

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009200.D
 Acq On : 29 Apr 2019 11:47
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 30 06:42:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 06:38:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	198214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	3755	1.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.68%	
35) Dibromofluoromethane	5.49	113	2601	1.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.58%	
50) Toluene-d8	8.71	98	9820	1.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.44%	
62) 4-Bromofluorobenzene	11.13	95	3058	1.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1909	0.868	ug/l	90
3) Chloromethane	1.32	50	2852	1.030	ug/l	95
4) Vinyl Chloride	1.40	62	2541	0.945	ug/l	94
5) Bromomethane	1.64	94	2173	1.240	ug/l	92
6) Chloroethane	1.72	64	1732	1.086	ug/l	98
7) Trichlorofluoromethane	1.93	101	3216	1.019	ug/l	91
8) Diethyl Ether	2.18	74	1596	1.098	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1911	0.945	ug/l	96
10) Methyl Iodide	2.51	142	1346	0.672	ug/l	100
11) Tert butyl alcohol	3.04	59	3507	5.620	ug/l #	91
12) 1,1-Dichloroethene	2.37	96	1868	0.888	ug/l	91
13) Acrolein	2.29	56	3448	6.415	ug/l	94
14) Allyl chloride	2.73	41	5143	1.115	ug/l	93
15) Acrylonitrile	3.14	53	8434	5.383	ug/l	98
16) Acetone	2.44	43	8235	5.700	ug/l	99
17) Carbon Disulfide	2.57	76	5685	0.877	ug/l #	95
18) Methyl Acetate	2.77	43	3808	1.054	ug/l	92
19) Methyl tert-butyl Ether	3.19	73	7628	1.011	ug/l	94
20) Methylene Chloride	2.85	84	2873	1.160	ug/l #	85
21) trans-1,2-Dichloroethene	3.16	96	2175	0.968	ug/l	84
22) Diisopropyl ether	3.85	45	9390	1.044	ug/l	94
23) Vinyl Acetate	3.81	43	36065	4.585	ug/l	99
24) 1,1-Dichloroethane	3.69	63	4676	1.038	ug/l #	96
25) 2-Butanone	4.67	43	11305	4.902	ug/l #	90
26) 2,2-Dichloropropane	4.57	77	3399	1.006	ug/l #	74
27) cis-1,2-Dichloroethene	4.59	96	2581	1.008	ug/l	94
28) Bromochloromethane	5.02	49	2407	1.136	ug/l #	96
29) Tetrahydrofuran	5.13	42	7414	4.808	ug/l	94
30) Chloroform	5.20	83	4101	1.016	ug/l	94
31) Cyclohexane	5.57	56	4153	0.942	ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	3514	1.052	ug/l #	49
36) 1,1-Dichloropropene	5.79	75	3176	0.988	ug/l	92
37) Ethyl Acetate	4.83	43	4190	1.013	ug/l #	94
38) Carbon Tetrachloride	5.78	117	2841	1.038	ug/l #	87

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	3811	0.975	ug/l	97
40) Benzene	6.13	78	9742	1.024	ug/l	98
41) Methacrylonitrile	5.04	41	2866	1.200	ug/l #	95
42) 1,2-Dichloroethane	6.20	62	3673	1.089	ug/l	89
43) Isopropyl Acetate	6.44	43	6638	0.992	ug/l	96
44) Trichloroethene	7.21	130	2502	1.075	ug/l	82
45) 1,2-Dichloropropane	7.51	63	2761	1.044	ug/l	99
46) Dibromomethane	7.66	93	1694	1.102	ug/l	99
47) Bromodichloromethane	7.90	83	3173	1.050	ug/l	87
48) Methyl methacrylate	7.77	41	3224	0.975	ug/l	98
49) 1,4-Dioxane	7.74	88	1472	23.281	ug/l #	84
51) 4-Methyl-2-Pentanone	8.64	43	20967	4.899	ug/l	99
52) Toluene	8.79	92	5965	1.044	ug/l	93
53) t-1,3-Dichloropropene	9.04	75	3082	0.891	ug/l #	81
54) cis-1,3-Dichloropropene	8.44	75	3672	0.945	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	2307	1.016	ug/l #	88
56) Ethyl methacrylate	9.18	69	3805	0.935	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	4248	1.054	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	10268	4.674	ug/l	98
59) 2-Hexanone	9.49	43	16600	5.005	ug/l	94
60) Dibromochloromethane	9.58	129	2116	0.972	ug/l	96
61) 1,2-Dibromoethane	9.67	107	2387	1.023	ug/l	98
64) Tetrachloroethene	9.33	164	2198	1.044	ug/l	91
65) Chlorobenzene	10.13	112	5914	1.001	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	2102	1.011	ug/l #	65
67) Ethyl Benzene	10.25	91	10910	1.012	ug/l	98
68) m/p-Xylenes	10.35	106	7726	1.965	ug/l	98
69) o-Xylene	10.69	106	3847	1.006	ug/l	96
70) Styrene	10.71	104	6512	0.980	ug/l	99
71) Bromoform	10.85	173	1662	1.001	ug/l #	92
73) Isopropylbenzene	11.02	105	10229	1.069	ug/l	100
74) N-amyl acetate	10.90	43	5559	1.006	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	3831	1.089	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	4420	1.430	ug/l	81
77) Bromobenzene	11.26	156	2490	1.031	ug/l	90
78) n-propylbenzene	11.36	91	11088	1.011	ug/l	100
79) 2-Chlorotoluene	11.42	91	7541	1.138	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	8193	1.019	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	959	0.804	ug/l #	49
82) 4-Chlorotoluene	11.51	91	8113	1.055	ug/l	97
83) tert-Butylbenzene	11.77	119	8172	1.056	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	8194	1.001	ug/l	98
85) sec-Butylbenzene	11.94	105	9504	1.032	ug/l	100
86) p-Isopropyltoluene	12.06	119	8141	0.962	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	4457	1.050	ug/l	100
88) 1,4-Dichlorobenzene	12.02	146	4457	1.035	ug/l	100
89) n-Butylbenzene	12.38	91	7326	0.935	ug/l	100
90) Hexachloroethane	12.60	117	1410	1.009	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	4814	1.143	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	765	0.951	ug/l	97

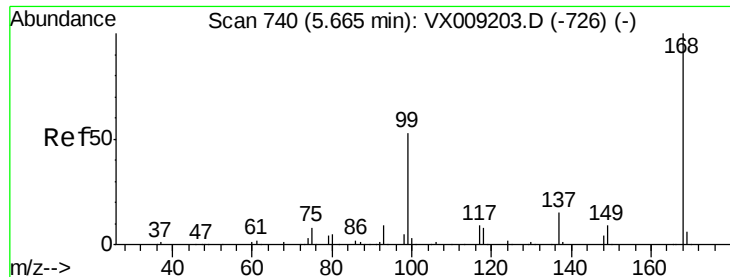
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	2929	0.968	ug/l	98
94) Hexachlorobutadiene	13.78	225	1639	1.086	ug/l	94
95) Naphthalene	13.83	128	9215	0.947	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	3043	1.015	ug/l	94

(#) = 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. -0.01 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

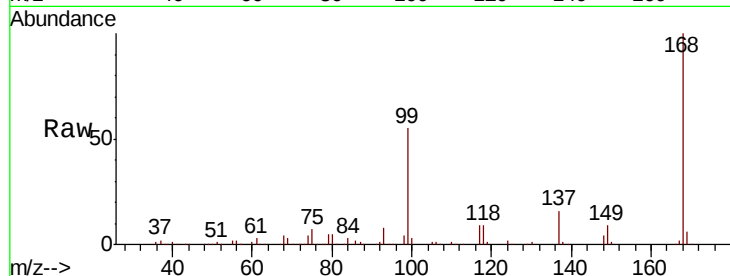
VSTDIC001

Tgt Ion:168 Resp: 198214

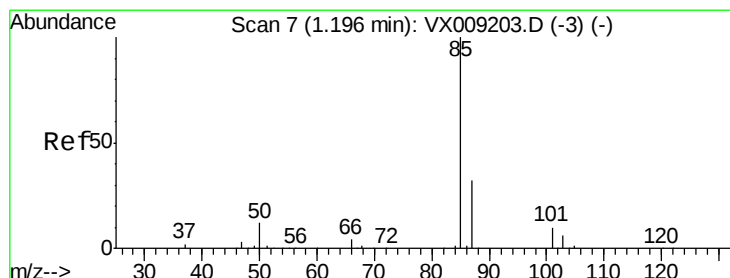
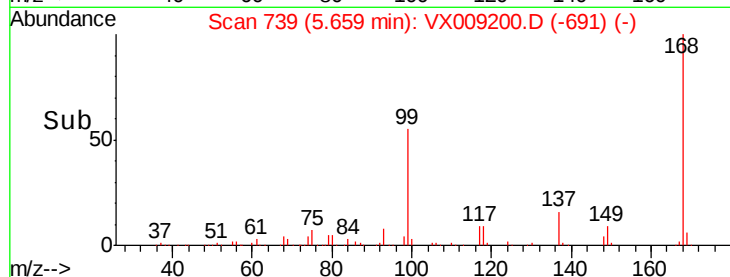
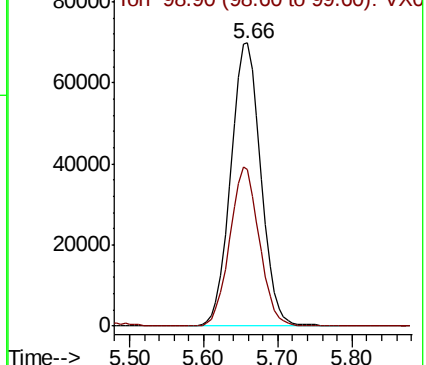
Ion Ratio Lower Upper

168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009200.D (-691) (-)



#2

Dichlorodifluoromethane

Concen: 0.868 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009200.D

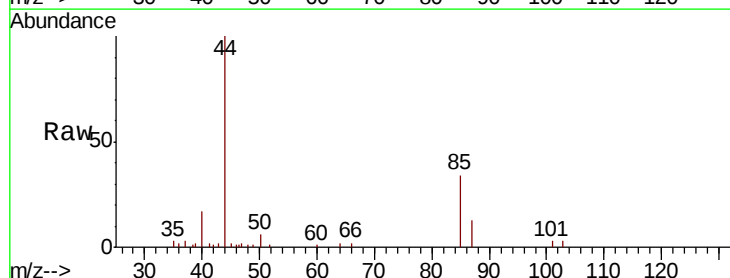
Acq: 29 Apr 2019 11:47

Tgt Ion: 85 Resp: 1909

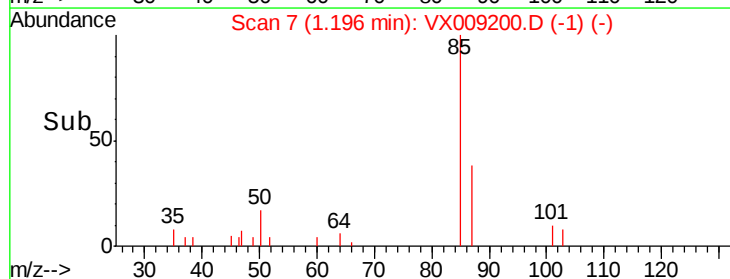
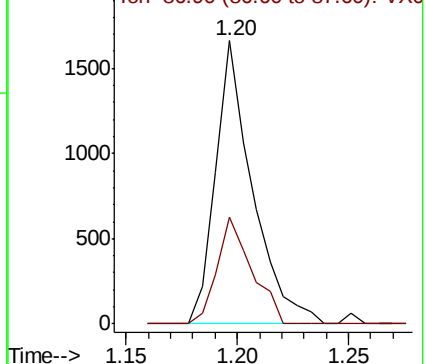
Ion Ratio Lower Upper

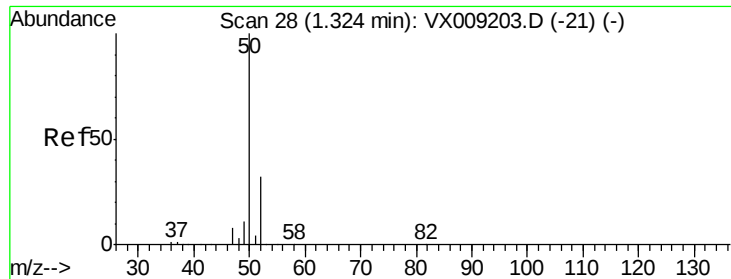
85 100

87 37.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX009200.D (-1) (-)





#3

Chloromethane

Concen: 1.030 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

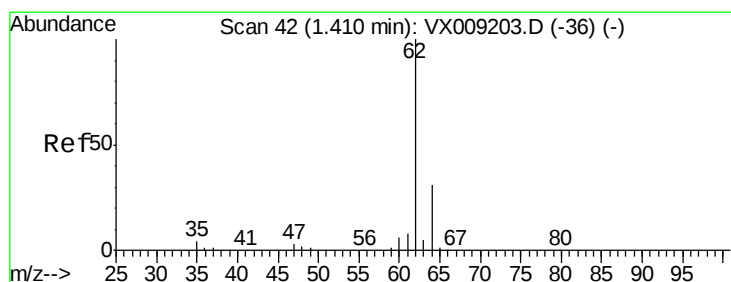
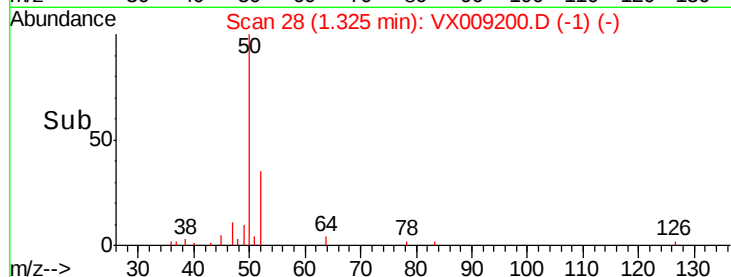
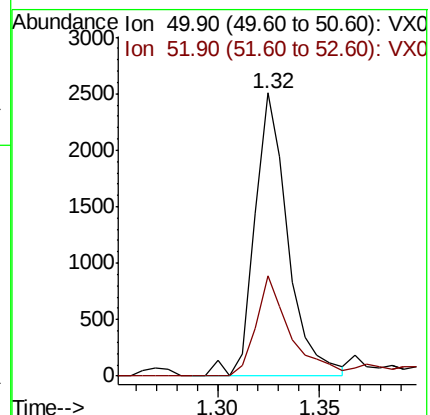
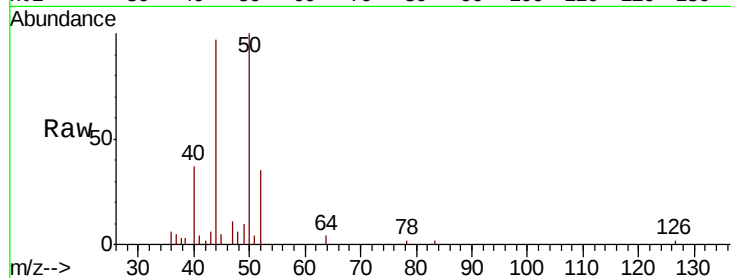
VSTDIC001

Tgt Ion: 50 Resp: 2852

Ion Ratio Lower Upper

50 100

52 35.4 25.9 38.9



#4

Vinyl Chloride

Concen: 0.945 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009200.D

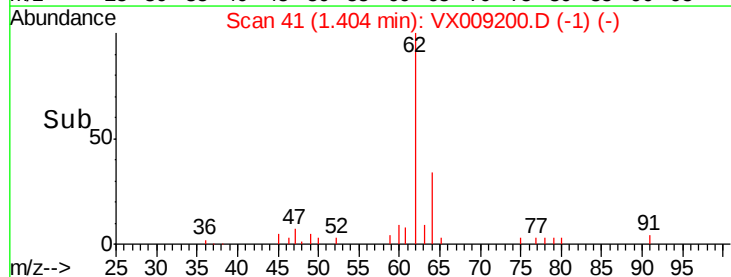
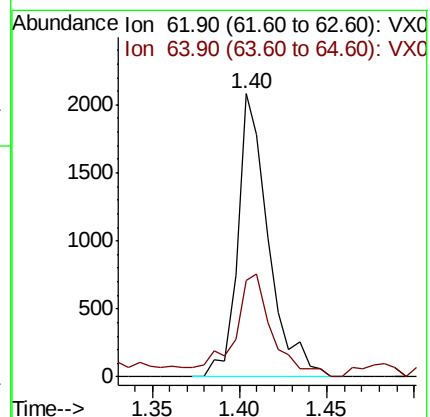
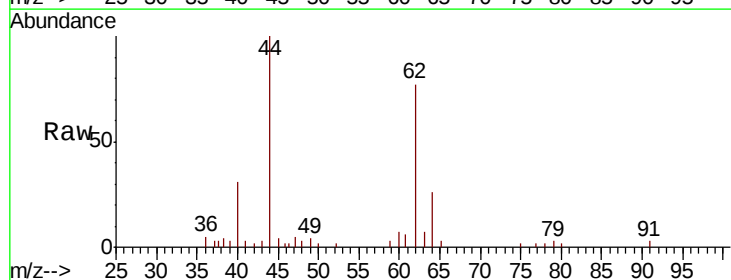
Acq: 29 Apr 2019 11:47

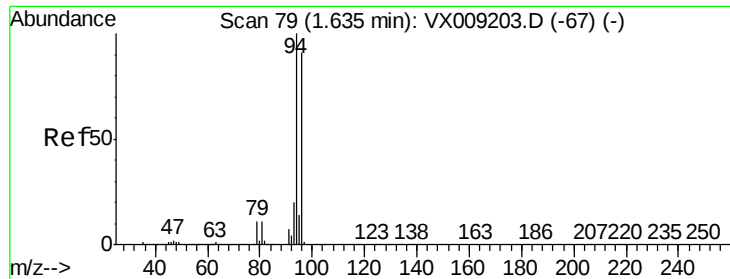
Tgt Ion: 62 Resp: 2541

Ion Ratio Lower Upper

62 100

64 34.0 24.6 36.8





#5

Bromomethane

Concen: 1.240 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

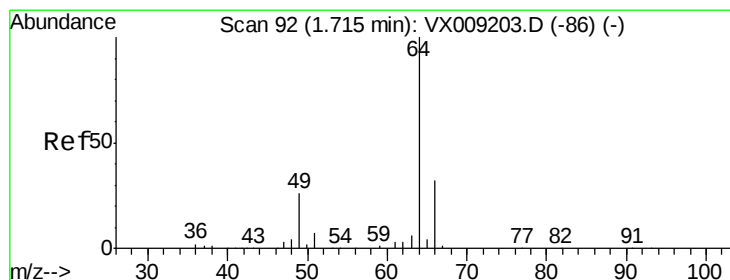
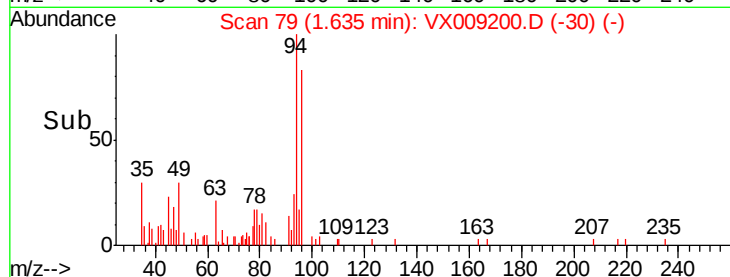
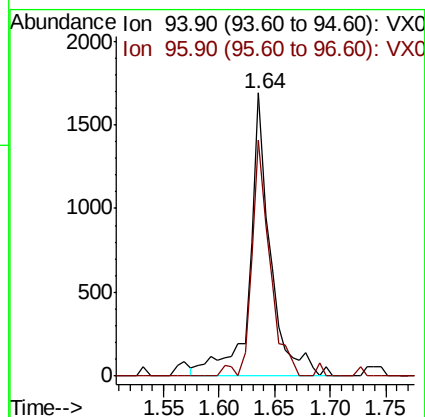
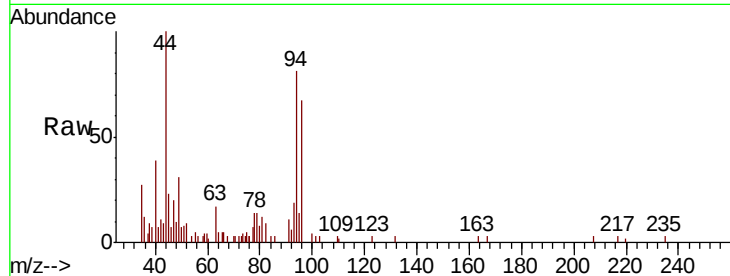
VSTDIC001

Tgt Ion: 94 Resp: 2173

Ion Ratio Lower Upper

94 100

96 83.3 73.0 109.6



#6

Chloroethane

Concen: 1.086 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009200.D

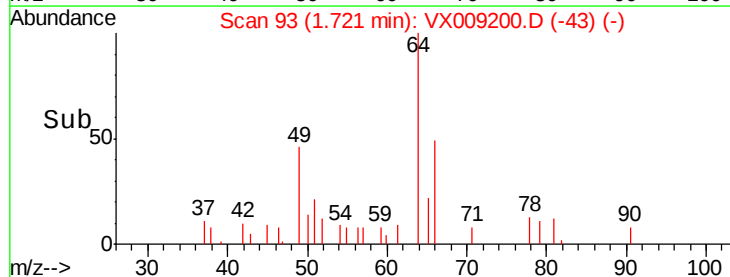
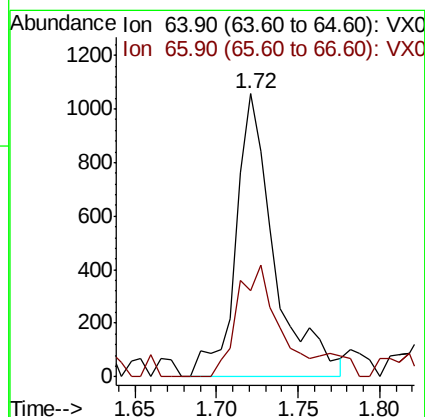
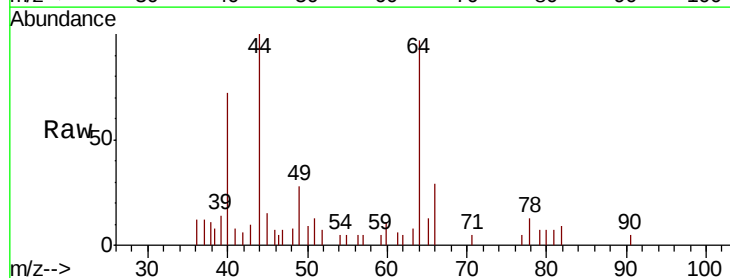
Acq: 29 Apr 2019 11:47

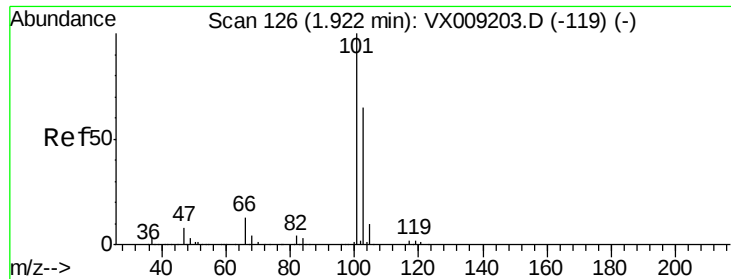
Tgt Ion: 64 Resp: 1732

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9



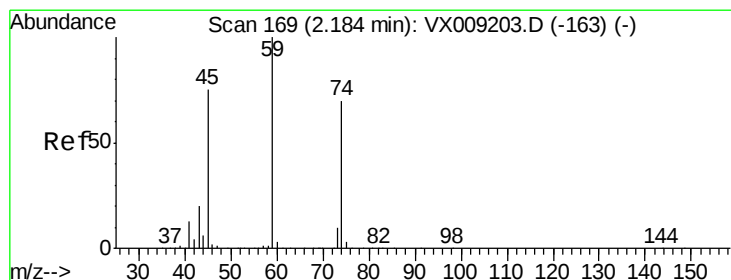
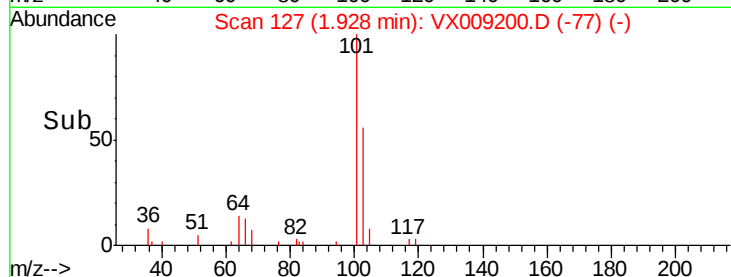
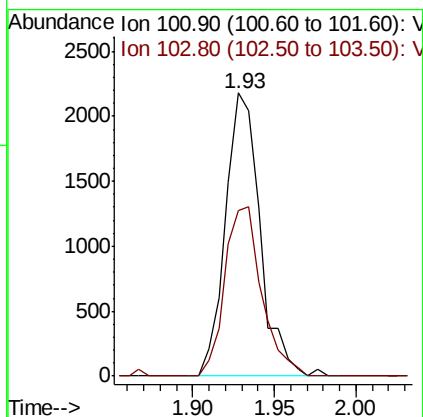
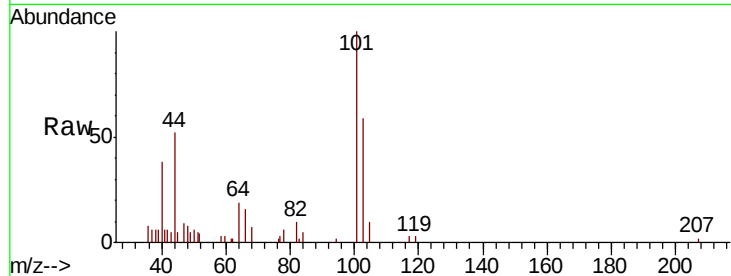


#7

Trichlorofluoromethane
 Concen: 1.019 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

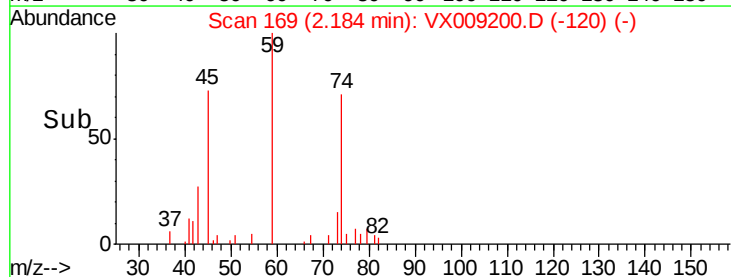
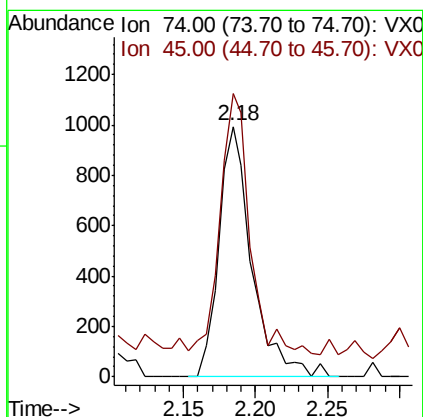
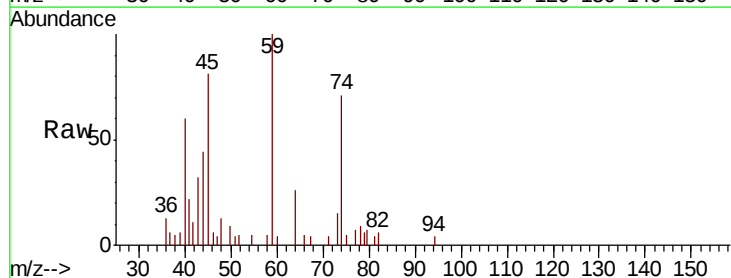
Tgt Ion: 101 Resp: 3216
 Ion Ratio Lower Upper
 101 100
 103 58.6 52.4 78.6



#8

Diethyl Ether
 Concen: 1.098 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion: 74 Resp: 1596
 Ion Ratio Lower Upper
 74 100
 45 94.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.945 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

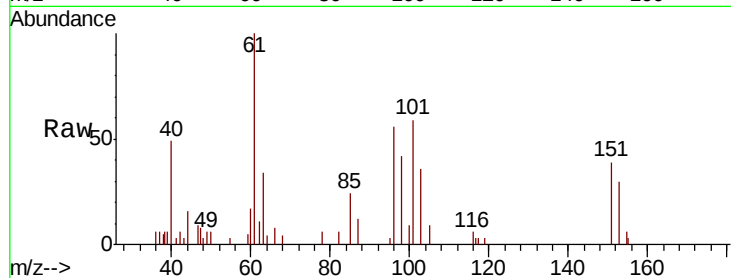
Tgt Ion:101 Resp: 1911

Ion Ratio Lower Upper

101 100

85 42.5 35.7 53.5

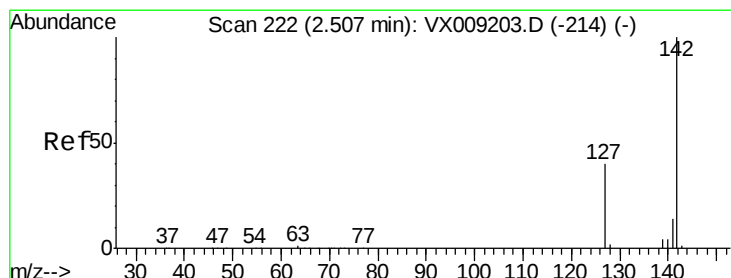
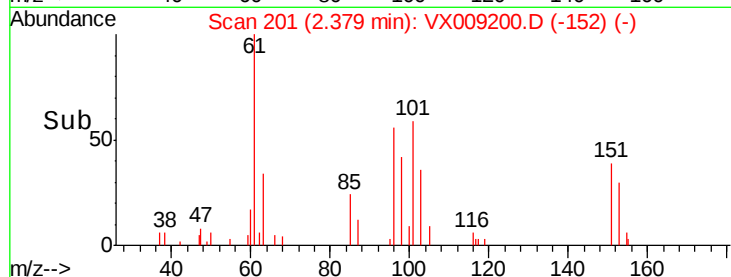
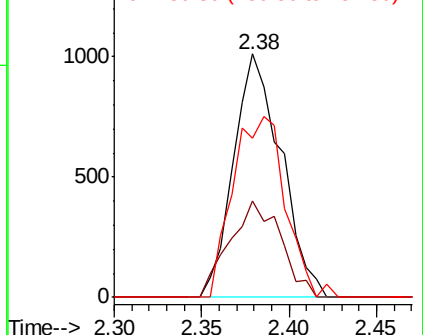
151 82.2 62.2 93.2



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: 0.672 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

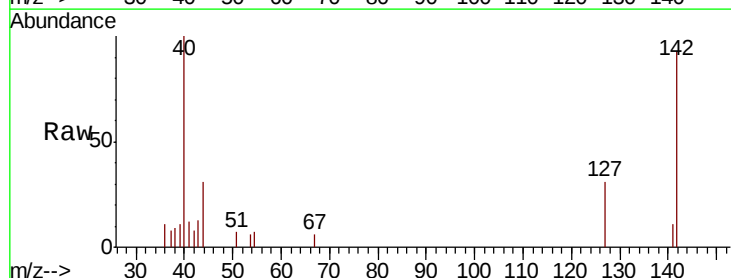
Tgt Ion:142 Resp: 1346

Ion Ratio Lower Upper

142 100

127 40.9 32.7 49.1

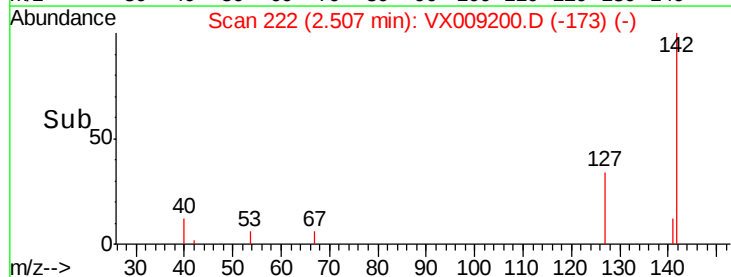
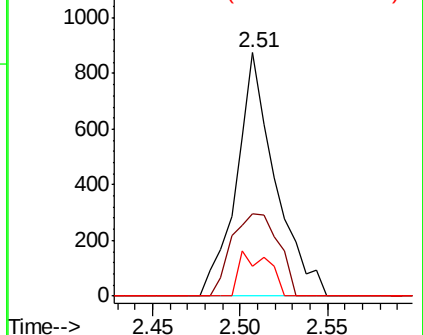
141 14.1 11.5 17.3

