

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032519\
 Data File : VX008416.D
 Acq On : 25 Mar 2019 16:26
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 26 04:24:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125493	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	4893	1.70	ug/l	0.01
Spiked Amount			Recovery	=	3.40%	
35) Dibromofluoromethane	5.50	113	3152	1.49	ug/l	0.00
Spiked Amount			Recovery	=	2.98%	
50) Toluene-d8	8.71	98	12957	1.54	ug/l	0.00
Spiked Amount			Recovery	=	3.08%	
62) 4-Bromofluorobenzene	11.13	95	4766	1.53	ug/l	0.00
Spiked Amount			Recovery	=	3.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2848	1.331	ug/l	95
3) Chloromethane	1.32	50	4457	1.412	ug/l	90
4) Vinyl Chloride	1.41	62	3773	1.219	ug/l	89
5) Bromomethane	1.64	94	3006	1.584	ug/l	97
6) Chloroethane	1.72	64	8833	4.814	ug/l #	77
7) Trichlorofluoromethane	1.93	101	4273	1.217	ug/l	97
8) Diethyl Ether	2.19	74	2013	1.195	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2582	1.238	ug/l	97
10) Methyl Iodide	2.51	142	1748	0.695	ug/l	97
11) Tert butyl alcohol	3.04	59	4036	6.257	ug/l	95
12) 1,1-Dichloroethene	2.37	96	2681	1.241	ug/l	92
13) Acrolein	2.29	56	3339	6.356	ug/l	97
14) Allyl chloride	2.73	41	5796	1.217	ug/l	99
15) Acrylonitrile	3.14	53	9885	6.021	ug/l	98
16) Acetone	2.44	43	8651	5.976	ug/l	93
17) Carbon Disulfide	2.57	76	11615	1.686	ug/l	99
18) Methyl Acetate	2.78	43	4481	1.245	ug/l	94
19) Methyl tert-butyl Ether	3.19	73	8804	1.133	ug/l	100
20) Methylene Chloride	2.85	84	3585	1.375	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	3280	1.407	ug/l #	83
22) Diisopropyl ether	3.85	45	10846	1.167	ug/l #	86
23) Vinyl Acetate	3.82	43	43724	5.336	ug/l	97
24) 1,1-Dichloroethane	3.70	63	5632	1.190	ug/l	95
25) 2-Butanone	4.68	43	13440	5.666	ug/l	99
26) 2,2-Dichloropropane	4.57	77	3360	1.095	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	3206	1.200	ug/l	89
28) Bromochloromethane	5.01	49	2915	1.252	ug/l #	95
29) Tetrahydrofuran	5.13	42	9475	6.045	ug/l	100
30) Chloroform	5.20	83	5031	1.178	ug/l	98
31) Cyclohexane	5.57	56	5457	1.205	ug/l #	87
32) 1,1,1-Trichloroethane	5.50	97	3819	1.128	ug/l #	47
36) 1,1-Dichloropropene	5.79	75	4429	1.324	ug/l	93
37) Ethyl Acetate	4.84	43	4834	1.072	ug/l #	88
38) Carbon Tetrachloride	5.78	117	3135	1.090	ug/l #	80

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 VSTDIC001

Quant Time: Mar 26 04:24:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	4656	1.134	ug/l	92
40) Benzene	6.14	78	11765	1.153	ug/l	92
41) Methacrylonitrile	5.05	41	2668	1.083	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	4650	1.256	ug/l	100
43) Isopropyl Acetate	6.45	43	7791	1.107	ug/l	97
44) Trichloroethene	7.21	130	3055	1.288	ug/l	85
45) 1,2-Dichloropropane	7.51	63	3389	1.173	ug/l	99
46) Dibromomethane	7.66	93	2096	1.225	ug/l	93
47) Bromodichloromethane	7.90	83	3419	1.046	ug/l	96
48) Methyl methacrylate	7.77	41	3573	1.002	ug/l	91
49) 1,4-Dioxane	7.74	88	1626	22.595	ug/l #	76
51) 4-Methyl-2-Pentanone	8.64	43	23809	5.133	ug/l	98
52) Toluene	8.78	92	7051	1.176	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	3365	0.956	ug/l	90
54) cis-1,3-Dichloropropene	8.44	75	4202	1.056	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	2750	1.104	ug/l	96
56) Ethyl methacrylate	9.18	69	4426	1.002	ug/l	88
57) 1,3-Dichloropropane	9.37	76	5130	1.158	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	11156	4.729	ug/l	97
59) 2-Hexanone	9.49	43	17967	5.020	ug/l	99
60) Dibromochloromethane	9.58	129	2348	1.015	ug/l	100
61) 1,2-Dibromoethane	9.67	107	2727	1.080	ug/l	93
64) Tetrachloroethene	9.34	164	2335	1.250	ug/l #	84
65) Chlorobenzene	10.13	112	7033	1.172	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	2139	1.027	ug/l #	58
67) Ethyl Benzene	10.25	91	13060	1.160	ug/l	100
68) m/p-Xylenes	10.36	106	9426	2.330	ug/l	98
69) o-Xylene	10.70	106	4401	1.112	ug/l	99
70) Styrene	10.71	104	7383	1.076	ug/l	99
71) Bromoform	10.86	173	1572	0.974	ug/l #	97
73) Isopropylbenzene	11.02	105	11434	1.154	ug/l	97
74) N-amyl acetate	10.90	43	5859	1.010	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	4619	1.173	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	5126	1.560	ug/l	82
77) Bromobenzene	11.26	156	2996	1.274	ug/l	98
78) n-propylbenzene	11.36	91	13125	1.131	ug/l	100
79) 2-Chlorotoluene	11.42	91	8522	1.202	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	9343	1.108	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	1053	0.916	ug/l #	70
82) 4-Chlorotoluene	11.51	91	9667	1.186	ug/l	98
83) tert-Butylbenzene	11.77	119	8851	1.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	9674	1.149	ug/l	100
85) sec-Butylbenzene	11.94	105	10796	1.121	ug/l	100
86) p-Isopropyltoluene	12.06	119	9081	1.070	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	5323	1.261	ug/l	95
88) 1,4-Dichlorobenzene	12.02	146	5323	1.238	ug/l	94
89) n-Butylbenzene	12.38	91	8549	1.056	ug/l	97
90) Hexachloroethane	12.59	117	1447	1.030	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	5229	1.220	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1018	1.216	ug/l	89

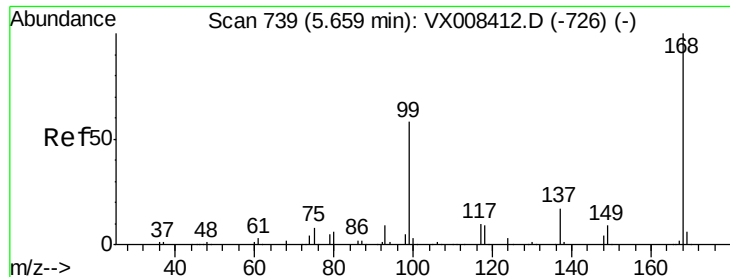
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032519\
Data File : VX008416.D
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Instrument :
MSVOA_X
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Quant Time: Mar 26 04:24:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:13:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	3483	1.203	ug/l	99
94) Hexachlorobutadiene	13.78	225	1559	1.140	ug/l	97
95) Naphthalene	13.83	128	11697	1.159	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	3464	1.191	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

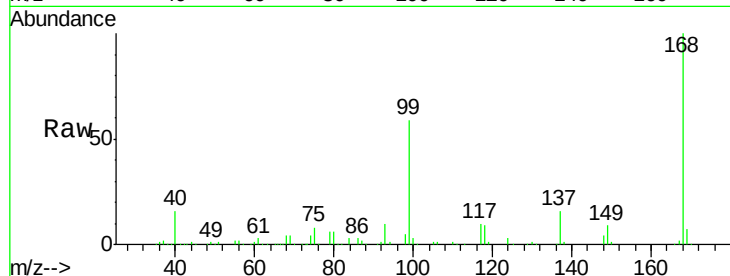
VSTDIC001

Tgt Ion:168 Resp: 190034

Ion Ratio Lower Upper

168 100

99 59.2 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

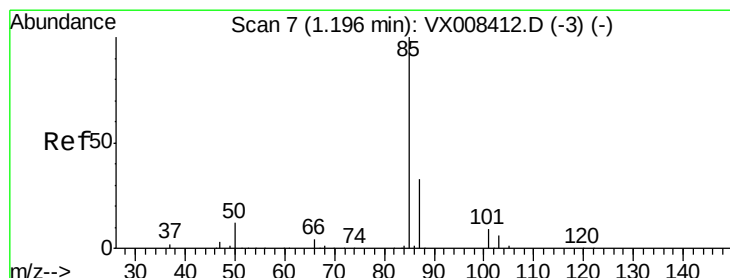
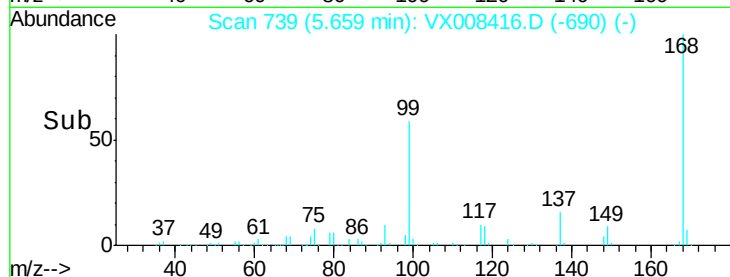
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.331 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008416.D

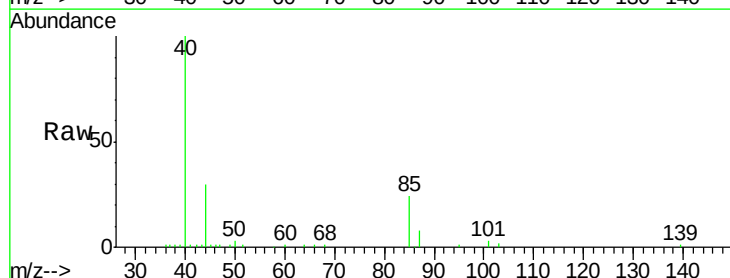
Acq: 25 Mar 2019 16:26

Tgt Ion: 85 Resp: 2848

Ion Ratio Lower Upper

85 100

87 35.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

3000

2500

2000

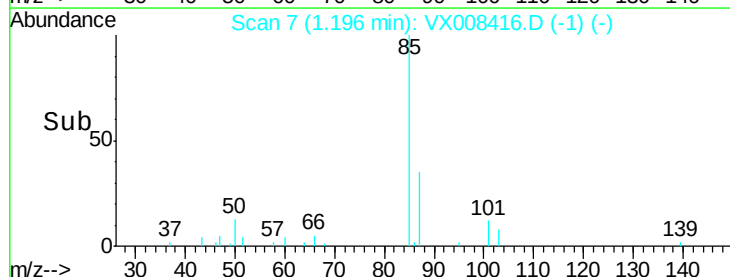
1500

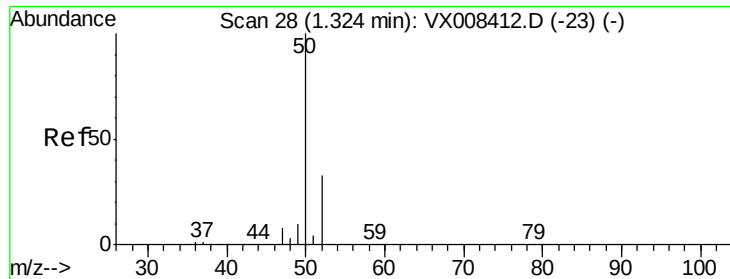
1000

500

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.412 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

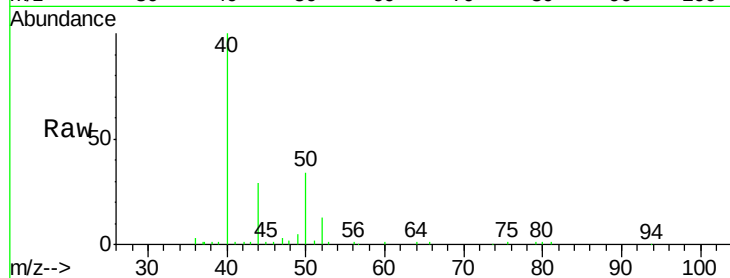
VSTDIC001

Tgt Ion: 50 Resp: 4457

Ion Ratio Lower Upper

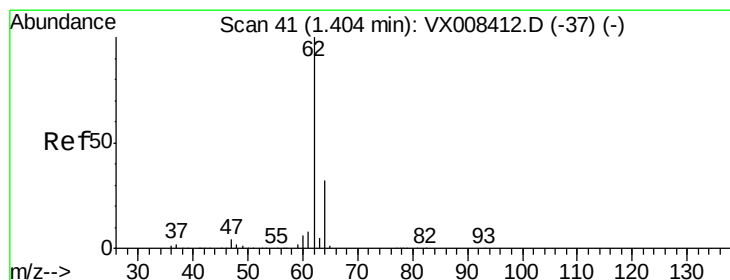
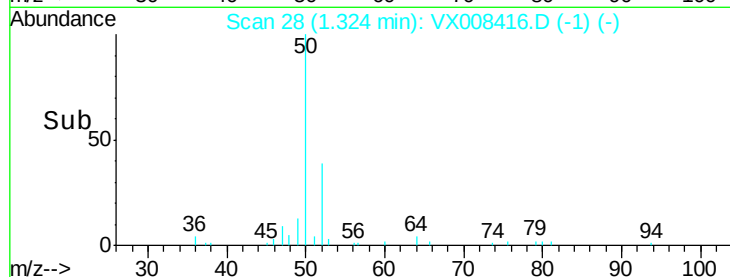
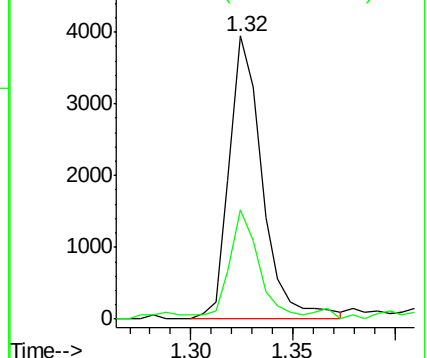
50 100

52 38.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.219 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008416.D

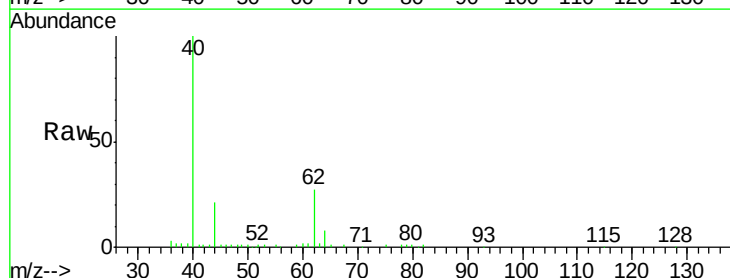
Acq: 25 Mar 2019 16:26

Tgt Ion: 62 Resp: 3773

Ion Ratio Lower Upper

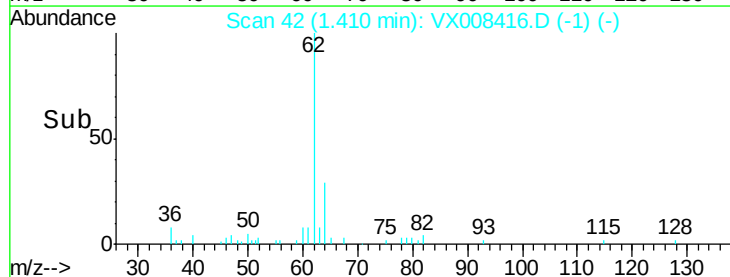
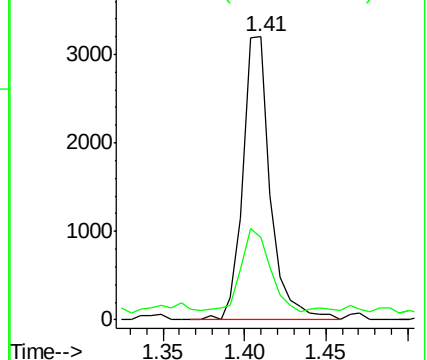
62 100

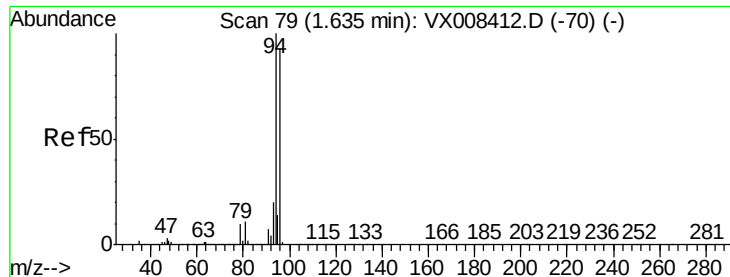
64 26.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.584 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

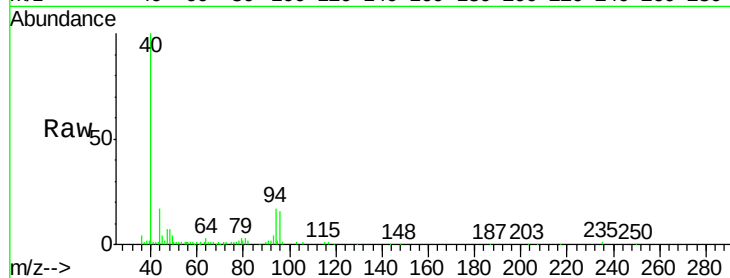
VSTDIC001

Tgt Ion: 94 Resp: 3006

Ion Ratio Lower Upper

94 100

96 90.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

2500

2000

1500

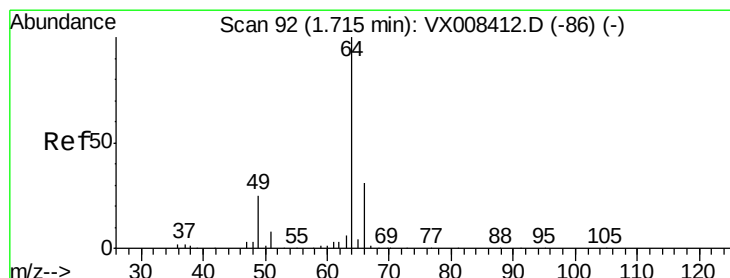
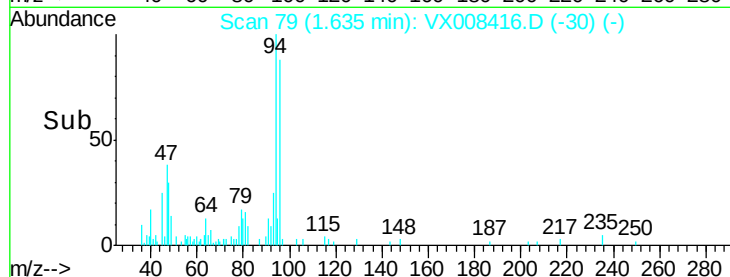
1000

500

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 4.814 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008416.D

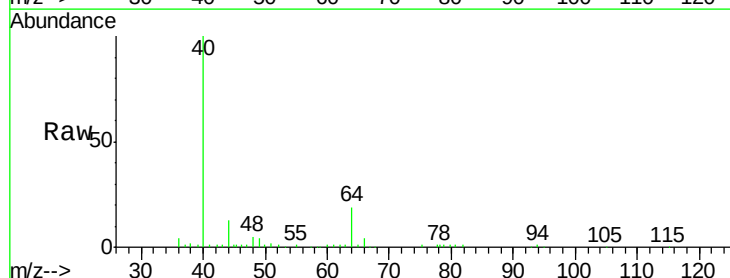
Acq: 25 Mar 2019 16:26

Tgt Ion: 64 Resp: 8833

Ion Ratio Lower Upper

64 100

66 18.9 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

2500

2000

1500

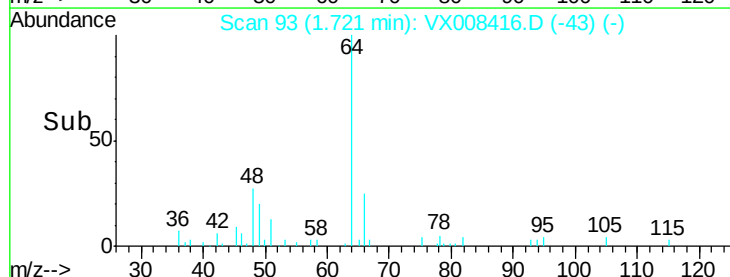
1000

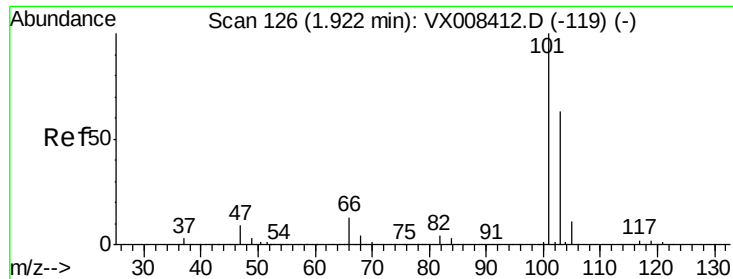
500

0

1.50 1.60 1.70 1.80

Time-->



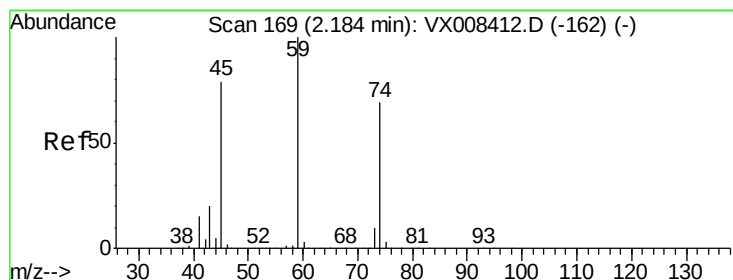
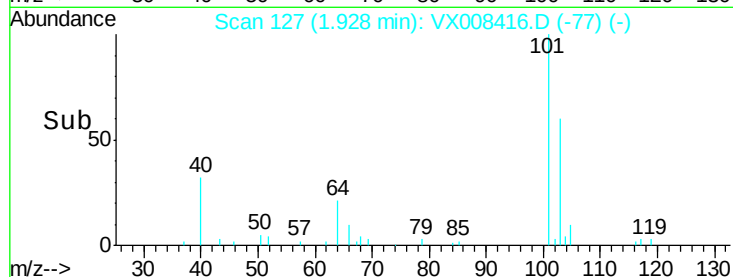
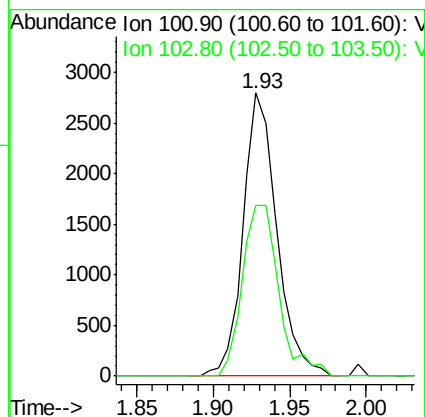
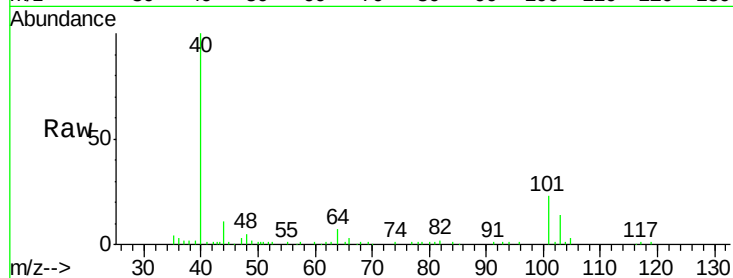


#7

Trichlorofluoromethane
Concen: 1.217 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

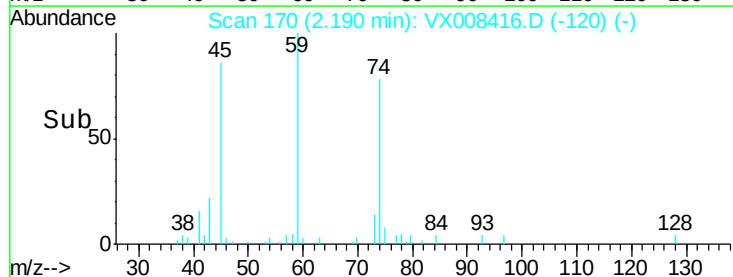
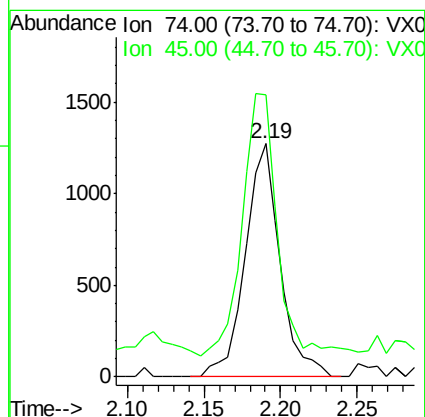
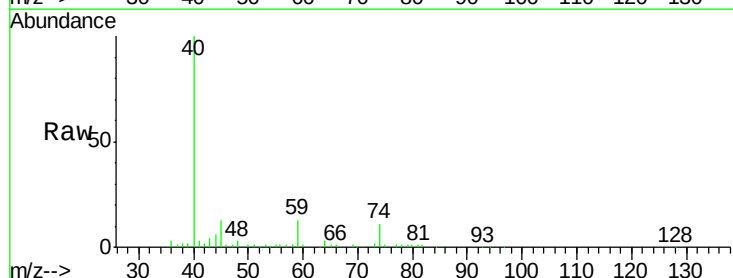
Tgt Ion:101 Resp: 4273
Ion Ratio Lower Upper
101 100
103 60.2 50.2 75.4

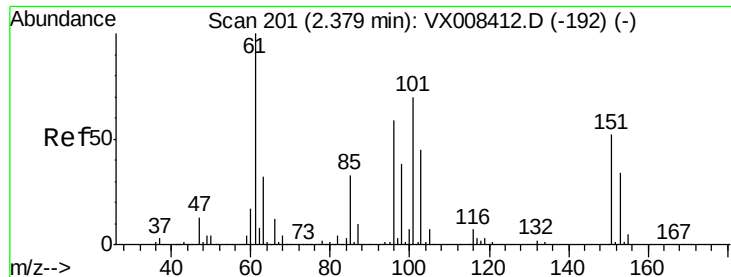


#8

Diethyl Ether
Concen: 1.195 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 74 Resp: 2013
Ion Ratio Lower Upper
74 100
45 112.1 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.238 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

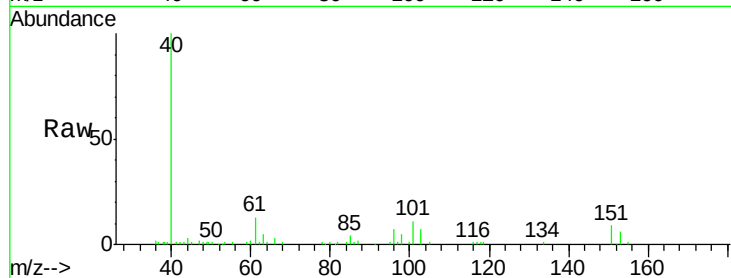
Tgt Ion:101 Resp: 2582

Ion Ratio Lower Upper

101 100

85 47.5 36.0 54.0

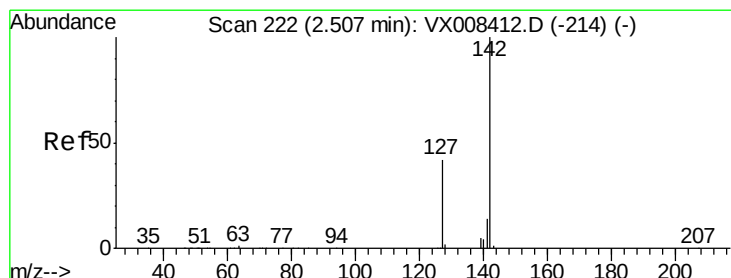
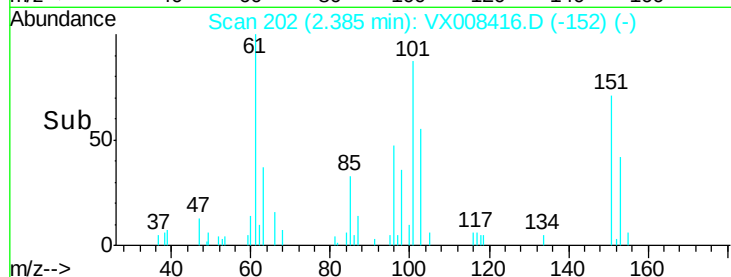
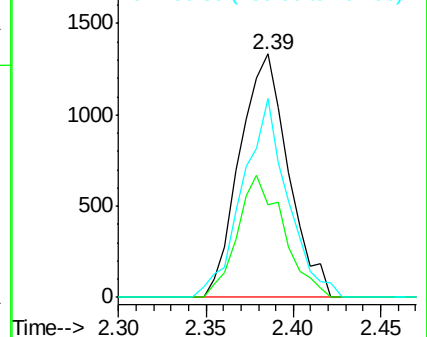
151 75.9 59.2 88.8



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: 0.695 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

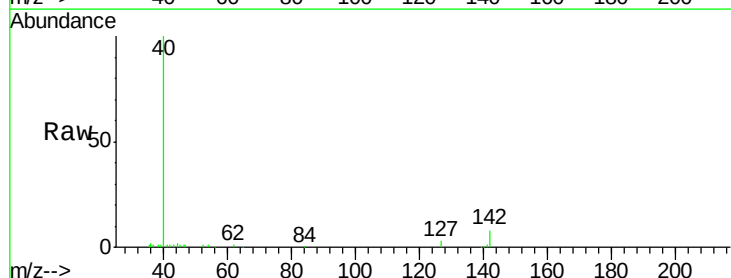
Tgt Ion:142 Resp: 1748

Ion Ratio Lower Upper

142 100

127 43.2 33.6 50.4

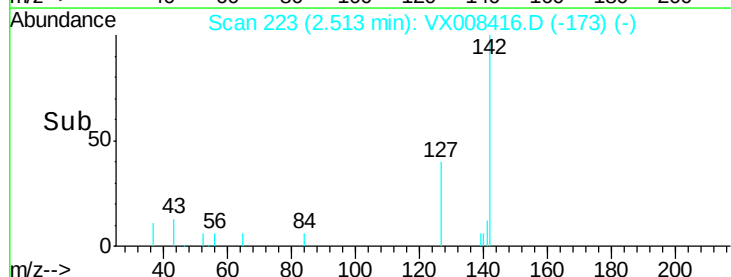
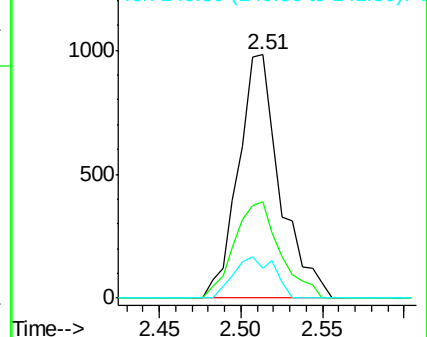
141 16.6 11.3 16.9

