

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008605.D
 Acq On : 03 Apr 2019 09:33
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 04 04:08:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	357350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	3032	0.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.92%	
35) Dibromofluoromethane	5.50	113	2073	0.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.82%	
50) Toluene-d8	8.71	98	7791	0.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.72%	
62) 4-Bromofluorobenzene	11.13	95	2944	0.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	3356	1.341	ug/l	98
3) Chloromethane	1.32	50	4965	1.436	ug/l	95
4) Vinyl Chloride	1.40	62	4606	1.361	ug/l	99
5) Bromomethane	1.64	94	2052	1.137	ug/l #	78
6) Chloroethane	1.72	64	3311	1.393	ug/l	96
7) Trichlorofluoromethane	1.93	101	5262	1.407	ug/l	98
8) Diethyl Ether	2.19	74	2649	1.493	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3135	1.302	ug/l	98
10) Methyl Iodide	2.51	142	1841	0.927	ug/l #	96
11) Tert butyl alcohol	3.04	59	5129	6.907	ug/l #	94
12) 1,1-Dichloroethene	2.37	96	3296	1.311	ug/l	94
13) Acrolein	2.29	56	2018	5.481	ug/l	92
14) Allyl chloride	2.73	41	7384	1.283	ug/l	91
15) Acrylonitrile	3.14	53	12959	6.587	ug/l	98
16) Acetone	2.44	43	12335	6.752	ug/l	99
17) Carbon Disulfide	2.57	76	10461	1.295	ug/l #	94
18) Methyl Acetate	2.77	43	5460	1.232	ug/l	92
19) Methyl tert-butyl Ether	3.19	73	11824	1.317	ug/l	100
20) Methylene Chloride	2.85	84	4511	1.475	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3625	1.333	ug/l	87
22) Diisopropyl ether	3.85	45	14204	1.280	ug/l #	80
23) Vinyl Acetate	3.81	43	59581	6.174	ug/l	100
24) 1,1-Dichloroethane	3.70	63	7454	1.357	ug/l #	95
25) 2-Butanone	4.67	43	18080	6.261	ug/l	98
26) 2,2-Dichloropropane	4.58	77	5158	1.333	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	4073	1.303	ug/l	95
28) Bromochloromethane	5.01	49	3823	1.467	ug/l #	96
29) Tetrahydrofuran	5.12	42	12232	6.382	ug/l	96
30) Chloroform	5.21	83	6623	1.350	ug/l	95
31) Cyclohexane	5.57	56	7178	1.310	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	5304	1.338	ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4902	1.255	ug/l	92
37) Ethyl Acetate	4.83	43	6140	1.178	ug/l #	85
38) Carbon Tetrachloride	5.78	117	4220	1.305	ug/l #	84

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	6801	1.409	ug/l	98
40) Benzene	6.13	78	15586	1.339	ug/l	97
41) Methacrylonitrile	5.04	41	4103	1.369	ug/l	97
42) 1,2-Dichloroethane	6.19	62	5816	1.394	ug/l	97
43) Isopropyl Acetate	6.45	43	10579	1.295	ug/l	98
44) Trichloroethene	7.21	130	3777	1.394	ug/l	92
45) 1,2-Dichloropropane	7.51	63	4686	1.411	ug/l #	87
46) Dibromomethane	7.66	93	2552	1.325	ug/l	98
47) Bromodichloromethane	7.89	83	4621	1.272	ug/l #	93
48) Methyl methacrylate	7.77	41	4689	1.135	ug/l	89
49) 1,4-Dioxane	7.74	88	2277	29.420	ug/l #	90
51) 4-Methyl-2-Pentanone	8.64	43	32582	6.197	ug/l	98
52) Toluene	8.78	92	9251	1.348	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	4830	1.187	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	5424	1.167	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	3721	1.351	ug/l	93
56) Ethyl methacrylate	9.18	69	5993	1.203	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	7100	1.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	9067	3.564	ug/l	97
59) 2-Hexanone	9.49	43	25364	6.207	ug/l	99
60) Dibromochloromethane	9.58	129	3065	1.181	ug/l	98
61) 1,2-Dibromoethane	9.67	107	3817	1.331	ug/l	96
64) Tetrachloroethene	9.33	164	3199	1.370	ug/l	98
65) Chlorobenzene	10.13	112	9221	1.319	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	2937	1.198	ug/l #	59
67) Ethyl Benzene	10.25	91	17311	1.328	ug/l	99
68) m/p-Xylenes	10.36	106	12274	2.620	ug/l	99
69) o-Xylene	10.69	106	5909	1.301	ug/l	96
70) Styrene	10.71	104	9661	1.234	ug/l	99
71) Bromoform	10.86	173	2120	1.132	ug/l #	99
73) Isopropylbenzene	11.02	105	15722	1.340	ug/l	99
74) N-amyl acetate	10.90	43	8287	1.201	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	6276	1.406	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	6571	1.570	ug/l	81
77) Bromobenzene	11.26	156	3788	1.343	ug/l	98
78) n-propylbenzene	11.35	91	17661	1.293	ug/l	100
79) 2-Chlorotoluene	11.42	91	10568	1.278	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	12690	1.288	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1404	0.995	ug/l #	67
82) 4-Chlorotoluene	11.51	91	11990	1.253	ug/l	100
83) tert-Butylbenzene	11.77	119	12458	1.315	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	12803	1.284	ug/l	98
85) sec-Butylbenzene	11.94	105	14342	1.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	12763	1.263	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	6930	1.372	ug/l	96
88) 1,4-Dichlorobenzene	12.02	146	6930	1.355	ug/l	95
89) n-Butylbenzene	12.38	91	11200	1.182	ug/l	98
90) Hexachloroethane	12.59	117	1980	1.182	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	6687	1.334	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1227	1.250	ug/l	93

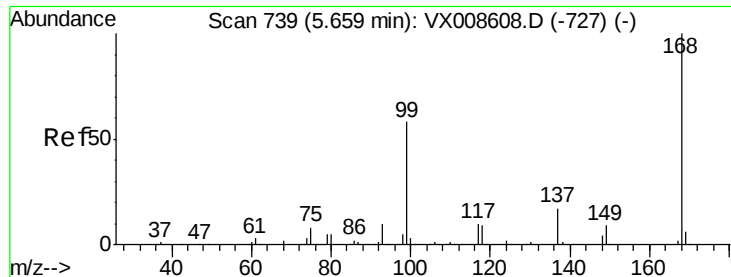
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:04:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	4239	1.216	ug/l	96
94) Hexachlorobutadiene	13.78	225	2343	1.402	ug/l	96
95) Naphthalene	13.83	128	12866	1.104	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	4585	1.316	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

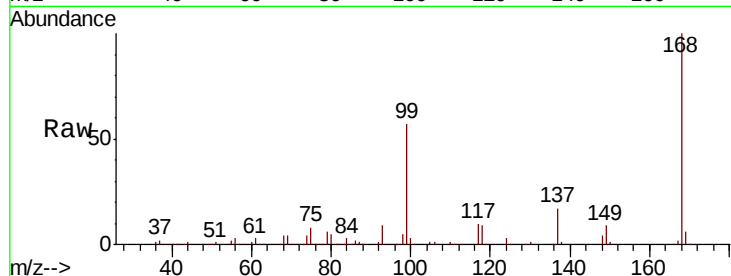
VSTDIC001

Tot Ion:168 Resp: 217468

Ion Ratio Lower Upper

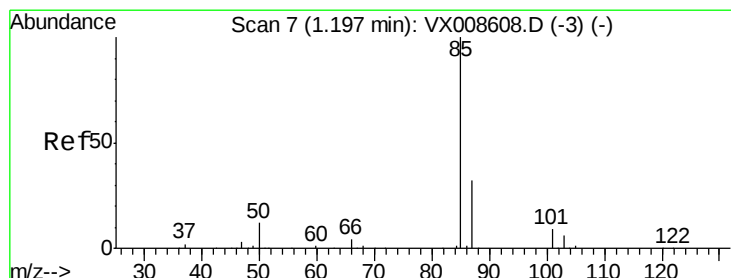
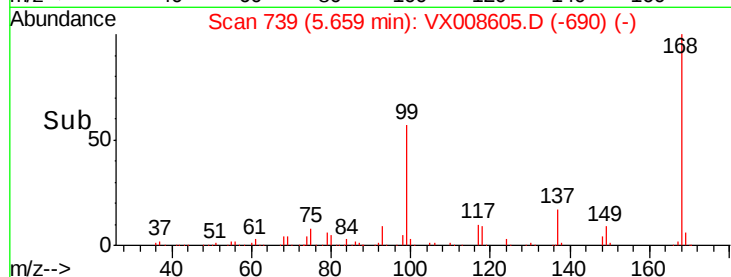
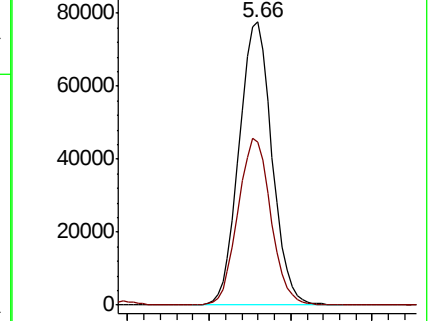
168 100

99 57.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.341 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008605.D

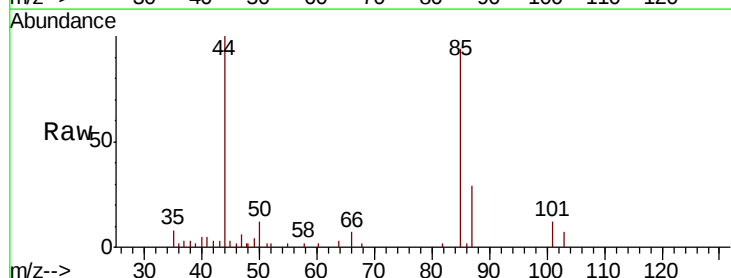
Acq: 03 Apr 2019 09:33

Tgt Ion: 85 Resp: 3356

Ion Ratio Lower Upper

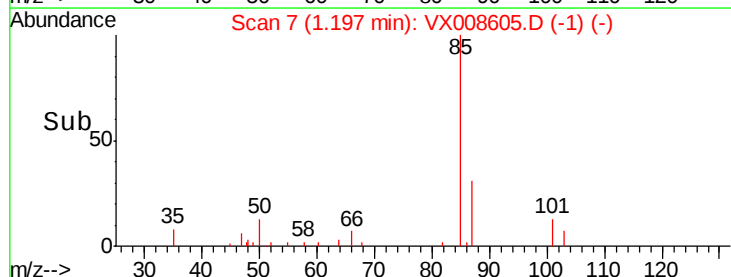
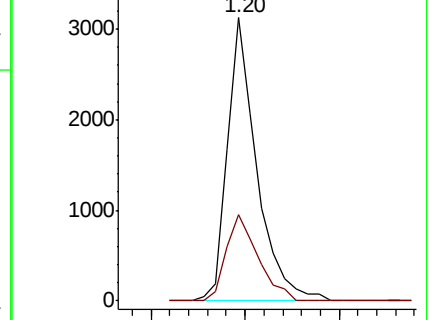
85 100

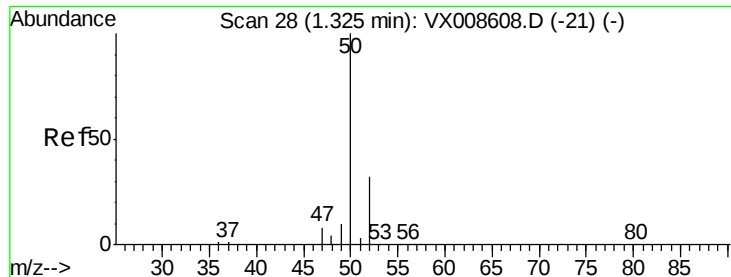
87 30.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.436 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

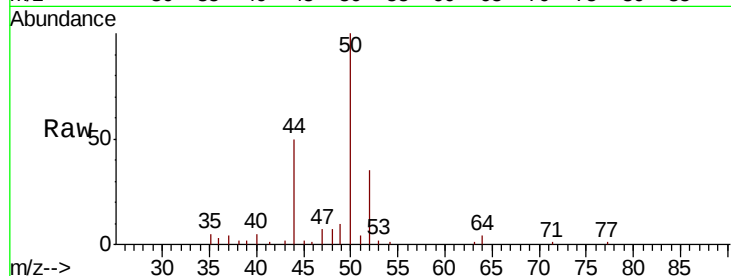
VSTDIC001

Tot Ion: 50 Resp: 4965

Ion Ratio Lower Upper

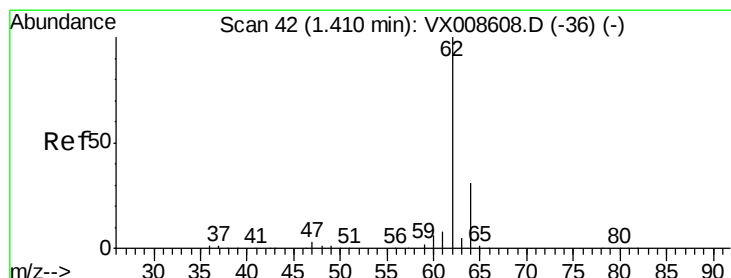
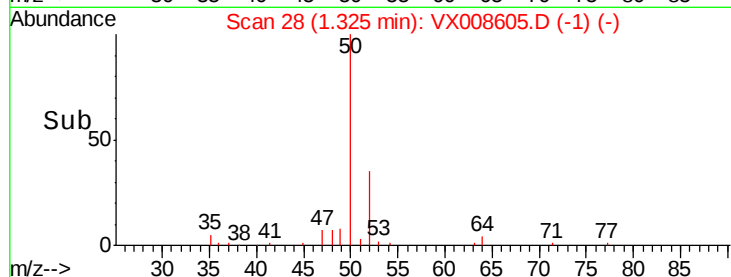
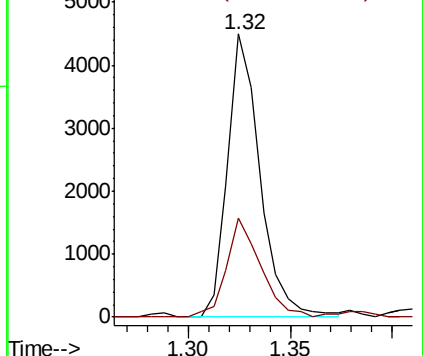
50 100

52 35.1 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: 1.361 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008605.D

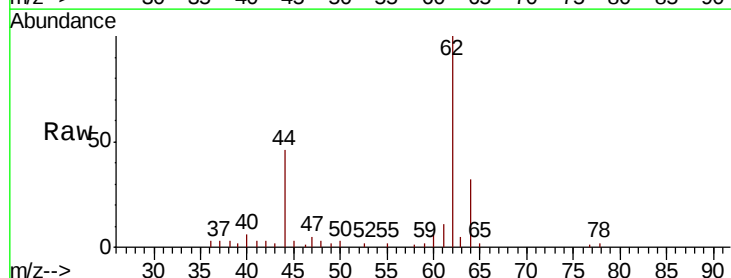
Acq: 03 Apr 2019 09:33

Tgt Ion: 62 Resp: 4606

Ion Ratio Lower Upper

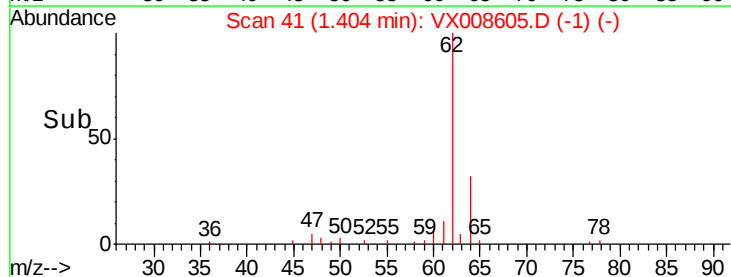
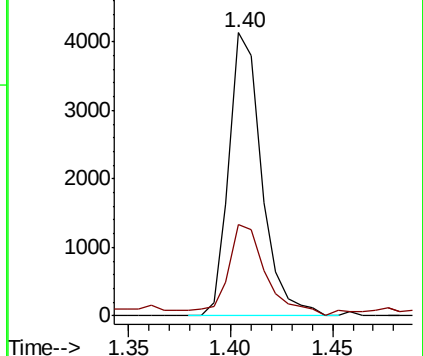
62 100

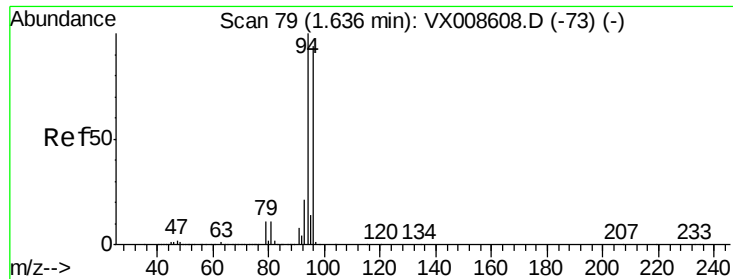
64 30.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.137 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

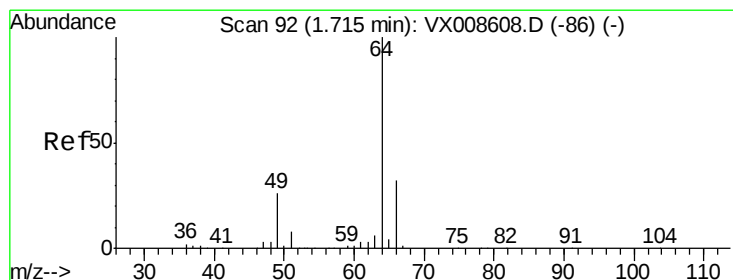
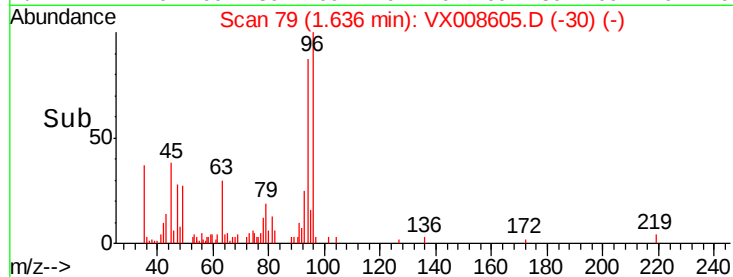
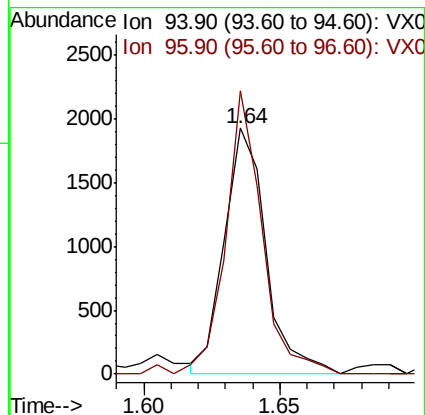
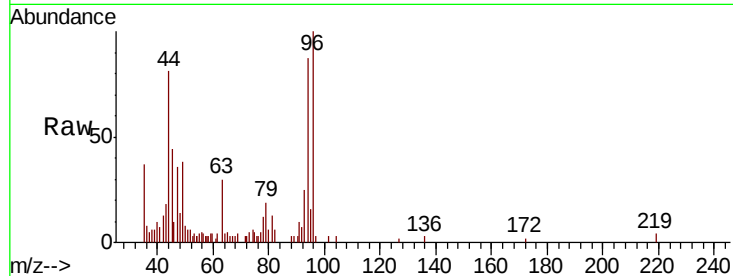
VSTDIC001

Tot Ion: 94 Resp: 2052

Ion Ratio Lower Upper

94 100

96 115.0 75.2 112.8#



#6

Chloroethane

Concen: 1.393 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008605.D

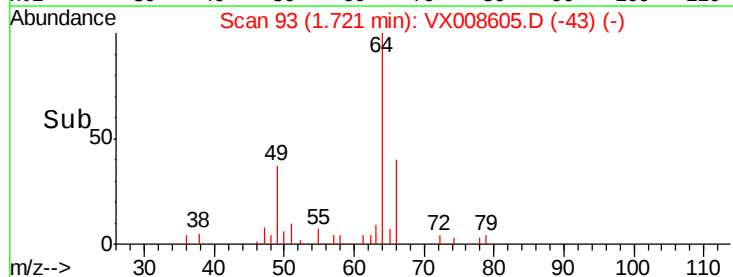
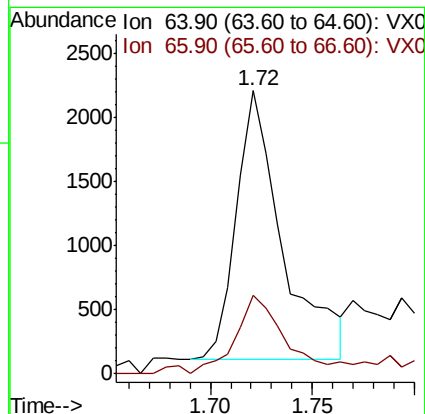
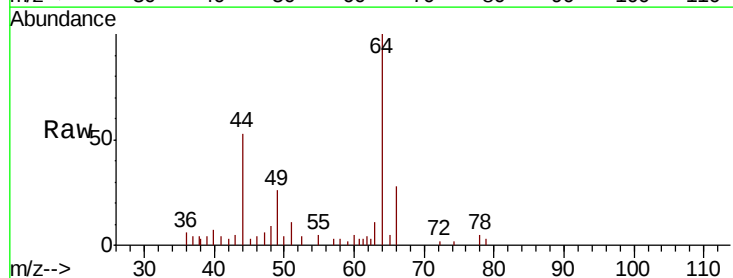
Acq: 03 Apr 2019 09:33

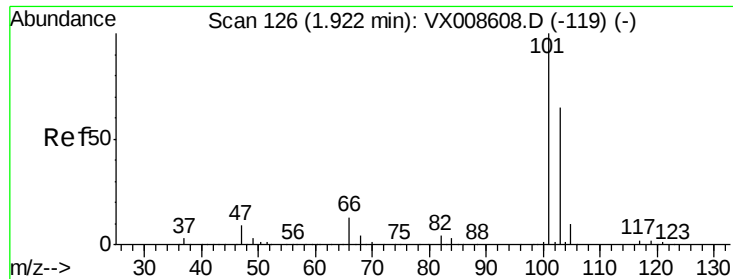
Tgt Ion: 64 Resp: 3311

Ion Ratio Lower Upper

64 100

66 29.3 25.4 38.0





#7

Trichlorofluoromethane

Concen: 1.407 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

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ClientSampleId :

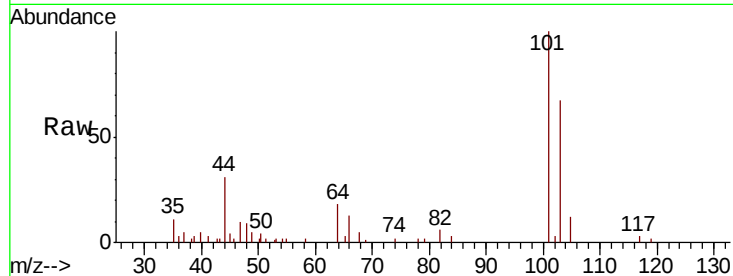
VSTDIC001

Tot Ion:101 Resp: 5262

Ion Ratio Lower Upper

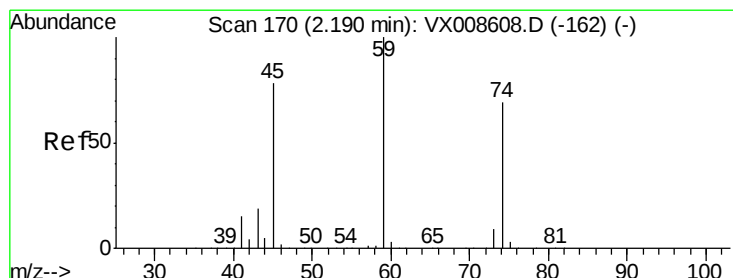
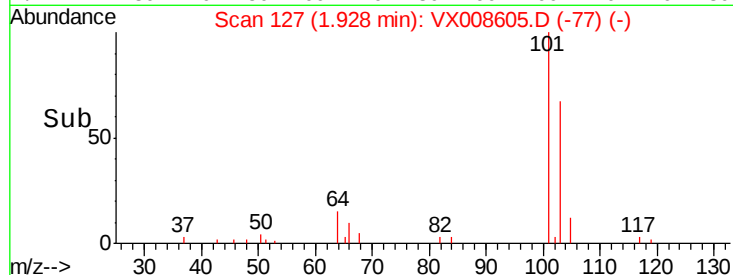
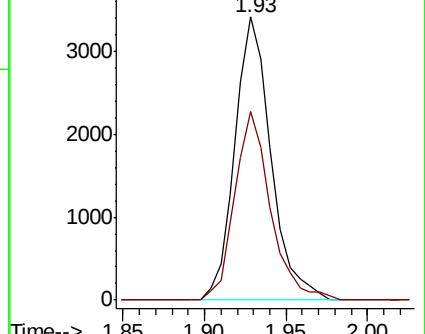
101 100

103 66.7 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.493 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX008605.D

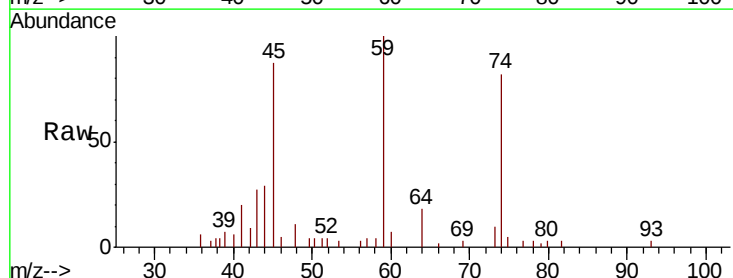
Acq: 03 Apr 2019 09:33

Tgt Ion: 74 Resp: 2649

Ion Ratio Lower Upper

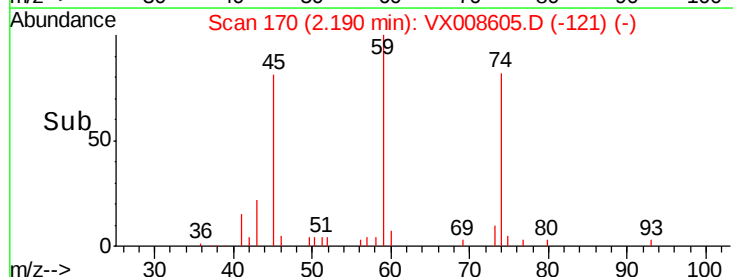
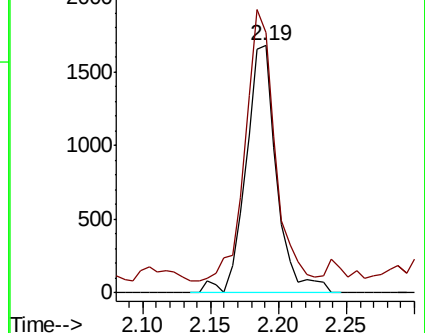
74 100

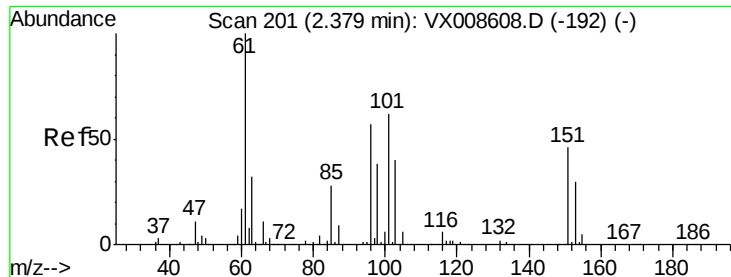
45 104.7 56.5 169.5



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: 1.302 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

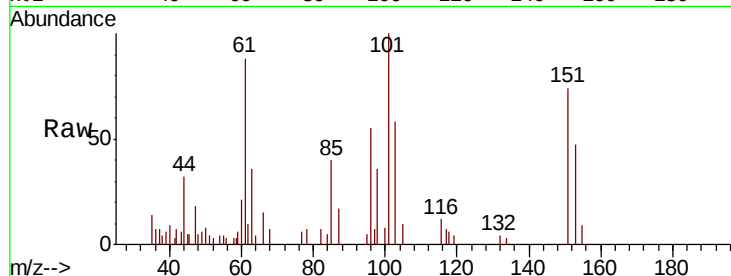
Tot Ion:101 Resp: 3135

Ion Ratio Lower Upper

101 100

85 48.0 36.0 54.0

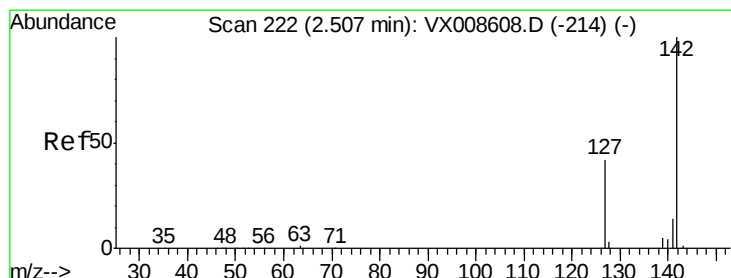
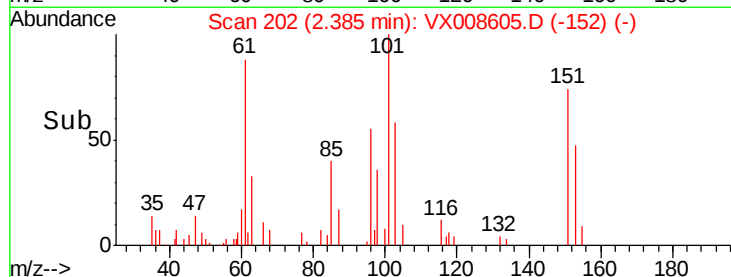
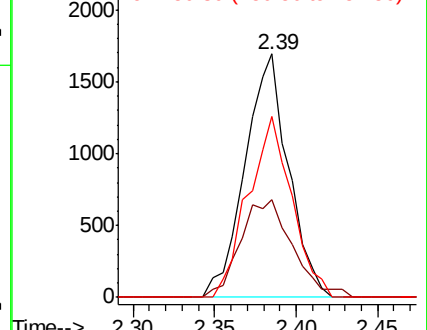
151 74.7 59.9 89.9



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: 0.927 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

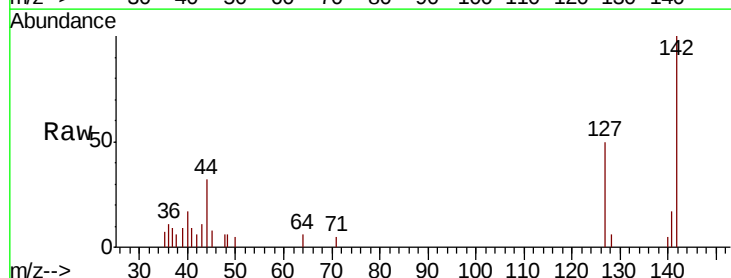
Tgt Ion:142 Resp: 1841

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.6

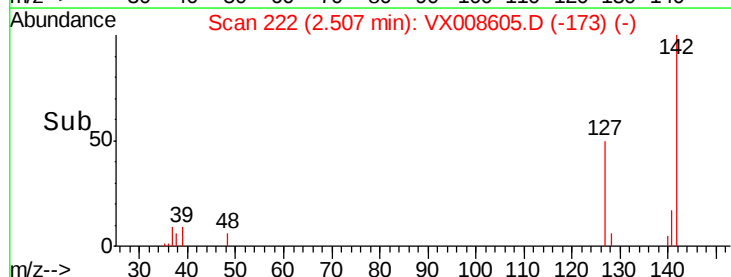
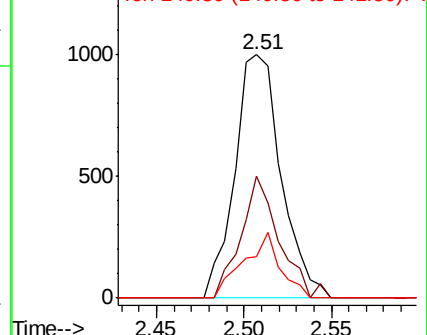
141 21.0 11.4 17.2#