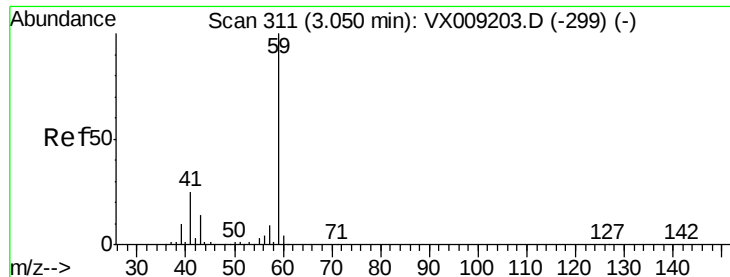


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

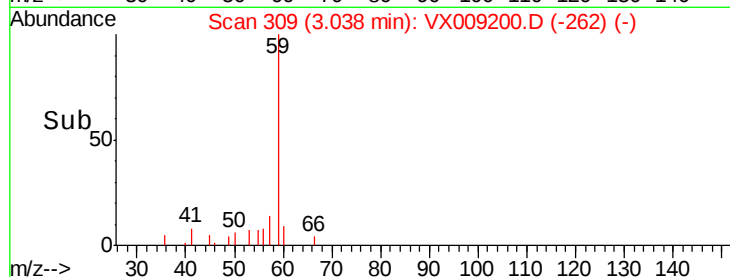
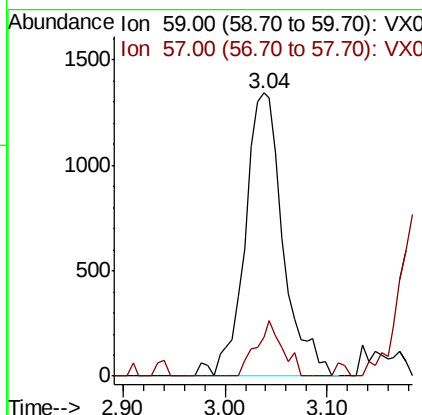
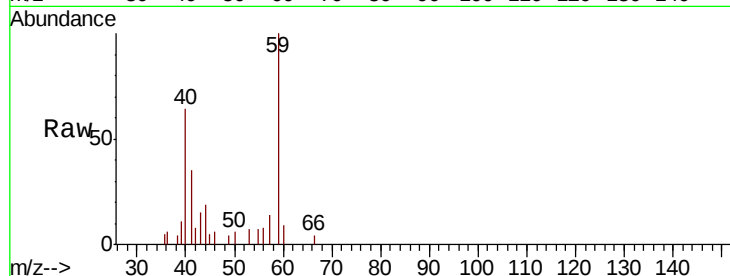




#11
Tert butyl alcohol
Concen: 5.620 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

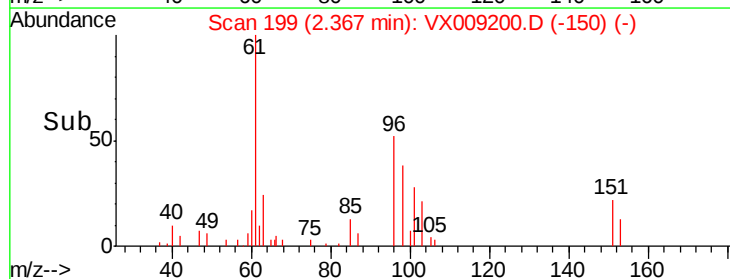
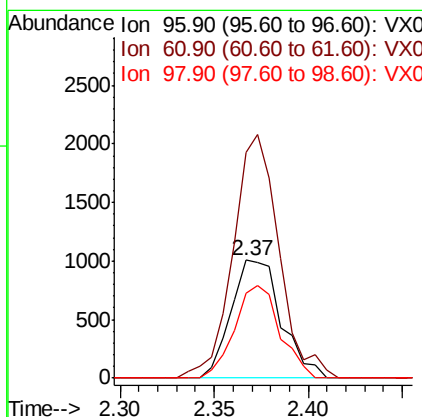
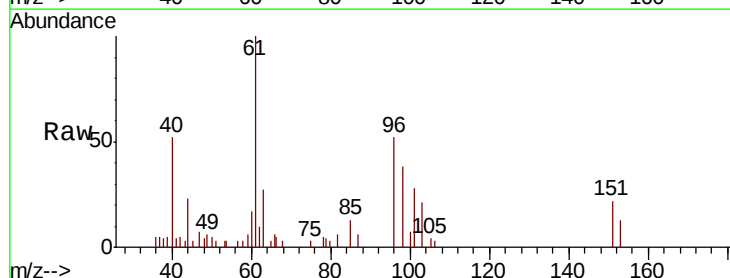
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

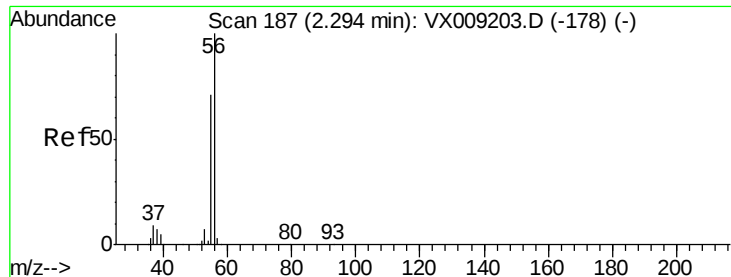
Tgt Ion: 59 Resp: 3507
Ion Ratio Lower Upper
59 100
57 13.6 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.888 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion: 96 Resp: 1868
Ion Ratio Lower Upper
96 100
61 191.8 144.3 216.5
98 72.3 50.3 75.5





#13

Acrolein

Concen: 6.415 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

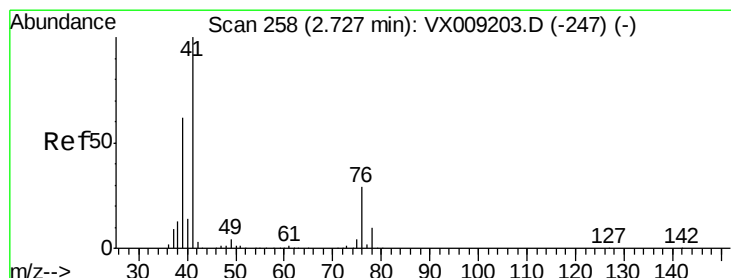
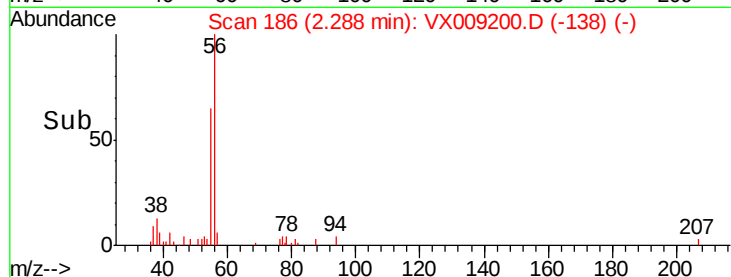
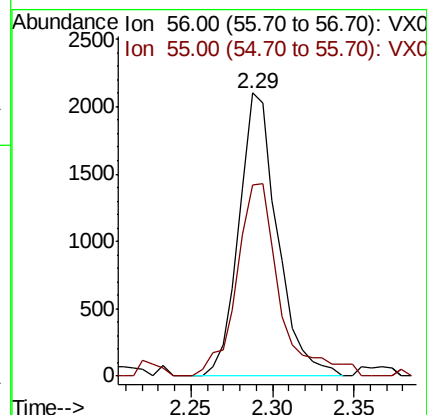
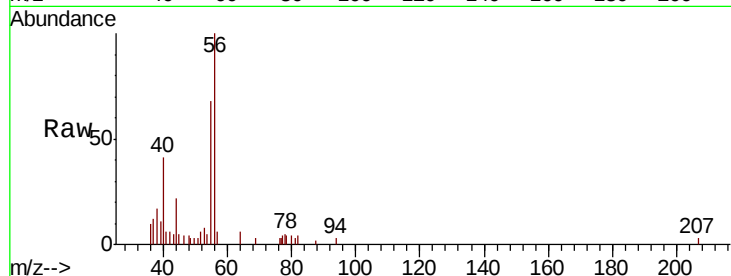
VSTDIC001

Tgt Ion: 56 Resp: 3448

Ion Ratio Lower Upper

56 100

55 75.9 56.6 85.0



#14

Allyl chloride

Concen: 1.115 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

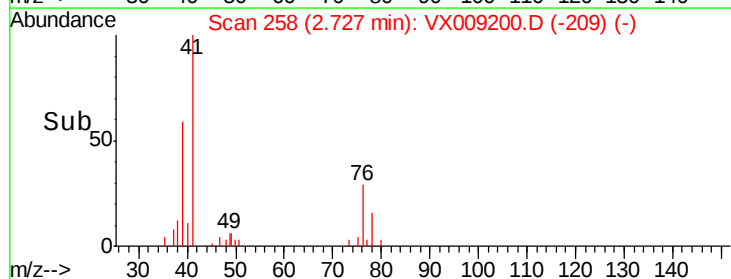
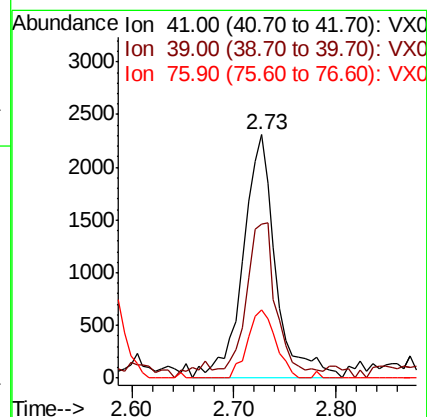
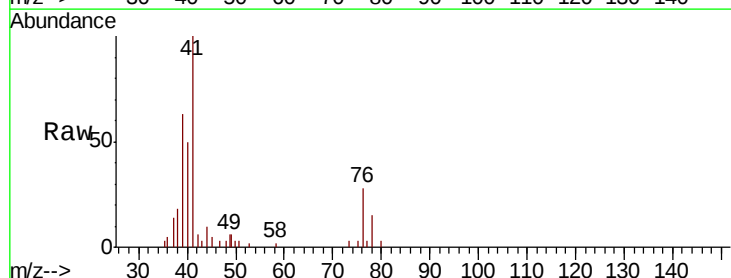
Tgt Ion: 41 Resp: 5143

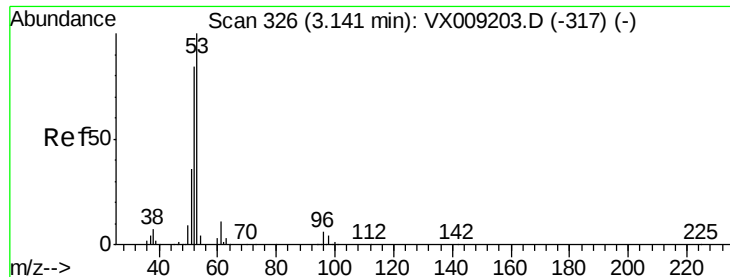
Ion Ratio Lower Upper

41 100

39 53.3 46.7 70.1

76 24.0 21.8 32.8





#15

Acrylonitrile

Concen: 5.383 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

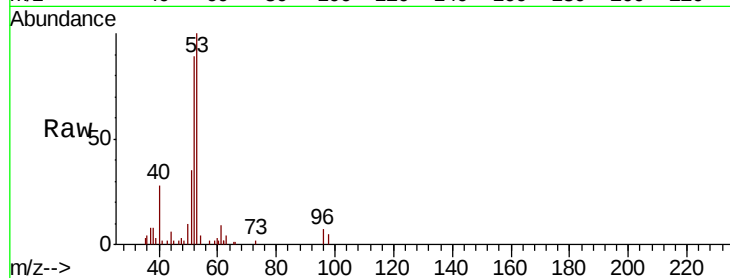
Tgt Ion: 53 Resp: 8434

Ion Ratio Lower Upper

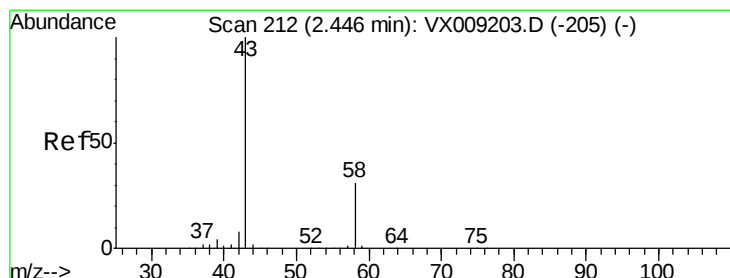
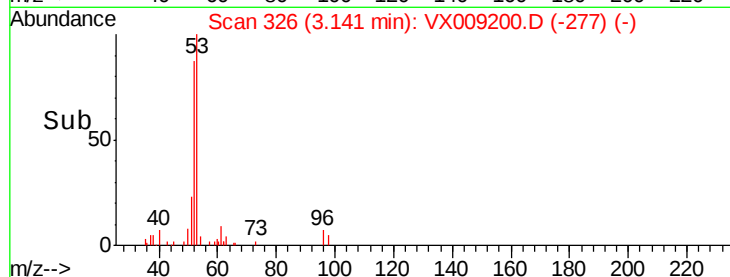
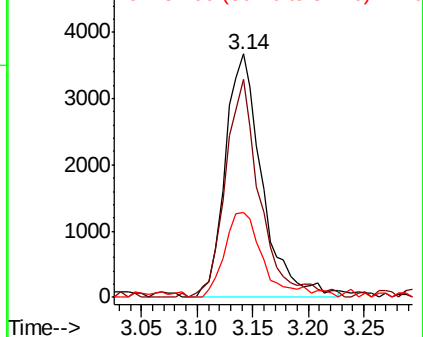
53 100

52 84.6 66.9 100.3

51 36.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.700 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009200.D

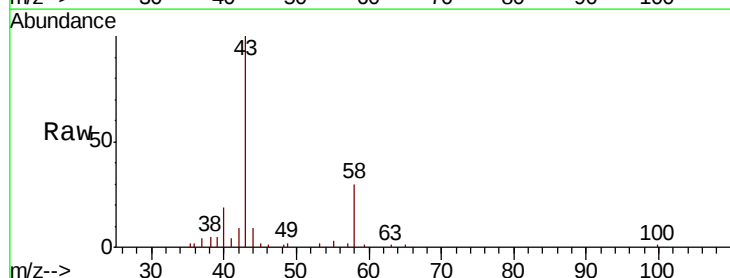
Acq: 29 Apr 2019 11:47

Tgt Ion: 43 Resp: 8235

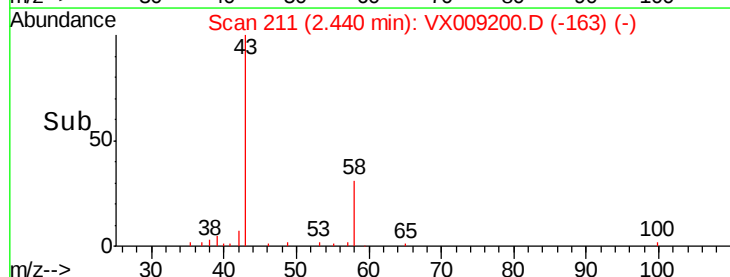
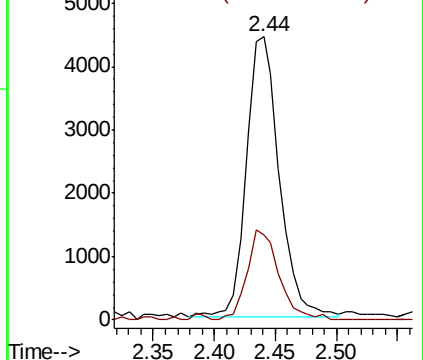
Ion Ratio Lower Upper

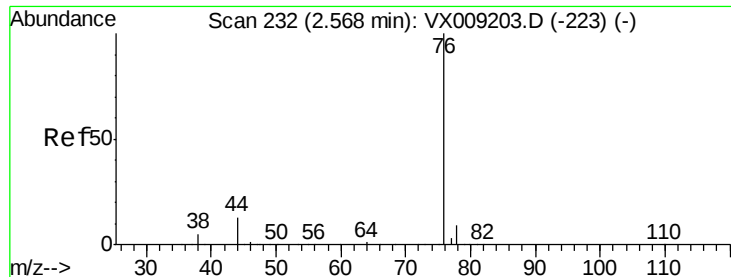
43 100

58 30.6 24.9 37.3



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





#17

Carbon Disulfide

Concen: 0.877 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

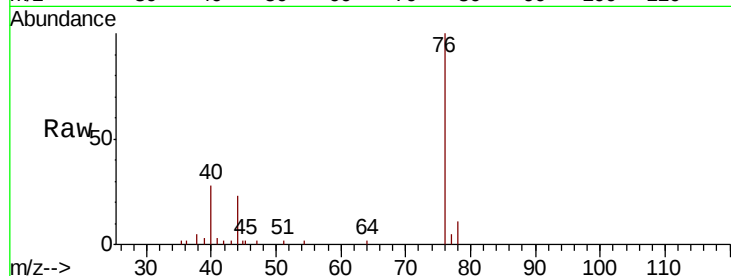
VSTDIC001

Tgt Ion: 76 Resp: 5685

Ion Ratio Lower Upper

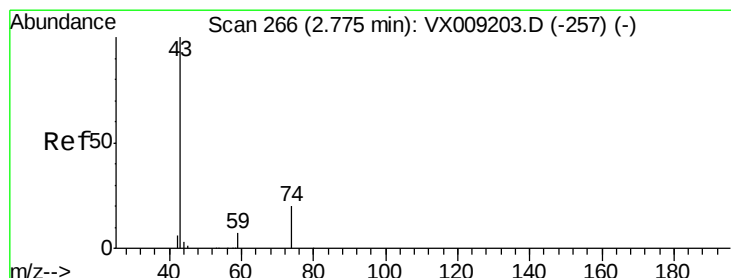
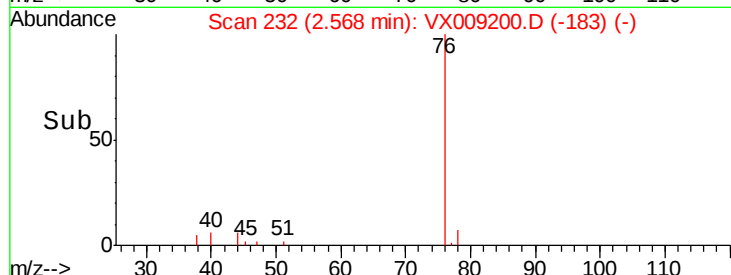
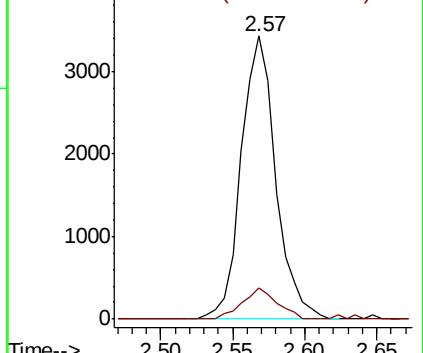
76 100

78 11.1 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.054 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009200.D

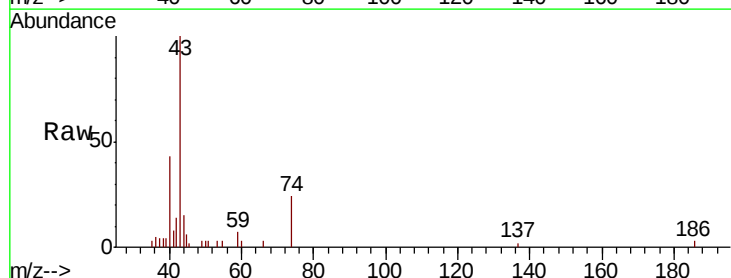
Acq: 29 Apr 2019 11:47

Tgt Ion: 43 Resp: 3808

Ion Ratio Lower Upper

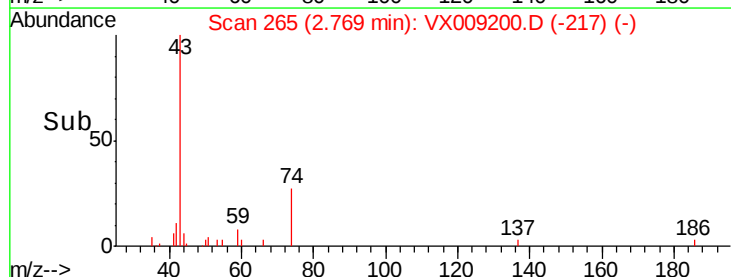
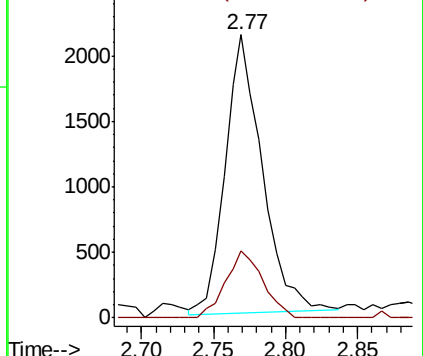
43 100

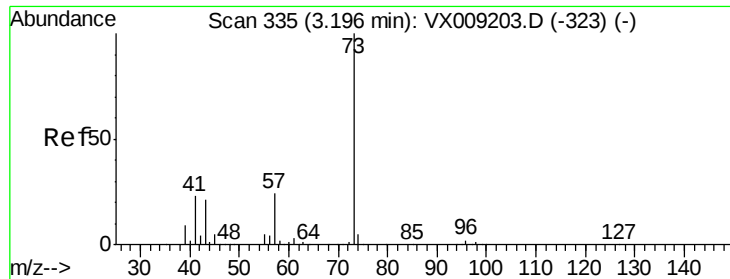
74 24.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

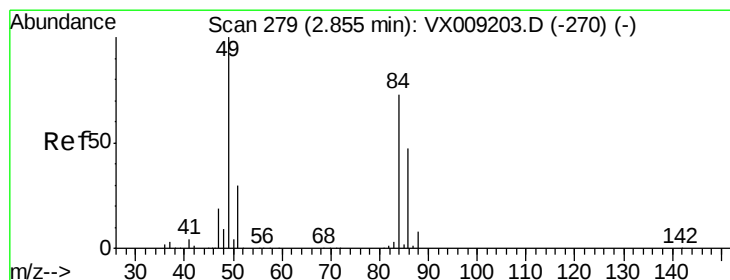
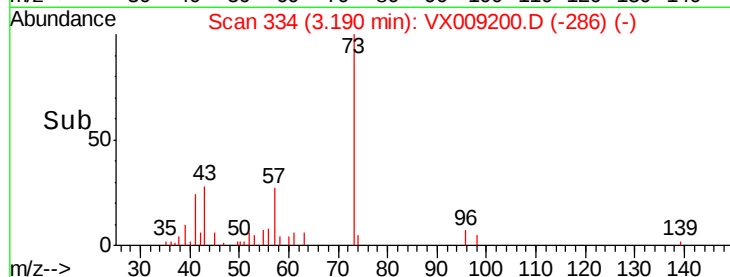
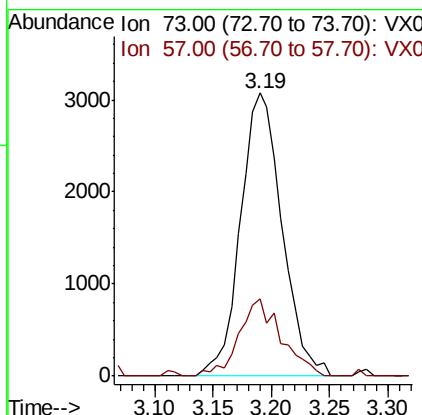
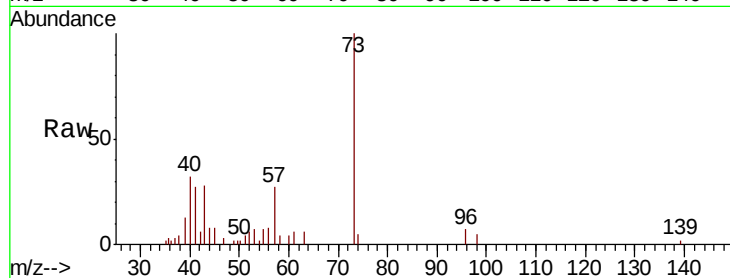




#19
Methyl tert-butyl Ether
Concen: 1.011 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

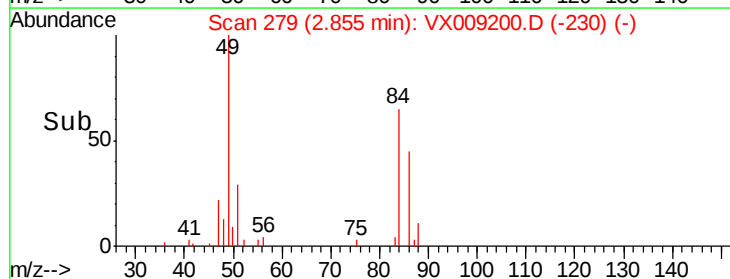
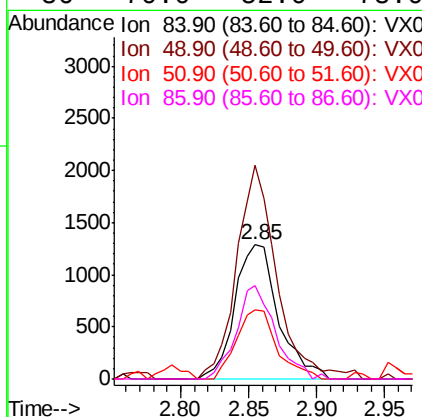
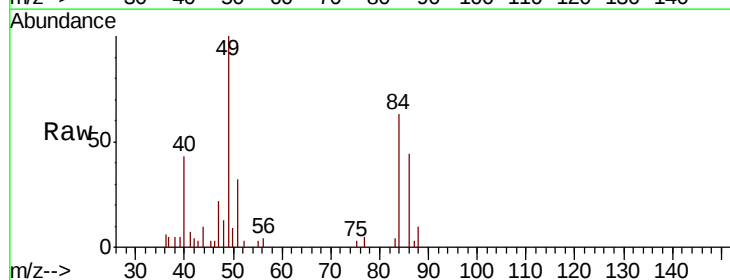
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

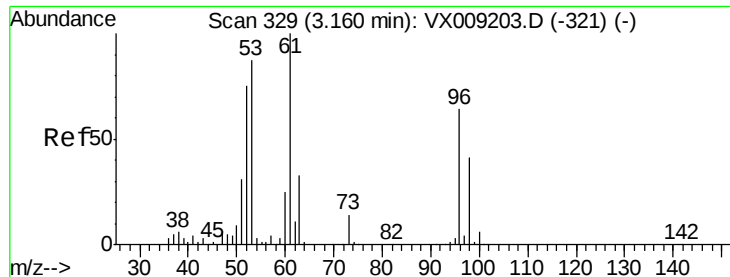
Tgt Ion: 73 Resp: 7628
Ion Ratio Lower Upper
73 100
57 27.3 19.3 28.9



#20
Methylene Chloride
Concen: 1.160 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion: 84 Resp: 2873
Ion Ratio Lower Upper
84 100
49 159.0 109.9 164.9
51 51.4 32.7 49.1#
86 70.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 0.968 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

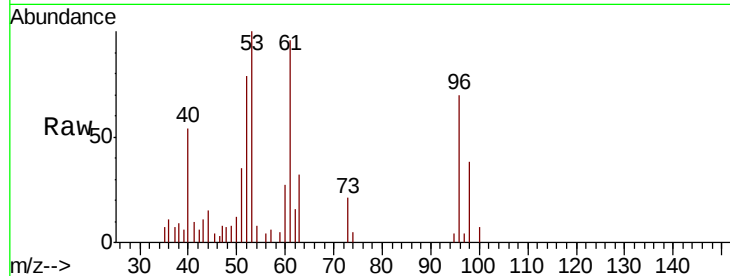
Tgt Ion: 96 Resp: 2175

Ion Ratio Lower Upper

96 100

61 131.9 124.5 186.7

98 53.6 50.4 75.6

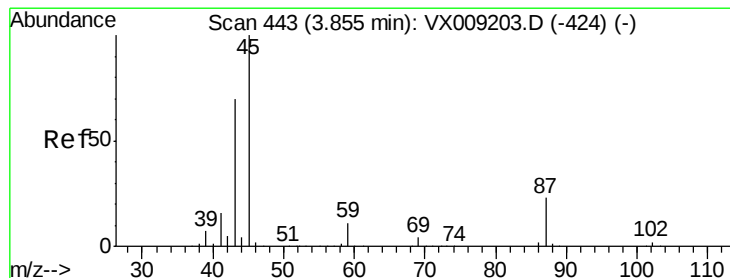
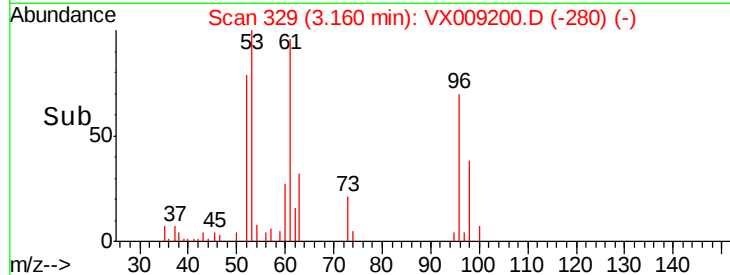
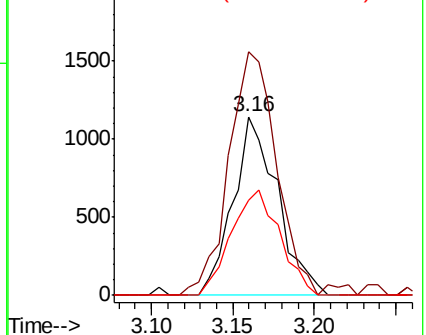


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.044 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Tgt Ion: 45 Resp: 9390

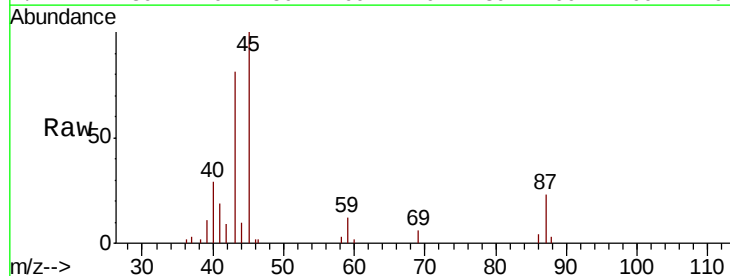
Ion Ratio Lower Upper

45 100

43 76.7 56.1 84.1

87 23.6 18.1 27.1

59 12.4 8.5 12.7



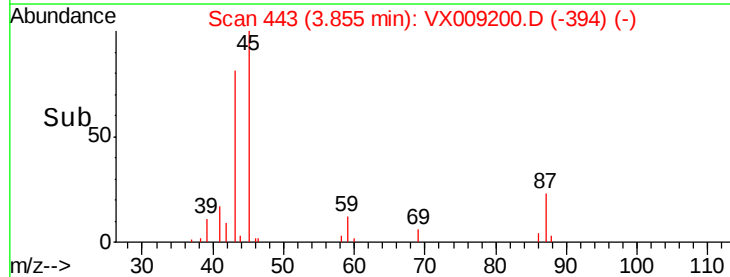
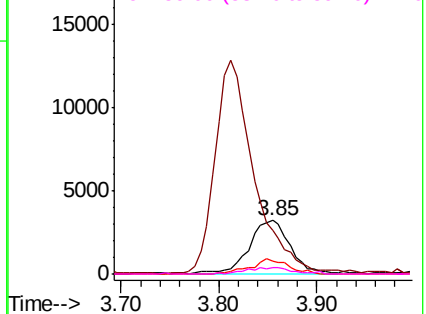
Abundance

