

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032519\
 Data File : VX008410.D
 Acq On : 25 Mar 2019 14:07
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 26 04:19:24 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	204426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	347651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141423	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	16473	5.33	ug/l	0.00
Spiked Amount			Recovery	=	10.66%	
35) Dibromofluoromethane	5.49	113	11585	5.15	ug/l	0.00
Spiked Amount			Recovery	=	10.30%	
50) Toluene-d8	8.71	98	46490	5.20	ug/l	0.00
Spiked Amount			Recovery	=	10.40%	
62) 4-Bromofluorobenzene	11.13	95	16502	5.00	ug/l	0.00
Spiked Amount			Recovery	=	10.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	12666	5.501	ug/l	99
3) Chloromethane	1.32	50	18037	5.313	ug/l	99
4) Vinyl Chloride	1.40	62	17961	5.394	ug/l	100
5) Bromomethane	1.64	94	10395	5.091	ug/l	100
6) Chloroethane	1.71	64	11226	5.688	ug/l	95
7) Trichlorofluoromethane	1.92	101	20030	5.304	ug/l	91
8) Diethyl Ether	2.18	74	9437	5.207	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	12114	5.399	ug/l	97
10) Methyl Iodide	2.51	142	8076	2.984	ug/l	98
11) Tert butyl alcohol	3.05	59	18251	26.304	ug/l	96
12) 1,1-Dichloroethene	2.37	96	12365	5.320	ug/l	99
13) Acrolein	2.29	56	15199	26.897	ug/l	99
14) Allyl chloride	2.72	41	26394	5.151	ug/l	99
15) Acrylonitrile	3.14	53	46757	26.475	ug/l	98
16) Acetone	2.44	43	42517	27.301	ug/l	98
17) Carbon Disulfide	2.56	76	38250	5.161	ug/l	98
18) Methyl Acetate	2.77	43	20092	5.191	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	44245	5.292	ug/l	99
20) Methylene Chloride	2.85	84	15042	5.363	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	13101	5.224	ug/l	96
22) Diisopropyl ether	3.85	45	53366	5.340	ug/l	99
23) Vinyl Acetate	3.81	43	228800	25.959	ug/l	100
24) 1,1-Dichloroethane	3.70	63	27103	5.324	ug/l	99
25) 2-Butanone	4.67	43	66403	26.023	ug/l	97
26) 2,2-Dichloropropane	4.59	77	17615	5.334	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	14672	5.105	ug/l	94
28) Bromochloromethane	5.01	49	13134	5.244	ug/l	96
29) Tetrahydrofuran	5.13	42	43244	25.647	ug/l	97
30) Chloroform	5.21	83	24561	5.348	ug/l	98
31) Cyclohexane	5.58	56	26041	5.344	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	18775	5.156	ug/l	99
36) 1,1-Dichloropropene	5.80	75	18243	5.143	ug/l	96
37) Ethyl Acetate	4.83	43	24759	5.179	ug/l #	96
38) Carbon Tetrachloride	5.78	117	15769	5.173	ug/l	98