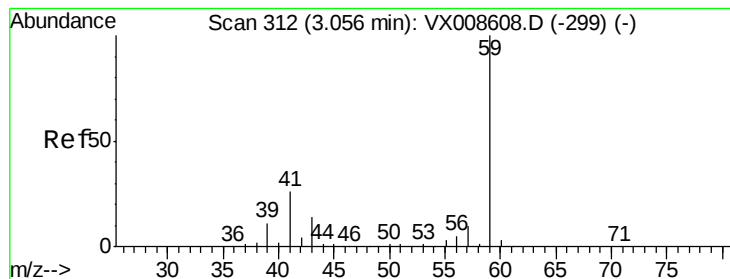


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



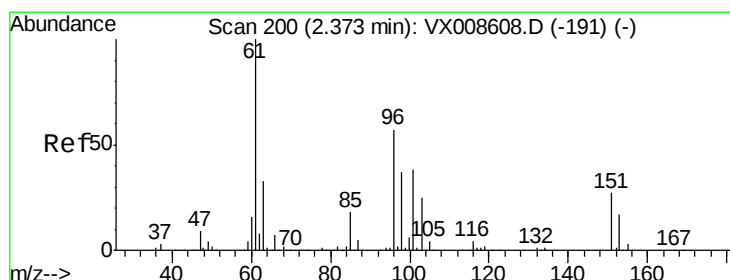
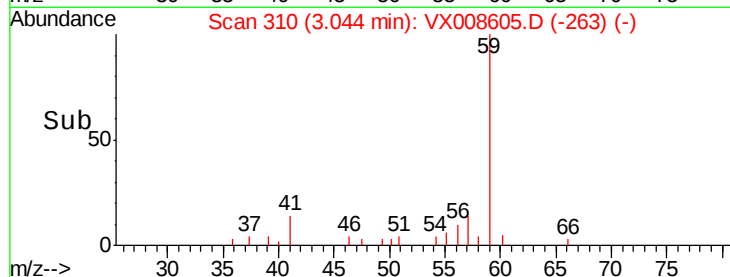
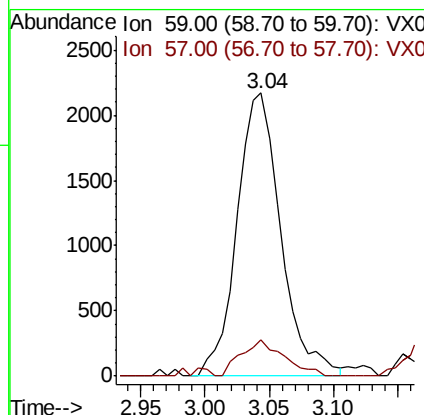
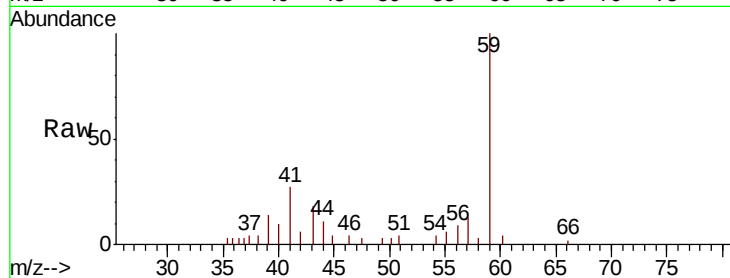


#11

Tert butyl alcohol
 Concen: 6.907 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

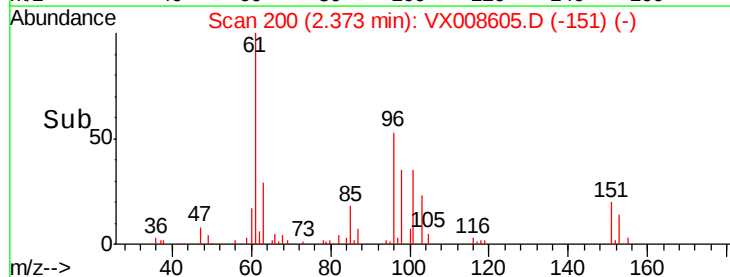
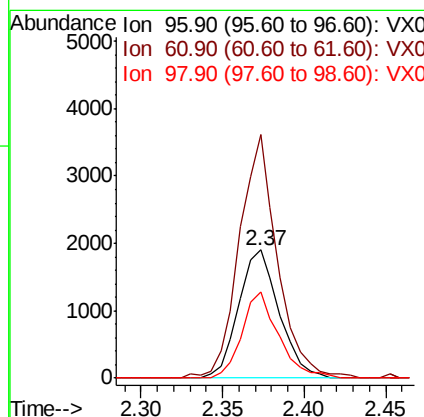
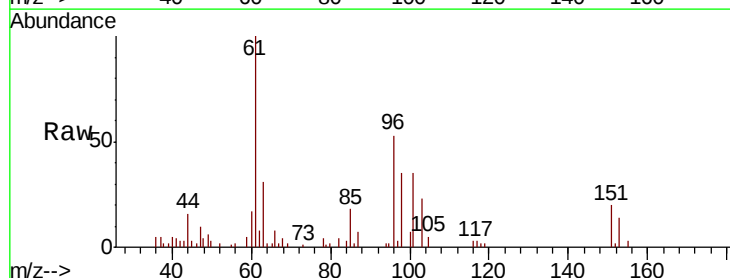
Tot Ion: 59 Resp: 5129
 Ion Ratio Lower Upper
 59 100
 57 12.7 8.3 12.5#

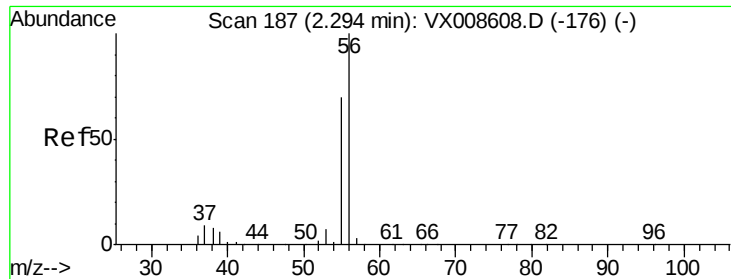


#12

1,1-Dichloroethene
 Concen: 1.311 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 96 Resp: 3296
 Ion Ratio Lower Upper
 96 100
 61 186.2 140.9 211.3
 98 67.3 52.1 78.1

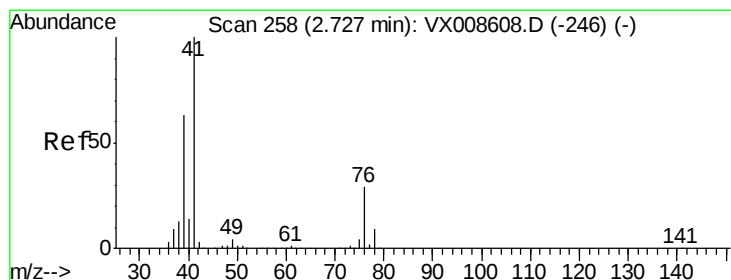
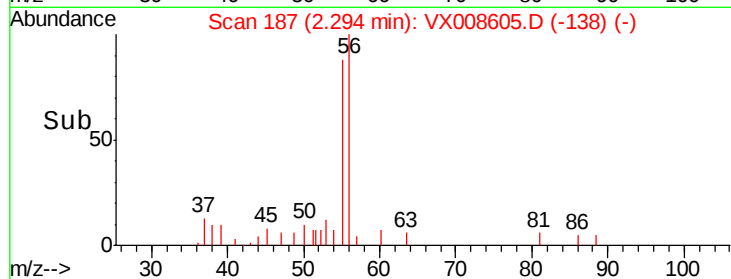
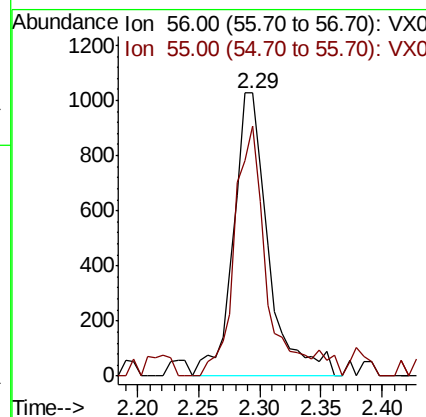
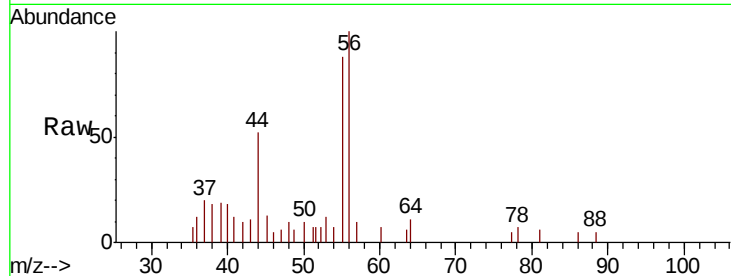




#13
Acrolein
Concen: 5.481 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

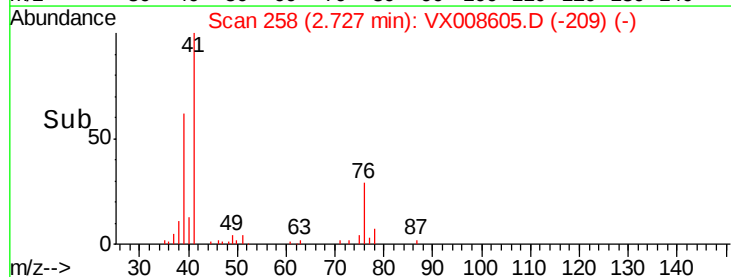
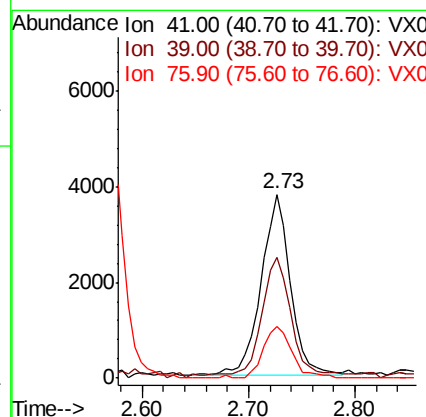
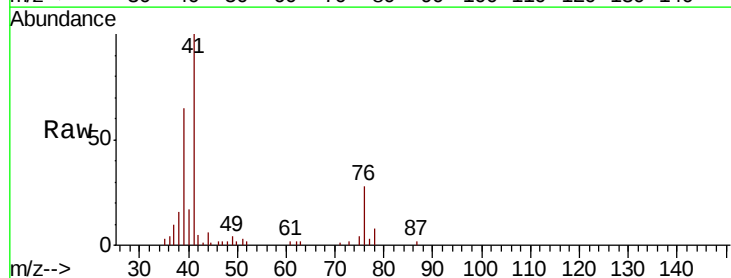
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

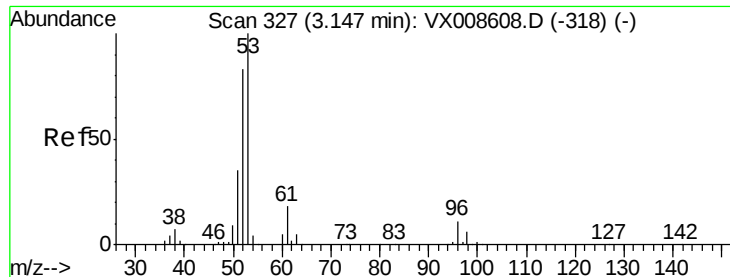
Tot Ion: 56 Resp: 2018
Ion Ratio Lower Upper
56 100
55 79.2 58.0 87.0



#14
Allyl chloride
Concen: 1.283 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 41 Resp: 7384
Ion Ratio Lower Upper
41 100
39 70.1 48.0 72.0
76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 6.587 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

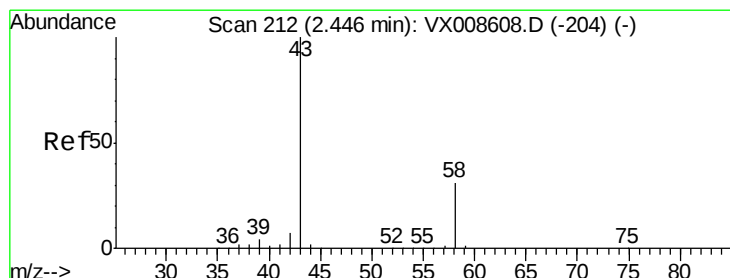
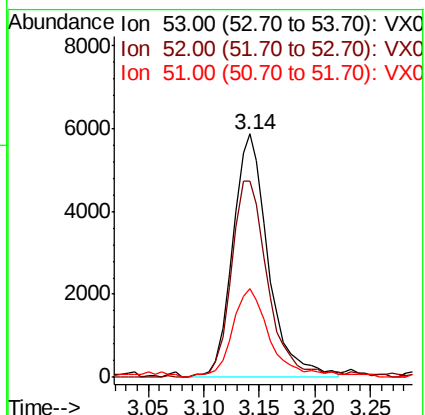
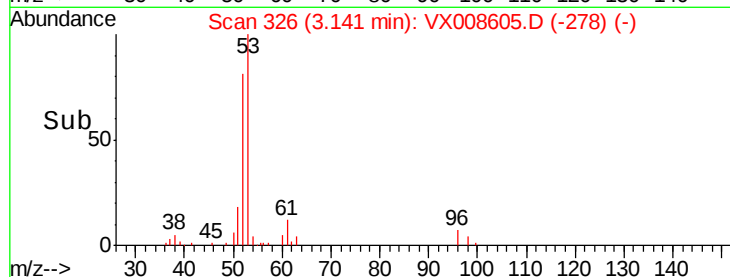
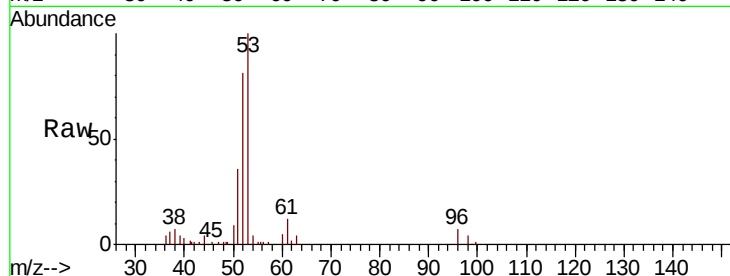
Tot Ion: 53 Resp: 12959

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

51 39.0 28.6 42.8



#16

Acetone

Concen: 6.752 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008605.D

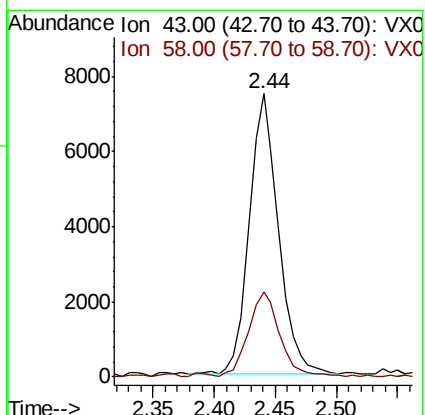
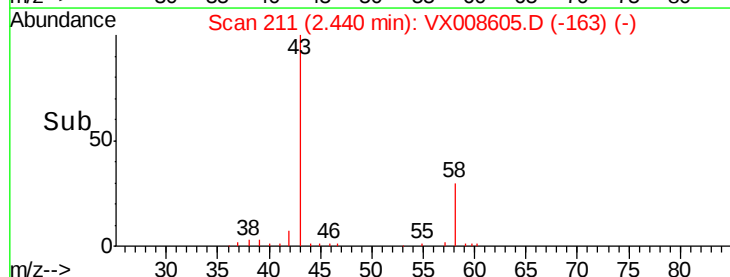
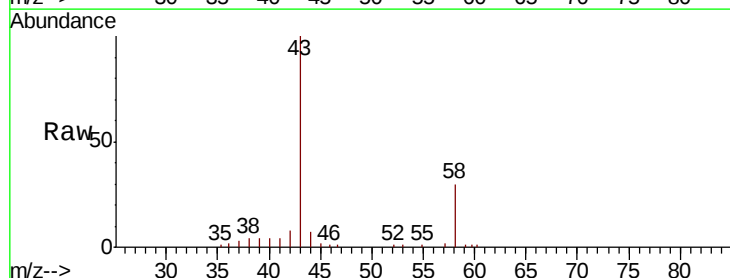
Acq: 03 Apr 2019 09:33

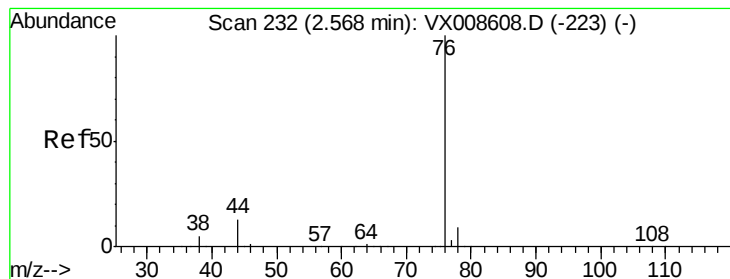
Tgt Ion: 43 Resp: 12335

Ion Ratio Lower Upper

43 100

58 30.4 24.8 37.2





#17

Carbon Disulfide

Concen: 1.295 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

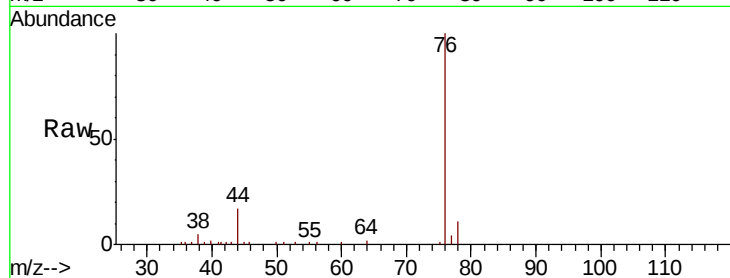
VSTDIC001

Tot Ion: 76 Resp: 10461

Ion Ratio Lower Upper

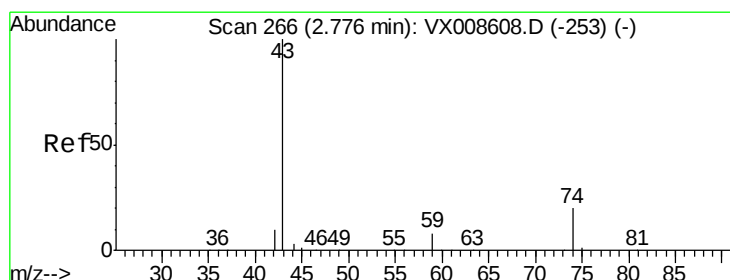
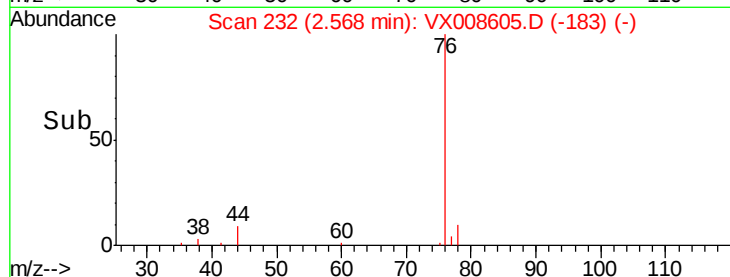
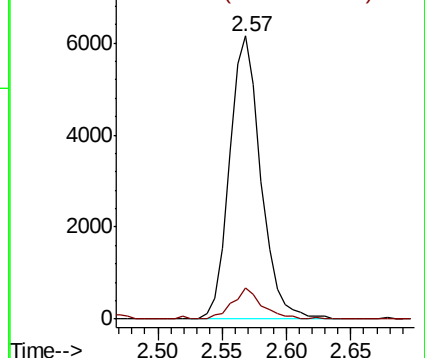
76 100

78 11.1 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.232 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008605.D

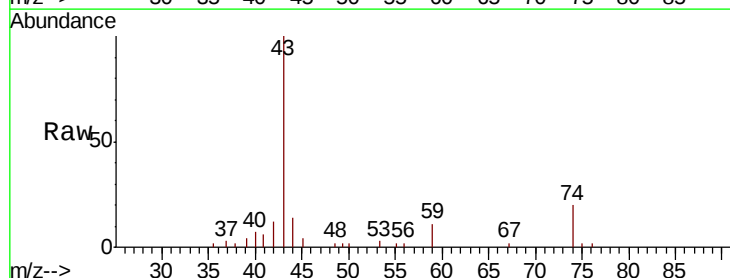
Acq: 03 Apr 2019 09:33

Tgt Ion: 43 Resp: 5460

Ion Ratio Lower Upper

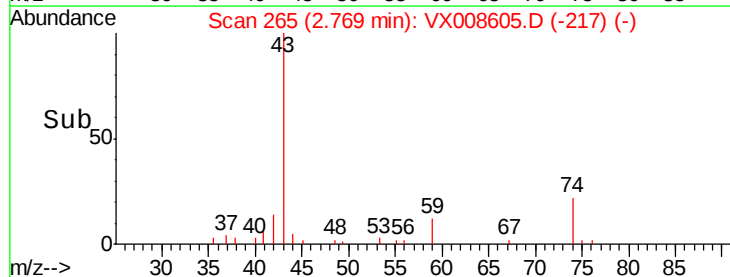
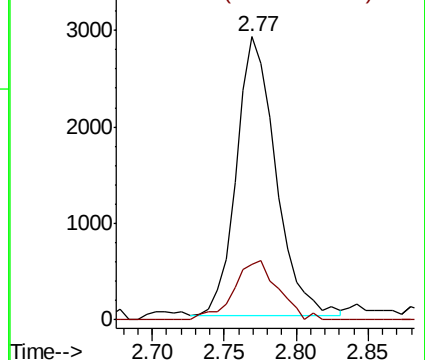
43 100

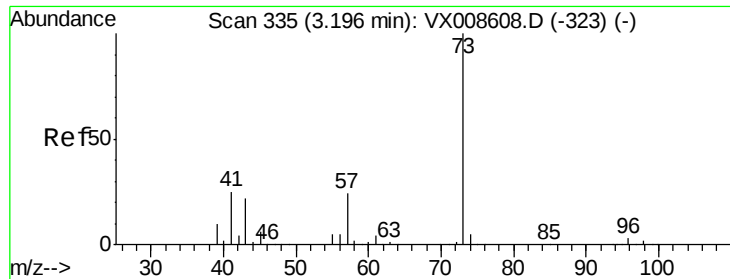
74 24.2 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

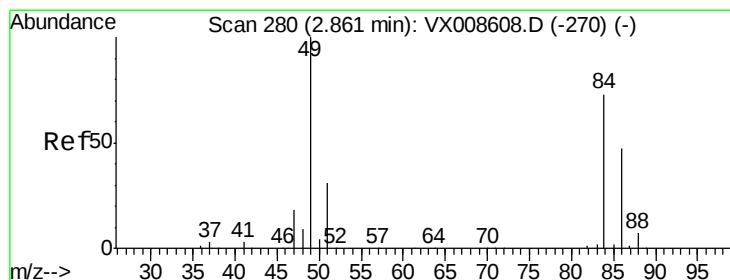
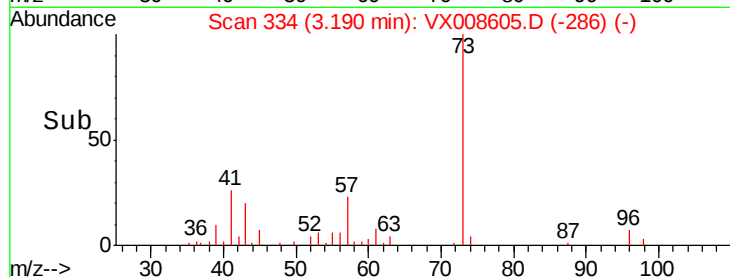
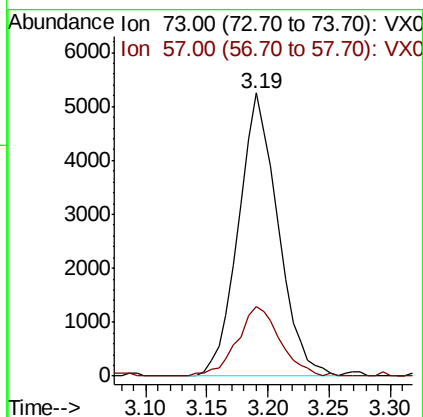
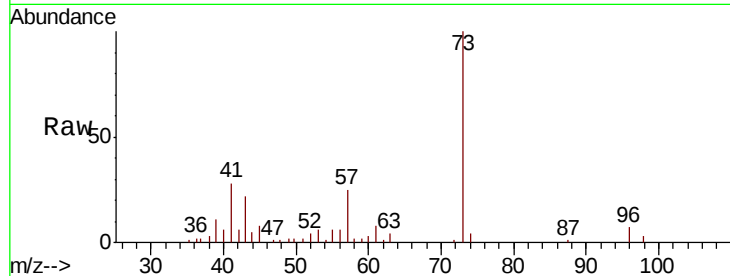




#19
Methyl tert-butyl Ether
Concen: 1.317 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

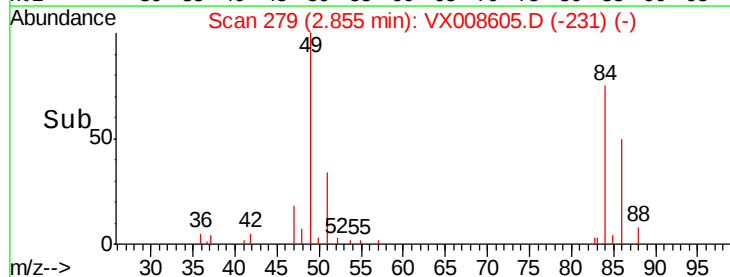
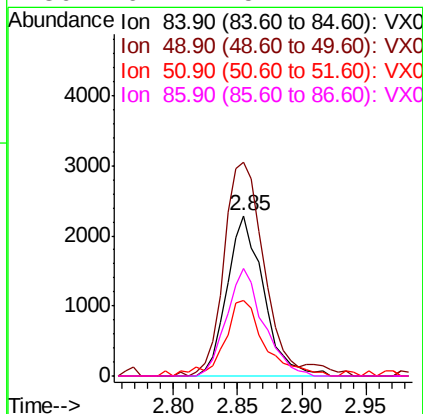
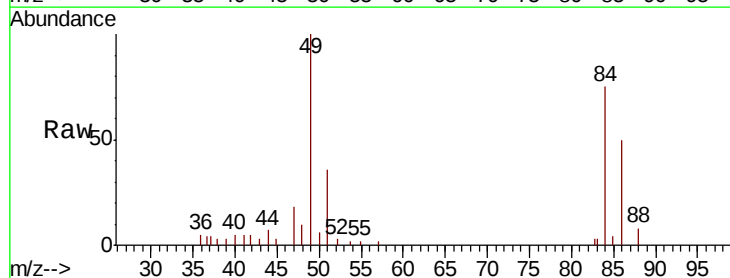
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

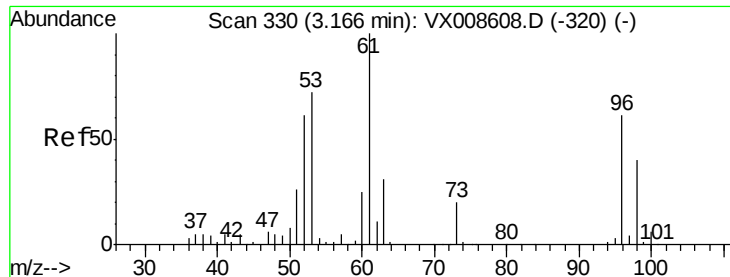
Tot Ion: 73 Resp: 11824
Ion Ratio Lower Upper
73 100
57 24.5 19.5 29.3



#20
Methylene Chloride
Concen: 1.475 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 84 Resp: 4511
Ion Ratio Lower Upper
84 100
49 133.2 109.7 164.5
51 47.4 33.6 50.4
86 67.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 1.333 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

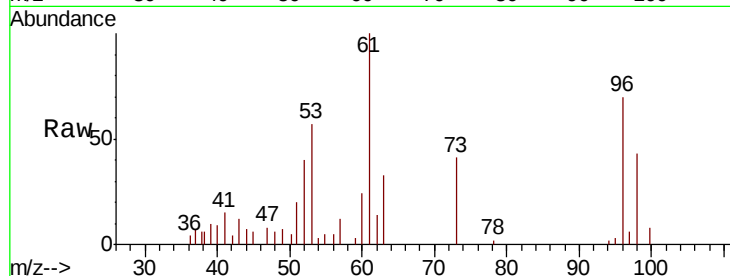
Tot Ion: 96 Resp: 3625

Ion Ratio Lower Upper

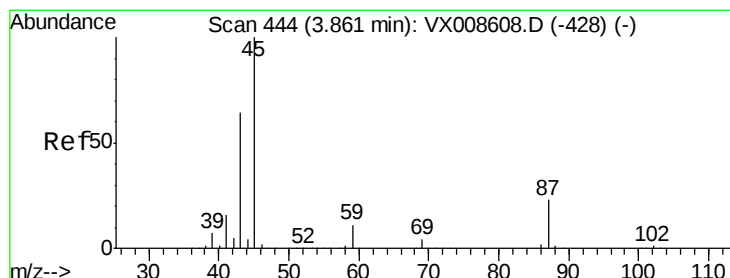
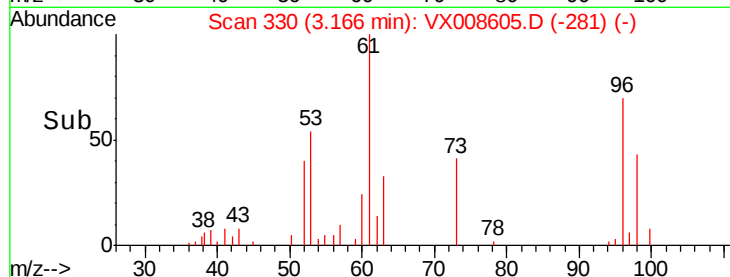
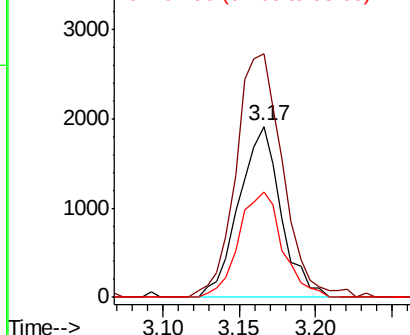
96 100

61 142.7 132.1 198.1

98 61.5 52.2 78.2



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



#22

Diisopropyl ether

Concen: 1.280 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Tgt Ion: 45 Resp: 14204

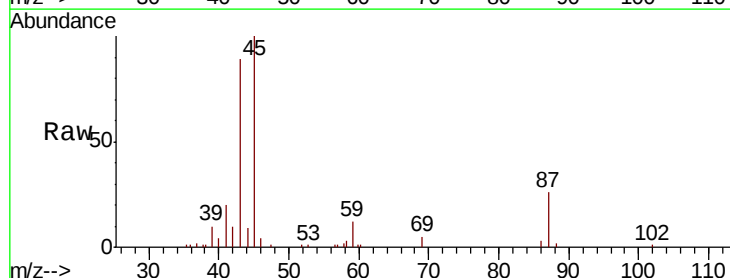
Ion Ratio Lower Upper

45 100

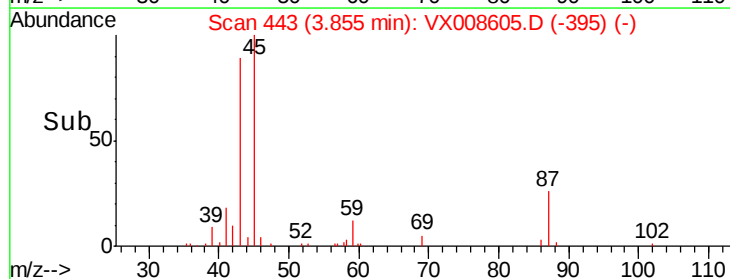
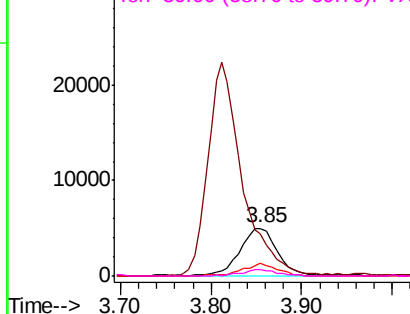
43 85.3 51.3 76.9#