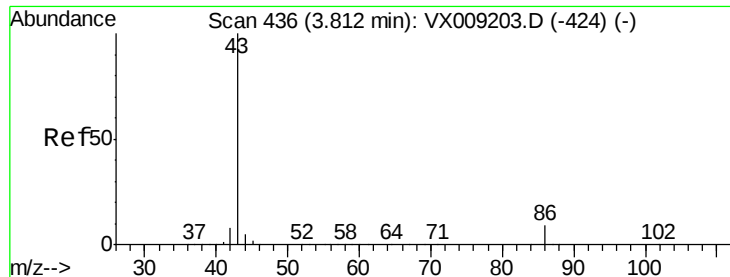
Ion 45.00 (44.70 to 45.70): VX0

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: 4.585 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

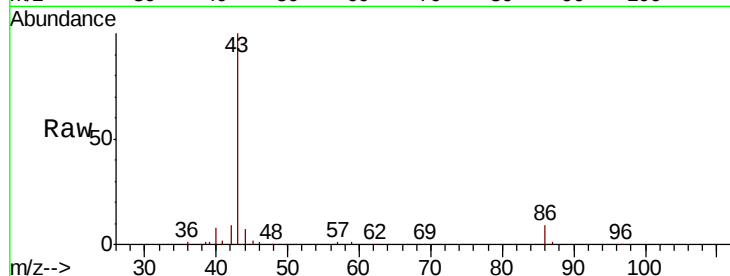
VSTDIC001

Tgt Ion: 43 Resp: 36065

Ion Ratio Lower Upper

43 100

86 9.0 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

15000

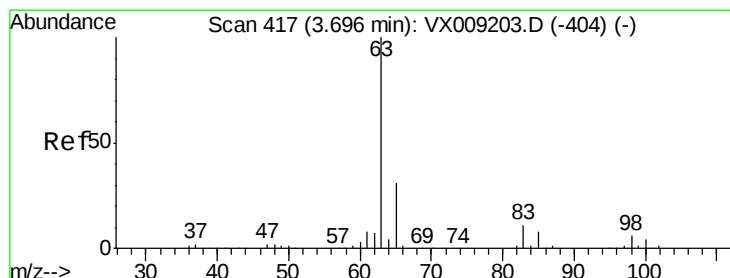
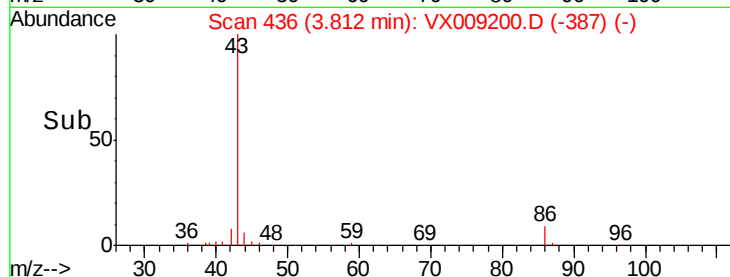
10000

5000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 1.038 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

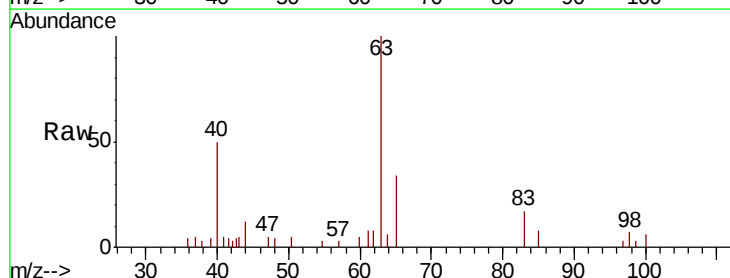
Tgt Ion: 63 Resp: 4676

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.2

100 6.4 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

2500

2000

1500

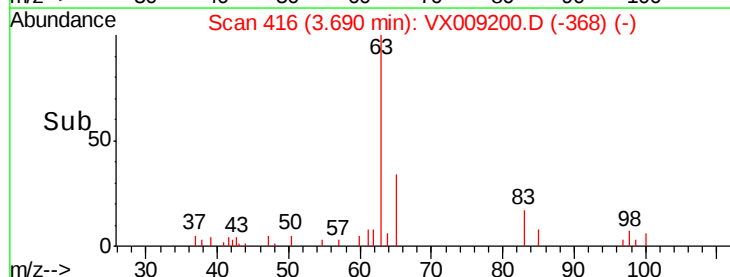
1000

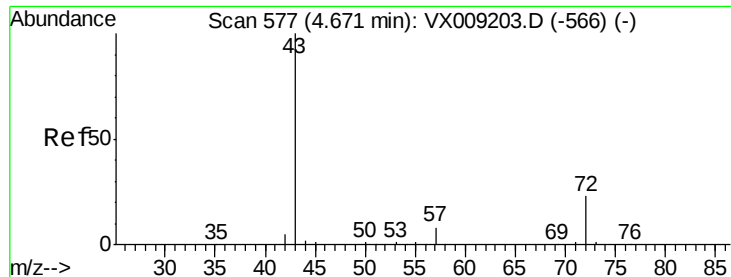
500

0

3.60 3.65 3.70 3.75 3.80

Time-->





#25

2-Butanone

Concen: 4.902 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

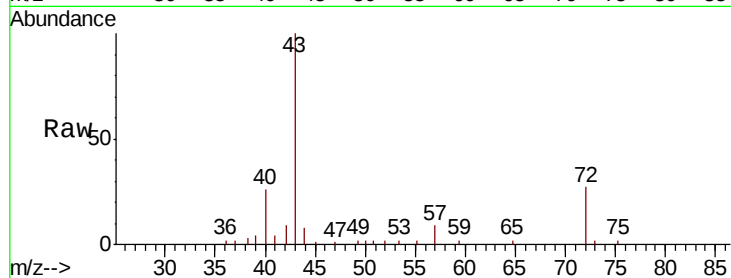
VSTDIC001

Tgt Ion: 43 Resp: 11305

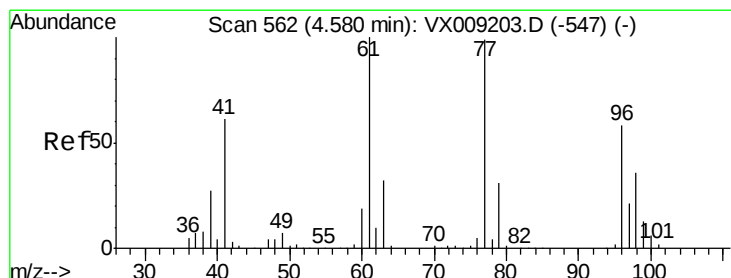
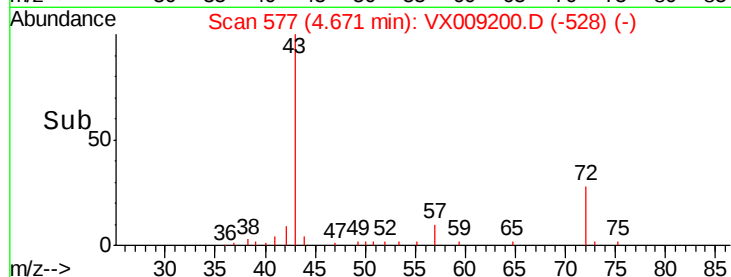
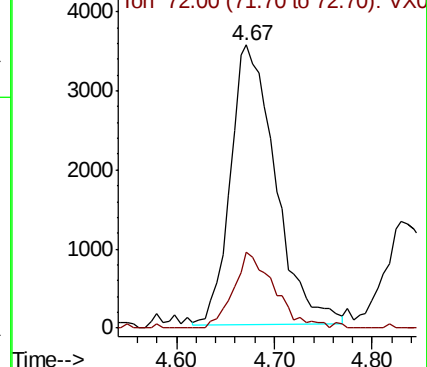
Ion Ratio Lower Upper

43 100

72 27.6 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-566) (-)



#26

2,2-Dichloropropane

Concen: 1.006 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX009200.D

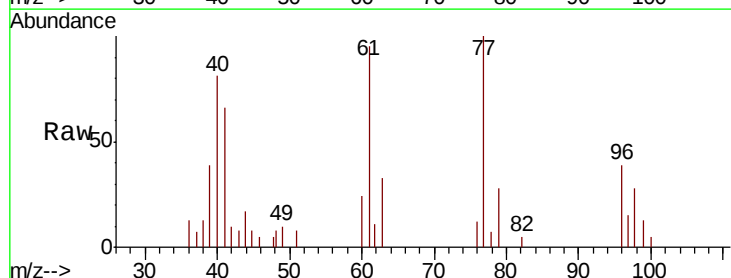
Acq: 29 Apr 2019 11:47

Tgt Ion: 77 Resp: 3399

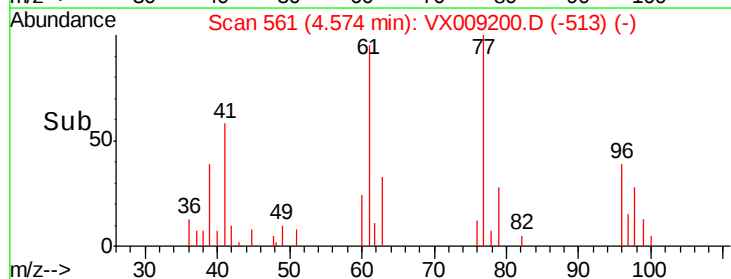
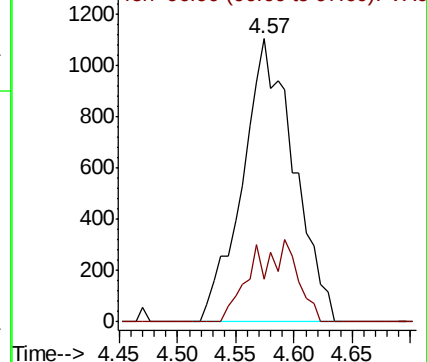
Ion Ratio Lower Upper

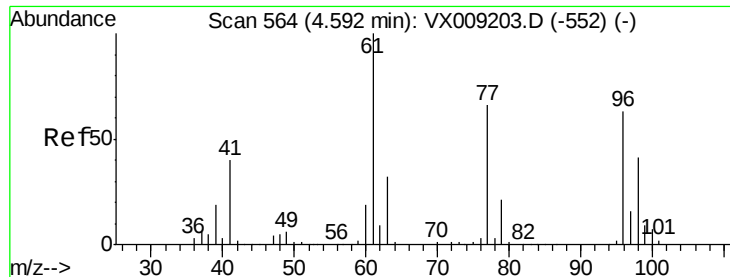
77 100

97 10.3 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX009203.D (-547) (-)



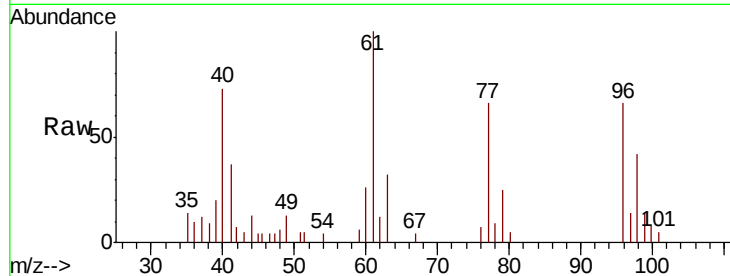


#27

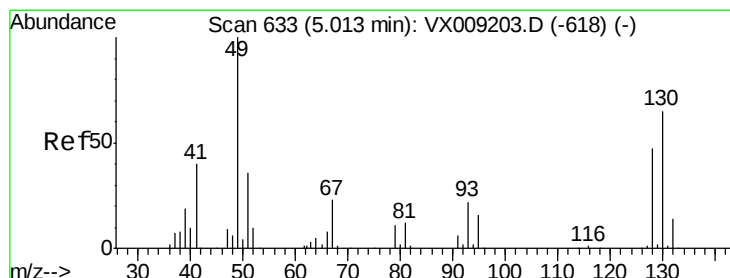
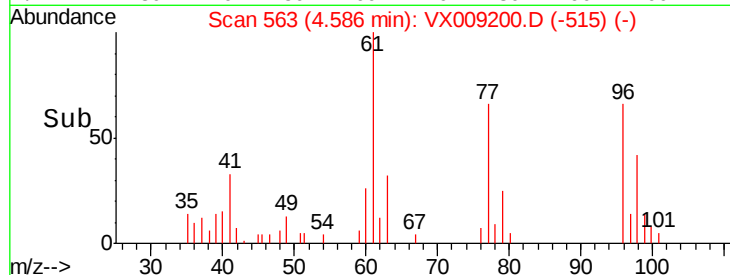
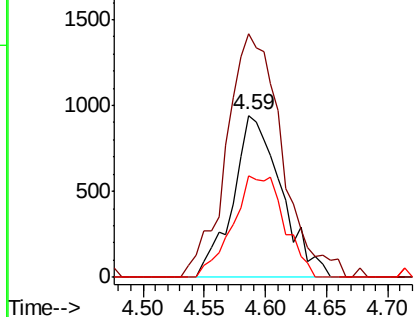
cis-1,2-Dichloroethene
 Concen: 1.008 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 2581
 Ion Ratio Lower Upper
 96 100
 61 172.6 0.0 324.0
 98 66.9 0.0 130.4



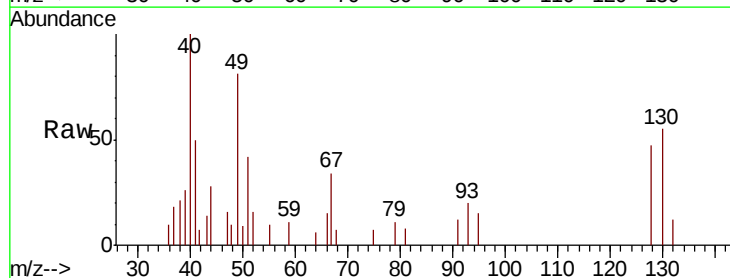
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



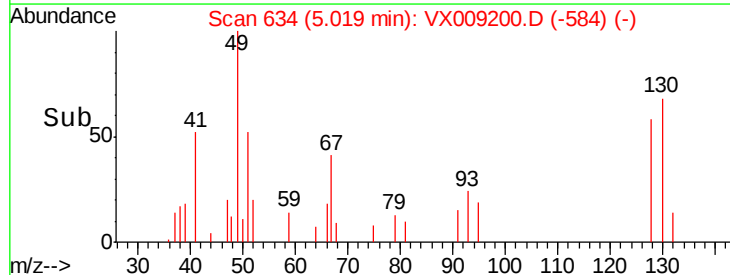
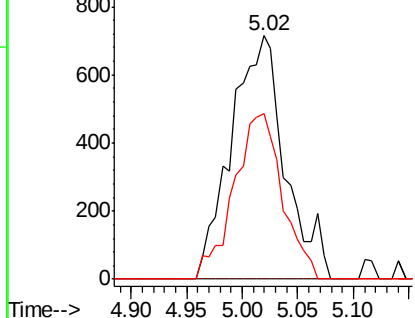
#28

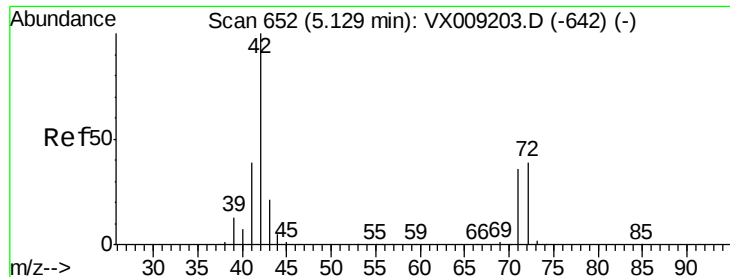
Bromochloromethane
 Concen: 1.136 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion: 49 Resp: 2407
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 61.1 51.2 76.8



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

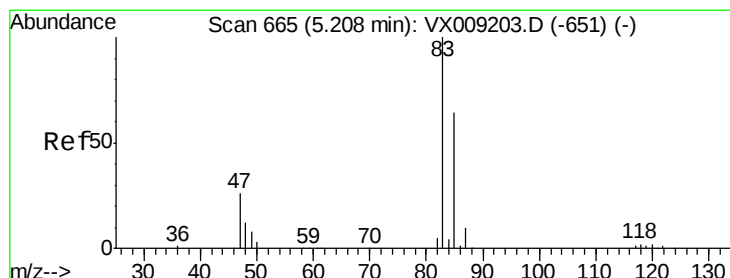
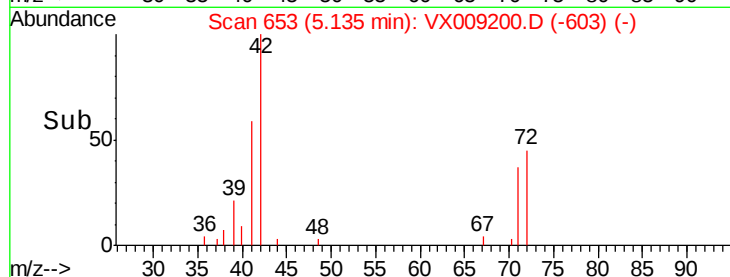
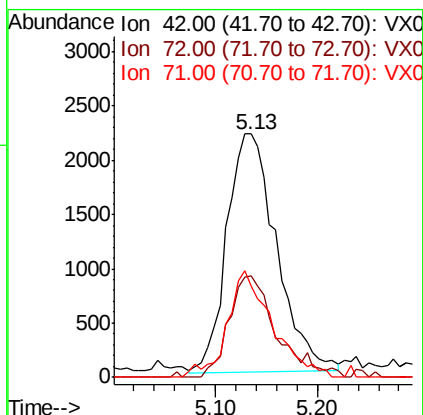
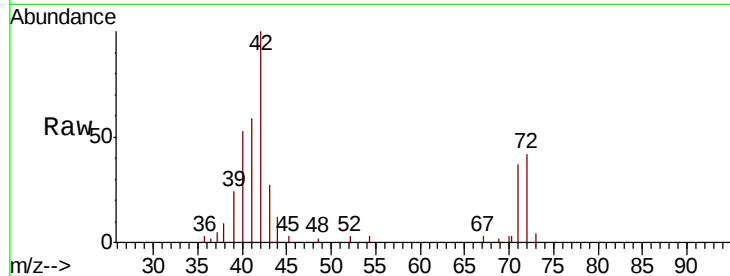




#29
Tetrahydrofuran
Concen: 4.808 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

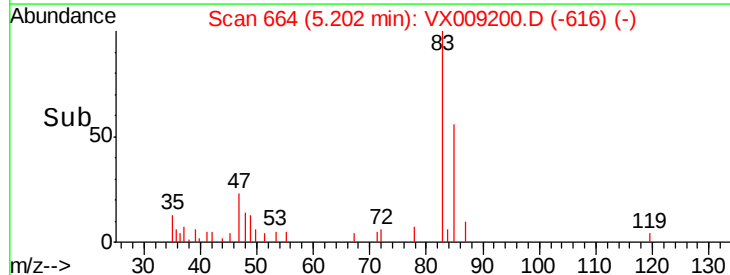
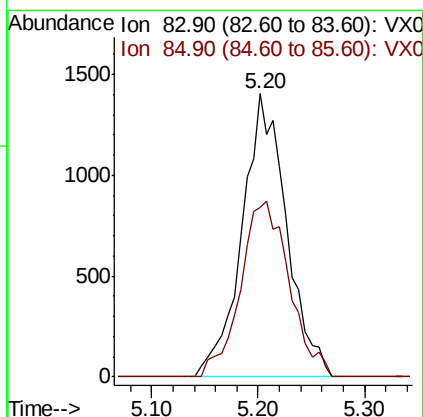
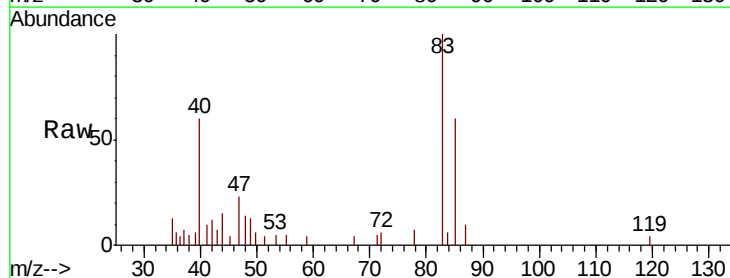
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

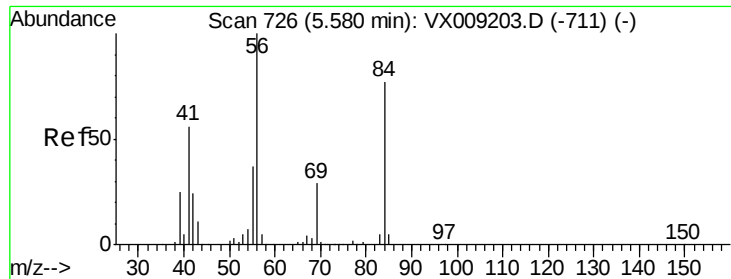
Tgt Ion: 42 Resp: 7414
Ion Ratio Lower Upper
42 100
72 40.8 30.4 45.6
71 40.6 28.6 43.0



#30
Chloroform
Concen: 1.016 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion: 83 Resp: 4101
Ion Ratio Lower Upper
83 100
85 59.9 51.5 77.3

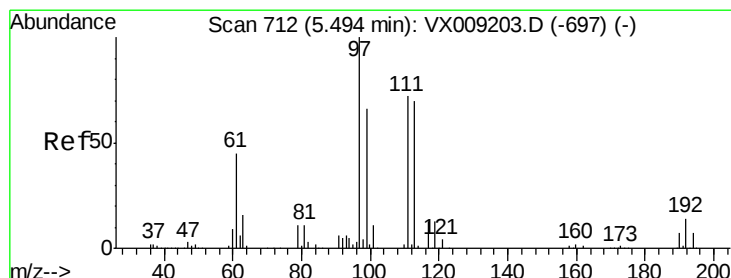
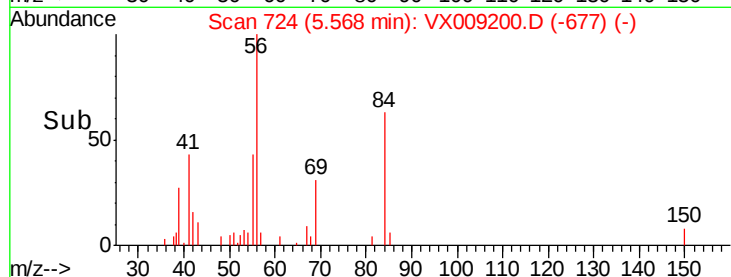
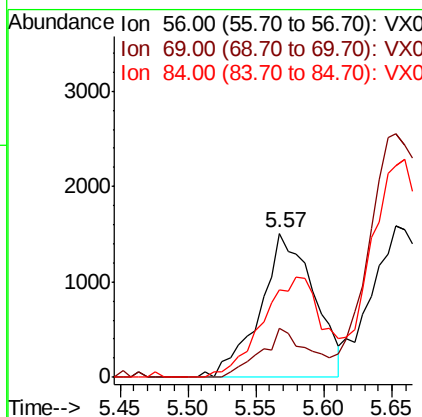
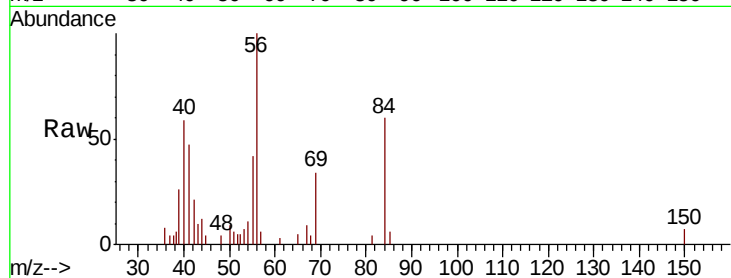




#31
Cyclohexane
Concen: 0.942 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

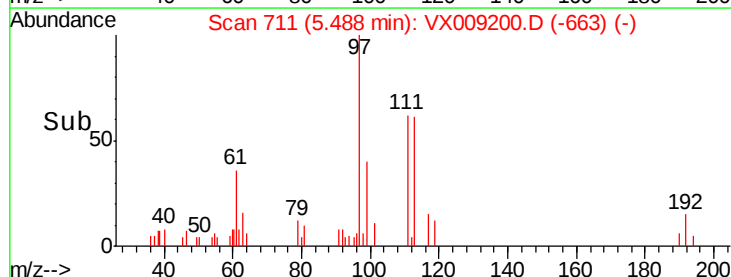
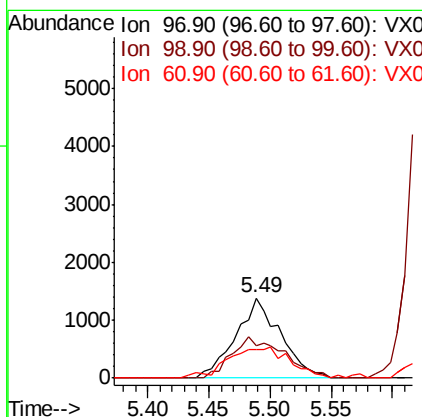
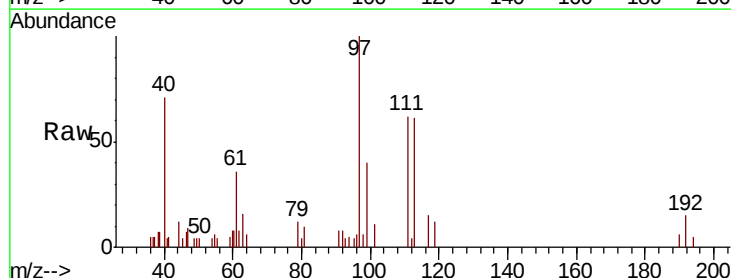
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 4153
Ion Ratio Lower Upper
56 100
69 35.4 23.4 35.0#
84 62.9 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 1.052 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion: 97 Resp: 3514
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8#
61 53.3 37.8 56.8

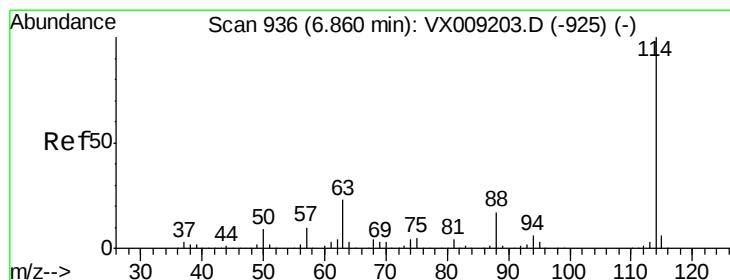
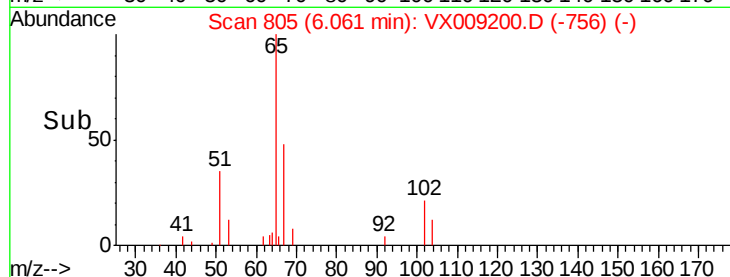
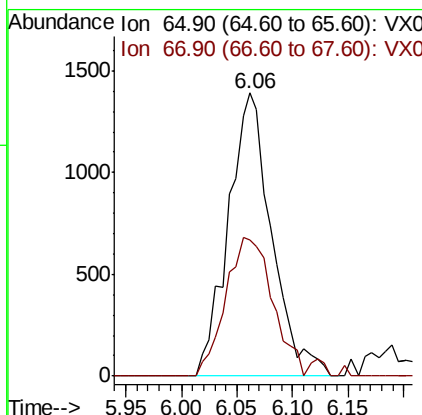
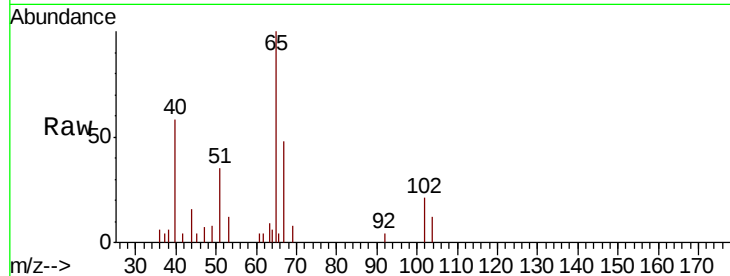




#33
 1,2-Dichloroethane-d4
 Concen: 1.337 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

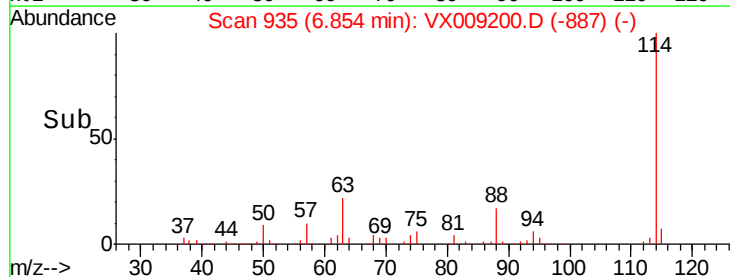
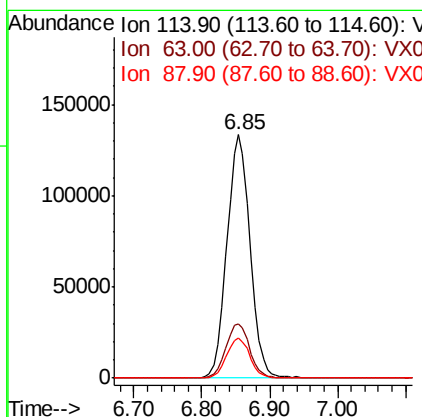
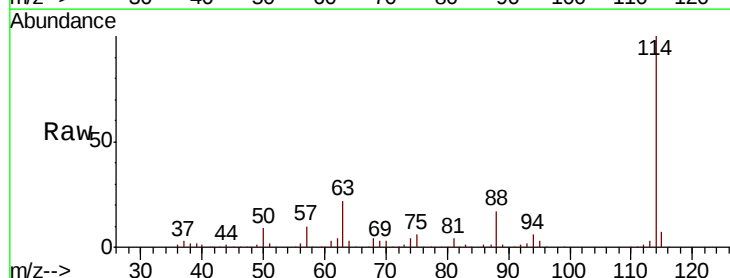
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

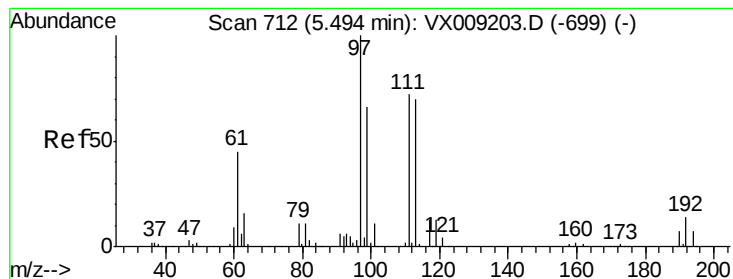
Tgt Ion: 65 Resp: 3755
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion: 114 Resp: 313731
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.6
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 1.287 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