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 Data File : VX008410.D
 Acq On : 25 Mar 2019 14:07
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Mar 26 04:19:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	22694	5.216	ug/l	97
40) Benzene	6.14	78	58677	5.426	ug/l	98
41) Methacrylonitrile	5.04	41	14215	5.444	ug/l	97
42) 1,2-Dichloroethane	6.19	62	21562	5.493	ug/l	100
43) Isopropyl Acetate	6.45	43	37738	5.056	ug/l	99
44) Trichloroethene	7.21	130	13375	5.321	ug/l	99
45) 1,2-Dichloropropane	7.51	63	16231	5.301	ug/l	100
46) Dibromomethane	7.66	93	9252	5.102	ug/l	99
47) Bromodichloromethane	7.90	83	17604	5.080	ug/l	96
48) Methyl methacrylate	7.77	41	19433	5.142	ug/l	99
49) 1,4-Dioxane	7.74	88	8240	108.013	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	129994	26.437	ug/l	100
52) Toluene	8.78	92	34600	5.443	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	17388	4.658	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	20853	4.944	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	14231	5.390	ug/l	97
56) Ethyl methacrylate	9.18	69	24634	5.263	ug/l	97
57) 1,3-Dichloropropane	9.37	76	25151	5.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	65698	26.272	ug/l	98
59) 2-Hexanone	9.49	43	102521	27.023	ug/l	99
60) Dibromochloromethane	9.58	129	12342	5.031	ug/l	97
61) 1,2-Dibromoethane	9.67	107	14027	5.241	ug/l	99
64) Tetrachloroethene	9.34	164	10892	5.407	ug/l	95
65) Chlorobenzene	10.13	112	34258	5.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	11744	5.229	ug/l	100
67) Ethyl Benzene	10.25	91	65609	5.402	ug/l	100
68) m/p-Xylenes	10.36	106	47544	10.897	ug/l	97
69) o-Xylene	10.69	106	23473	5.501	ug/l	98
70) Styrene	10.71	104	38678	5.225	ug/l	100
71) Bromoform	10.85	173	8615	4.948	ug/l #	100
73) Isopropylbenzene	11.02	105	61200	5.482	ug/l	100
74) N-amyl acetate	10.90	43	34638	5.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	24141	5.442	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	25302	6.832	ug/l	83
77) Bromobenzene	11.26	156	14507	5.473	ug/l	99
78) n-propylbenzene	11.36	91	70026	5.356	ug/l	99
79) 2-Chlorotoluene	11.42	91	43199	5.408	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	51380	5.409	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	5589	4.312	ug/l #	79
82) 4-Chlorotoluene	11.51	91	49040	5.338	ug/l	99
83) tert-Butylbenzene	11.77	119	49474	5.483	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	51628	5.439	ug/l	99
85) sec-Butylbenzene	11.94	105	58361	5.378	ug/l	100
86) p-Isopropyltoluene	12.06	119	50665	5.297	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	25777	5.419	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	25899	5.344	ug/l	94
89) n-Butylbenzene	12.38	91	45521	4.989	ug/l	98
90) Hexachloroethane	12.59	117	8122	5.130	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	26199	5.425	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4755	5.038	ug/l	98

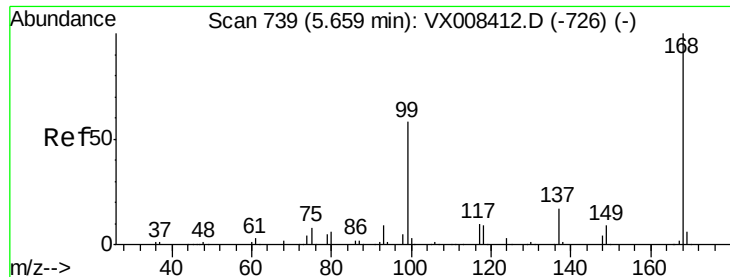
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032519\
Data File : VX008410.D
Acq On : 25 Mar 2019 14:07
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 26 04:19:24 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)
93) 1,2,4-Trichlorobenzene	13.65	180	16472	5.047	ug/l	98
94) Hexachlorobutadiene	13.78	225	8273	5.369	ug/l	98
95) Naphthalene	13.83	128	56734	4.990	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	16943	5.168	ug/l	99

(#) = 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: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

