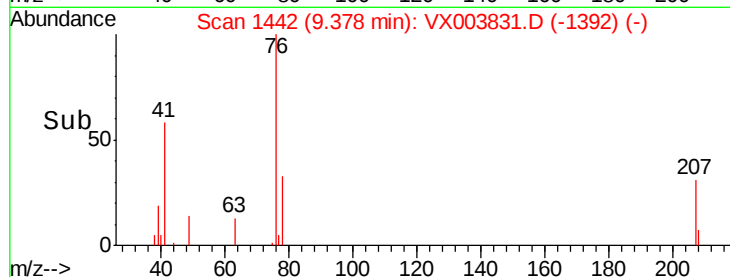
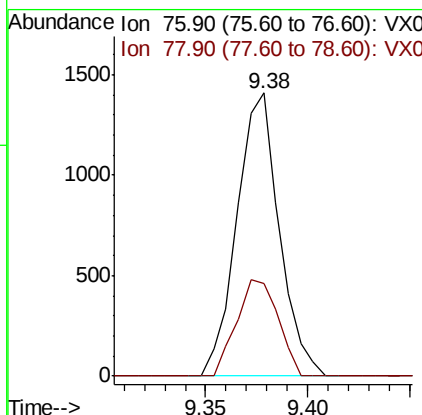
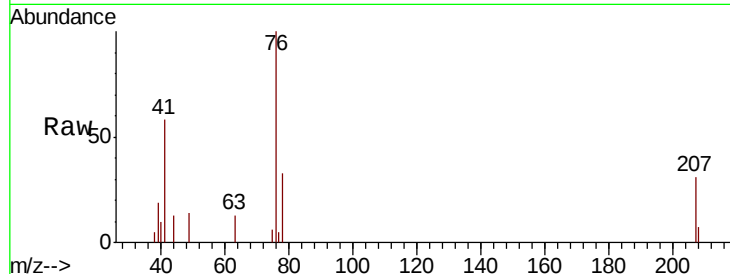




#57
 1,3-Dichloropropane
 Concen: 0.945 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

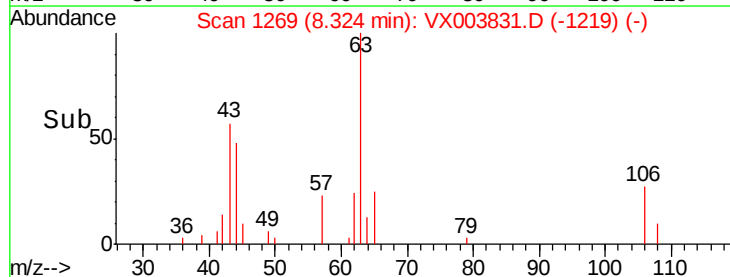
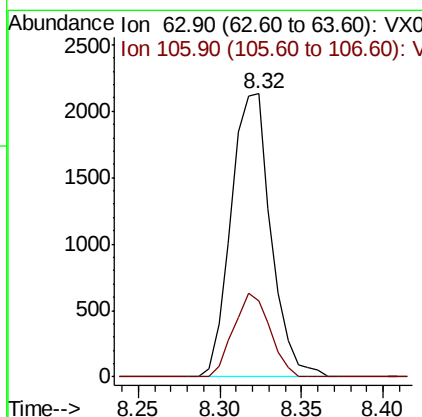
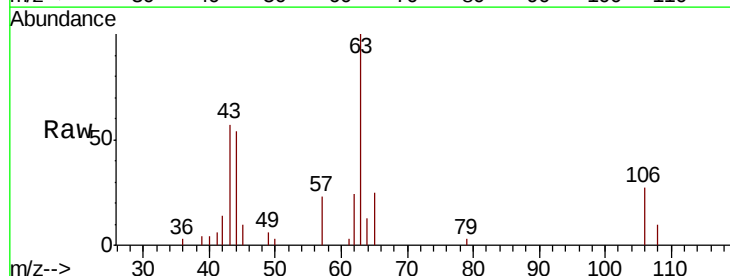
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

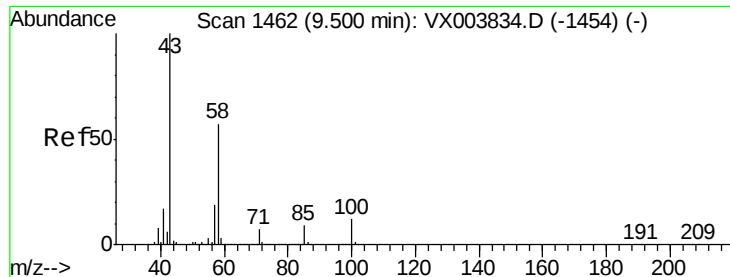
Tgt Ion: 76 Resp: 2032
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.797 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion: 63 Resp: 3642
 Ion Ratio Lower Upper
 63 100
 106 26.9 22.6 34.0

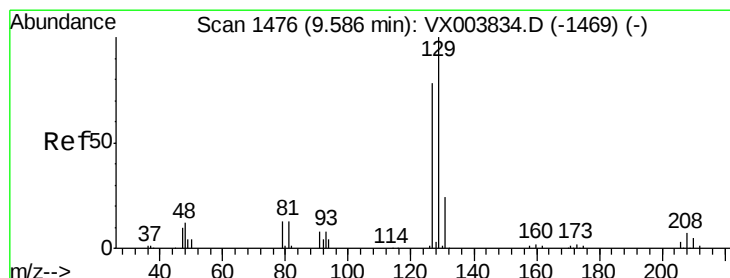
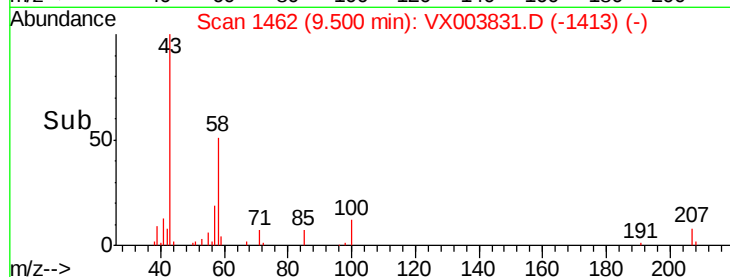
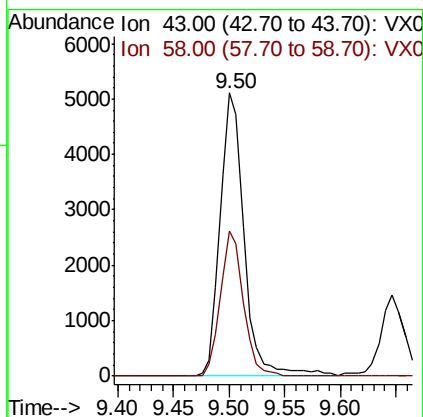
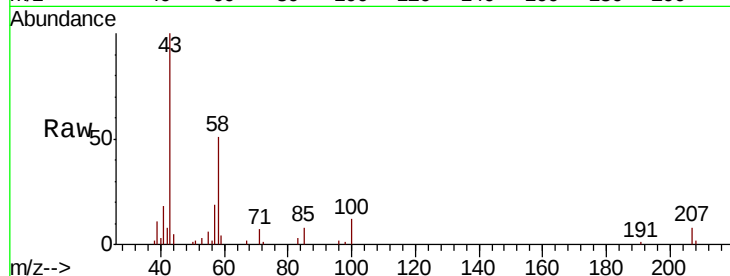




#59
2-Hexanone
Concen: 4.790 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

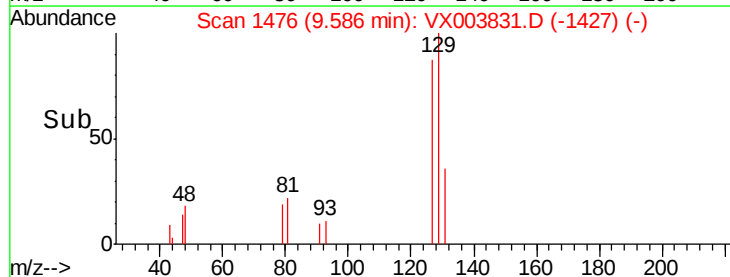
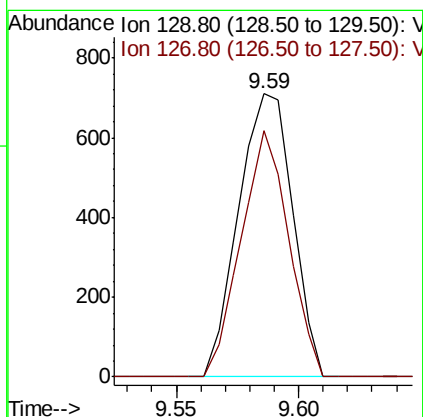
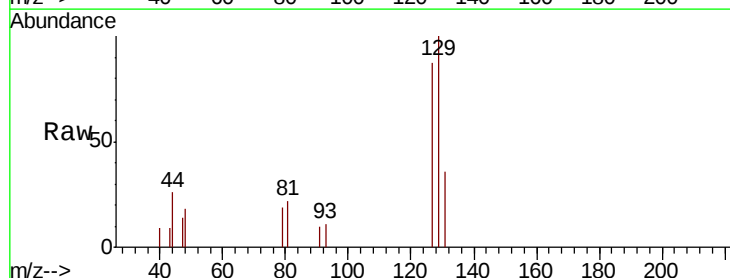
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

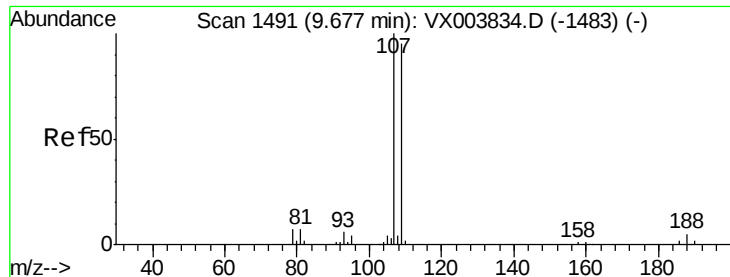
Tgt Ion: 43 Resp: 7644
Ion Ratio Lower Upper
43 100
58 48.7 28.2 84.7



#60
Dibromochloromethane
Concen: 0.892 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion: 129 Resp: 1090
Ion Ratio Lower Upper
129 100
127 76.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 0.914 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

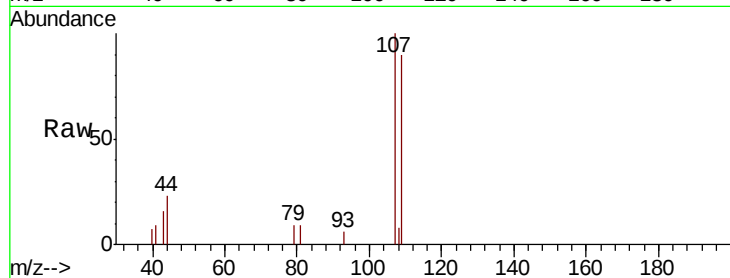
VSTDIC001

Tgt Ion: 107 Resp: 1224

Ion Ratio Lower Upper

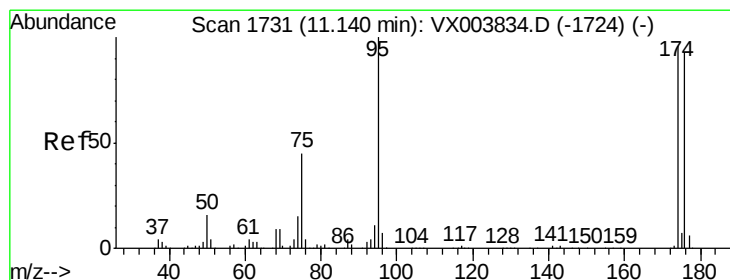
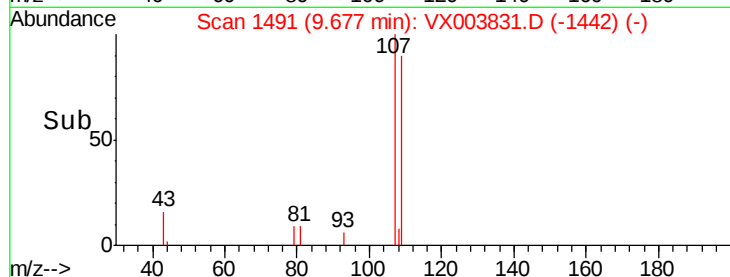
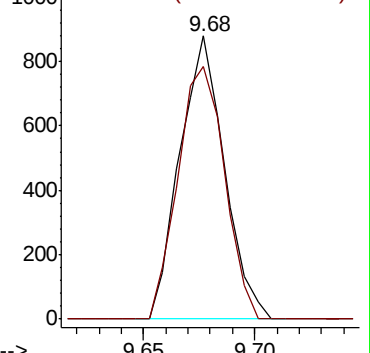
107 100

109 93.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.889 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