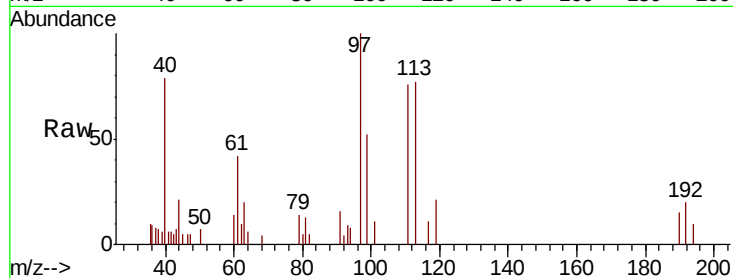
Tgt Ion:113 Resp: 2601

Ion Ratio Lower Upper

113 100

111 101.4 82.8 124.2

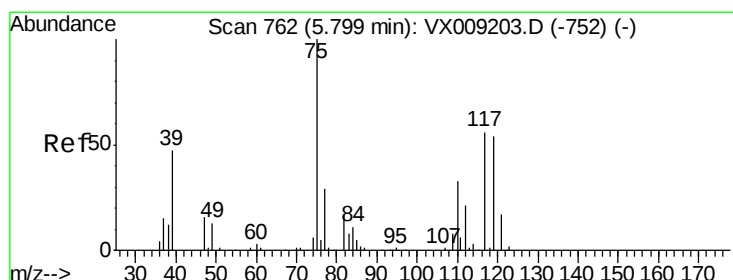
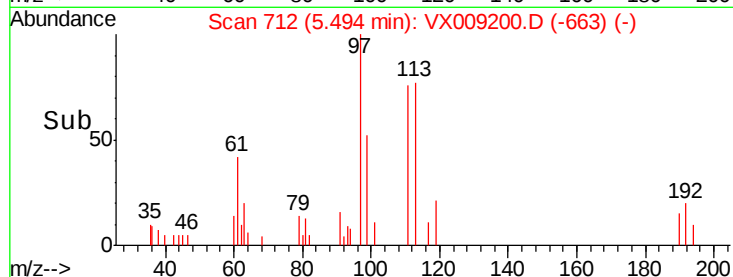
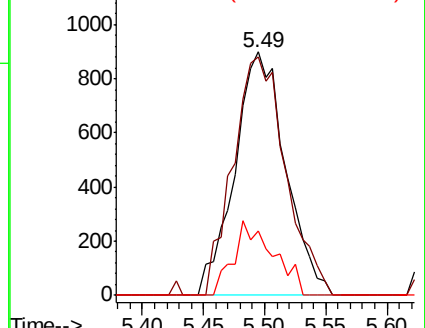
192 23.8 17.0 25.6



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: 0.988 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

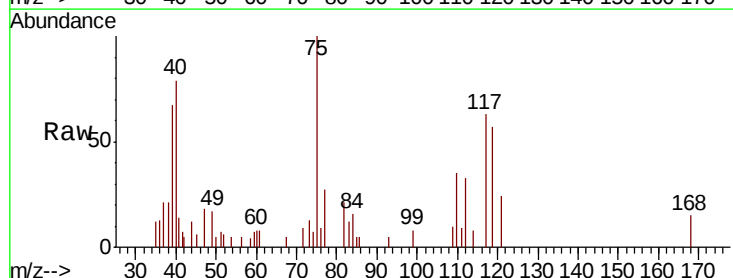
Tgt Ion: 75 Resp: 3176

Ion Ratio Lower Upper

75 100

110 40.8 16.9 50.6

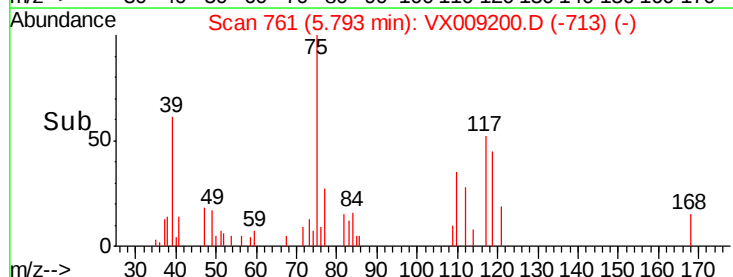
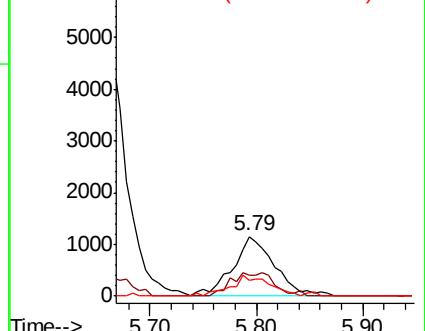
77 32.3 24.8 37.2

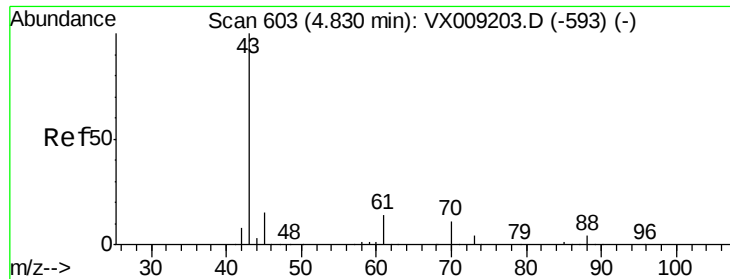


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.013 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

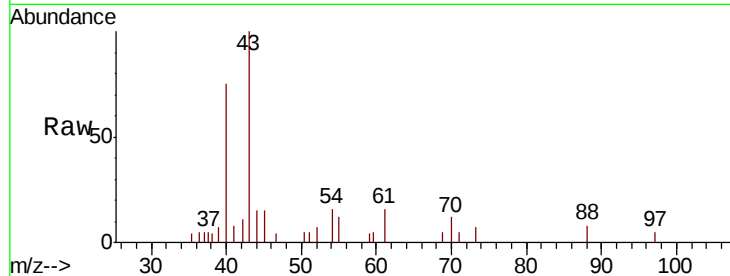
Tgt Ion: 43 Resp: 4190

Ion Ratio Lower Upper

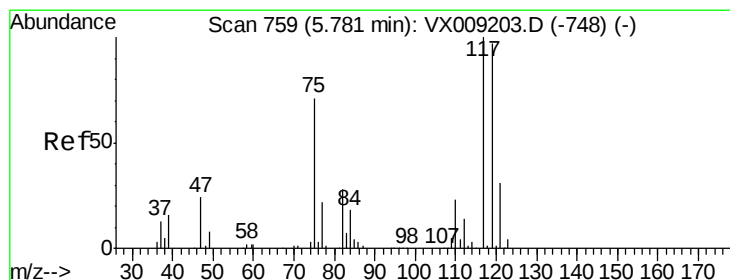
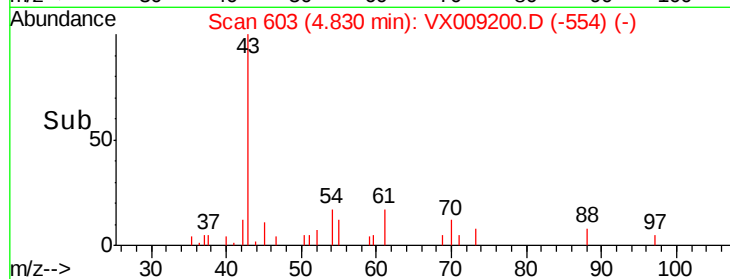
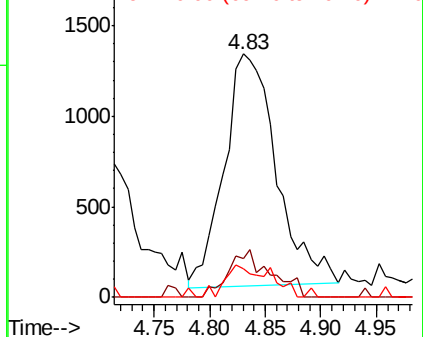
43 100

61 16.5 10.5 15.7#

70 8.7 7.9 11.9



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: 1.038 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

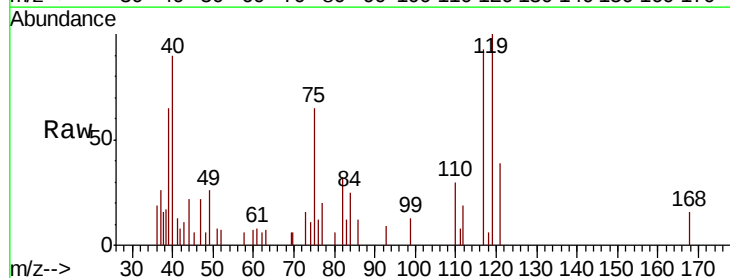
Tgt Ion: 117 Resp: 2841

Ion Ratio Lower Upper

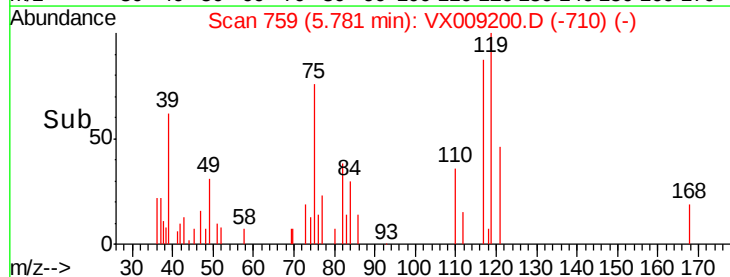
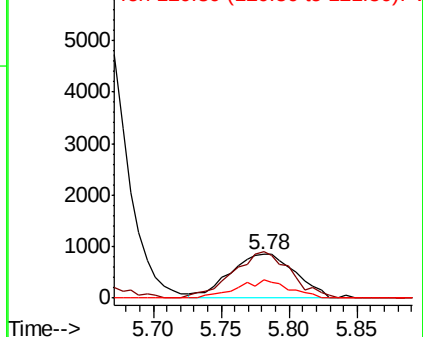
117 100

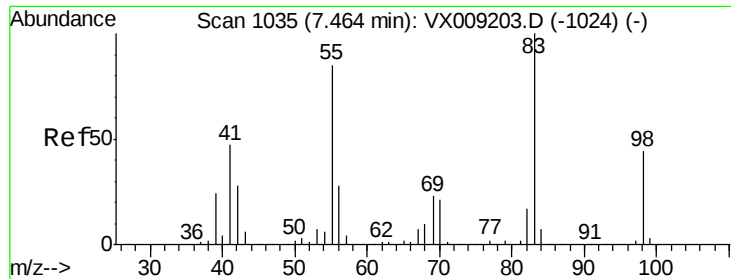
119 107.7 77.5 116.3

121 41.8 24.7 37.1#



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

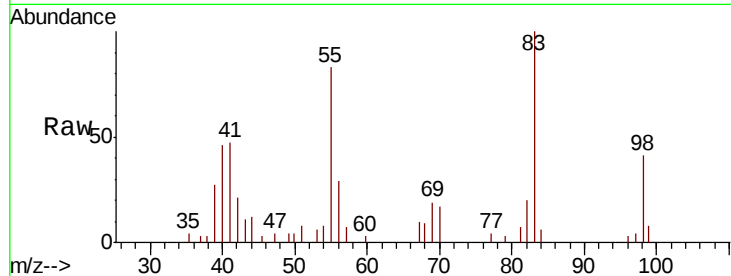




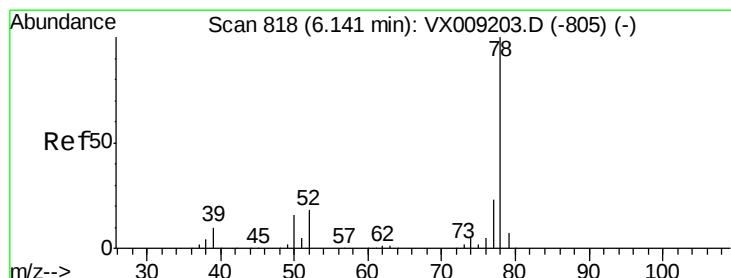
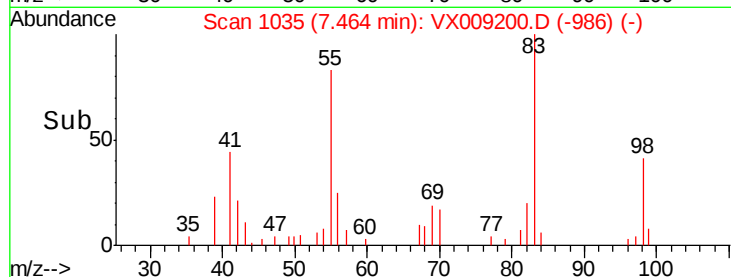
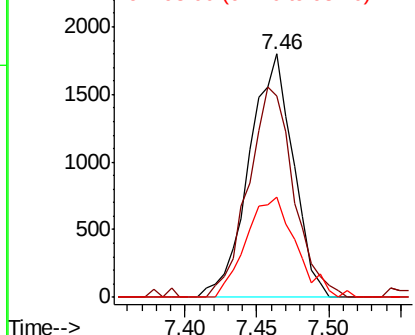
#39
Methylcyclohexane
Concen: 0.975 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 3811
Ion Ratio Lower Upper
83 100
55 82.7 67.7 101.5
98 40.9 35.5 53.3

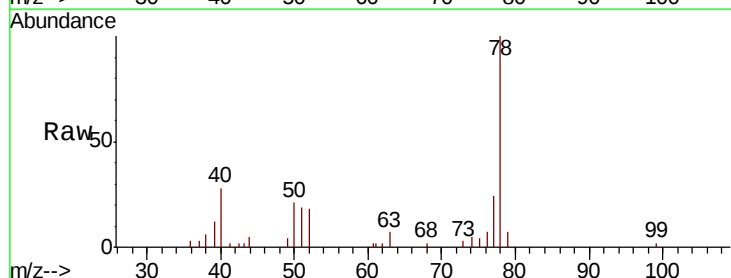


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

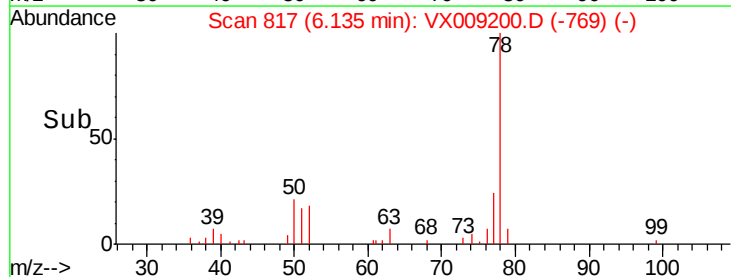
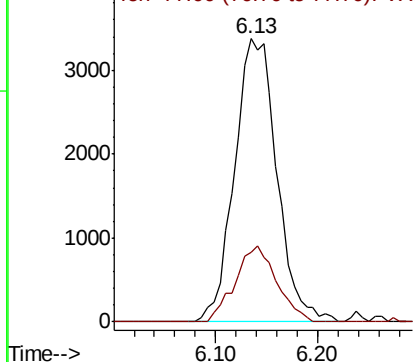


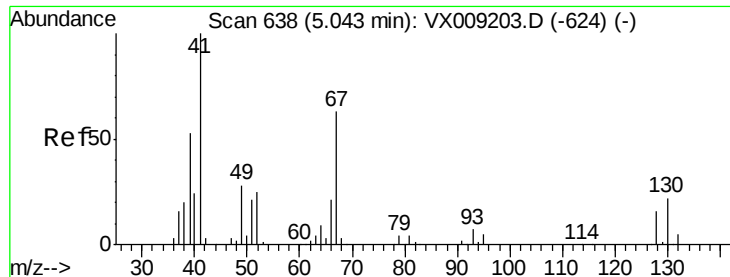
#40
Benzene
Concen: 1.024 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion: 78 Resp: 9742
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2



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





#41

Methacrylonitrile

Concen: 1.200 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 2866

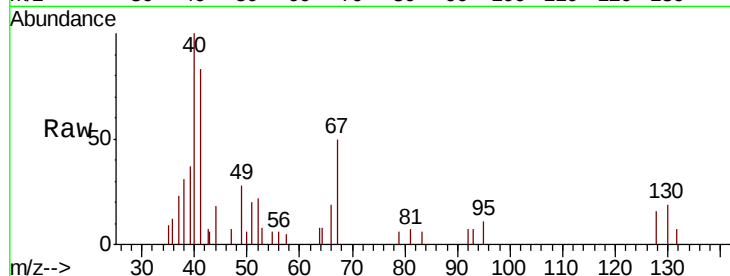
Ion Ratio Lower Upper

41 100

39 50.5 42.0 63.0

67 60.1 49.8 74.8

52 31.7 20.3 30.5#

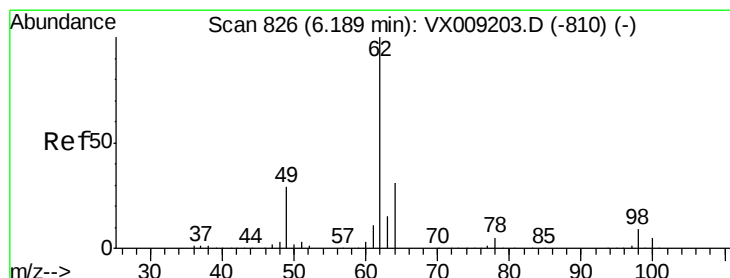
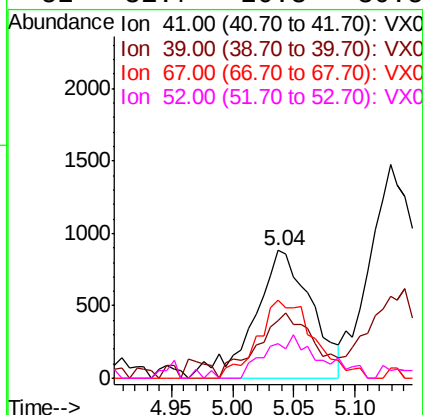
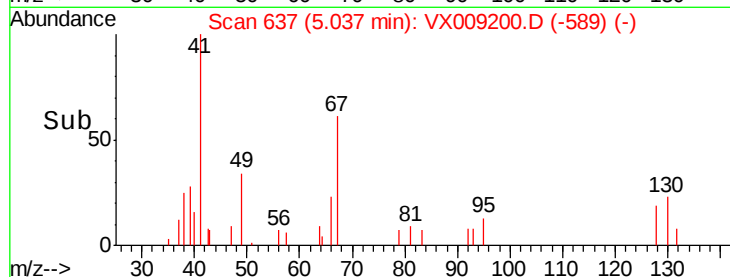


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.089 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009200.D

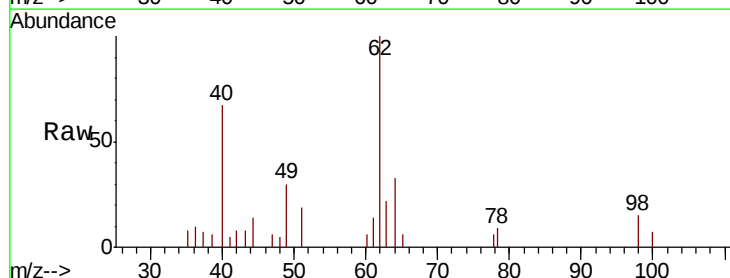
Acq: 29 Apr 2019 11:47

Tgt Ion: 62 Resp: 3673

Ion Ratio Lower Upper

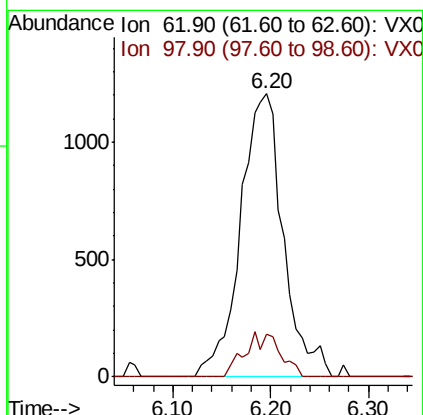
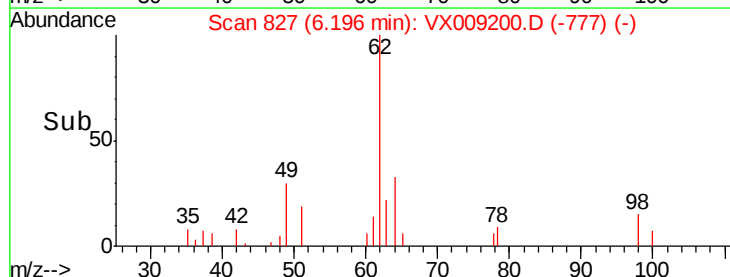
62 100

98 12.9 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.992 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

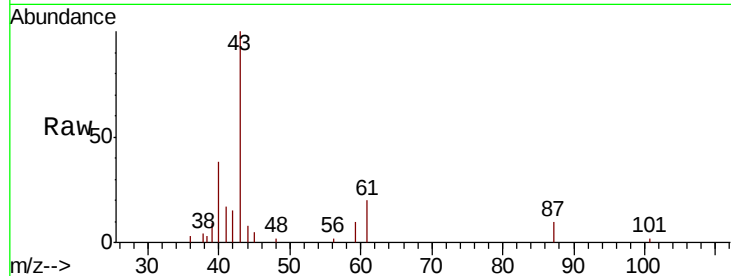
Tgt Ion: 43 Resp: 6638

Ion Ratio Lower Upper

43 100

61 22.0 15.1 22.7

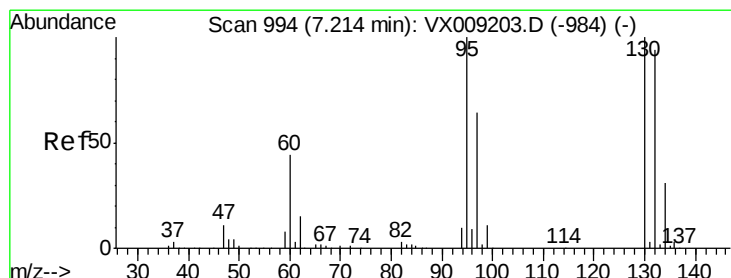
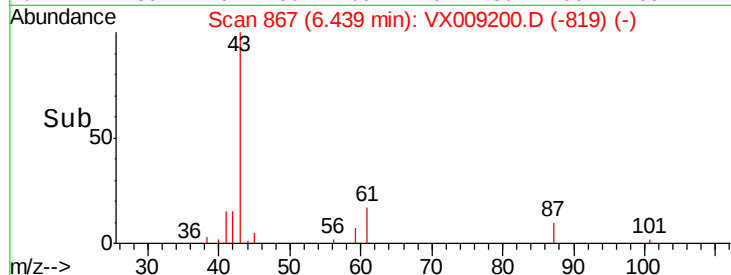
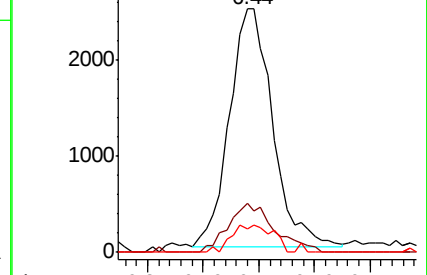
87 11.2 9.0 13.6



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: 1.075 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009200.D

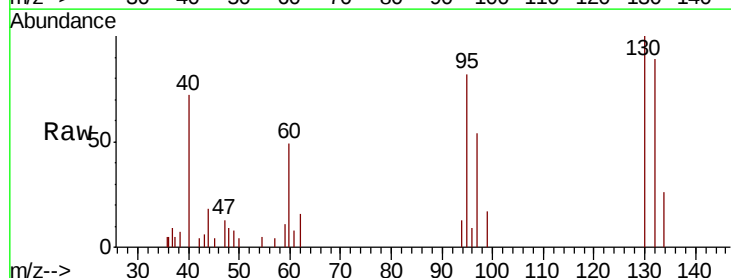
Acq: 29 Apr 2019 11:47

Tgt Ion: 130 Resp: 2502

Ion Ratio Lower Upper

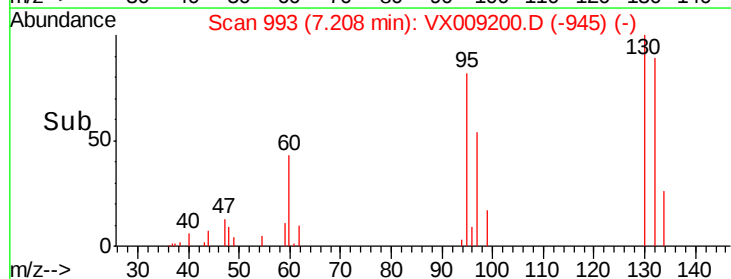
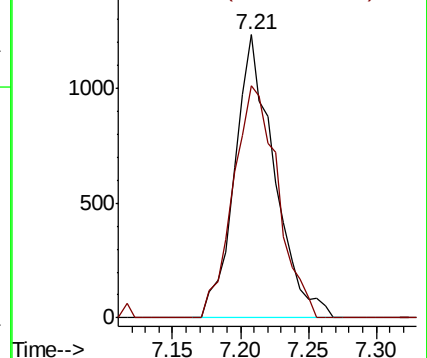
130 100

95 82.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

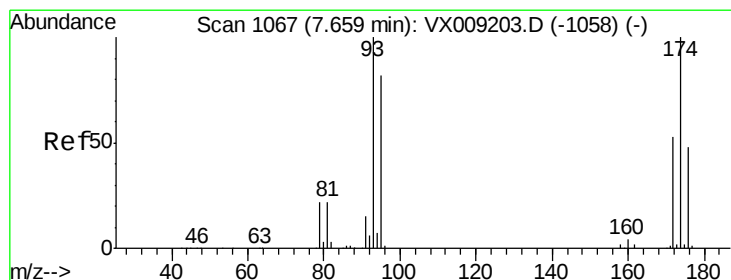
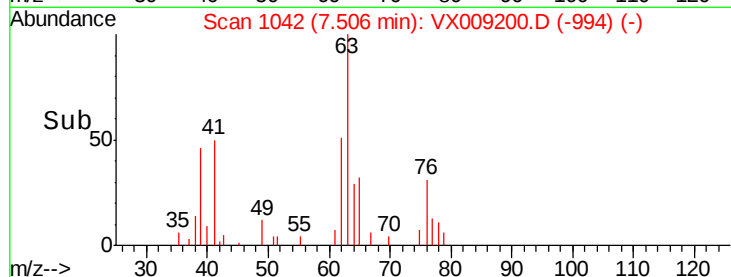
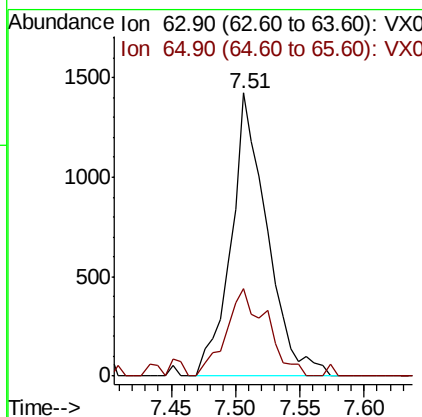
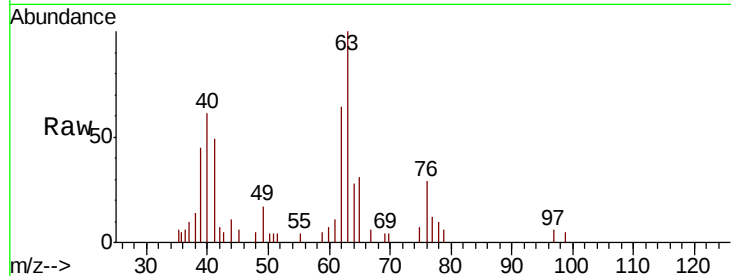




#45
 1,2-Dichloropropane
 Concen: 1.044 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

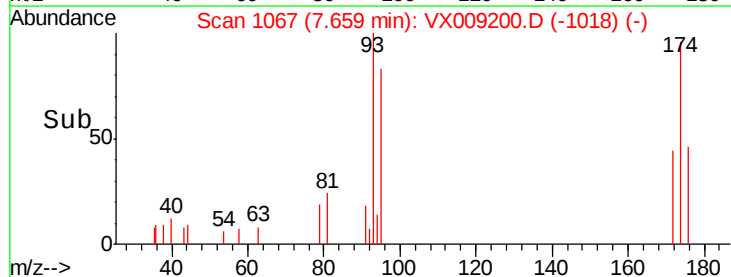
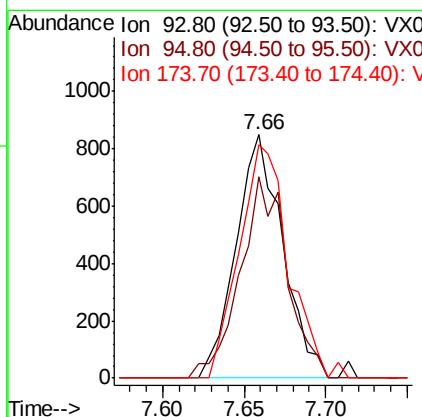
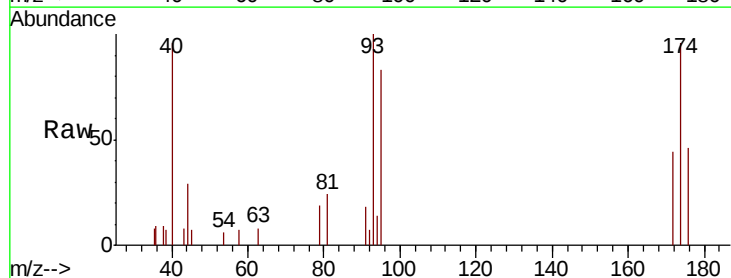
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

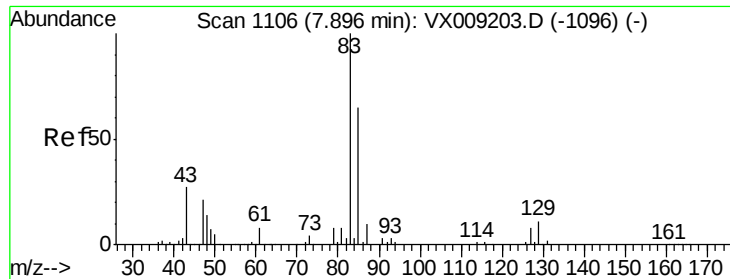
Tgt Ion: 63 Resp: 2761
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 1.102 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion: 93 Resp: 1694
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.5 99.7
 174 101.7 82.1 123.1