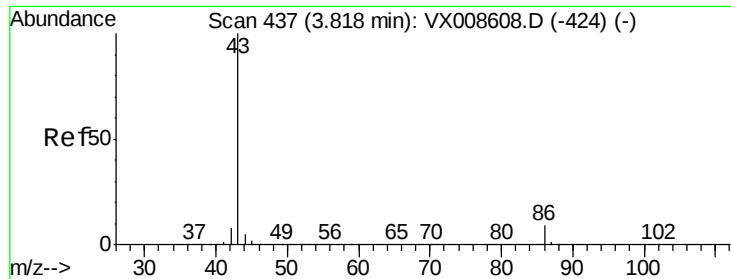
87 26.3 18.1 27.1

59 12.4 8.6 13.0



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





#23

Vinyl Acetate

Concen: 6.174 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

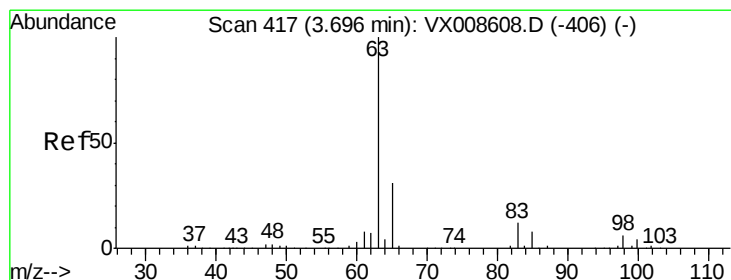
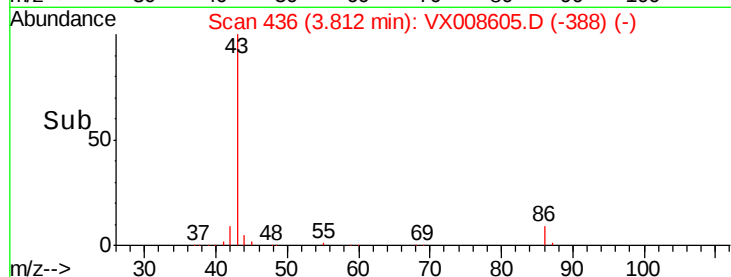
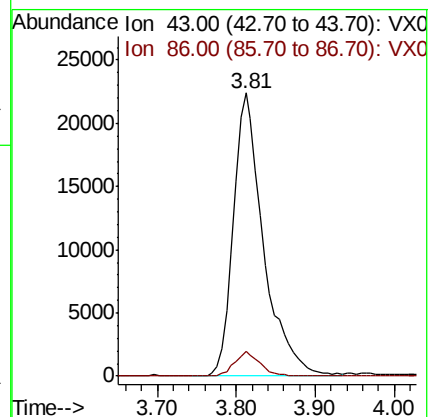
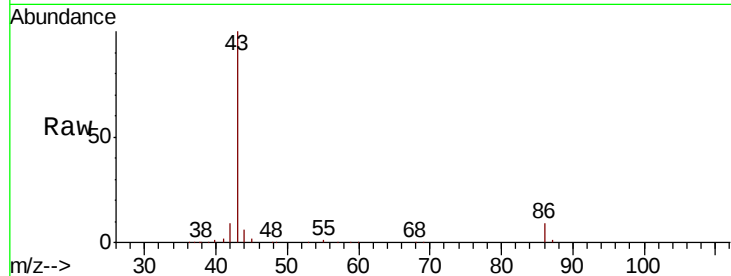
VSTDIC001

Tot Ion: 43 Resp: 59581

Ion Ratio Lower Upper

43 100

86 8.8 7.0 10.6



#24

1,1-Dichloroethane

Concen: 1.357 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

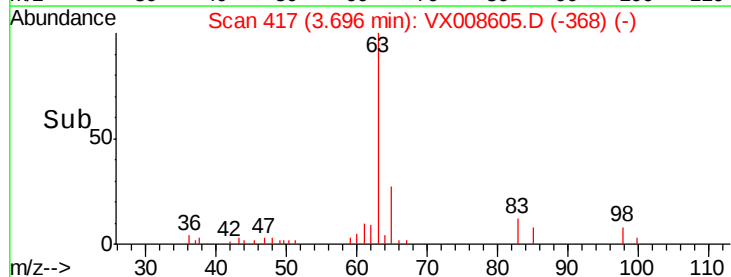
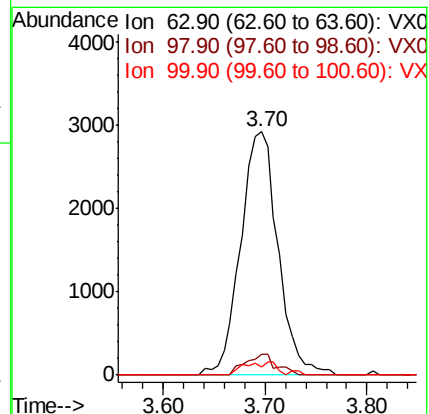
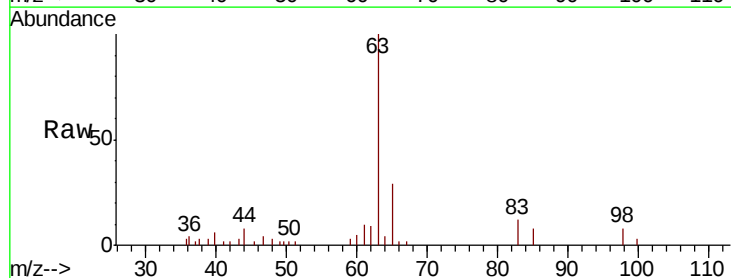
Tgt Ion: 63 Resp: 7454

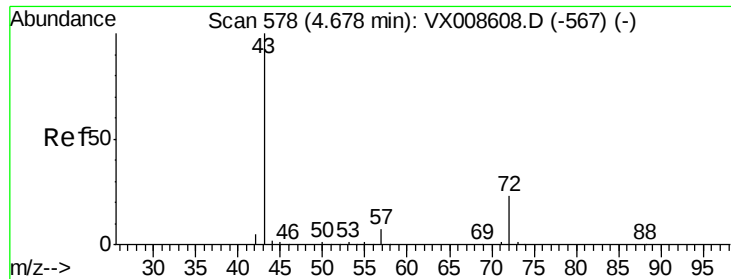
Ion Ratio Lower Upper

63 100

98 8.4 2.8 8.4#

100 3.5 1.8 5.5





#25

2-Butanone

Concen: 6.261 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

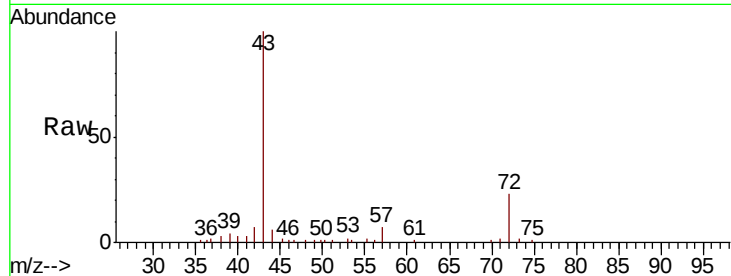
VSTDIC001

Tot Ion: 43 Resp: 18080

Ion Ratio Lower Upper

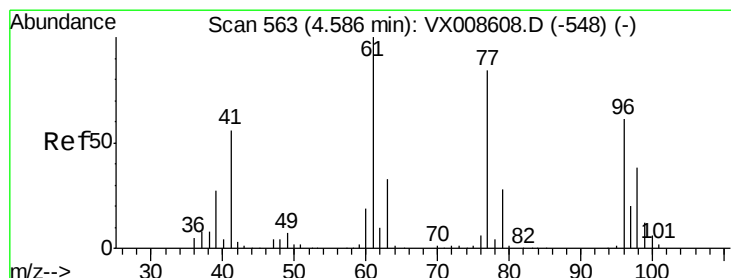
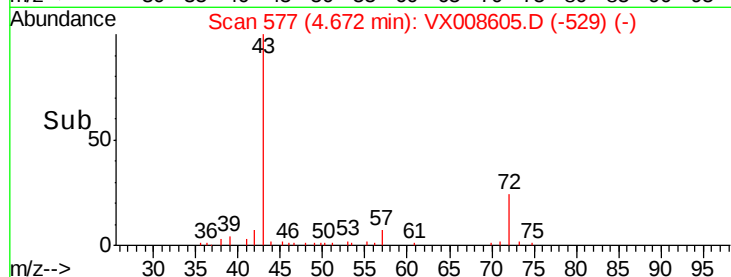
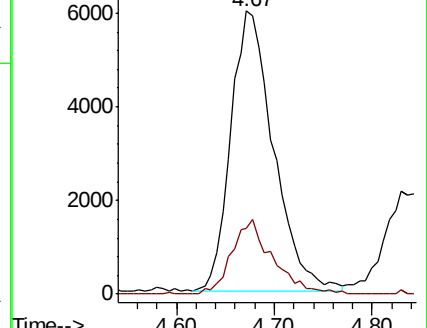
43 100

72 23.7 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX008605.D (-529) (-)

Ion 72.00 (71.70 to 72.70): VX008605.D (-529) (-)



#26

2,2-Dichloropropane

Concen: 1.333 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008605.D

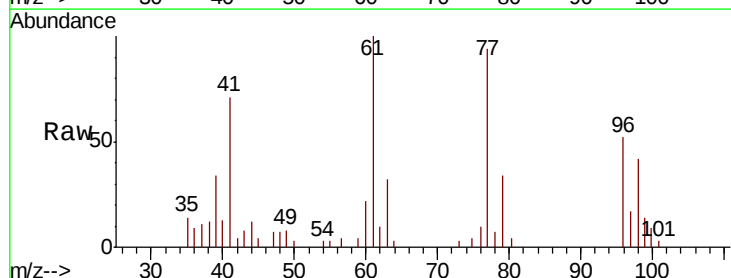
Acq: 03 Apr 2019 09:33

Tgt Ion: 77 Resp: 5158

Ion Ratio Lower Upper

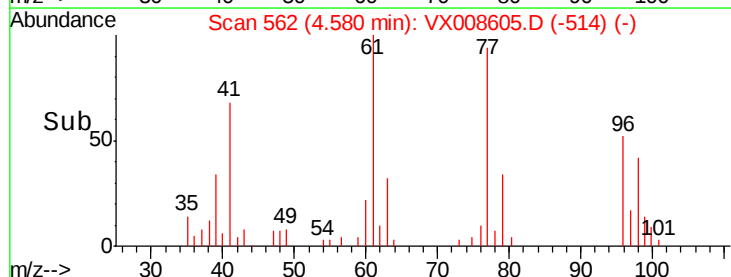
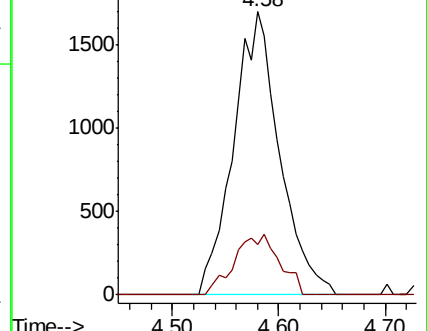
77 100

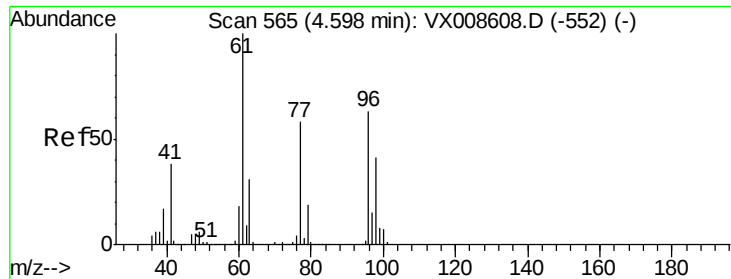
97 20.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX008605.D (-514) (-)

Ion 96.90 (96.60 to 97.60): VX008605.D (-514) (-)



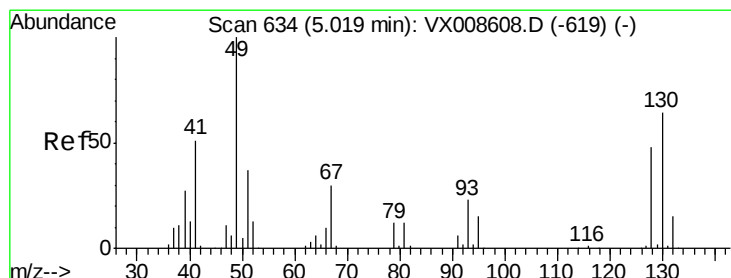
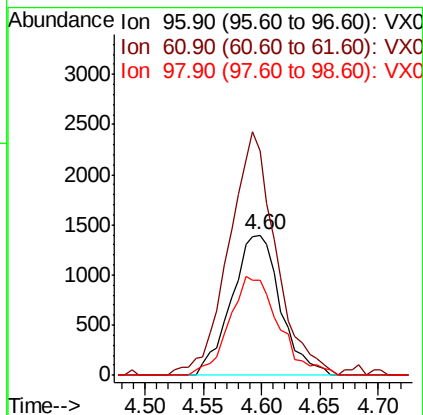
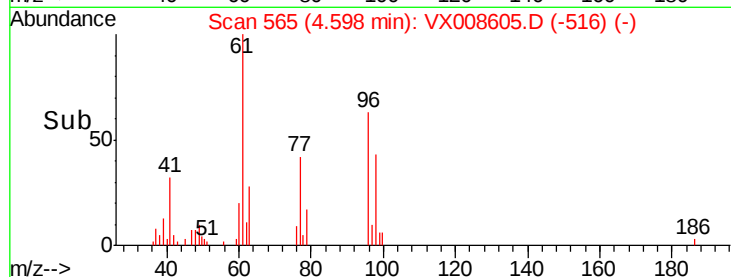
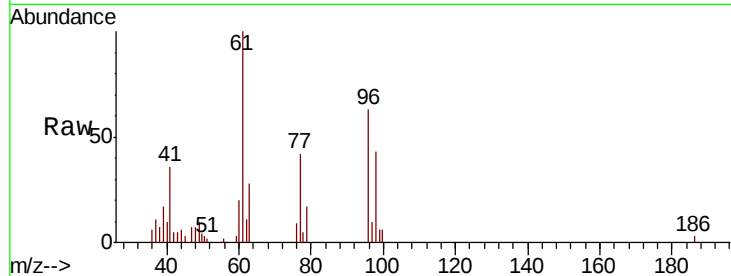


#27

cis-1,2-Dichloroethene
Concen: 1.303 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

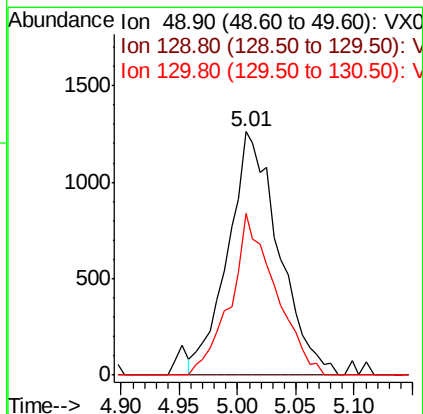
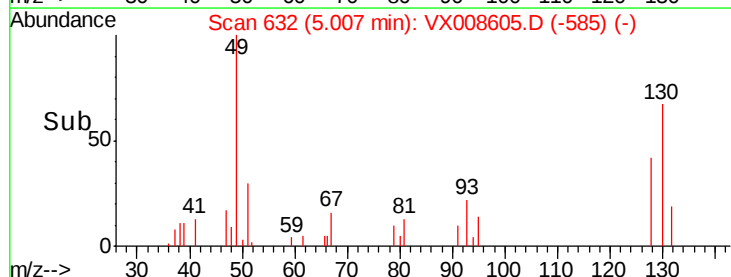
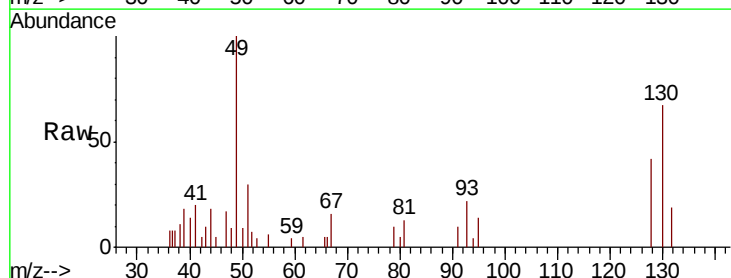
Tot Ion: 96 Resp: 4073
Ion Ratio Lower Upper
96 100
61 167.7 0.0 327.6
98 71.8 0.0 128.6

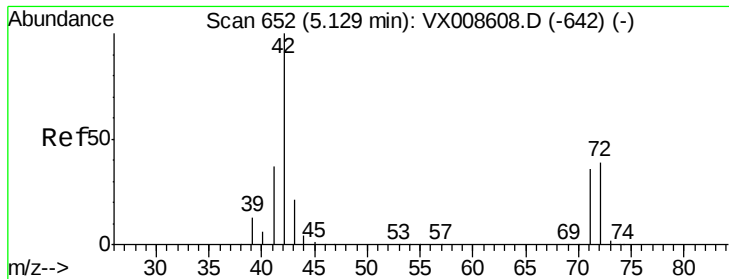


#28

Bromochloromethane
Concen: 1.467 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 49 Resp: 3823
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 58.5 49.3 73.9





#29

Tetrahydrofuran

Concen: 6.382 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

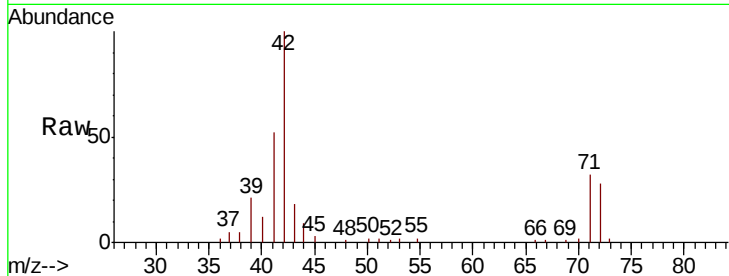
Tot Ion: 42 Resp: 12232

Ion Ratio Lower Upper

42 100

72 39.9 30.5 45.7

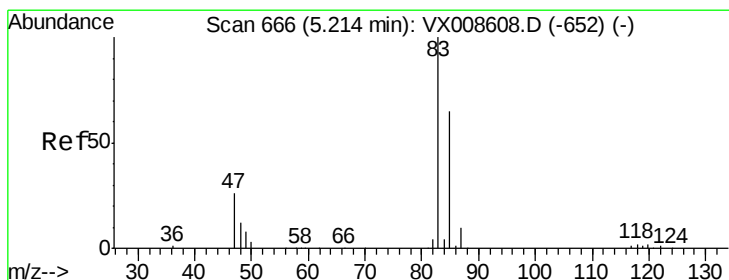
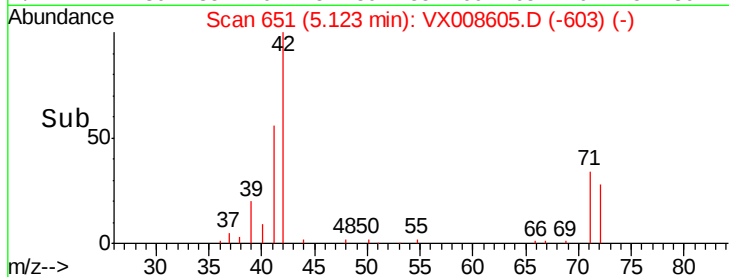
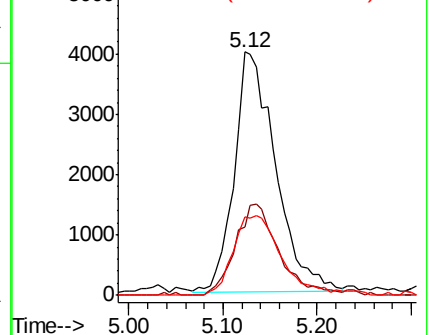
71 39.1 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.350 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008605.D

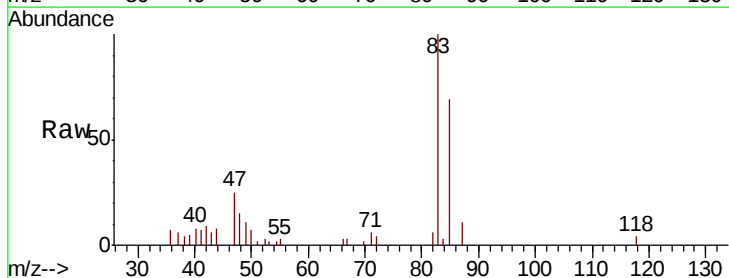
Acq: 03 Apr 2019 09:33

Tgt Ion: 83 Resp: 6623

Ion Ratio Lower Upper

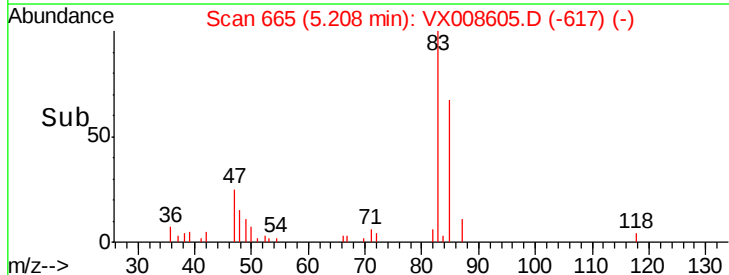
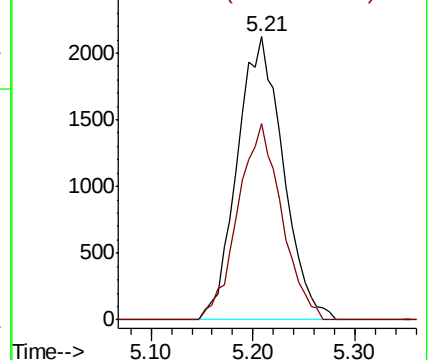
83 100

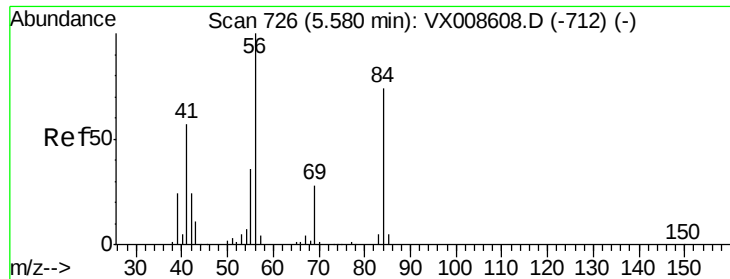
85 69.2 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.310 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

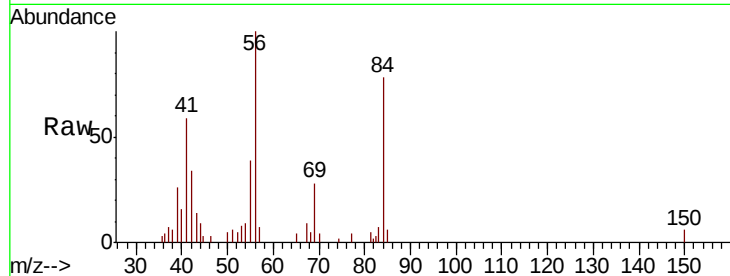
Tot Ion: 56 Resp: 7178

Ion Ratio Lower Upper

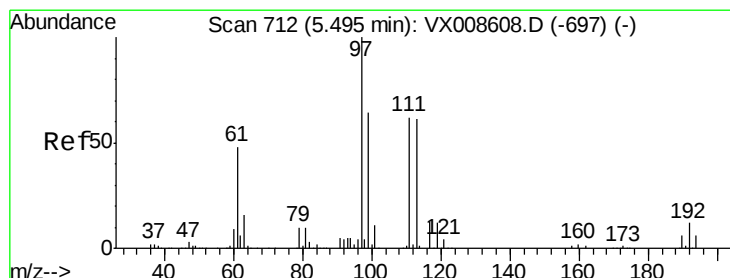
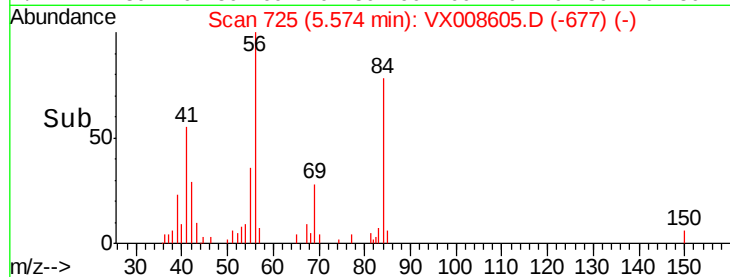
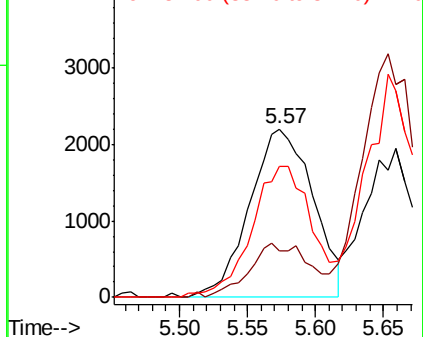
56 100

69 27.7 22.6 33.8

84 75.7 59.3 88.9



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: 1.338 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

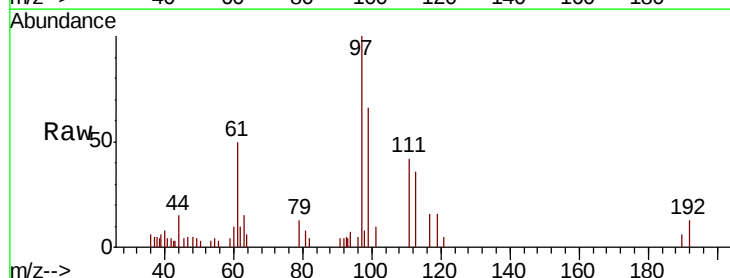
Tgt Ion: 97 Resp: 5304

Ion Ratio Lower Upper

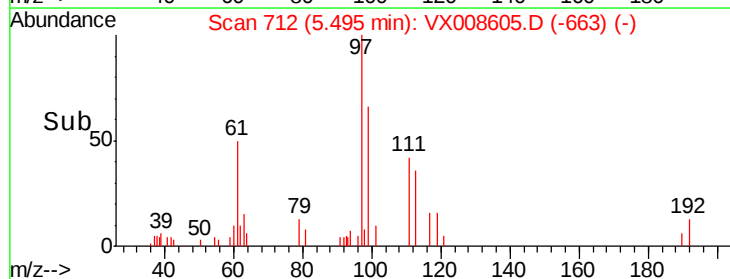
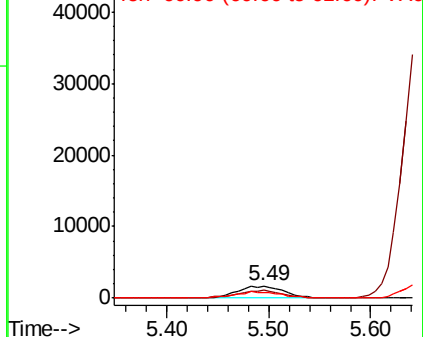
97 100

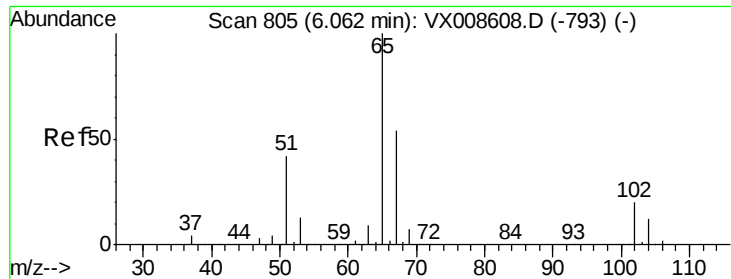
99 0.0 51.3 76.9#

61 53.7 38.9 58.3



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

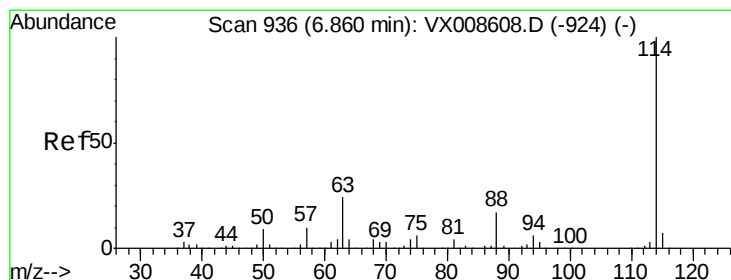
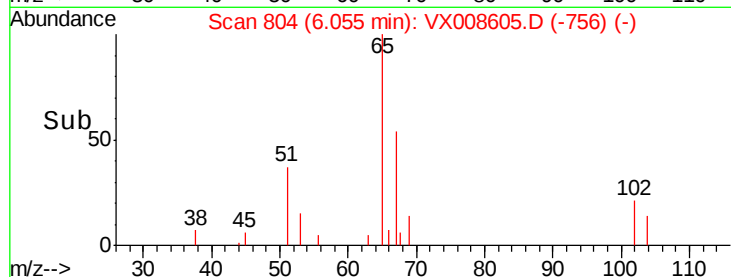
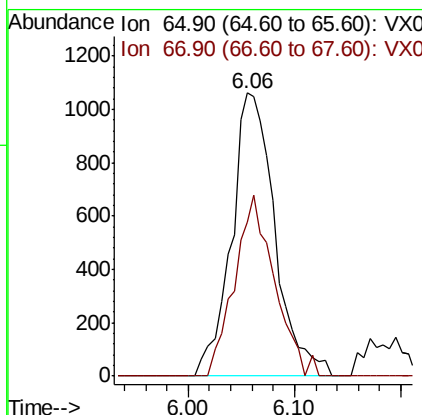
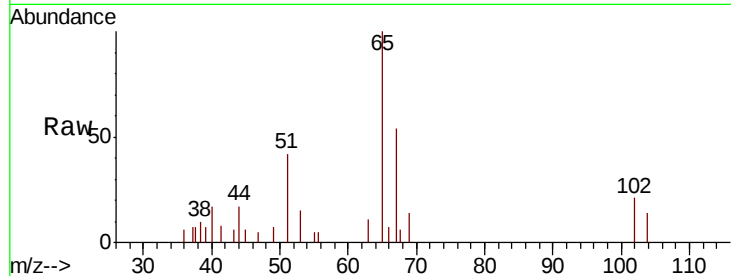




#33
 1,2-Dichloroethane-d4
 Concen: 0.956 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

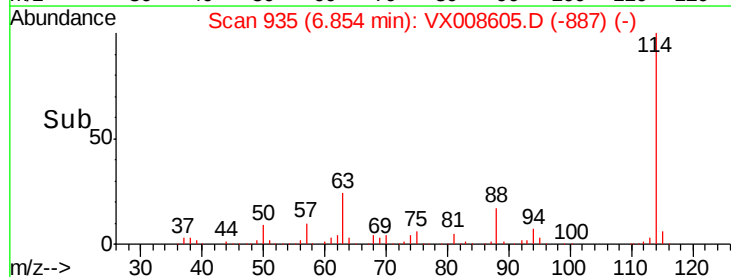
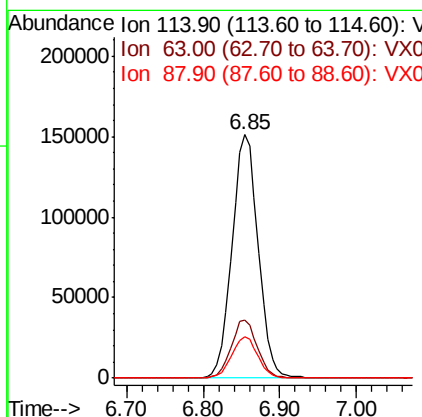
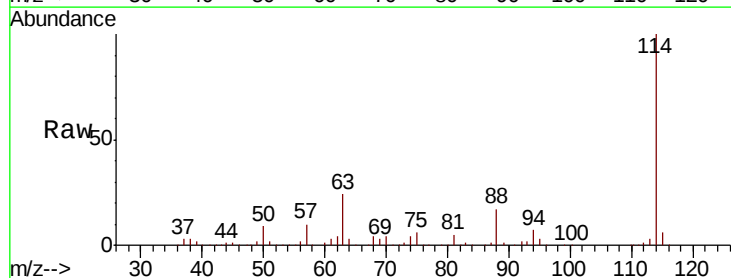
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