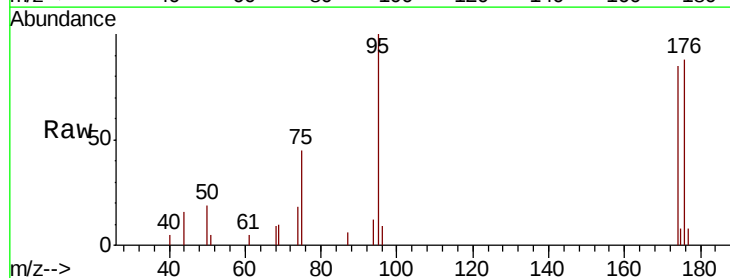
Tgt Ion: 95 Resp: 1466

Ion Ratio Lower Upper

95 100

174 92.2 0.0 192.2

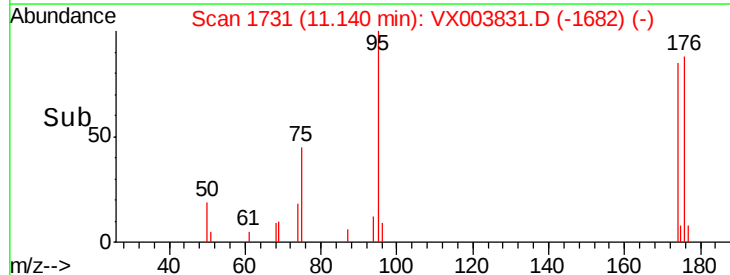
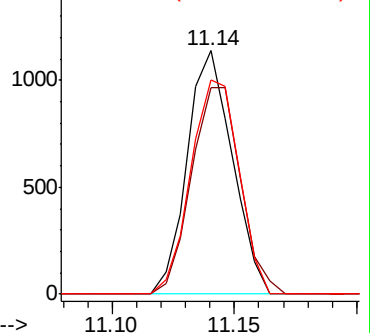
176 93.7 0.0 185.8

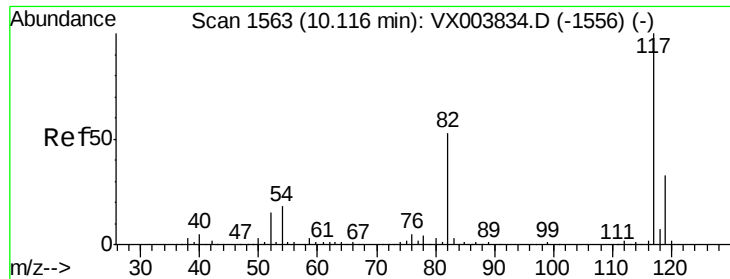


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

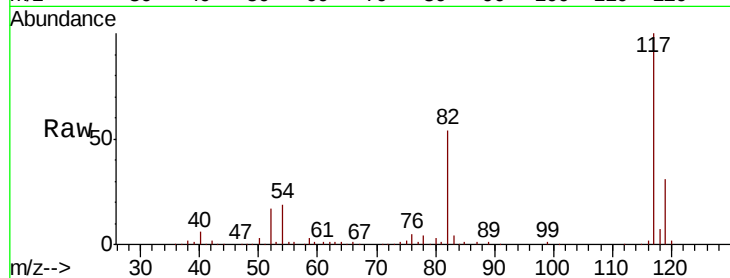
Tgt Ion:117 Resp: 137893

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.4

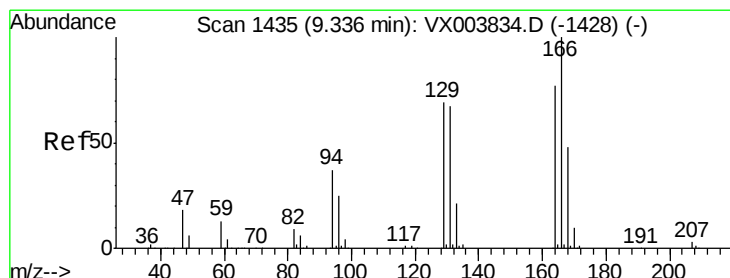
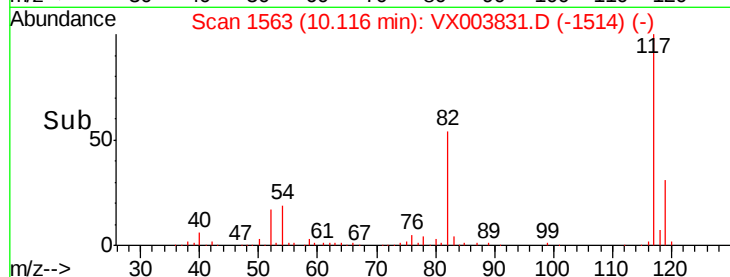
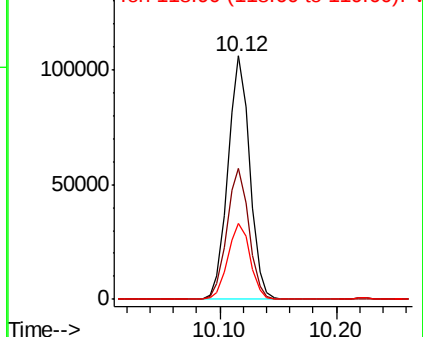
119 31.3 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.157 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Tgt Ion:164 Resp: 1436

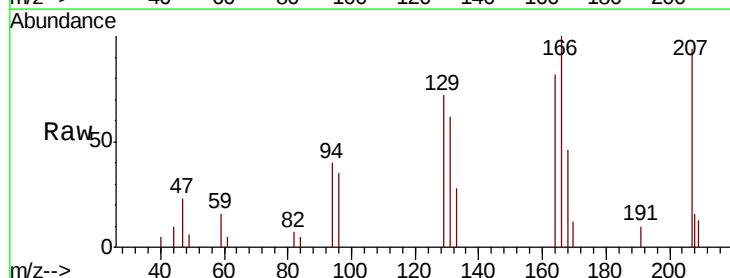
Ion Ratio Lower Upper

164 100

166 121.4 103.7 155.5

129 87.2 71.9 107.9

131 74.8 69.4 104.2

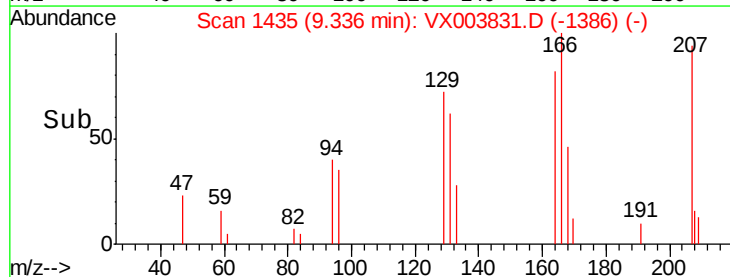
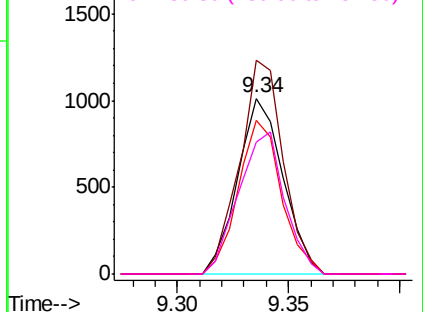


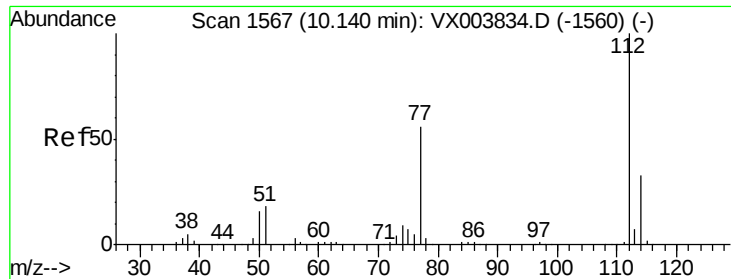
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

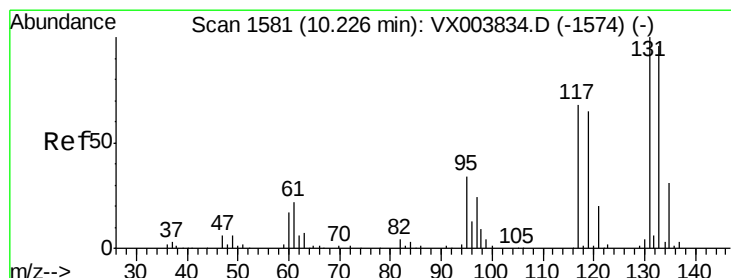
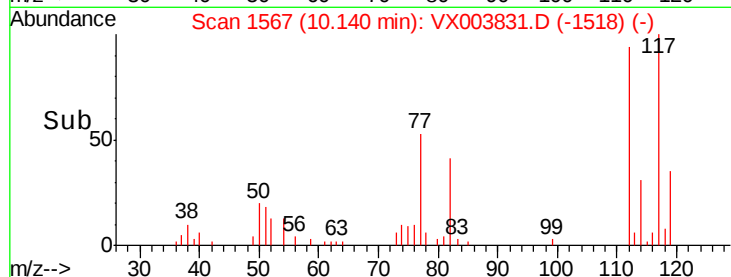
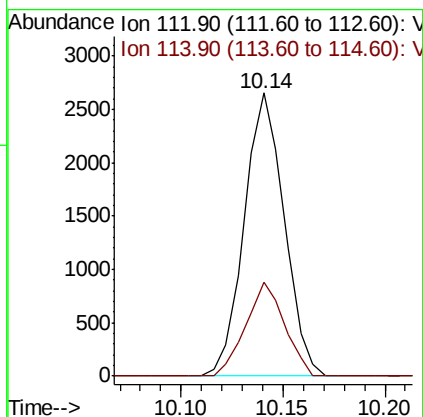
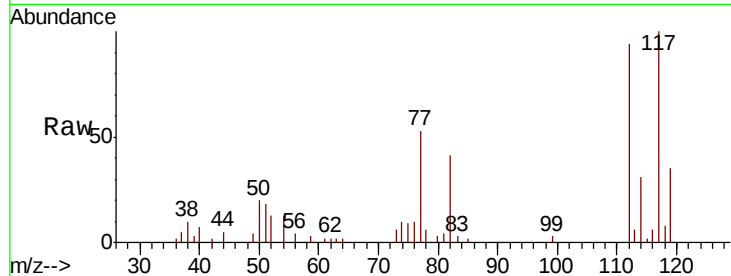




#65
Chlorobenzene
Concen: 1.046 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

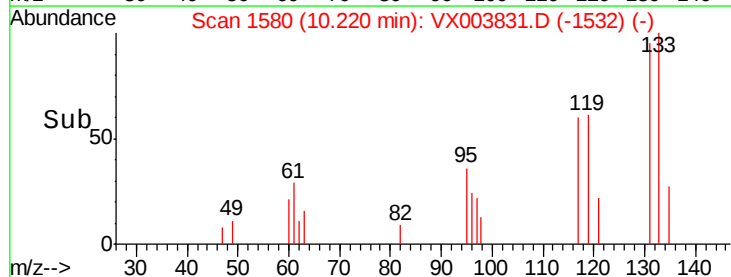
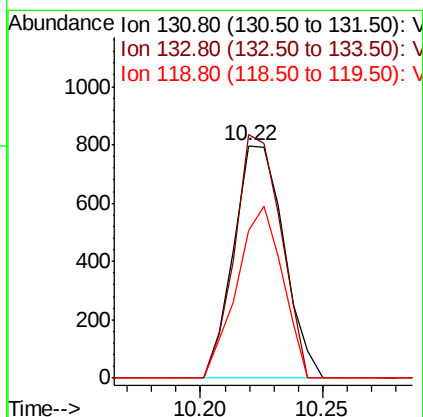
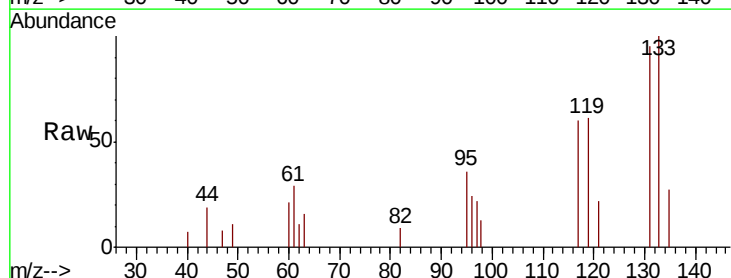
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

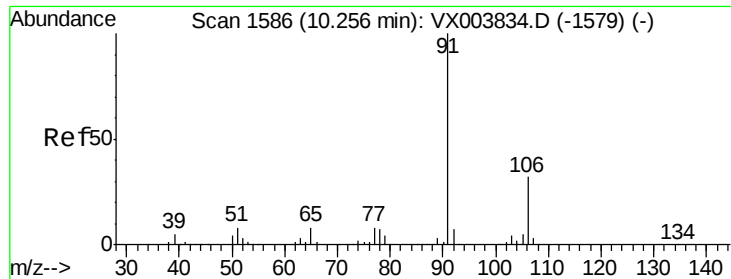
Tgt Ion:112 Resp: 3621
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.945 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion:131 Resp: 1143
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.8
119 0.0 32.8 98.3#