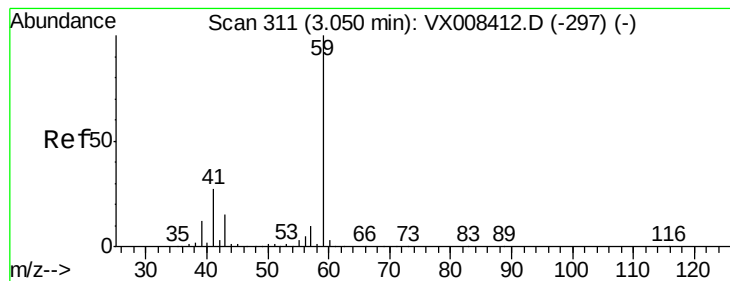


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



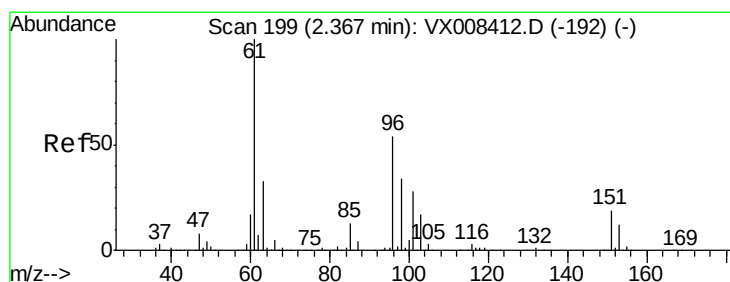
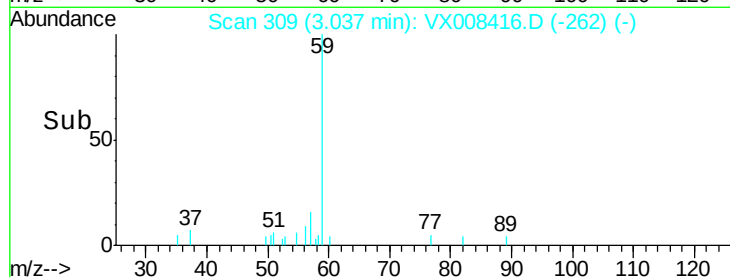
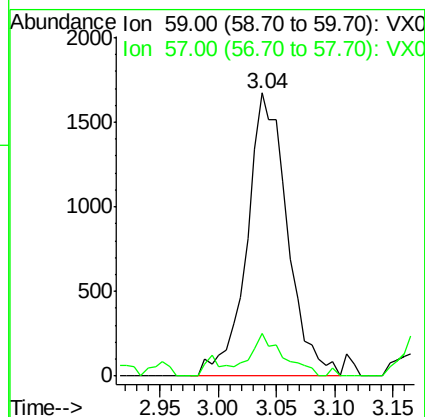
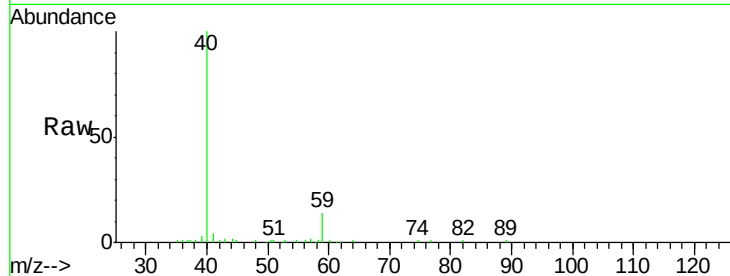


#11

Tert butyl alcohol
 Concen: 6.257 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

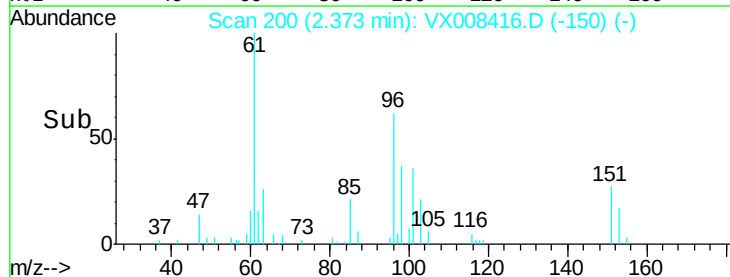
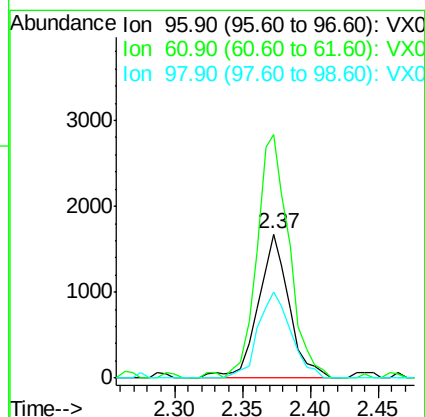
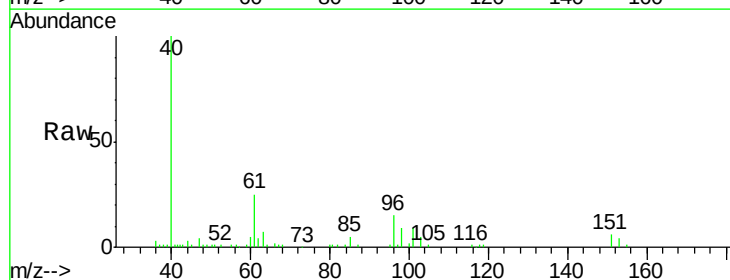
Tgt Ion: 59 Resp: 4036
 Ion Ratio Lower Upper
 59 100
 57 12.1 8.2 12.4

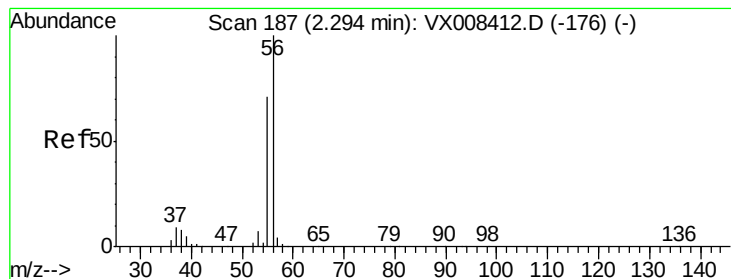


#12

1,1-Dichloroethene
 Concen: 1.241 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 96 Resp: 2681
 Ion Ratio Lower Upper
 96 100
 61 169.2 146.9 220.3
 98 59.8 50.1 75.1





#13

Acrolein

Concen: 6.356 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

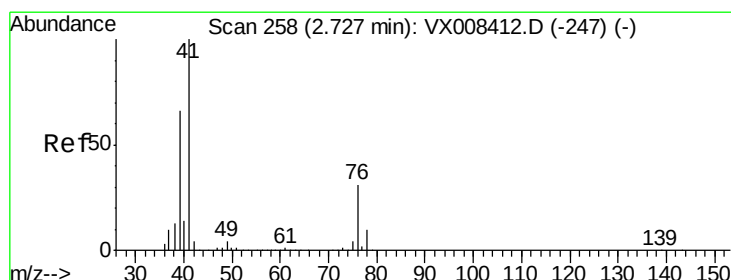
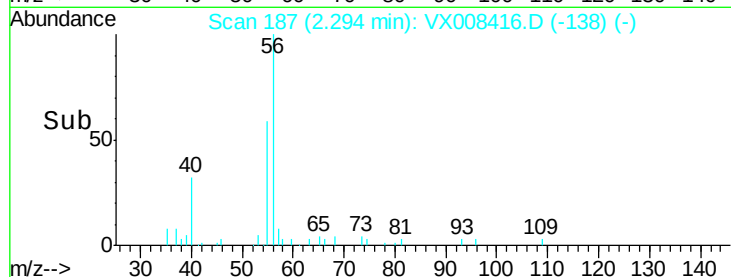
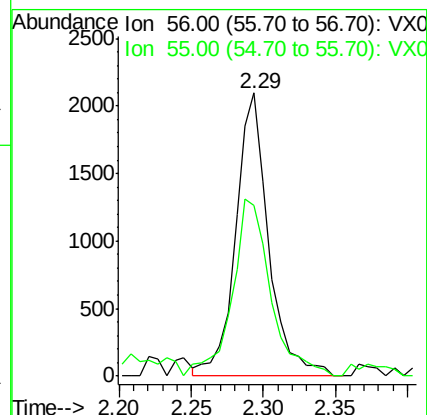
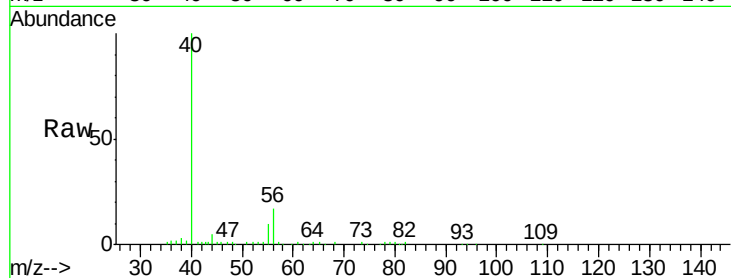
VSTDIC001

Tgt Ion: 56 Resp: 3339

Ion Ratio Lower Upper

56 100

55 73.0 56.5 84.7



#14

Allyl chloride

Concen: 1.217 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

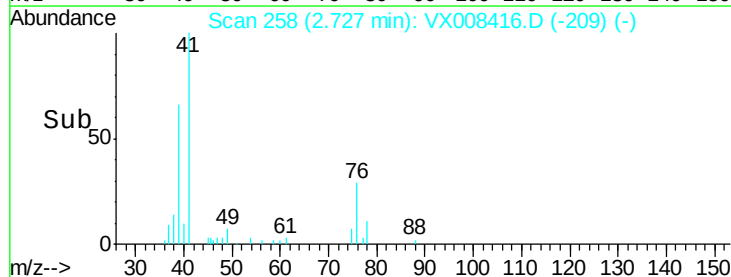
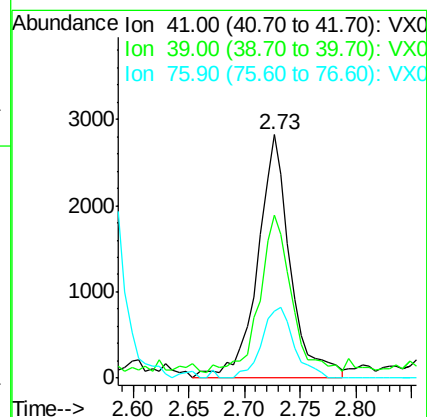
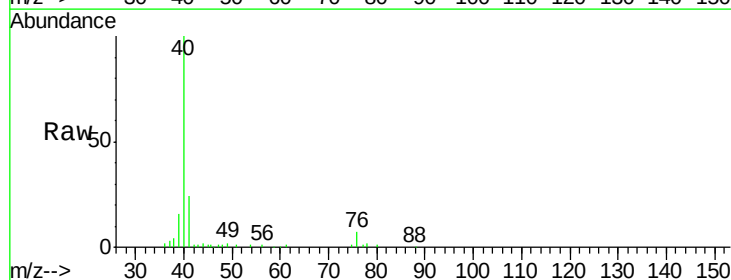
Tgt Ion: 41 Resp: 5796

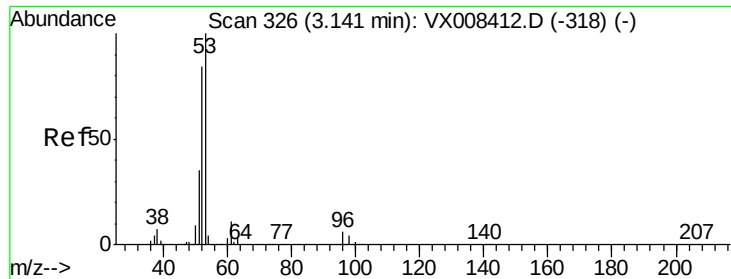
Ion Ratio Lower Upper

41 100

39 62.8 49.6 74.4

76 28.4 22.6 34.0





#15

Acrylonitrile

Concen: 6.021 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

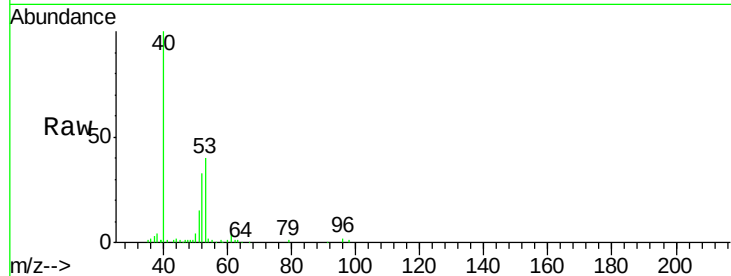
Tgt Ion: 53 Resp: 9885

Ion Ratio Lower Upper

53 100

52 84.1 66.5 99.7

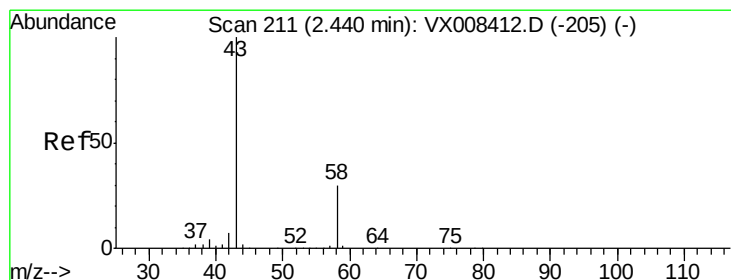
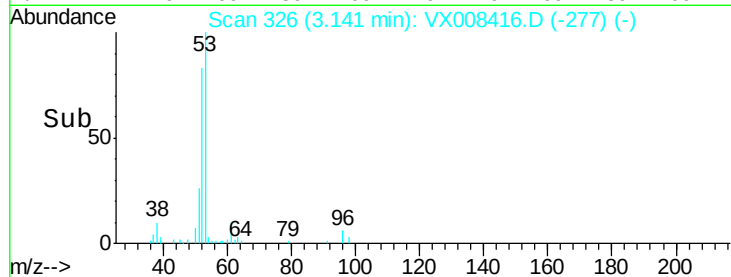
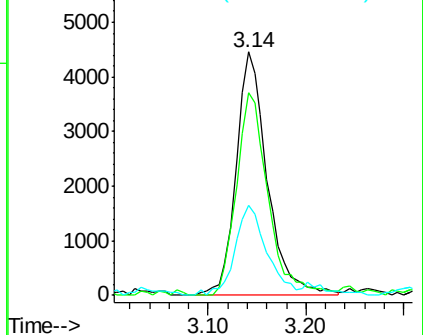
51 37.2 28.3 42.5



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: 5.976 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008416.D

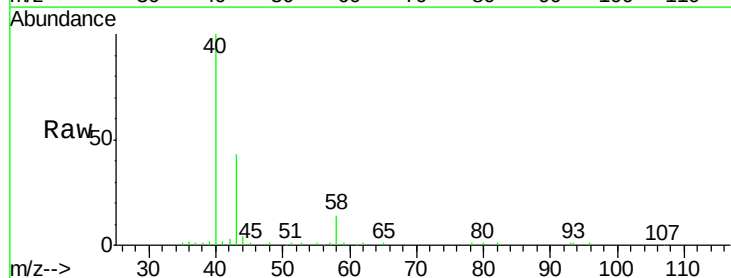
Acq: 25 Mar 2019 16:26

Tgt Ion: 43 Resp: 8651

Ion Ratio Lower Upper

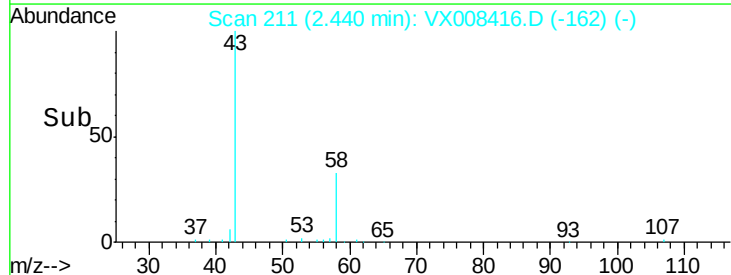
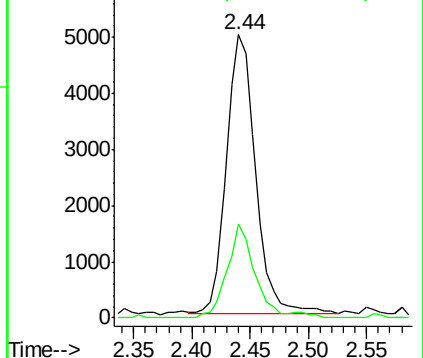
43 100

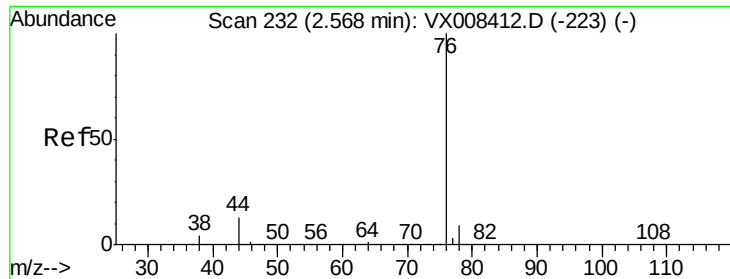
58 33.7 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

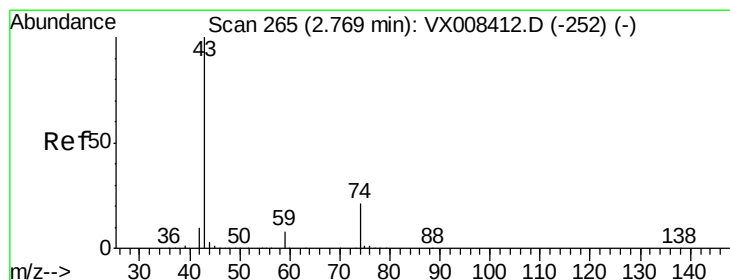
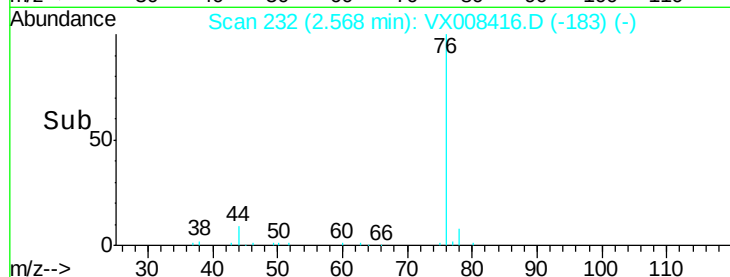
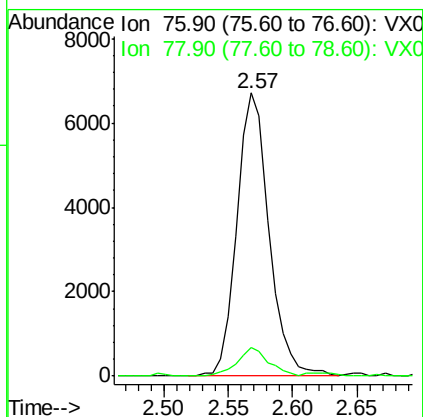
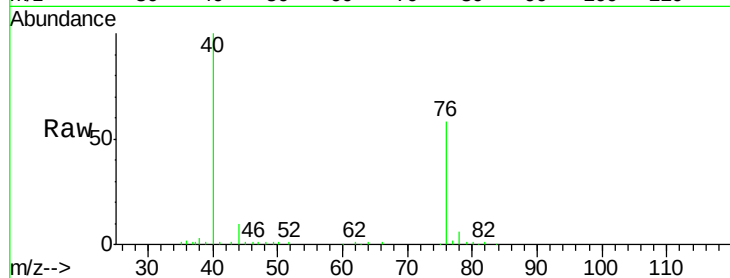




#17
Carbon Disulfide
Concen: 1.686 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

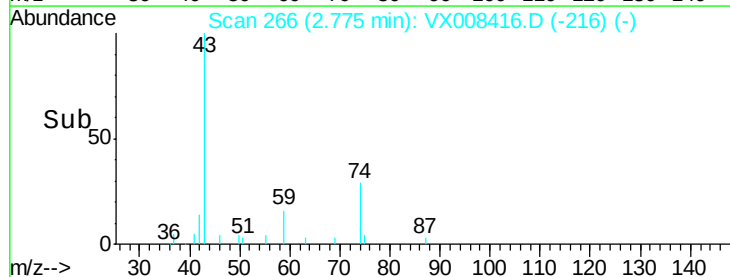
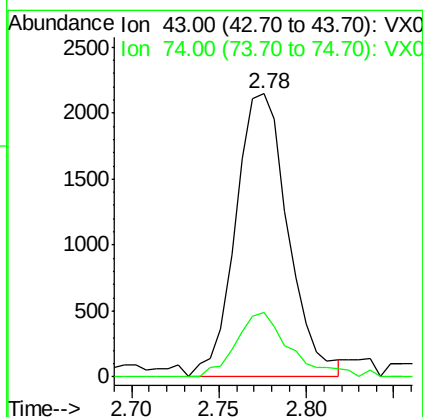
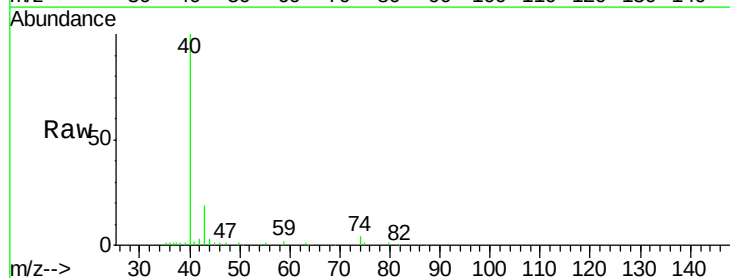
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

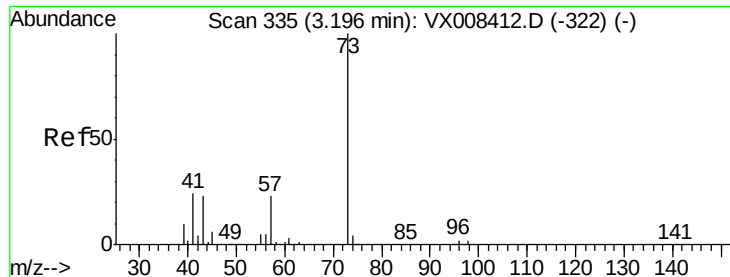
Tgt Ion: 76 Resp: 11615
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 1.245 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 43 Resp: 4481
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 1.133 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

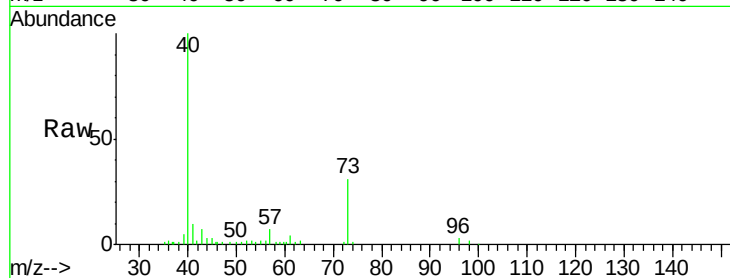
VSTDIC001

Tgt Ion: 73 Resp: 8804

Ion Ratio Lower Upper

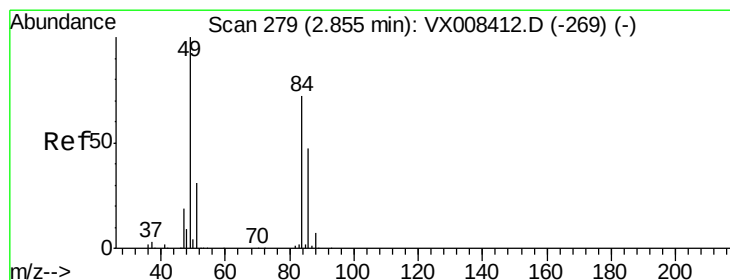
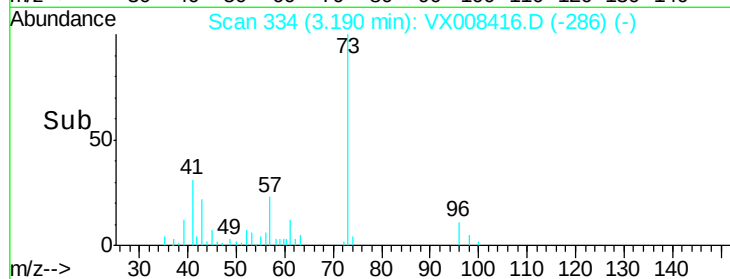
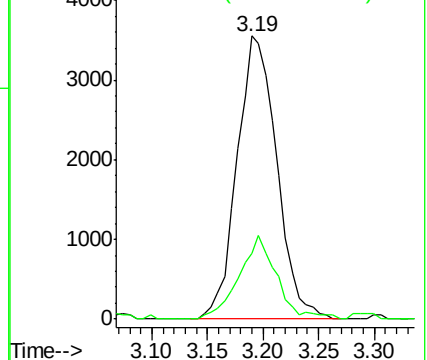
73 100

57 23.2 18.6 28.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 1.375 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion: 84 Resp: 3585

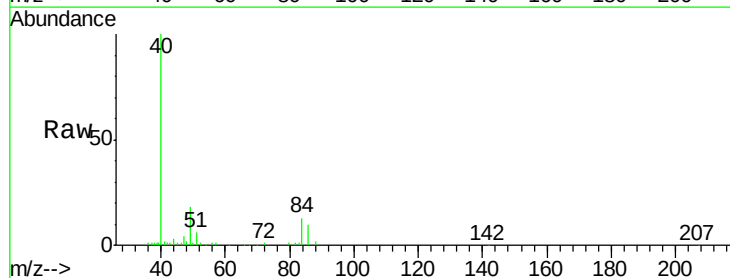
Ion Ratio Lower Upper

84 100

49 128.6 110.6 165.8

51 48.4 33.9 50.9

86 71.9 52.2 78.2

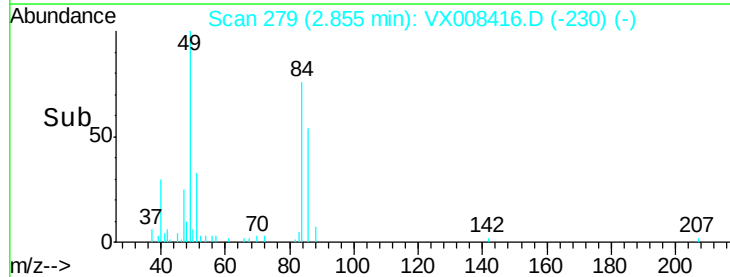
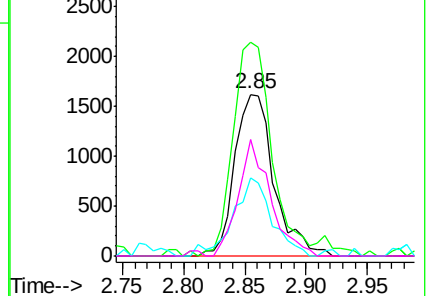


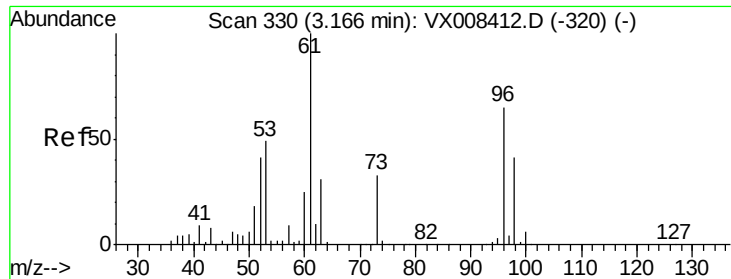
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.407 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

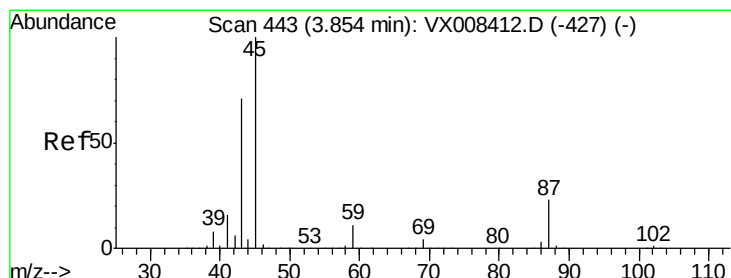
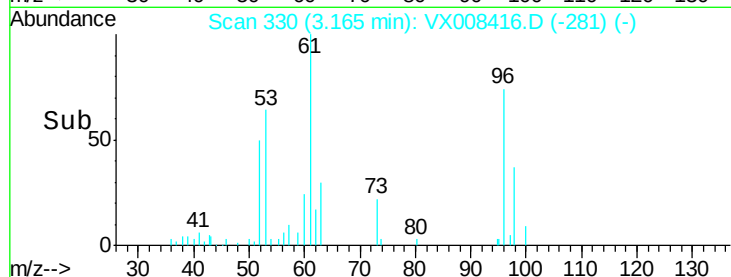
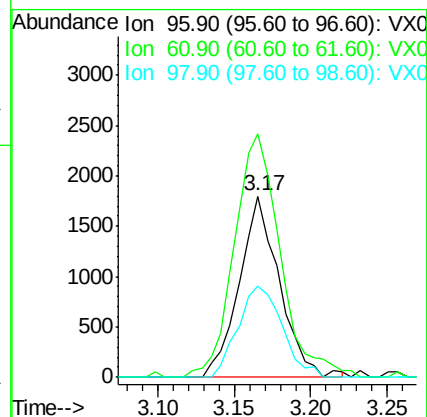
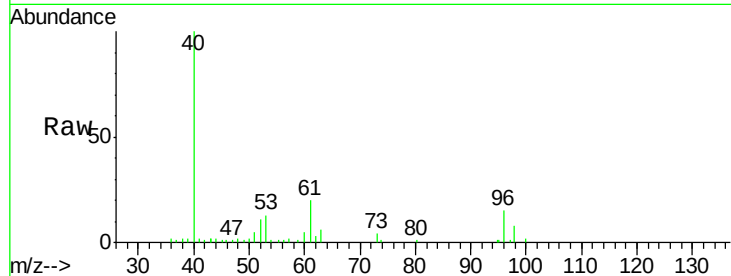
Tgt Ion: 96 Resp: 3280

Ion Ratio Lower Upper

96 100

61 130.8 122.6 184.0

98 50.4 50.9 76.3#



#22

Diisopropyl ether

Concen: 1.167 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion: 45 Resp: 10846

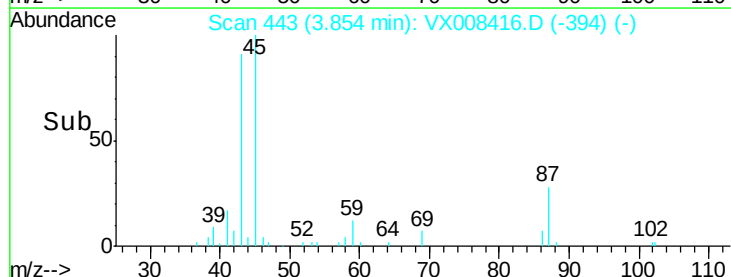
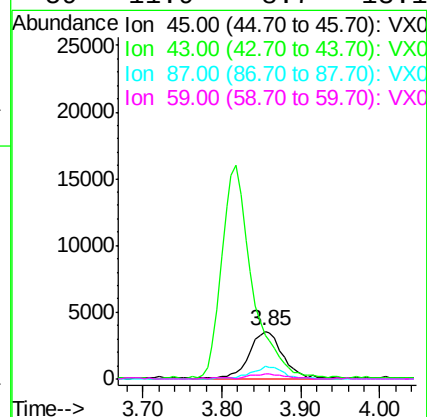
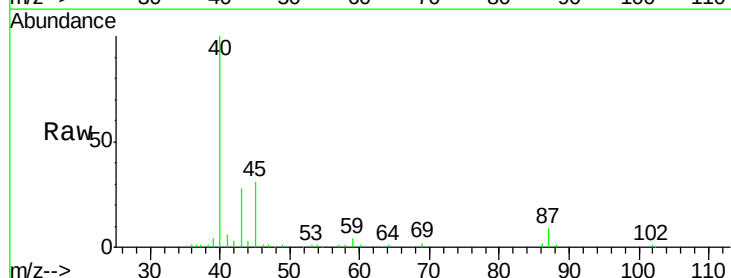
Ion Ratio Lower Upper