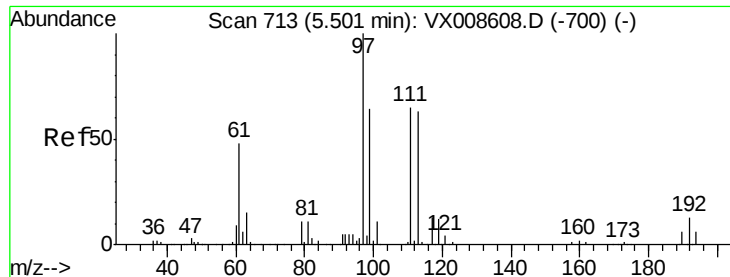
Tot Ion: 65 Resp: 3032
 Ion Ratio Lower Upper
 65 100
 67 58.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 114 Resp: 357350
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 0.907 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

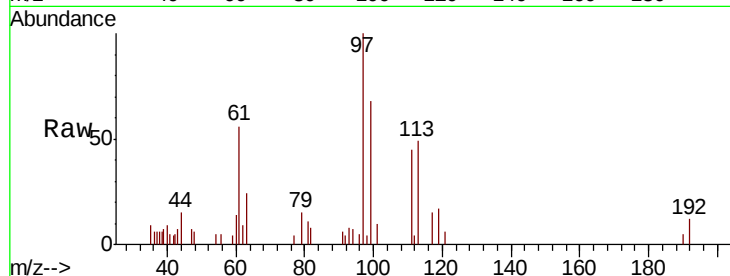
Tot Ion:113 Resp: 2073

Ion Ratio Lower Upper

113 100

111 104.5 83.4 125.2

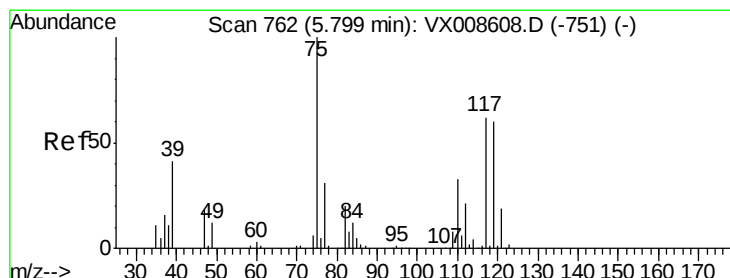
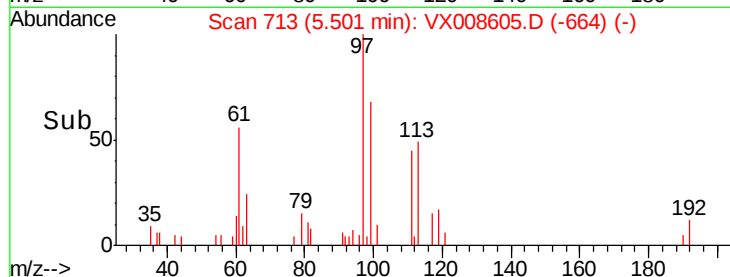
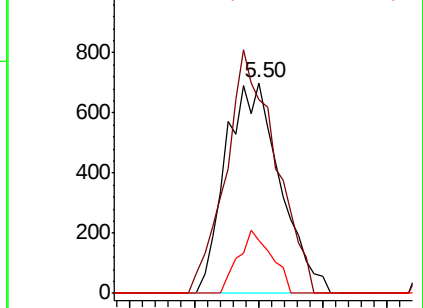
192 18.1 16.1 24.1



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: 1.255 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

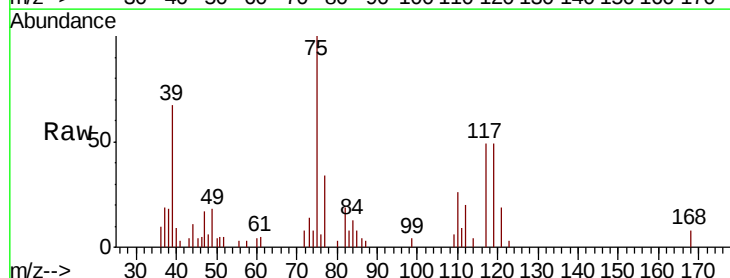
Tgt Ion: 75 Resp: 4902

Ion Ratio Lower Upper

75 100

110 36.0 16.4 49.2

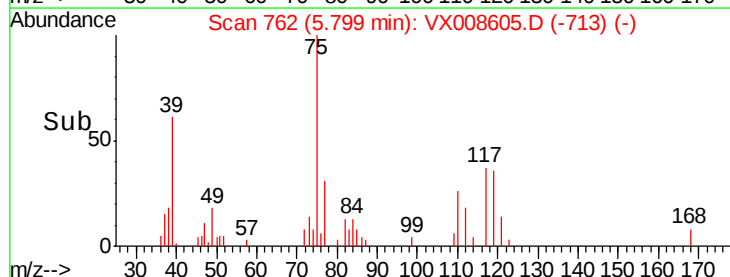
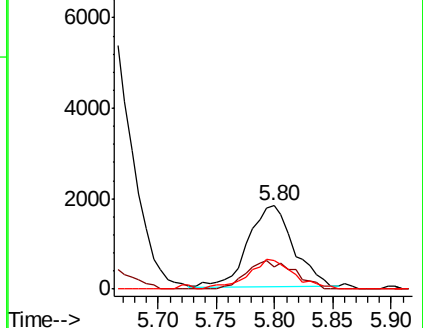
77 36.4 24.7 37.1

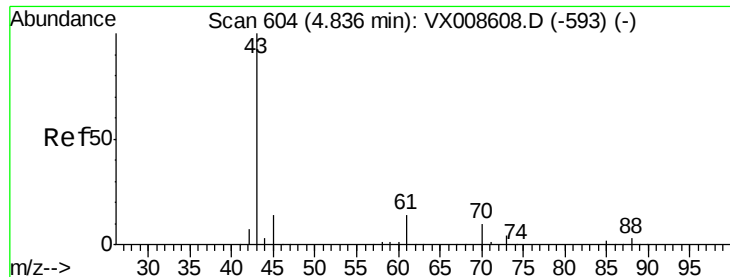


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.178 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

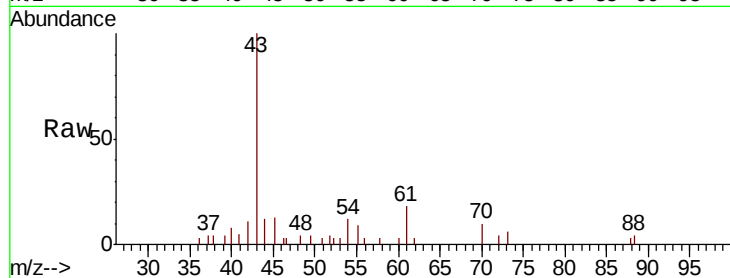
Tot Ion: 43 Resp: 6140

Ion Ratio Lower Upper

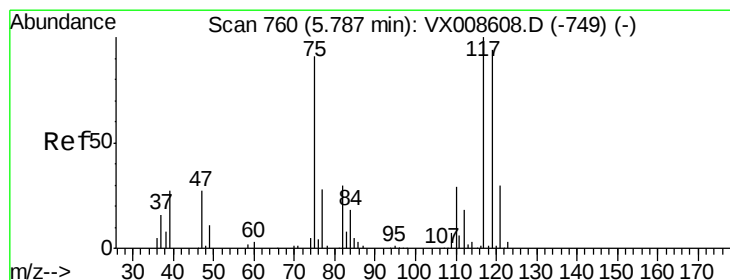
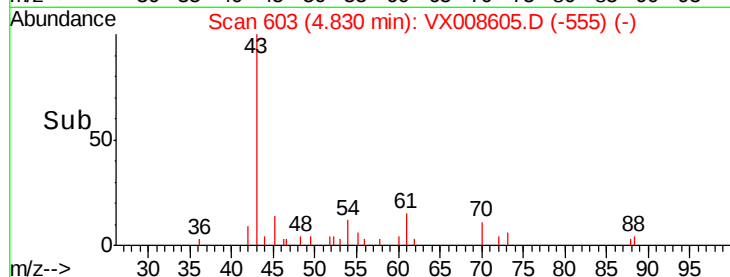
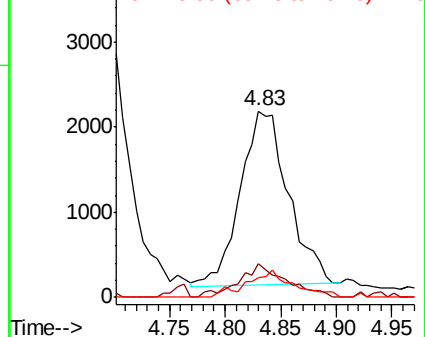
43 100

61 19.0 10.3 15.5#

70 14.9 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 1.305 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

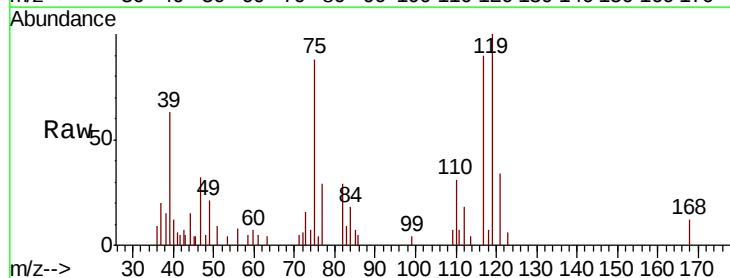
Tgt Ion: 117 Resp: 4220

Ion Ratio Lower Upper

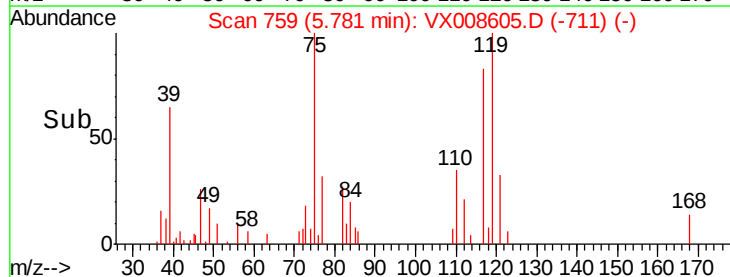
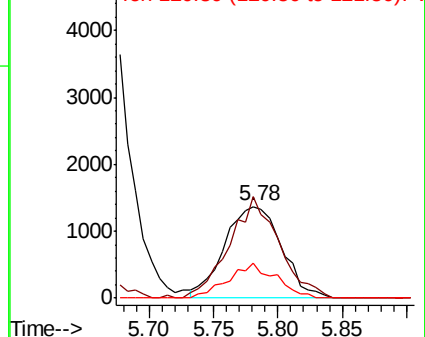
117 100

119 110.6 75.0 112.6

121 37.7 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

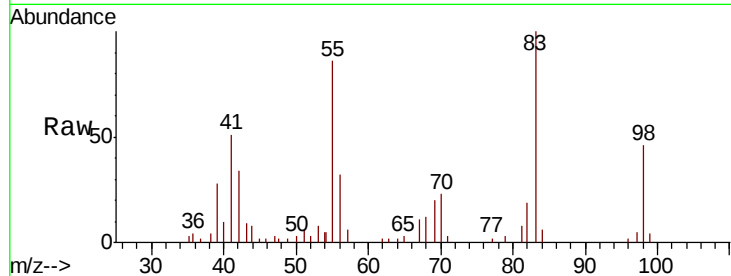




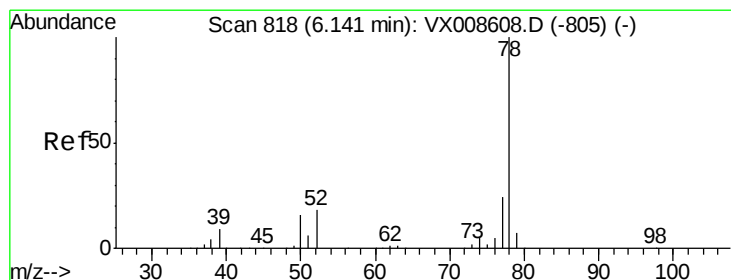
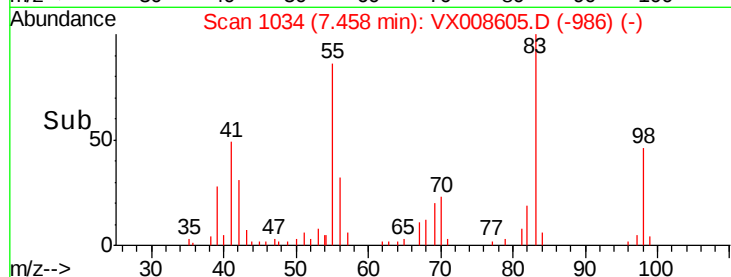
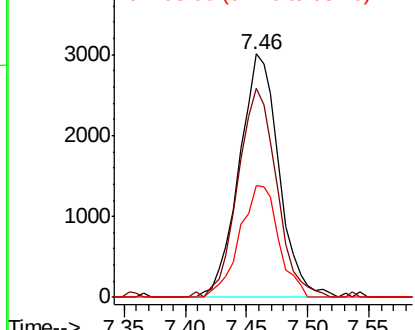
#39
Methvlcvclohexane
Concen: 1.409 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 83 Resp: 6801
Ion Ratio Lower Upper
83 100
55 86.1 69.0 103.6
98 46.1 34.4 51.6

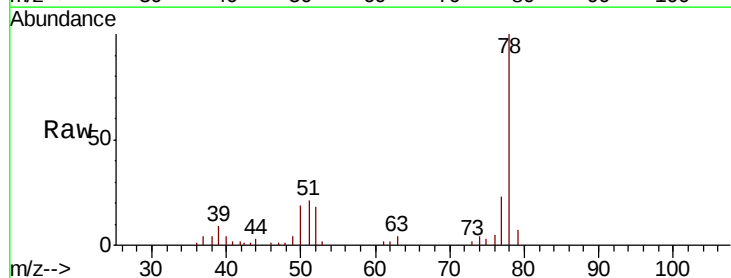


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

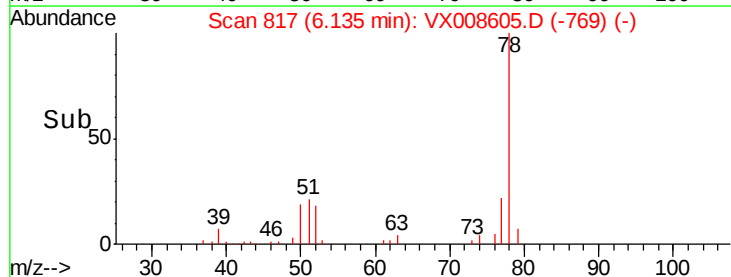
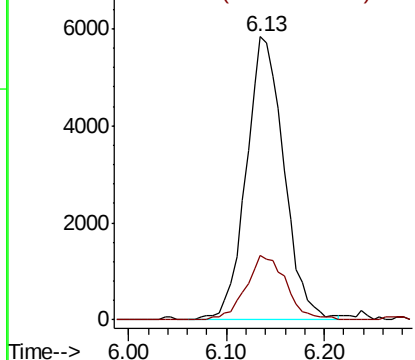


#40
Benzene
Concen: 1.339 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 78 Resp: 15586
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7



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

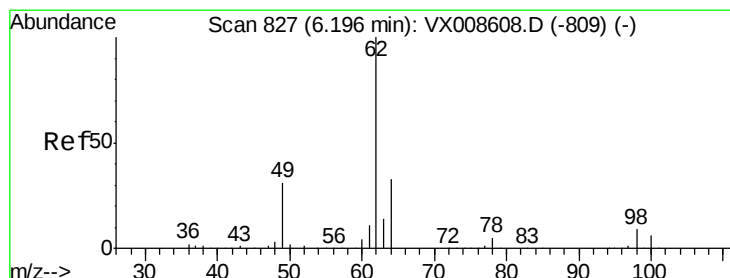
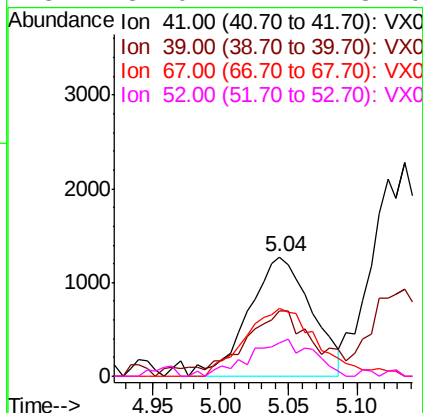
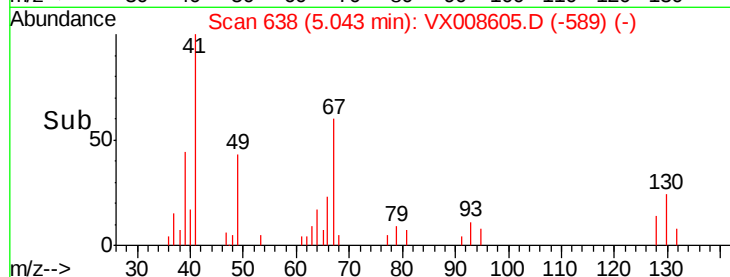
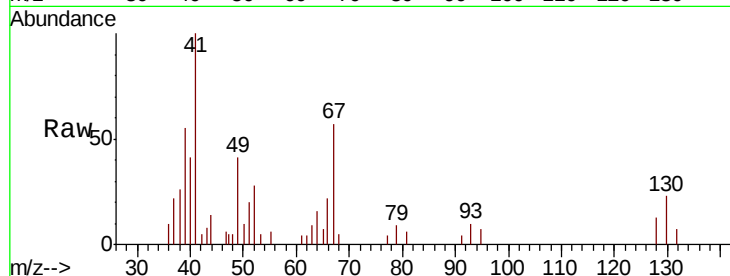




#41
Methacrylonitrile
Concen: 1.369 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

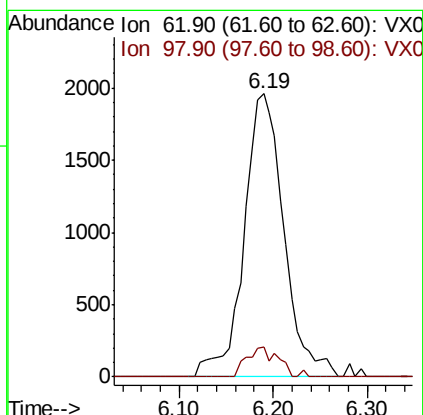
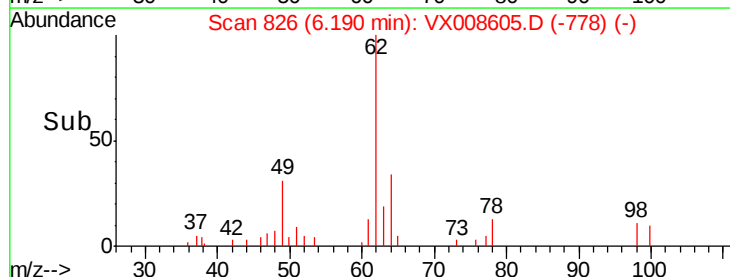
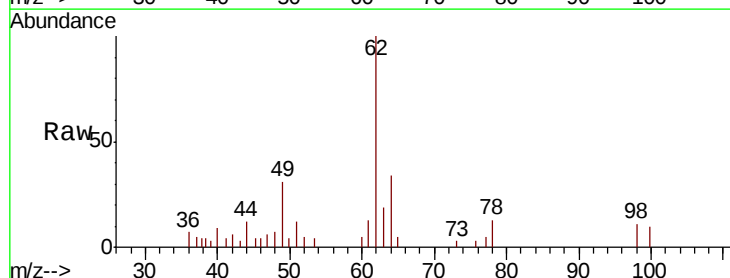
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

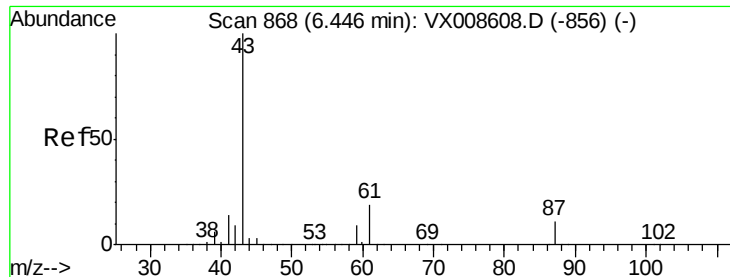
Tot Ion:	41	Resp:	4103
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.1	63.1
67	66.0	51.0	76.6
52	31.0	21.4	32.0



#42
1,2-Dichloroethane
Concen: 1.394 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion:	62	Resp:	5816
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.0





#43

Isopropyl Acetate

Concen: 1.295 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

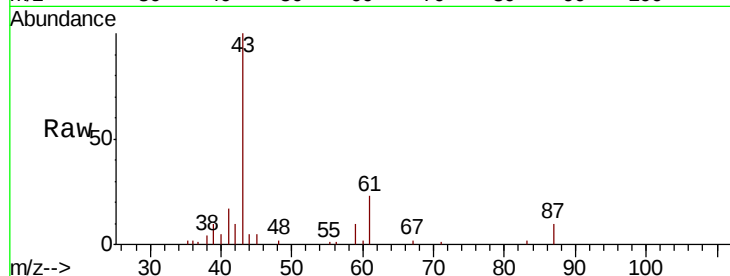
Tot Ion: 43 Resp: 10579

Ion Ratio Lower Upper

43 100

61 19.7 15.3 22.9

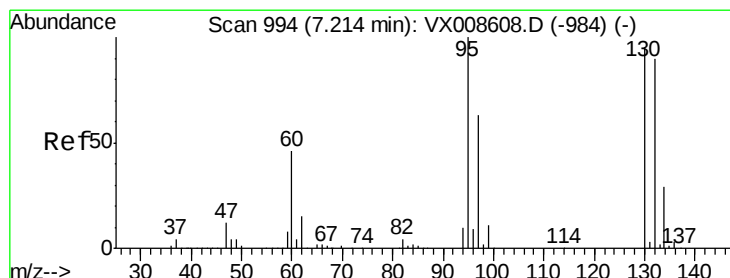
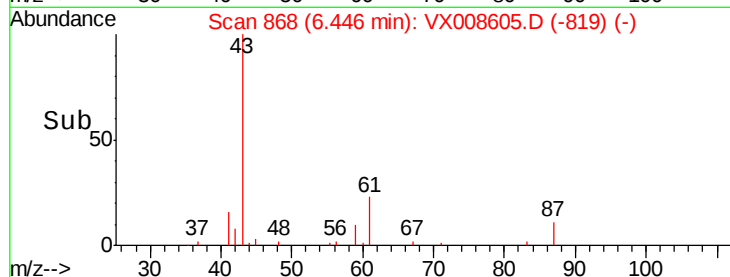
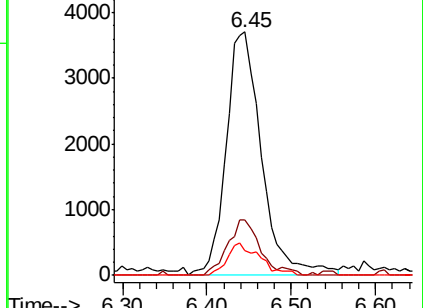
87 12.1 9.0 13.6



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: 1.394 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008605.D

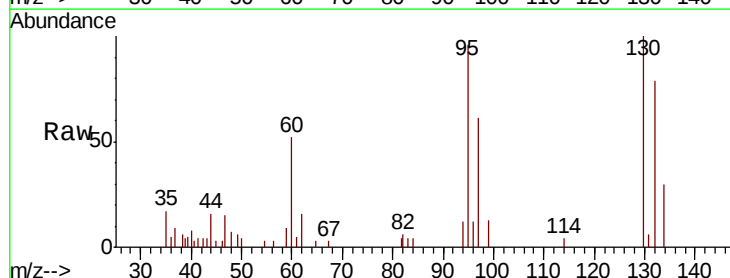
Acq: 03 Apr 2019 09:33

Tgt Ion: 130 Resp: 3777

Ion Ratio Lower Upper

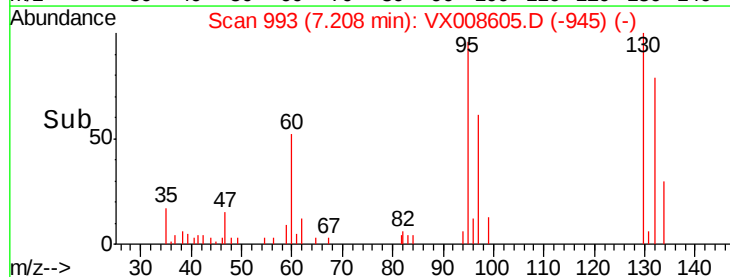
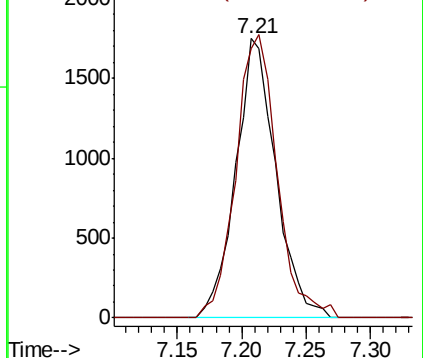
130 100

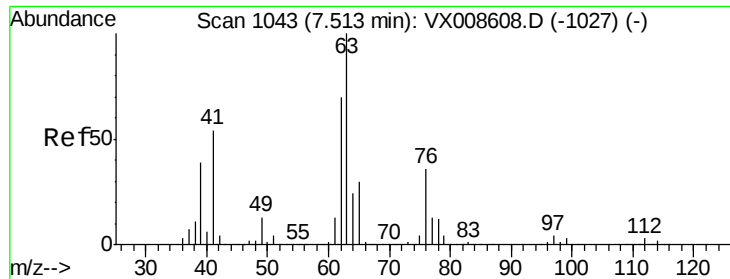
95 96.2 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

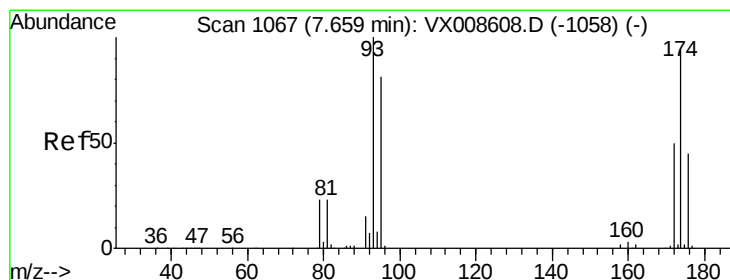
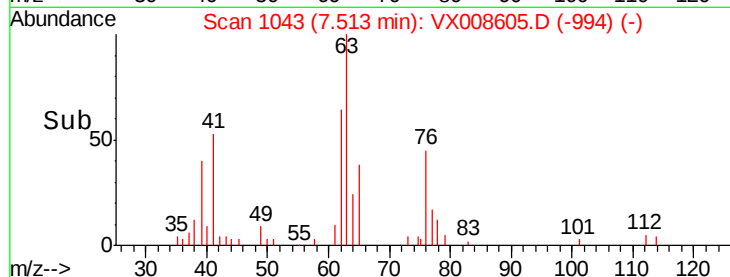
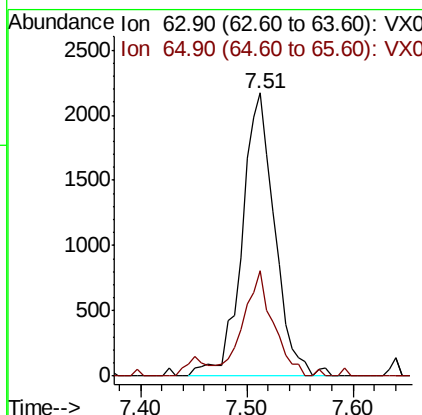
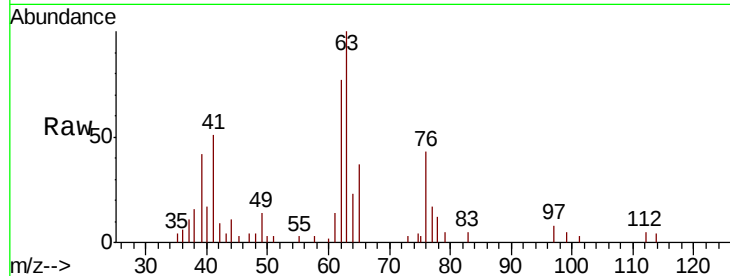




#45
 1,2-Dichloropropane
 Concen: 1.411 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

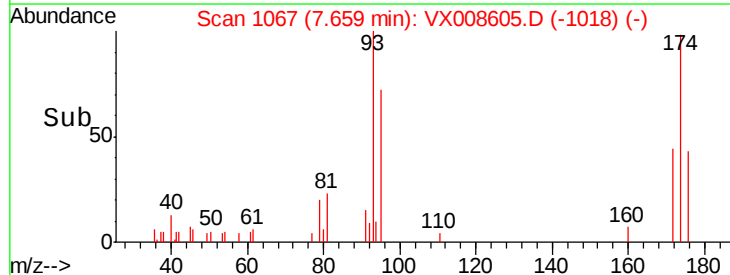
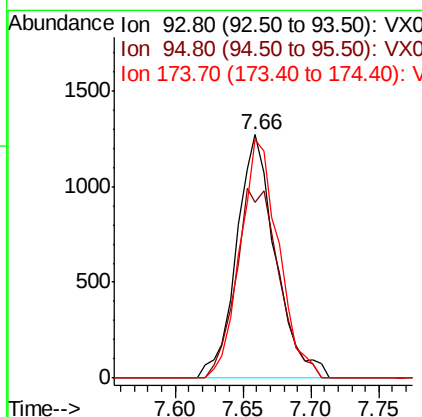
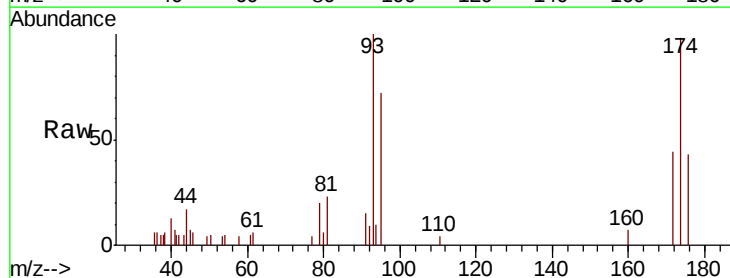
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

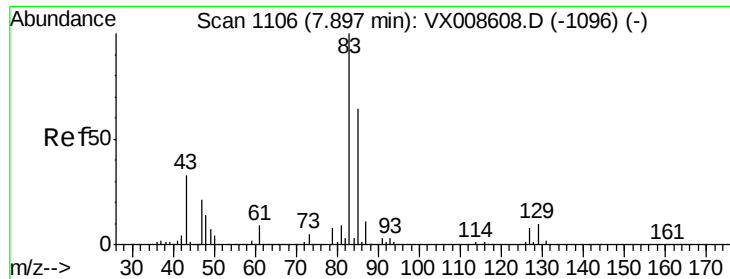
Tot Ion: 63 Resp: 4686
 Ion Ratio Lower Upper
 63 100
 65 37.3 24.2 36.4#



#46
 Dibromomethane
 Concen: 1.325 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 93 Resp: 2552
 Ion Ratio Lower Upper
 93 100
 95 86.1 66.6 99.8
 174 96.6 77.7 116.5