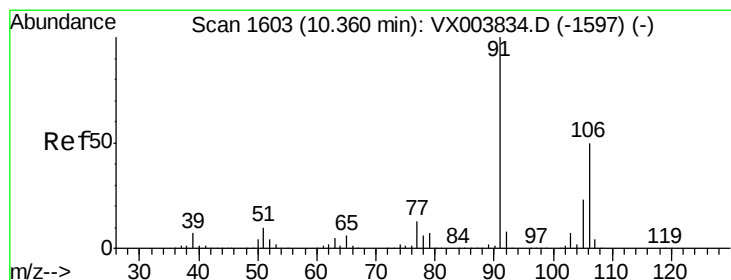
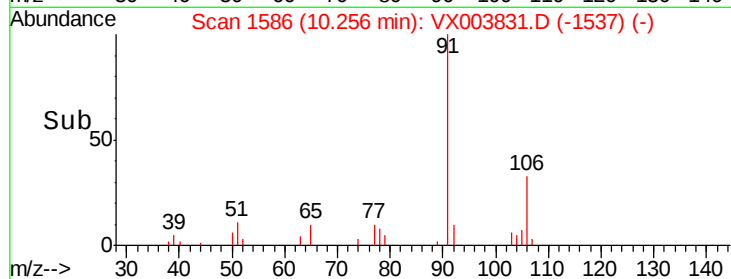
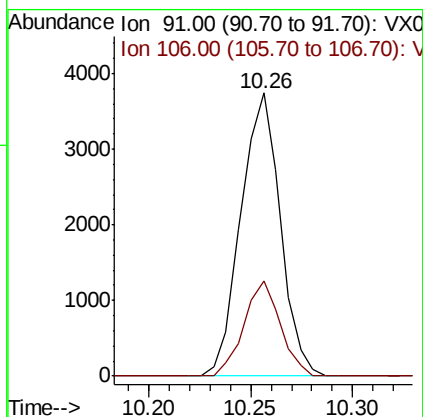
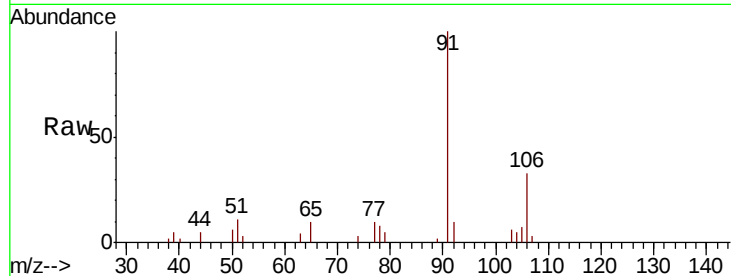




#67
Ethyl Benzene
Concen: 0.877 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

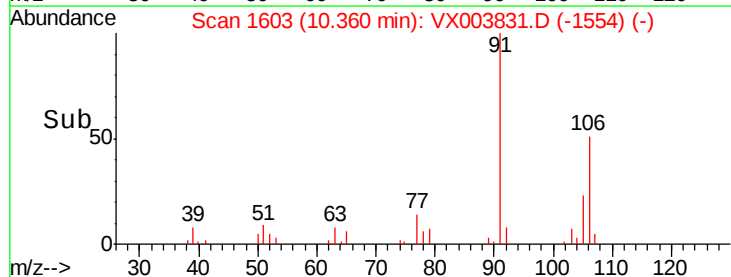
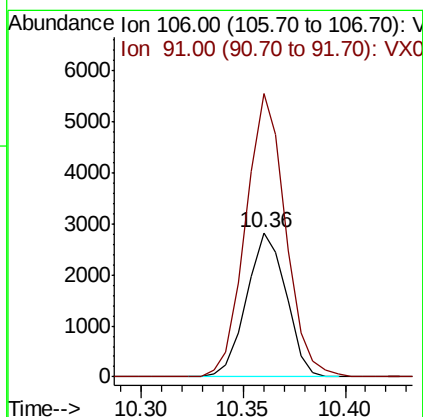
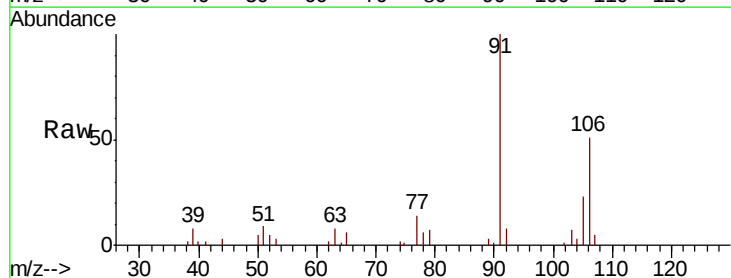
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

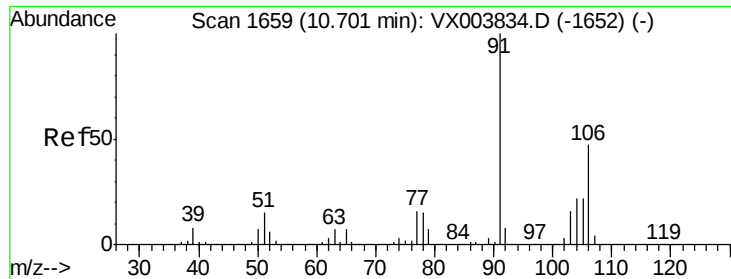
Tgt Ion: 91 Resp: 5020
Ion Ratio Lower Upper
91 100
106 33.5 25.7 38.5



#68
m/p-Xylenes
Concen: 1.725 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion: 106 Resp: 3796
Ion Ratio Lower Upper
106 100
91 199.0 161.3 241.9

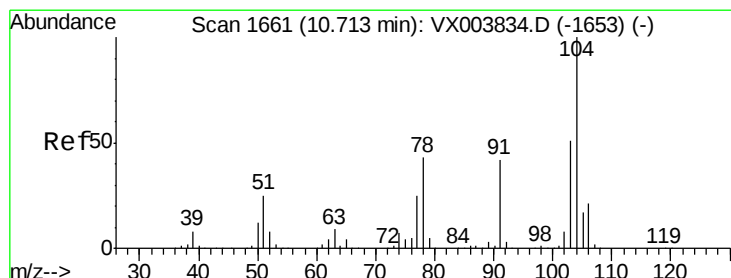
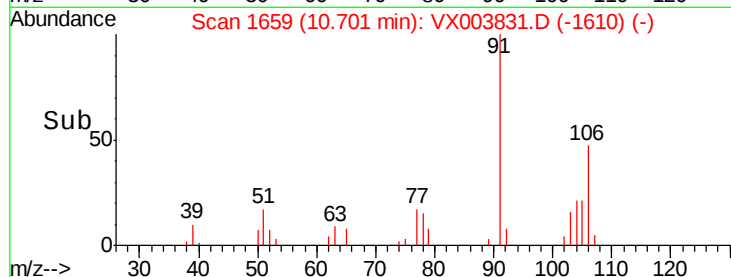
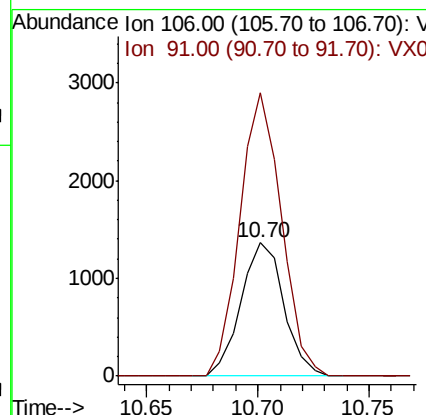
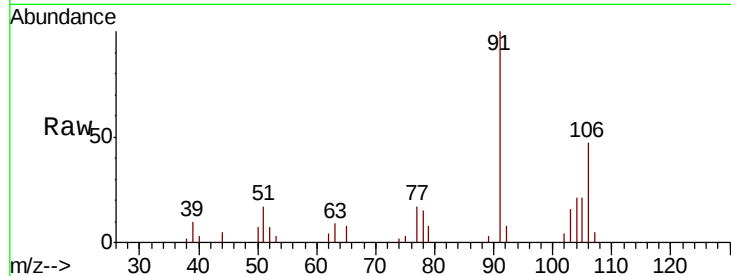




#69
o-Xylene
Concen: 0.860 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

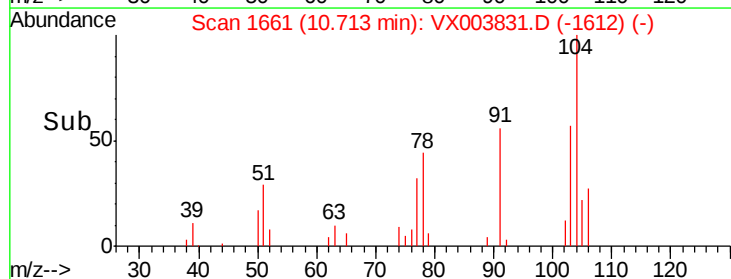
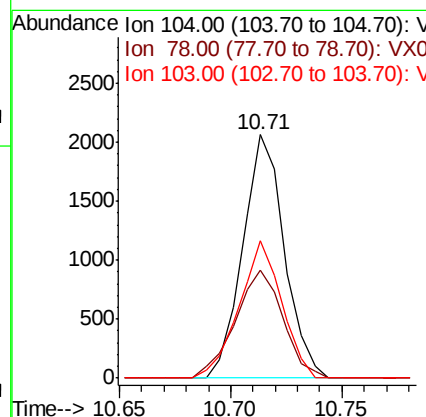
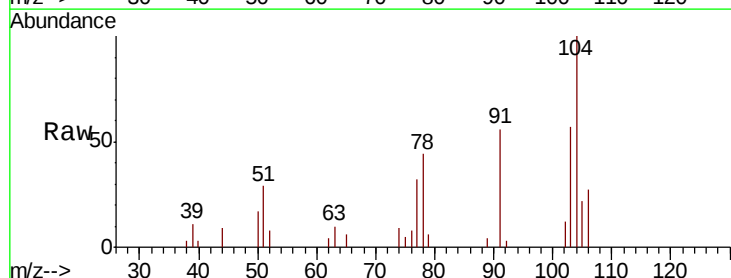
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

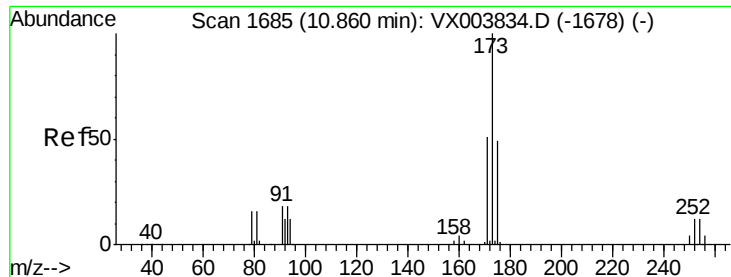
Tgt Ion:106 Resp: 1831
Ion Ratio Lower Upper
106 100
91 205.5 105.7 317.1



#70
Styrene
Concen: 0.749 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003831.D
Acq: 02 Aug 2018 18:55

Tgt Ion:104 Resp: 2683
Ion Ratio Lower Upper
104 100
78 50.6 37.8 56.8
103 57.7 44.2 66.4





#71

Bromoform

Concen: 0.934 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

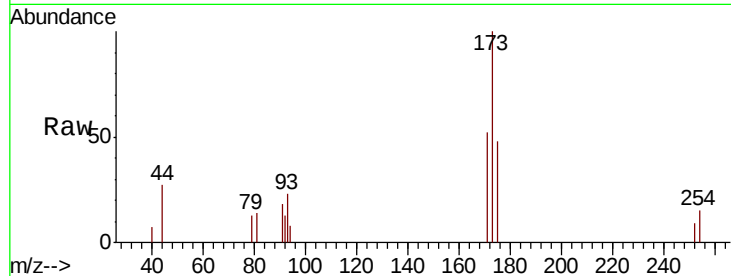
Tgt Ion:173 Resp: 900

Ion Ratio Lower Upper

173 100

175 46.0 24.4 73.2

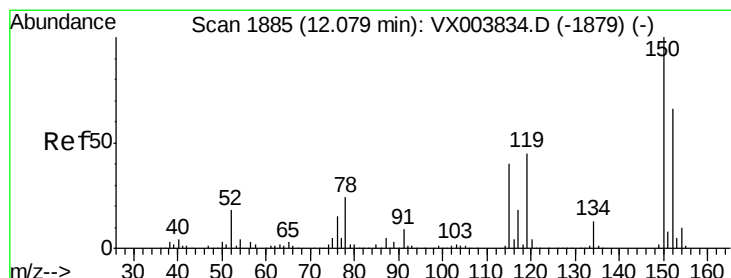
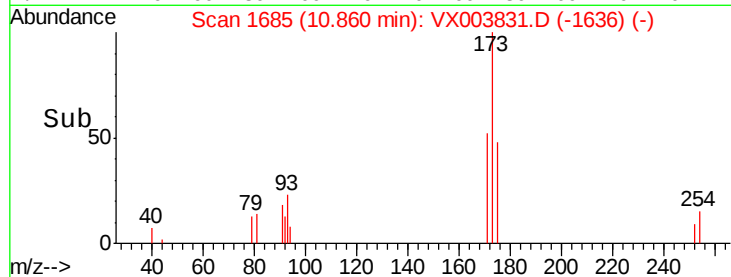
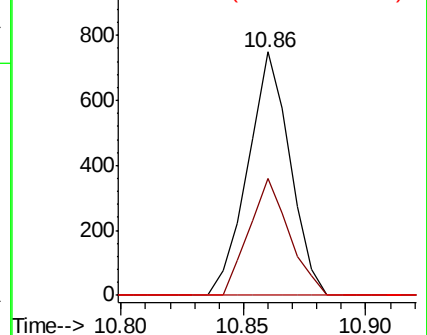
254 0.0 0.1 0.1#