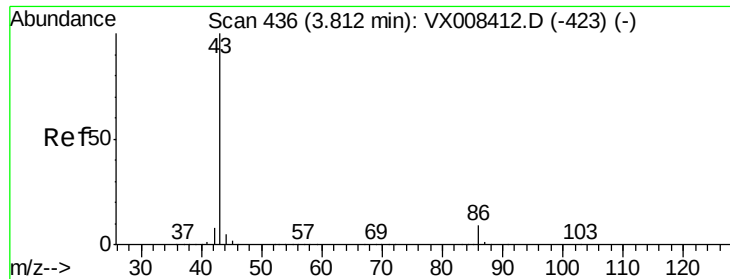
45 100

43 86.5 57.1 85.7#

87 27.1 18.8 28.2

59 11.9 8.7 13.1





#23

Vinyl Acetate

Concen: 5.336 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

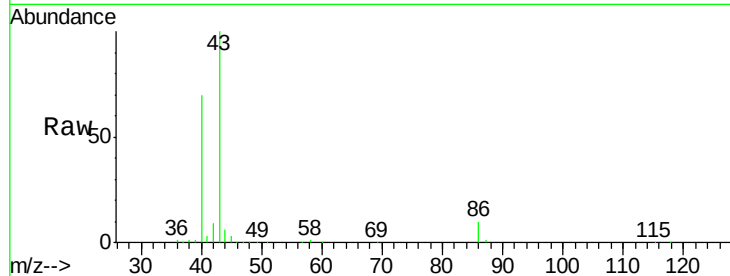
VSTDIC001

Tgt Ion: 43 Resp: 43724

Ion Ratio Lower Upper

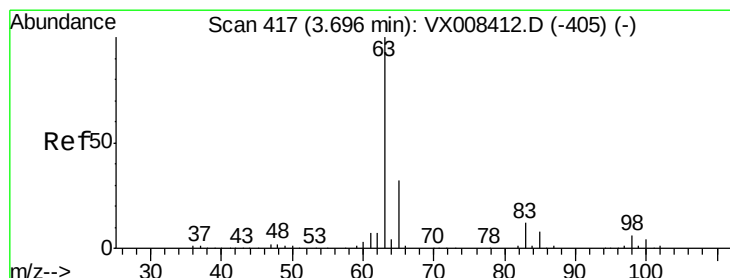
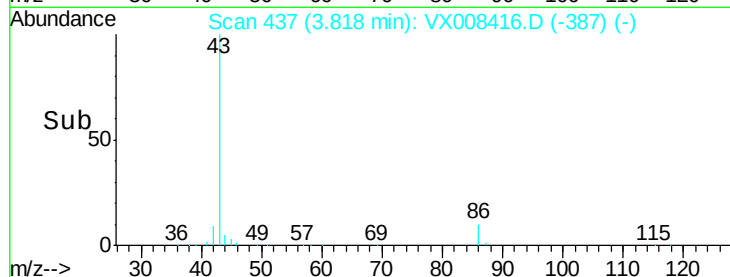
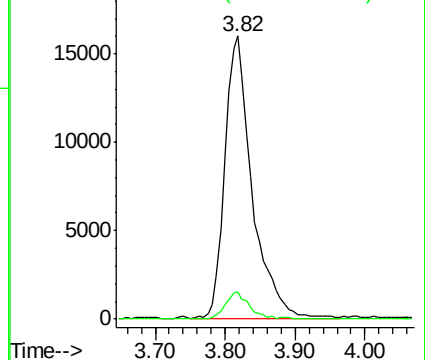
43 100

86 9.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.190 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

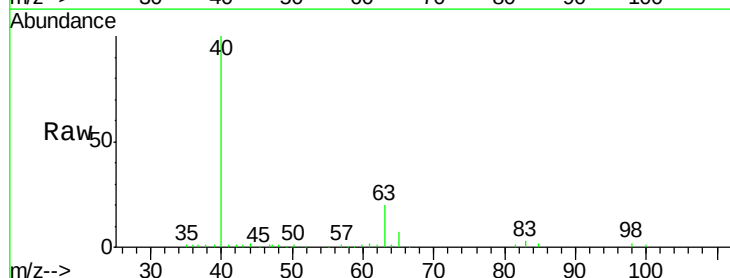
Tgt Ion: 63 Resp: 5632

Ion Ratio Lower Upper

63 100

98 8.7 3.2 9.6

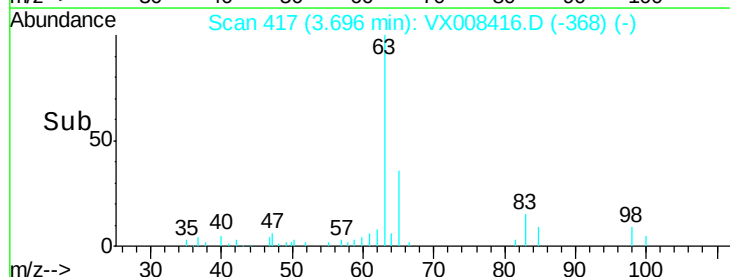
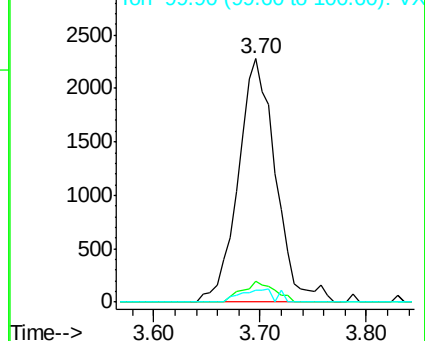
100 4.9 2.0 5.8

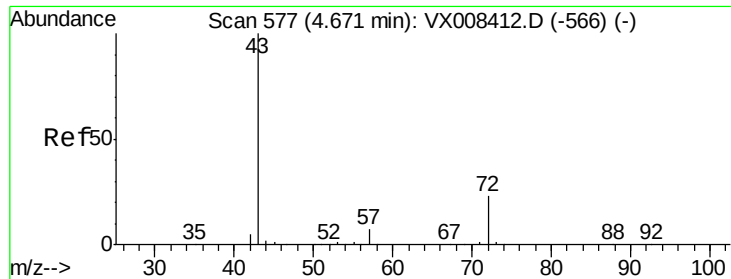


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.666 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

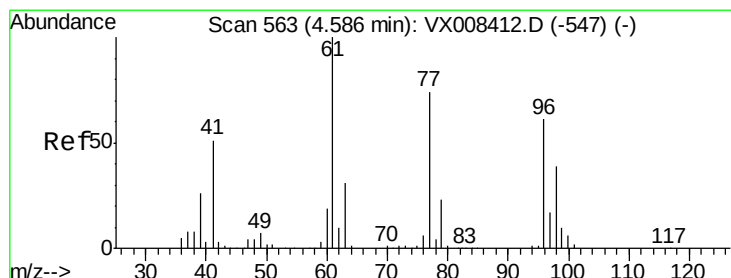
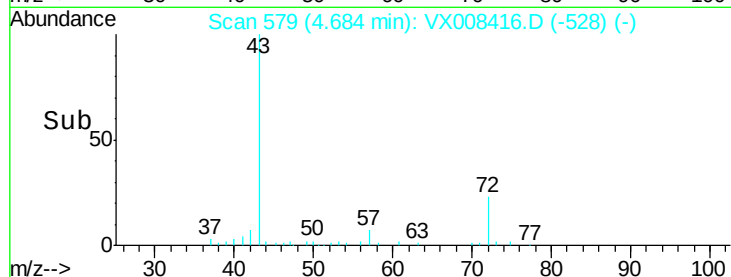
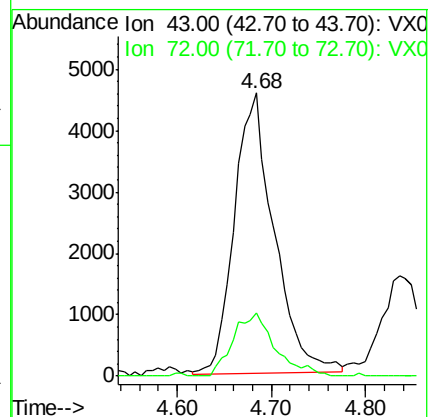
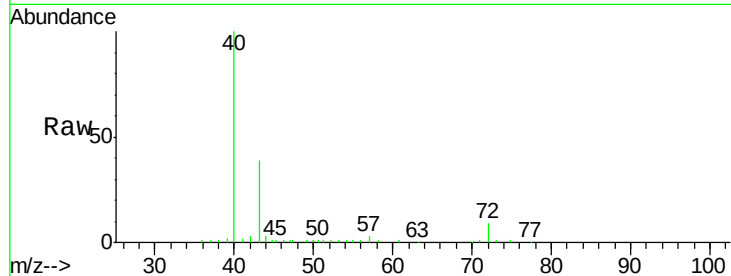
VSTDIC001

Tgt Ion: 43 Resp: 13440

Ion Ratio Lower Upper

43 100

72 22.7 18.6 28.0



#26

2,2-Dichloropropane

Concen: 1.095 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008416.D

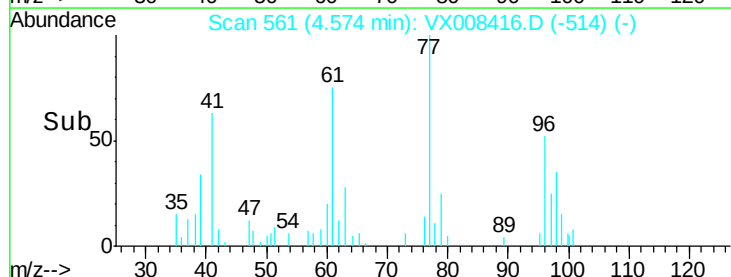
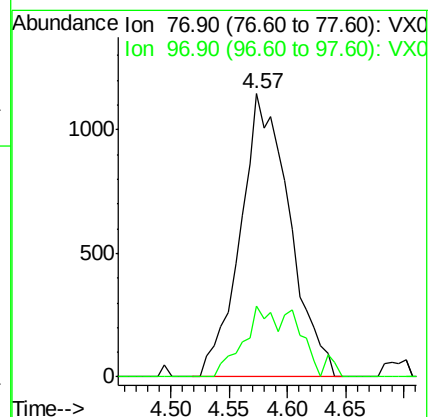
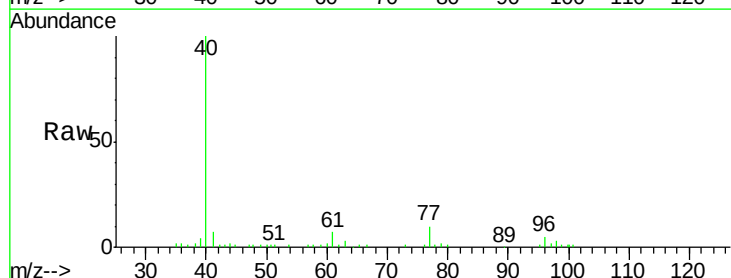
Acq: 25 Mar 2019 16:26

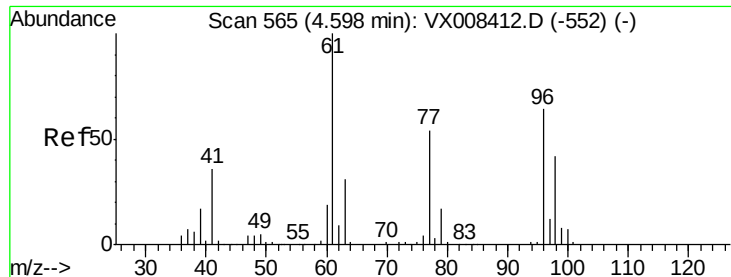
Tgt Ion: 77 Resp: 3360

Ion Ratio Lower Upper

77 100

97 16.3 11.2 33.6



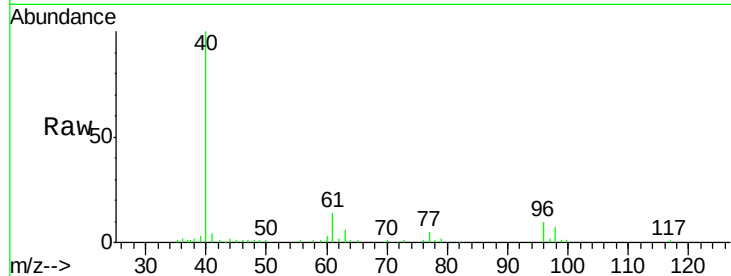


#27

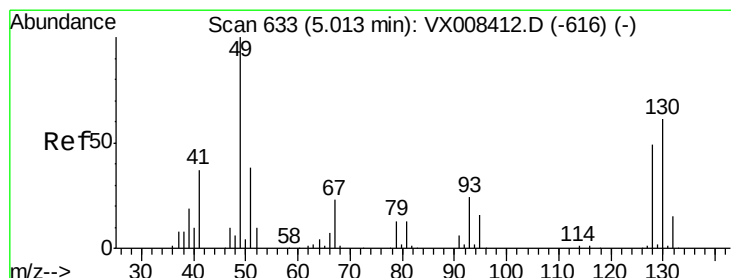
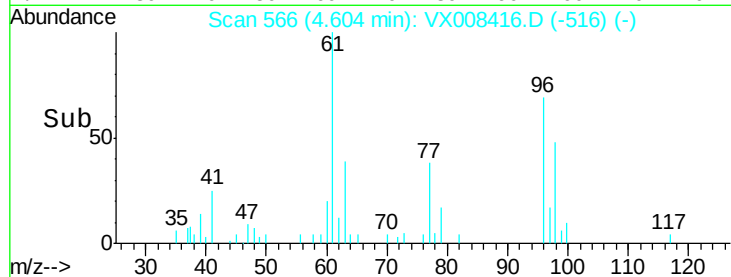
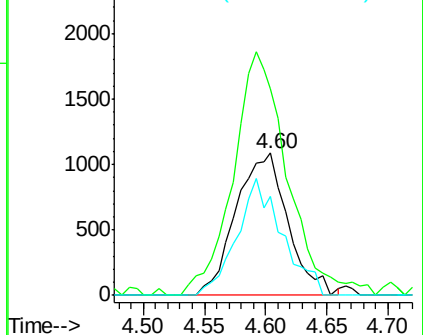
cis-1,2-Dichloroethene
 Concen: 1.200 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 3206
 Ion Ratio Lower Upper
 96 100
 61 179.3 0.0 325.6
 98 72.0 0.0 130.0



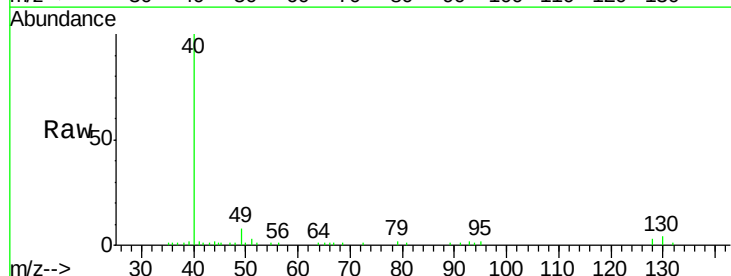
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



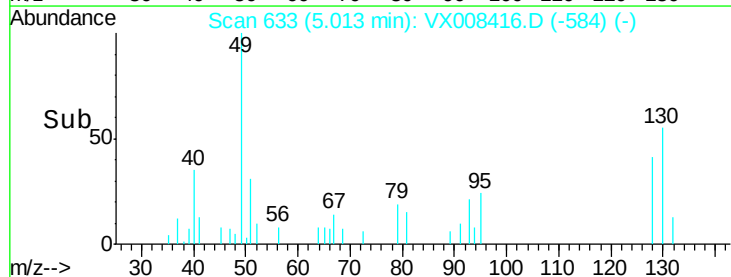
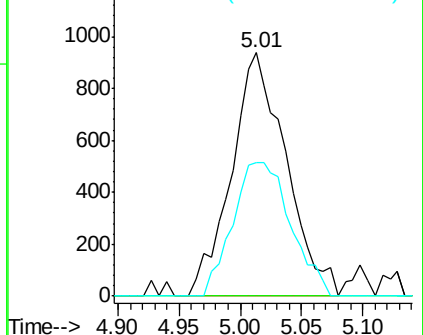
#28

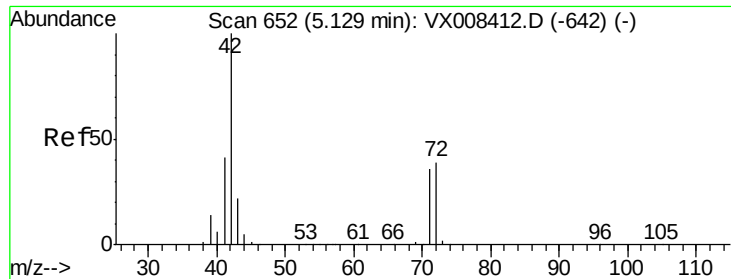
Bromochloromethane
 Concen: 1.252 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 49 Resp: 2915
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.4
 130 58.1 49.8 74.6



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

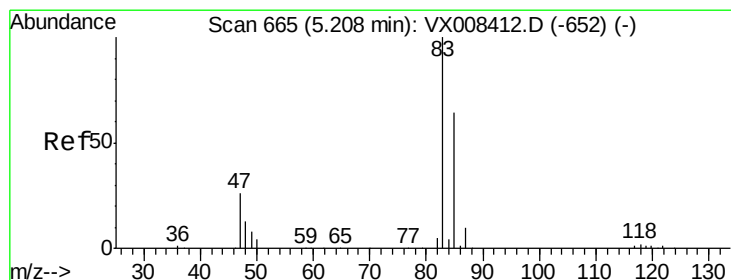
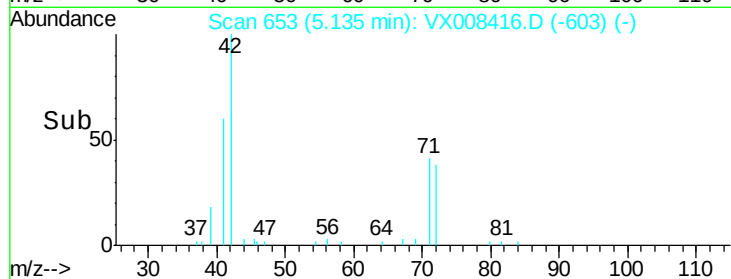
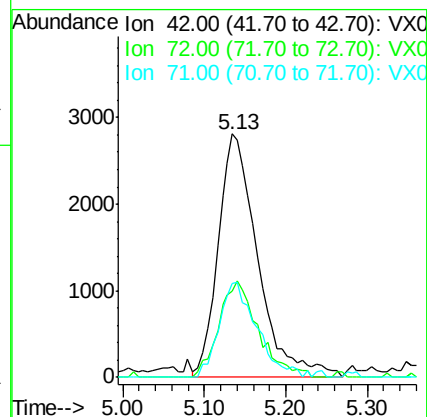
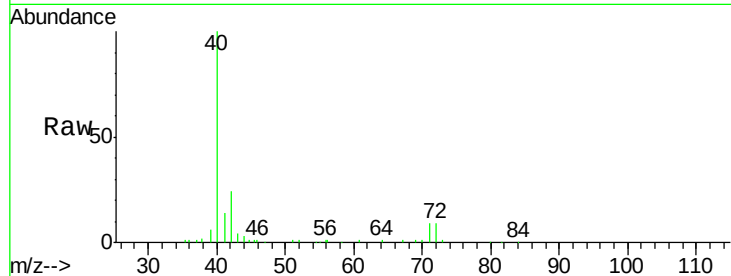




#29
Tetrahydrofuran
Concen: 6.045 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

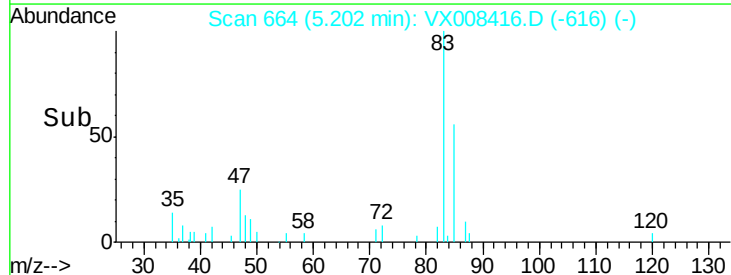
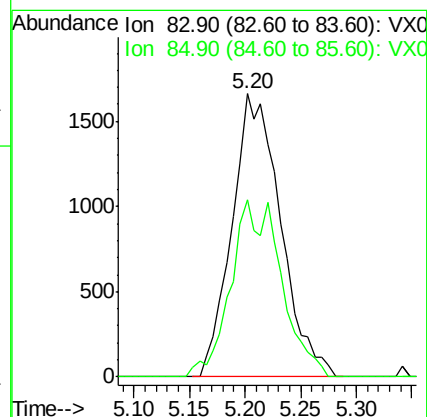
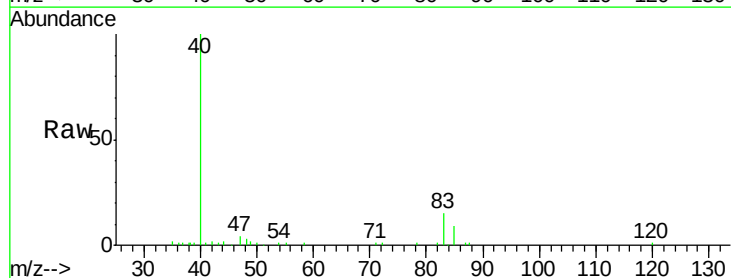
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

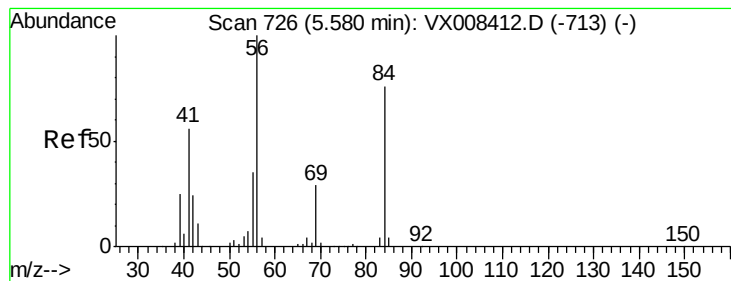
Tgt Ion: 42 Resp: 9475
Ion Ratio Lower Upper
42 100
72 39.5 31.4 47.2
71 37.2 29.4 44.2



#30
Chloroform
Concen: 1.178 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 83 Resp: 5031
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.2





#31

Cyclohexane

Concen: 1.205 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

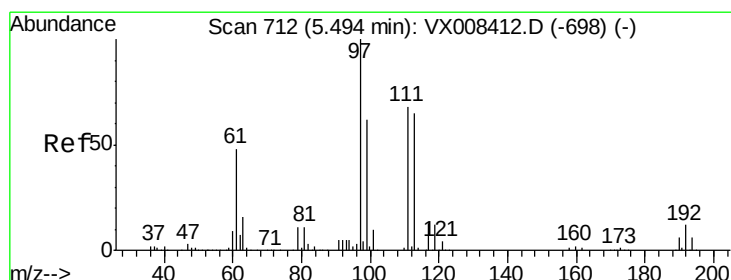
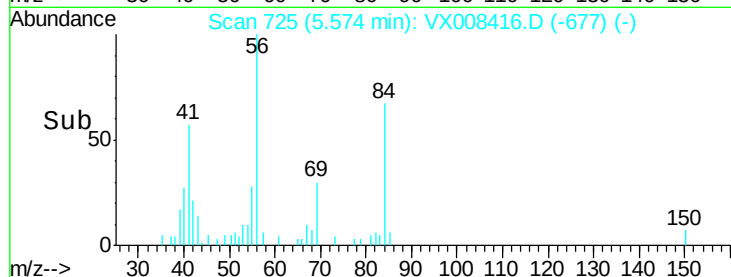
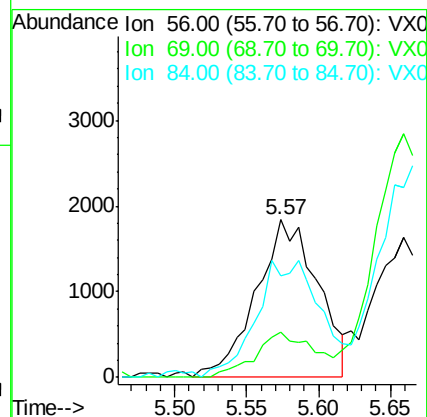
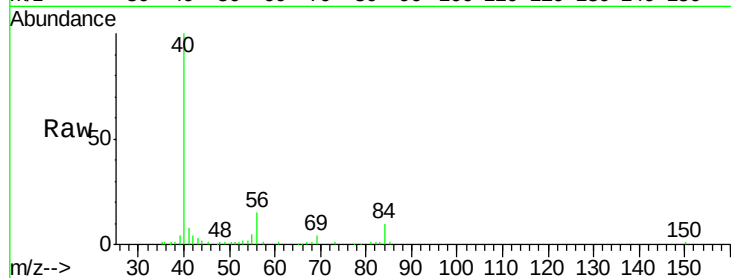
Tgt Ion: 56 Resp: 5457

Ion Ratio Lower Upper

56 100

69 28.4 23.2 34.8

84 60.7 60.7 91.1#



#32

1,1,1-Trichloroethane

Concen: 1.128 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

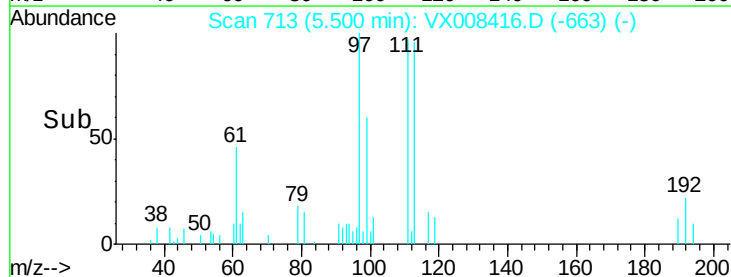
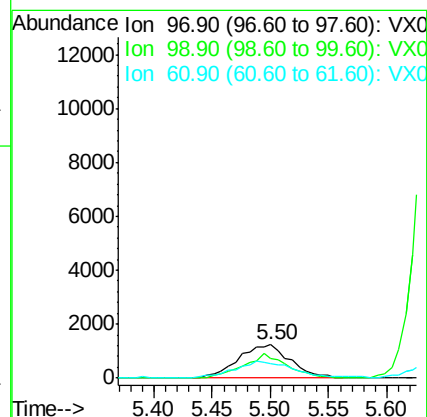
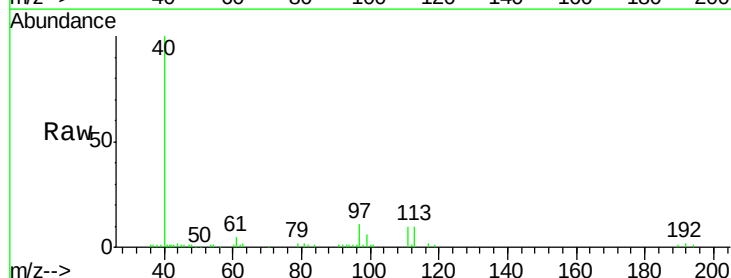
Tgt Ion: 97 Resp: 3819

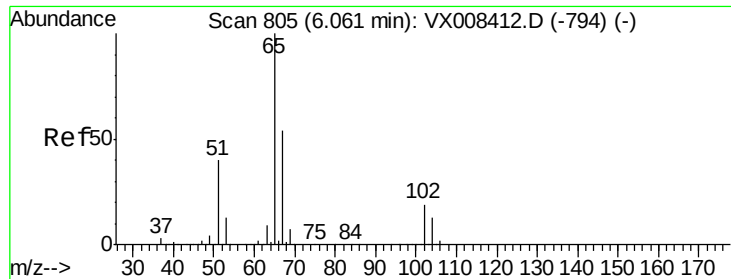
Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

61 58.9 38.8 58.2#

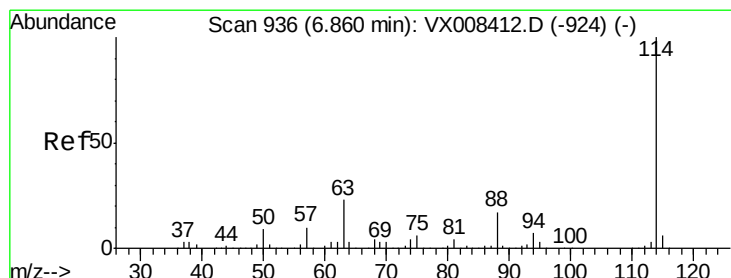
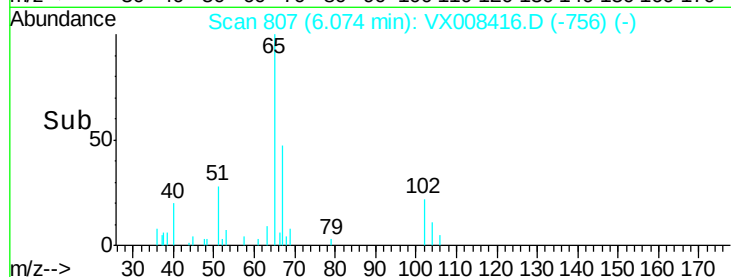
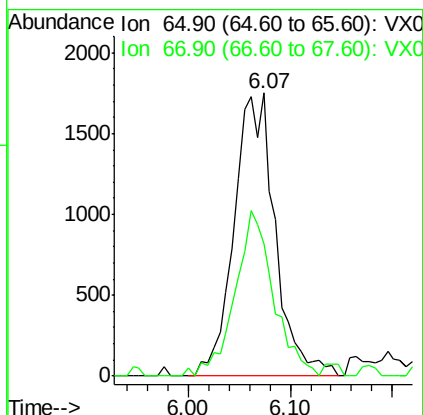
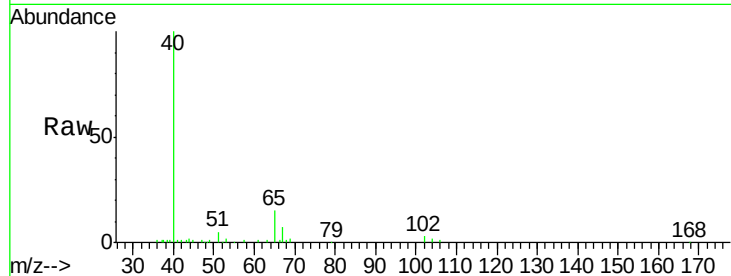




#33
 1,2-Dichloroethane-d4
 Concen: 1.702 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

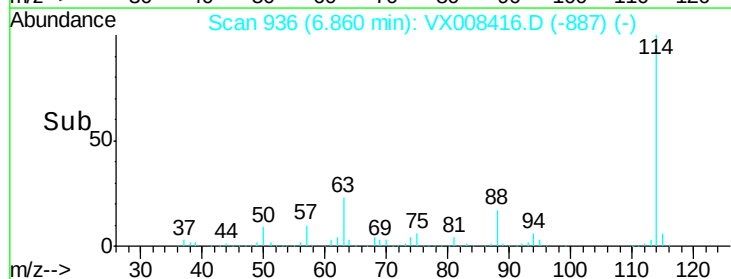
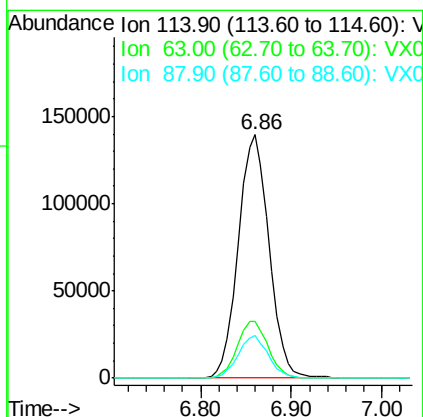
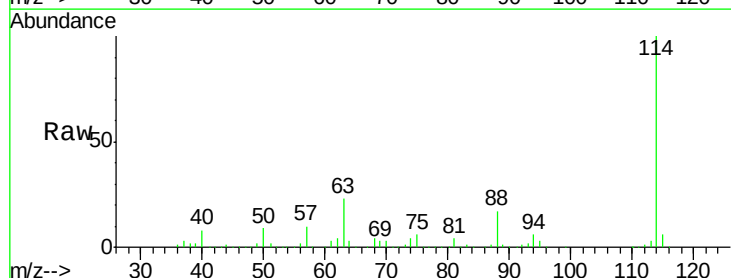
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

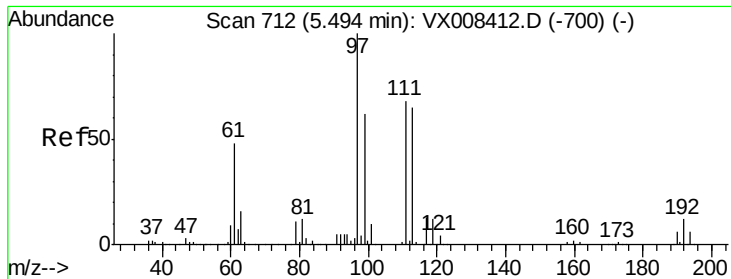
Tgt Ion: 65 Resp: 4893
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 114 Resp: 327948
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 1.486 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