#47

Bromodichloromethane

Concen: 1.050 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

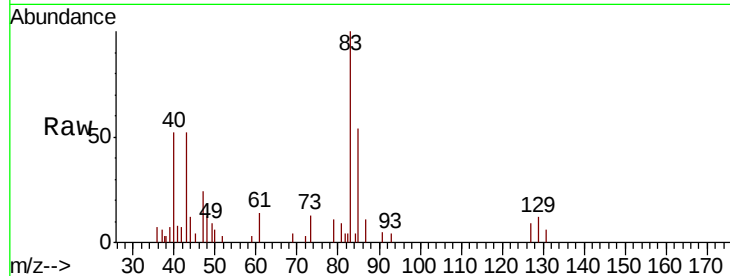
Tgt Ion: 83 Resp: 3173

Ion Ratio Lower Upper

83 100

85 53.9 52.4 78.6

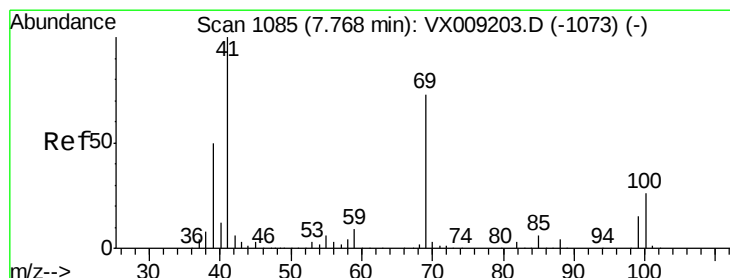
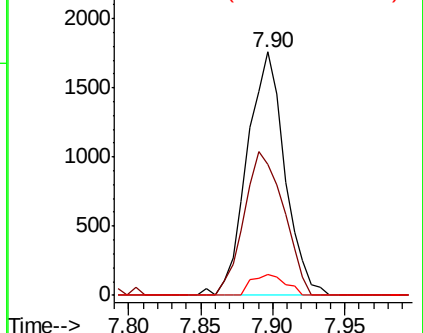
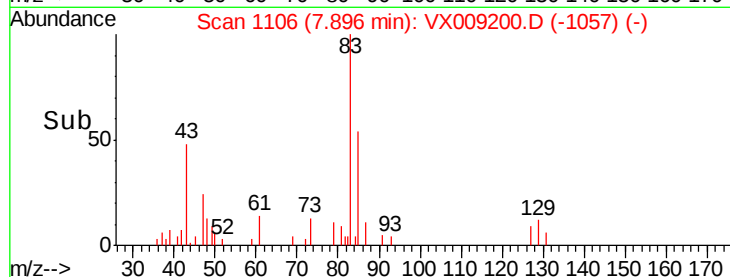
127 8.8 6.6 10.0



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: 0.975 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

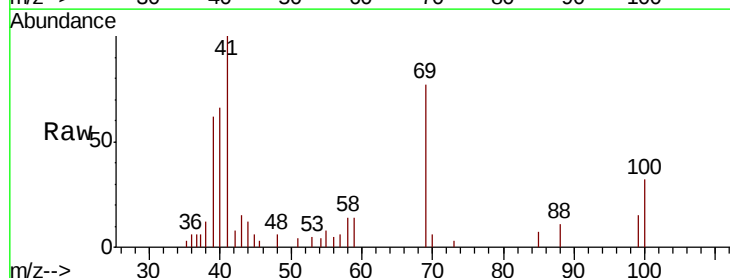
Tgt Ion: 41 Resp: 3224

Ion Ratio Lower Upper

41 100

69 75.7 59.1 88.7

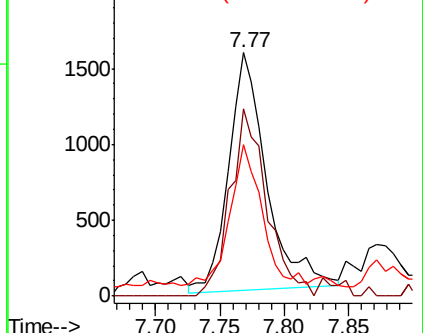
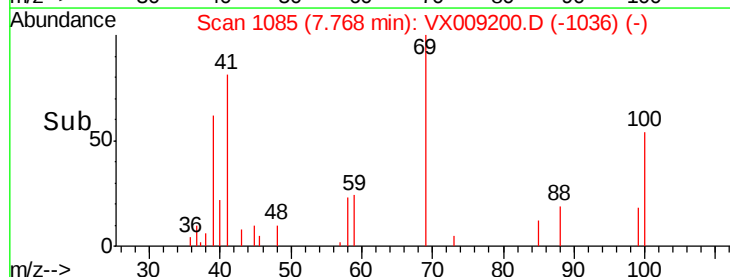
39 49.1 40.4 60.6

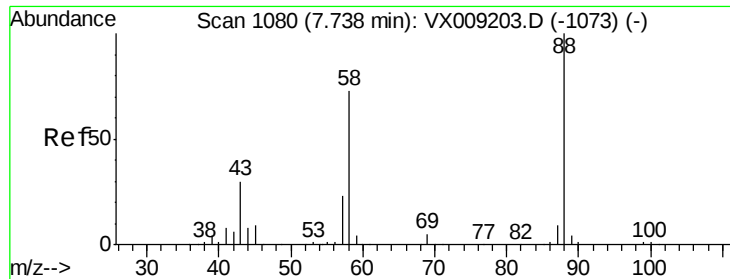


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

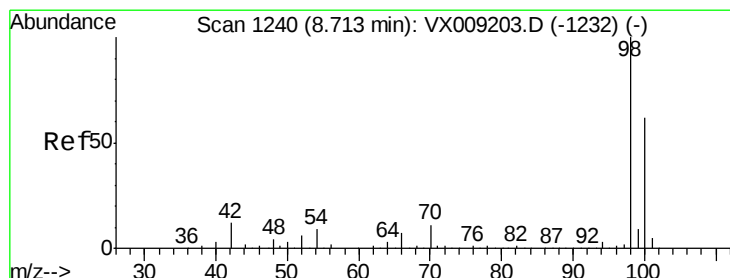
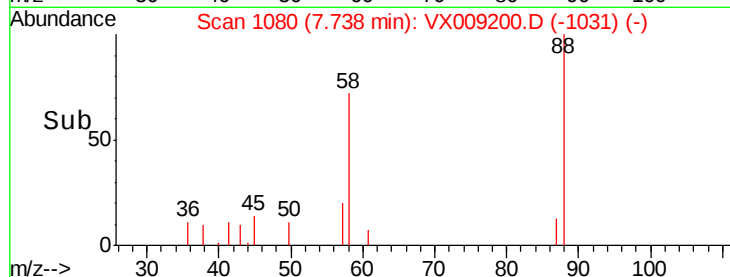
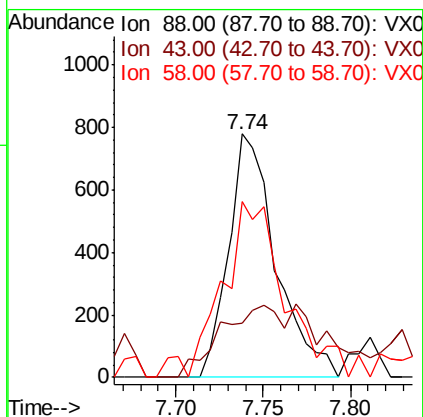
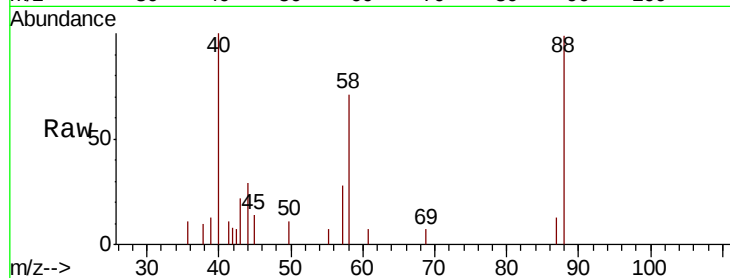




#49
1,4-Dioxane
Concen: 23.281 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

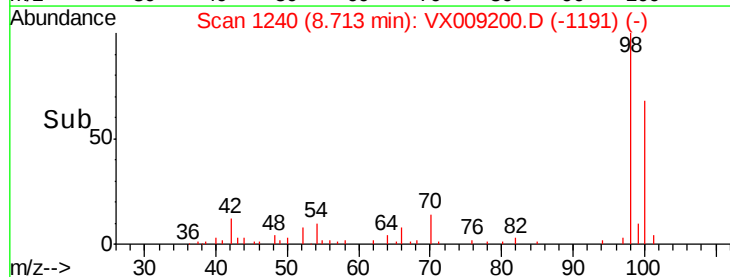
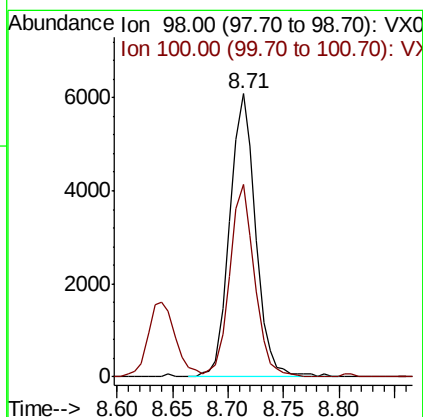
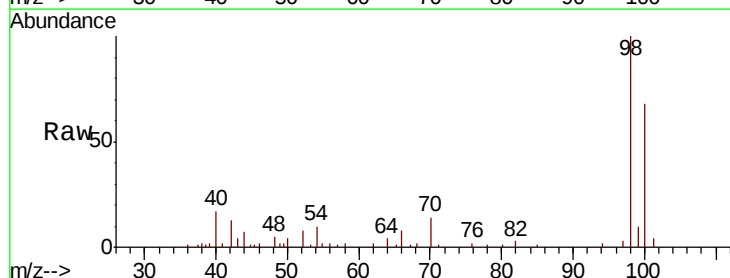
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

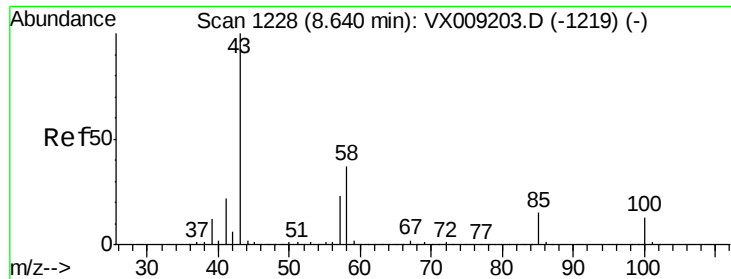
Tgt Ion: 88 Resp: 1472
Ion Ratio Lower Upper
88 100
43 38.2 28.6 42.8
58 96.1 61.7 92.5#



#50
Toluene-d8
Concen: 1.216 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion: 98 Resp: 9820
Ion Ratio Lower Upper
98 100
100 65.4 51.2 76.8

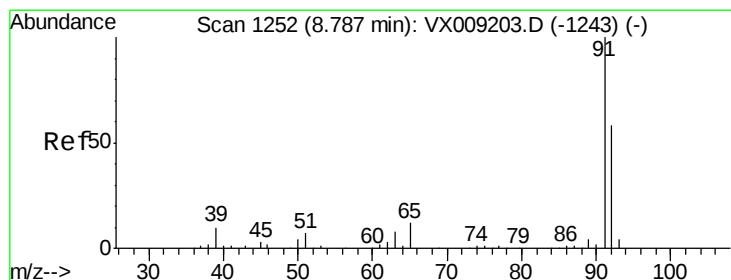
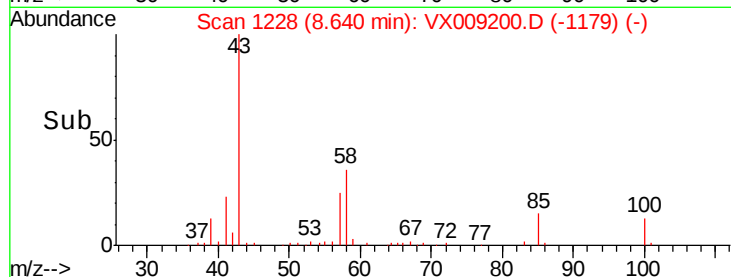
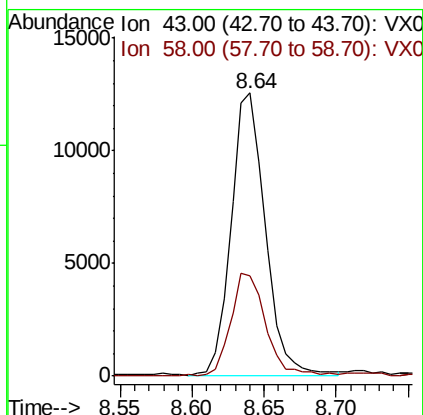
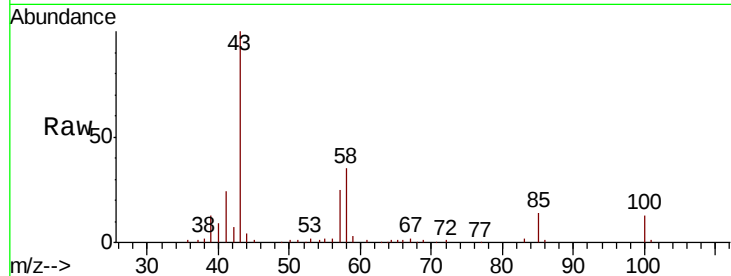




#51
 4-Methyl-2-Pentanone
 Concen: 4.899 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

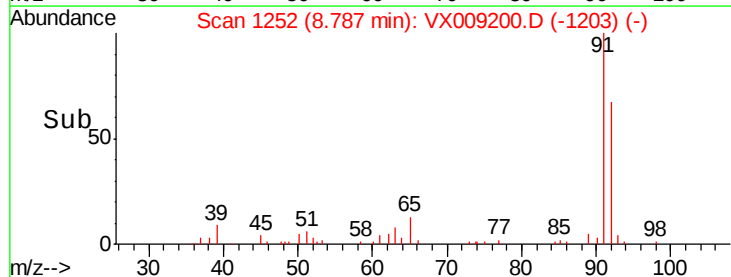
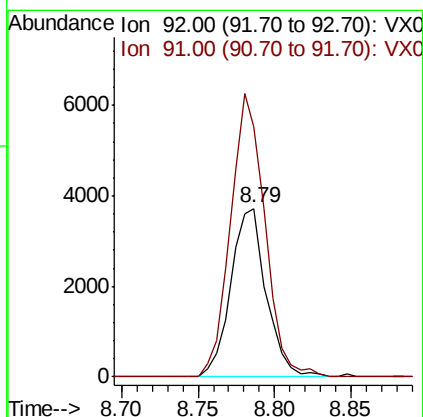
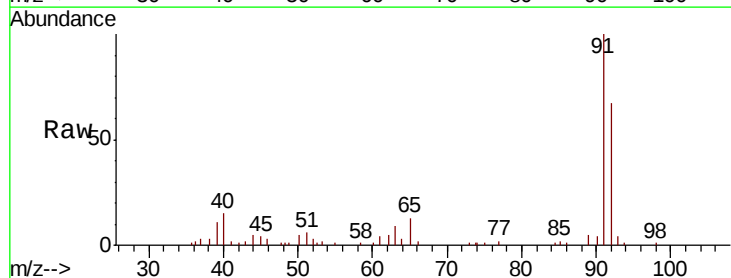
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

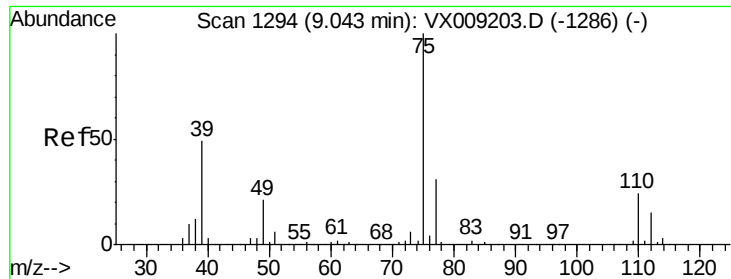
Tgt Ion: 43 Resp: 20967
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.5 44.3



#52
 Toluene
 Concen: 1.044 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion: 92 Resp: 5965
 Ion Ratio Lower Upper
 92 100
 91 163.2 138.8 208.2

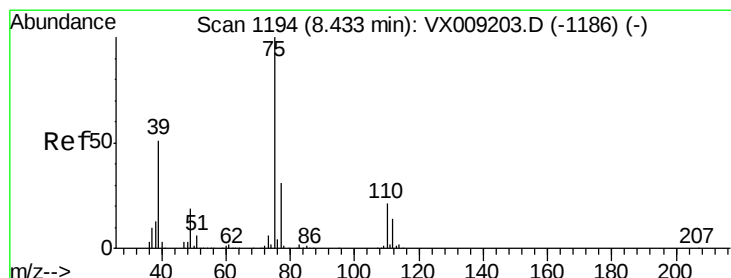
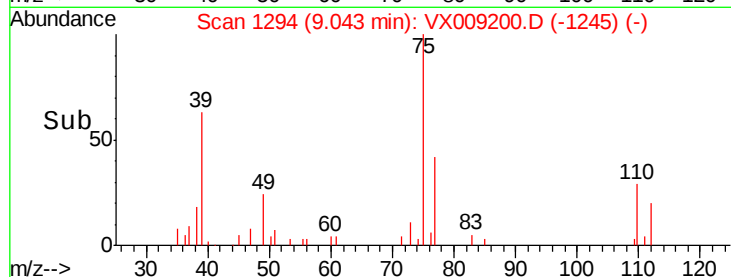
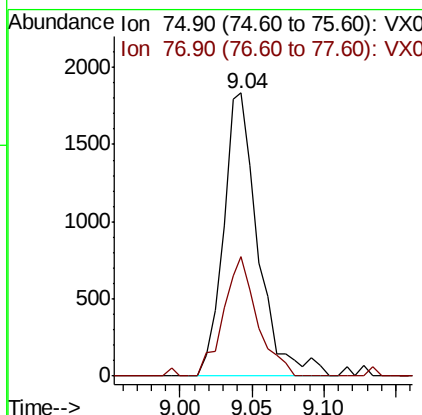
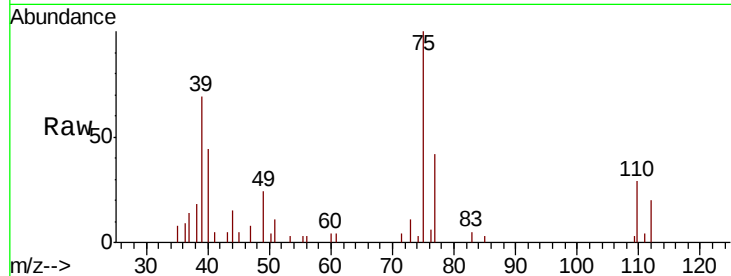




#53
 t-1,3-Dichloropropene
 Concen: 0.891 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

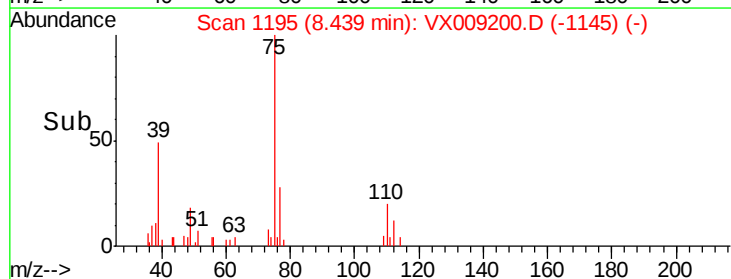
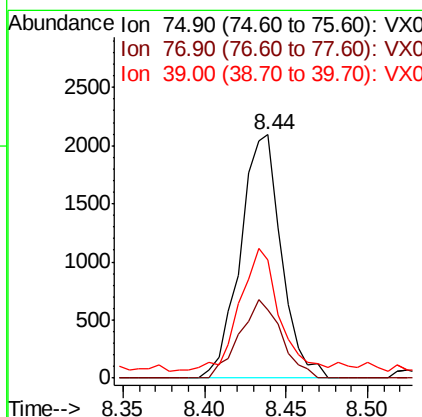
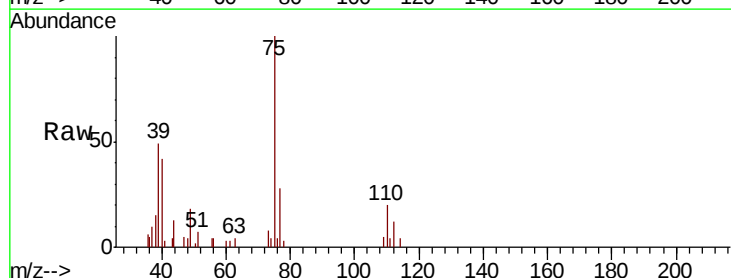
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 3082
 Ion Ratio Lower Upper
 75 100
 77 42.1 25.0 37.6#



#54
 cis-1,3-Dichloropropene
 Concen: 0.945 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion: 75 Resp: 3672
 Ion Ratio Lower Upper
 75 100
 77 28.2 24.6 36.8
 39 45.6 40.6 60.8





#55

1,1,2-Trichloroethane

Concen: 1.016 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 2307

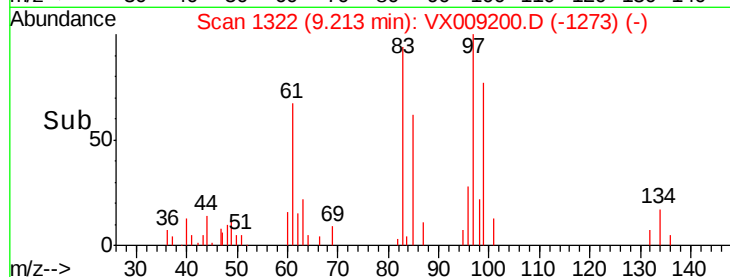
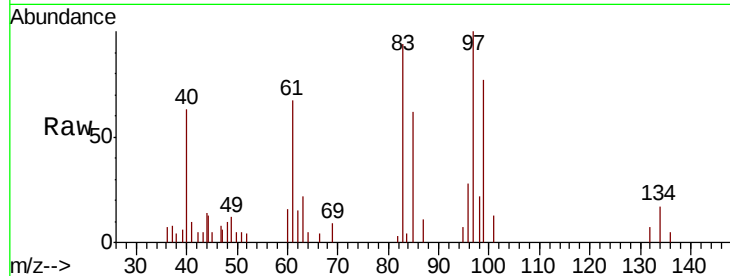
Ion Ratio Lower Upper

97 100

83 93.8 68.9 103.3

85 62.2 43.8 65.6

99 73.6 48.2 72.2#

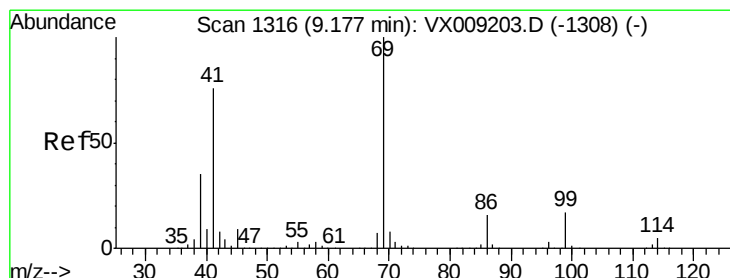
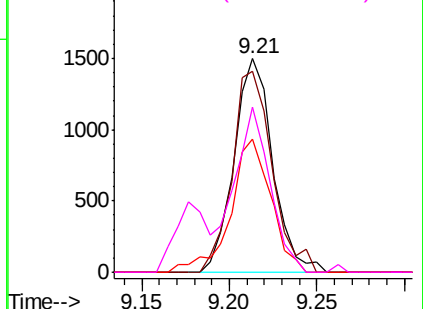


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.935 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

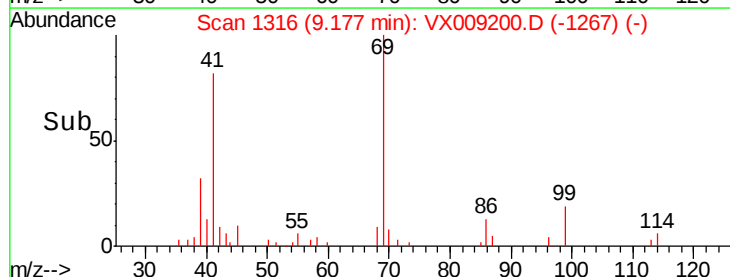
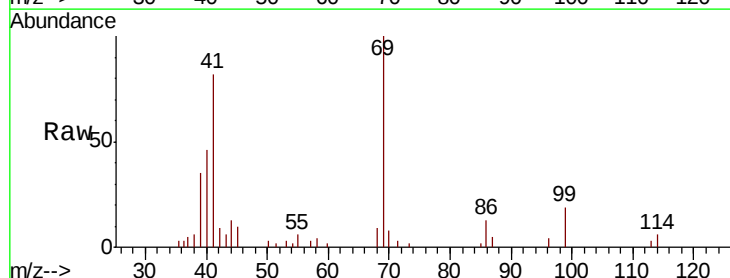
Tgt Ion: 69 Resp: 3805

Ion Ratio Lower Upper

69 100

41 83.0 60.6 90.8

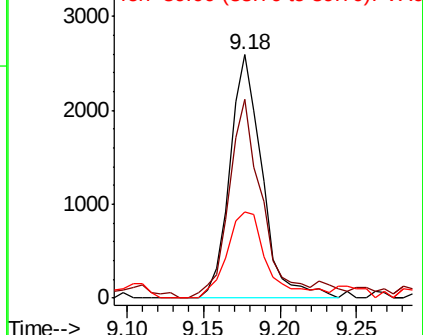
39 42.7 28.2 42.4#

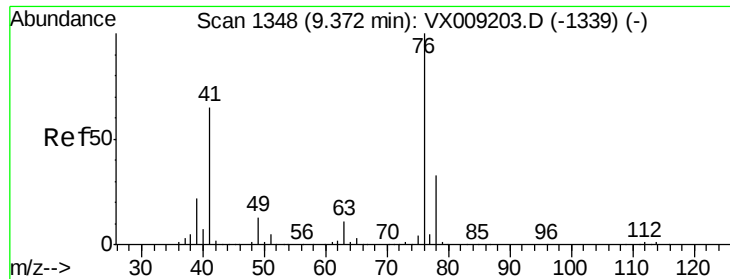


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.054 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

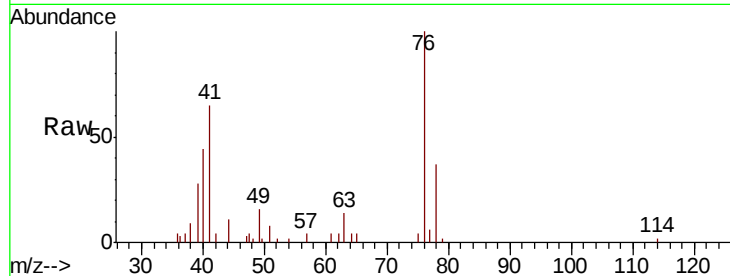
VSTDIC001

Tgt Ion: 76 Resp: 4248

Ion Ratio Lower Upper

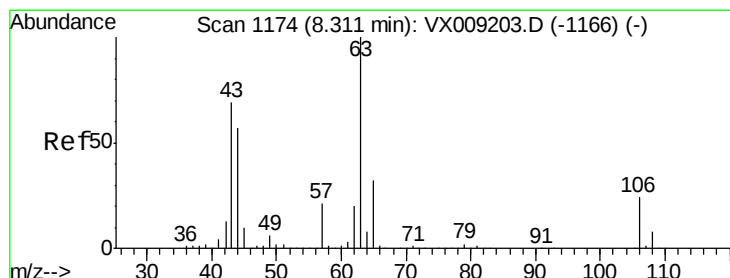
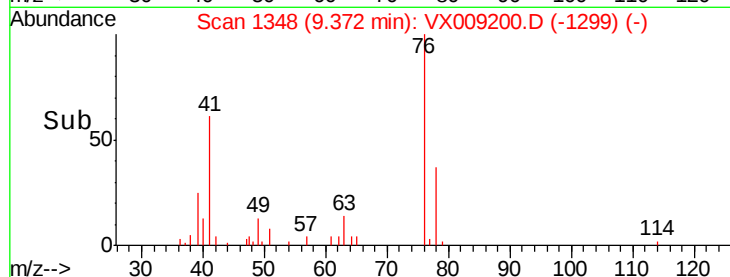
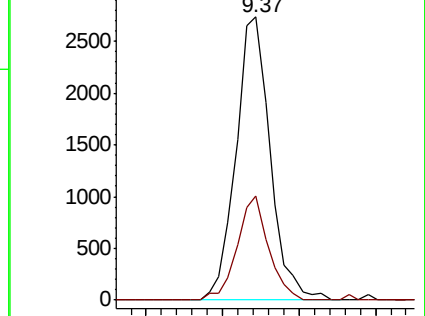
76 100

78 33.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.674 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009200.D

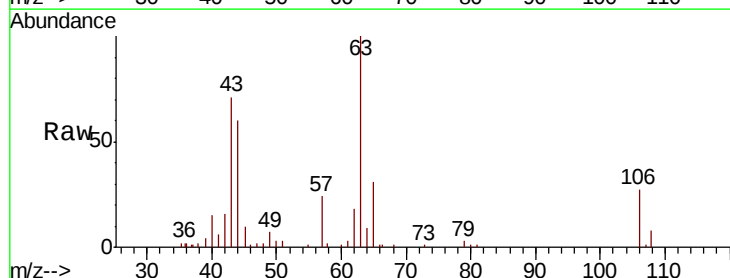
Acq: 29 Apr 2019 11:47

Tgt Ion: 63 Resp: 10268

Ion Ratio Lower Upper

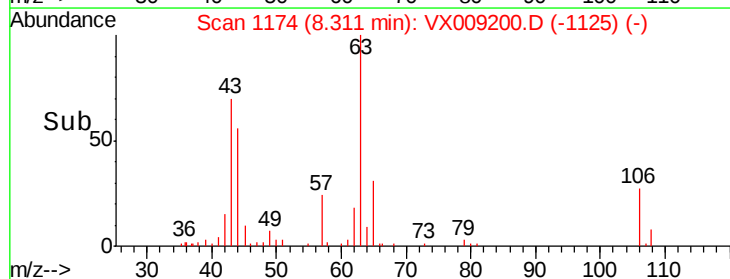
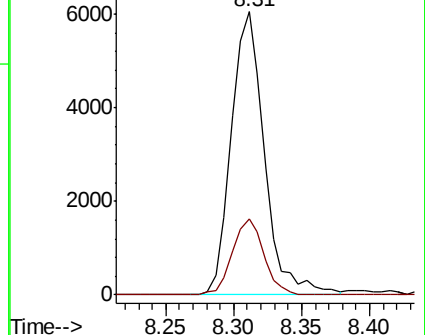
63 100

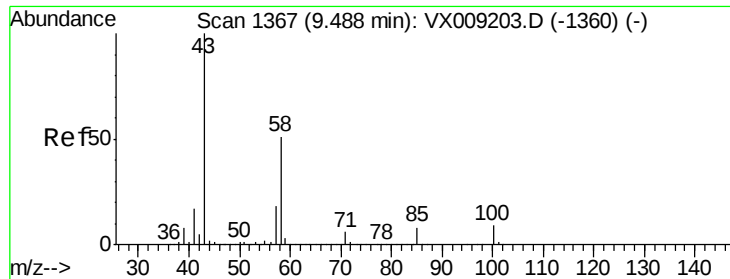
106 25.4 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

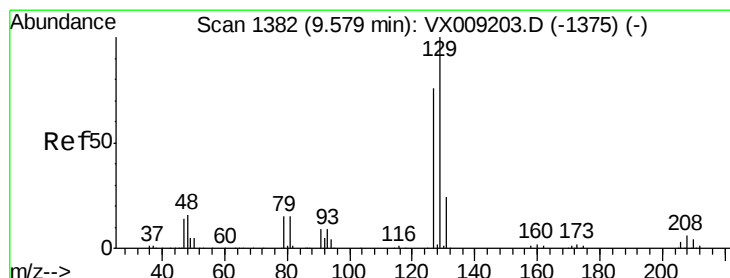
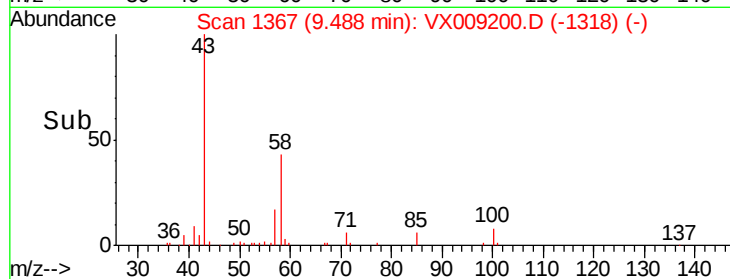
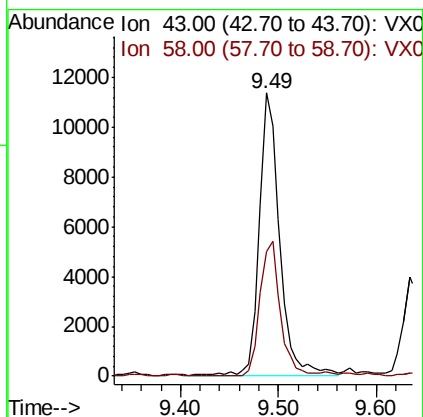
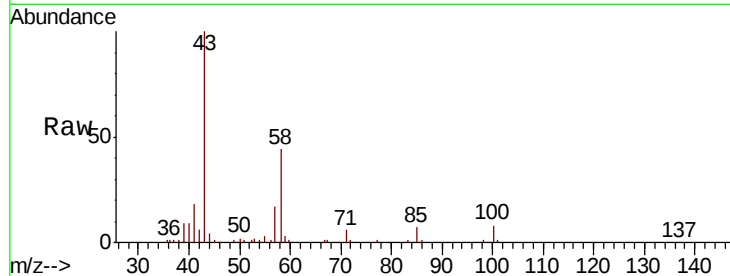