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: VX003831.D

Acq: 02 Aug 2018 18:55

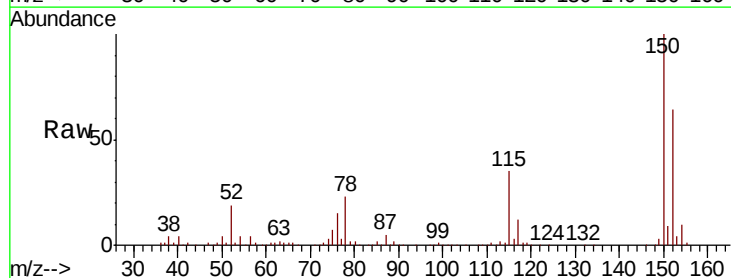
Tgt Ion:152 Resp: 75690

Ion Ratio Lower Upper

152 100

115 54.7 37.4 112.1

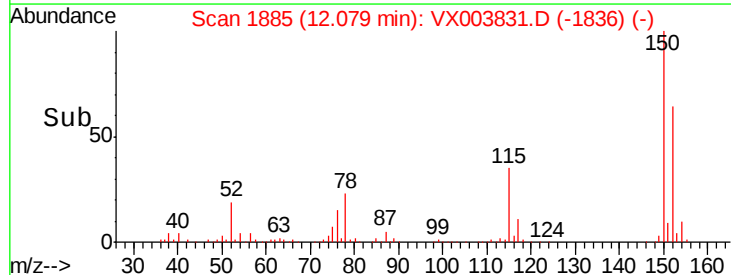
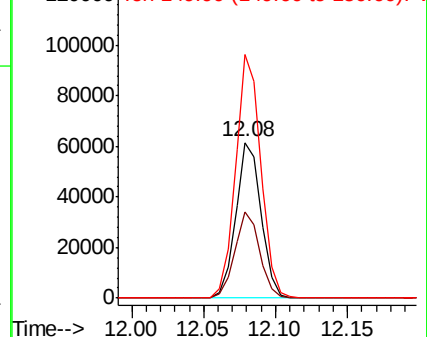
150 156.6 0.0 346.6

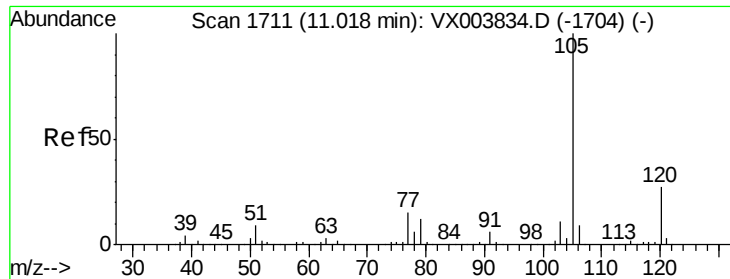


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.915 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

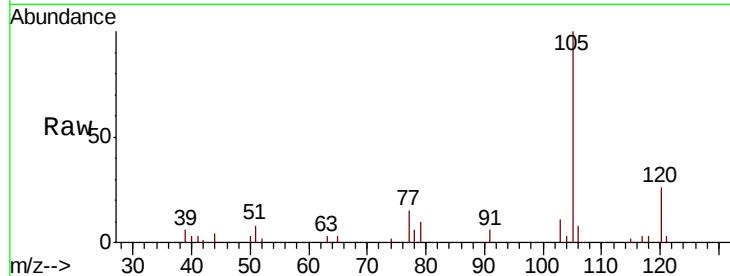
VSTDIC001

Tgt Ion: 105 Resp: 4640

Ion Ratio Lower Upper

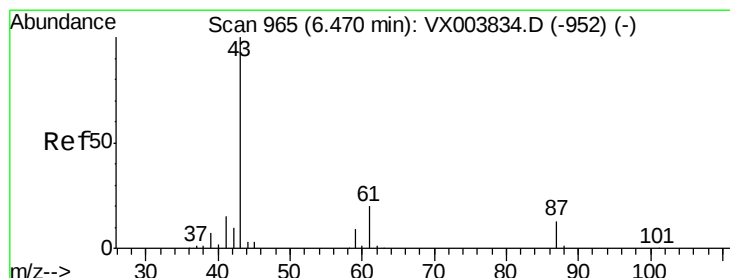
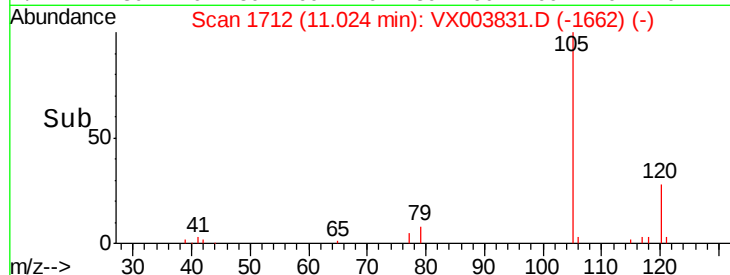
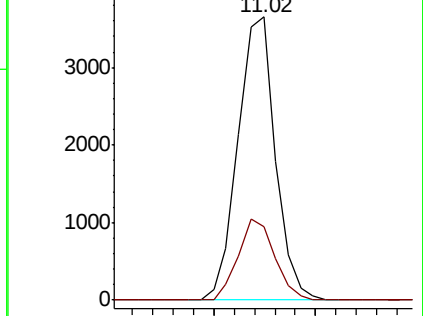
105 100

120 28.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.017 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Tgt Ion: 43 Resp: 2703

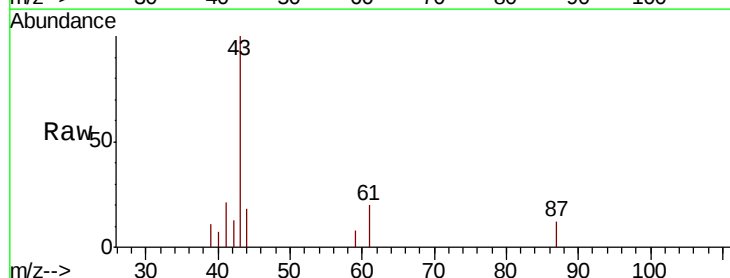
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.5 16.7 25.1

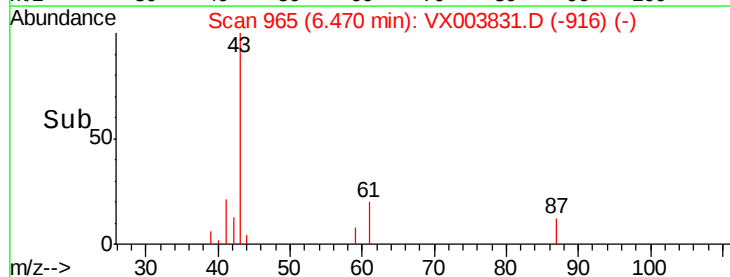
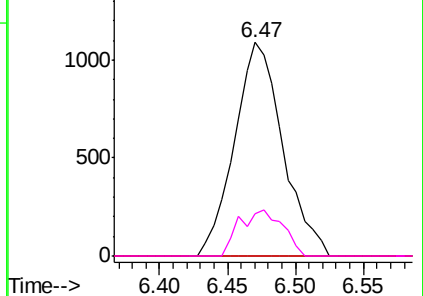


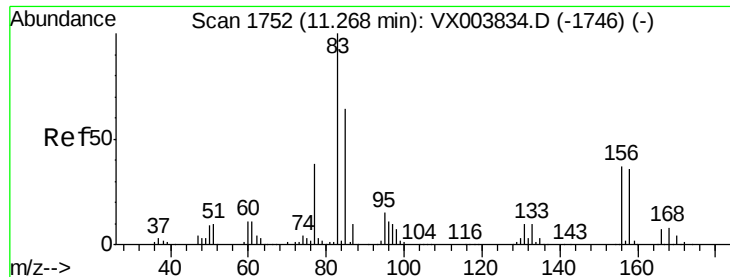
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.022 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

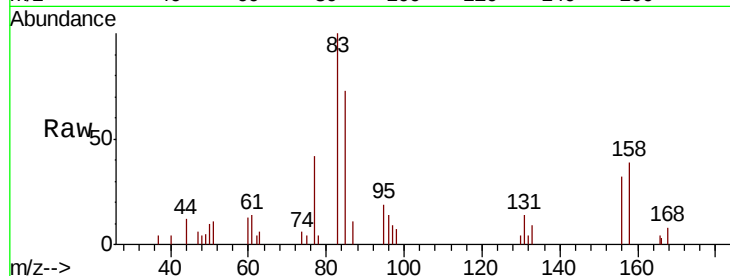
Tgt Ion: 83 Resp: 1940

Ion Ratio Lower Upper

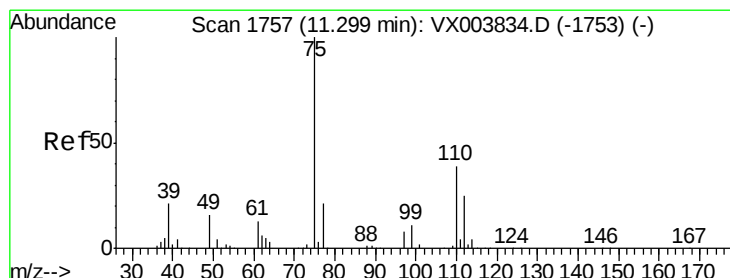
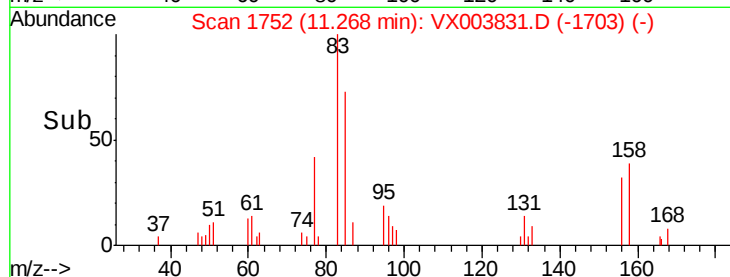
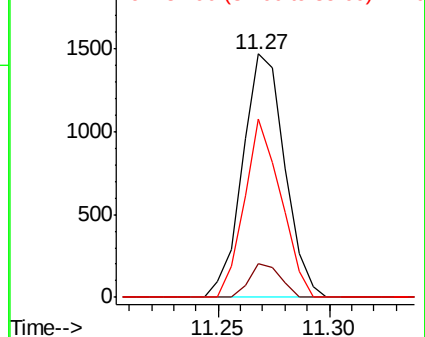
83 100

131 10.3 5.3 15.9

85 63.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.342 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003831.D

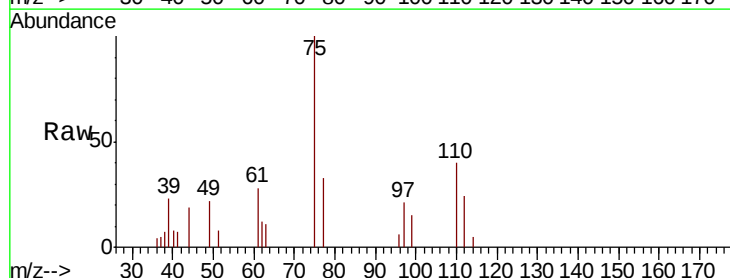
Acq: 02 Aug 2018 18:55

Tgt Ion: 75 Resp: 2127

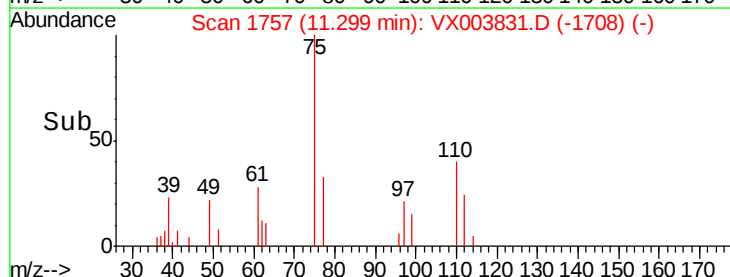
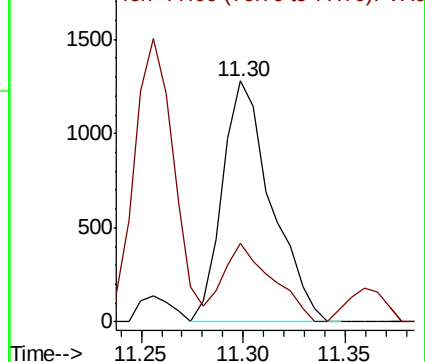
Ion Ratio Lower Upper

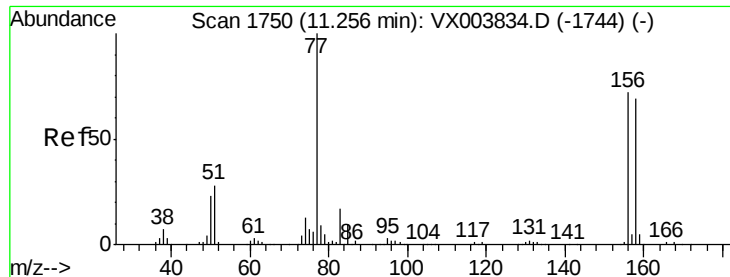
75 100

77 32.8 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.985 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