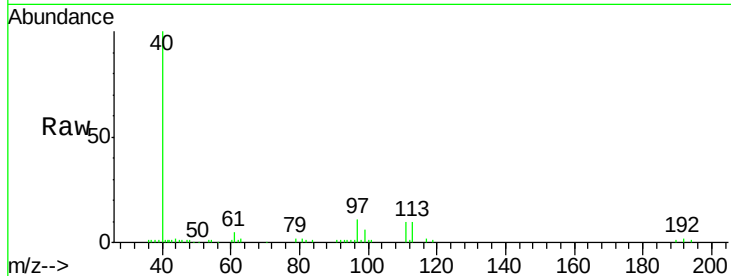
Tgt Ion:113 Resp: 3152

Ion Ratio Lower Upper

113 100

111 110.4 83.0 124.4

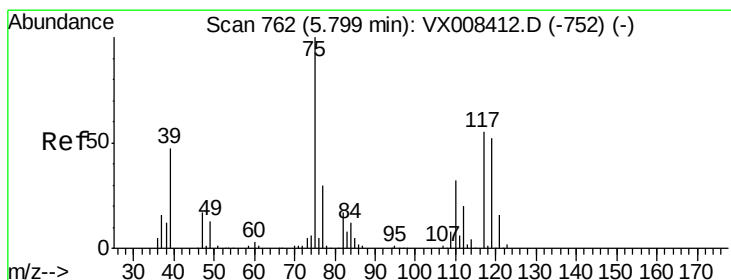
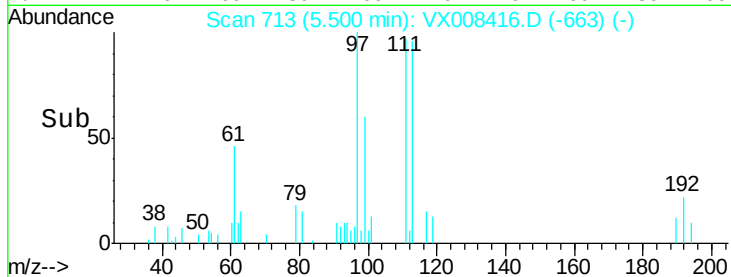
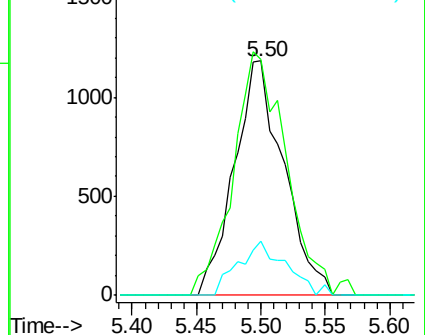
192 22.5 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.324 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

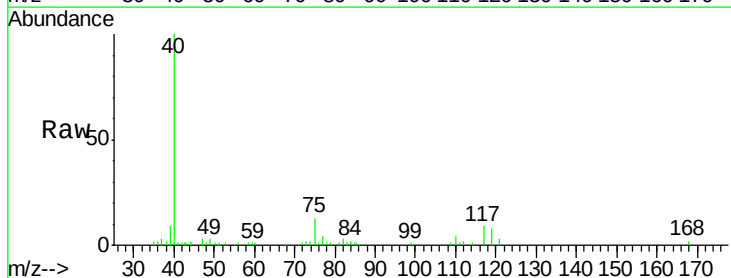
Tgt Ion: 75 Resp: 4429

Ion Ratio Lower Upper

75 100

110 31.2 16.6 49.7

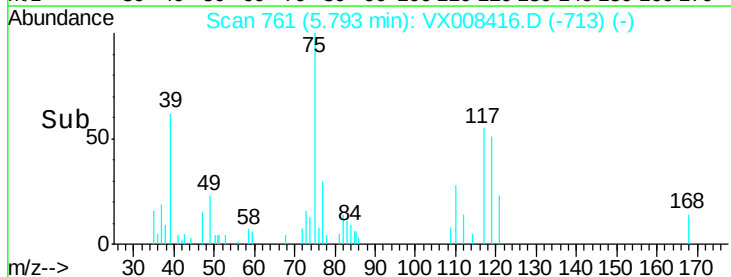
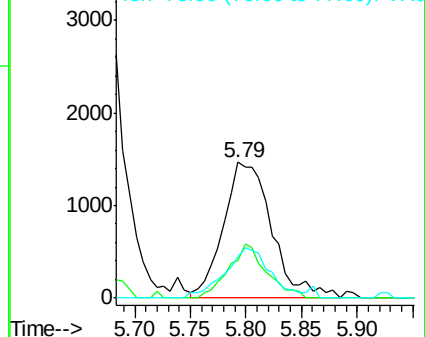
77 35.8 24.2 36.2

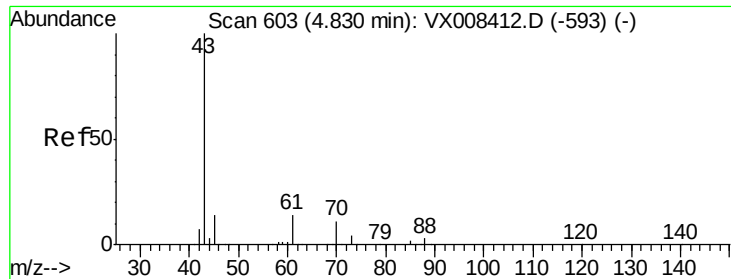


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

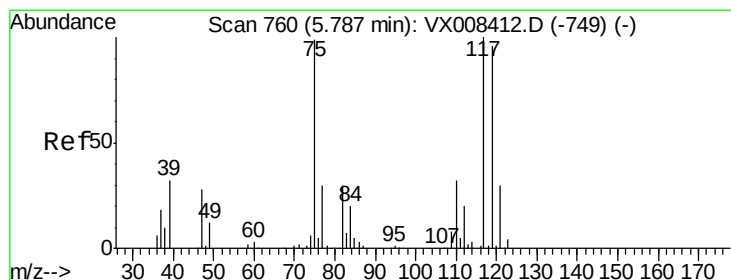
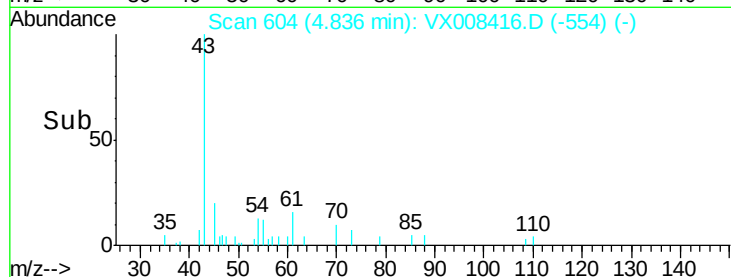
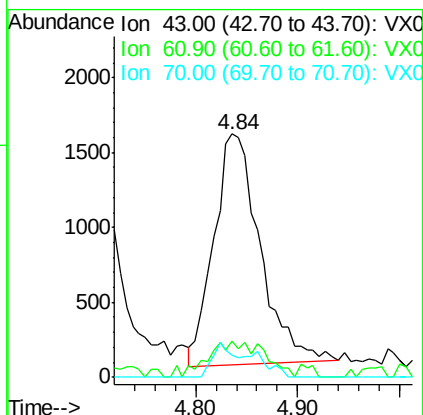
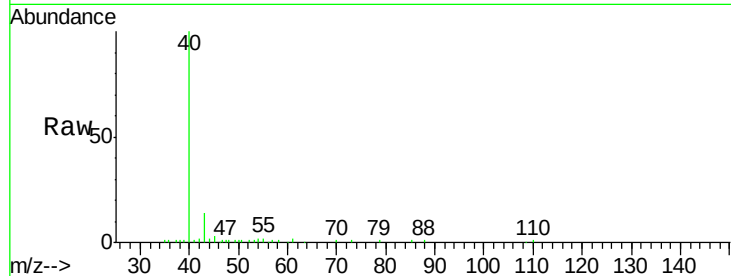




#37
Ethyl Acetate
Concen: 1.072 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

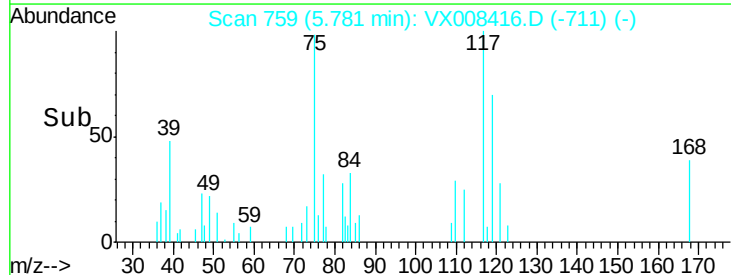
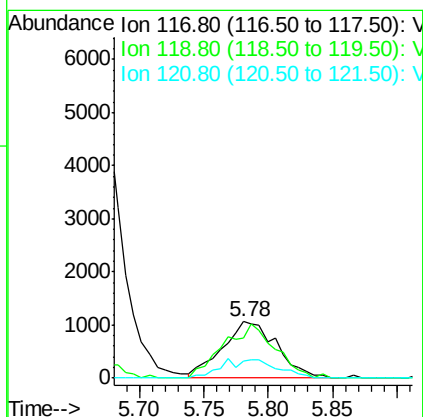
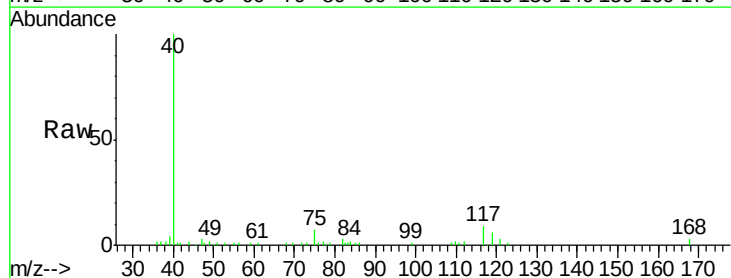
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

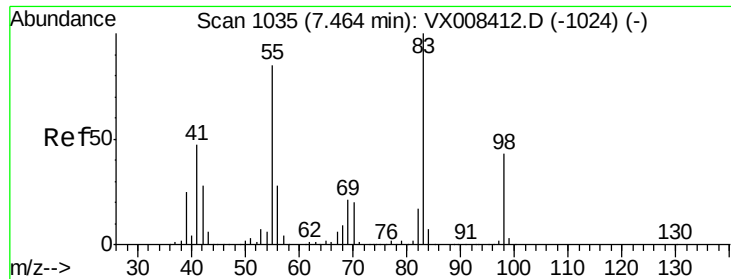
Tgt Ion: 43 Resp: 4834
Ion Ratio Lower Upper
43 100
61 7.2 10.5 15.7#
70 6.9 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 1.090 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 117 Resp: 3135
Ion Ratio Lower Upper
117 100
119 70.7 76.7 115.1#
121 29.8 24.3 36.5

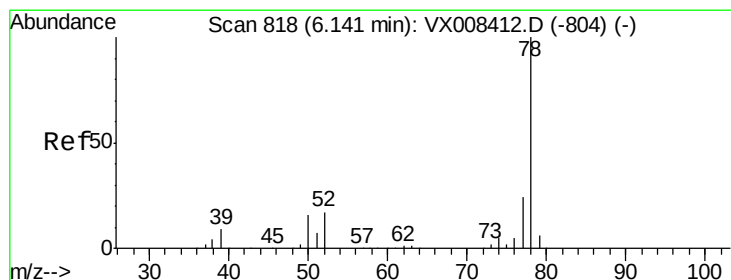
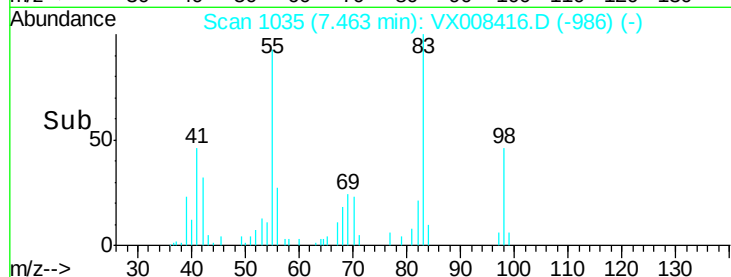
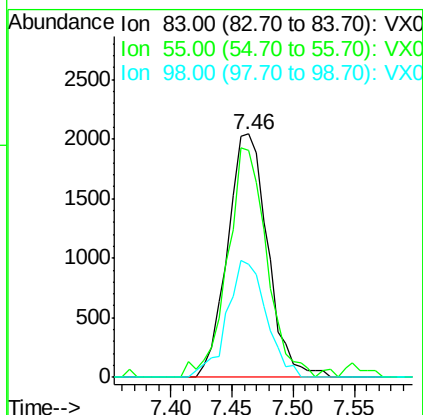
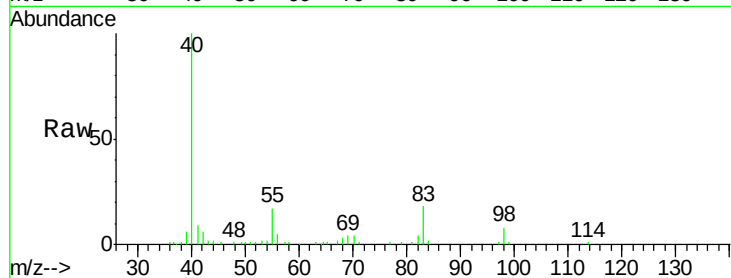




#39
Methylcyclohexane
Concen: 1.134 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

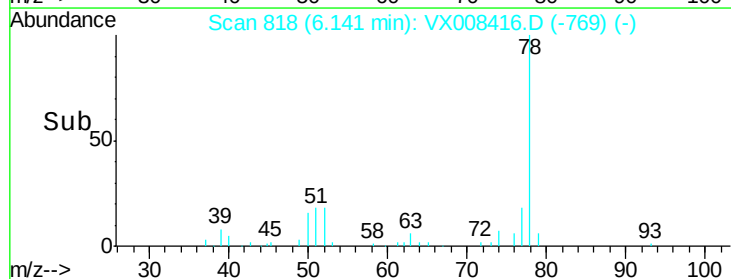
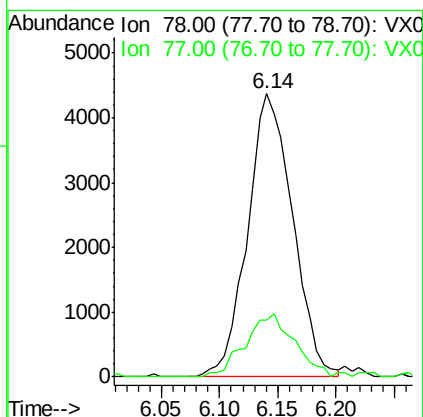
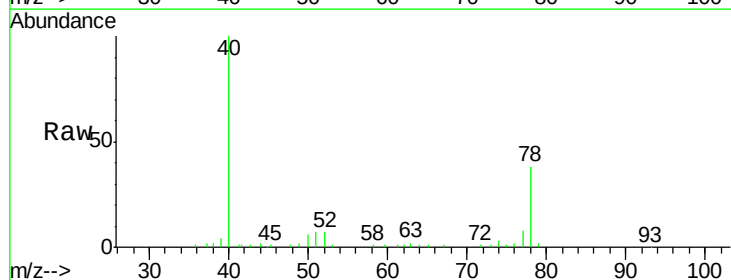
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

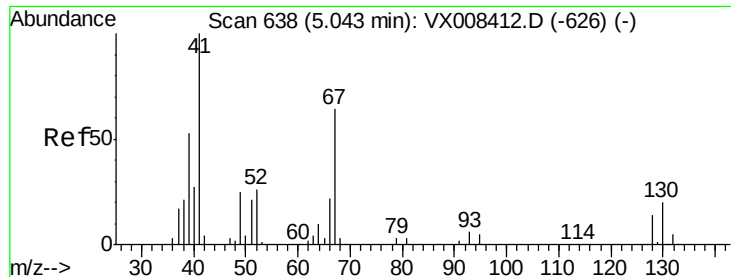
Tgt Ion: 83 Resp: 4656
Ion Ratio Lower Upper
83 100
55 93.3 68.2 102.4
98 46.4 34.2 51.4



#40
Benzene
Concen: 1.153 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 78 Resp: 11765
Ion Ratio Lower Upper
78 100
77 20.2 19.3 28.9

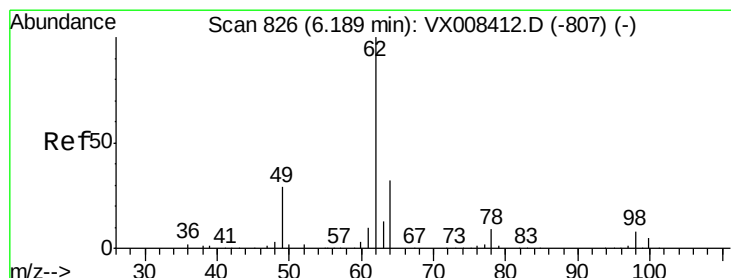
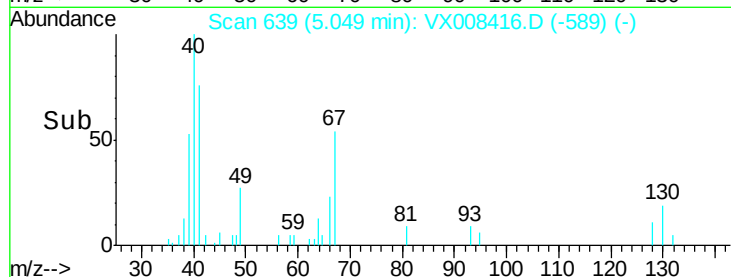
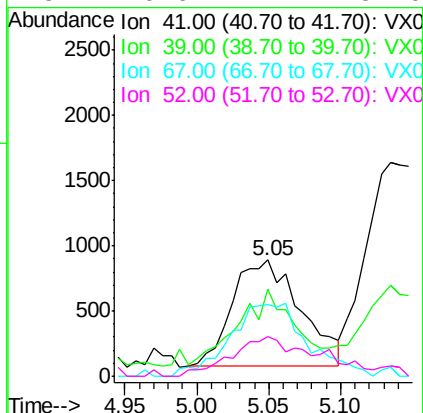
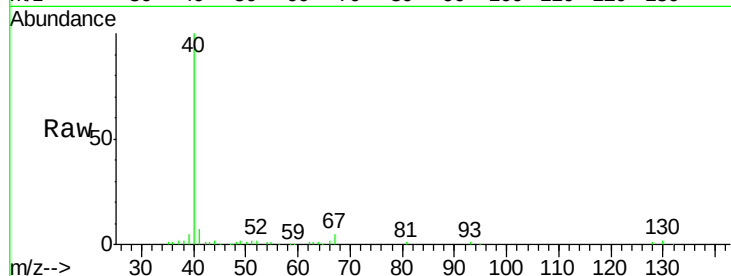




#41
Methacrylonitrile
Concen: 1.083 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

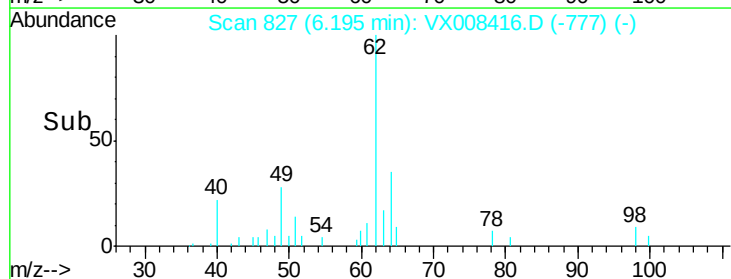
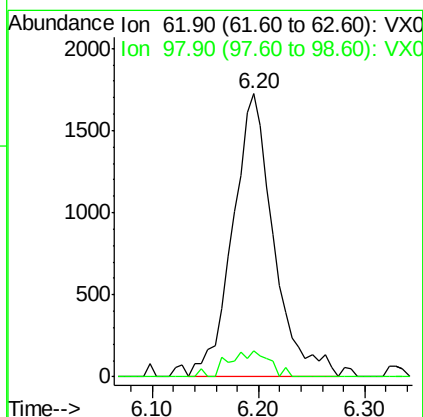
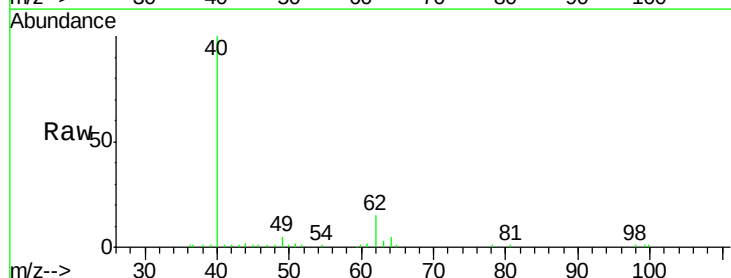
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

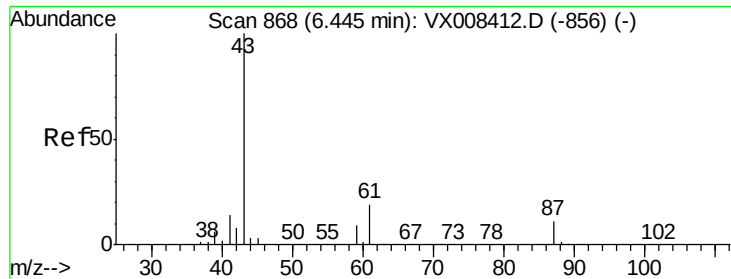
Tgt Ion: 41 Resp: 2668
Ion Ratio Lower Upper
41 100
39 59.3 42.6 64.0
67 77.5 52.2 78.4
52 46.6 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 1.256 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 62 Resp: 4650
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 1.107 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

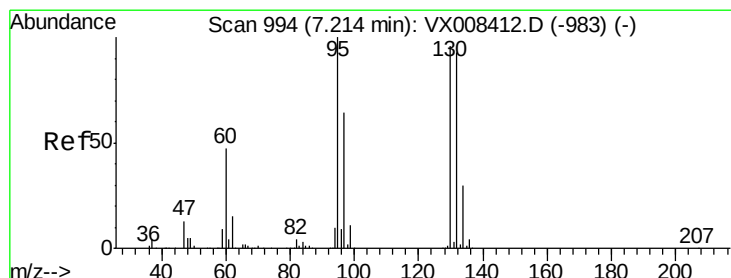
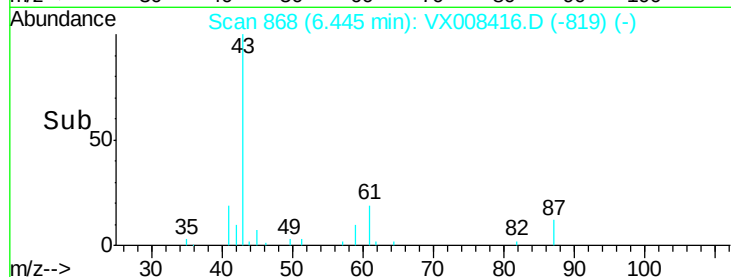
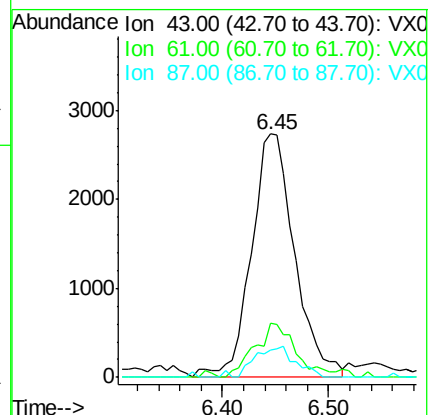
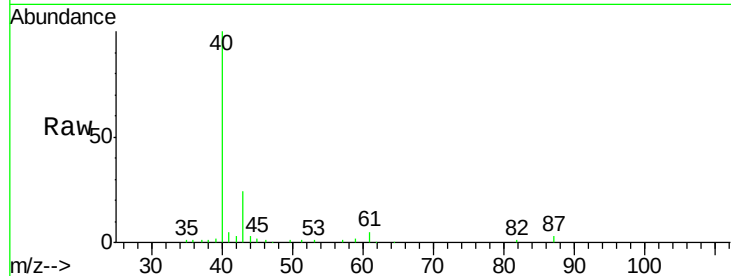
Tgt Ion: 43 Resp: 7791

Ion Ratio Lower Upper

43 100

61 21.1 15.4 23.2

87 11.6 9.1 13.7



#44

Trichloroethene

Concen: 1.288 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008416.D

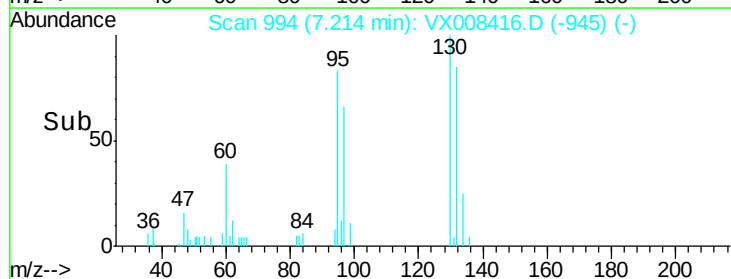
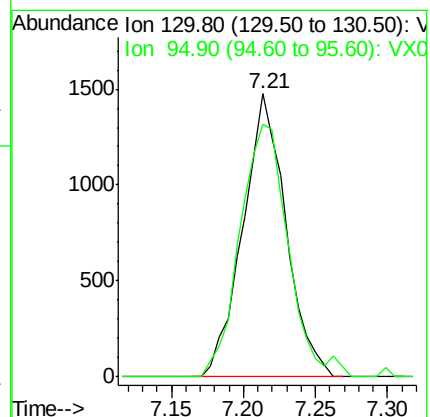
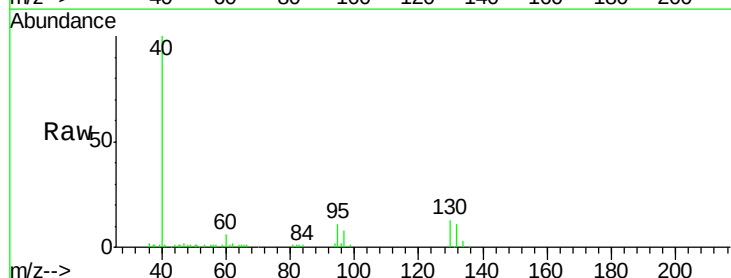
Acq: 25 Mar 2019 16:26

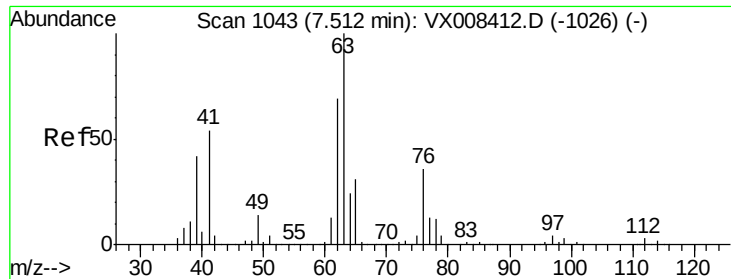
Tgt Ion: 130 Resp: 3055

Ion Ratio Lower Upper

130 100

95 89.1 0.0 208.8

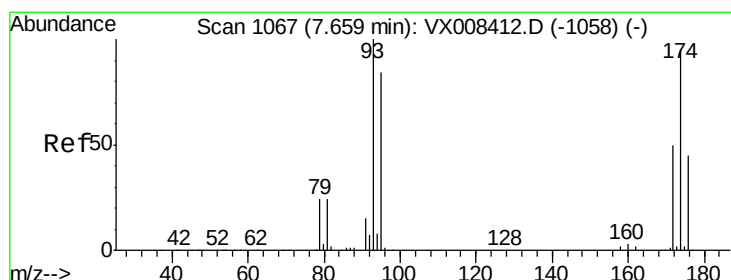
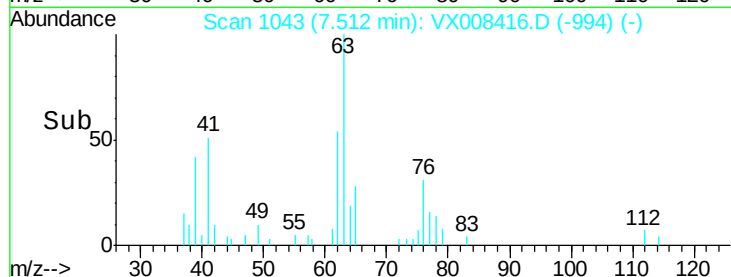
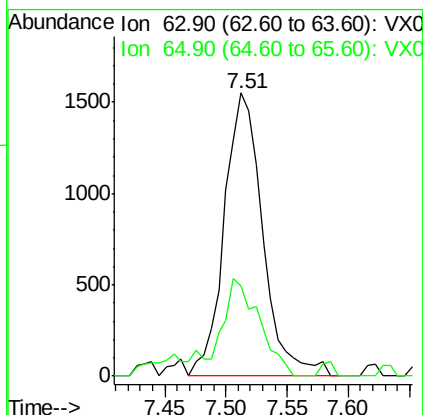
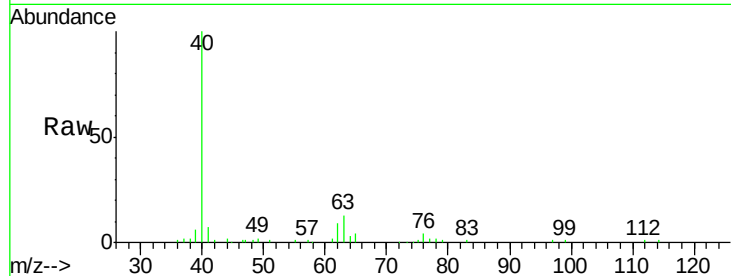




#45
 1,2-Dichloropropane
 Concen: 1.173 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

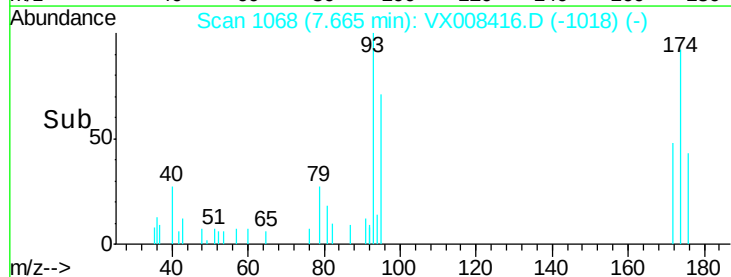
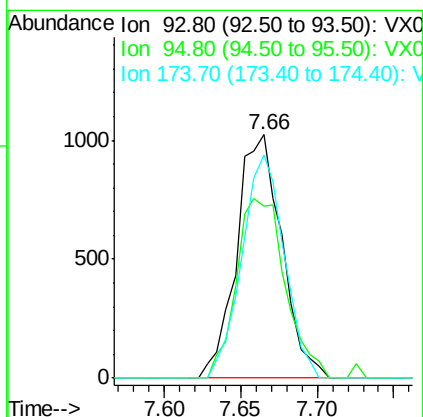
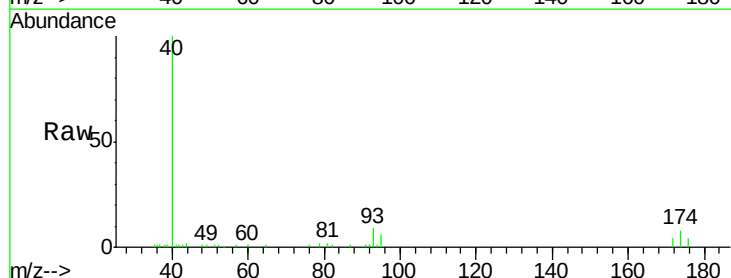
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

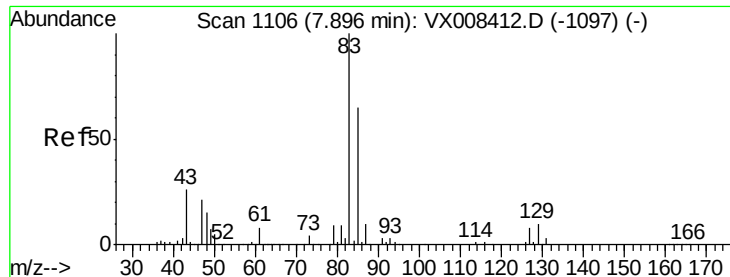
Tgt Ion: 63 Resp: 3389
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.1 37.7



#46
 Dibromomethane
 Concen: 1.225 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 93 Resp: 2096
 Ion Ratio Lower Upper
 93 100
 95 80.0 67.0 100.6
 174 85.9 76.0 114.0