#47

Bromodichloromethane

Concen: 1.272 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

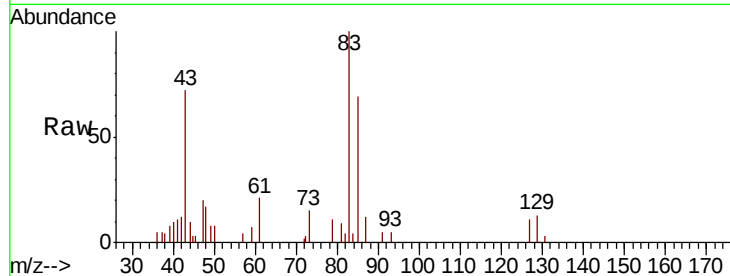
Tot Ion: 83 Resp: 4621

Ion Ratio Lower Upper

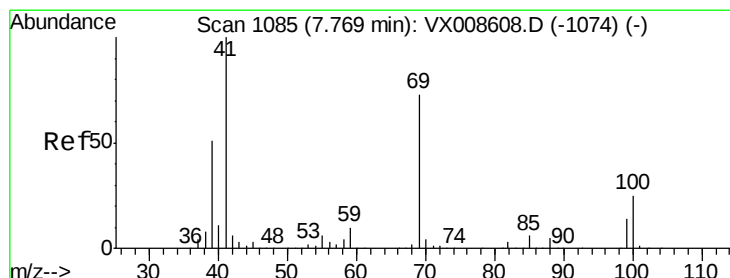
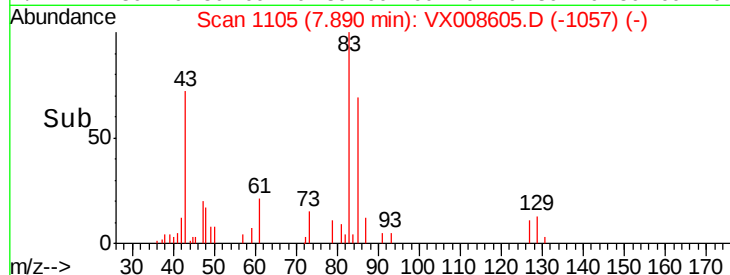
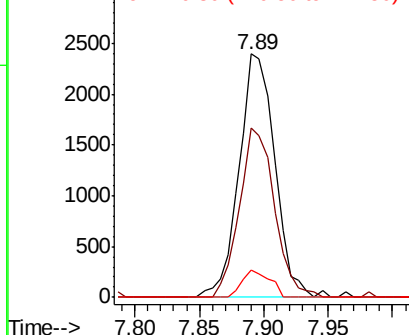
83 100

85 69.4 51.2 76.8

127 11.1 6.6 10.0#



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: 1.135 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

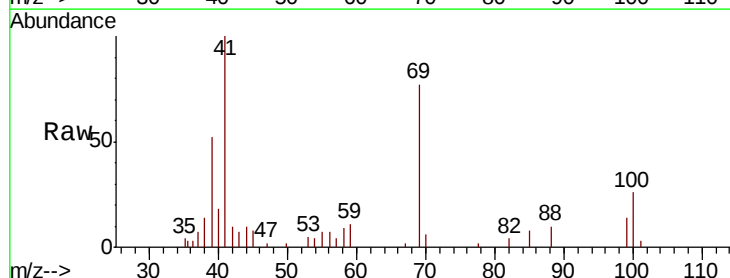
Tgt Ion: 41 Resp: 4689

Ion Ratio Lower Upper

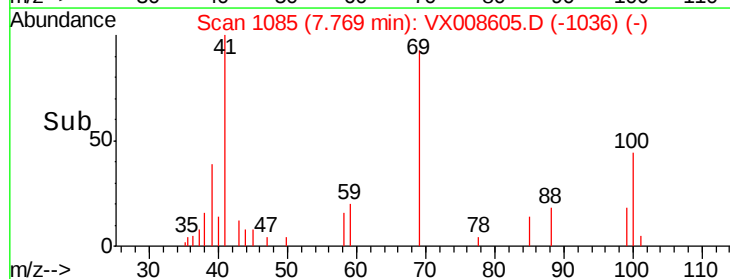
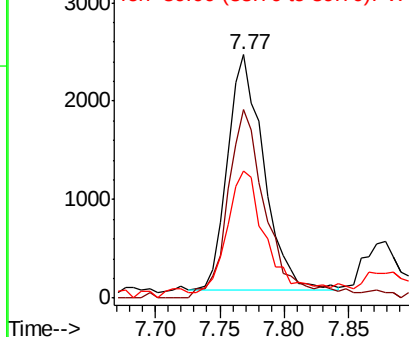
41 100

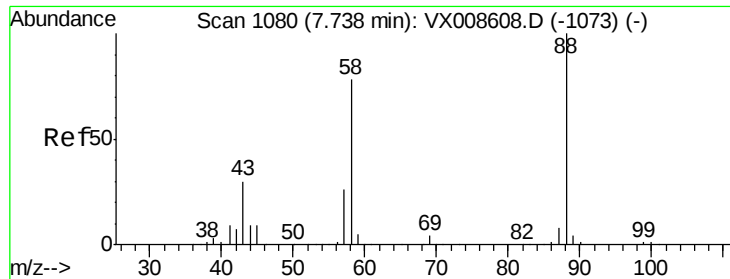
69 85.9 59.0 88.4

39 55.0 41.0 61.4



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

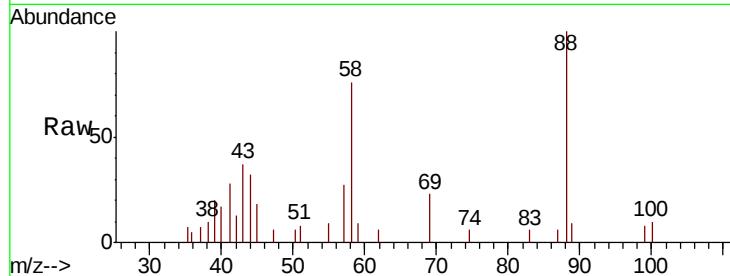




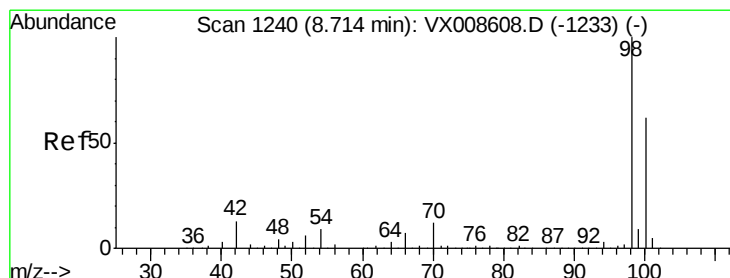
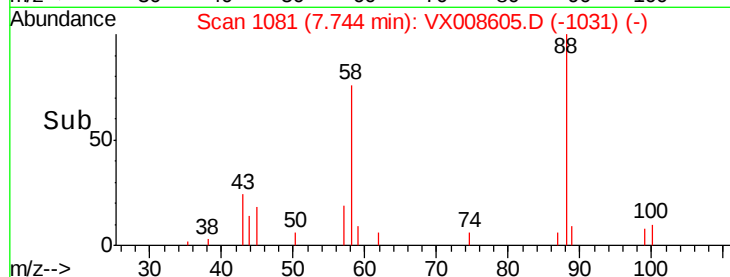
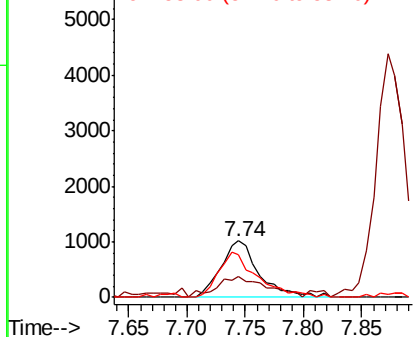
#49
1,4-Dioxane
Concen: 29.420 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 88 Resp: 2277
Ion Ratio Lower Upper
88 100
43 48.3 28.6 43.0#
58 82.0 62.2 93.2

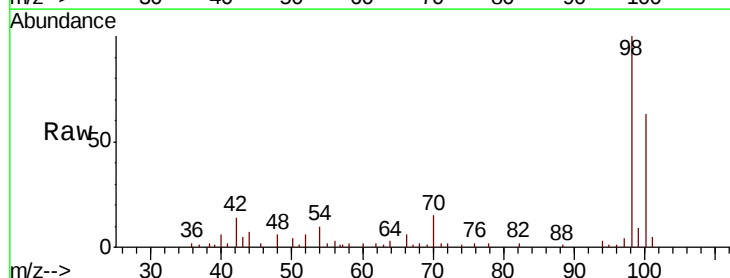


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

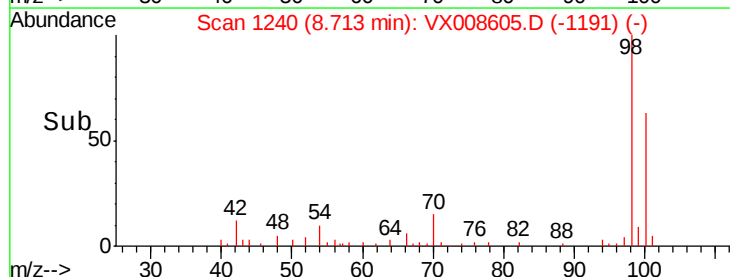
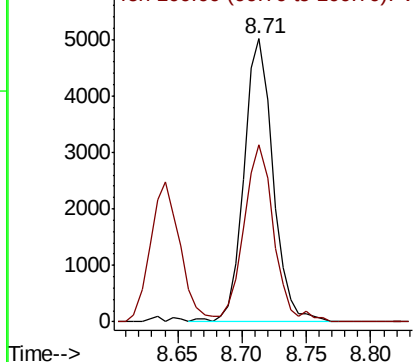


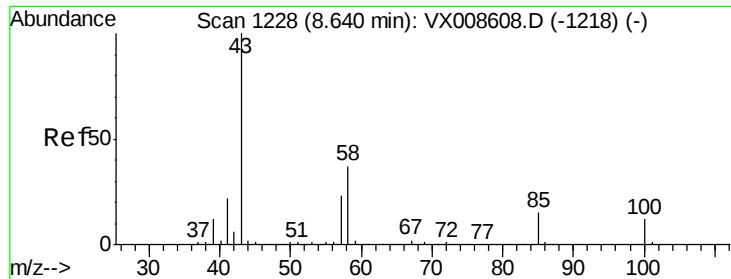
#50
Toluene-d8
Concen: 0.856 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 98 Resp: 7791
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 6.197 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

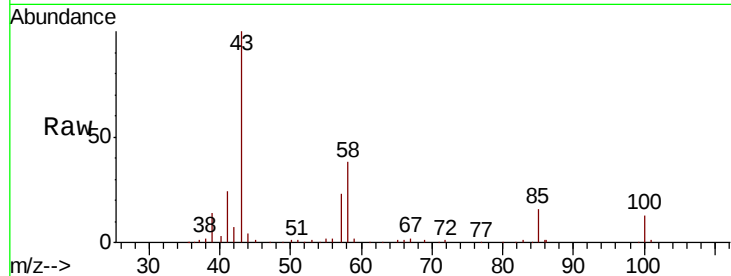
VSTDIC001

Tot Ion: 43 Resp: 32582

Ion Ratio Lower Upper

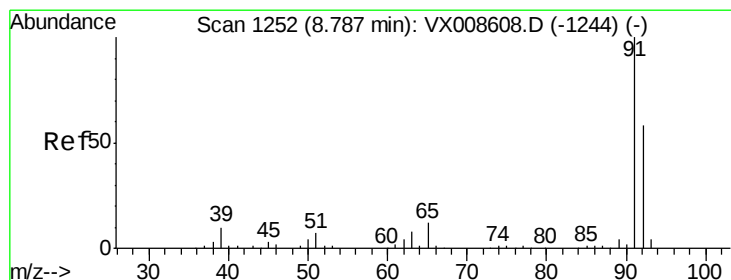
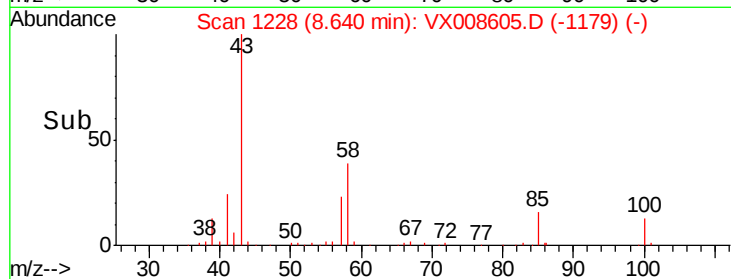
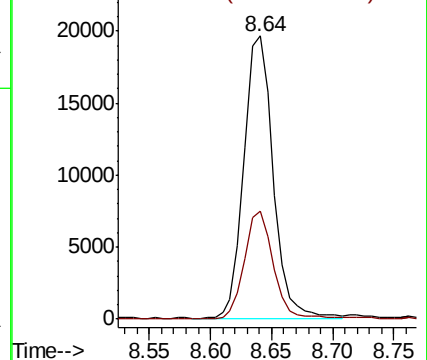
43 100

58 37.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.348 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008605.D

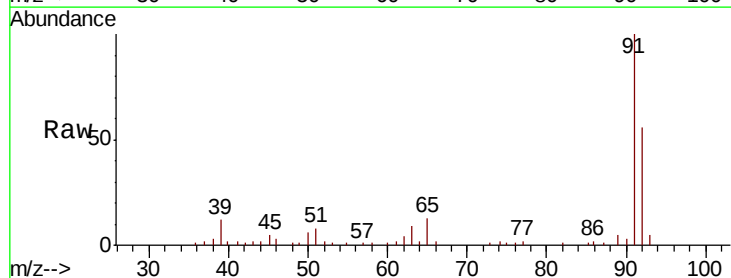
Acq: 03 Apr 2019 09:33

Tgt Ion: 92 Resp: 9251

Ion Ratio Lower Upper

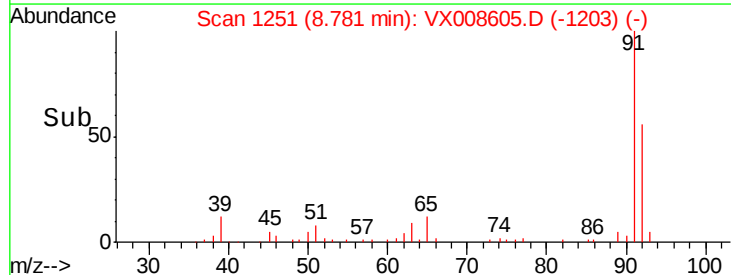
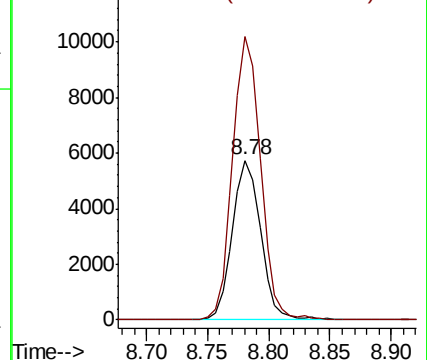
92 100

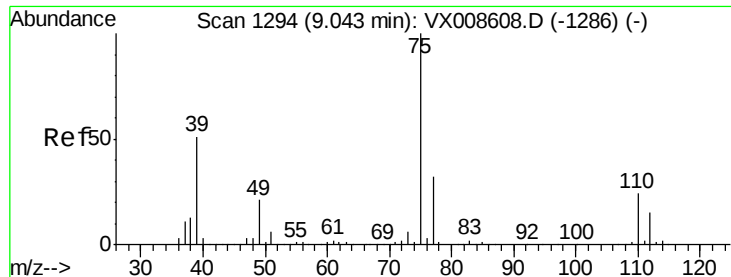
91 174.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

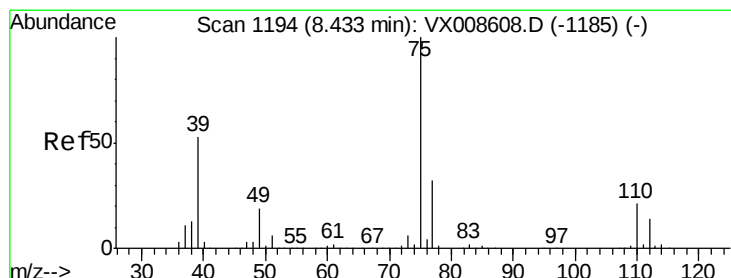
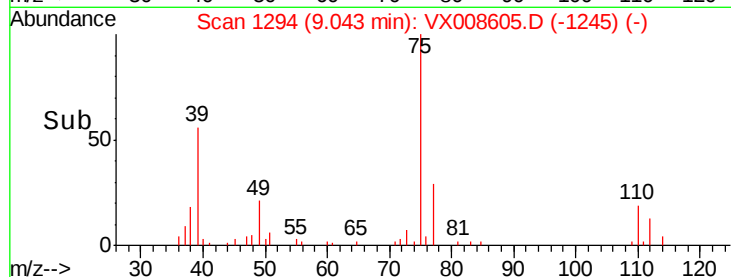
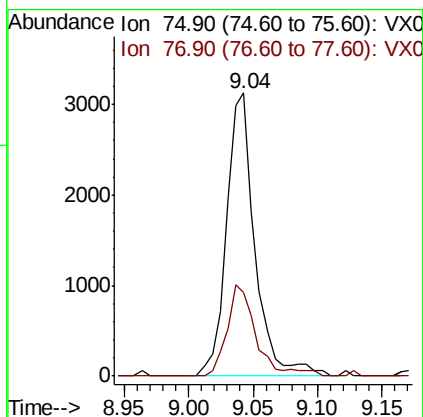
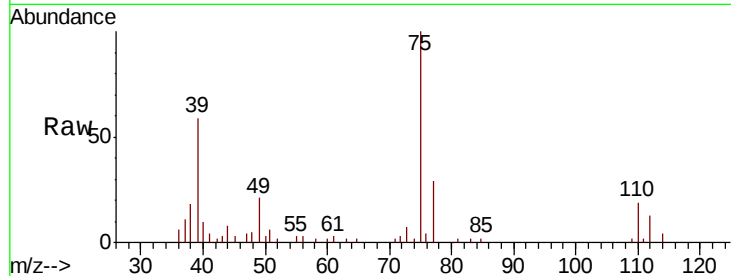




#53
 t-1,3-Dichloropropene
 Concen: 1.187 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

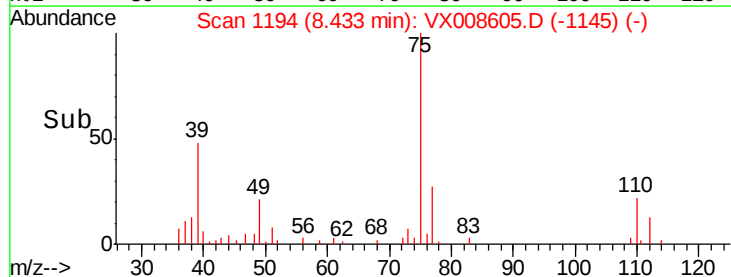
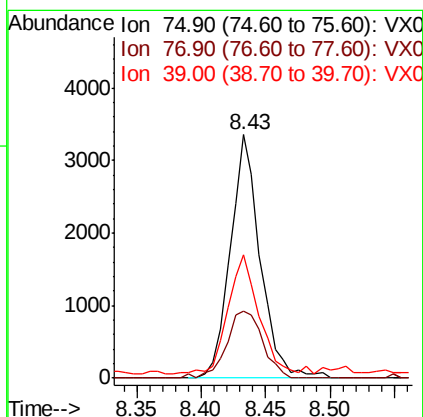
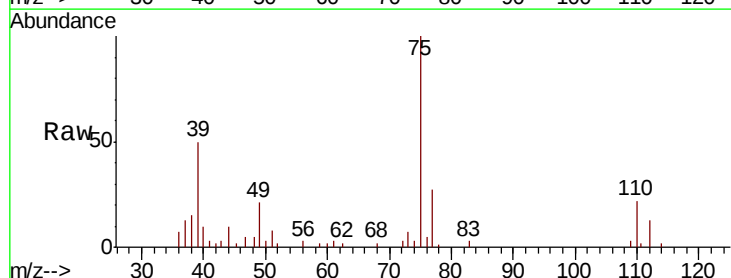
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

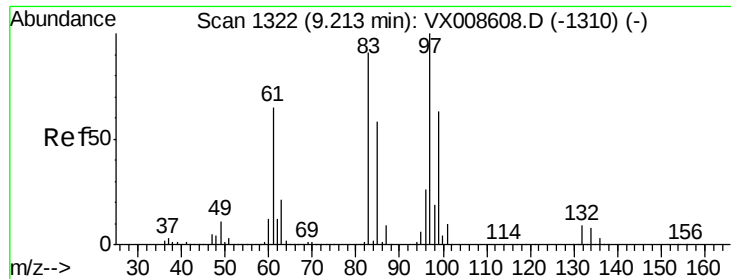
Tot Ion: 75 Resp: 4830
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 1.167 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 75 Resp: 5424
 Ion Ratio Lower Upper
 75 100
 77 27.4 25.3 37.9
 39 48.0 42.6 63.8

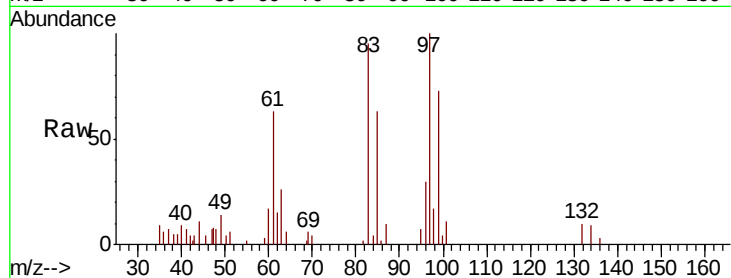




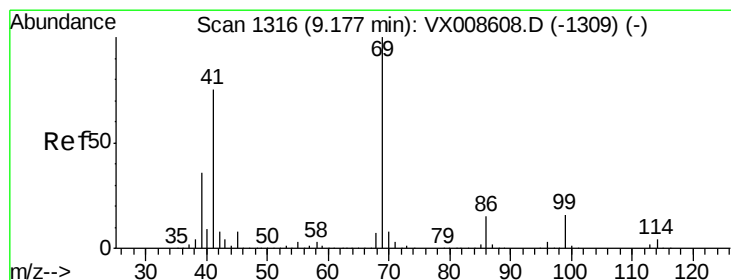
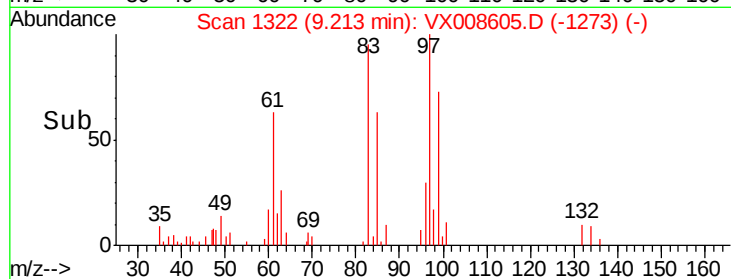
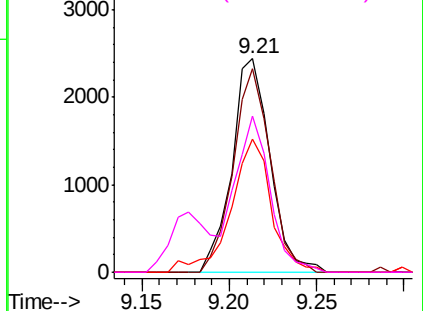
#55
 1,1,2-Trichloroethane
 Concen: 1.351 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 97 Resp: 3721
 Ion Ratio Lower Upper
 97 100
 83 95.0 73.2 109.8
 85 62.6 46.6 69.8
 99 73.0 50.1 75.1

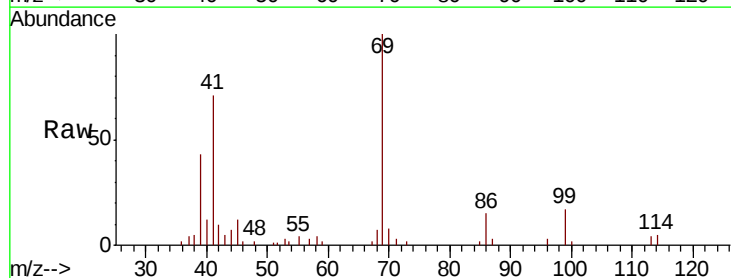


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

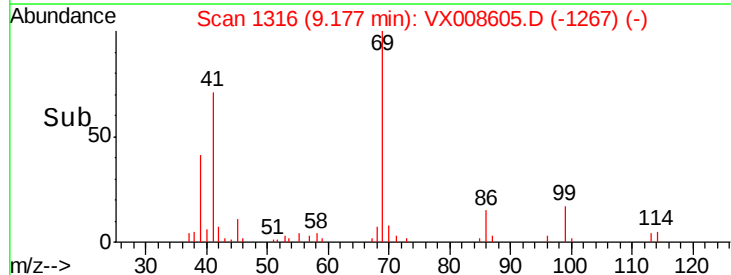
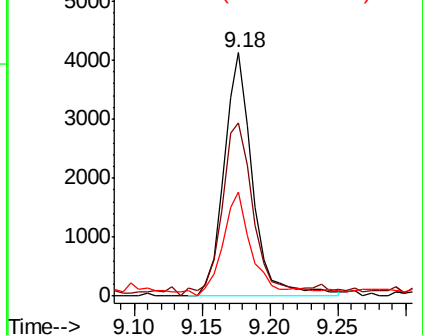


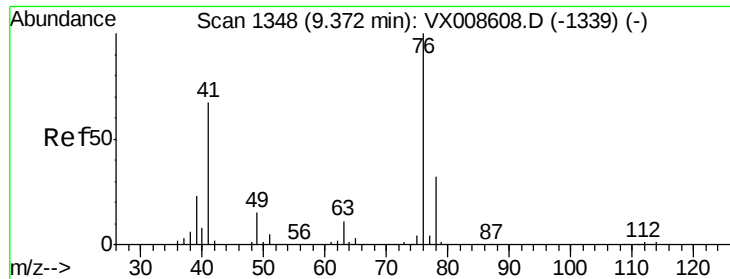
#56
 Ethyl methacrylate
 Concen: 1.203 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 69 Resp: 5993
 Ion Ratio Lower Upper
 69 100
 41 78.3 60.1 90.1
 39 45.4 28.9 43.3#



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

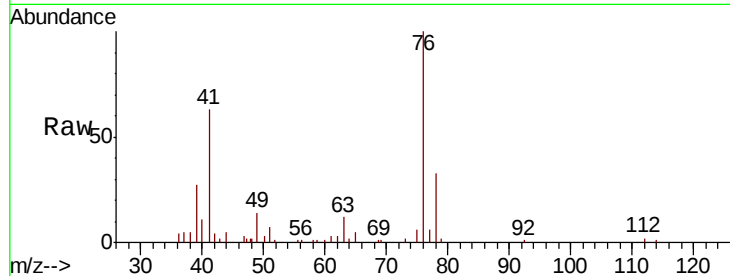




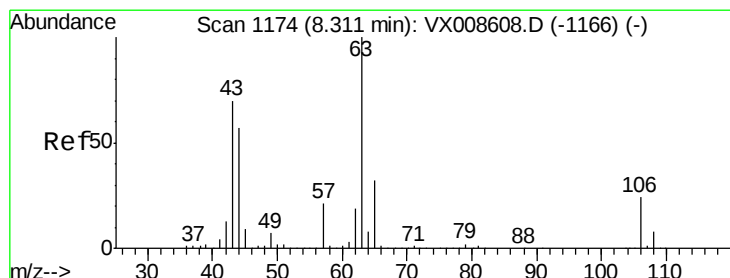
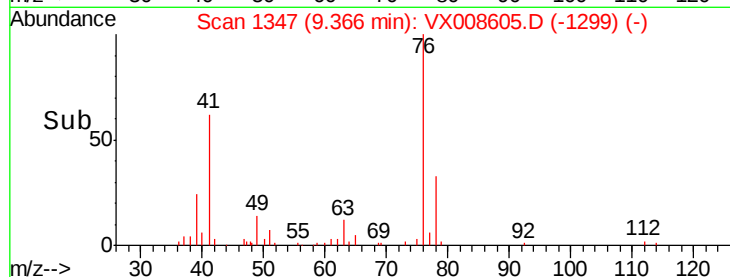
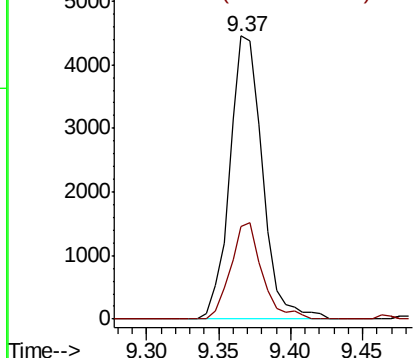
#57
 1,3-Dichloropropane
 Concen: 1.436 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 76 Resp: 7100
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.6 38.4

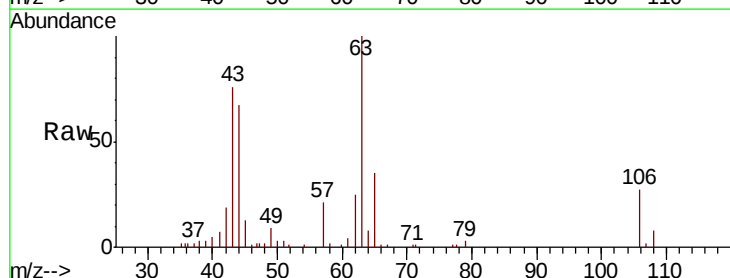


Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

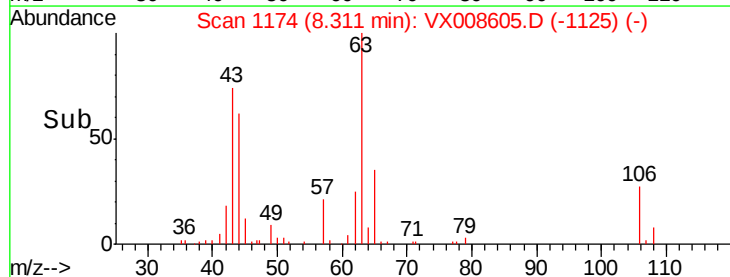
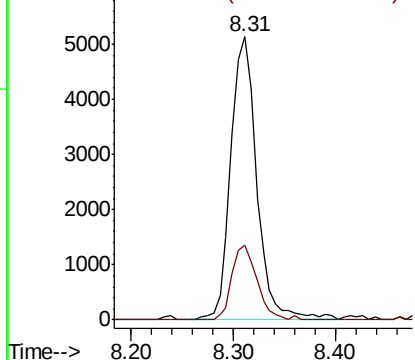


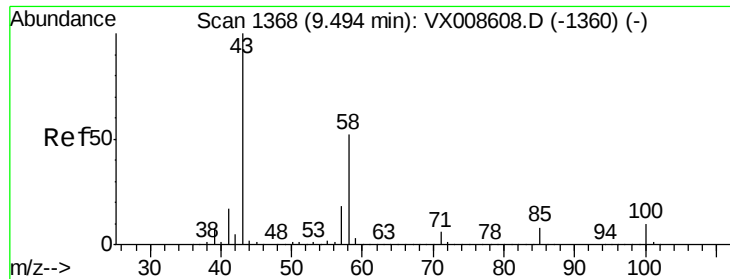
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.564 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 63 Resp: 9067
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 105.90 (105.60 to 106.60): V