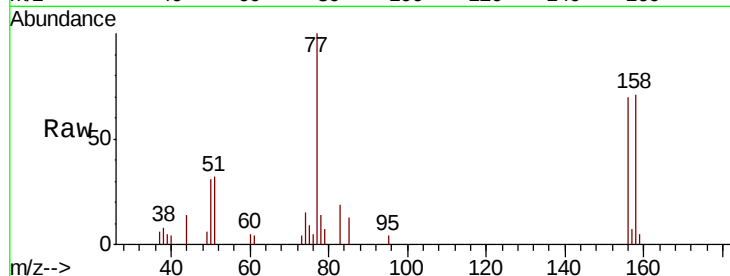
Tgt Ion:156 Resp: 1388

Ion Ratio Lower Upper

156 100

77 145.6 69.0 206.9

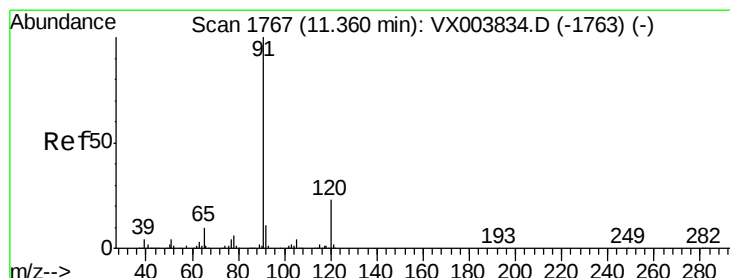
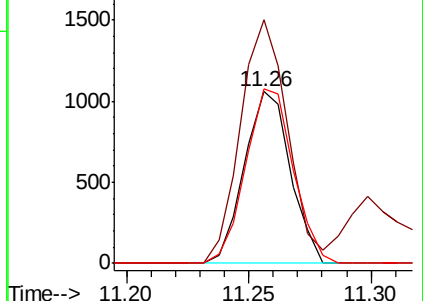
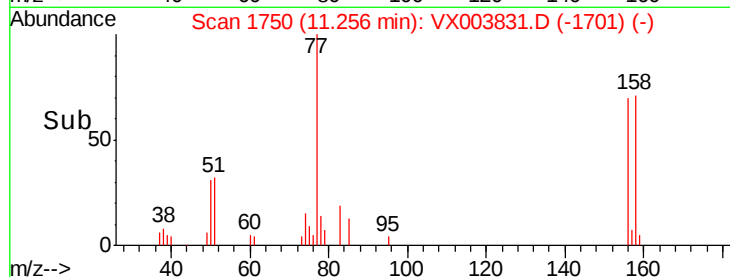
158 105.4 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.863 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003831.D

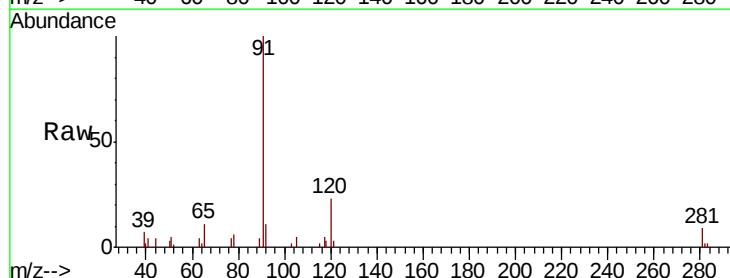
Acq: 02 Aug 2018 18:55

Tgt Ion: 91 Resp: 5032

Ion Ratio Lower Upper

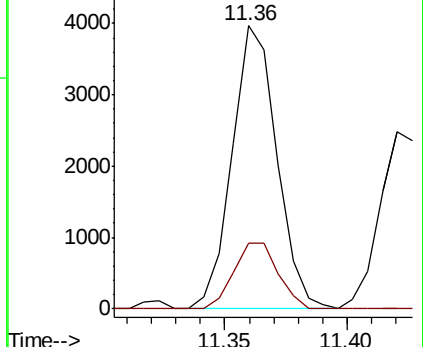
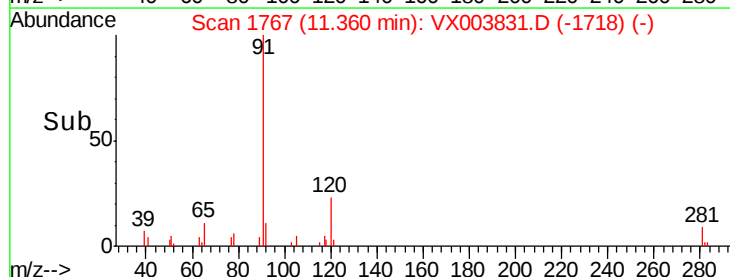
91 100

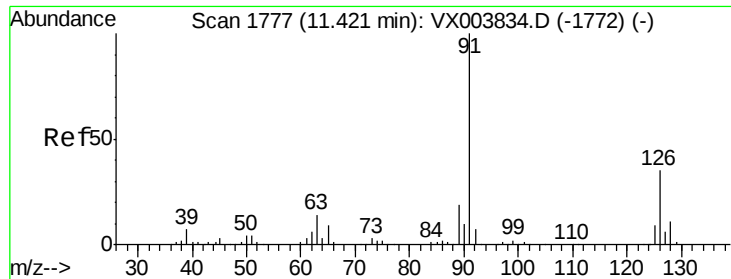
120 23.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

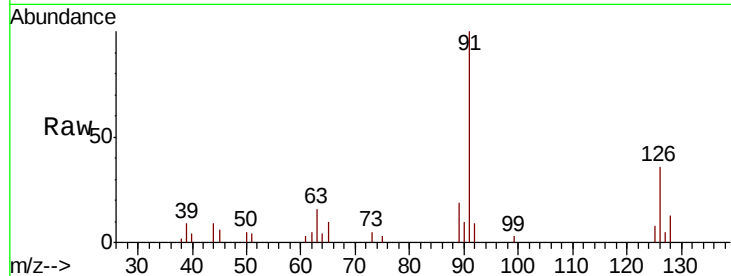




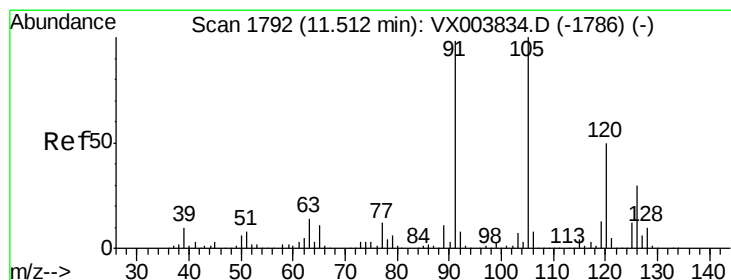
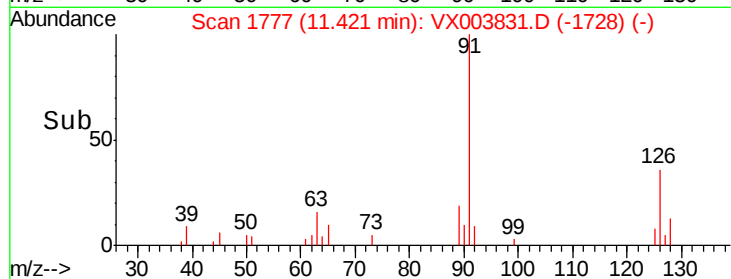
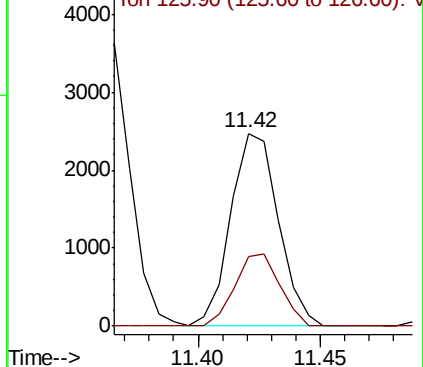
#79
 2-Chlorotoluene
 Concen: 0.934 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 91 Resp: 3348
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.9 53.7

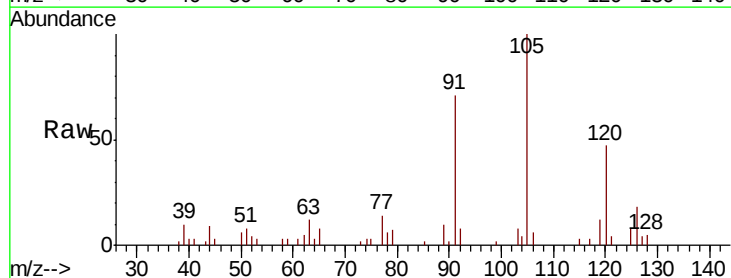


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

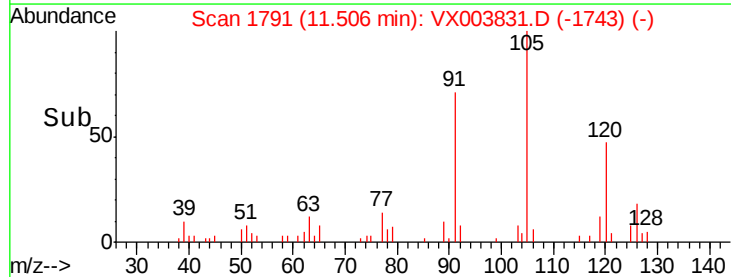
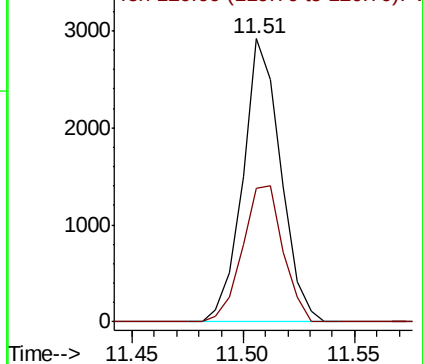


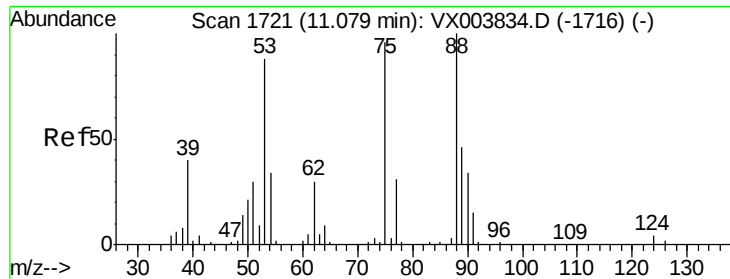
#80
 1,3,5-Trimethylbenzene
 Concen: 0.804 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion: 105 Resp: 3463
 Ion Ratio Lower Upper
 105 100
 120 51.5 24.8 74.4



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: 0.849 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

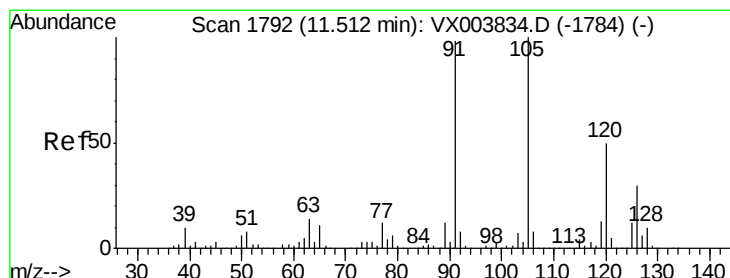
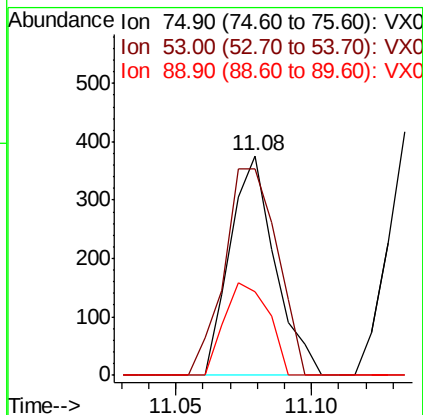
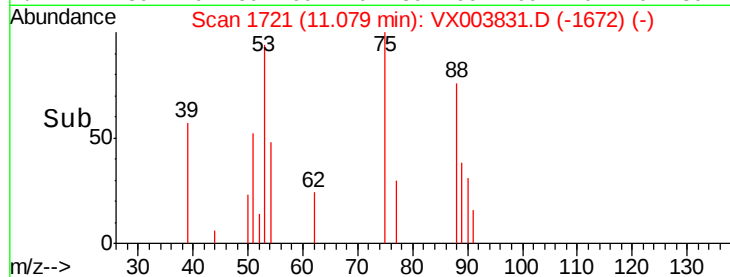
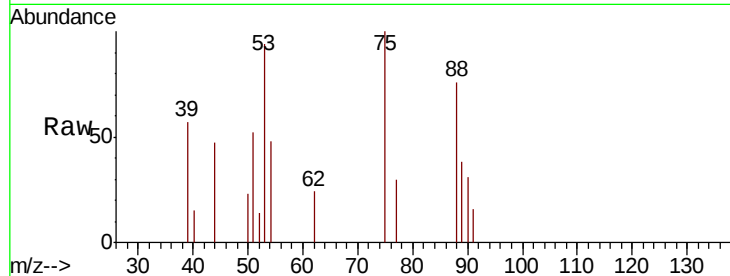
Tgt Ion: 75 Resp: 432