#47

Bromodichloromethane

Concen: 1.046 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

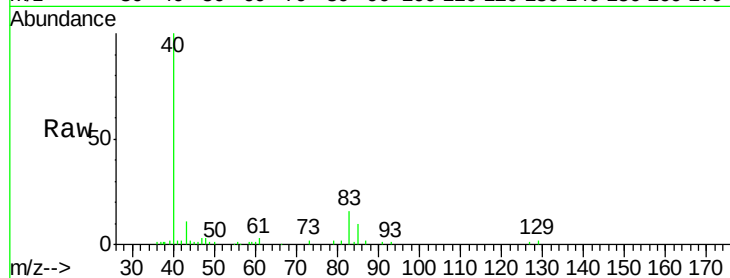
Tgt Ion: 83 Resp: 3419

Ion Ratio Lower Upper

83 100

85 61.3 52.0 78.0

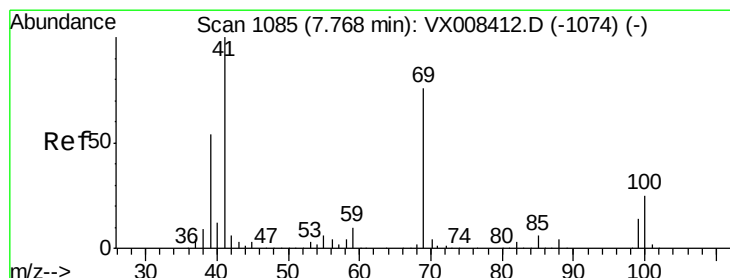
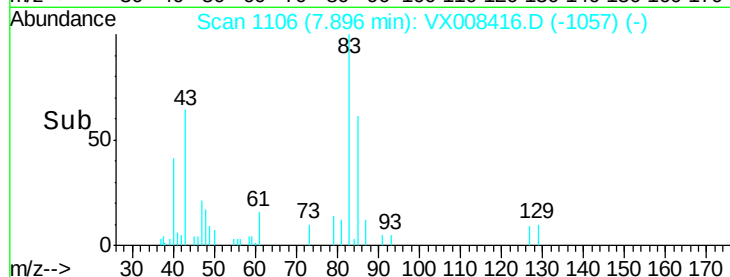
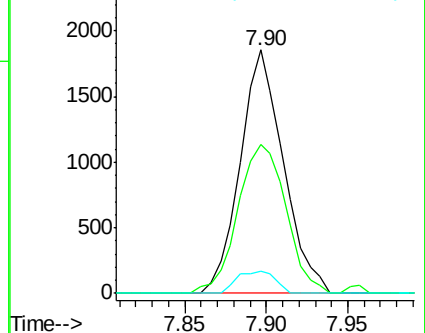
127 8.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.002 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

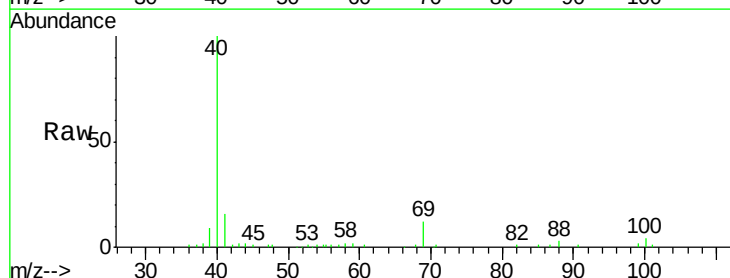
Tgt Ion: 41 Resp: 3573

Ion Ratio Lower Upper

41 100

69 86.6 60.8 91.2

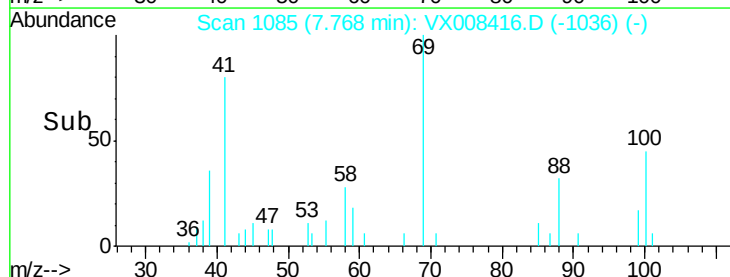
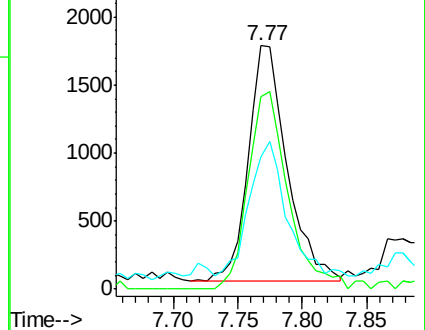
39 56.5 42.3 63.5

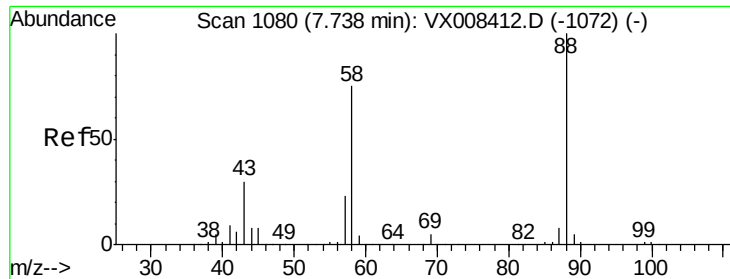


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

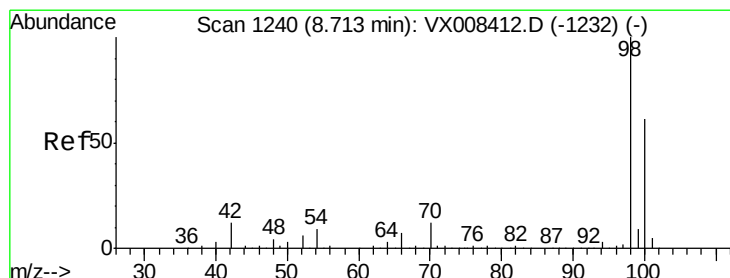
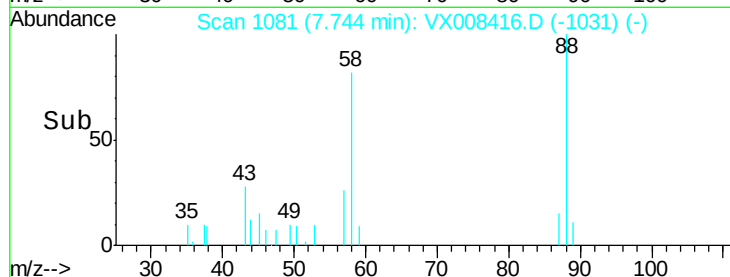
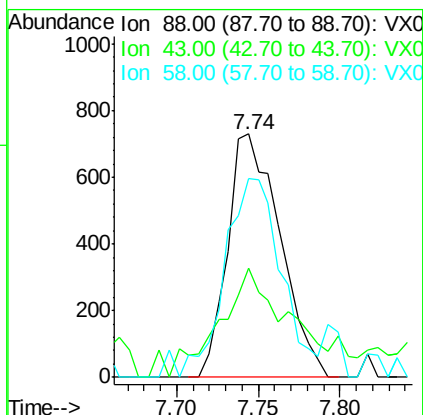
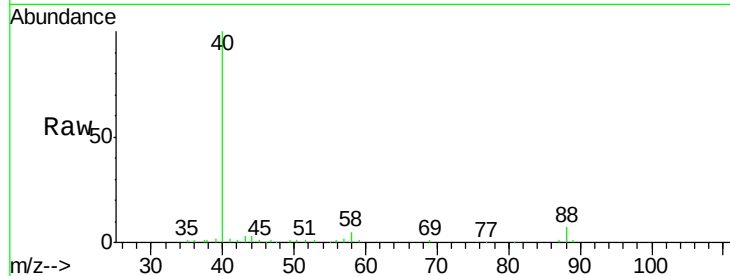




#49
 1,4-Dioxane
 Concen: 22.595 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

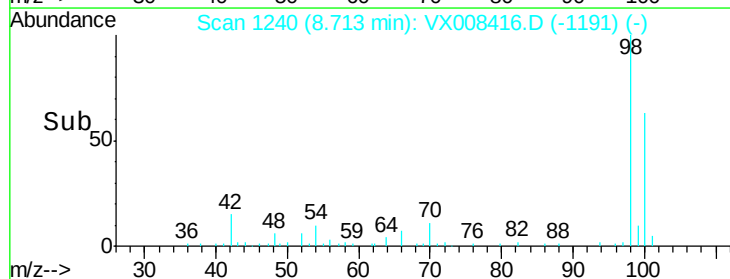
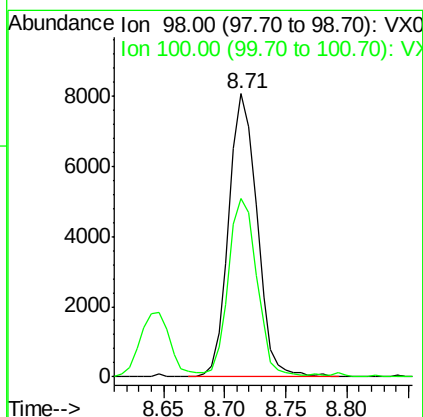
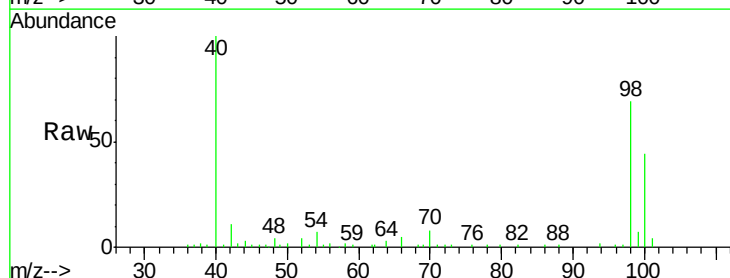
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

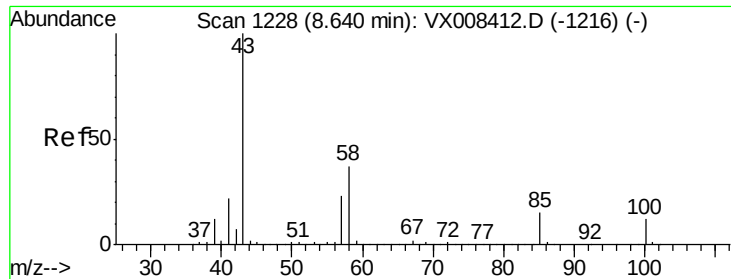
Tgt Ion: 88 Resp: 1626
 Ion Ratio Lower Upper
 88 100
 43 65.7 28.6 43.0#
 58 88.4 63.0 94.4



#50
 Toluene-d8
 Concen: 1.537 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 98 Resp: 12957
 Ion Ratio Lower Upper
 98 100
 100 61.9 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 5.133 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

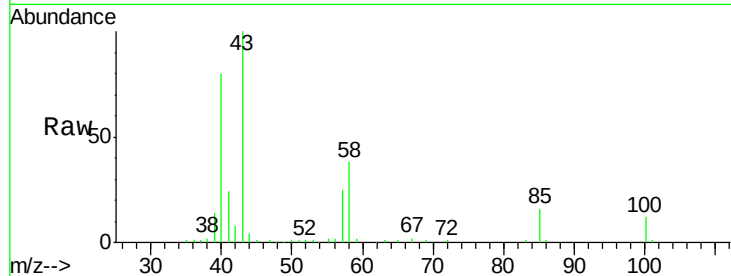
VSTDIC001

Tgt Ion: 43 Resp: 23809

Ion Ratio Lower Upper

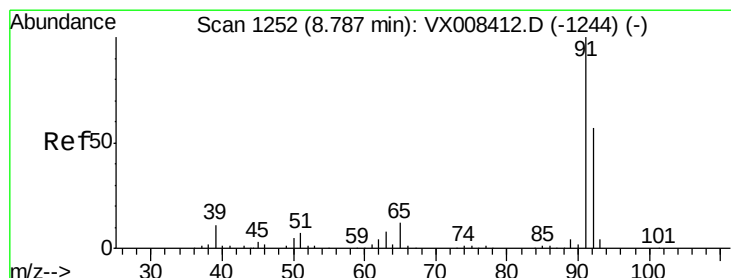
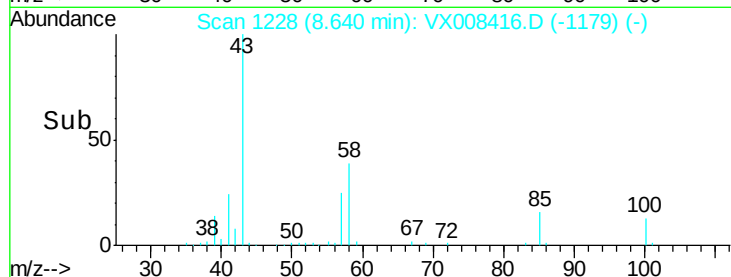
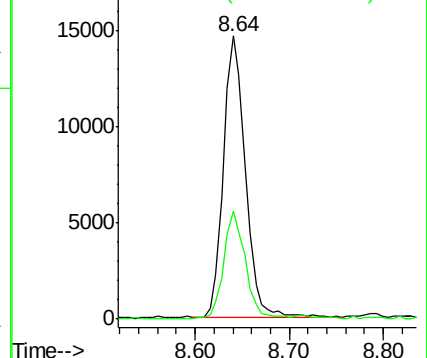
43 100

58 38.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.176 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008416.D

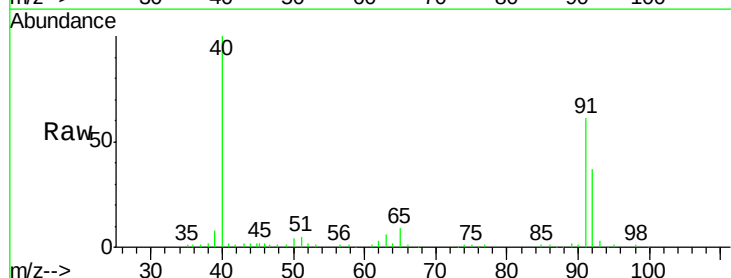
Acq: 25 Mar 2019 16:26

Tgt Ion: 92 Resp: 7051

Ion Ratio Lower Upper

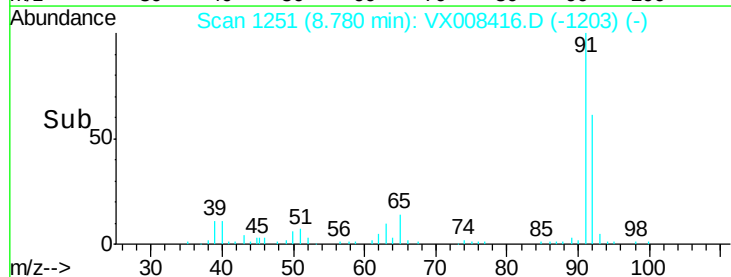
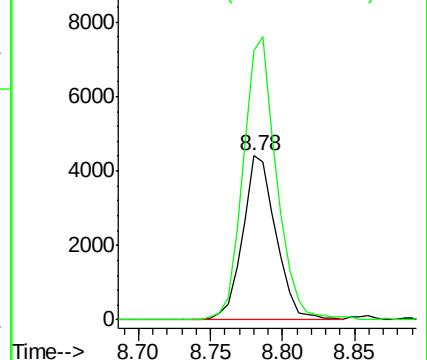
92 100

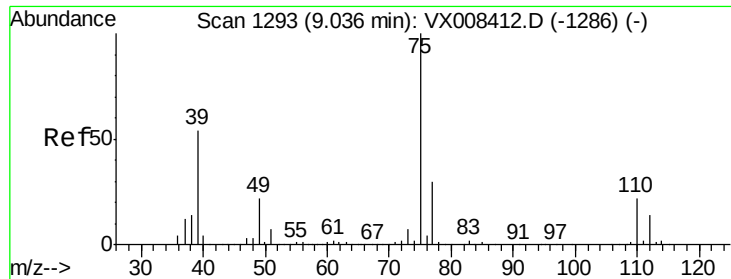
91 172.4 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

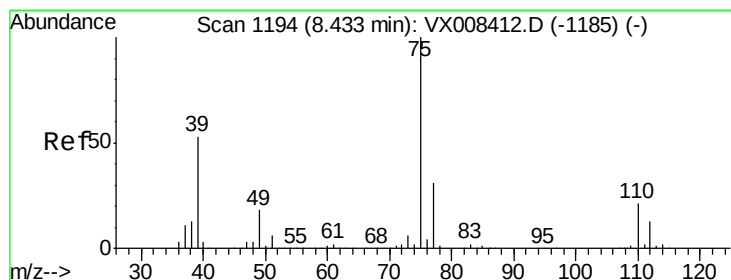
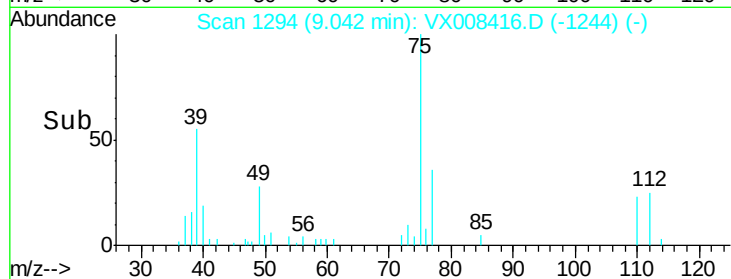
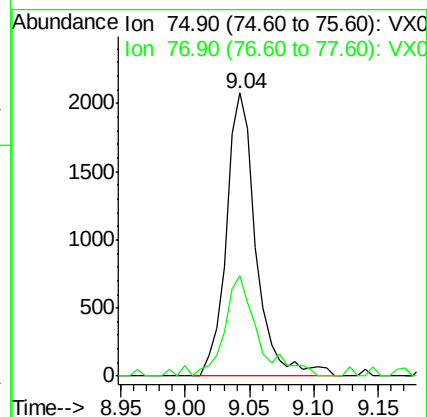
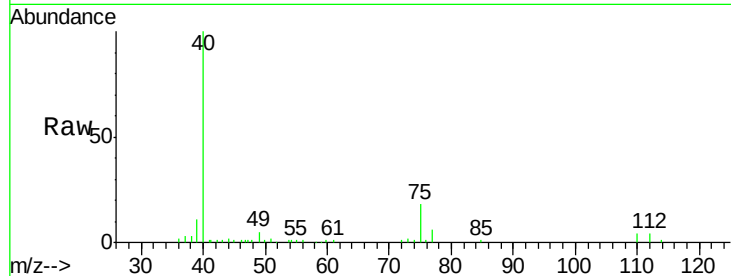




#53
 t-1,3-Dichloropropene
 Concen: 0.956 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

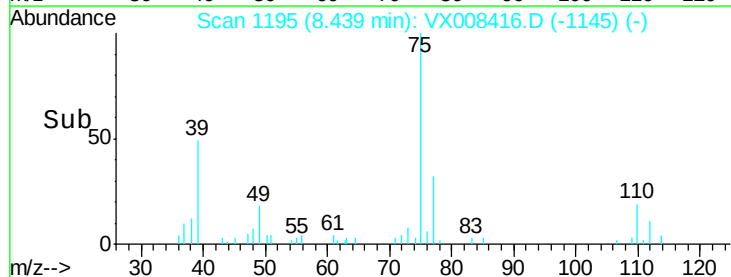
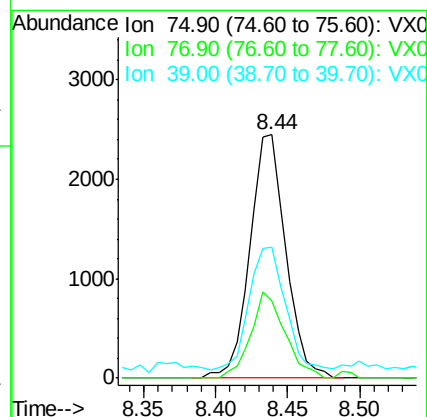
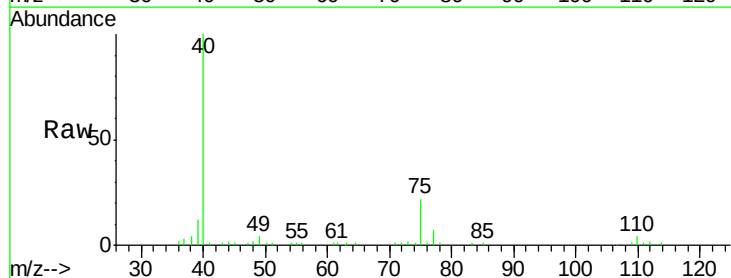
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

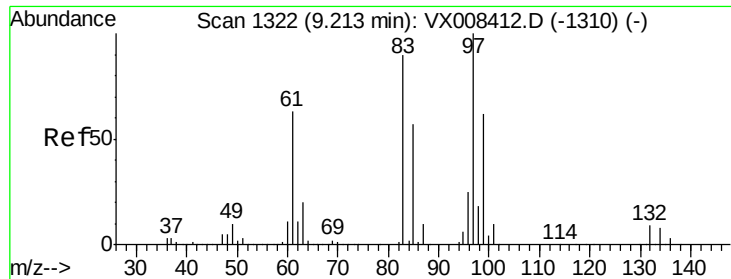
Tgt Ion: 75 Resp: 3365
 Ion Ratio Lower Upper
 75 100
 77 35.7 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 1.056 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 75 Resp: 4202
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.7 37.1
 39 48.8 42.4 63.6

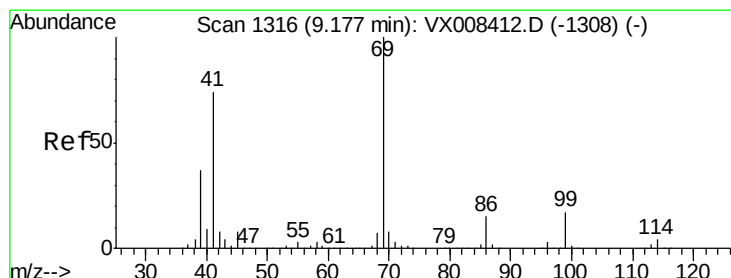
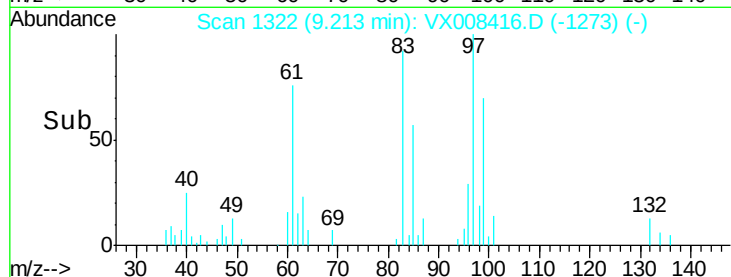
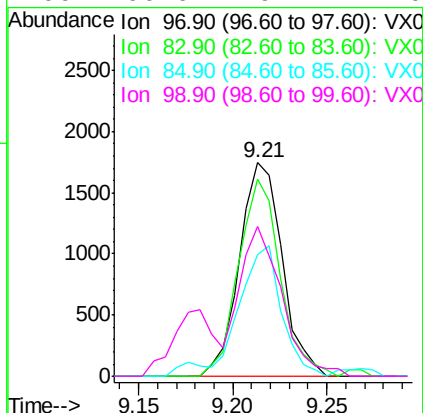
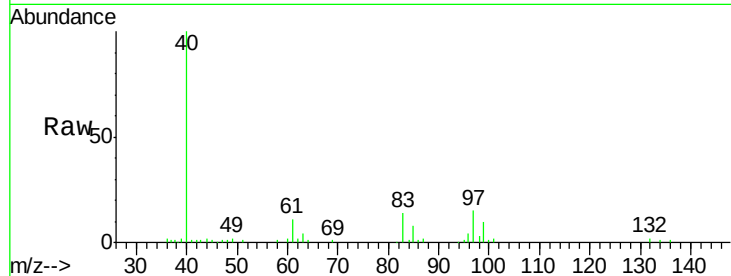




#55
 1,1,2-Trichloroethane
 Concen: 1.104 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

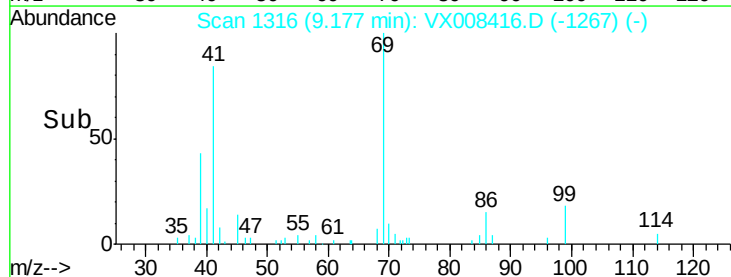
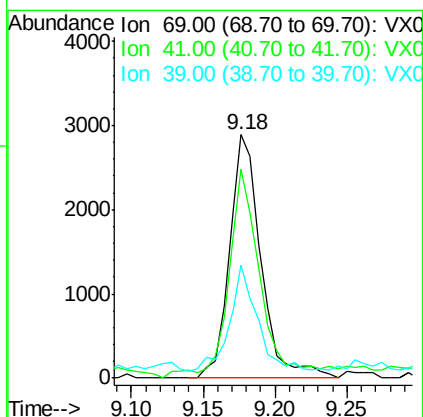
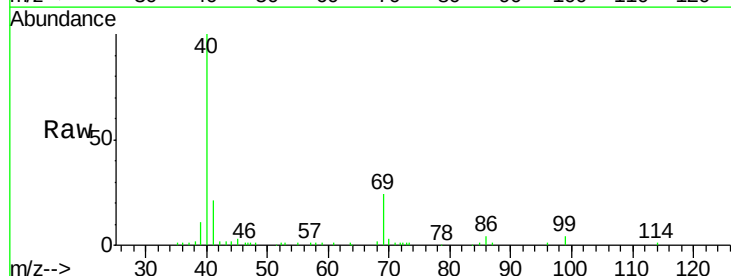
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

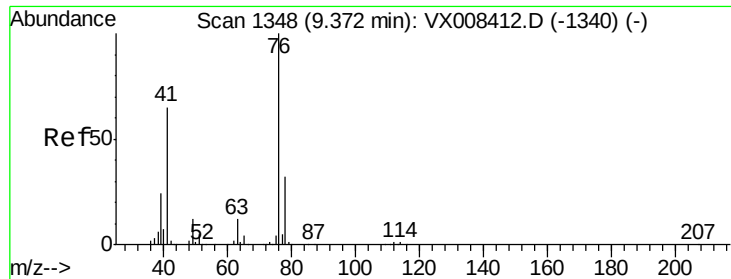
Tgt Ion:	97	Resp:	2750
Ion	Ratio	Lower	Upper
97	100		
83	92.3	71.8	107.6
85	53.7	45.9	68.9
99	66.6	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 1.002 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion:	69	Resp:	4426
Ion	Ratio	Lower	Upper
69	100		
41	87.0	59.5	89.3
39	39.6	29.3	43.9

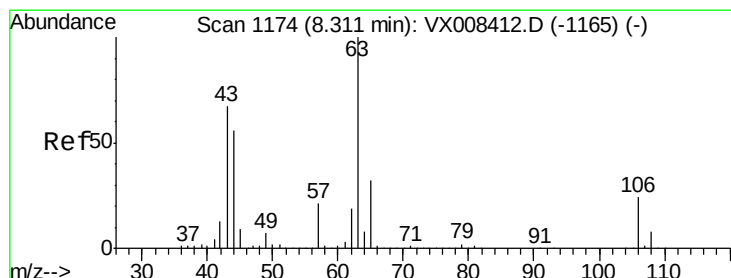
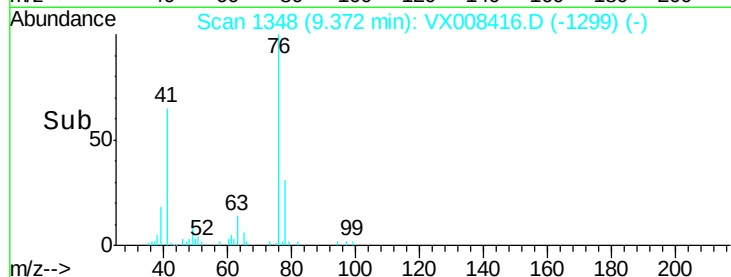
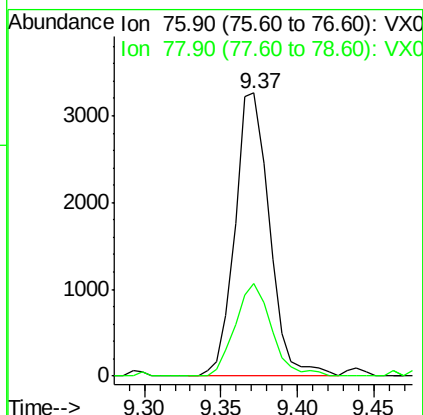
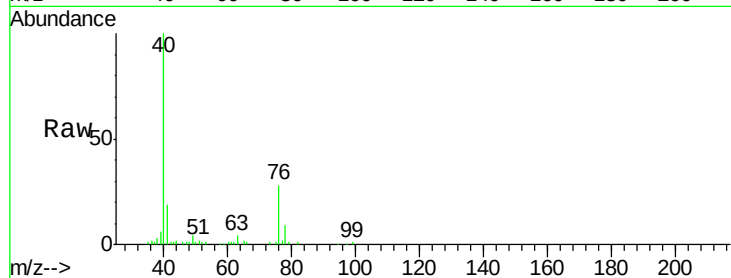




#57
 1,3-Dichloropropane
 Concen: 1.158 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

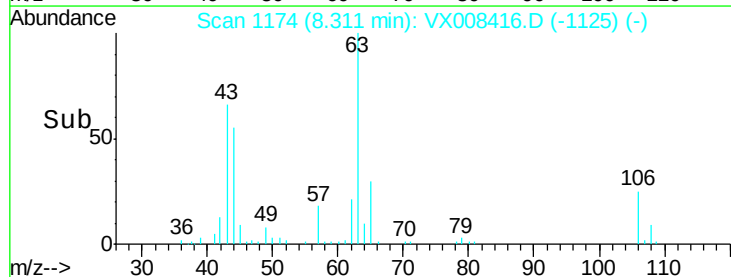
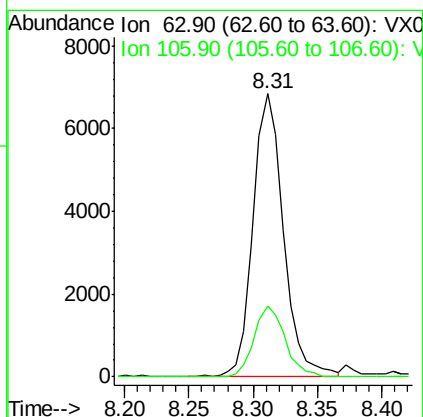
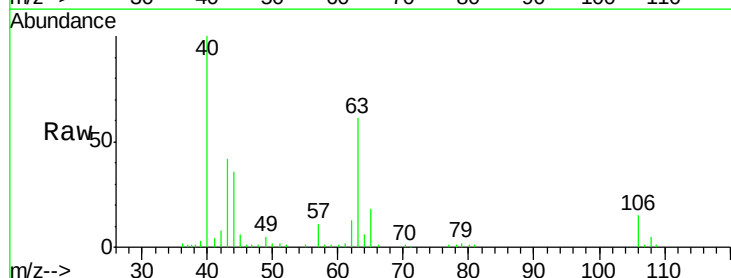
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

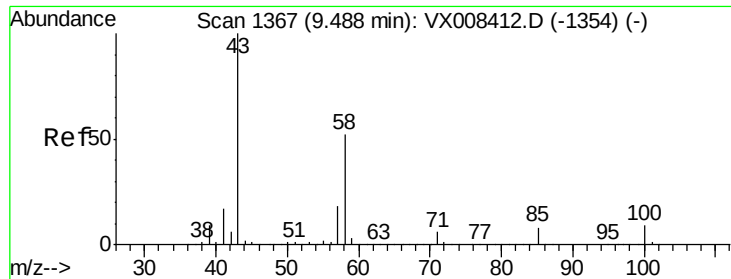
Tgt Ion: 76 Resp: 5130
 Ion Ratio Lower Upper
 76 100
 78 34.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.729 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 63 Resp: 11156
 Ion Ratio Lower Upper
 63 100
 106 25.3 19.0 28.6