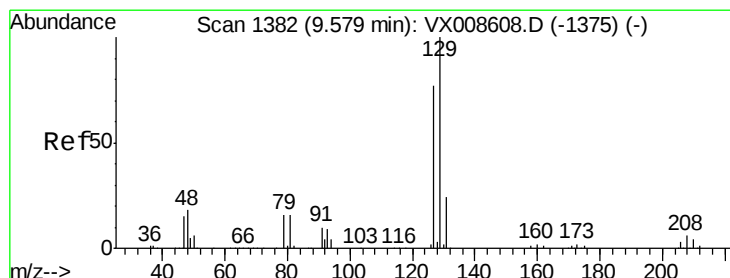
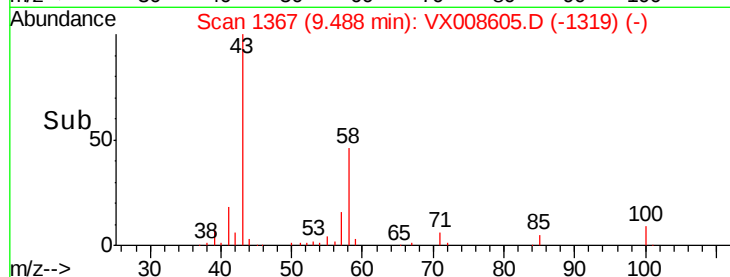
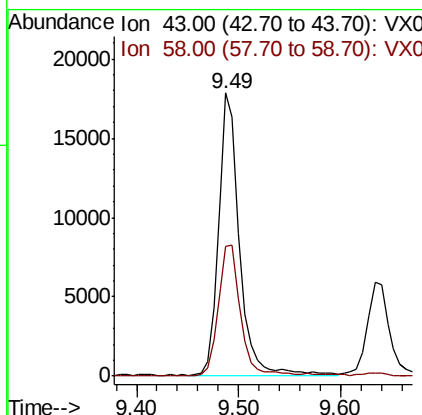
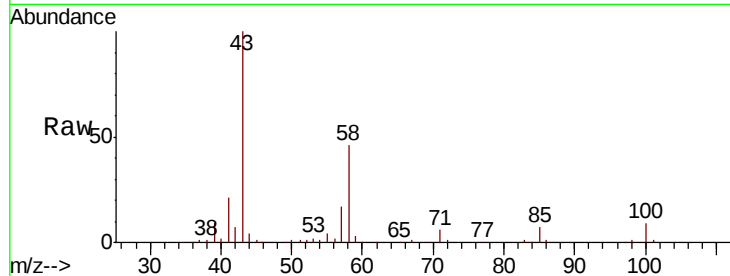




#59
2-Hexanone
Concen: 6.207 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

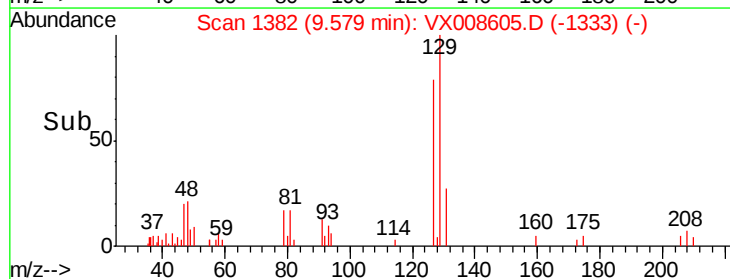
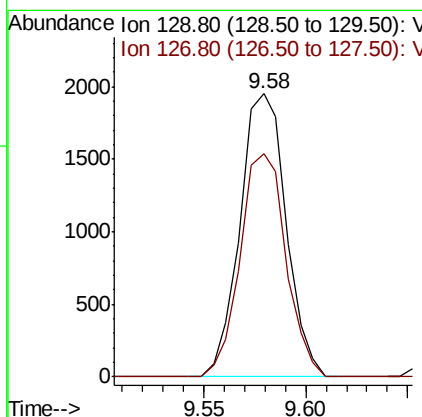
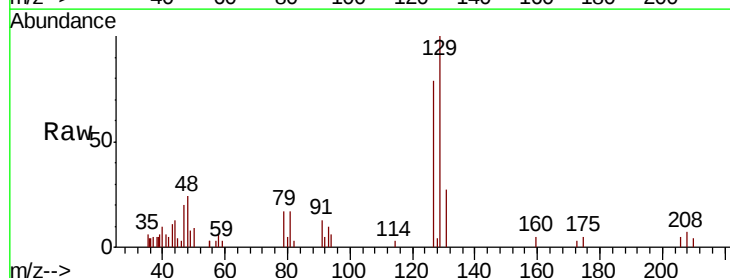
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

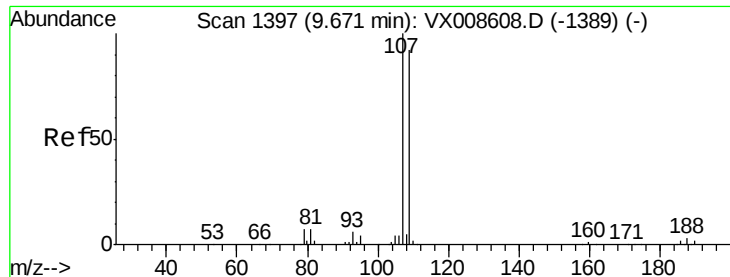
Tot Ion: 43 Resp: 25364
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.7



#60
Dibromochloromethane
Concen: 1.181 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 129 Resp: 3065
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.3

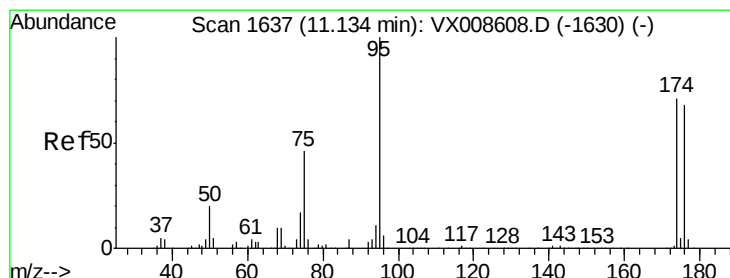
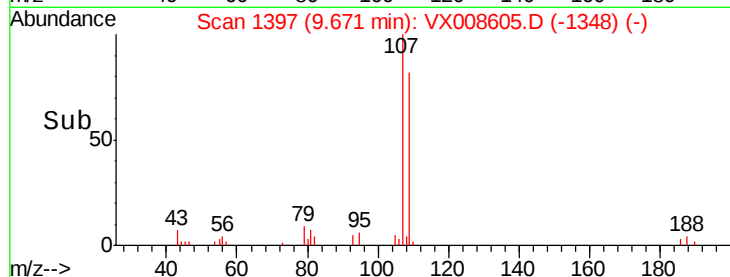
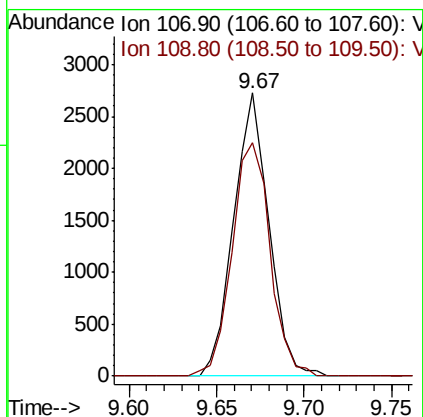
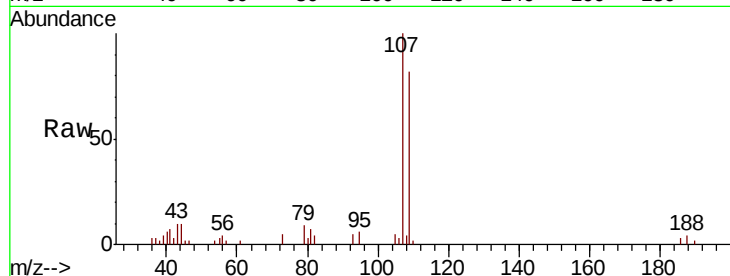




#61
 1,2-Dibromoethane
 Concen: 1.331 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

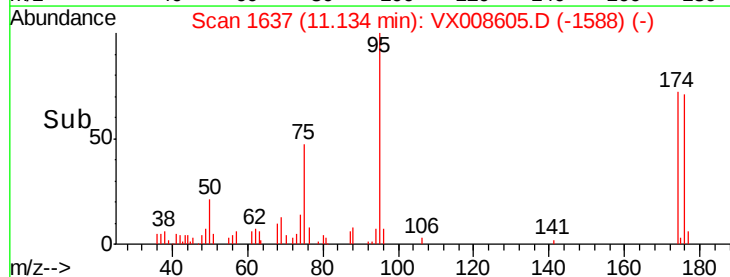
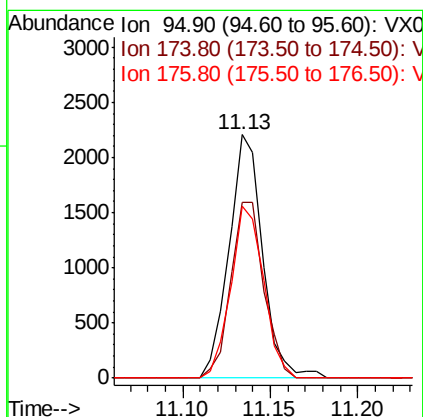
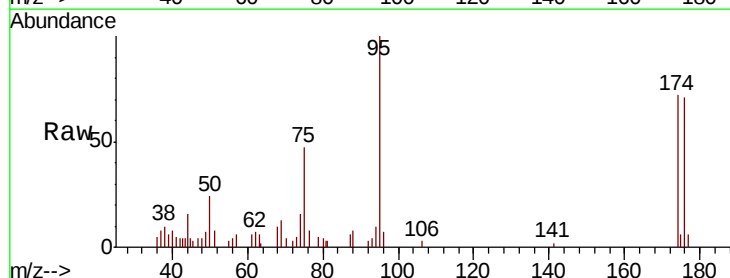
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

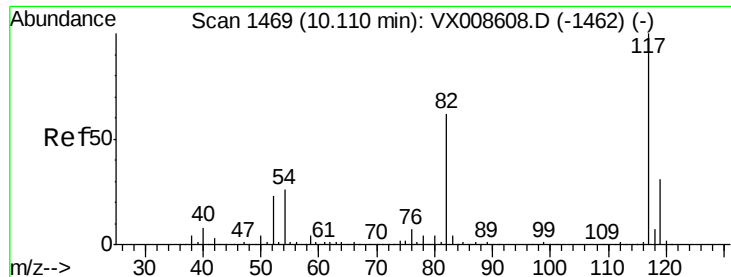
Tot Ion:107 Resp: 3817
 Ion Ratio Lower Upper
 107 100
 109 89.0 74.1 111.1



#62
 4-Bromofluorobenzene
 Concen: 0.913 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 95 Resp: 2944
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 151.8
 176 69.1 0.0 145.8

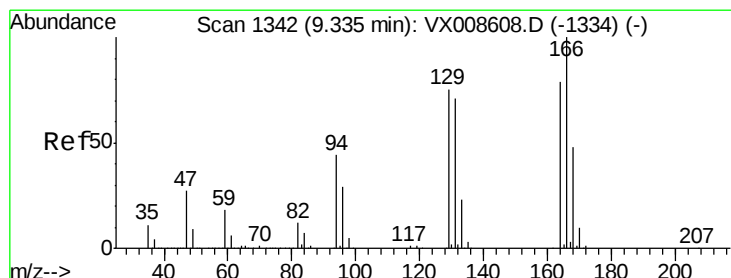
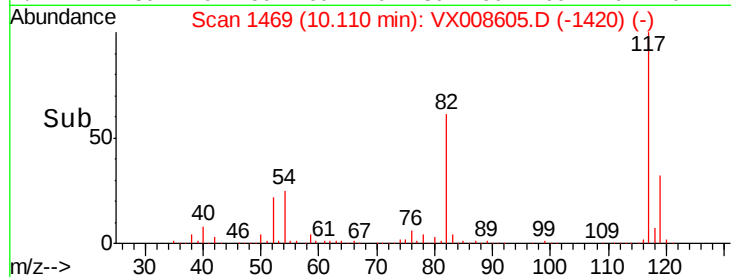
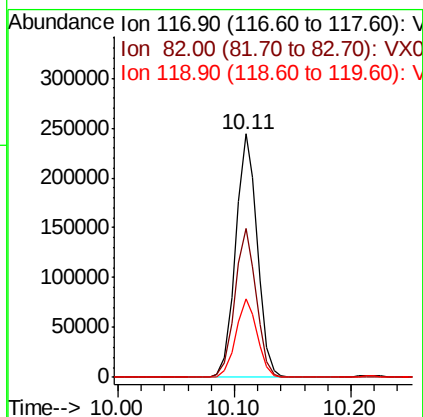
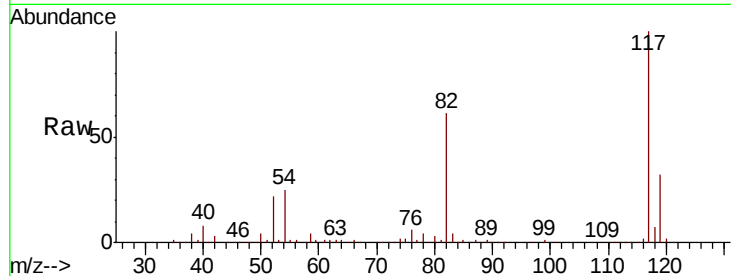




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

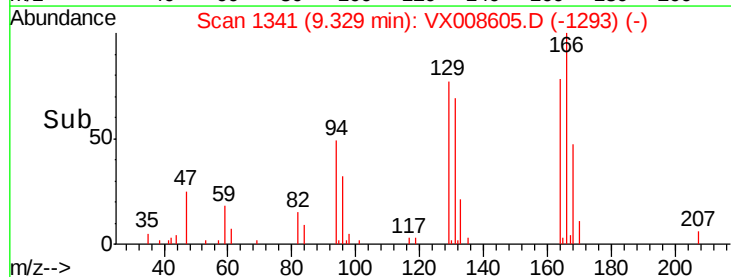
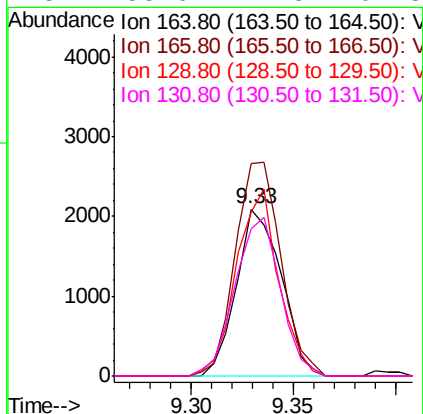
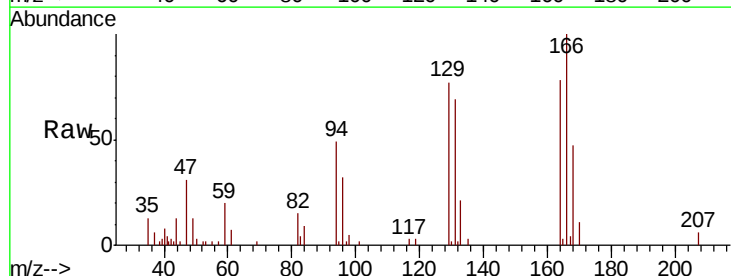
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

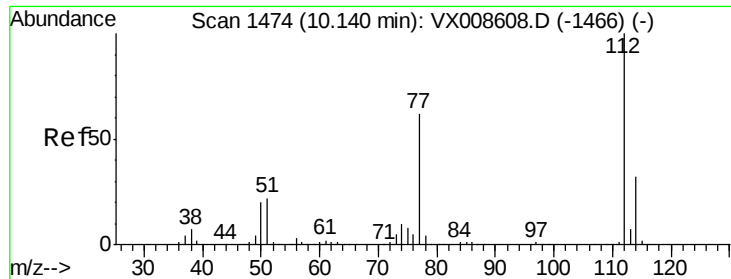
Tot Ion:117 Resp: 315264
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 1.370 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion:164 Resp: 3199
Ion Ratio Lower Upper
164 100
166 127.7 101.0 151.6
129 98.6 75.8 113.8
131 88.6 71.8 107.8





#65

Chlorobenzene

Concen: 1.319 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

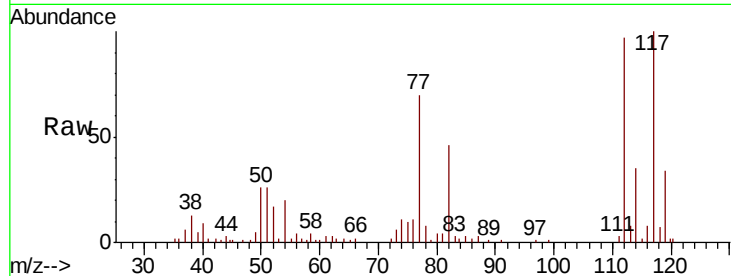
VSTDIC001

Tot Ion:112 Resp: 9221

Ion Ratio Lower Upper

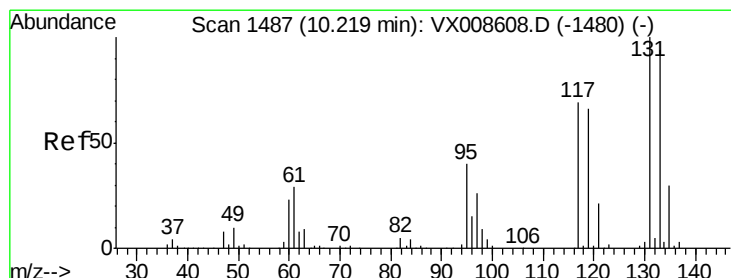
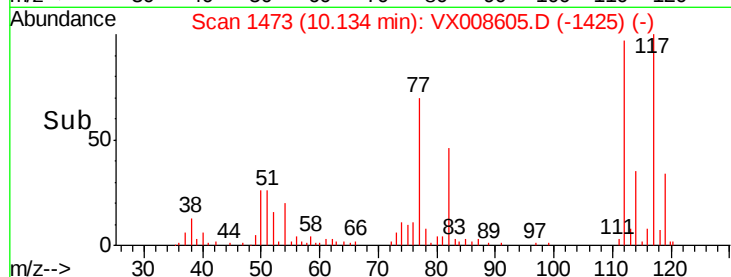
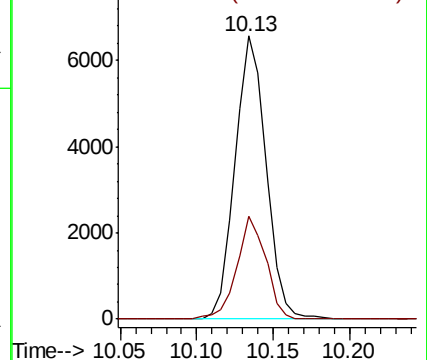
112 100

114 36.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.198 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

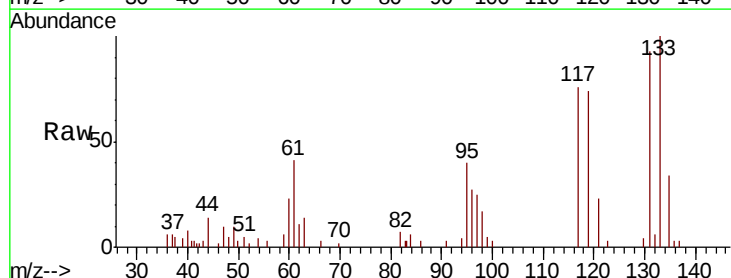
Tgt Ion:131 Resp: 2937

Ion Ratio Lower Upper

131 100

133 104.3 47.0 141.2

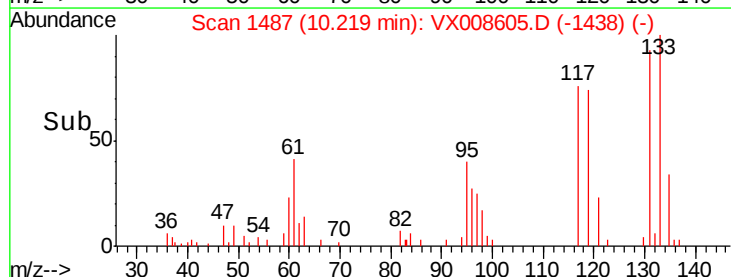
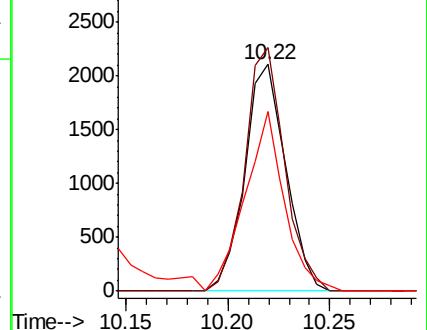
119 0.0 33.7 101.0#

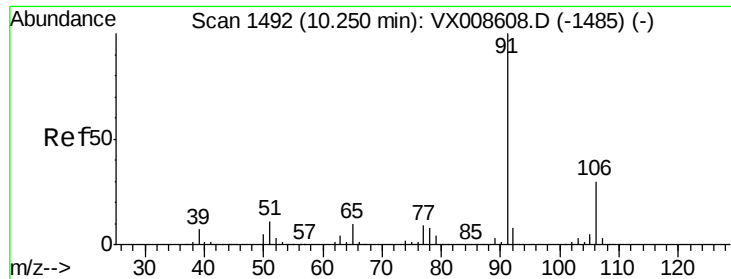


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

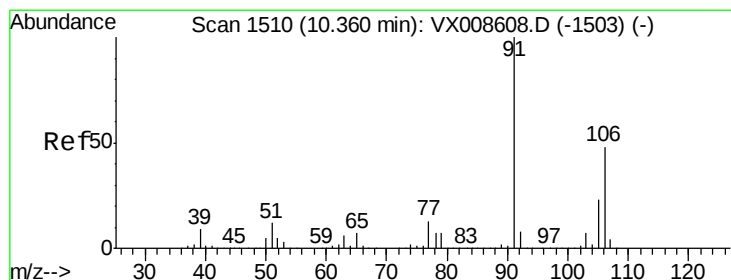
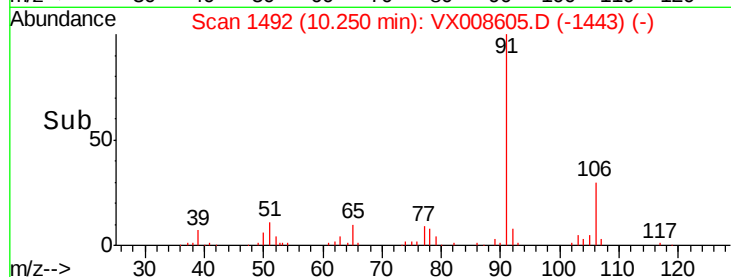
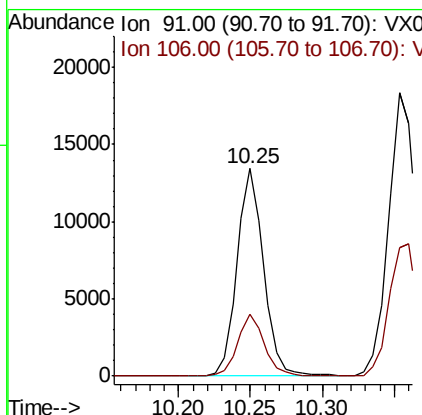
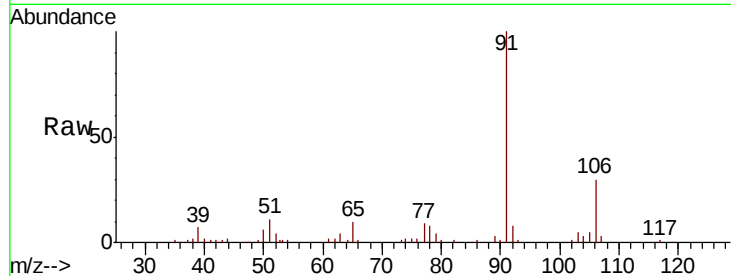




#67
Ethyl Benzene
Concen: 1.328 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

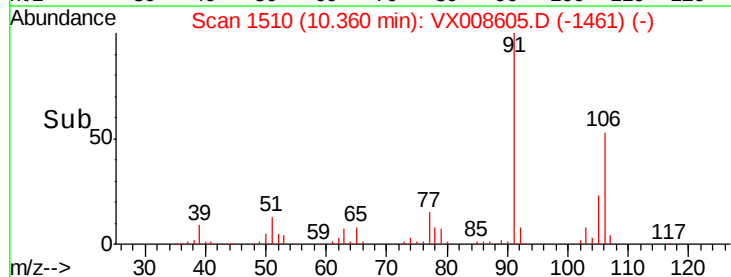
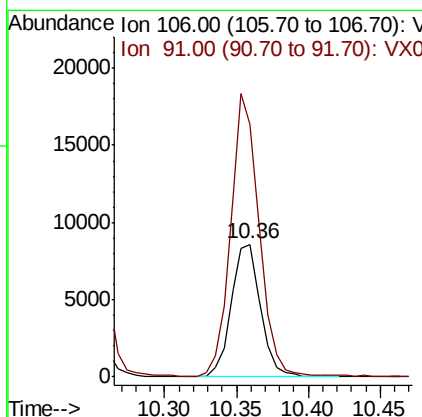
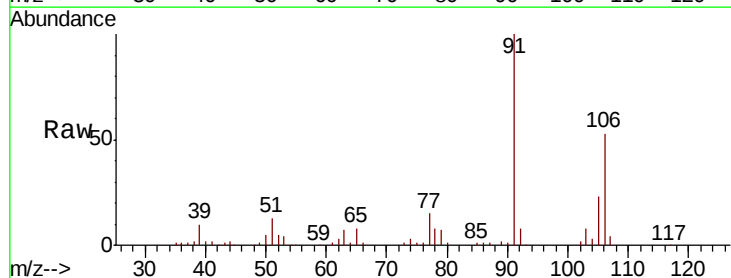
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

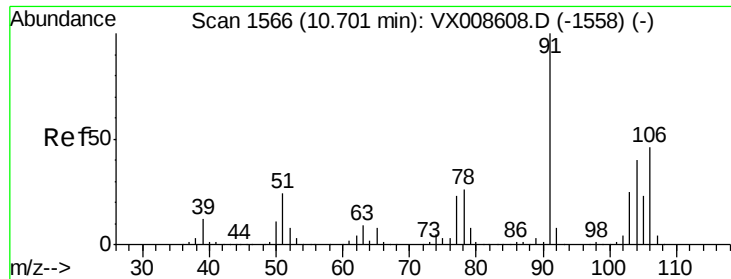
Tot Ion: 91 Resp: 17311
Ion Ratio Lower Upper
91 100
106 30.1 23.7 35.5



#68
m/p-Xylenes
Concen: 2.620 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 106 Resp: 12274
Ion Ratio Lower Upper
106 100
91 209.0 168.5 252.7

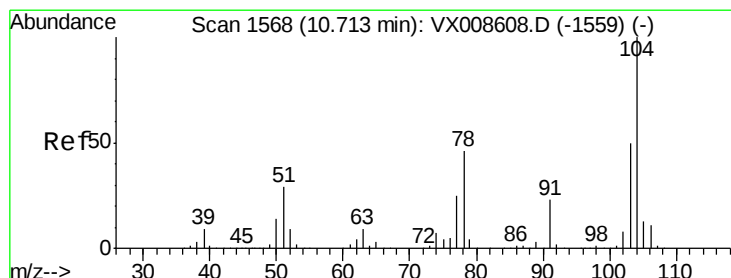
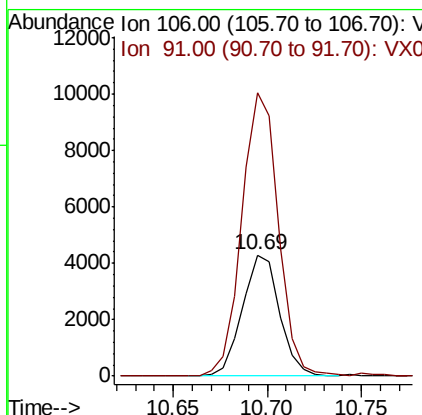
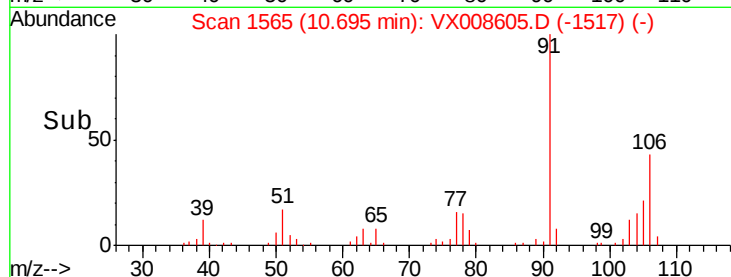
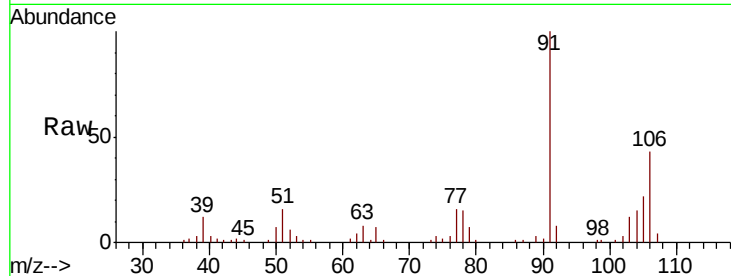




#69
o-Xylene
Concen: 1.301 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

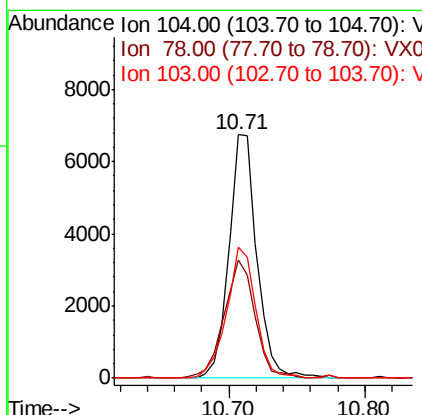
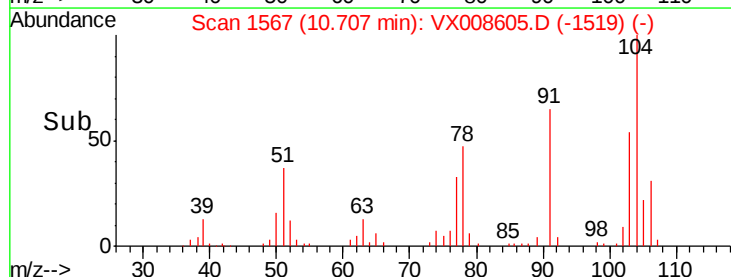
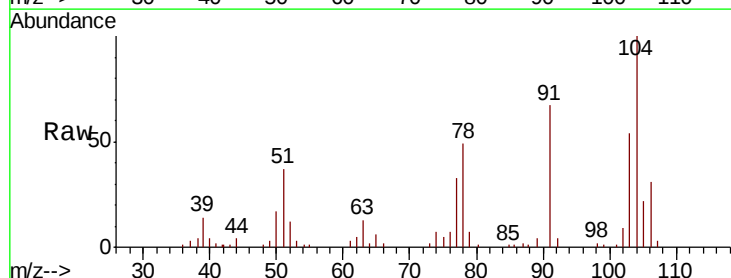
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

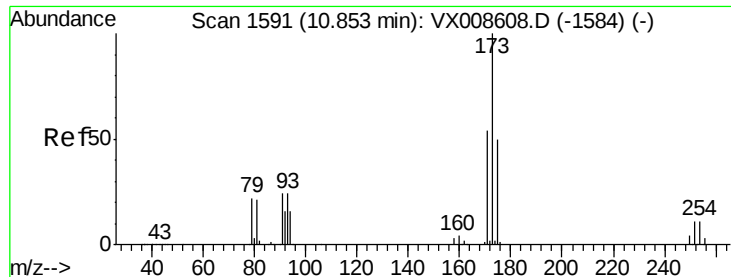
Tot Ion:106 Resp: 5909
Ion Ratio Lower Upper
106 100
91 228.6 111.5 334.4



#70
Styrene
Concen: 1.234 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion:104 Resp: 9661
Ion Ratio Lower Upper
104 100
78 53.4 42.3 63.5
103 55.7 44.4 66.6