Ion Ratio Lower Upper

75 100

53 110.6 74.9 112.3

89 41.4 36.6 54.8



#82

4-Chlorotoluene

Concen: 0.861 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003831.D

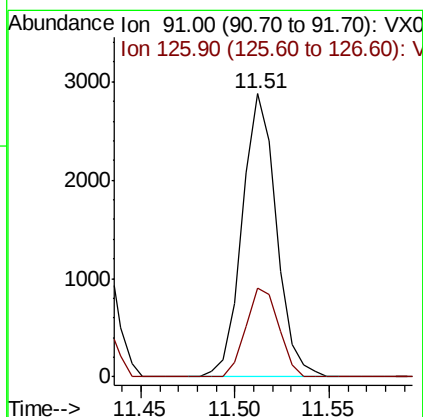
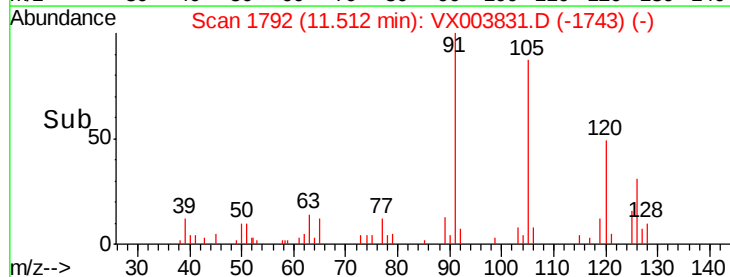
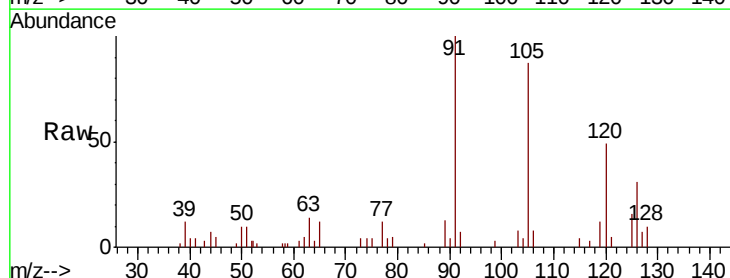
Acq: 02 Aug 2018 18:55

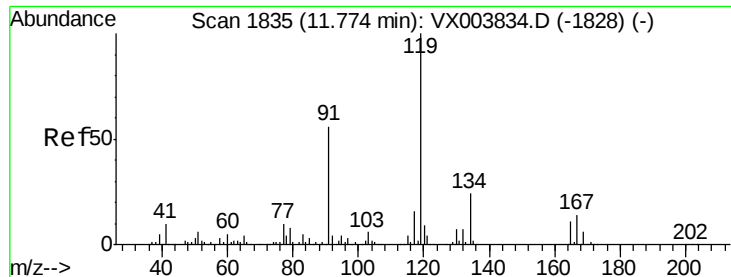
Tgt Ion: 91 Resp: 3635

Ion Ratio Lower Upper

91 100

126 30.0 16.0 47.9

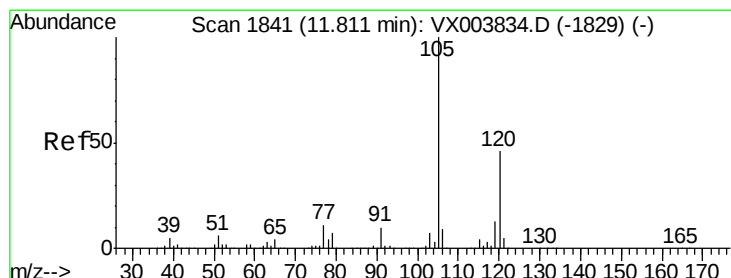
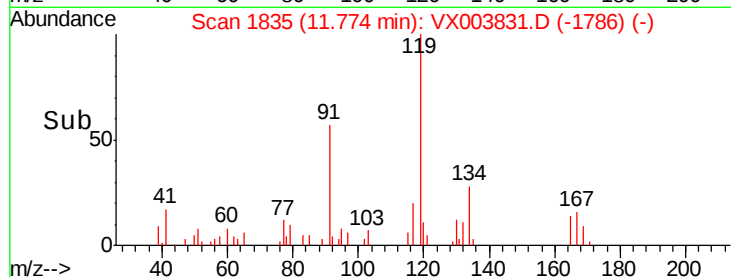
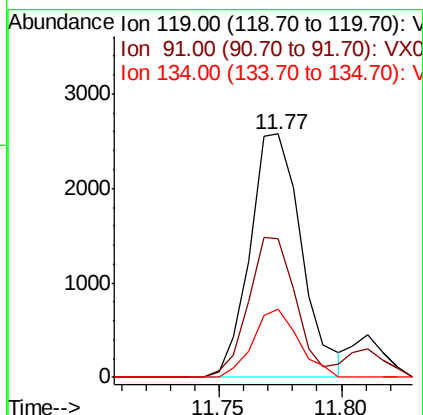
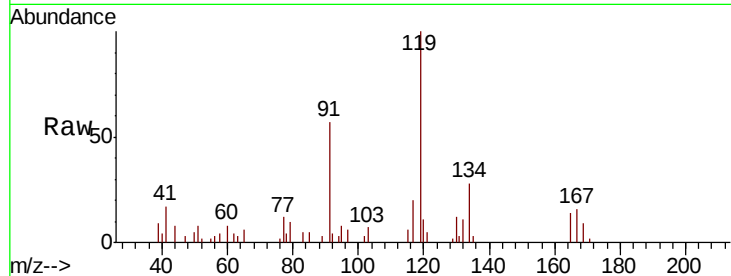




#83
 tert-Butylbenzene
 Concen: 0.896 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

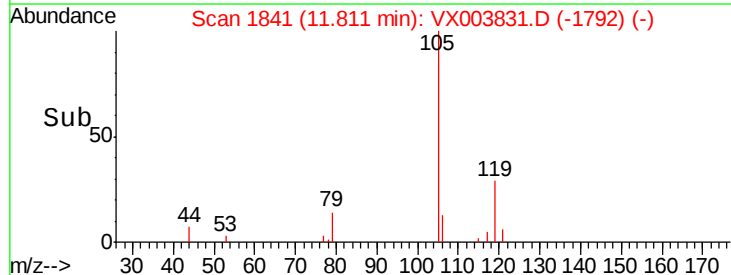
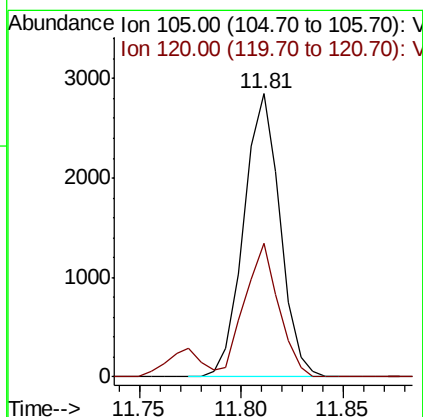
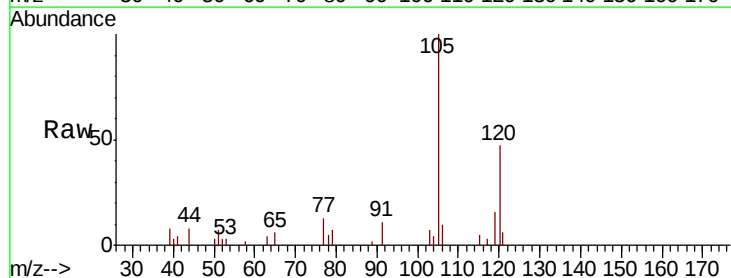
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

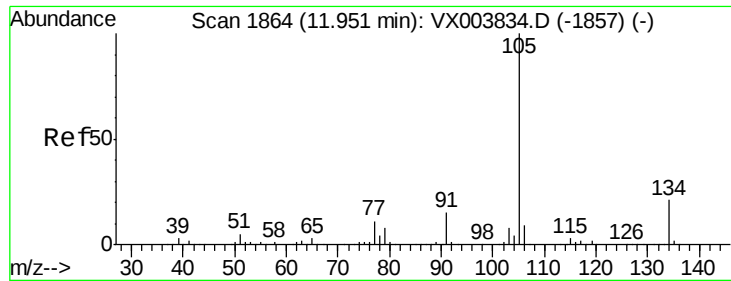
Tgt Ion:119 Resp: 3775
 Ion Ratio Lower Upper
 119 100
 91 52.5 26.6 79.7
 134 25.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 0.792 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion:105 Resp: 3520
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.9 68.5

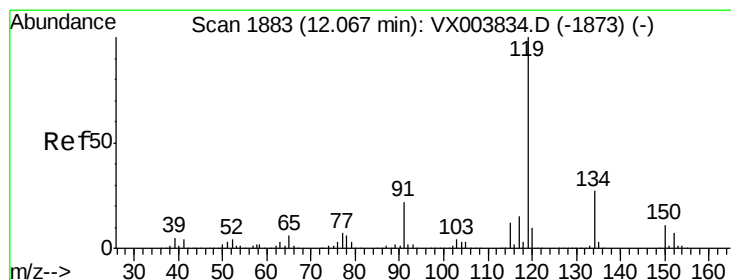
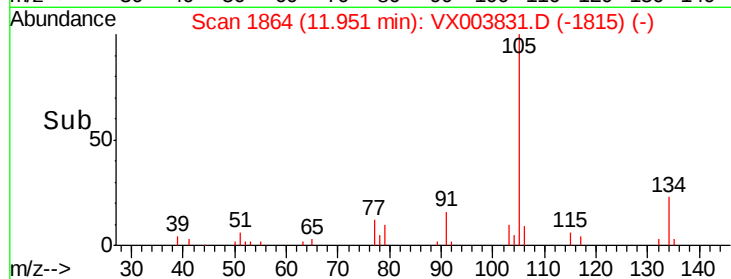
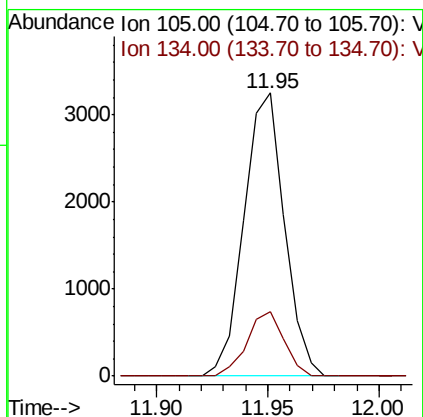
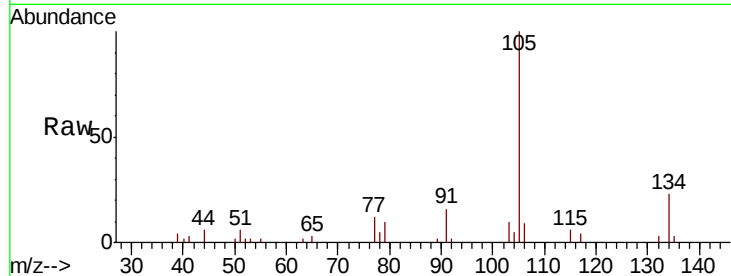




#85
 sec-Butylbenzene
 Concen: 0.831 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

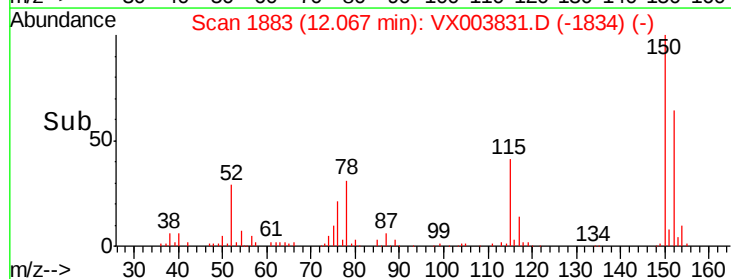
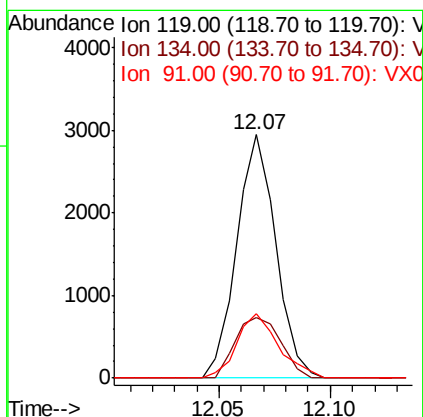
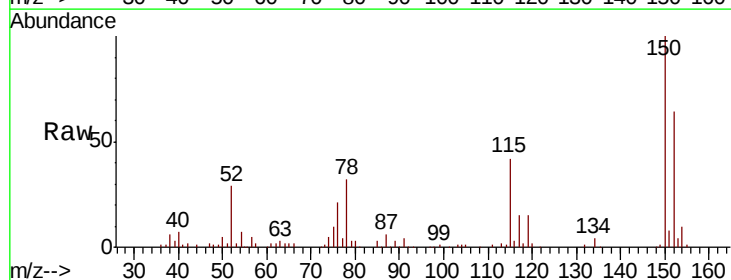
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