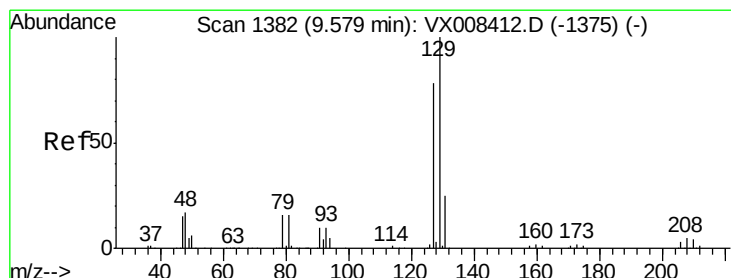
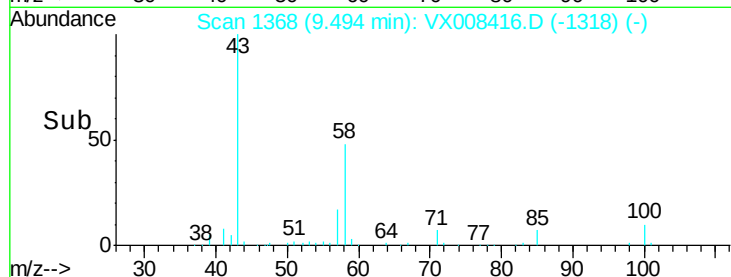
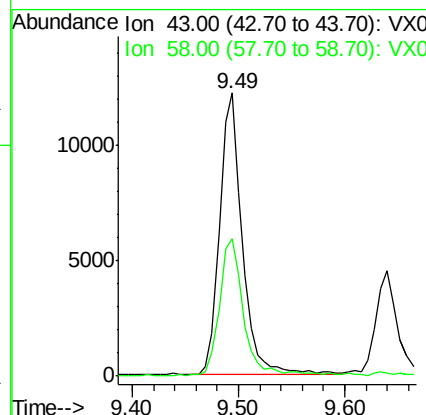
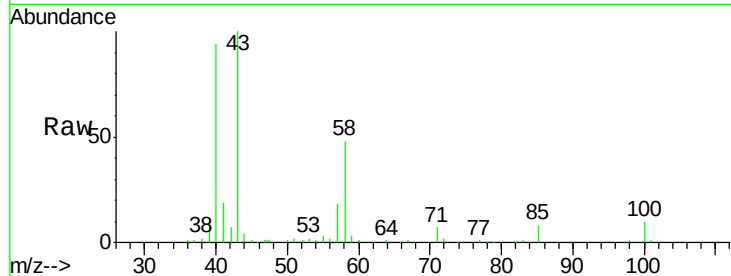




#59
2-Hexanone
Concen: 5.020 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

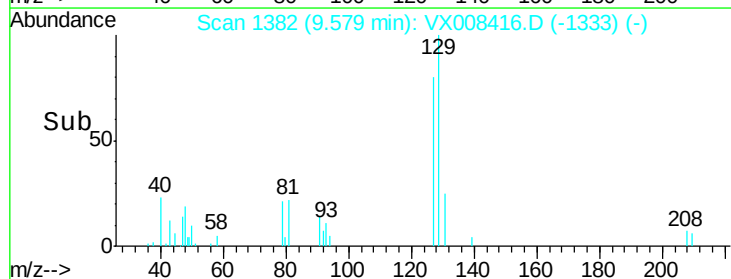
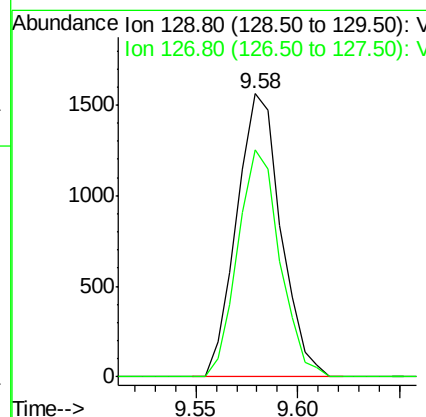
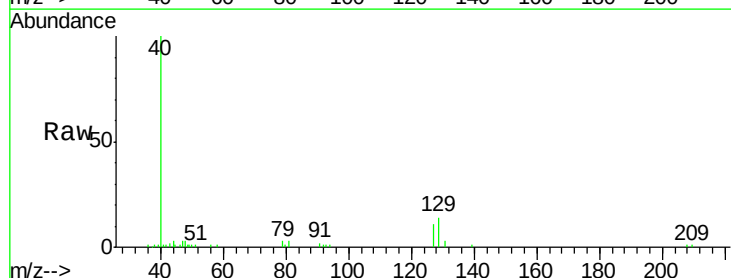
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

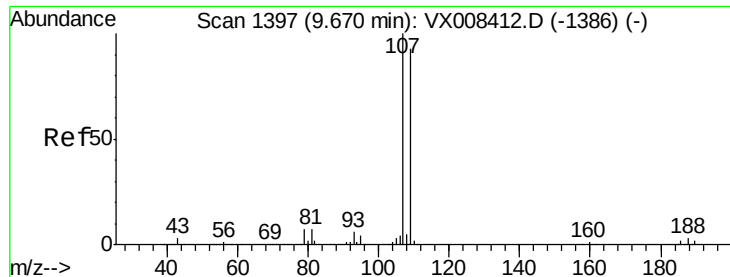
Tgt Ion: 43 Resp: 17967
Ion Ratio Lower Upper
43 100
58 53.1 26.3 78.9



#60
Dibromochloromethane
Concen: 1.015 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion: 129 Resp: 2348
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 1.080 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

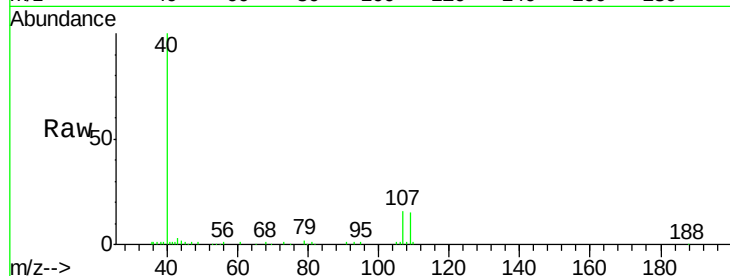
VSTDIC001

Tgt Ion: 107 Resp: 2727

Ion Ratio Lower Upper

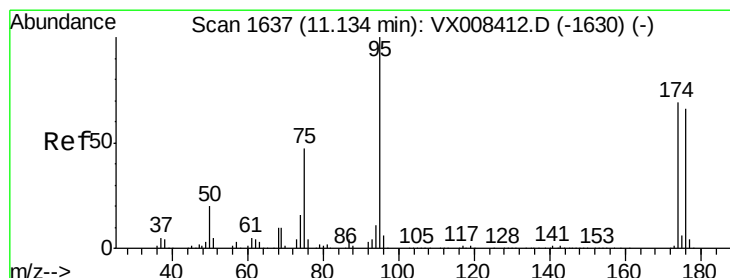
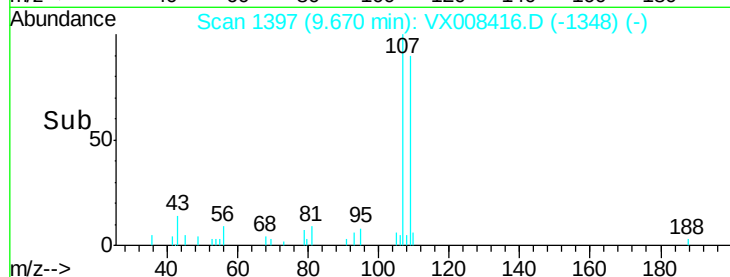
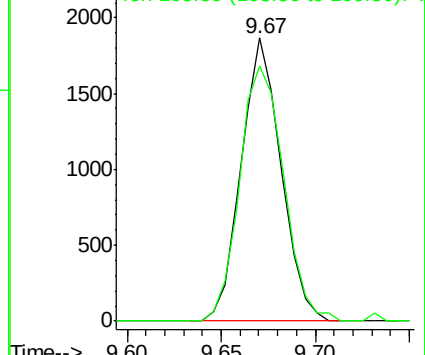
107 100

109 99.9 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.530 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

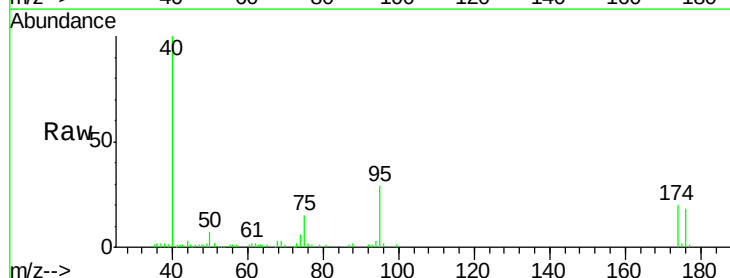
Tgt Ion: 95 Resp: 4766

Ion Ratio Lower Upper

95 100

174 69.7 0.0 147.2

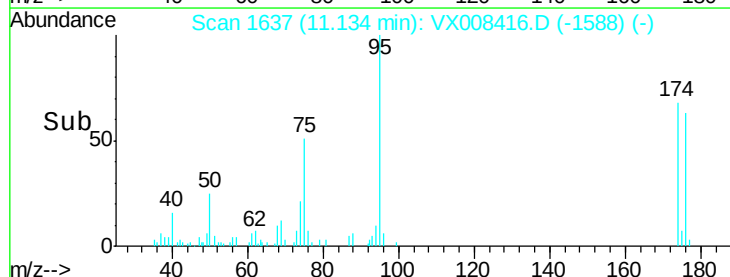
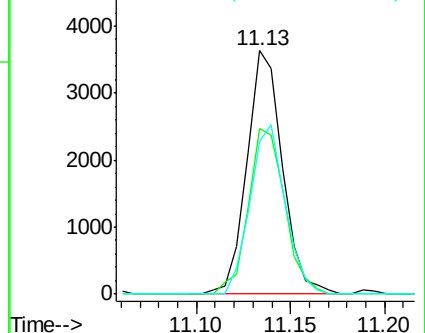
176 68.5 0.0 142.4

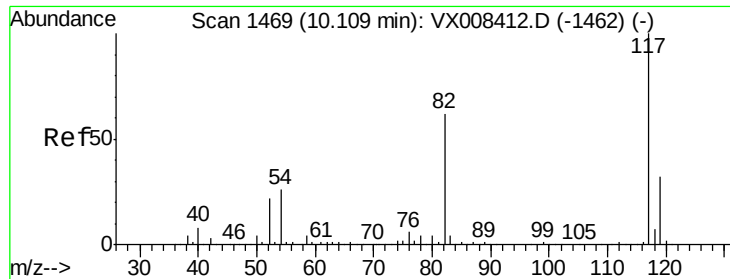


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

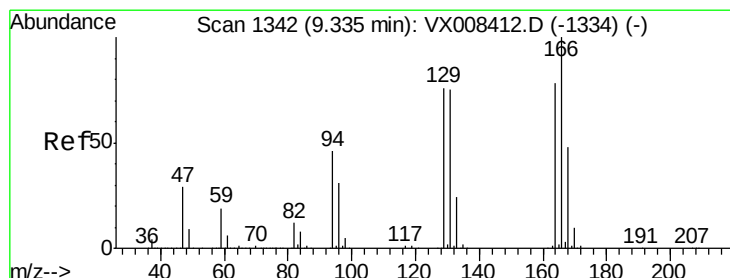
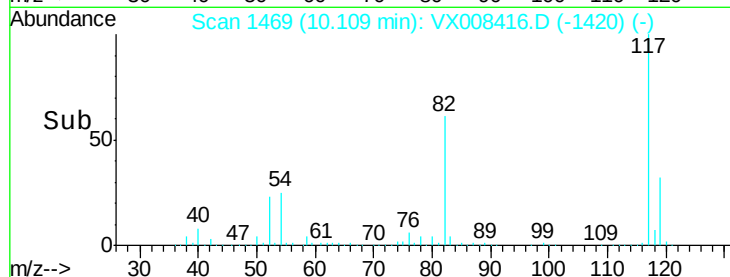
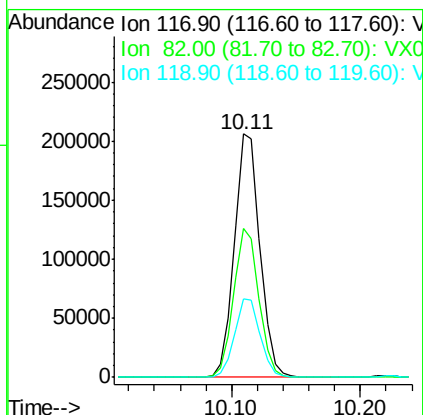
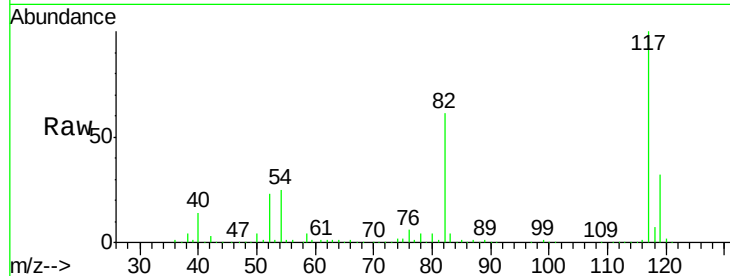




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

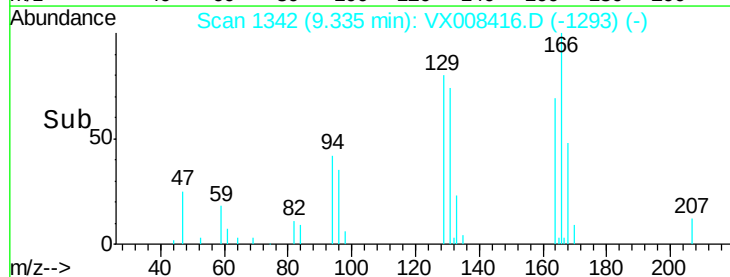
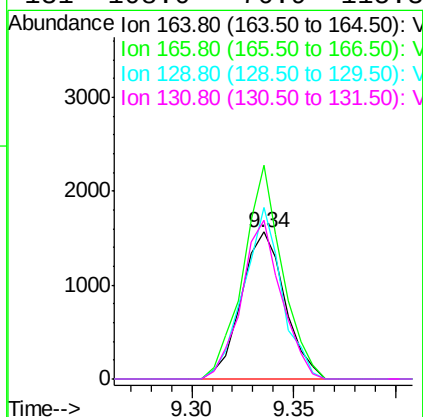
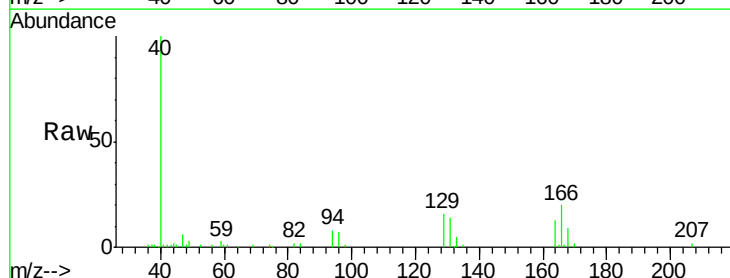
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

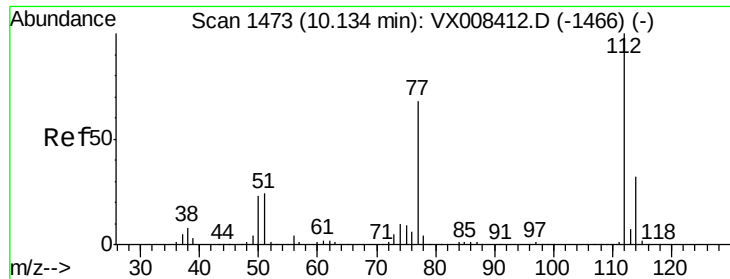
Tgt Ion:117 Resp: 285389
Ion Ratio Lower Upper
117 100
82 61.3 49.4 74.2
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 1.250 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion:164 Resp: 2335
Ion Ratio Lower Upper
164 100
166 145.6 102.5 153.7
129 116.8 77.8 116.8#
131 108.0 76.9 115.3





#65

Chlorobenzene

Concen: 1.172 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampled :

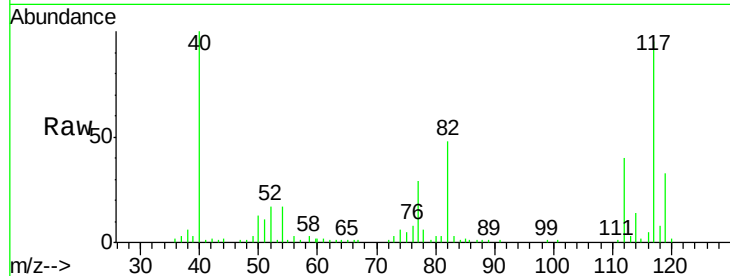
VSTDIC001

Tgt Ion:112 Resp: 7033

Ion Ratio Lower Upper

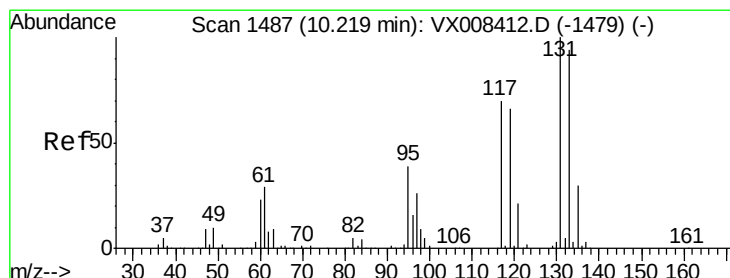
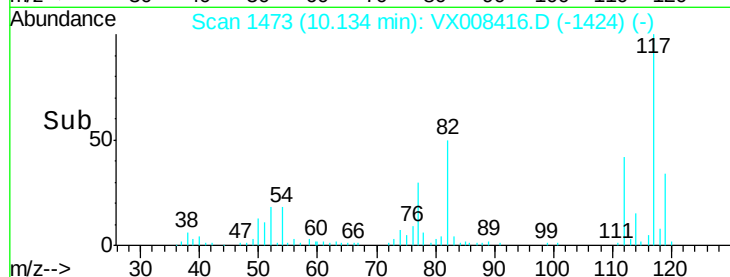
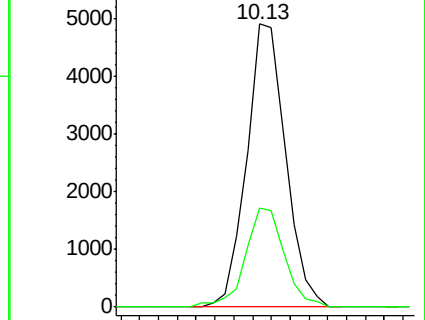
112 100

114 34.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.027 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

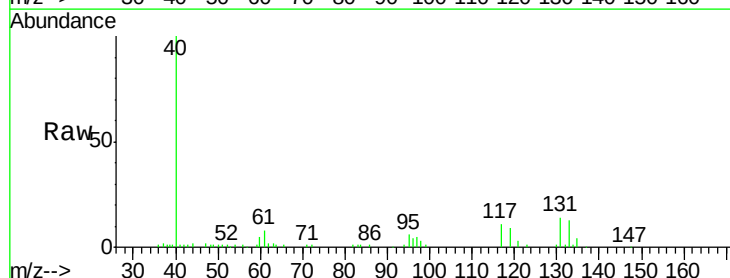
Tgt Ion:131 Resp: 2139

Ion Ratio Lower Upper

131 100

133 106.4 47.3 141.8

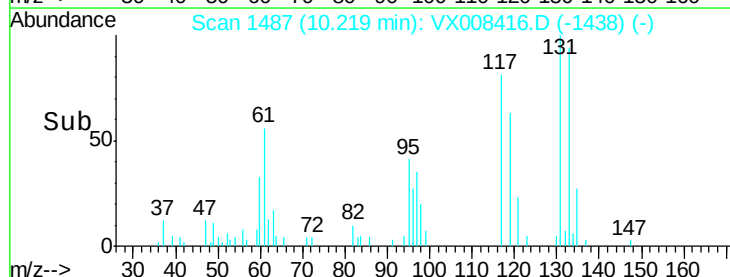
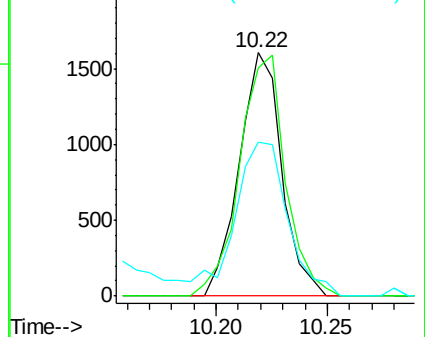
119 0.0 33.6 100.6#

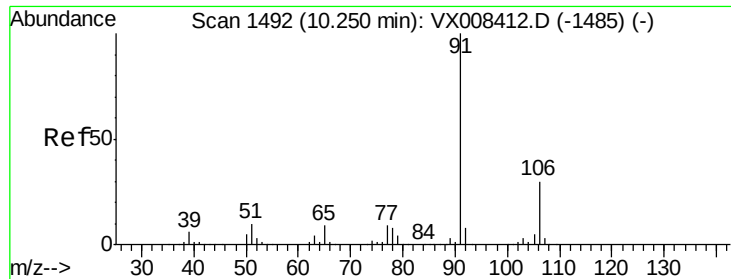


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.160 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

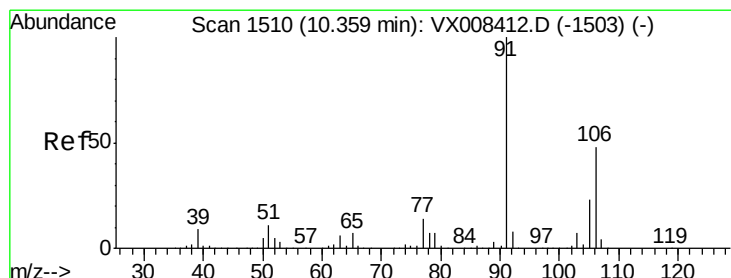
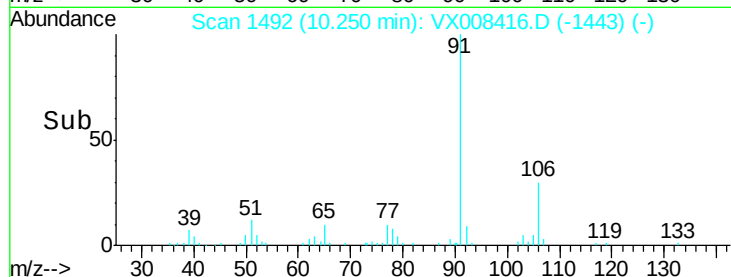
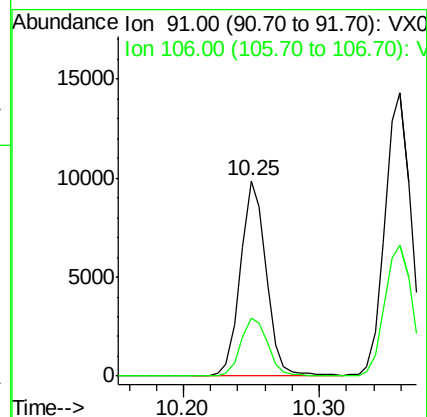
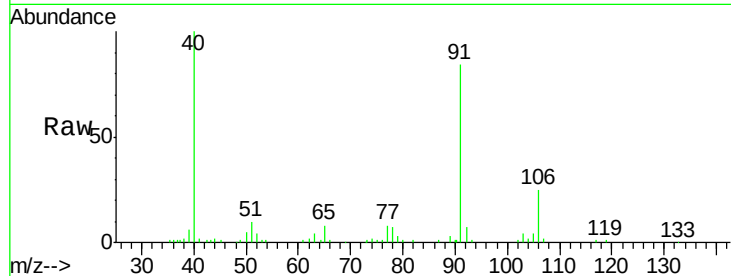
VSTDIC001

Tgt Ion: 91 Resp: 13060

Ion Ratio Lower Upper

91 100

106 30.0 24.0 36.0



#68

m/p-Xylenes

Concen: 2.330 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008416.D

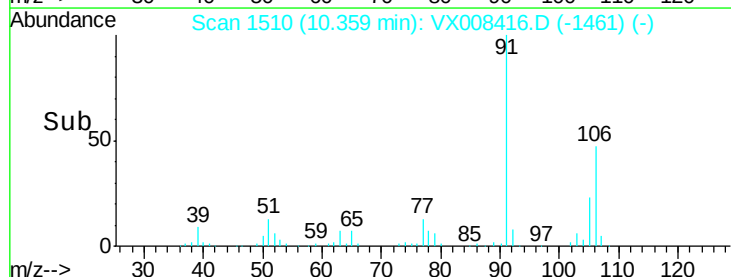
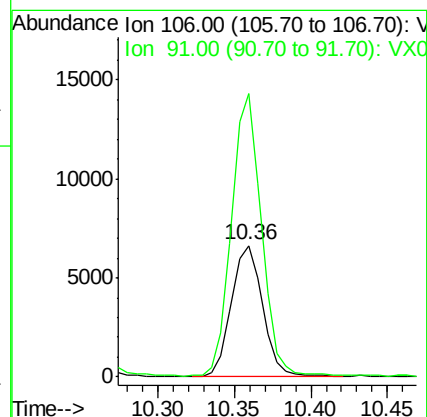
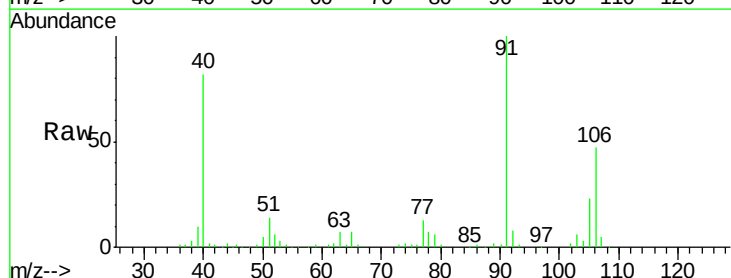
Acq: 25 Mar 2019 16:26

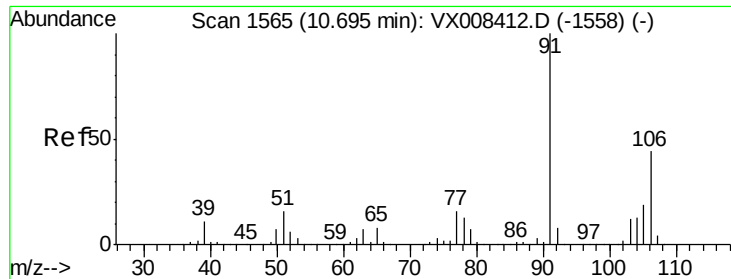
Tgt Ion: 106 Resp: 9426

Ion Ratio Lower Upper

106 100

91 207.5 168.6 253.0

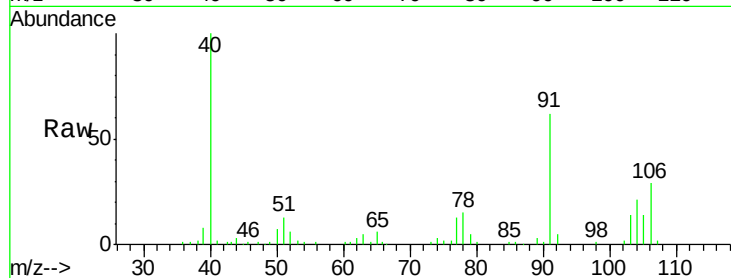




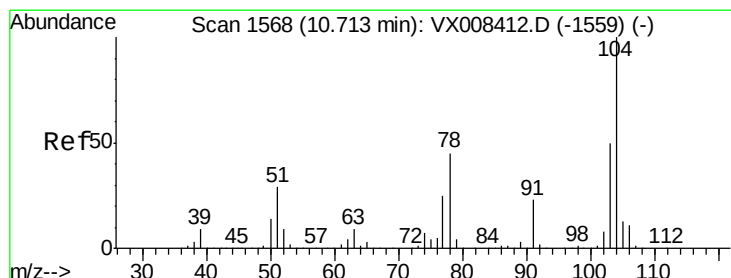
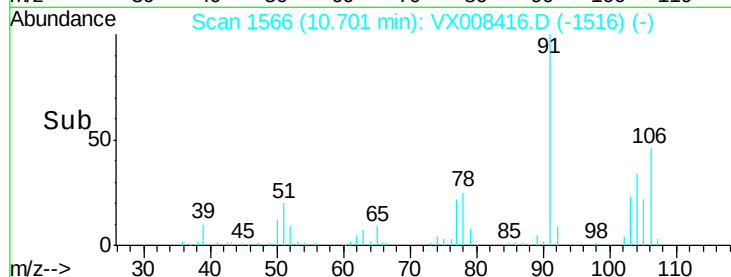
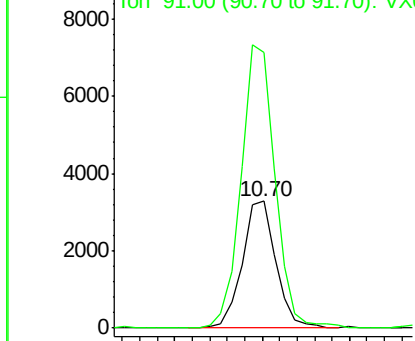
#69
o-Xylene
Concen: 1.112 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 4401
Ion Ratio Lower Upper
106 100
91 224.9 111.4 334.2

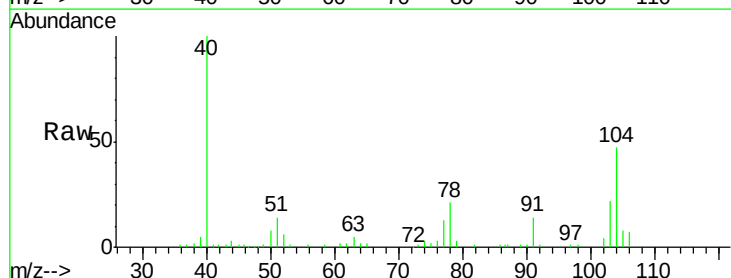


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

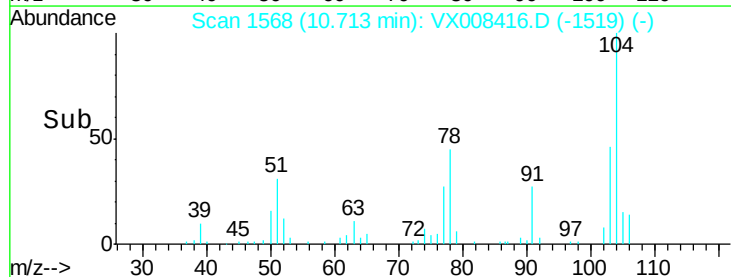
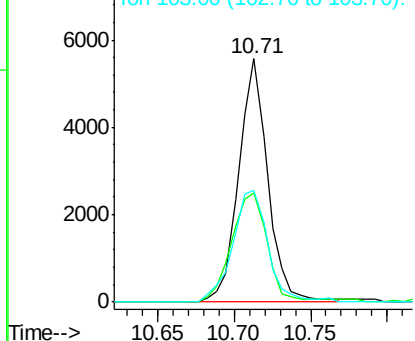


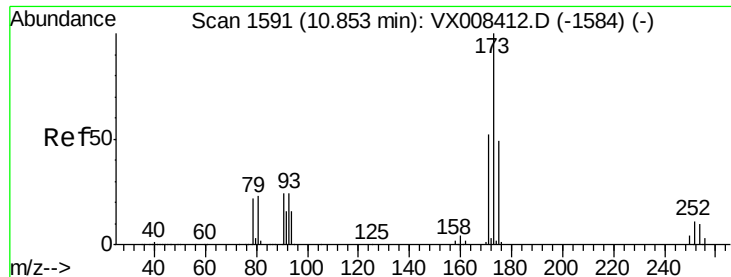
#70
Styrene
Concen: 1.076 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion:104 Resp: 7383
Ion Ratio Lower Upper
104 100
78 54.7 42.5 63.7
103 55.5 44.2 66.4



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: 0.974 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

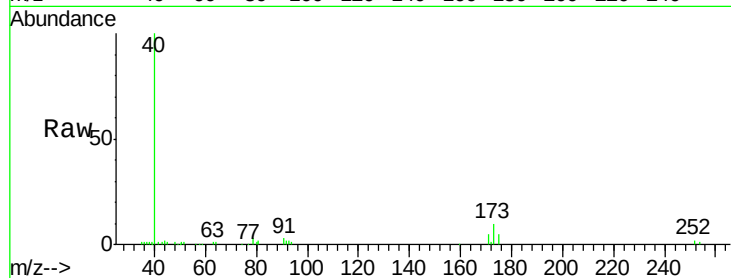
Tgt Ion:173 Resp: 1572

Ion Ratio Lower Upper

173 100

175 50.7 24.3 72.8

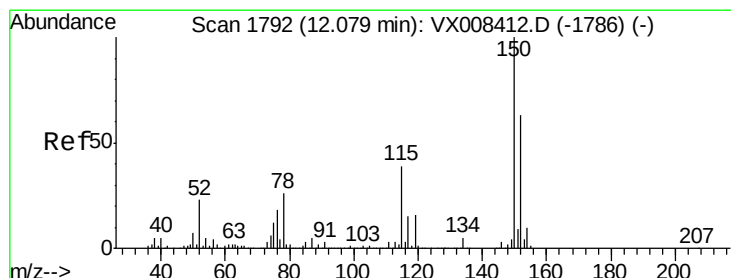
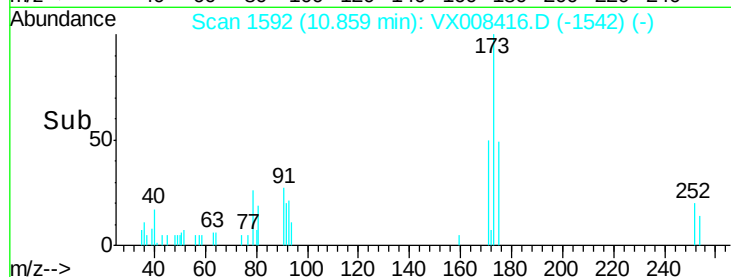
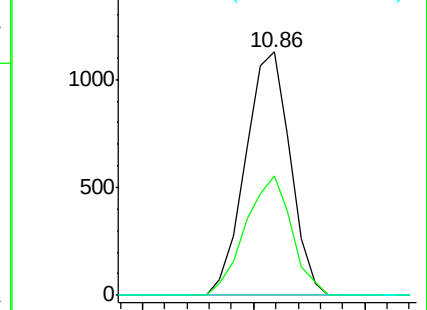
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