#59
2-Hexanone
Concen: 5.005 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

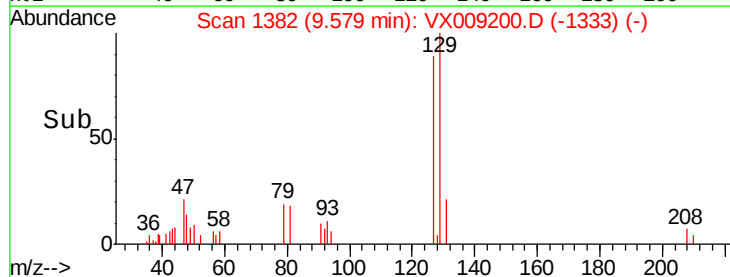
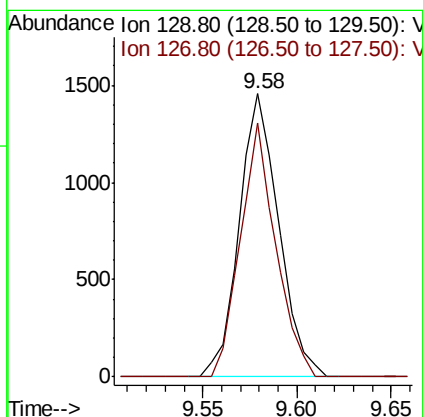
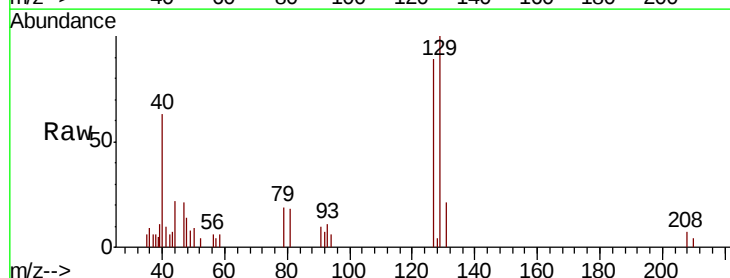
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

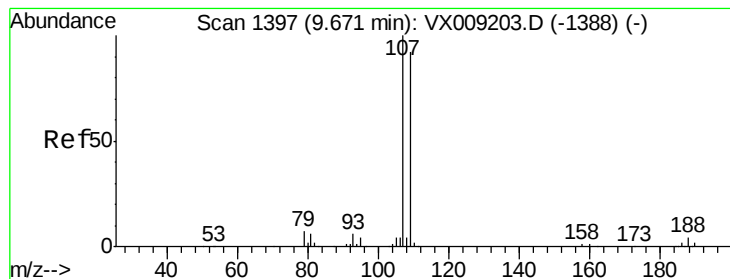
Tgt Ion: 43 Resp: 16600
Ion Ratio Lower Upper
43 100
58 47.4 25.9 77.7



#60
Dibromochloromethane
Concen: 0.972 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion: 129 Resp: 2116
Ion Ratio Lower Upper
129 100
127 80.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 1.023 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

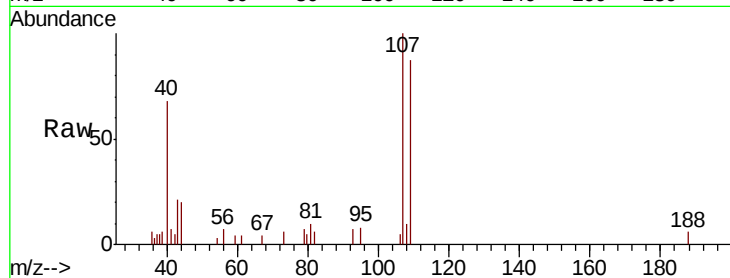
VSTDIC001

Tgt Ion: 107 Resp: 2387

Ion Ratio Lower Upper

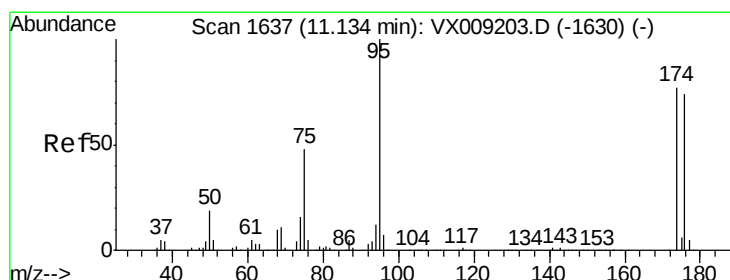
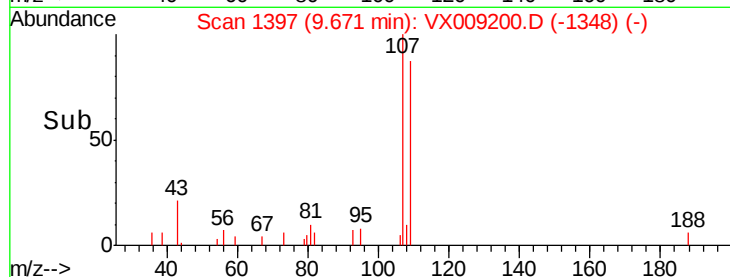
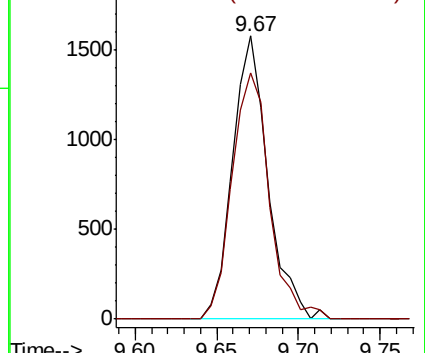
107 100

109 92.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.068 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

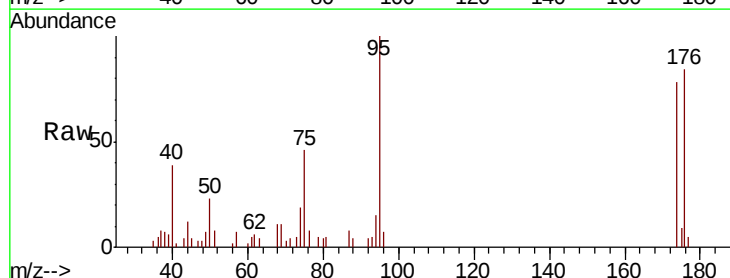
Tgt Ion: 95 Resp: 3058

Ion Ratio Lower Upper

95 100

174 85.7 0.0 161.6

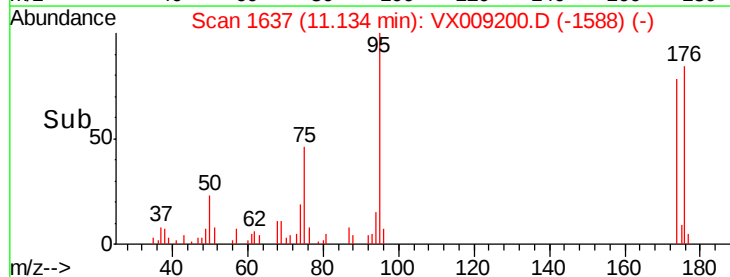
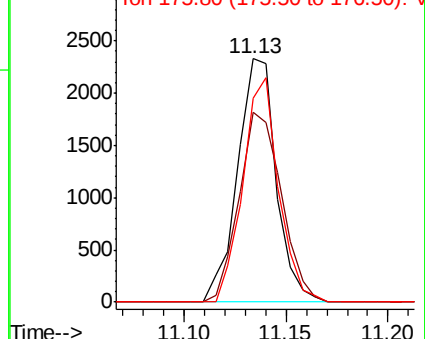
176 85.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

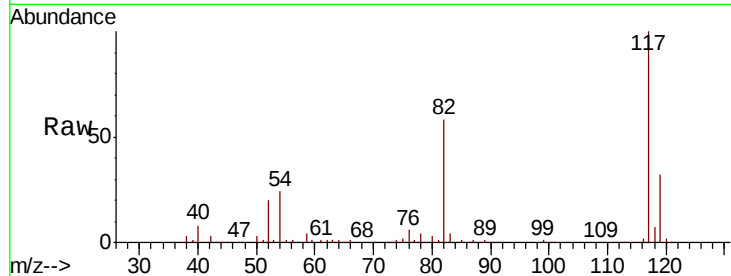




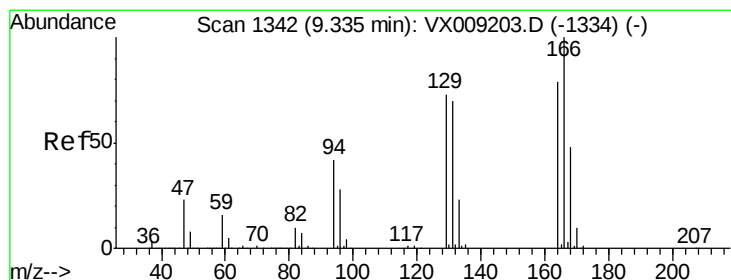
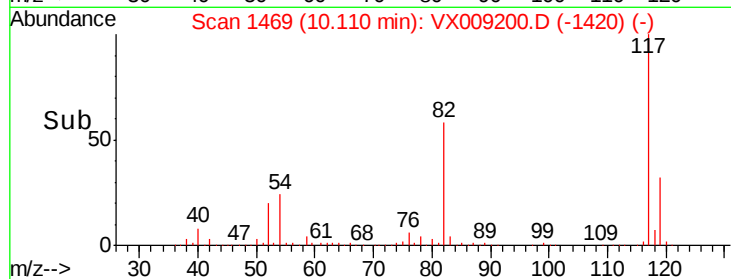
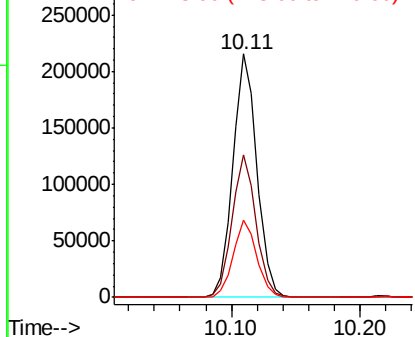
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 280187
Ion Ratio Lower Upper
117 100
82 58.4 48.8 73.2
119 31.8 25.8 38.6

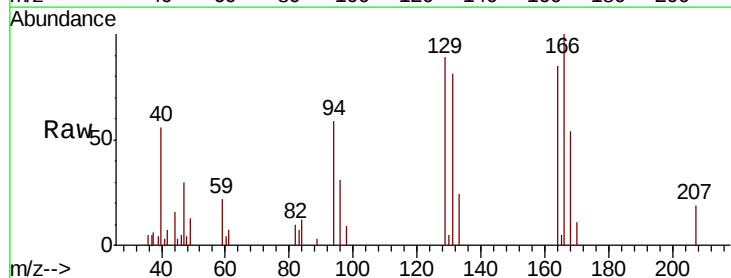


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

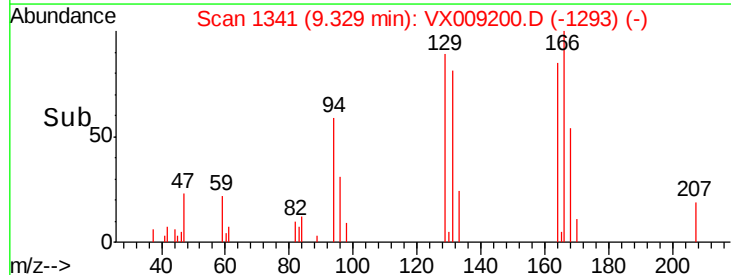
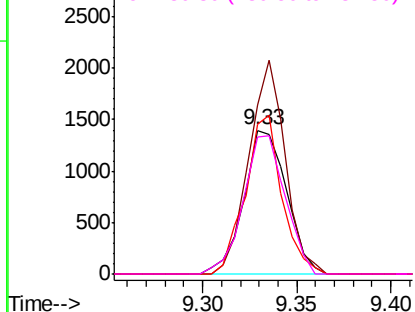


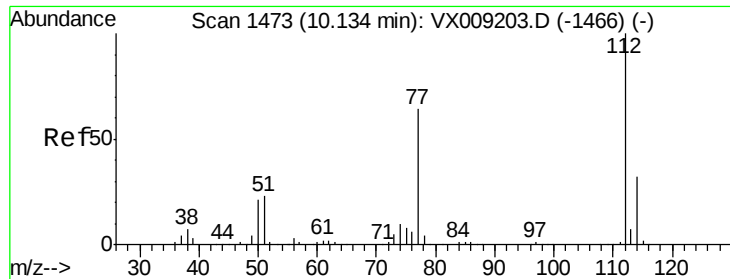
#64
Tetrachloroethene
Concen: 1.044 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion:164 Resp: 2198
Ion Ratio Lower Upper
164 100
166 117.4 101.2 151.8
129 104.5 74.3 111.5
131 95.1 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

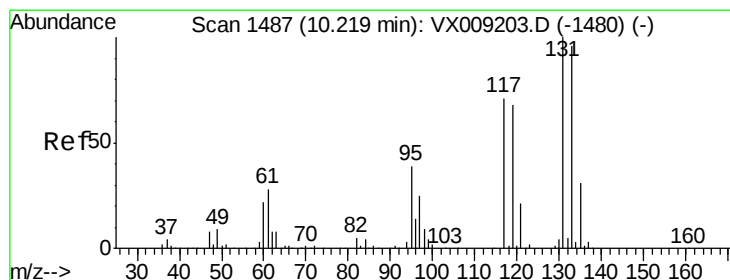
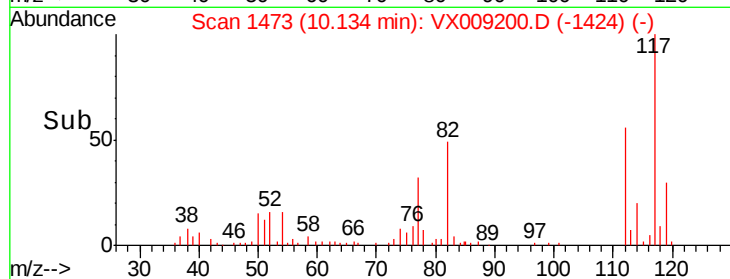
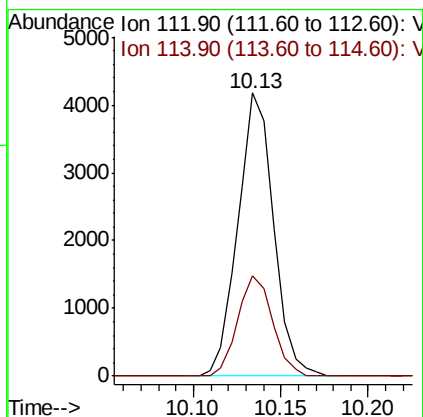
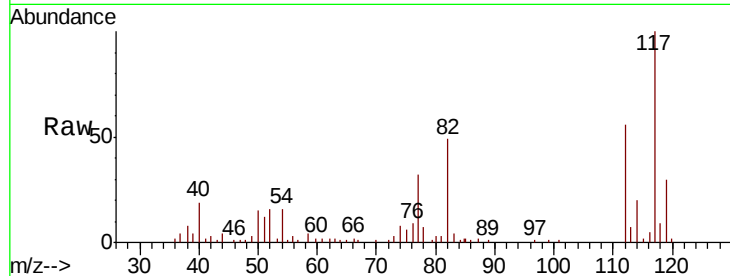




#65
Chlorobenzene
Concen: 1.001 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

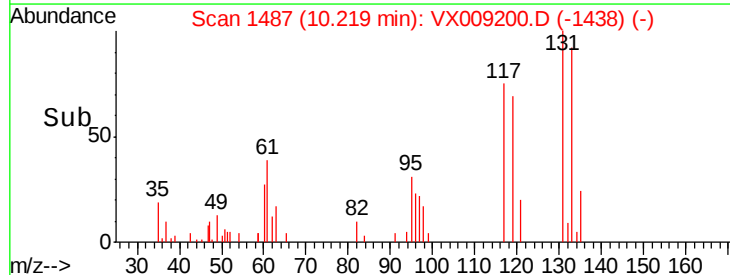
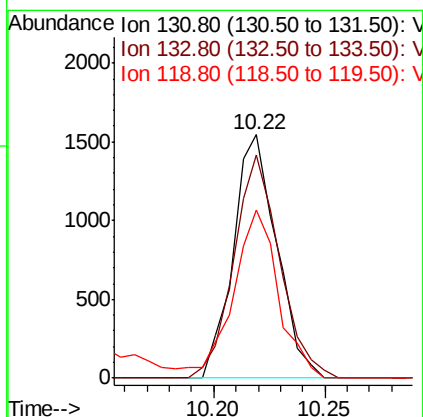
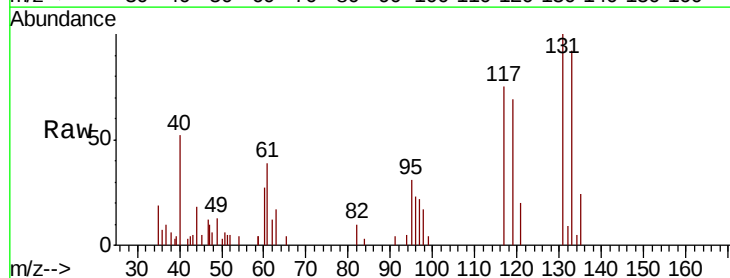
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

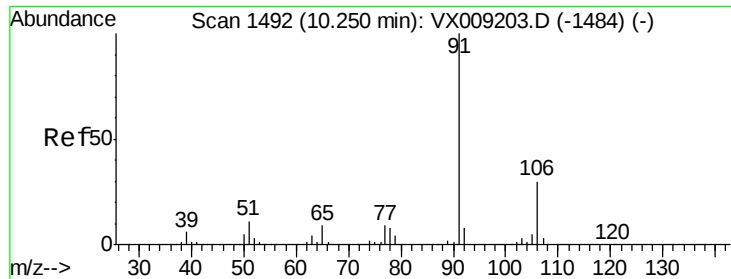
Tgt Ion:112 Resp: 5914
Ion Ratio Lower Upper
112 100
114 35.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 1.011 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion:131 Resp: 2102
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 0.0 33.5 100.4#

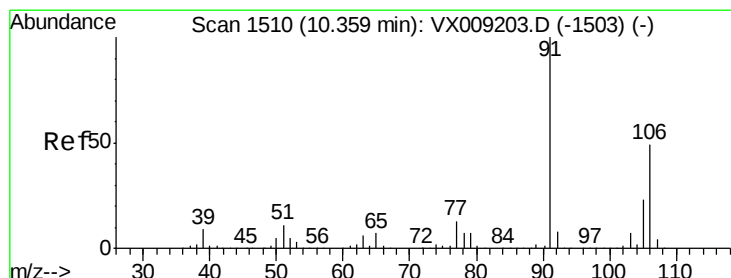
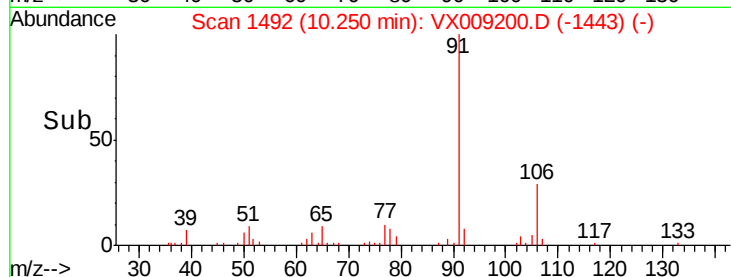
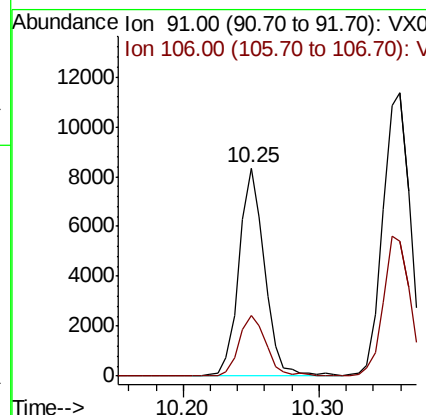
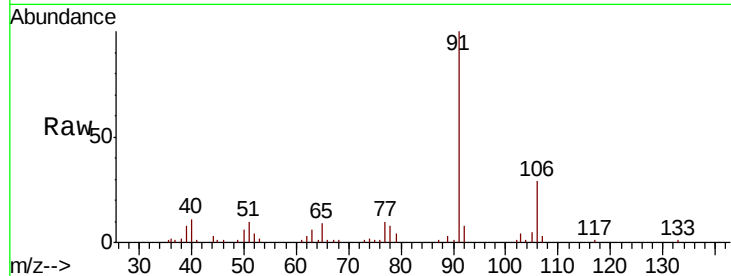




#67
Ethyl Benzene
Concen: 1.012 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

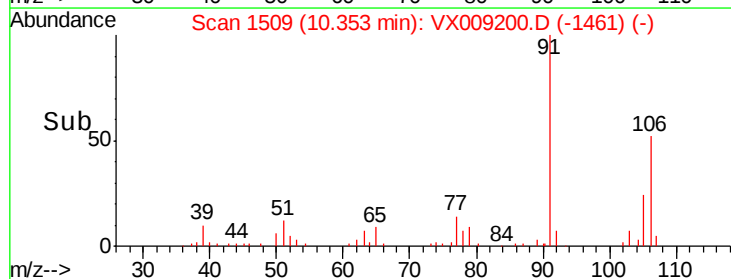
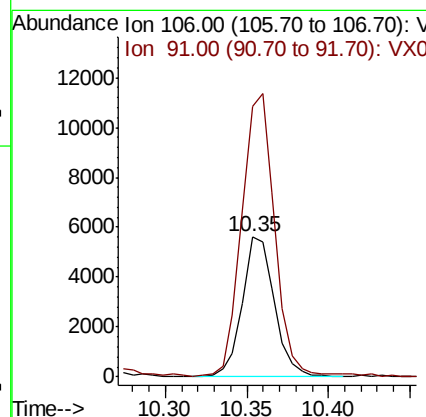
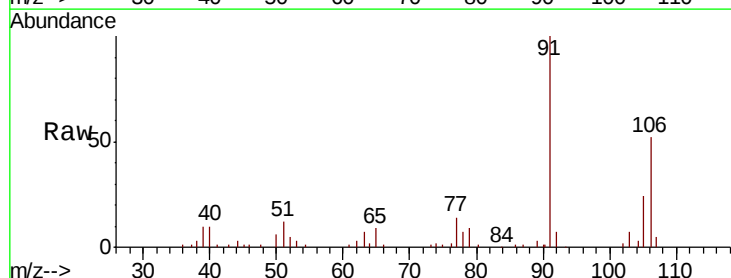
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

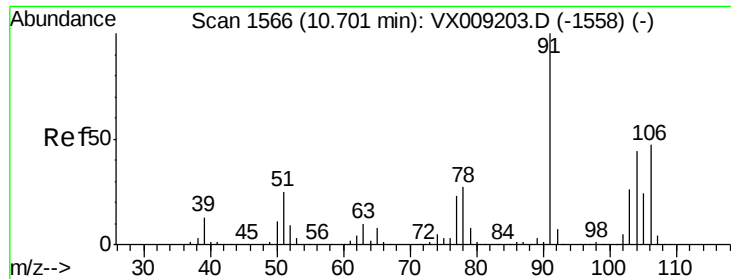
Tgt Ion: 91 Resp: 10910
Ion Ratio Lower Upper
91 100
106 29.2 24.0 36.0



#68
m/p-Xylenes
Concen: 1.965 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion: 106 Resp: 7726
Ion Ratio Lower Upper
106 100
91 207.8 164.0 246.0

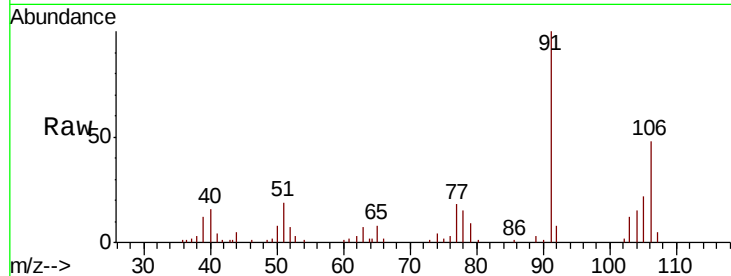




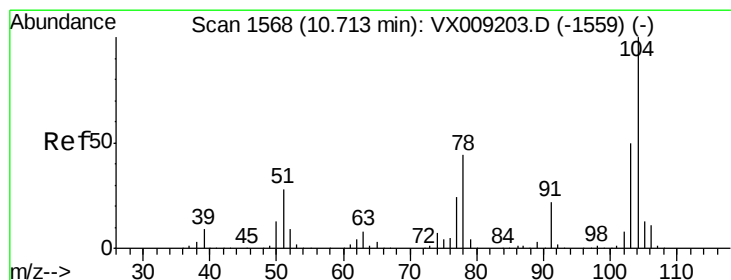
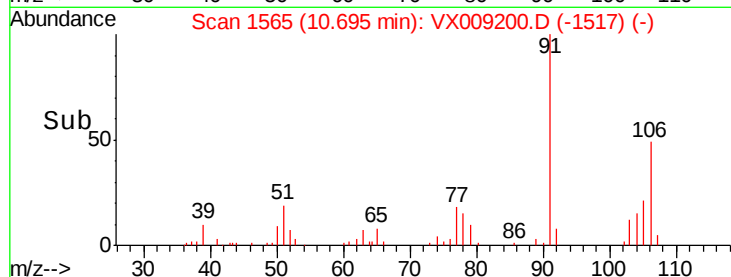
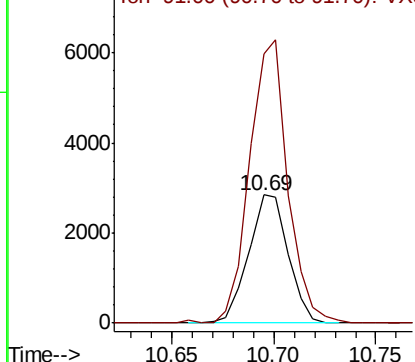
#69
o-Xylene
Concen: 1.006 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 3847
Ion Ratio Lower Upper
106 100
91 212.7 109.5 328.4

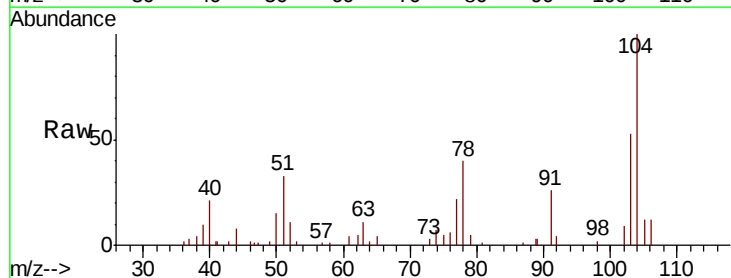


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

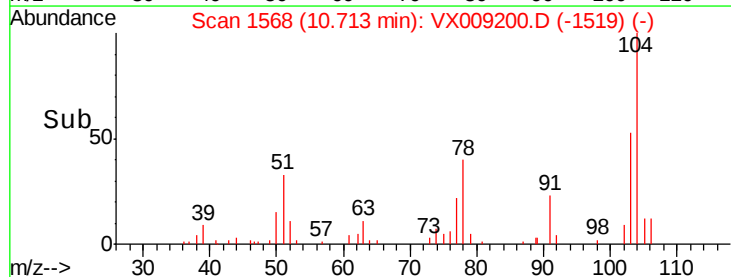
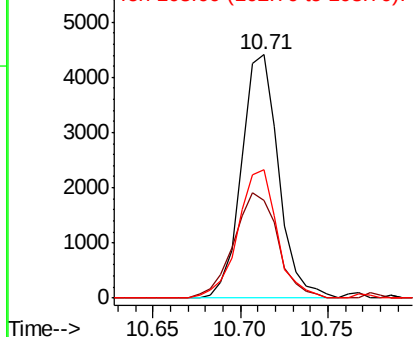


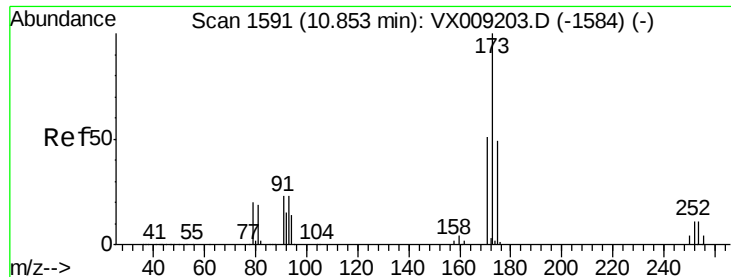
#70
Styrene
Concen: 0.980 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion:104 Resp: 6512
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 55.6 43.8 65.6



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





#71

Bromoform

Concen: 1.001 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

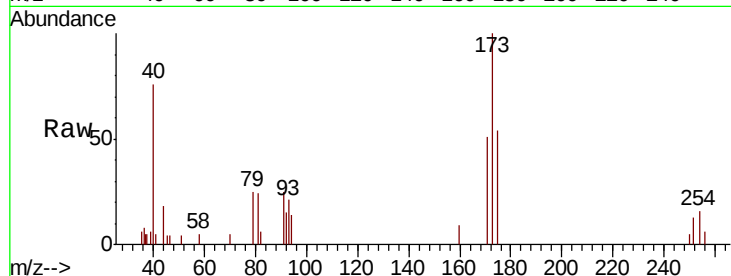
Tgt Ion:173 Resp: 1662

Ion Ratio Lower Upper

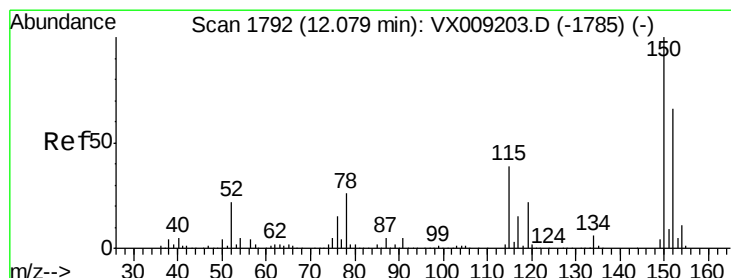
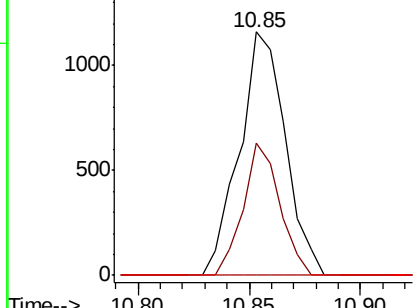
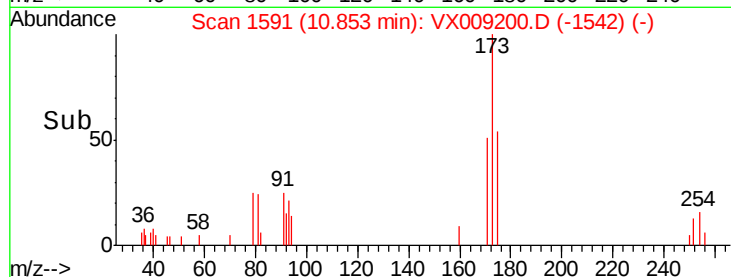
173 100