#71

Bromoform

Concen: 1.132 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

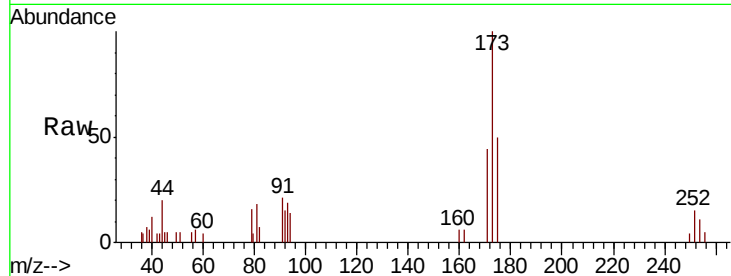
Tot Ion:173 Resp: 2120

Ion Ratio Lower Upper

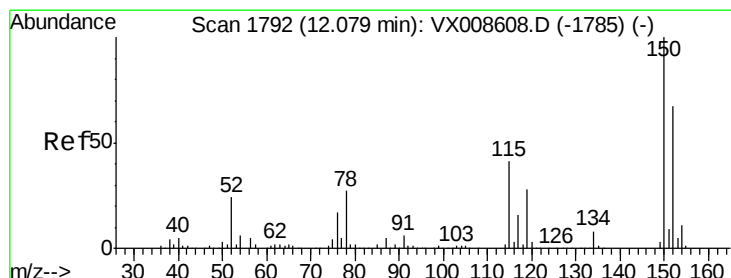
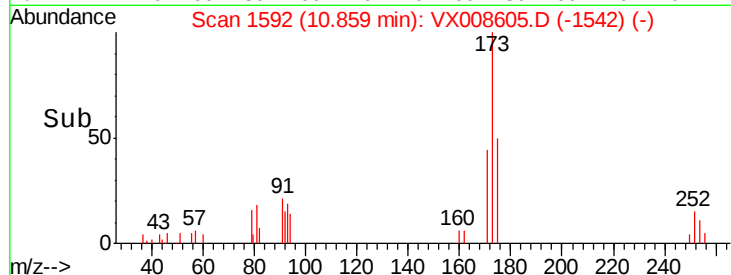
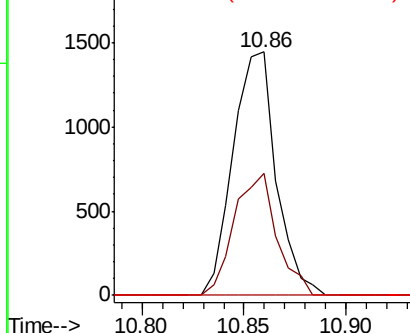
173 100

175 49.3 24.9 74.6

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# 1792

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

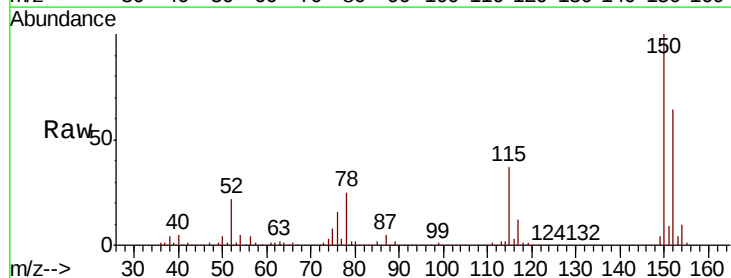
Tgt Ion:152 Resp: 141576

Ion Ratio Lower Upper

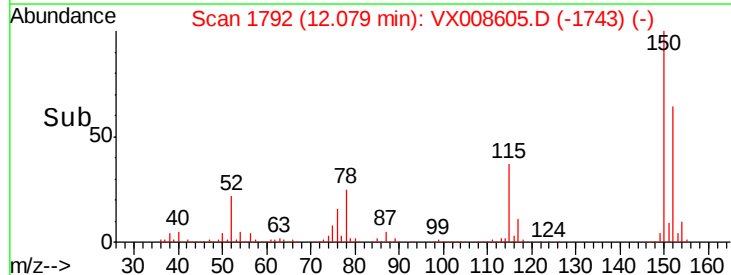
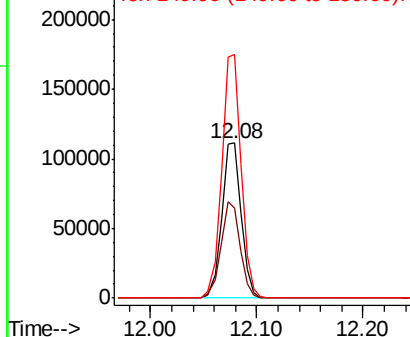
152 100

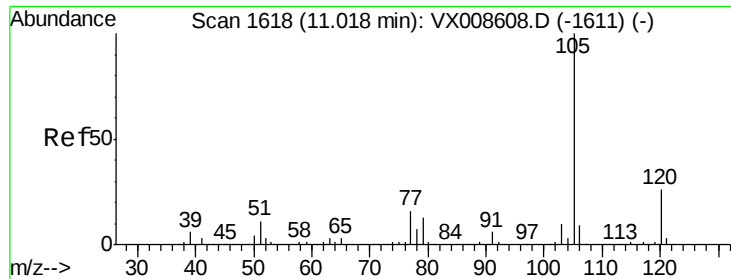
115 61.6 43.5 130.5

150 156.4 0.0 348.8



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

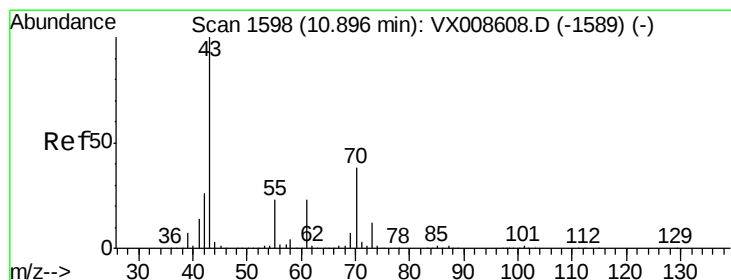
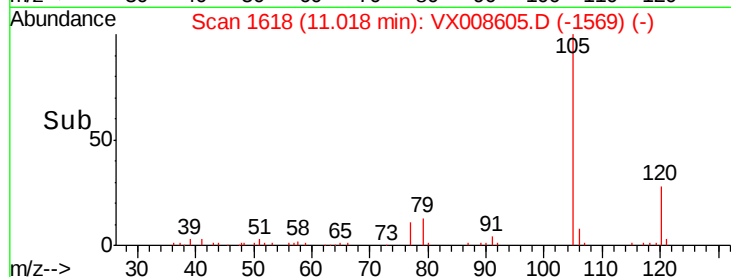
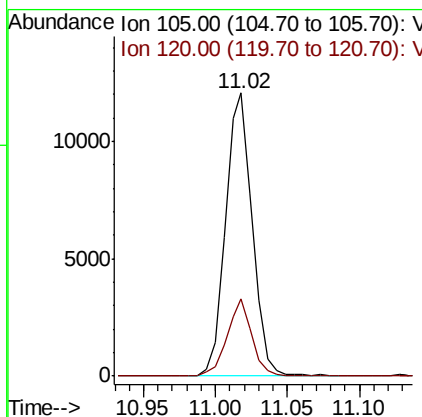
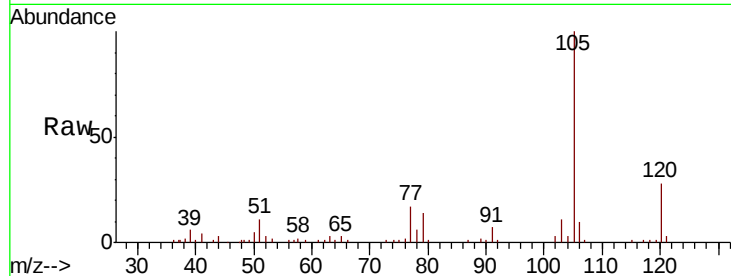




#73
Isopropylbenzene
Concen: 1.340 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

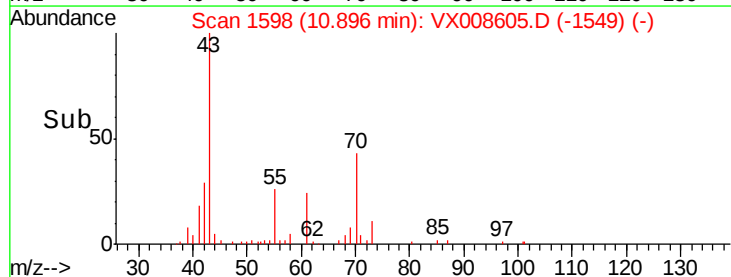
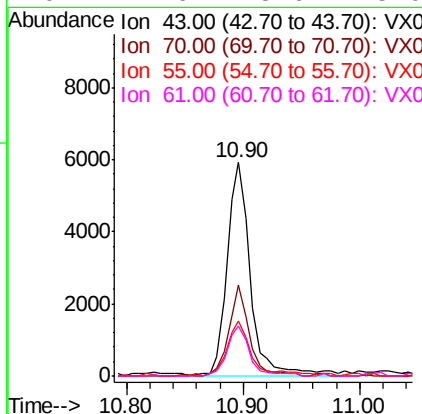
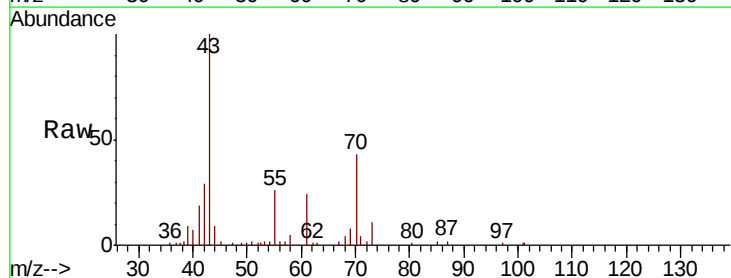
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

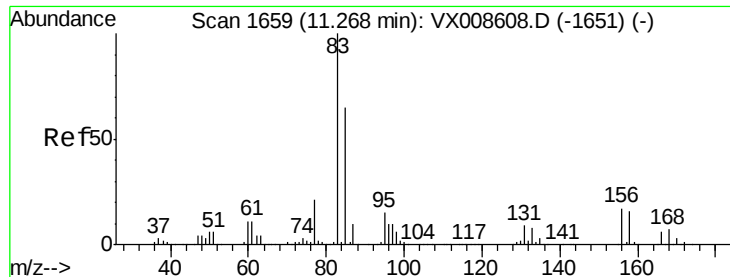
Tot Ion:105 Resp: 15722
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.6



#74
N-ethyl acetate
Concen: 1.201 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 43 Resp: 8287
Ion Ratio Lower Upper
43 100
70 36.3 30.2 45.4
55 27.4 18.2 27.4#
61 22.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.406 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

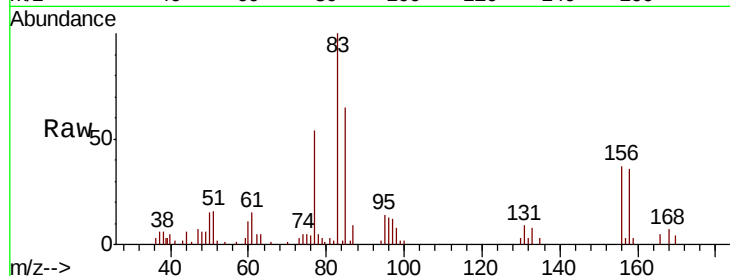
Tot Ion: 83 Resp: 6276

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.7

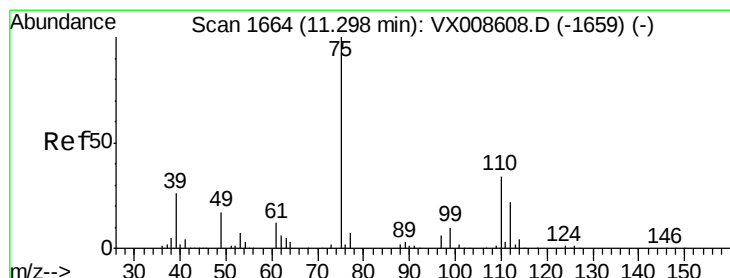
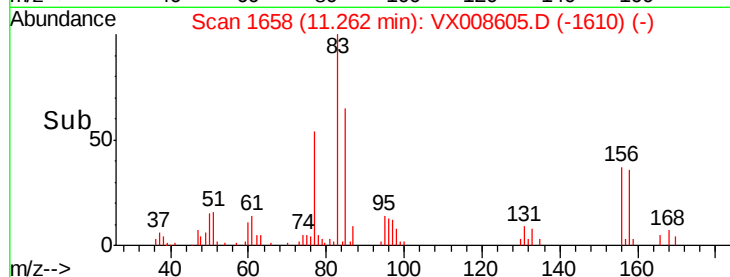
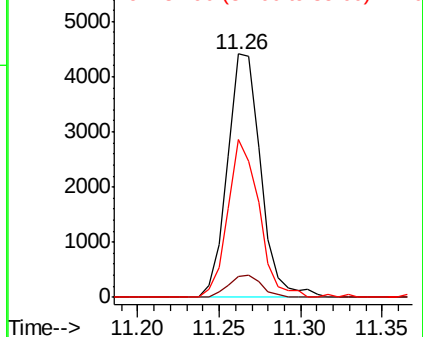
85 60.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.570 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008605.D

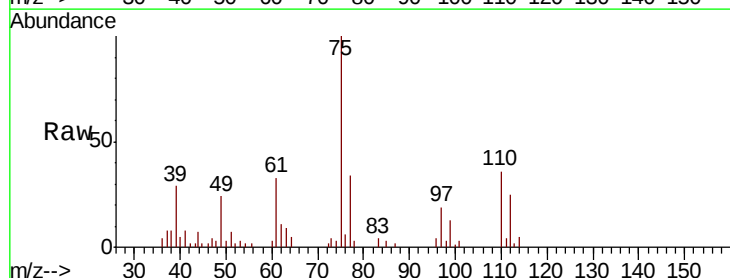
Acq: 03 Apr 2019 09:33

Tgt Ion: 75 Resp: 6571

Ion Ratio Lower Upper

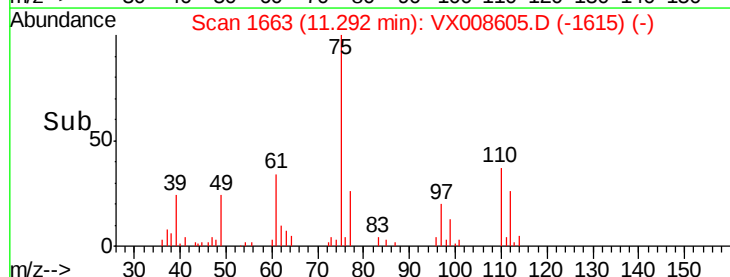
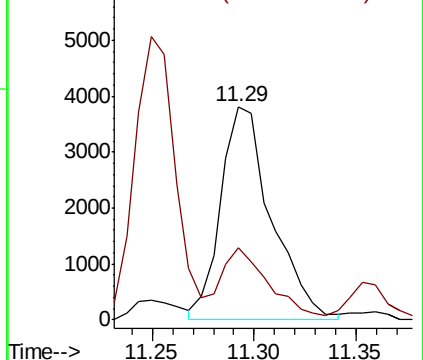
75 100

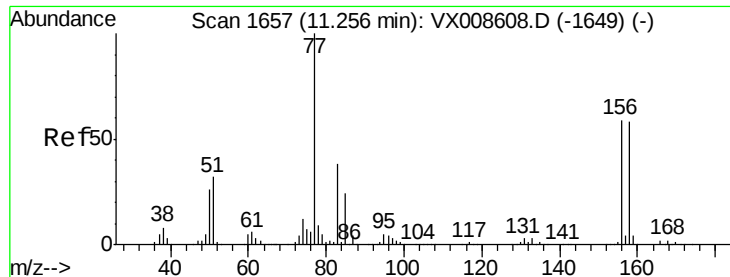
77 32.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.343 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

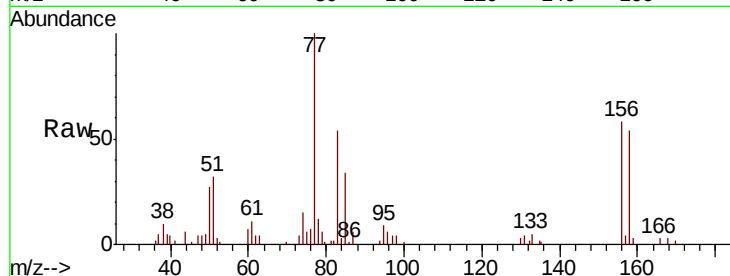
Tot Ion:156 Resp: 3788

Ion Ratio Lower Upper

156 100

77 185.0 89.8 269.6

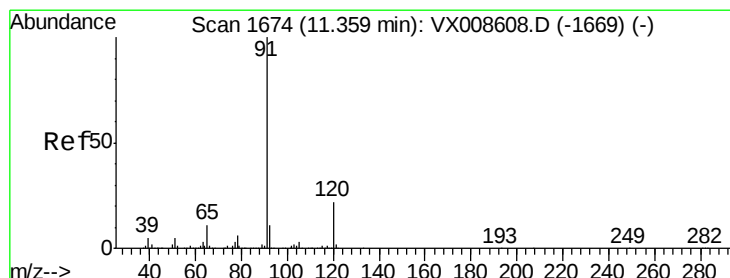
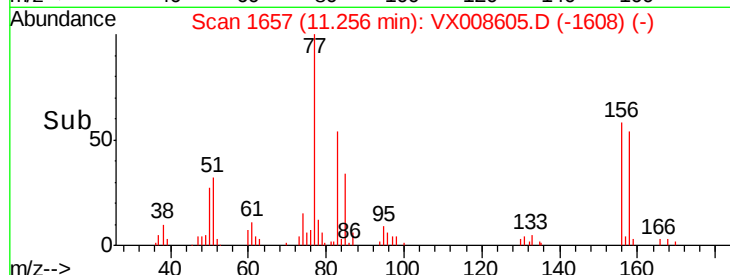
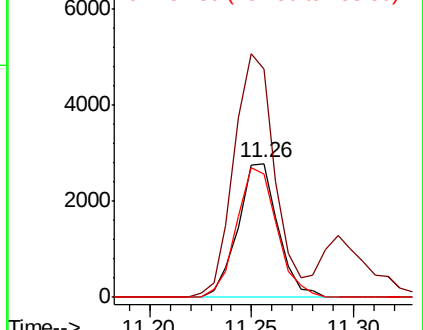
158 97.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.293 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX008605.D

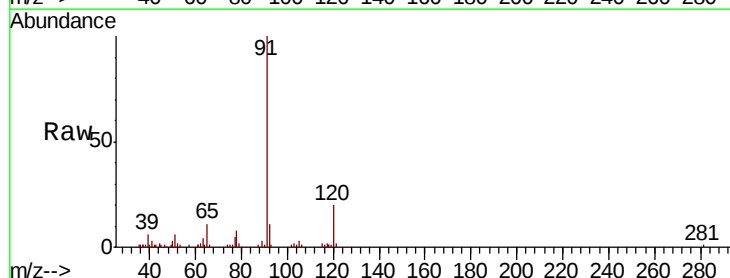
Acq: 03 Apr 2019 09:33

Tgt Ion: 91 Resp: 17661

Ion Ratio Lower Upper

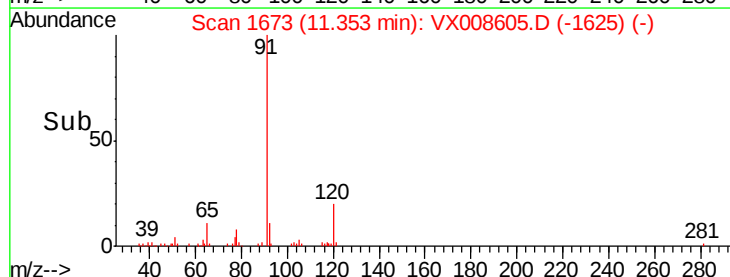
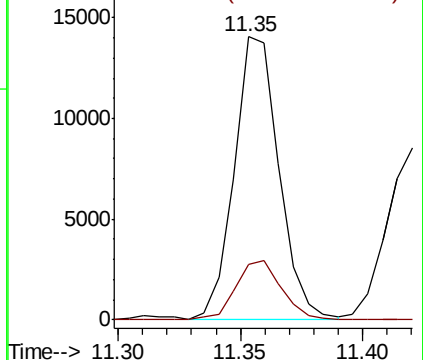
91 100

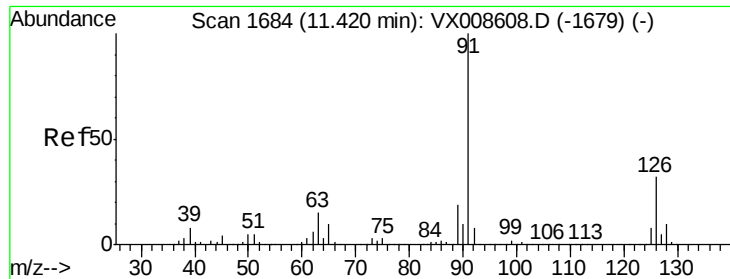
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

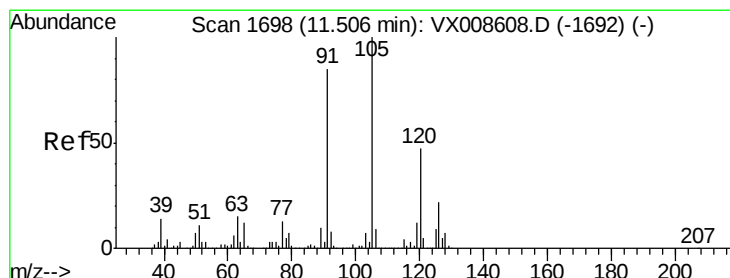
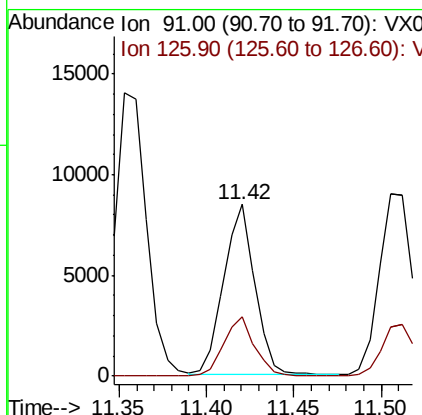
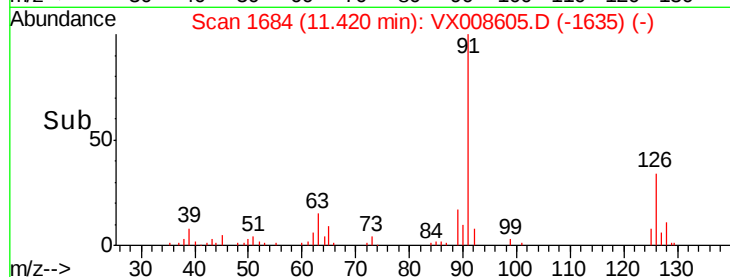
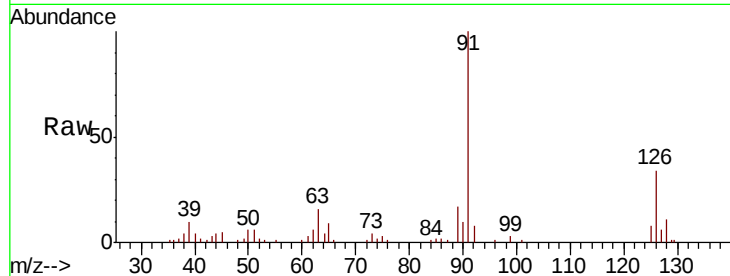




#79
 2-Chlorotoluene
 Concen: 1.278 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

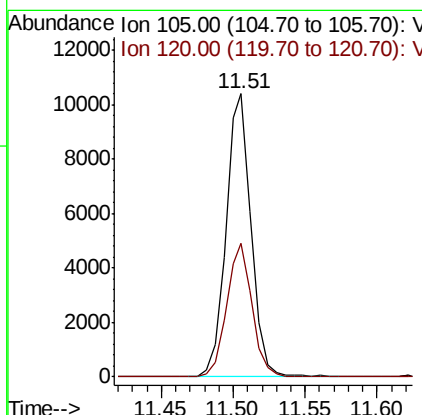
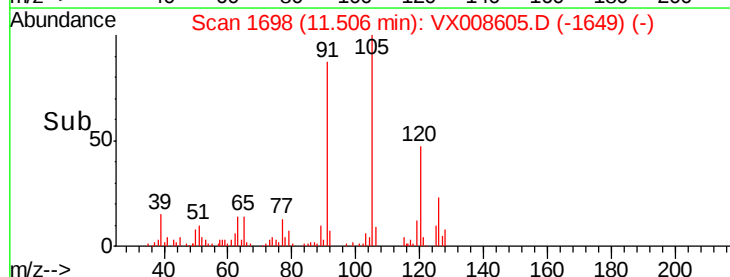
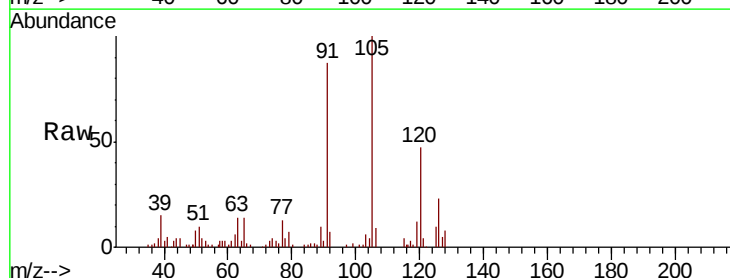
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

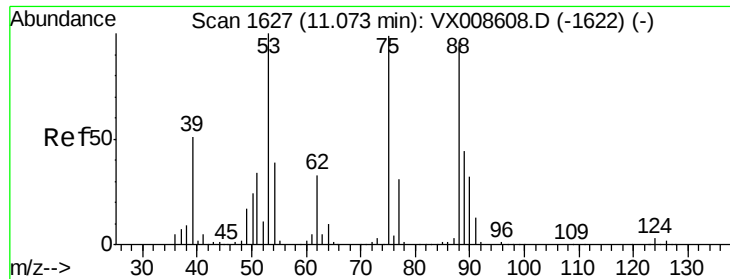
Tot Ion: 91 Resp: 10568
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 1.288 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion:105 Resp: 12690
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 0.995 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

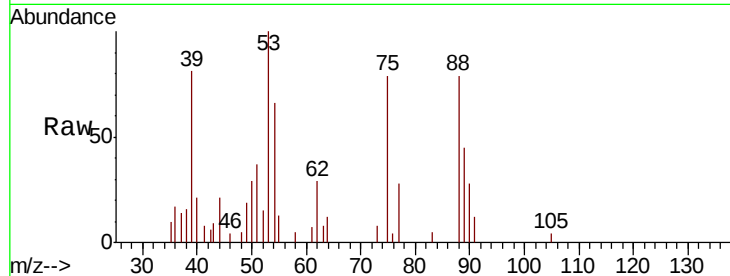
Tot Ion: 75 Resp: 1404

Ion Ratio Lower Upper

75 100

53 143.2 81.3 121.9#

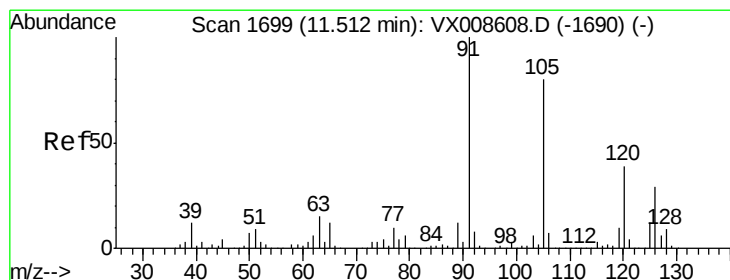
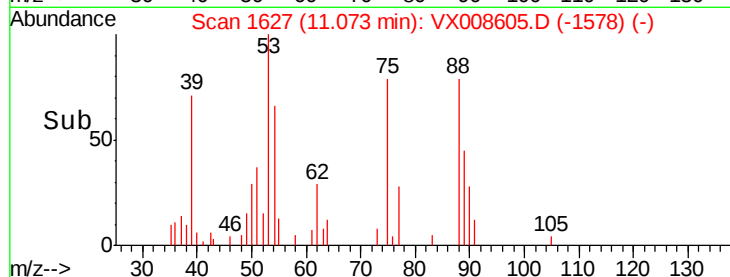
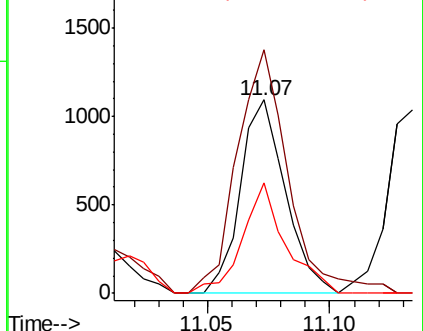
89 54.6 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.253 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008605.D

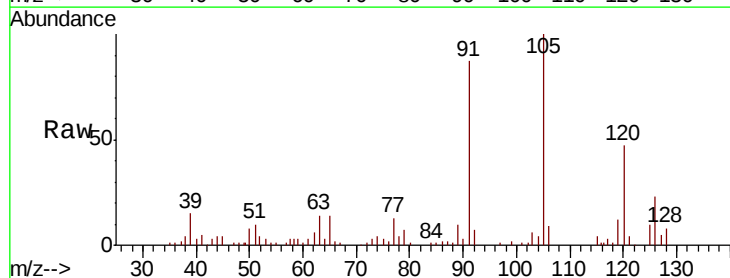
Acq: 03 Apr 2019 09:33

Tgt Ion: 91 Resp: 11990

Ion Ratio Lower Upper

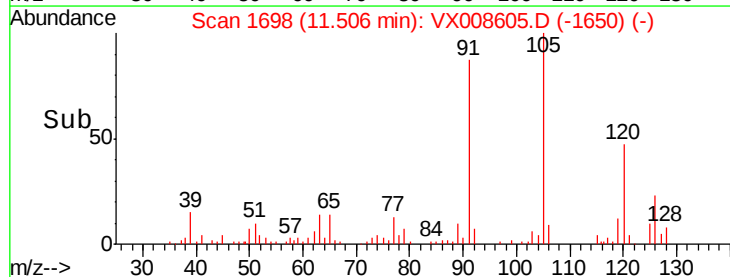
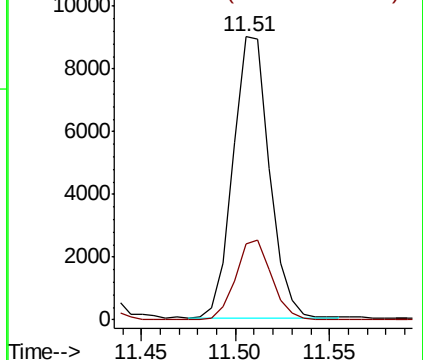
91 100

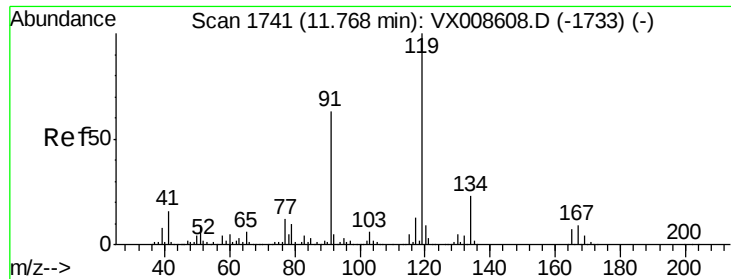
126 27.9 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

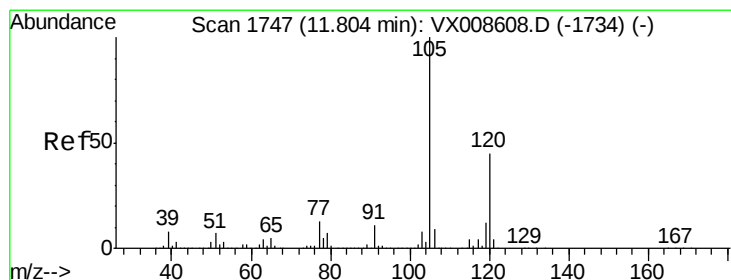
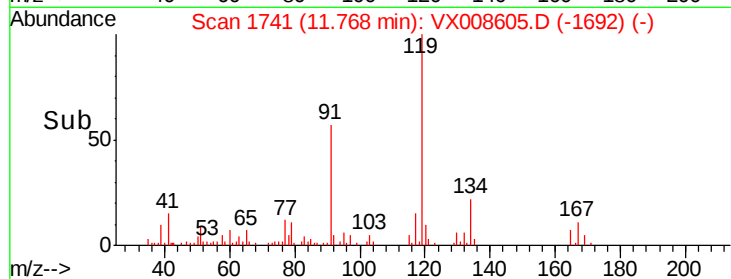
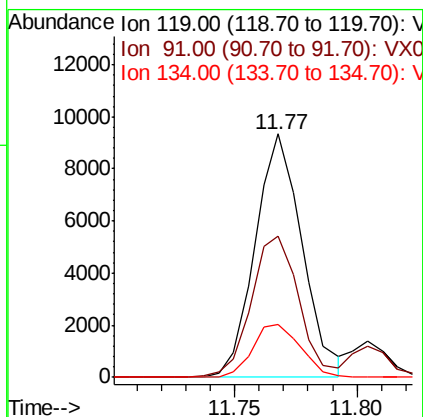
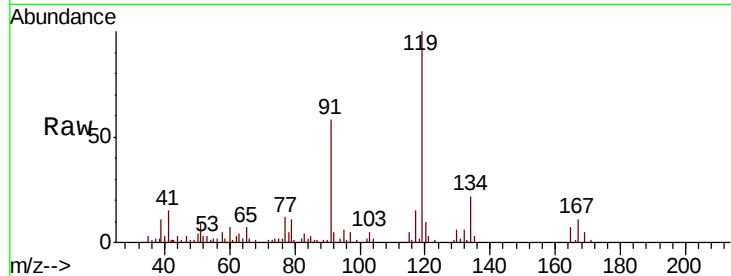