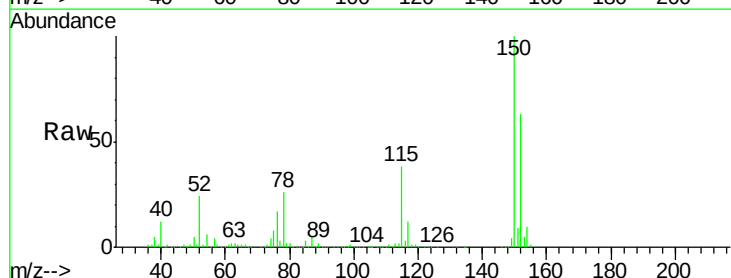
Tgt Ion:152 Resp: 125493

Ion Ratio Lower Upper

152 100

115 61.5 43.5 130.5

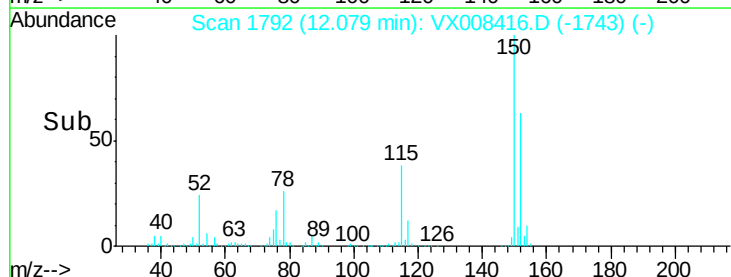
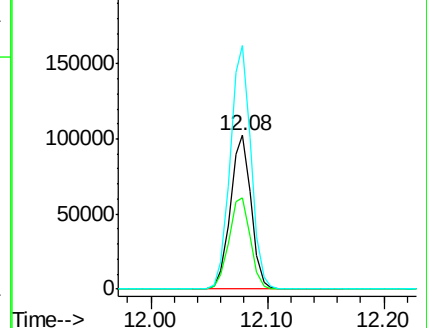
150 158.6 0.0 348.8

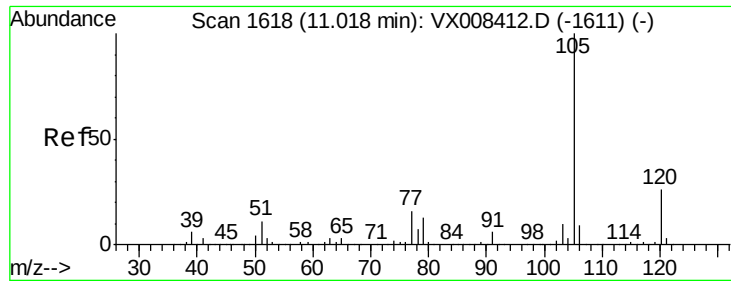


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.154 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

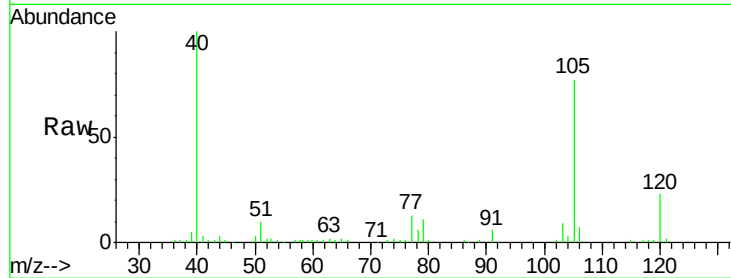
VSTDIC001

Tgt Ion: 105 Resp: 11434

Ion Ratio Lower Upper

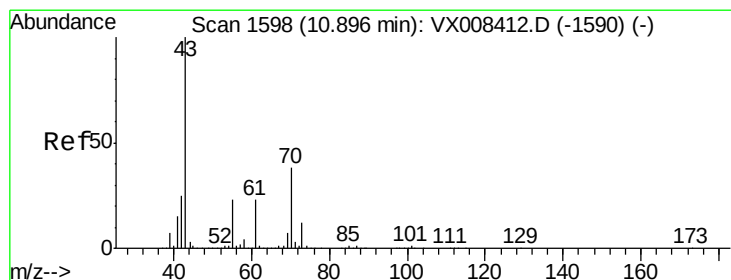
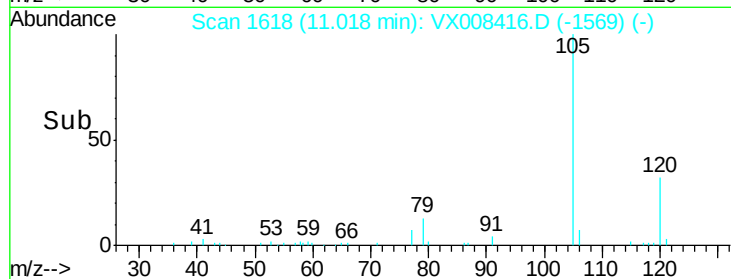
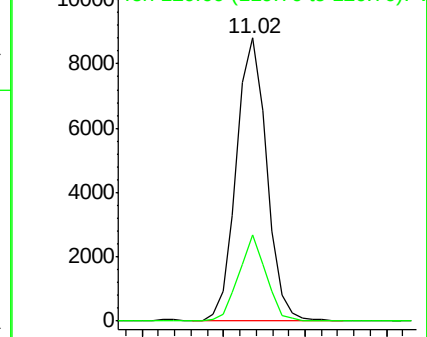
105 100

120 27.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.010 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Tgt Ion: 43 Resp: 5859

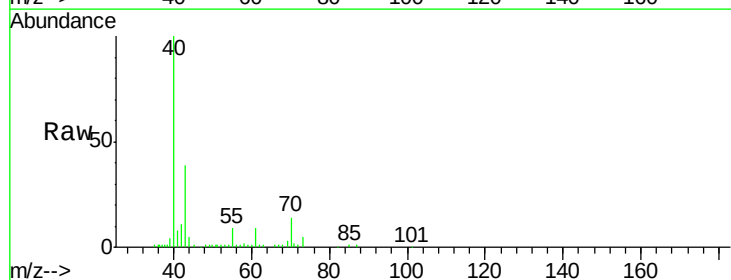
Ion Ratio Lower Upper

43 100

70 38.5 30.5 45.7

55 28.9 18.2 27.2#

61 23.0 18.4 27.6

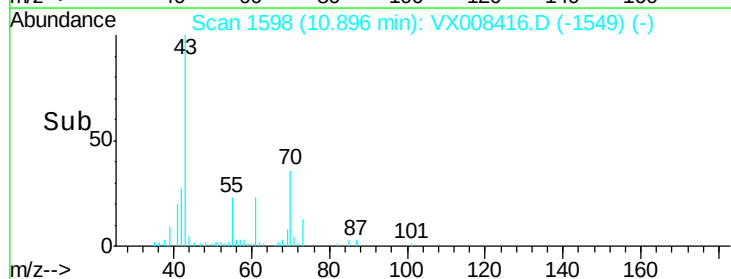
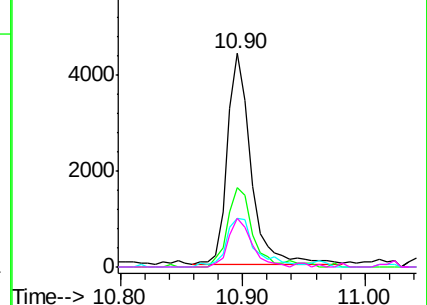


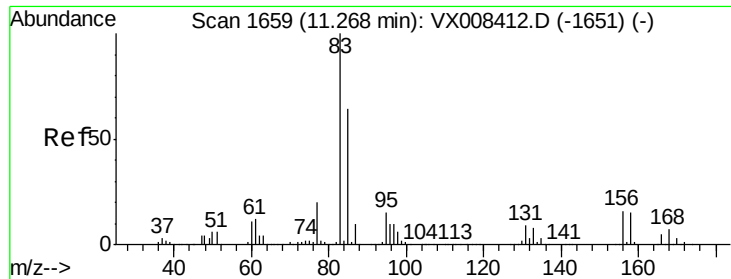
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

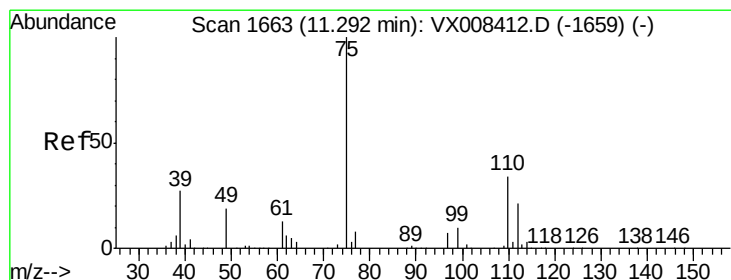
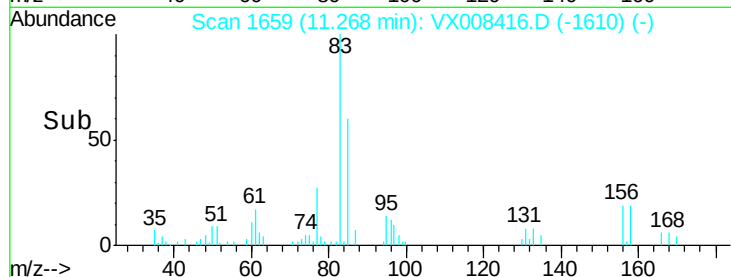
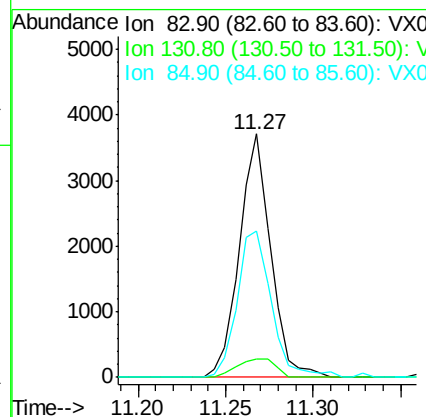
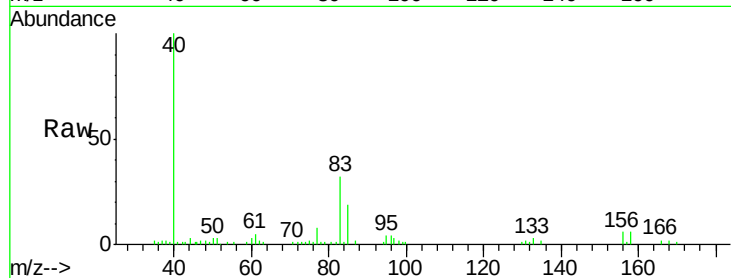




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.173 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

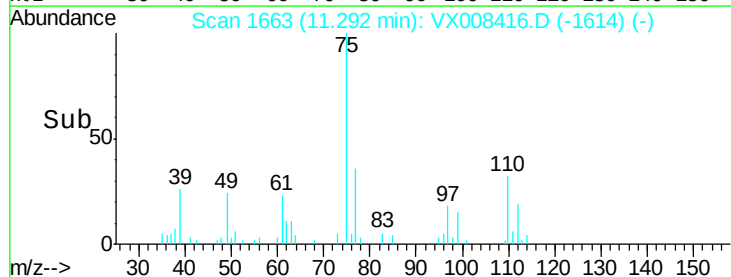
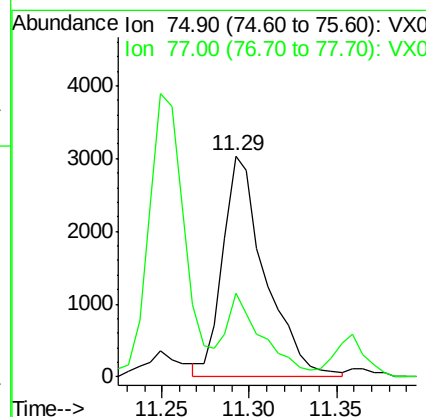
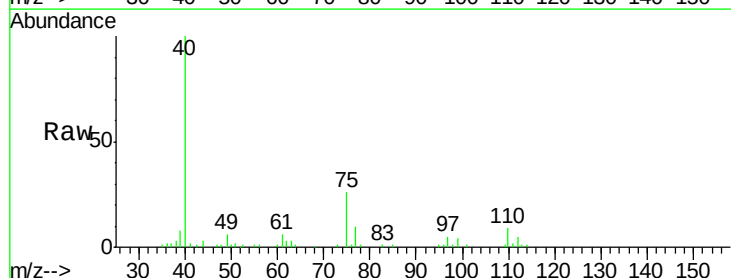
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

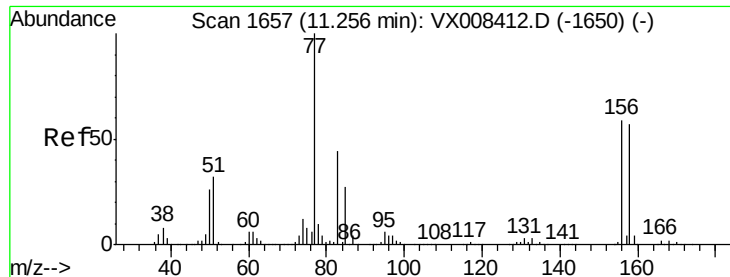
Tgt Ion: 83 Resp: 4619
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.5 13.4
 85 65.8 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 1.560 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 75 Resp: 5126
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.9 65.7





#77

Bromobenzene

Concen: 1.274 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

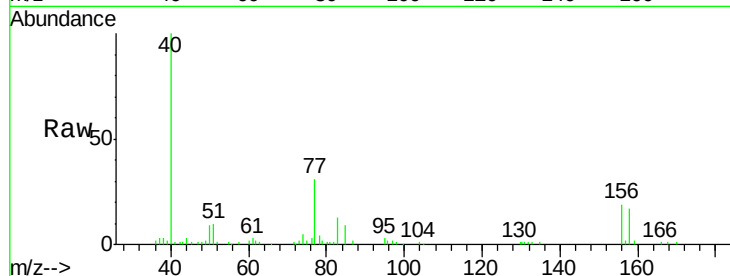
Tgt Ion:156 Resp: 2996

Ion Ratio Lower Upper

156 100

77 185.6 91.1 273.3

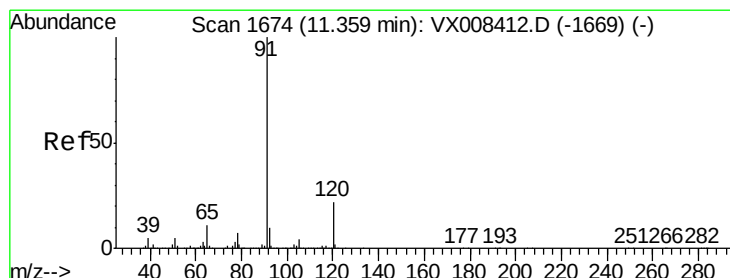
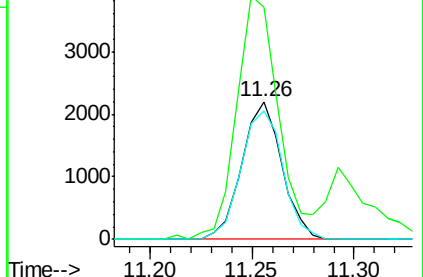
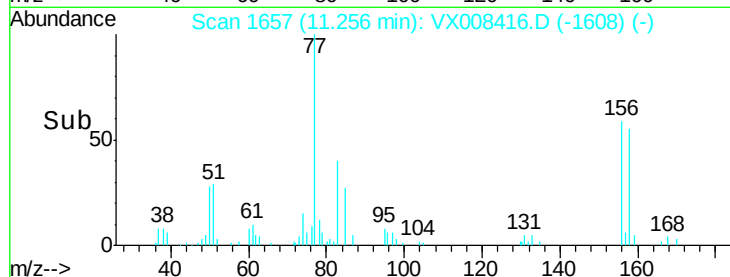
158 97.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.131 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008416.D

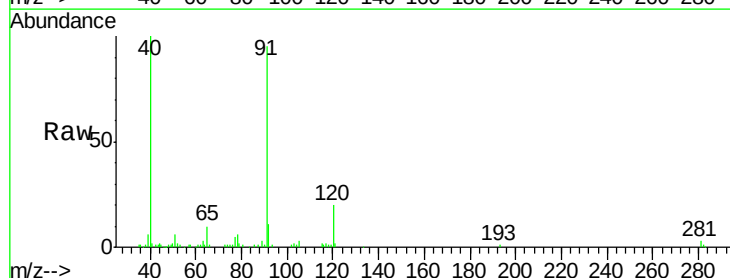
Acq: 25 Mar 2019 16:26

Tgt Ion: 91 Resp: 13125

Ion Ratio Lower Upper

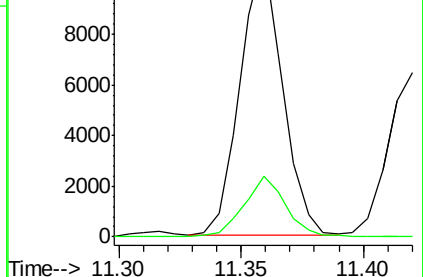
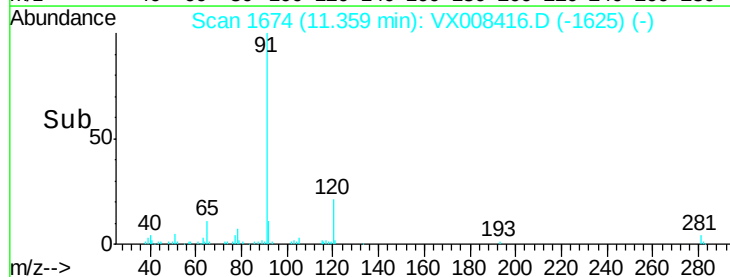
91 100

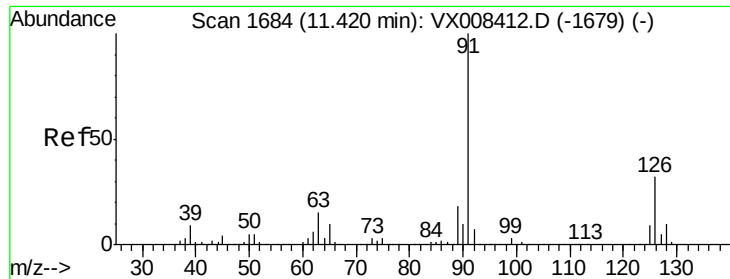
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.202 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampled :

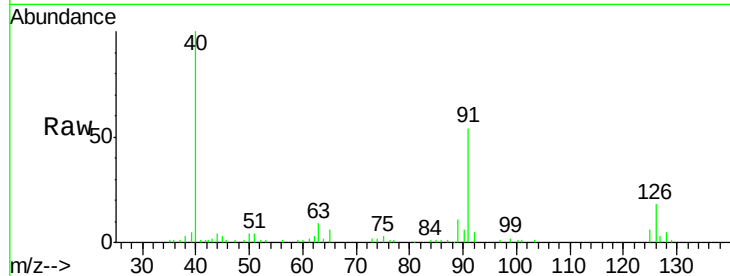
VSTDIC001

Tgt Ion: 91 Resp: 8522

Ion Ratio Lower Upper

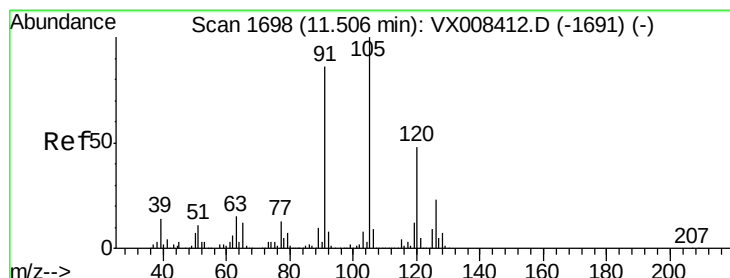
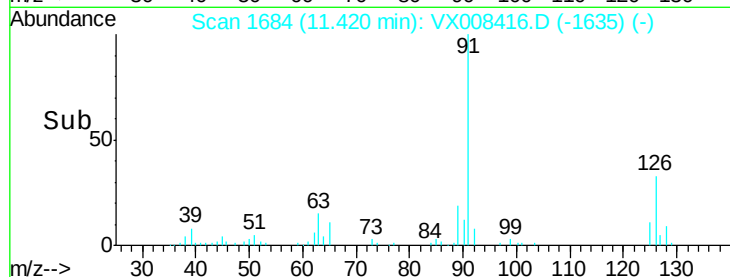
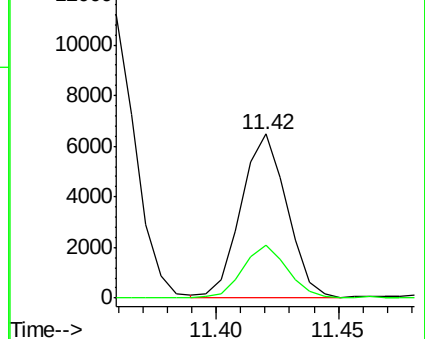
91 100

126 31.2 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX008416.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX008416.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.108 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008416.D

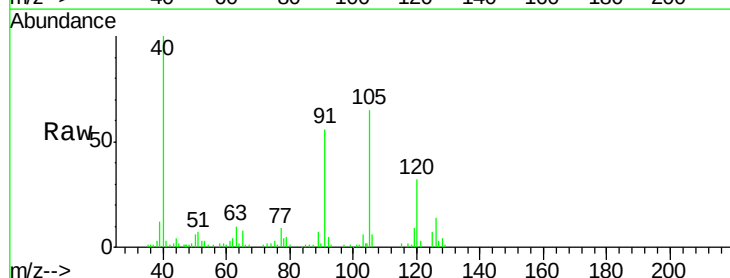
Acq: 25 Mar 2019 16:26

Tgt Ion: 105 Resp: 9343

Ion Ratio Lower Upper

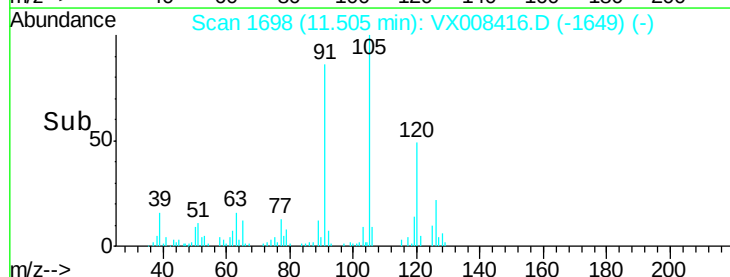
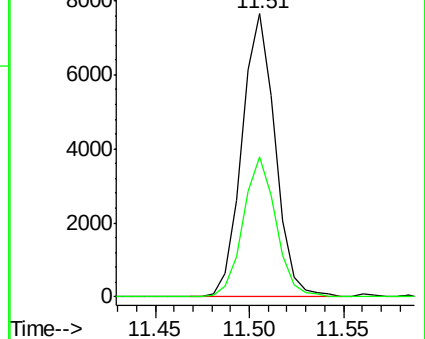
105 100

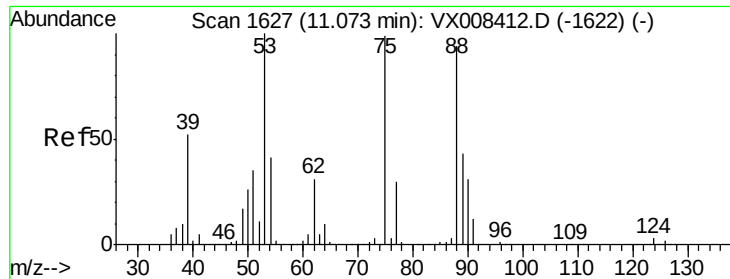
120 48.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008416.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX008416.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.916 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

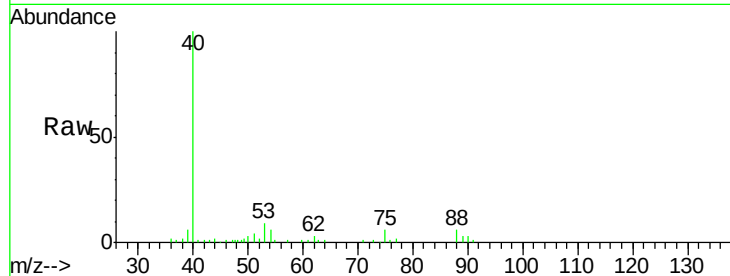
Tgt Ion: 75 Resp: 1053

Ion Ratio Lower Upper

75 100

53 146.1 82.1 123.1#

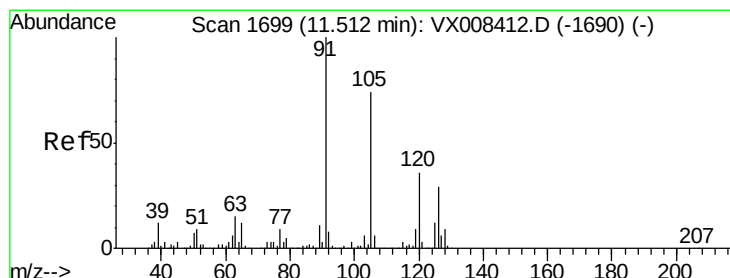
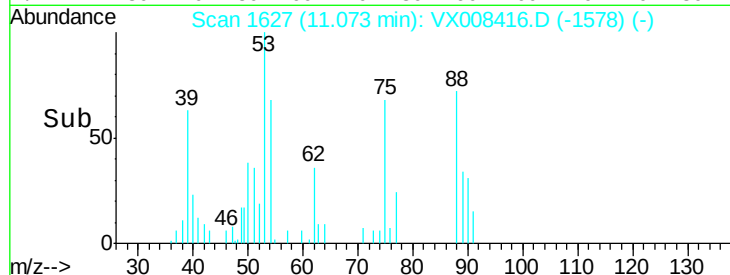
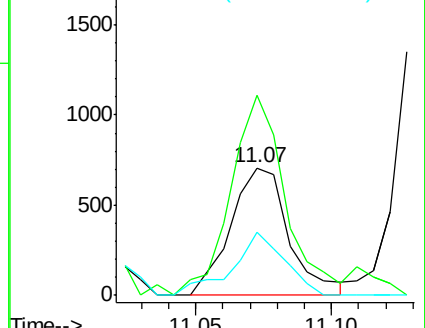
89 44.0 34.6 52.0



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: 1.186 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008416.D

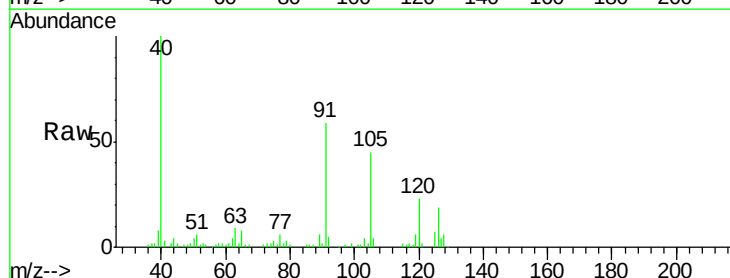
Acq: 25 Mar 2019 16:26

Tgt Ion: 91 Resp: 9667

Ion Ratio Lower Upper

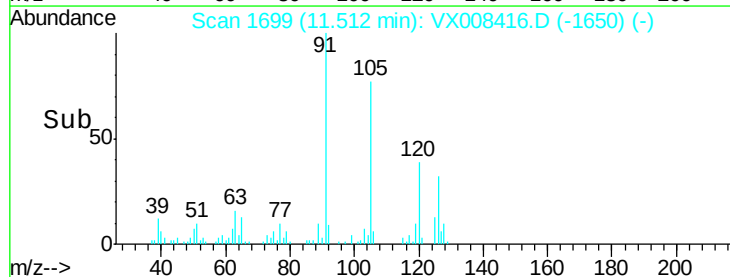
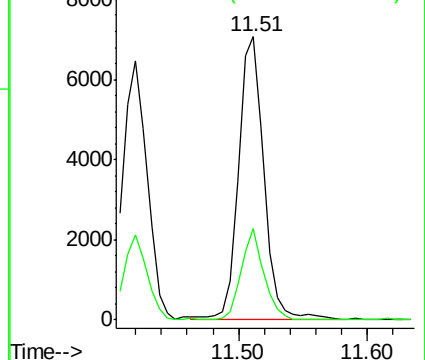
91 100

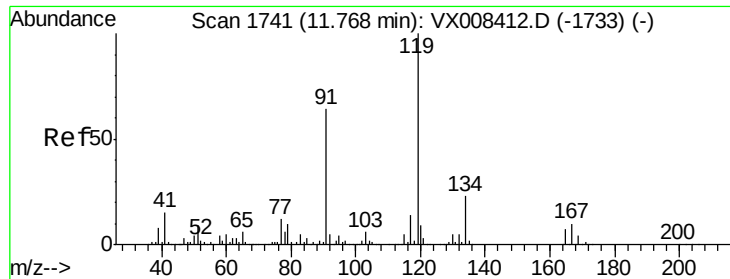
126 28.8 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

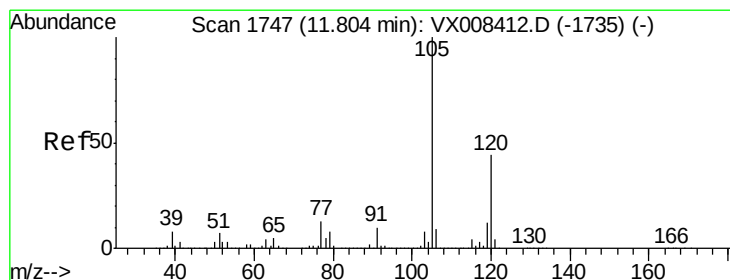
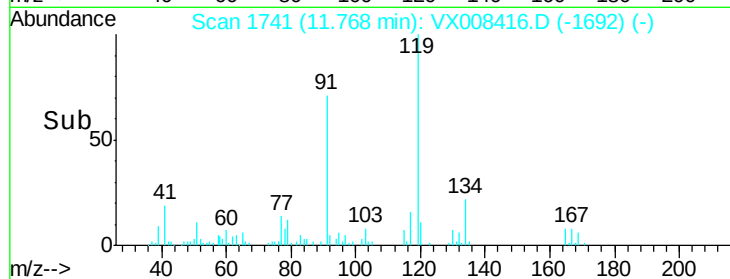
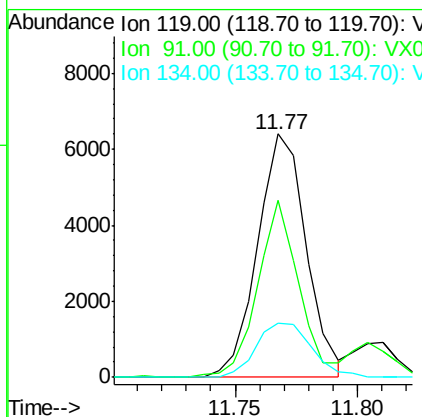
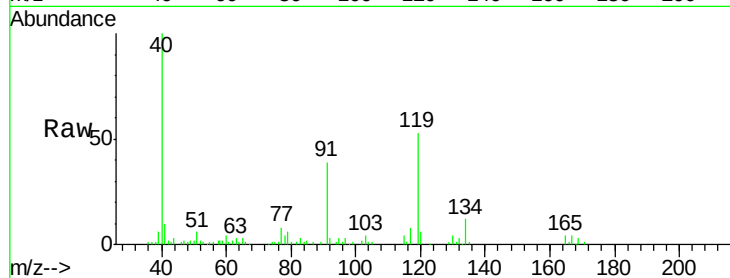




#83
 tert-Butylbenzene
 Concen: 1.105 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