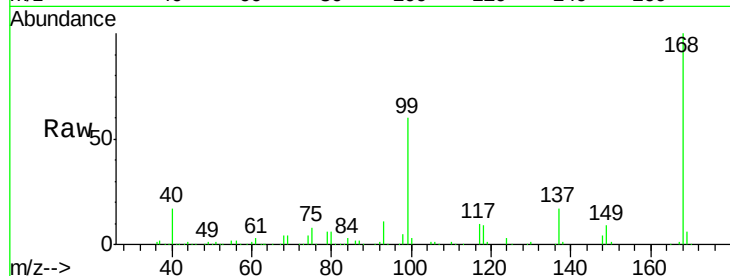
VSTDIC005

Tgt Ion:168 Resp: 204426

Ion Ratio Lower Upper

168 100

99 60.2 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

80000

60000

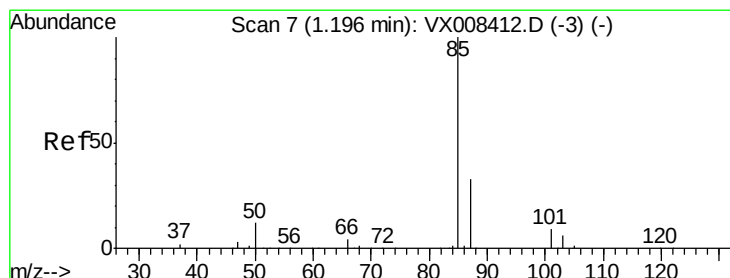
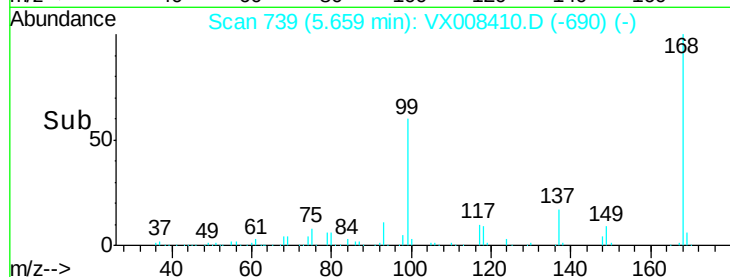
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 5.501 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008410.D

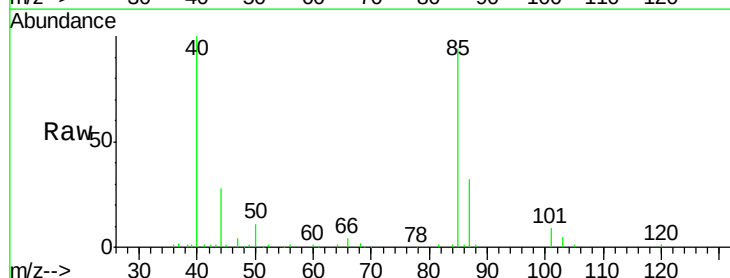
Acq: 25 Mar 2019 14:07

Tgt Ion: 85 Resp: 12666

Ion Ratio Lower Upper

85 100

87 33.5 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

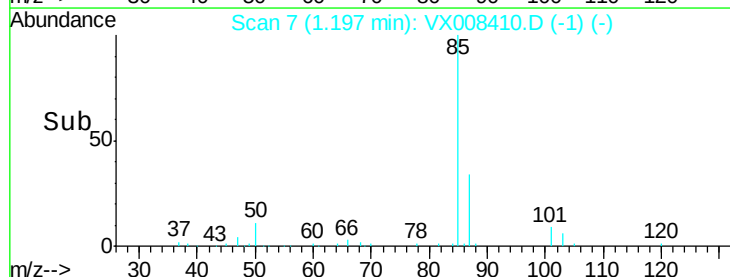
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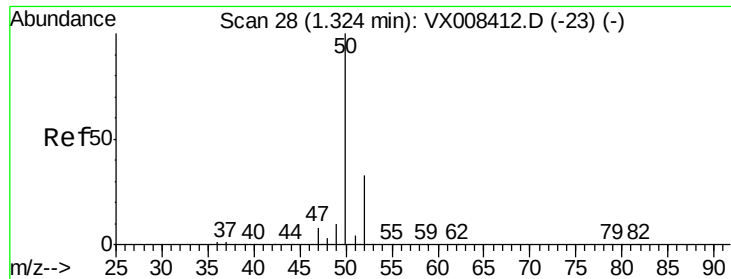
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 5.313 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