#83
tert-Butylbenzene
Concen: 1.315 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

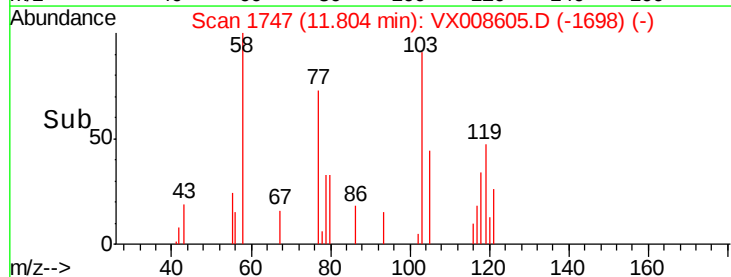
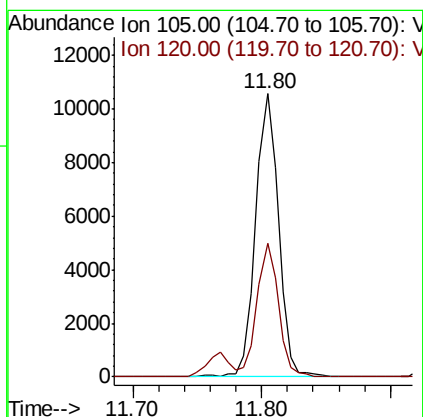
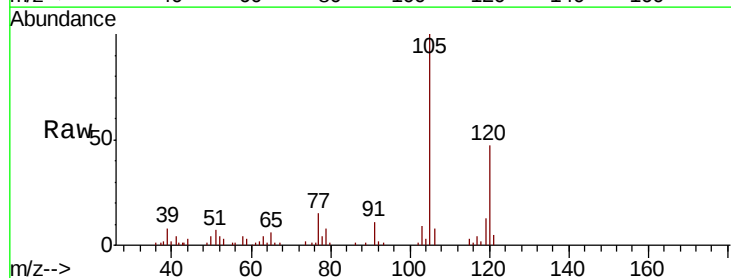
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

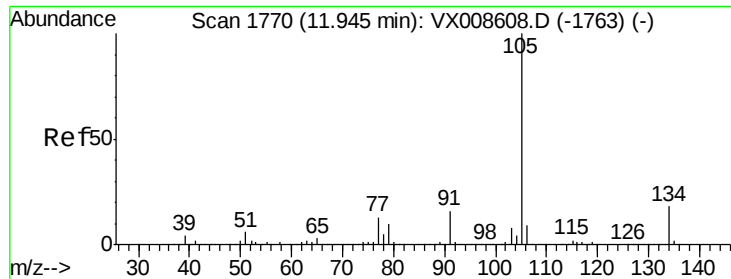
Tot Ion:119 Resp: 12458
Ion Ratio Lower Upper
119 100
91 59.3 30.0 90.1
134 22.2 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 1.284 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion:105 Resp: 12803
Ion Ratio Lower Upper
105 100
120 44.6 21.8 65.3

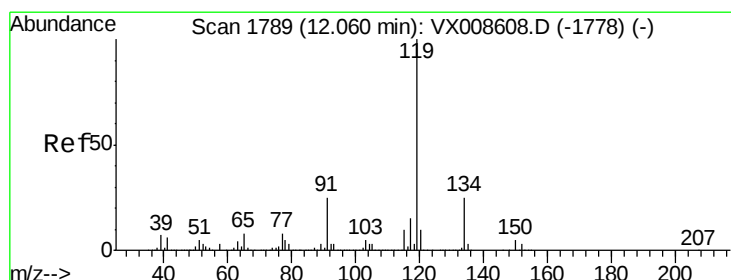
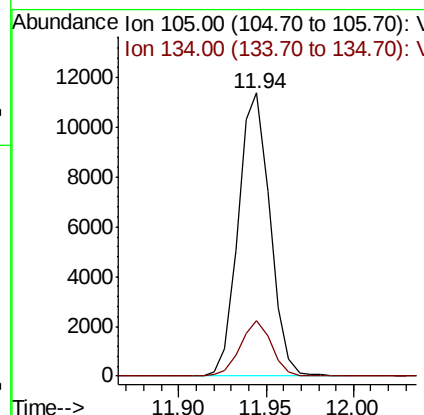
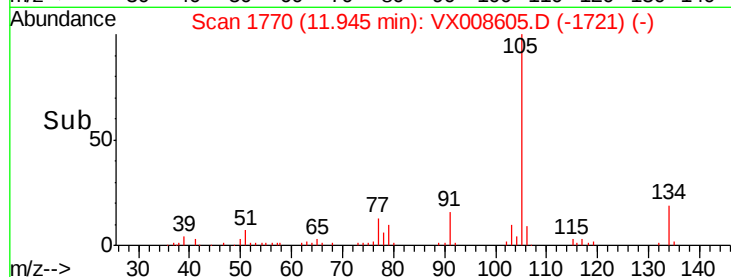
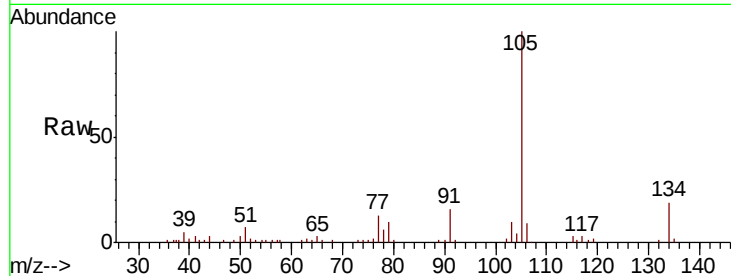




#85
 sec-Butylbenzene
 Concen: 1.274 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

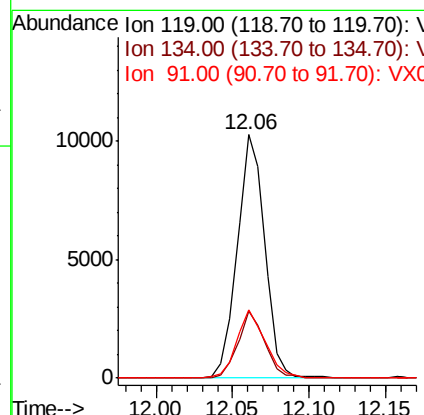
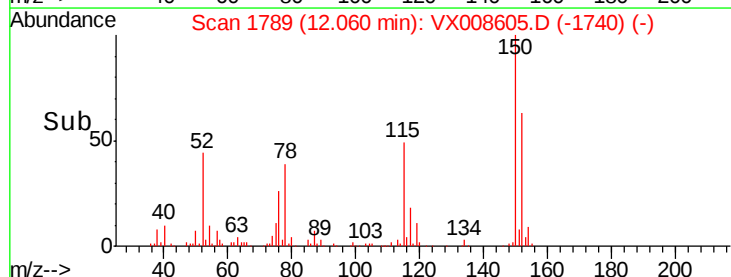
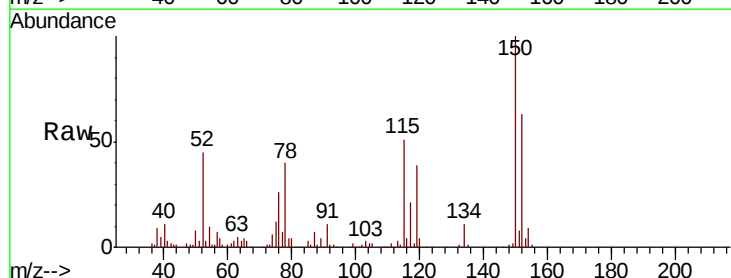
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

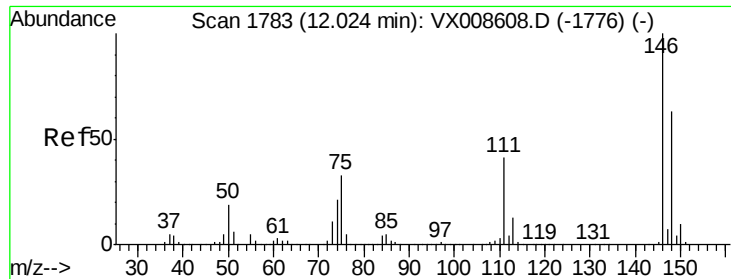
Tot Ion:105 Resp: 14342
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 1.263 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion:119 Resp: 12763
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.8 38.4
 91 29.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 1.372 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

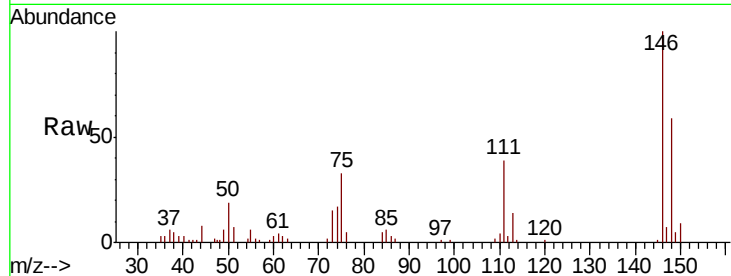
Tot Ion:146 Resp: 6930

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.5

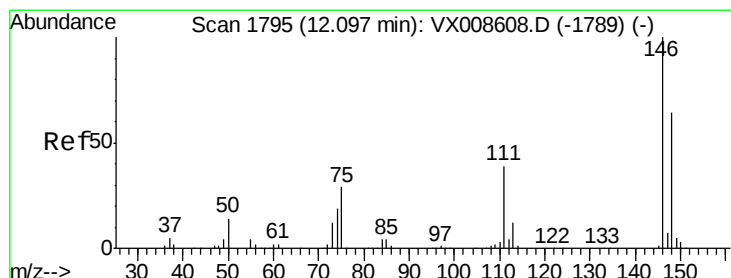
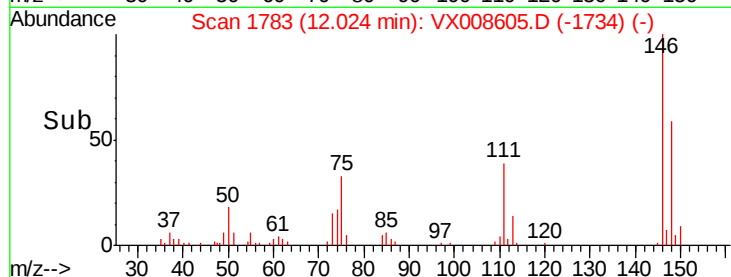
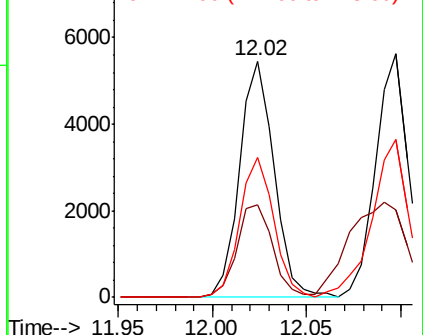
148 58.4 31.6 94.7



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: 1.355 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

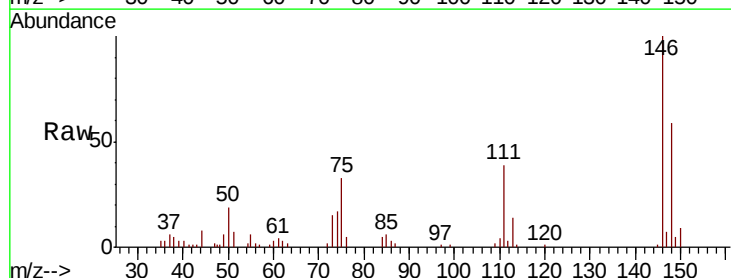
Tgt Ion:146 Resp: 6930

Ion Ratio Lower Upper

146 100

111 41.0 20.2 60.6

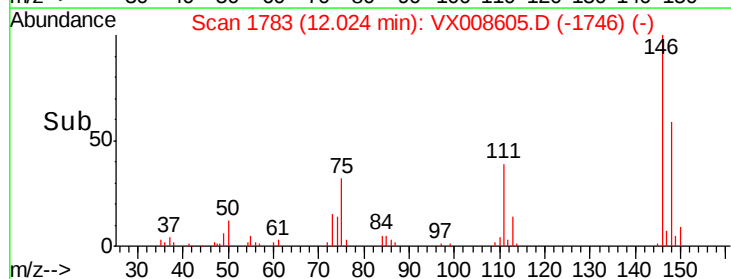
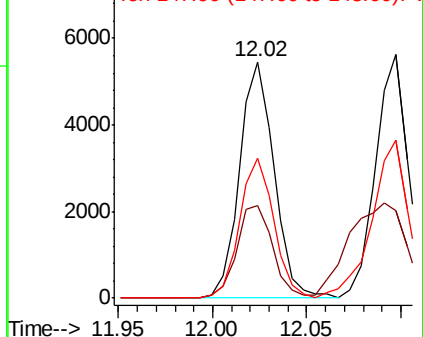
148 58.4 32.0 96.0

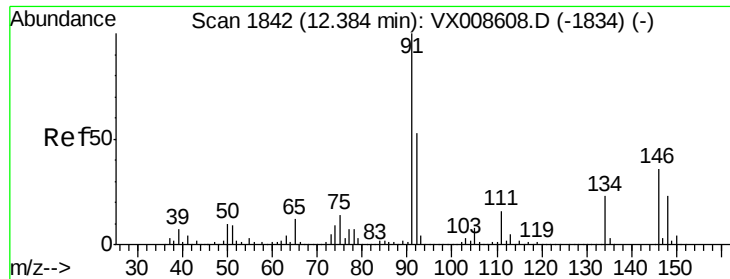


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.182 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

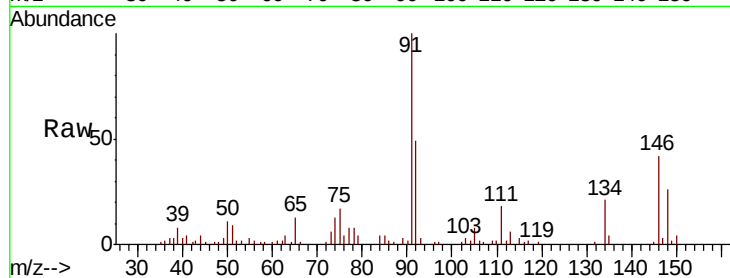
Tot Ion: 91 Resp: 11200

Ion Ratio Lower Upper

91 100

92 54.0 26.4 79.2

134 22.3 12.0 36.0

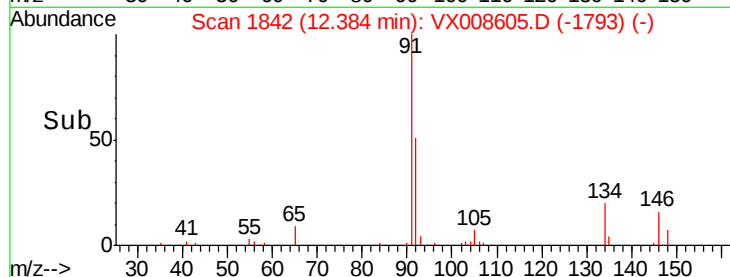


Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008608.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008608.D (-1834) (-)

Time-->

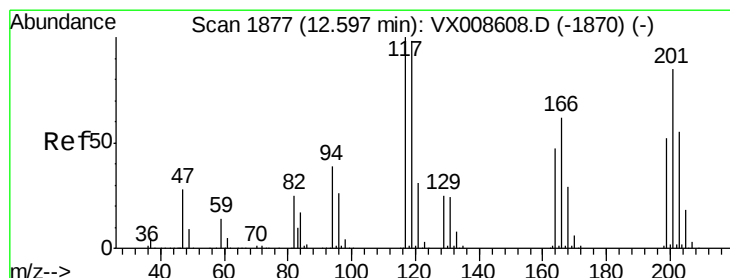


Abundance Ion 91.00 (90.70 to 91.70): VX008605.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008605.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008605.D (-1793) (-)

Time-->



#90

Hexachloroethane

Concen: 1.182 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX008605.D

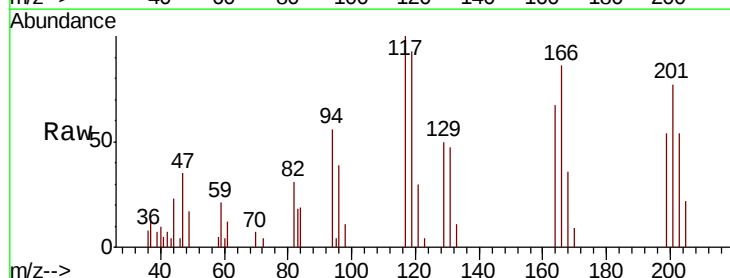
Acq: 03 Apr 2019 09:33

Tgt Ion: 117 Resp: 1980

Ion Ratio Lower Upper

117 100

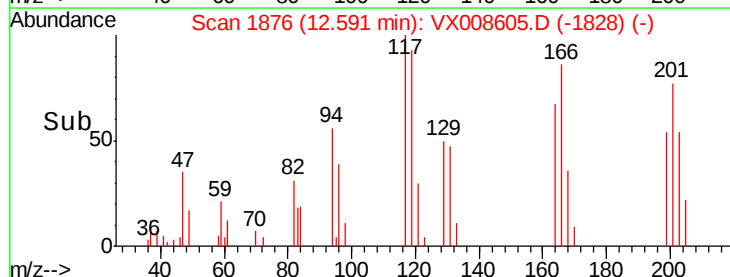
201 80.1 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008608.D (-1870) (-)

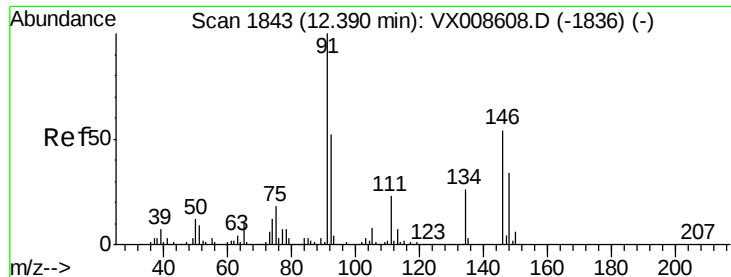
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX008605.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008605.D (-1828) (-)

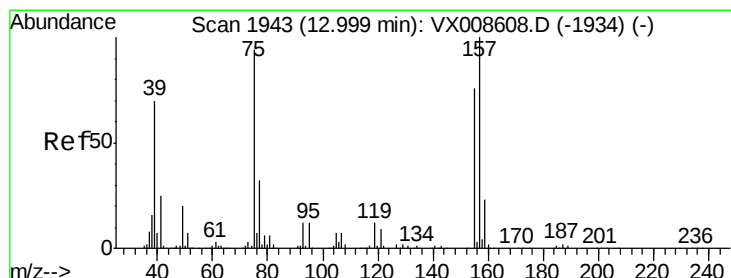
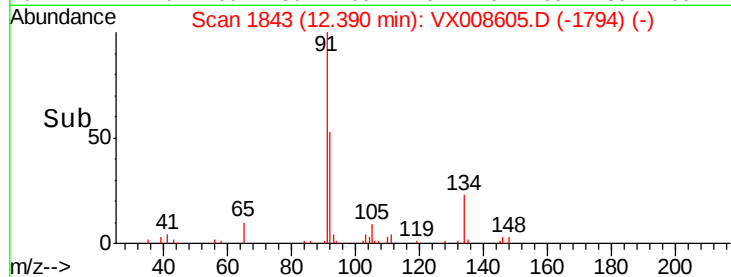
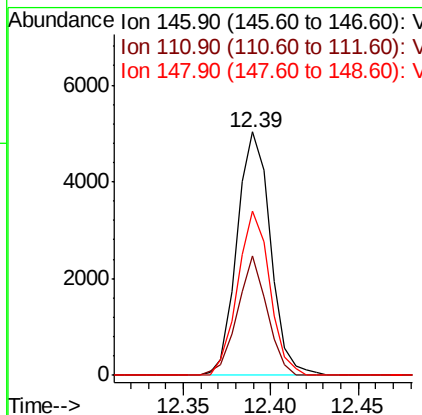
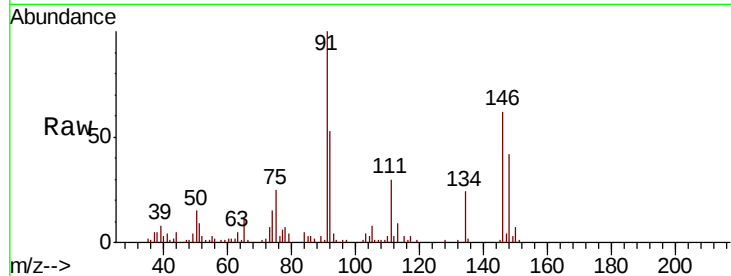
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 1.334 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

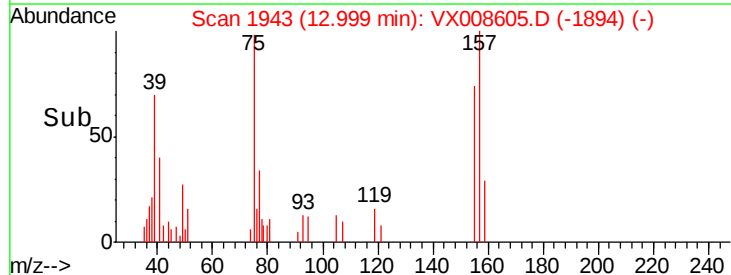
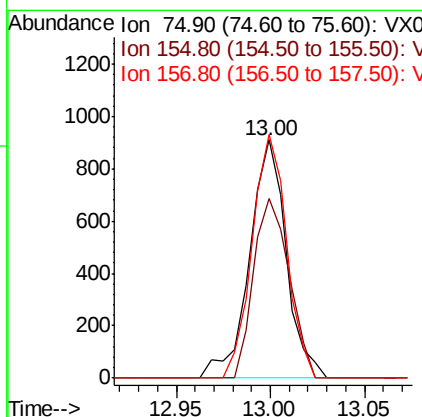
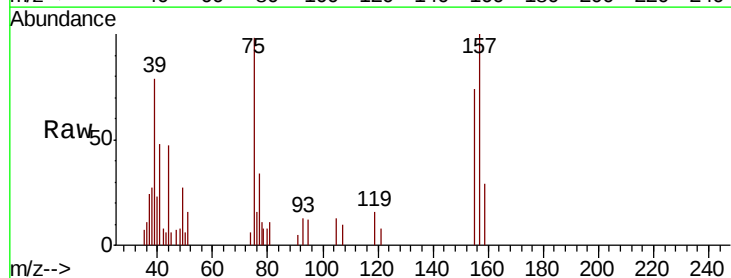
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:146 Resp: 6687
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.3 63.9
 148 64.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.250 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 75 Resp: 1227
 Ion Ratio Lower Upper
 75 100
 155 73.1 39.9 119.6
 157 96.1 51.5 154.7

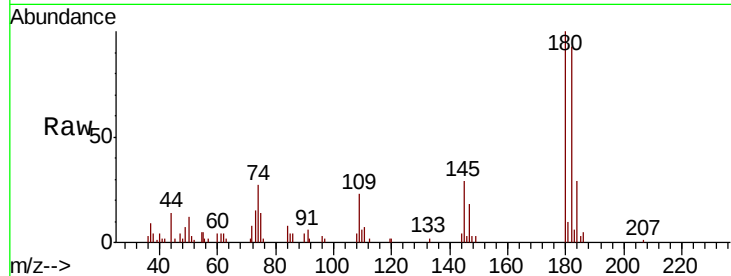




#93
 1,2,4-Trichlorobenzene
 Concen: 1.216 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.2	141.6
145	30.2	15.3	45.9

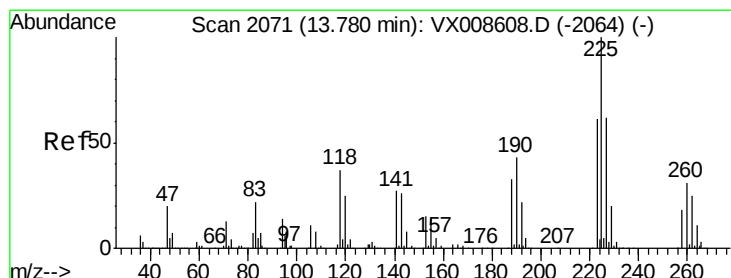
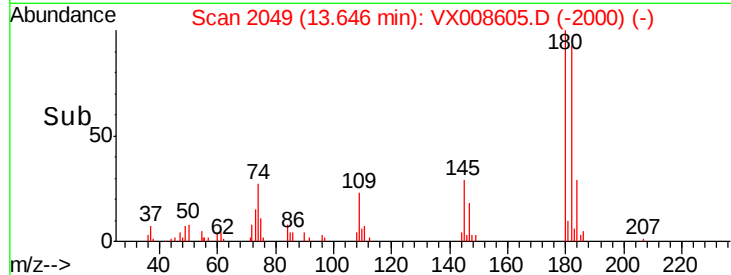
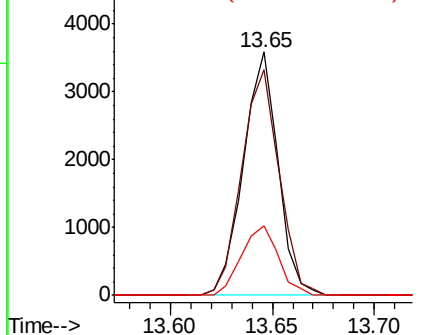


Abundance

Ion 179.80 (179.50 to 180.50): V

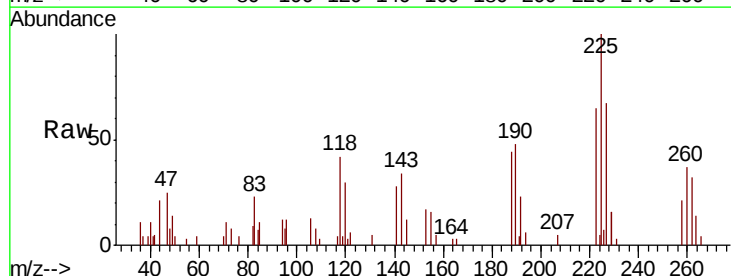
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 1.402 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.2	93.6
227	58.6	31.9	95.5

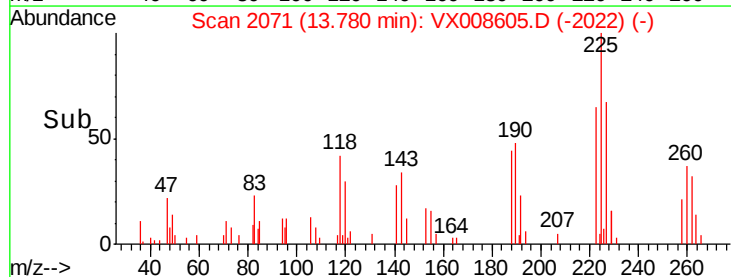
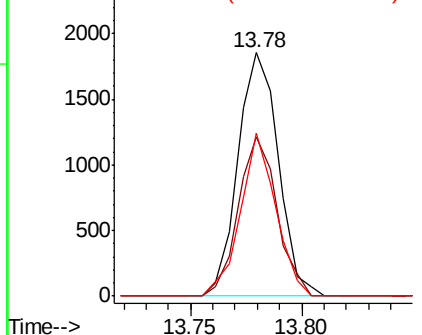


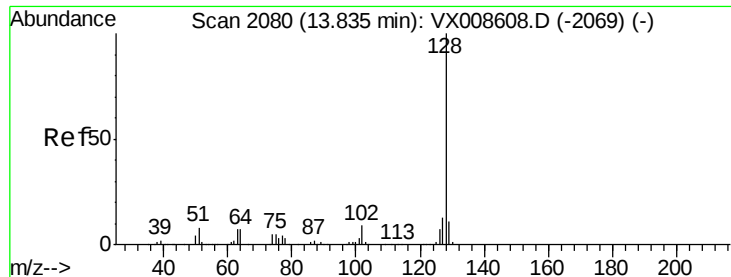
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.104 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

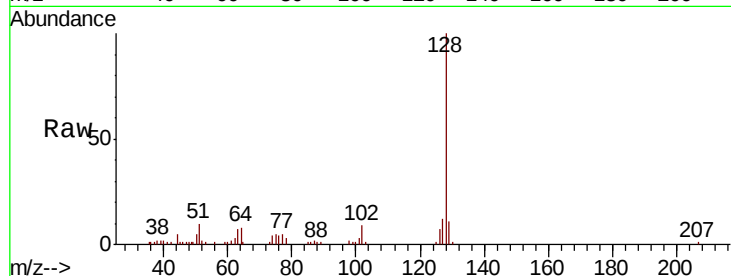
Tot Ion:128 Resp: 12866

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

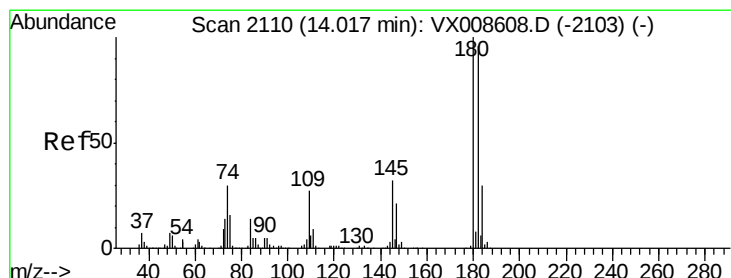
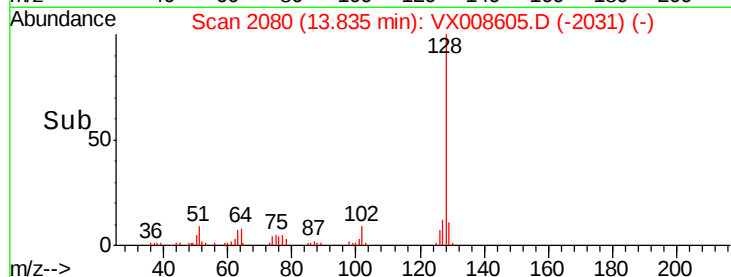
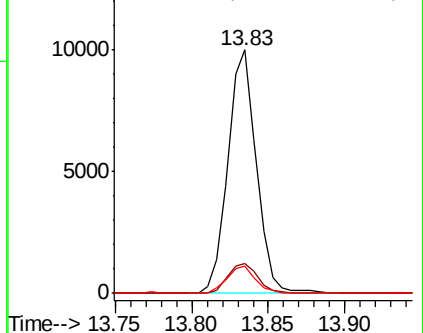
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.316 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

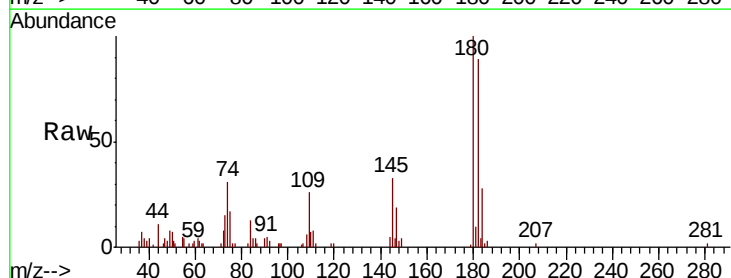
Tgt Ion:180 Resp: 4585

Ion Ratio Lower Upper

180 100

182 89.5 48.1 144.3

145 32.1 16.3 48.8



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