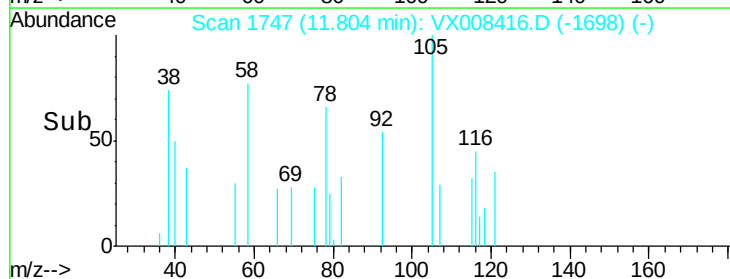
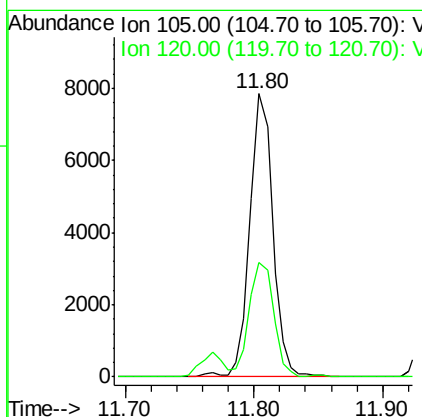
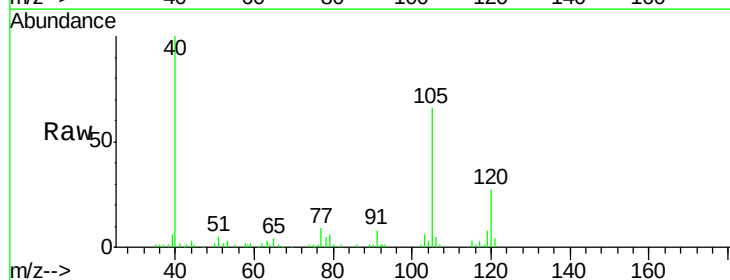
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

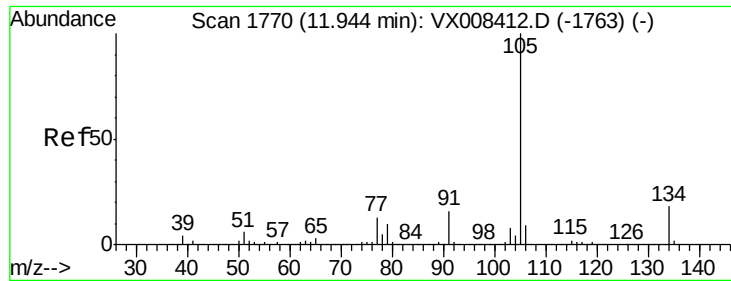
Tgt Ion:119 Resp: 8851
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.1 90.3
 134 25.3 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 1.149 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion:105 Resp: 9674
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.6 65.0





#85

sec-Butylbenzene

Concen: 1.121 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

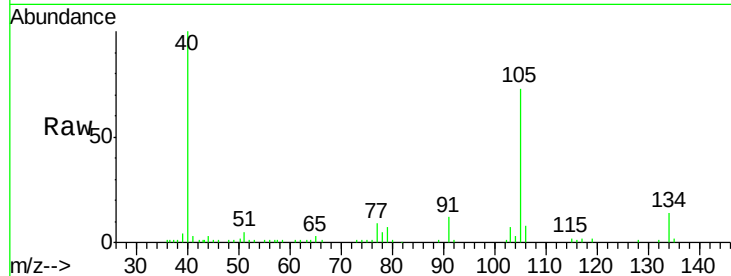
VSTDIC001

Tgt Ion:105 Resp: 10796

Ion Ratio Lower Upper

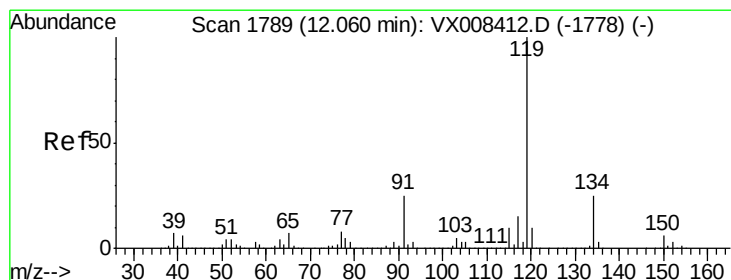
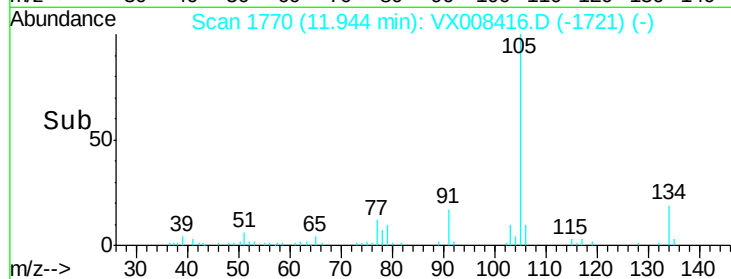
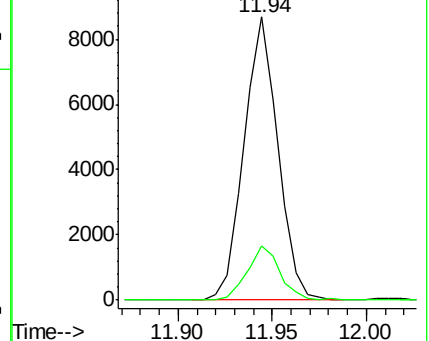
105 100

134 18.7 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.070 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

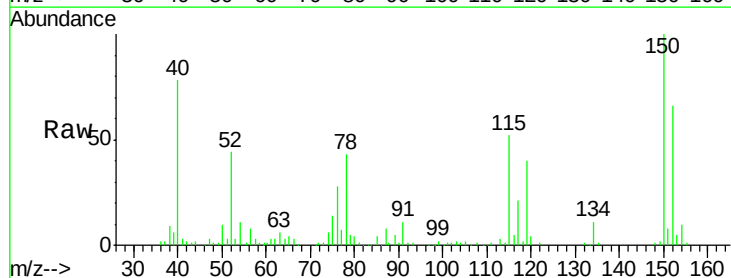
Tgt Ion:119 Resp: 9081

Ion Ratio Lower Upper

119 100

134 27.5 12.8 38.4

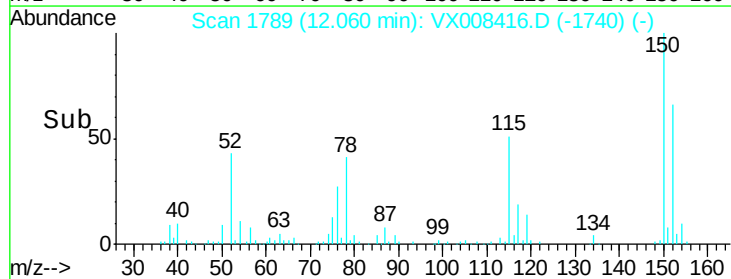
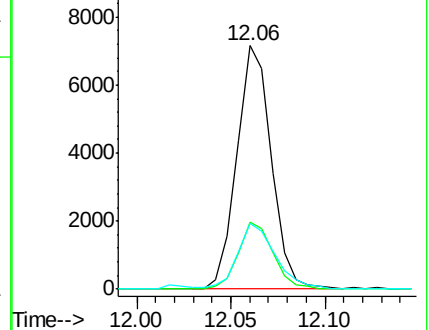
91 29.6 12.4 37.0

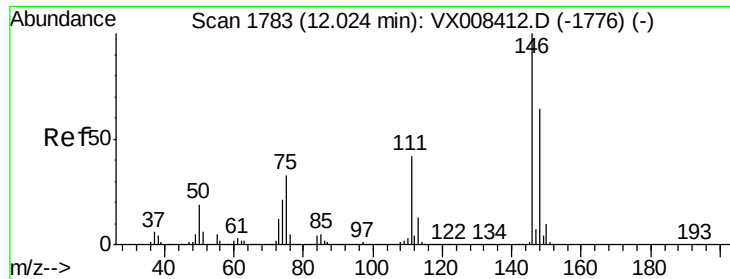


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

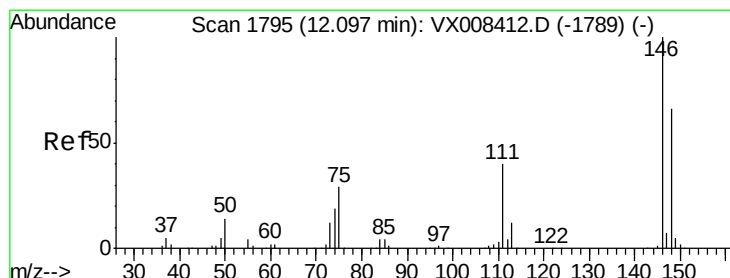
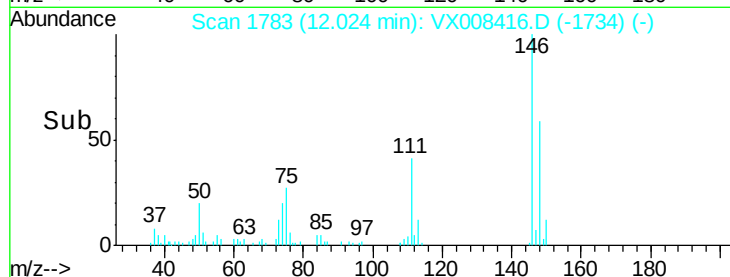
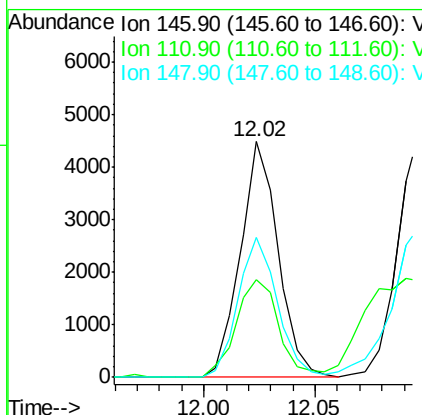
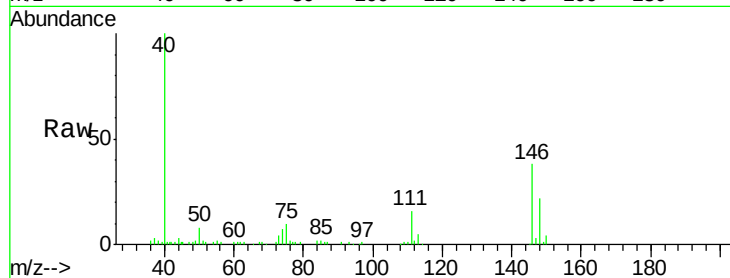




#87
 1,3-Dichlorobenzene
 Concen: 1.261 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

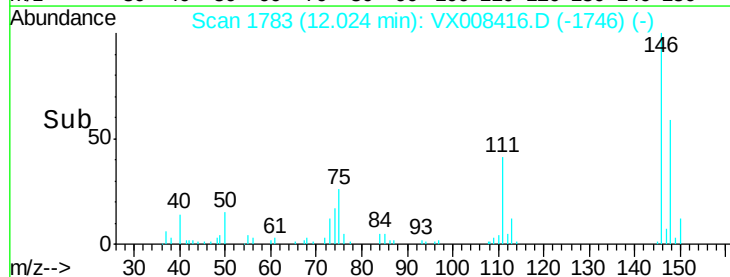
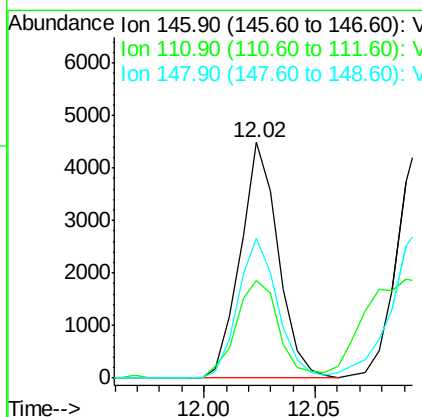
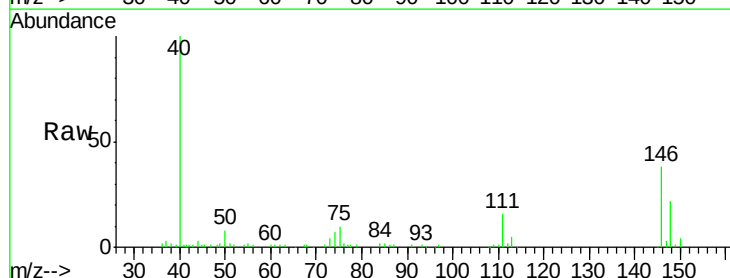
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

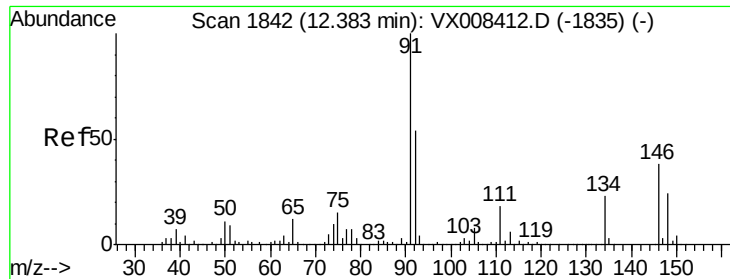
Tgt Ion:146 Resp: 5323
 Ion Ratio Lower Upper
 146 100
 111 47.0 20.8 62.5
 148 62.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 1.238 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion:146 Resp: 5323
 Ion Ratio Lower Upper
 146 100
 111 47.0 20.3 61.0
 148 62.0 32.1 96.5





#89

n-Butylbenzene

Concen: 1.056 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008416.D

Acq: 25 Mar 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

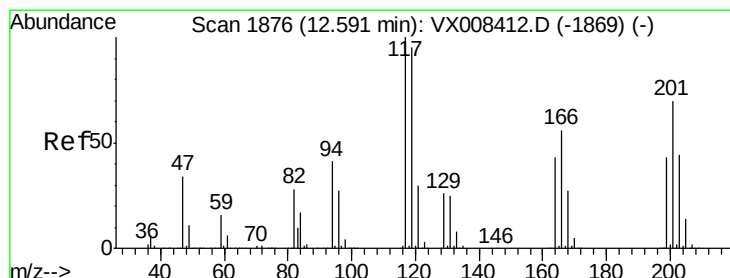
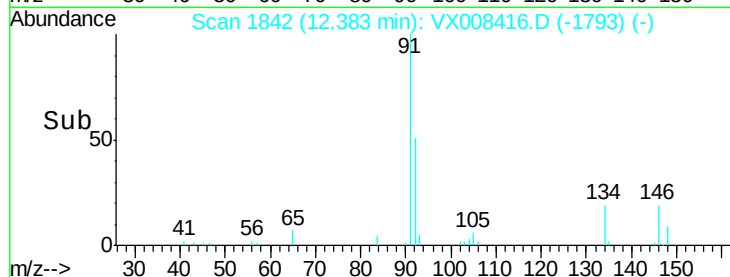
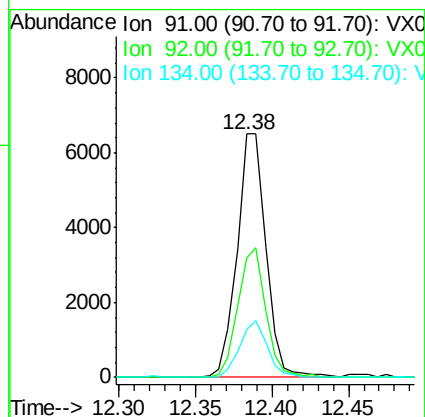
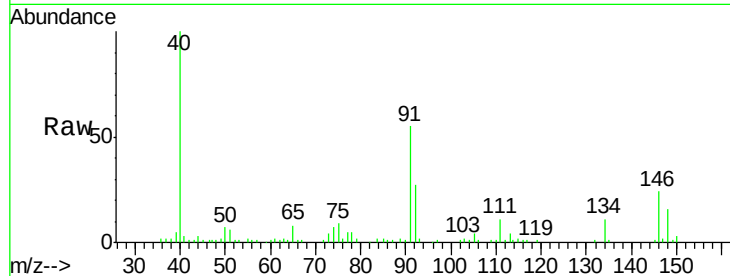
Tgt Ion: 91 Resp: 8549

Ion Ratio Lower Upper

91 100

92 51.2 26.5 79.5

134 22.1 11.8 35.4



#90

Hexachloroethane

Concen: 1.030 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX008416.D

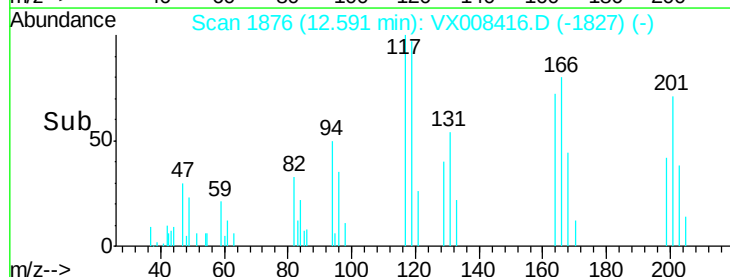
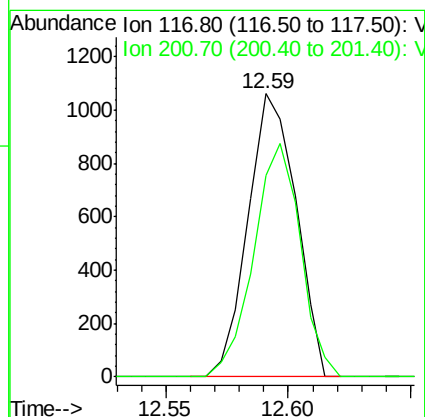
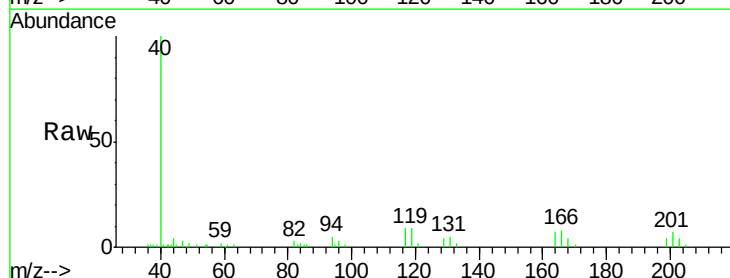
Acq: 25 Mar 2019 16:26

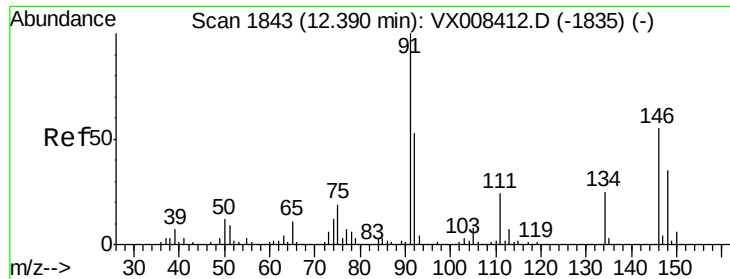
Tgt Ion: 117 Resp: 1447

Ion Ratio Lower Upper

117 100

201 80.2 39.4 118.1

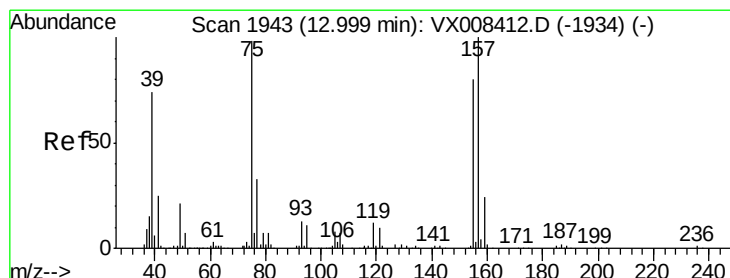
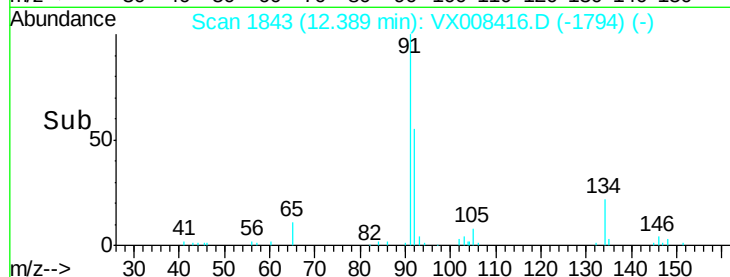
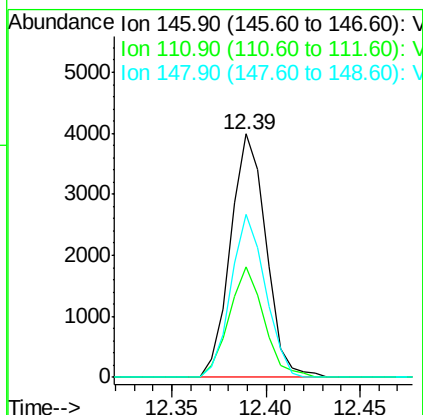
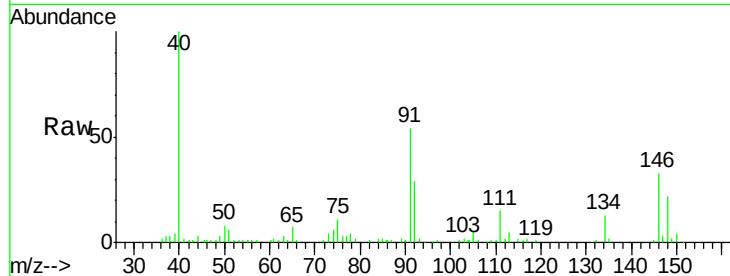




#91
 1,2-Dichlorobenzene
 Concen: 1.220 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

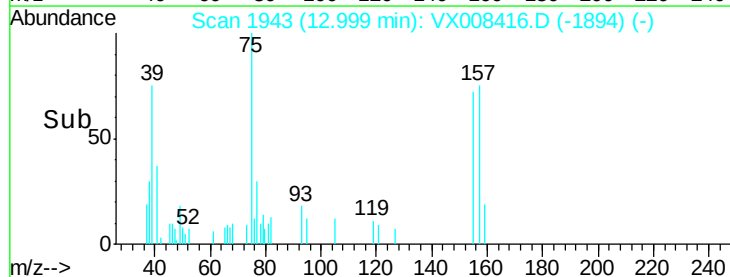
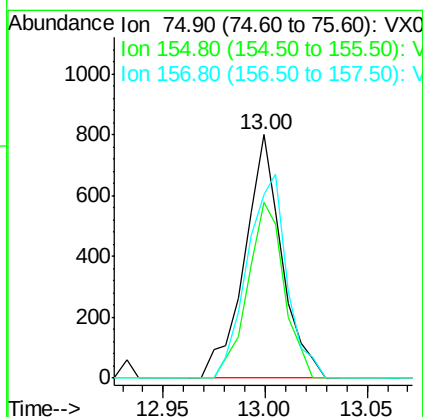
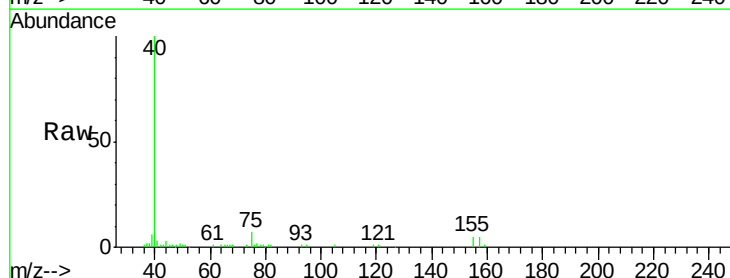
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

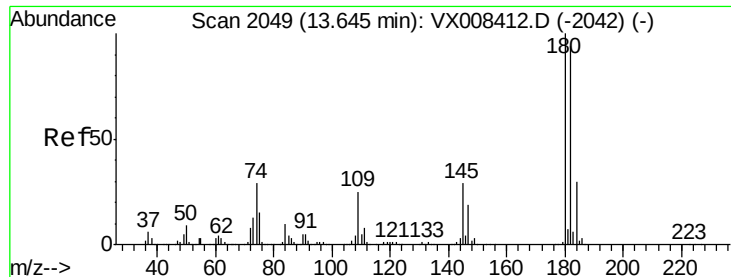
Tgt Ion: 146 Resp: 5229
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.6 64.6
 148 64.7 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.216 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion: 75 Resp: 1018
 Ion Ratio Lower Upper
 75 100
 155 70.1 39.5 118.5
 157 89.0 49.9 149.7

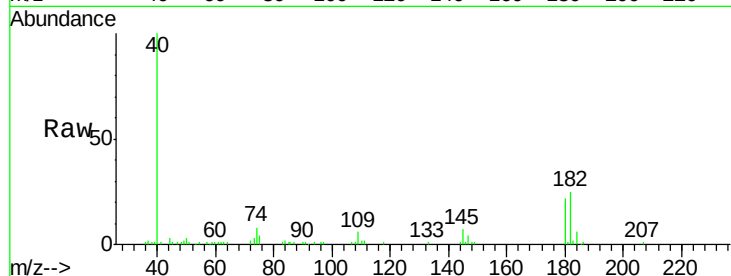




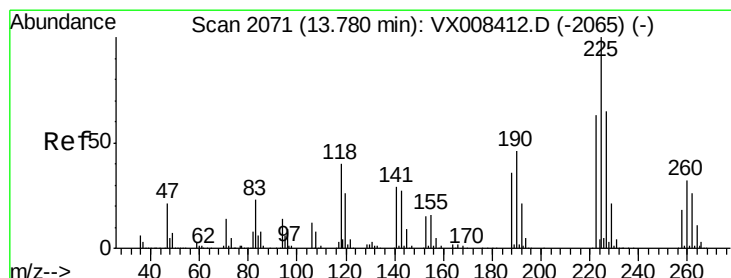
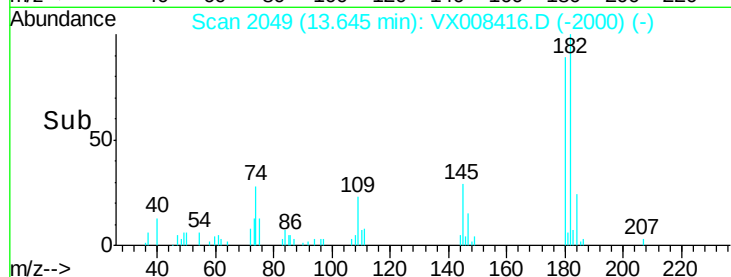
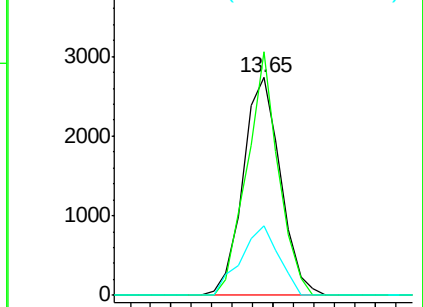
#93
 1,2,4-Trichlorobenzene
 Concen: 1.203 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 3483
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 142.0
 145 32.3 15.3 45.8

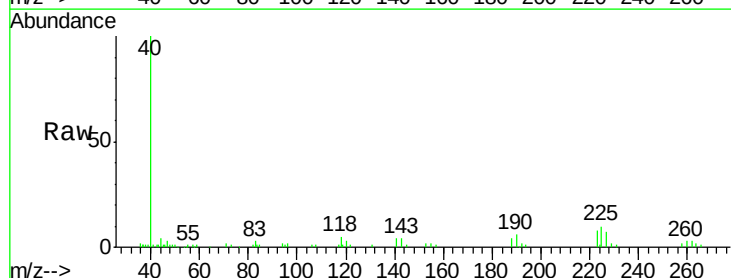


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

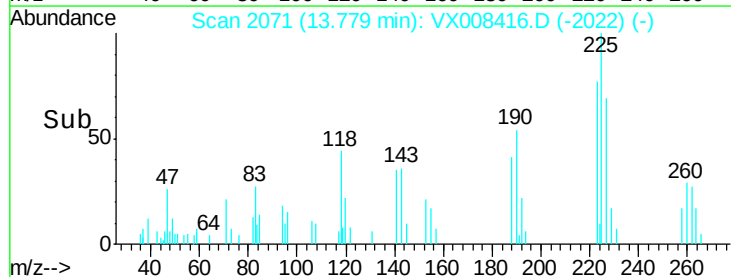
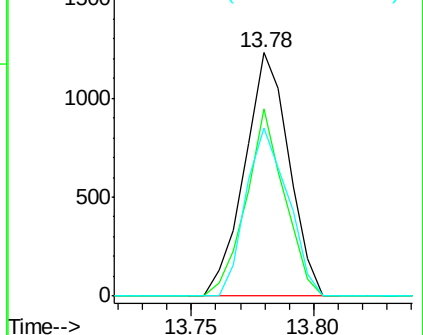


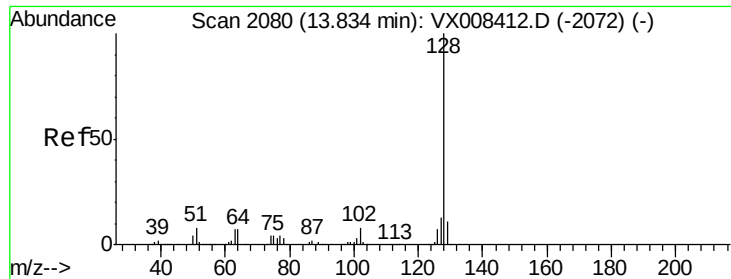
#94
 Hexachlorobutadiene
 Concen: 1.140 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008416.D
 Acq: 25 Mar 2019 16:26

Tgt Ion:225 Resp: 1559
 Ion Ratio Lower Upper
 225 100
 223 66.5 31.4 94.0
 227 65.4 31.9 95.9



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

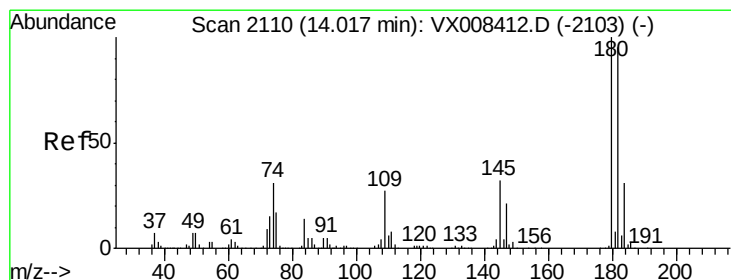
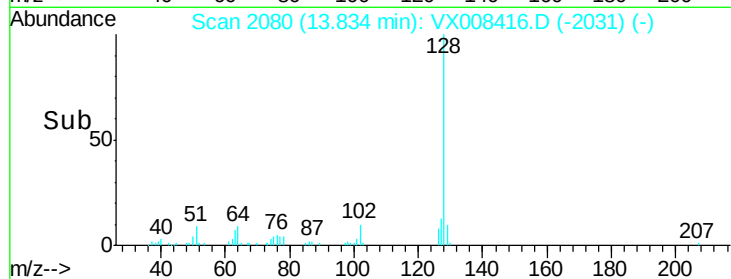
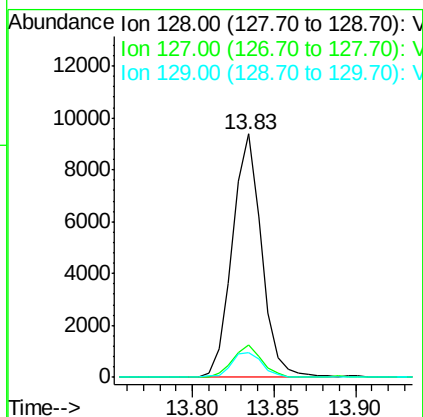
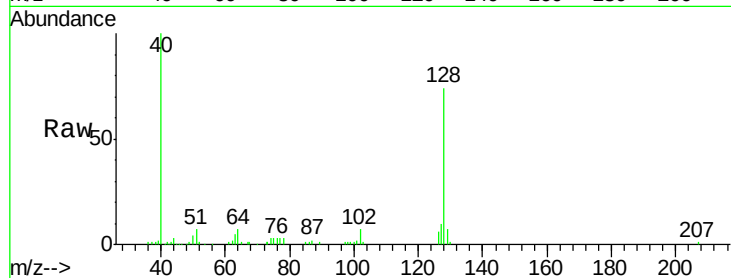




#95
Naphthalene
Concen: 1.159 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 11697
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.191 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008416.D
Acq: 25 Mar 2019 16:26

Tgt Ion:180 Resp: 3464
Ion Ratio Lower Upper
180 100
182 96.9 47.3 142.0
145 36.6 16.2 48.5