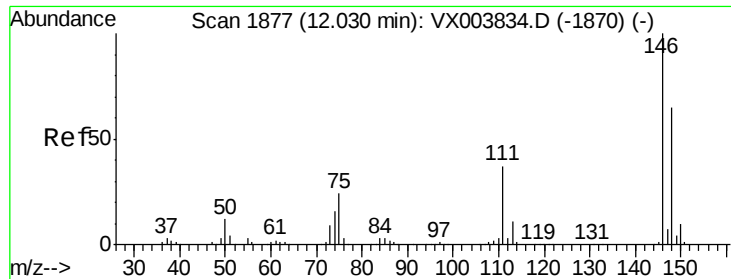
Tgt Ion:105 Resp: 4126
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 0.805 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion:119 Resp: 3607
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.4 40.2
 91 28.2 11.1 33.1

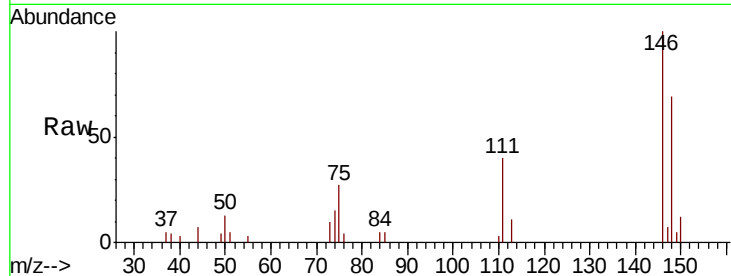




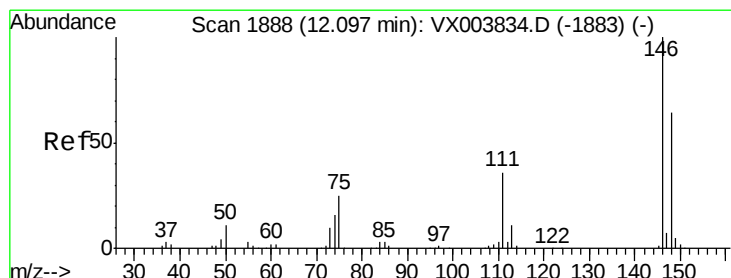
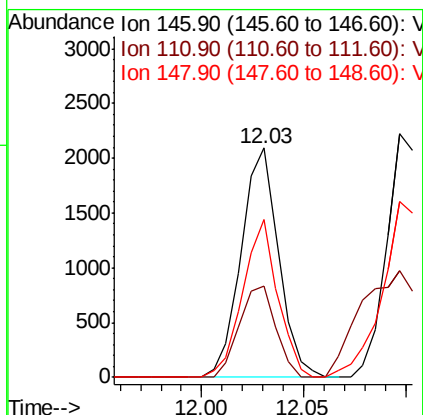
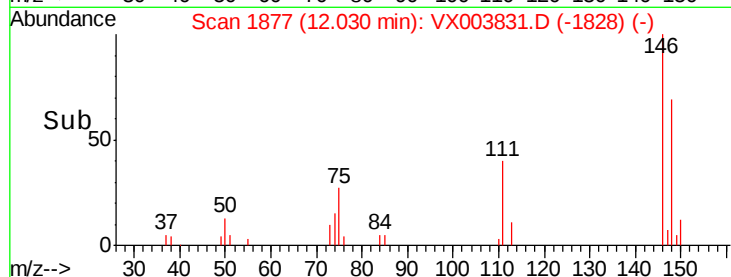
#87
 1,3-Dichlorobenzene
 Concen: 1.025 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:146 Resp: 2674
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.4
 148 64.3 32.2 96.6

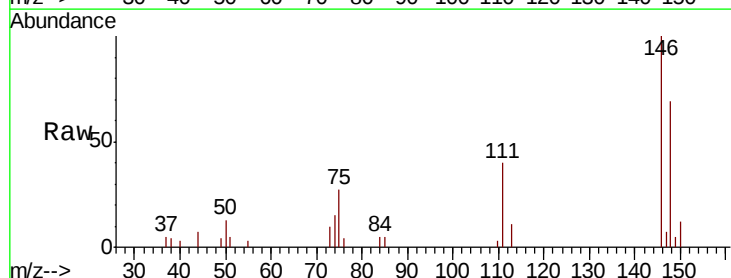


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

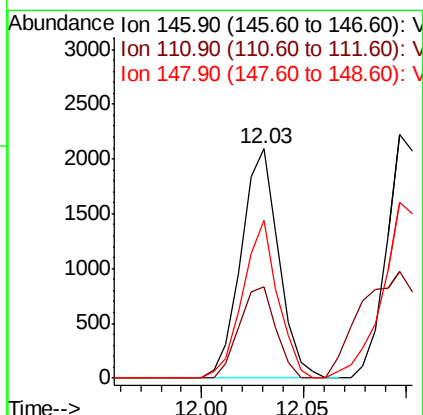
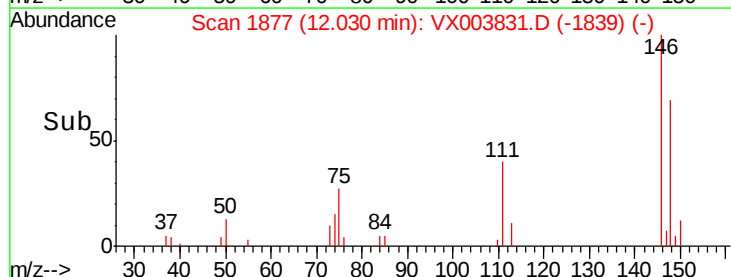


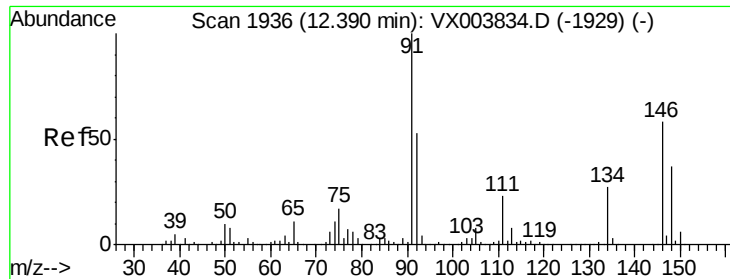
#88
 1,4-Dichlorobenzene
 Concen: 0.985 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion:146 Resp: 2674
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.1 54.3
 148 64.3 32.1 96.5



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





#89

n-Butylbenzene

Concen: 0.818 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

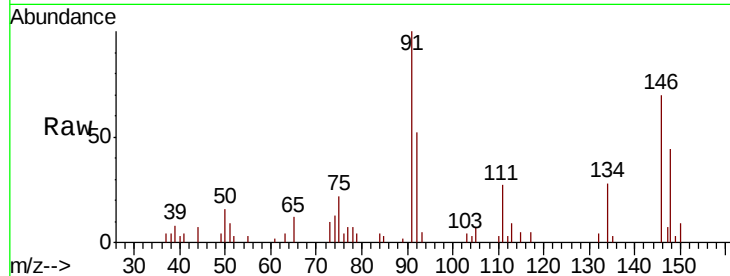
Tgt Ion: 91 Resp: 3279

Ion Ratio Lower Upper

91 100

92 50.6 26.3 78.9

134 26.3 13.7 41.0

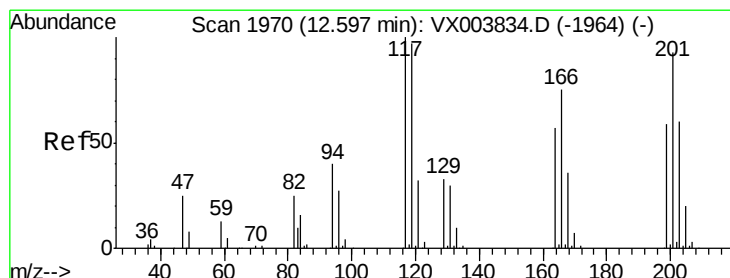
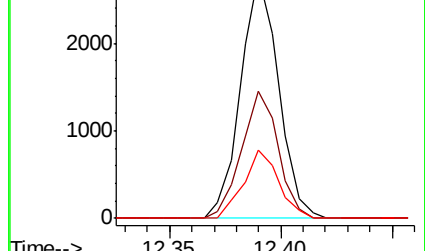
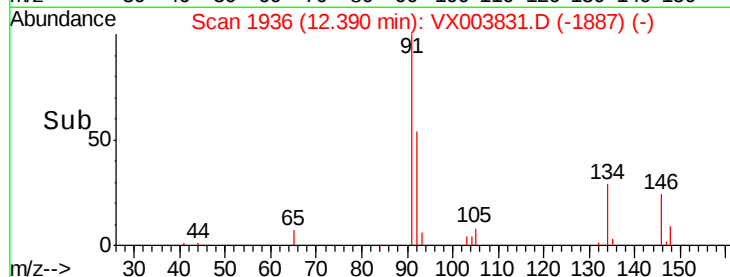


Abundance Ion 91.00 (90.70 to 91.70): VX003831.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003831.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003831.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 0.941 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003831.D

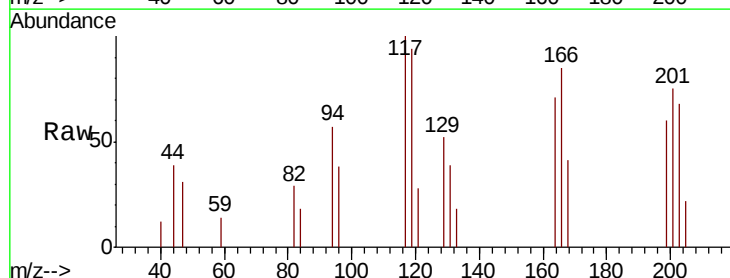
Acq: 02 Aug 2018 18:55

Tgt Ion: 117 Resp: 649

Ion Ratio Lower Upper

117 100

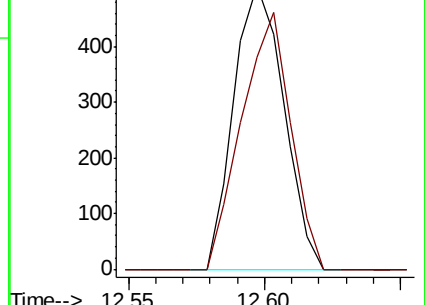
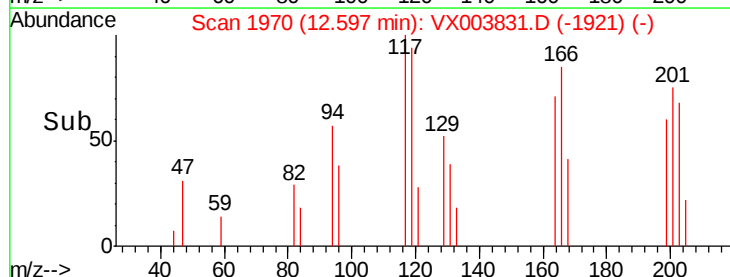
201 88.8 49.9 149.6

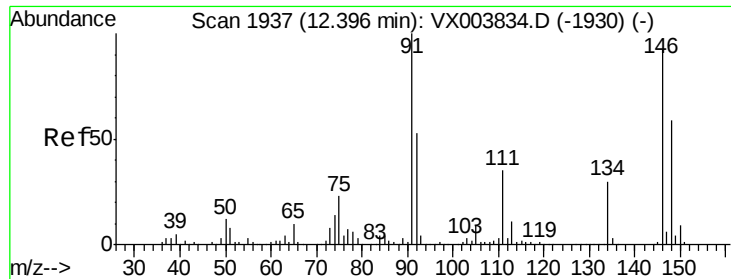


Abundance Ion 116.80 (116.50 to 117.50): VX003831.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003831.D (-1964) (-)

Time-->

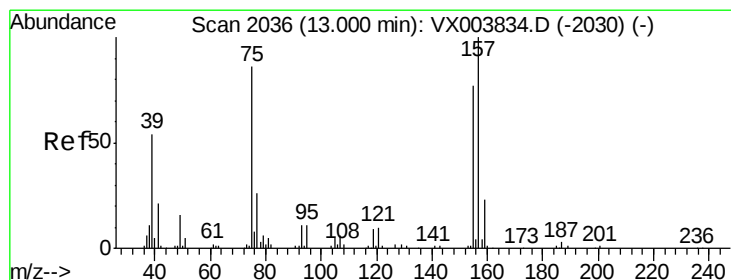
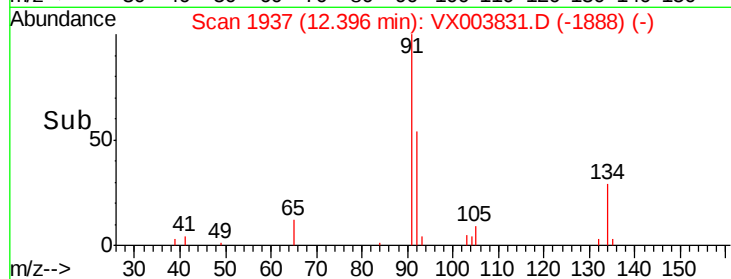
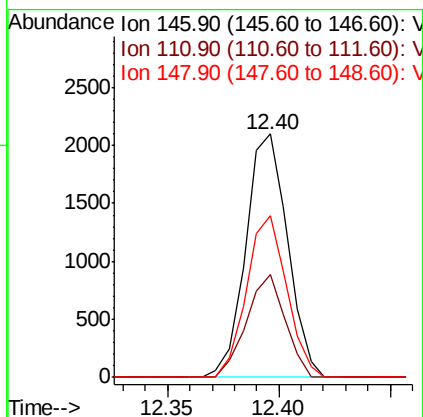
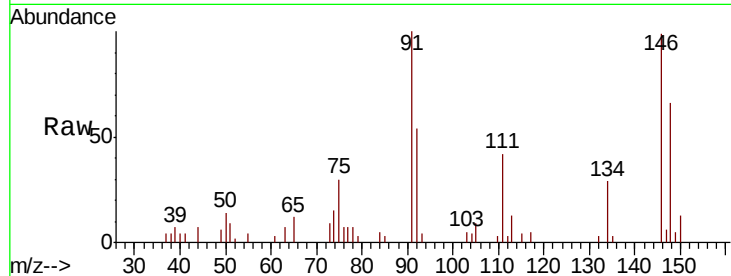