175 43.3 24.5 73.5

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: VX009200.D

Acq: 29 Apr 2019 11:47

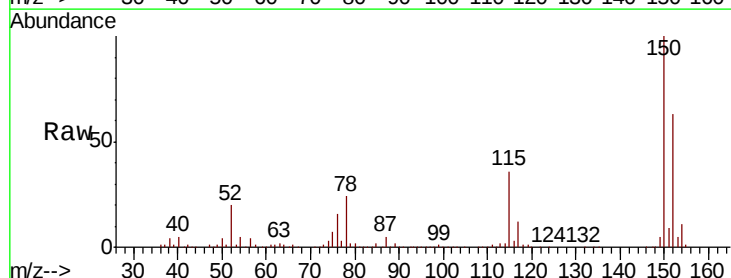
Tgt Ion:152 Resp: 127072

Ion Ratio Lower Upper

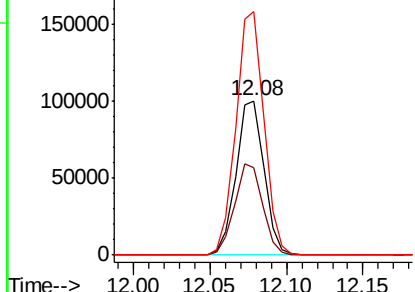
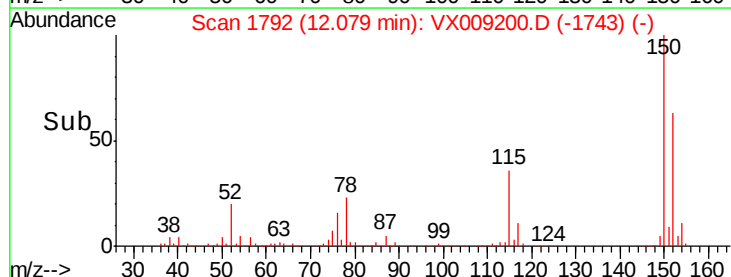
152 100

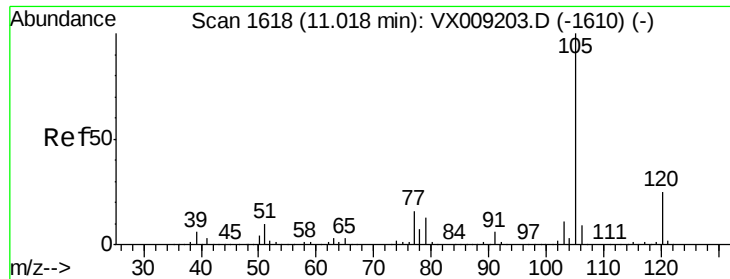
115 59.4 41.2 123.6

150 157.6 0.0 346.4



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: 1.069 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

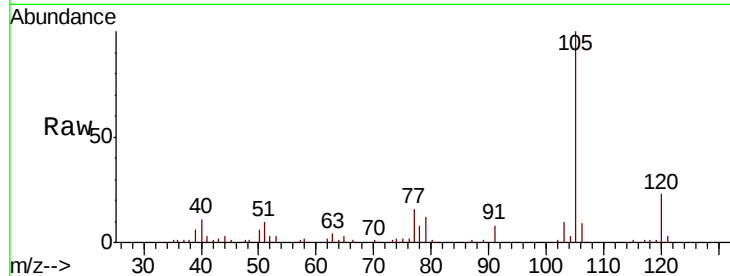
VSTDIC001

Tgt Ion: 105 Resp: 10229

Ion Ratio Lower Upper

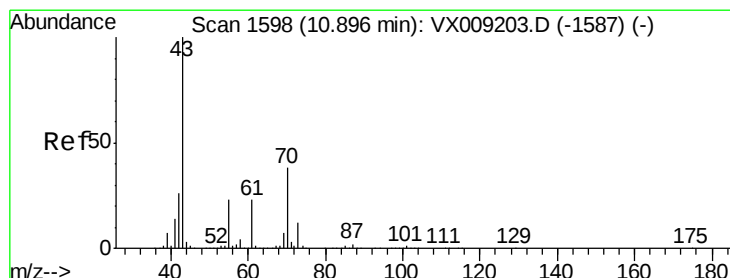
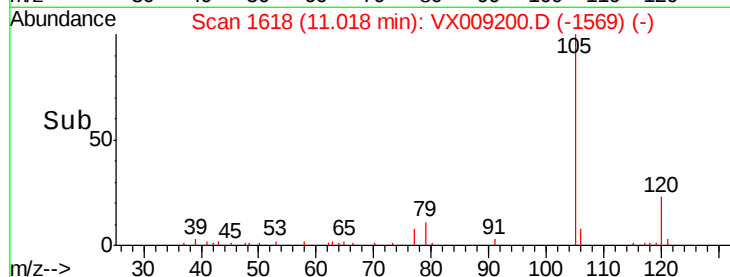
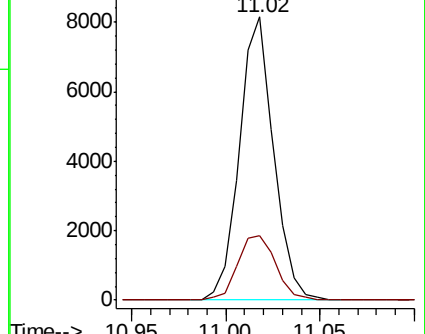
105 100

120 25.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.006 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Tgt Ion: 43 Resp: 5559

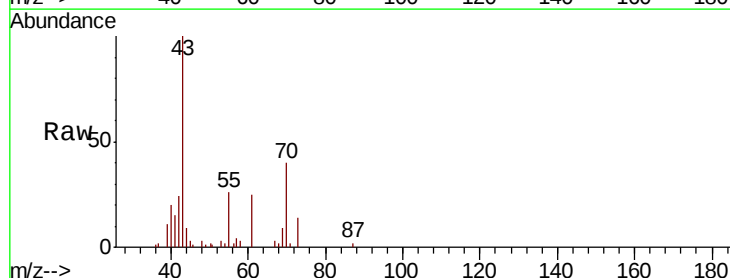
Ion Ratio Lower Upper

43 100

70 36.2 30.0 45.0

55 24.8 17.9 26.9

61 24.3 18.4 27.6

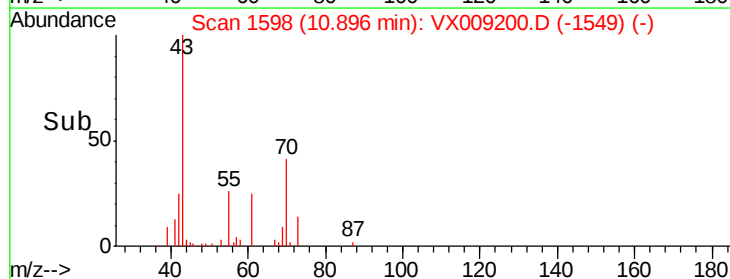
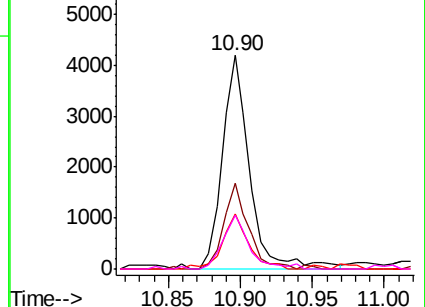


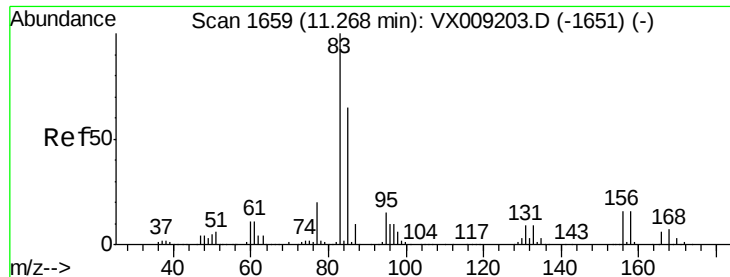
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.089 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

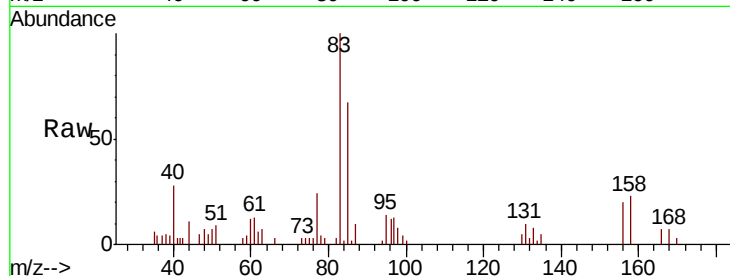
Tgt Ion: 83 Resp: 3831

Ion Ratio Lower Upper

83 100

131 11.0 4.6 13.8

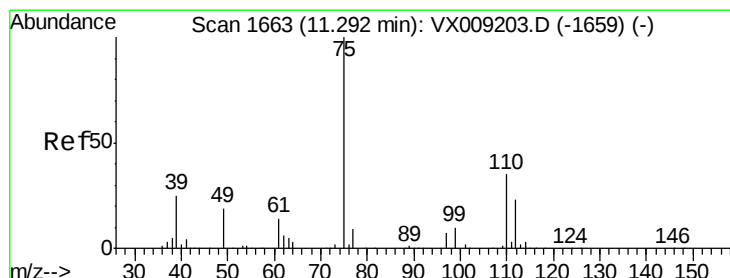
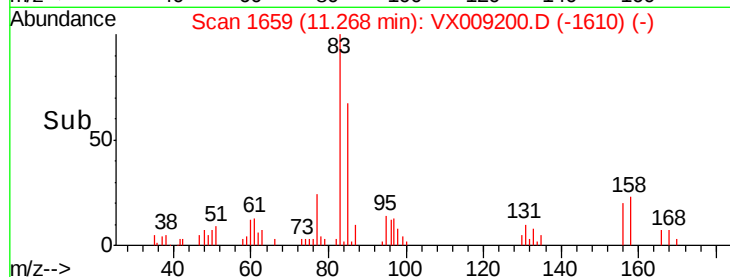
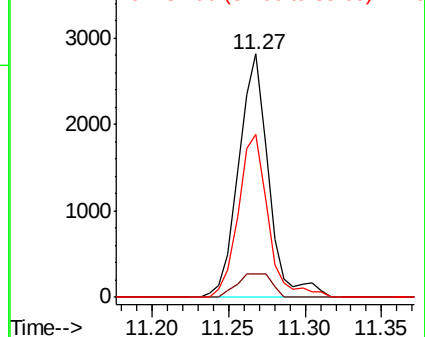
85 66.5 32.0 96.2



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: 1.430 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX009200.D

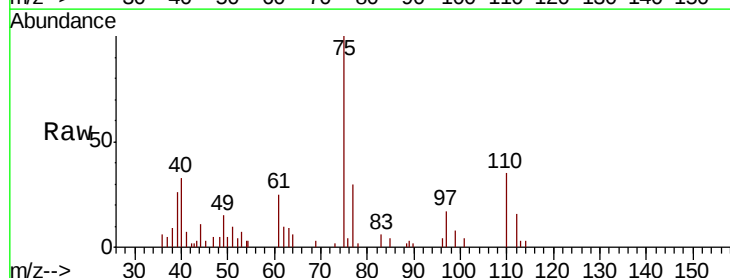
Acq: 29 Apr 2019 11:47

Tgt Ion: 75 Resp: 4420

Ion Ratio Lower Upper

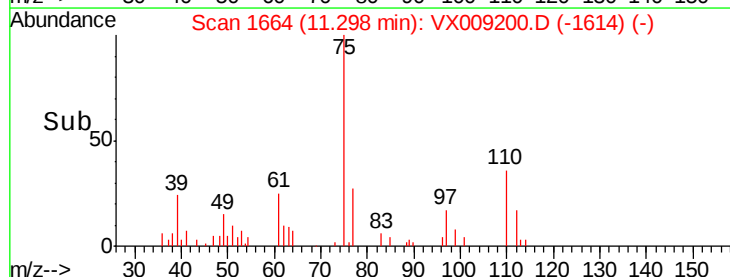
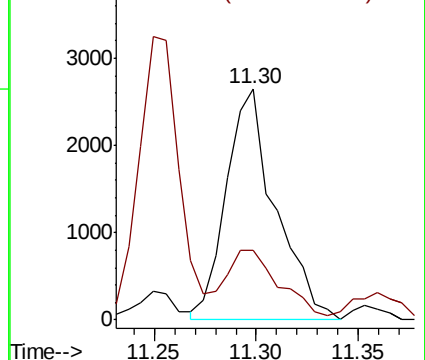
75 100

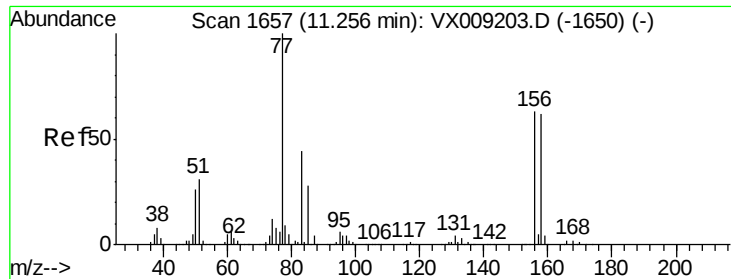
77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.031 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

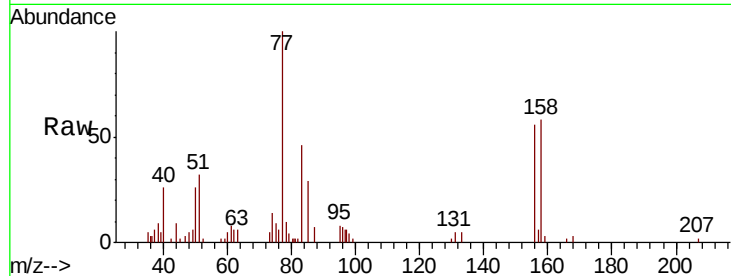
Tgt Ion: 156 Resp: 2490

Ion Ratio Lower Upper

156 100

77 181.5 84.8 254.3

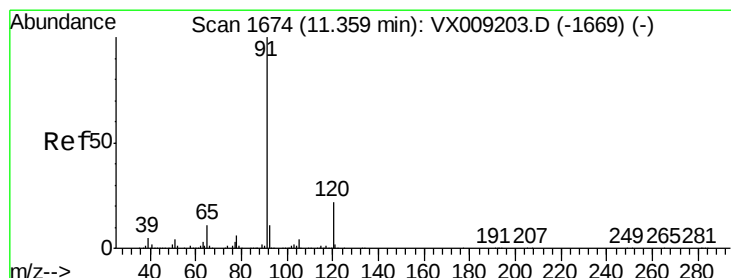
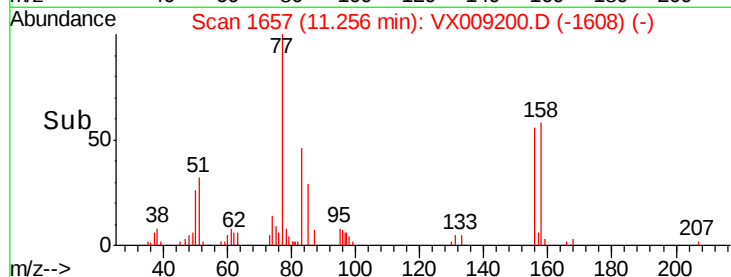
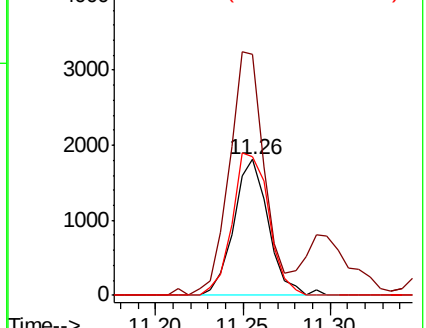
158 110.9 49.1 147.3



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: 1.011 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009200.D

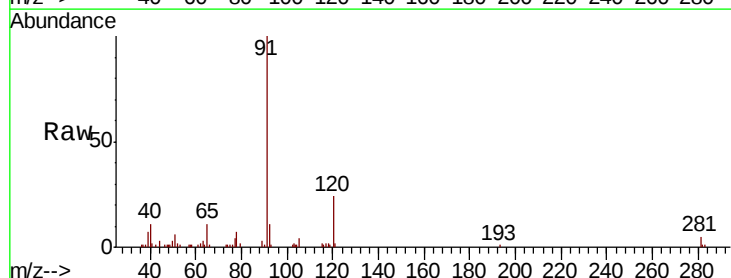
Acq: 29 Apr 2019 11:47

Tgt Ion: 91 Resp: 11088

Ion Ratio Lower Upper

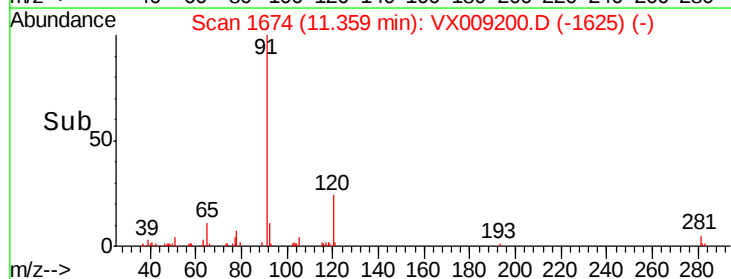
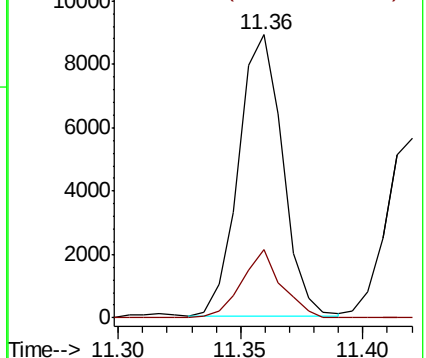
91 100

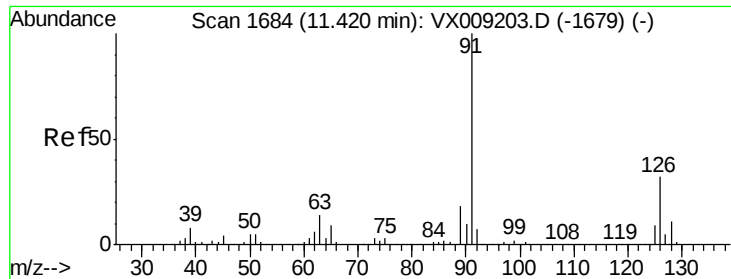
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

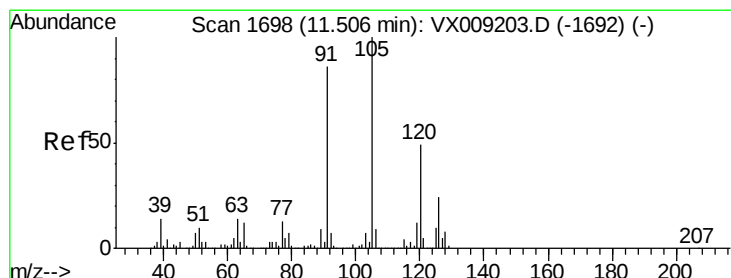
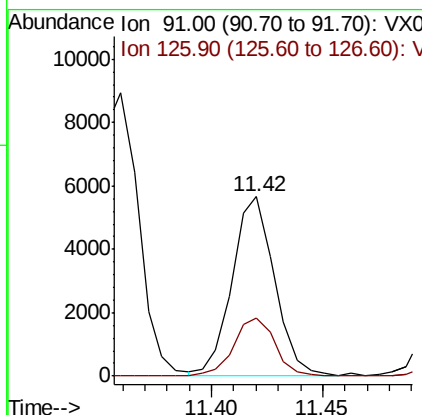
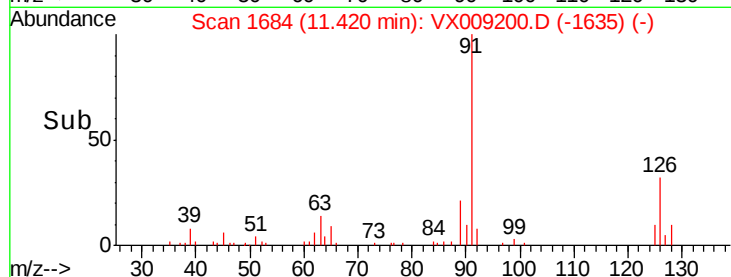
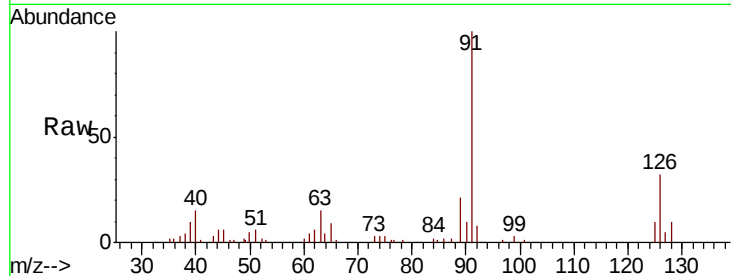




#79
 2-Chlorotoluene
 Concen: 1.138 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

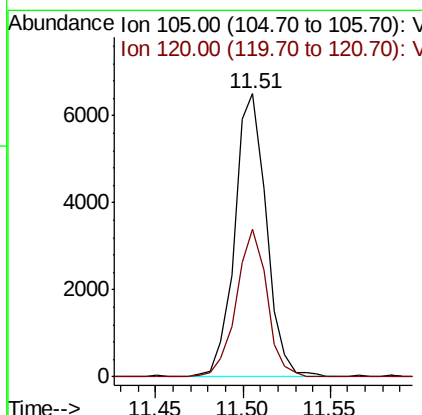
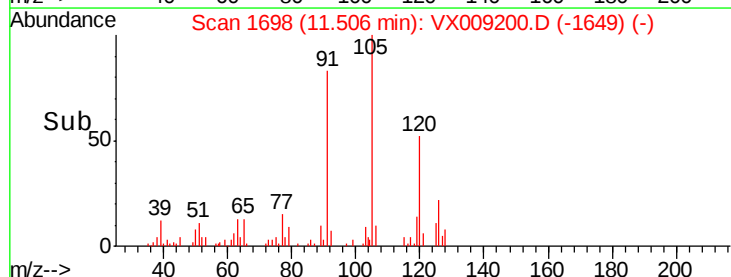
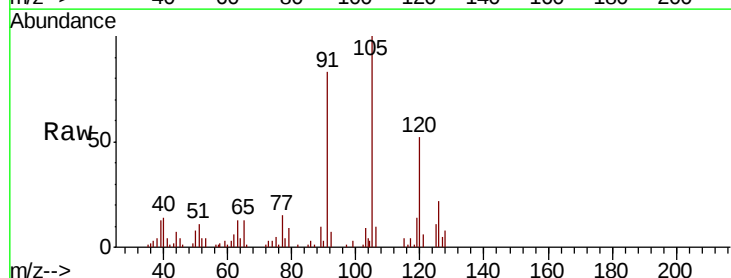
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

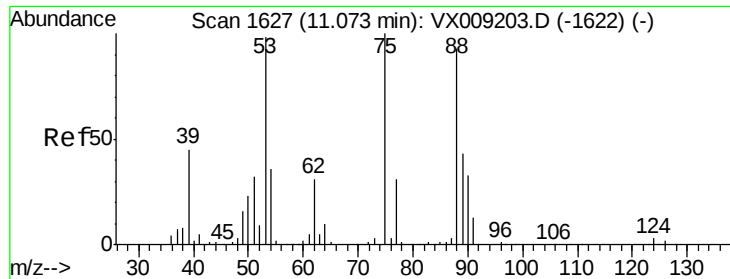
Tgt Ion: 91 Resp: 7541
 Ion Ratio Lower Upper
 91 100
 126 31.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 1.019 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion: 105 Resp: 8193
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 0.804 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

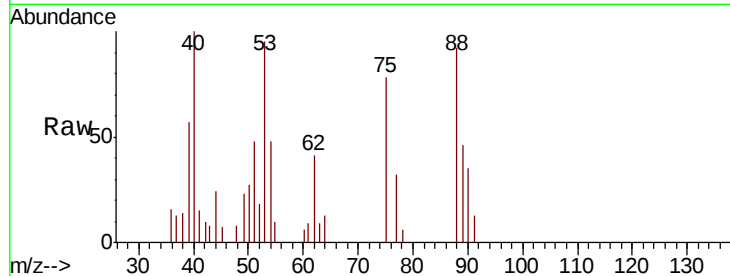
Tgt Ion: 75 Resp: 959

Ion Ratio Lower Upper

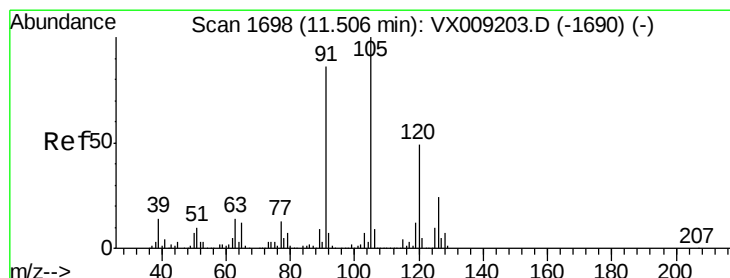
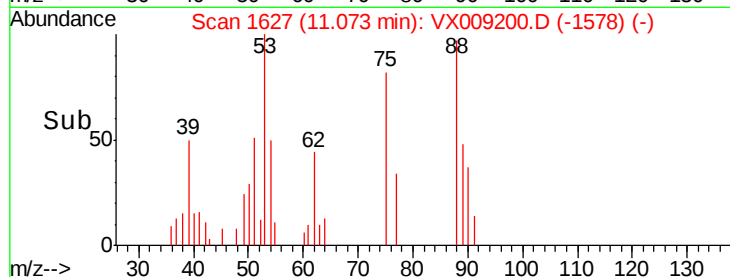
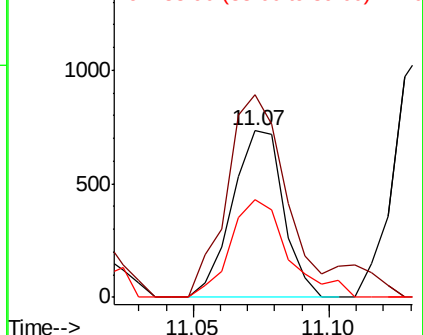
75 100

53 155.9 79.0 118.6#

89 66.4 34.7 52.1#



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: 1.055 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009200.D

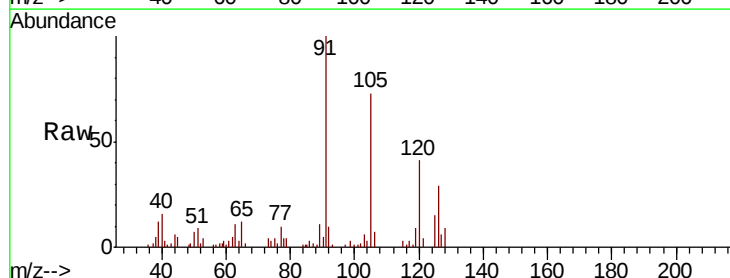
Acq: 29 Apr 2019 11:47

Tgt Ion: 91 Resp: 8113

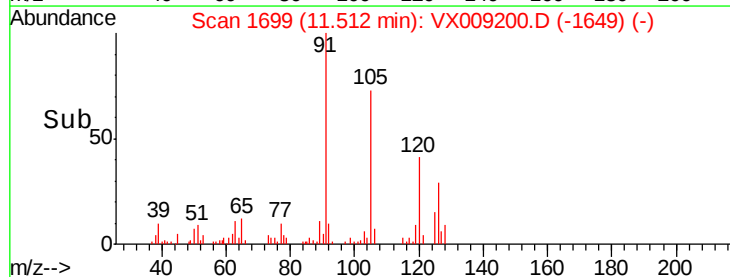
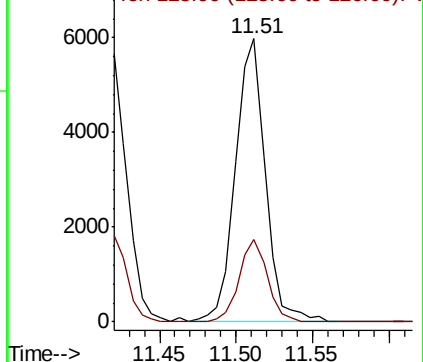
Ion Ratio Lower Upper

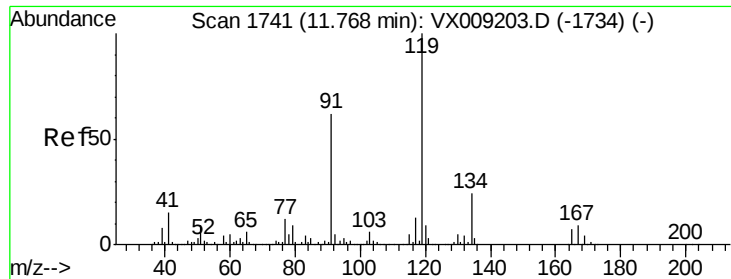
91 100

126 27.3 14.5 43.6



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

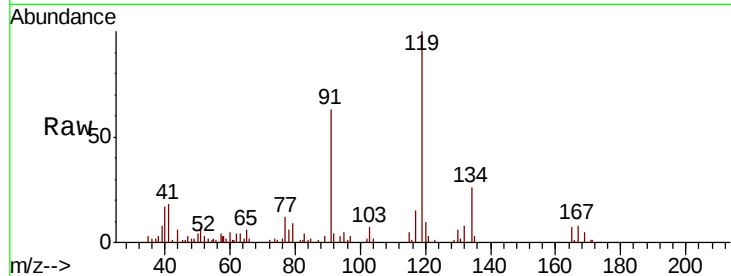




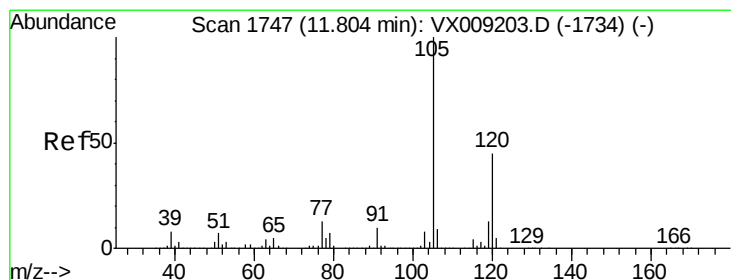
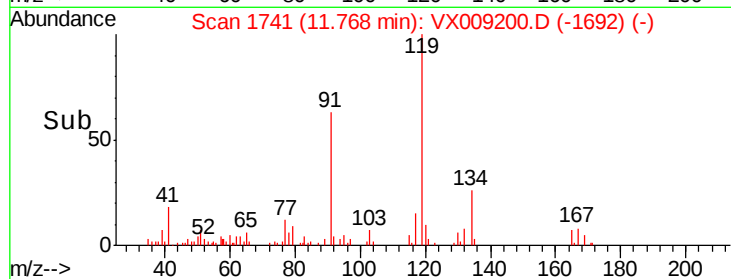
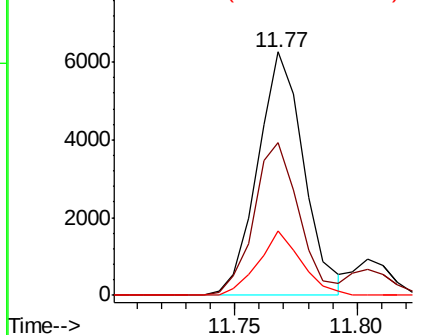
#83
 tert-Butylbenzene
 Concen: 1.056 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 8172
 Ion Ratio Lower Upper
 119 100
 91 62.3 29.5 88.5
 134 24.7 11.4 34.1

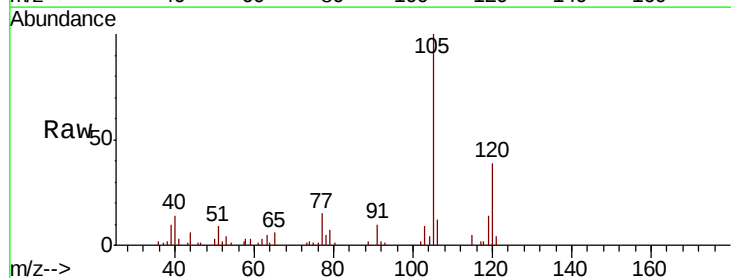


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

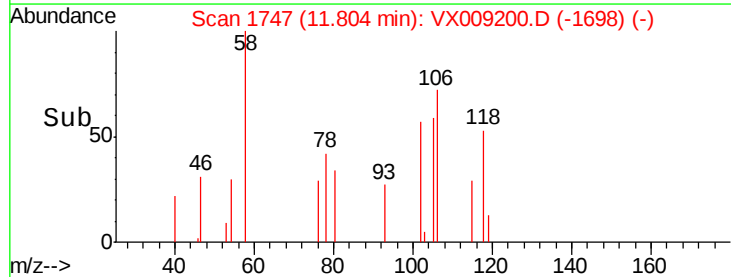
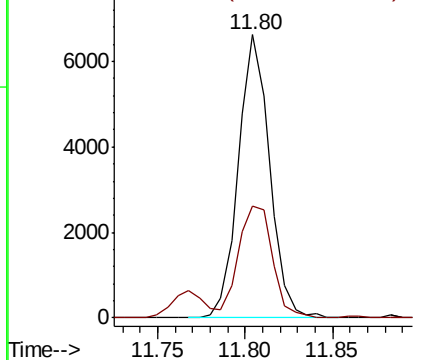


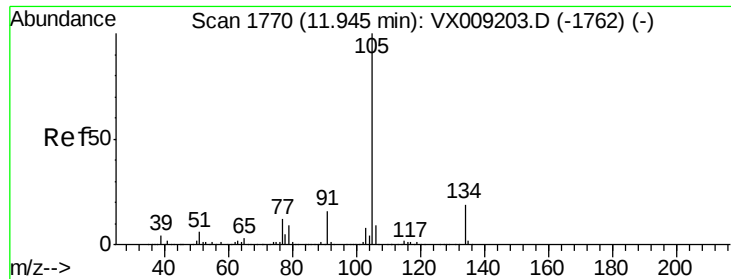
#84
 1,2,4-Trimethylbenzene
 Concen: 1.001 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion:105 Resp: 8194
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.032 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

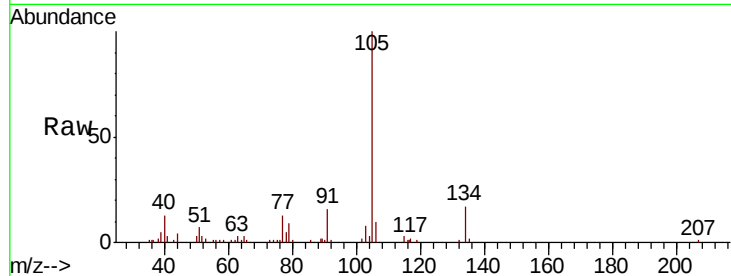
VSTDIC001

Tgt Ion:105 Resp: 9504

Ion Ratio Lower Upper

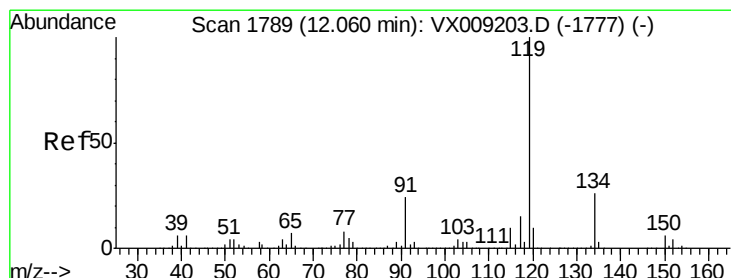
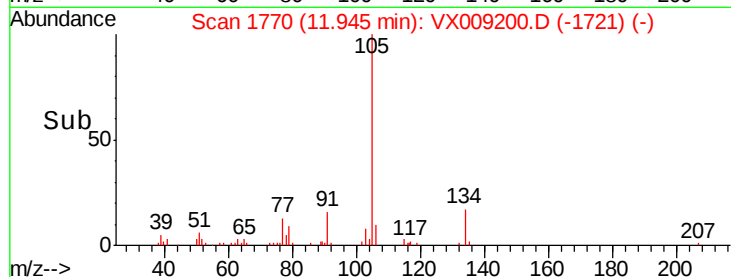
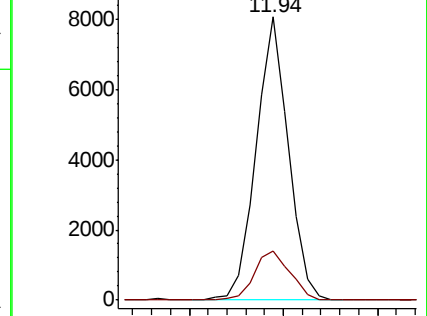
105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.962 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

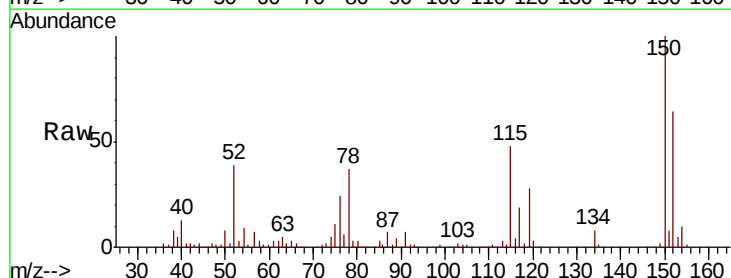
Tgt Ion:119 Resp: 8141

Ion Ratio Lower Upper

119 100

134 27.1 12.9 38.7

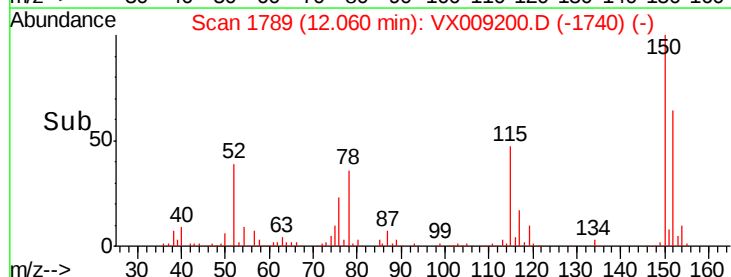
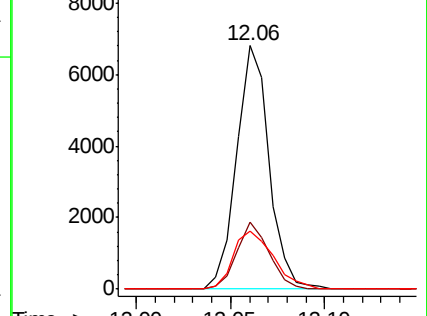
91 29.3 11.8 35.4

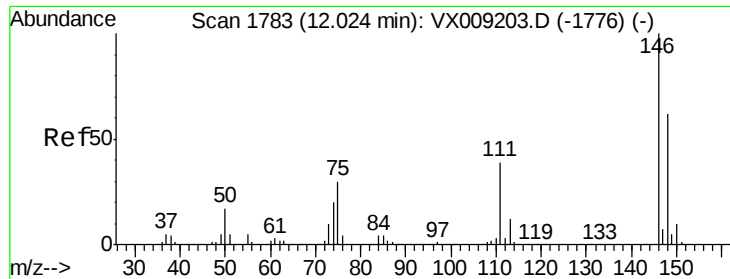


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.050 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

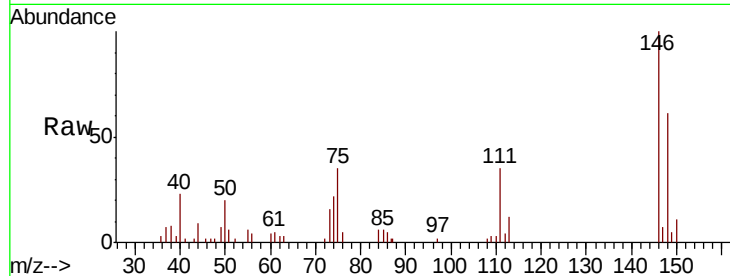
Tgt Ion:146 Resp: 4457

Ion Ratio Lower Upper

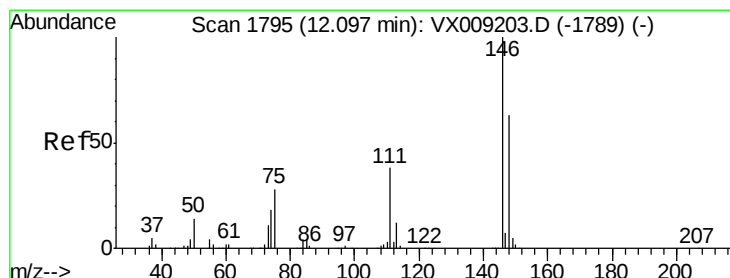
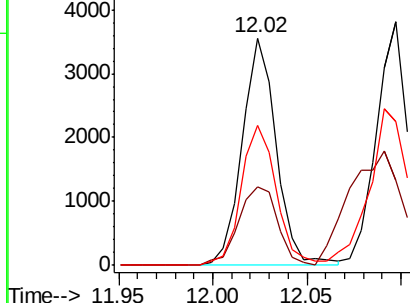
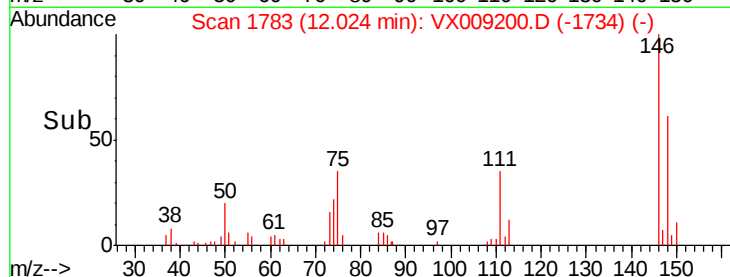
146 100

111 39.7 20.0 59.9

148 63.5 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 1.035 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX009200.D

Acq: 29 Apr 2019 11:47

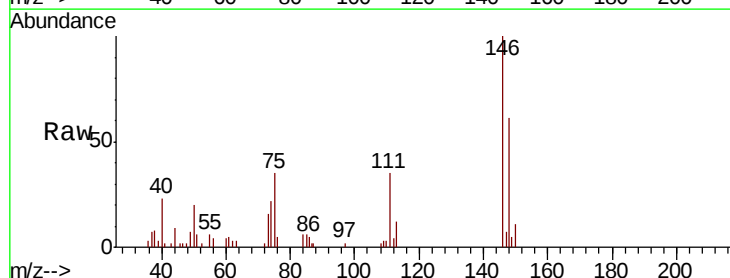
Tgt Ion:146 Resp: 4457

Ion Ratio Lower Upper

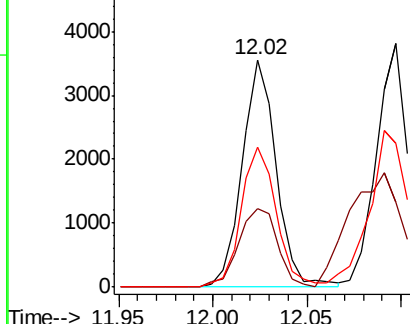
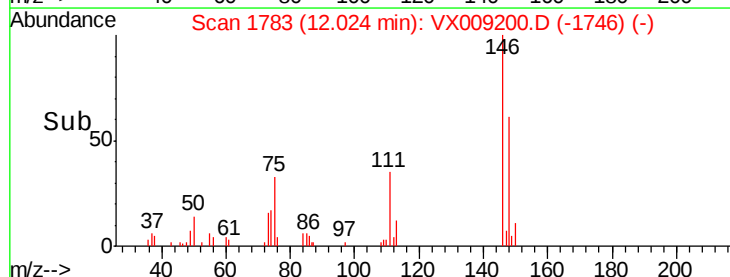
146 100

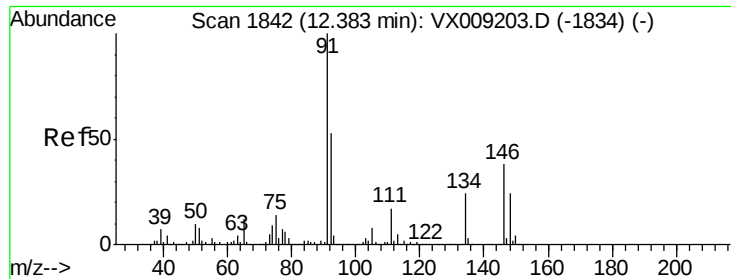
111 39.7 19.6 58.8

148 63.5 31.8 95.3



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

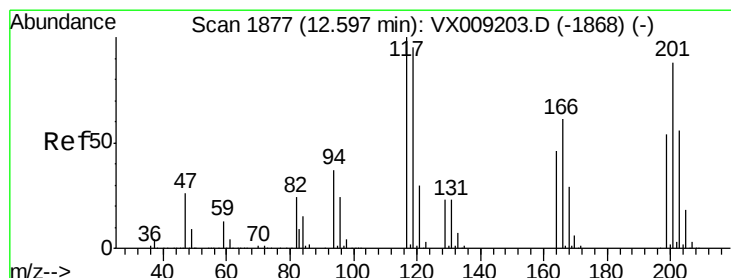
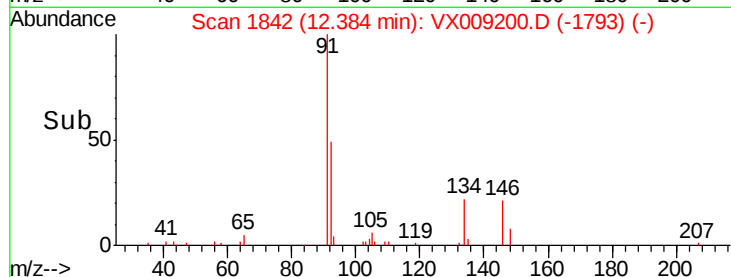
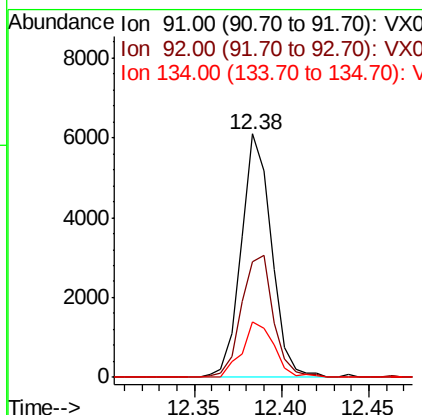
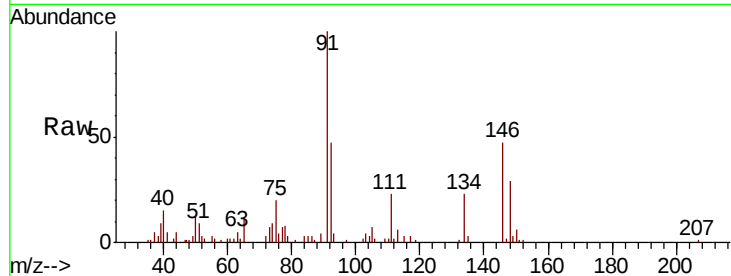




#89
n-Butylbenzene
Concen: 0.935 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

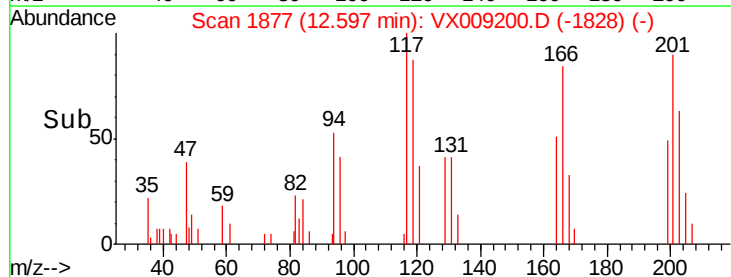
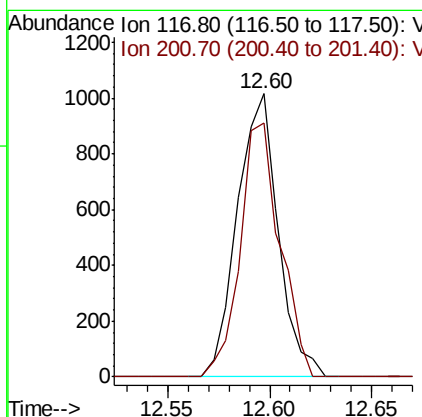
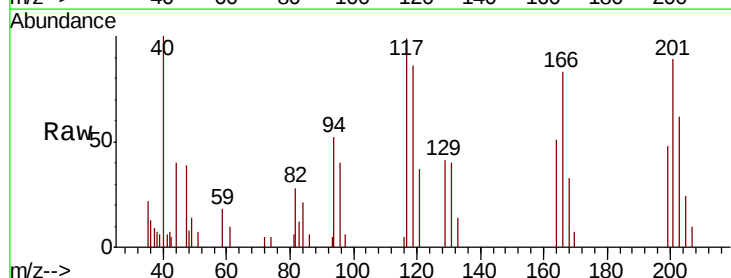
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

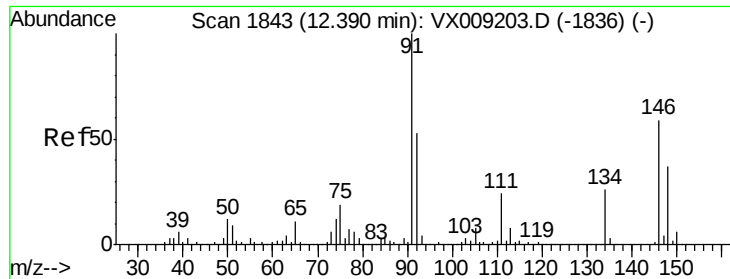
Tgt Ion: 91 Resp: 7326
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 24.2 12.4 37.2



#90
Hexachloroethane
Concen: 1.009 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion: 117 Resp: 1410
Ion Ratio Lower Upper
117 100
201 87.5 42.3 126.9

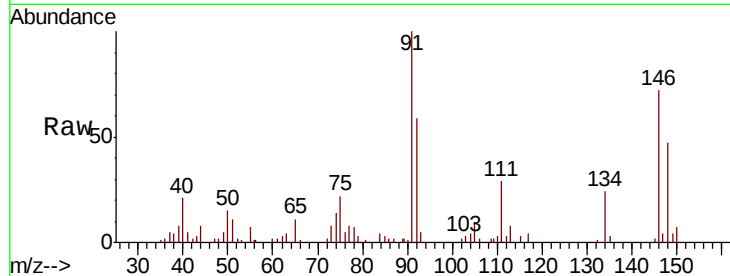




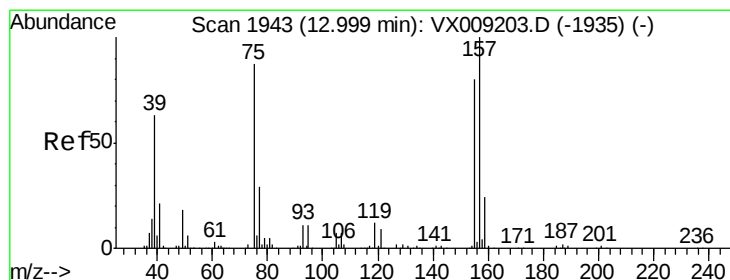
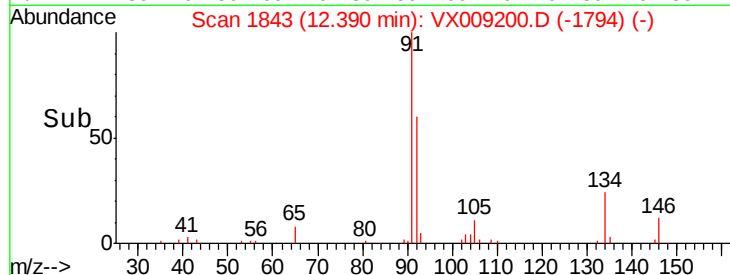
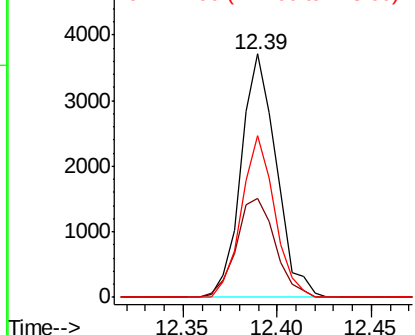
#91
 1,2-Dichlorobenzene
 Concen: 1.143 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 146 Resp: 4814
 Ion Ratio Lower Upper
 146 100
 111 44.9 20.8 62.4
 148 62.5 31.9 95.9

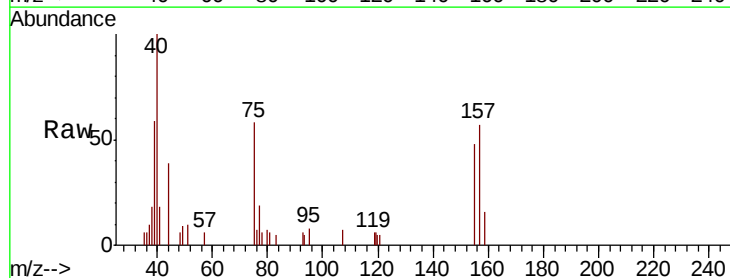


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

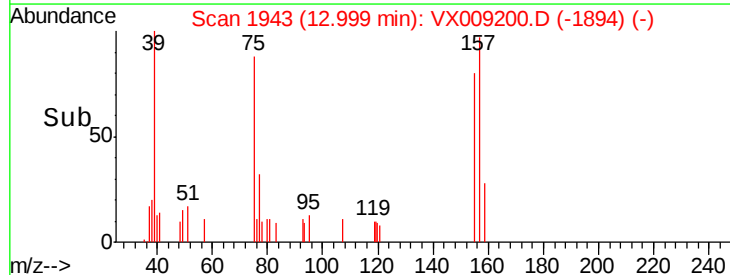
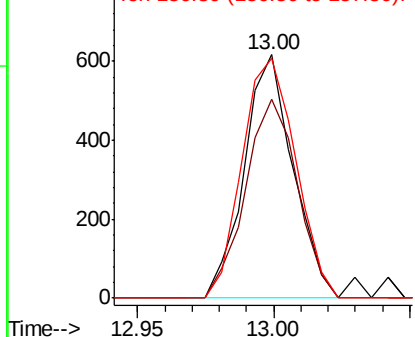


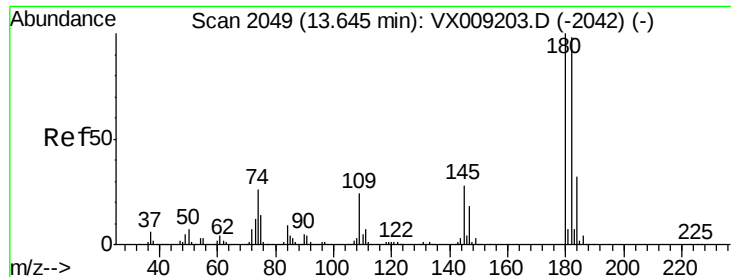
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.951 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion: 75 Resp: 765
 Ion Ratio Lower Upper
 75 100
 155 87.1 42.0 126.0
 157 108.4 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

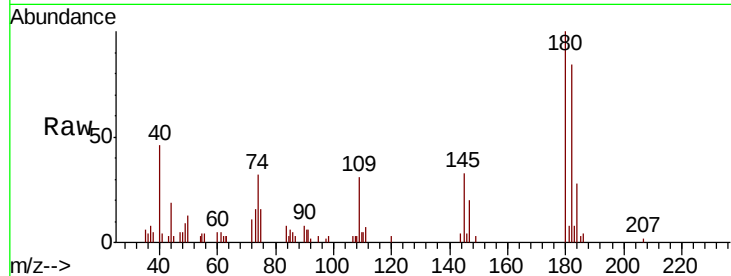




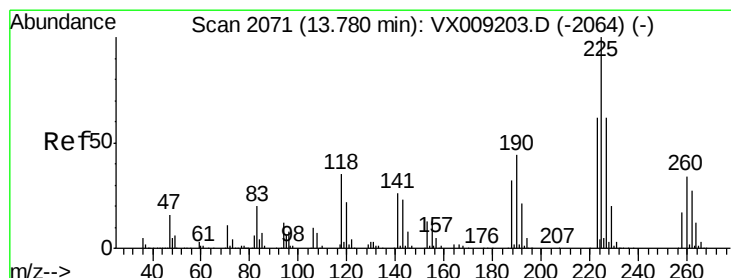
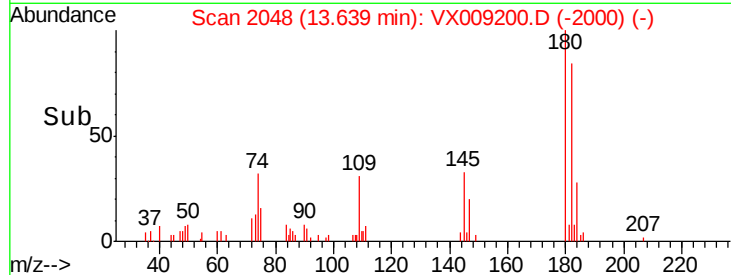
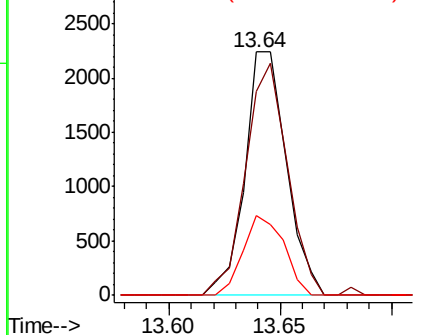
#93
 1,2,4-Trichlorobenzene
 Concen: 0.968 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 2929
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.4 145.2
 145 32.2 14.6 43.8

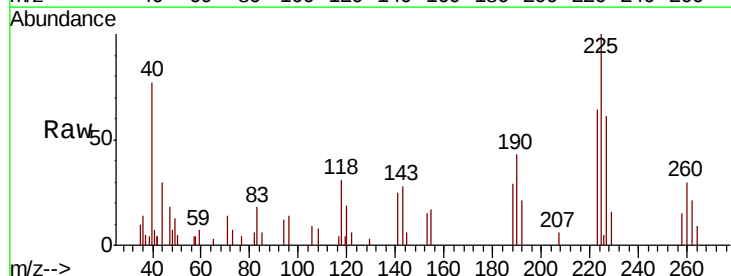


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

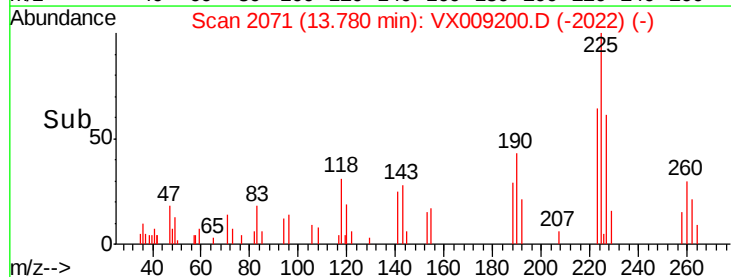
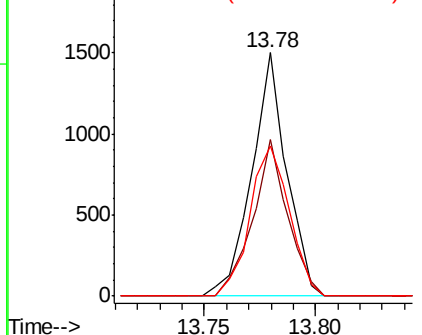


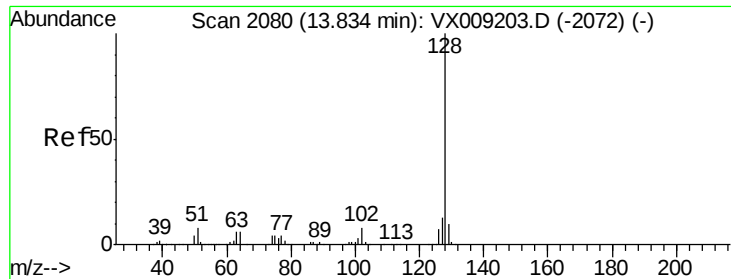
#94
 Hexachlorobutadiene
 Concen: 1.086 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009200.D
 Acq: 29 Apr 2019 11:47

Tgt Ion:225 Resp: 1639
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.3 93.8
 227 69.9 31.8 95.3



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

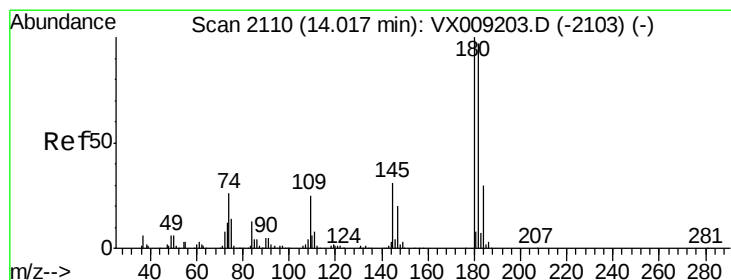
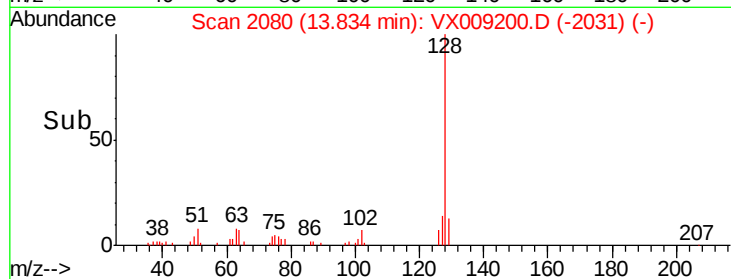
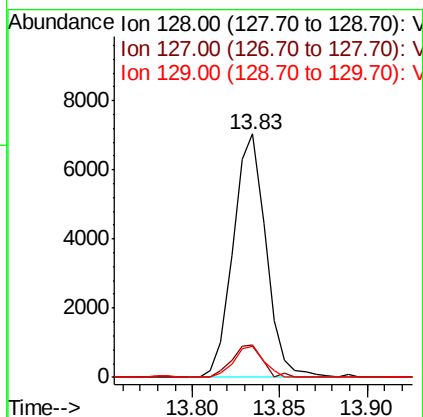
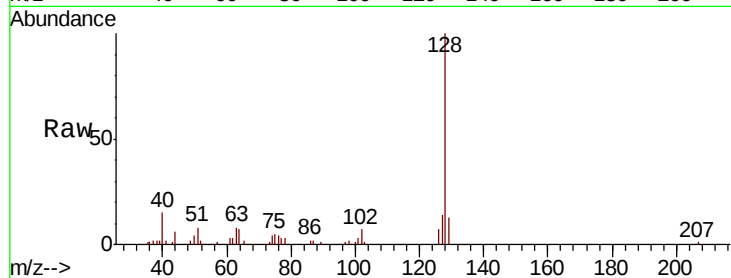




#95
Naphthalene
Concen: 0.947 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 9215
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.015 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009200.D
Acq: 29 Apr 2019 11:47

Tgt Ion:180 Resp: 3043
Ion Ratio Lower Upper
180 100
182 101.6 47.8 143.4
145 28.2 15.4 46.4