#91
 1,2-Dichlorobenzene
 Concen: 1.026 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

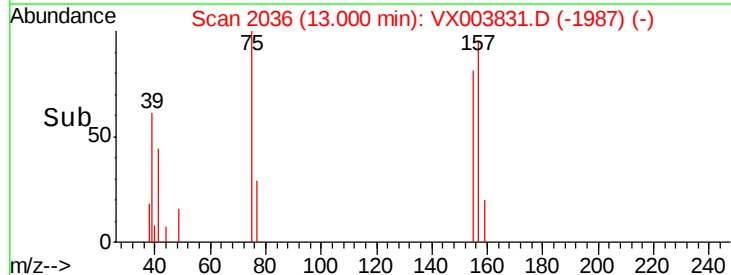
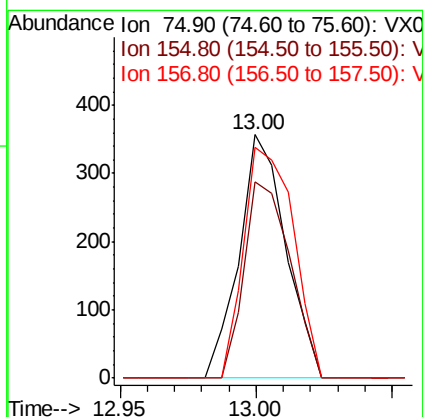
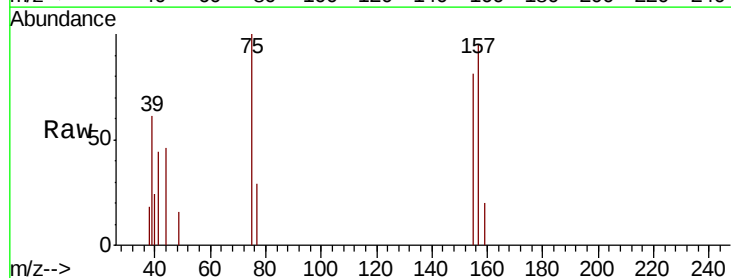
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

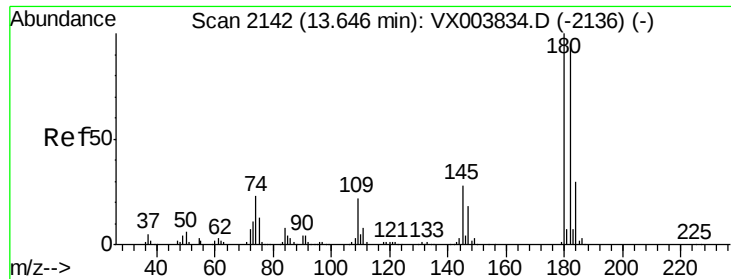
Tgt Ion: 146 Resp: 2742
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.5
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.064 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion: 75 Resp: 423
 Ion Ratio Lower Upper
 75 100
 155 79.7 49.5 148.3
 157 100.9 64.5 193.5

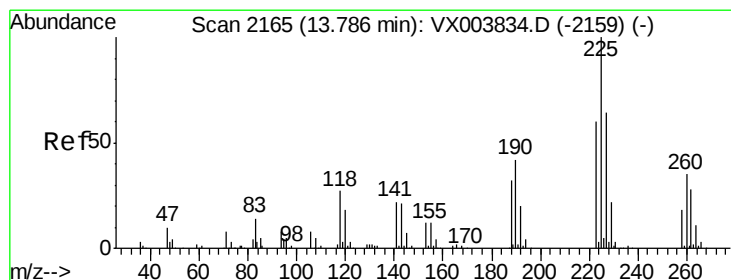
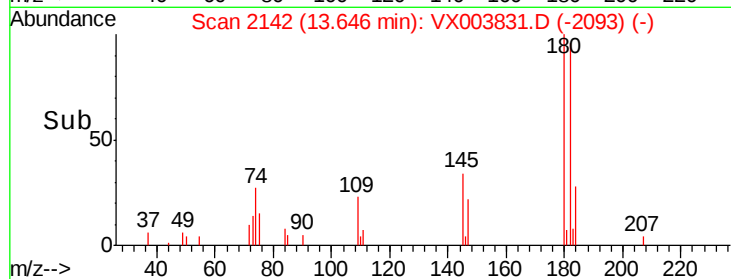
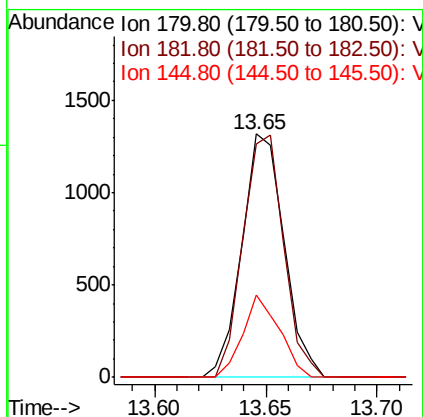
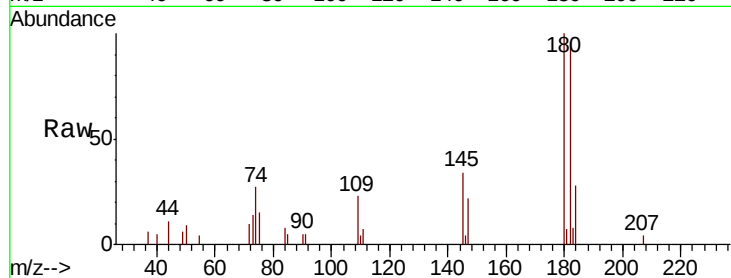




#93
 1,2,4-Trichlorobenzene
 Concen: 0.915 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

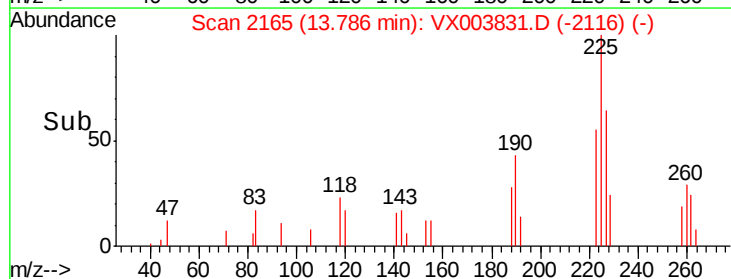
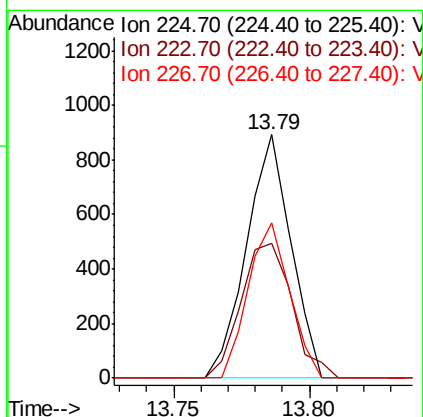
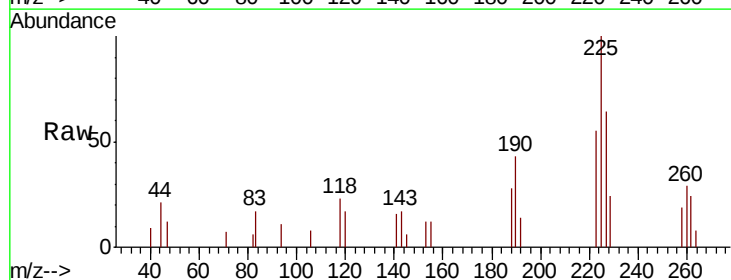
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

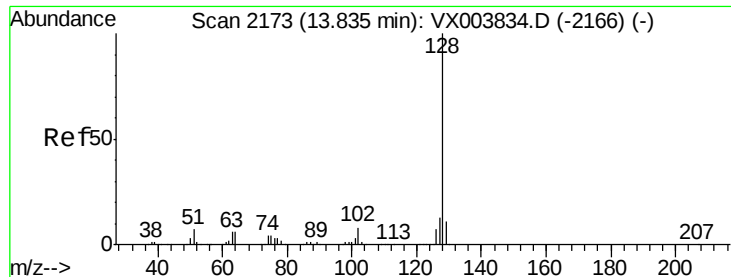
Tgt Ion:180 Resp: 1745
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 29.2 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 1.170 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003831.D
 Acq: 02 Aug 2018 18:55

Tgt Ion:225 Resp: 1007
 Ion Ratio Lower Upper
 225 100
 223 63.9 30.4 91.3
 227 59.4 32.2 96.6





#95

Naphthalene

Concen: 0.765 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

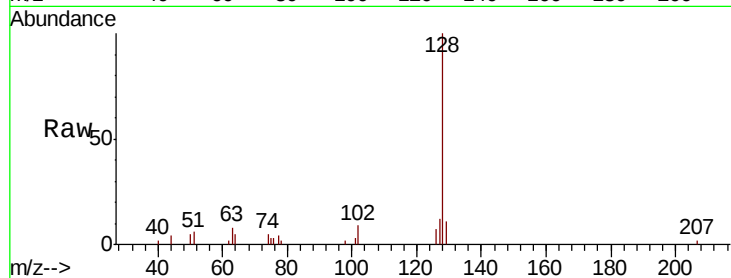
Tgt Ion:128 Resp: 4411

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

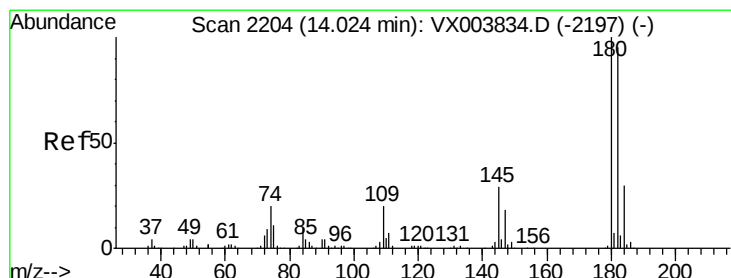
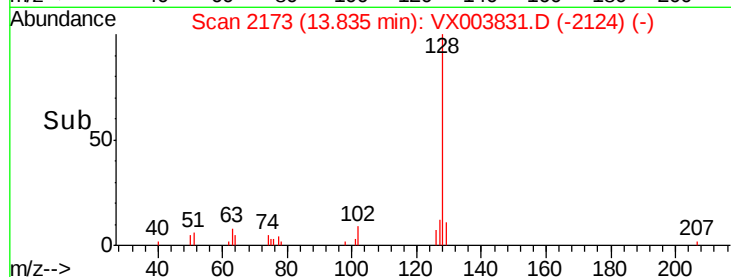
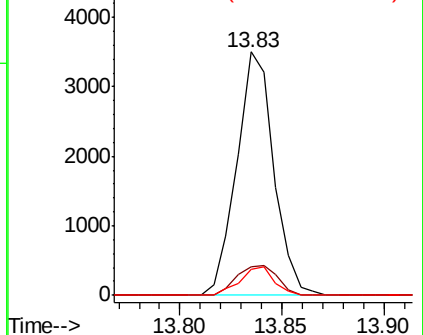
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.968 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003831.D

Acq: 02 Aug 2018 18:55

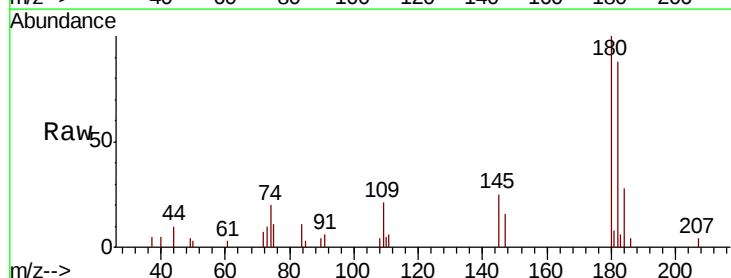
Tgt Ion:180 Resp: 1879

Ion Ratio Lower Upper

180 100

182 91.0 47.8 143.4

145 26.8 14.6 44.0



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