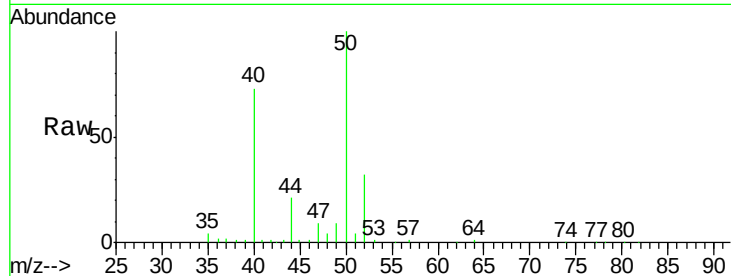
VSTDIC005

Tgt Ion: 50 Resp: 18037

Ion Ratio Lower Upper

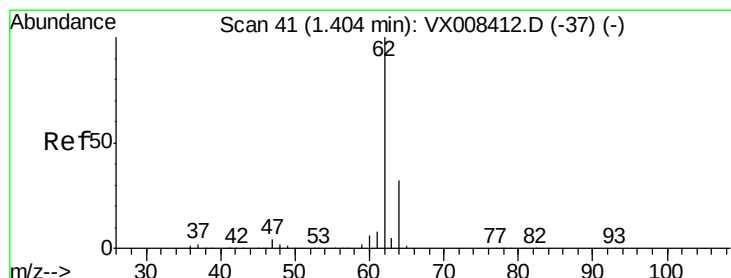
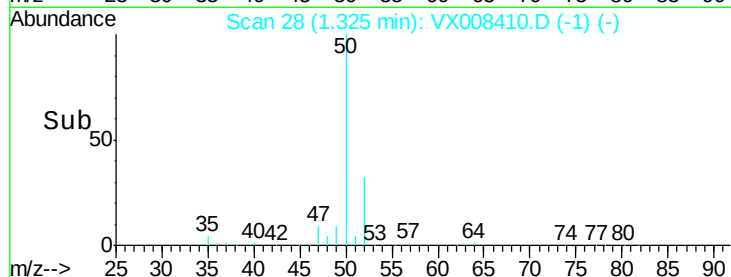
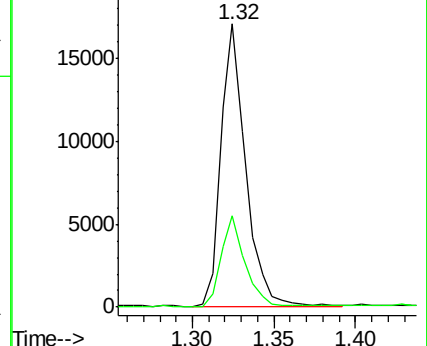
50 100

52 32.0 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: 5.394 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008410.D

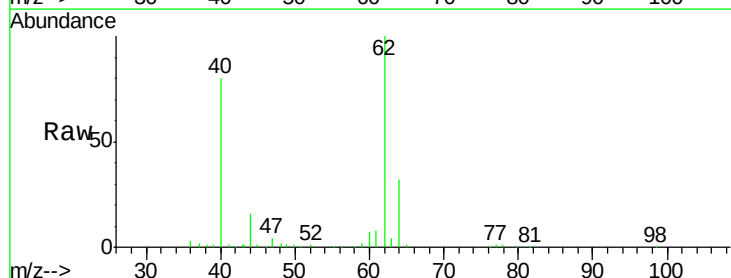
Acq: 25 Mar 2019 14:07

Tgt Ion: 62 Resp: 17961

Ion Ratio Lower Upper

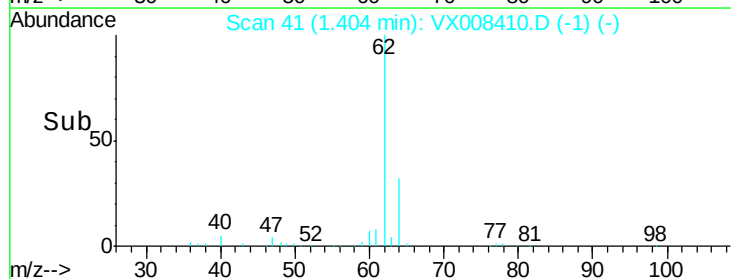
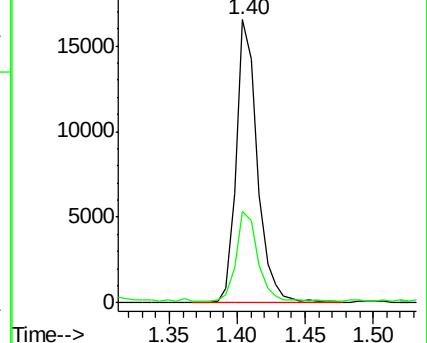
62 100

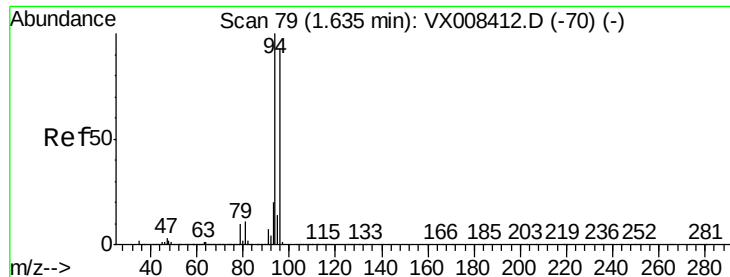
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.091 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

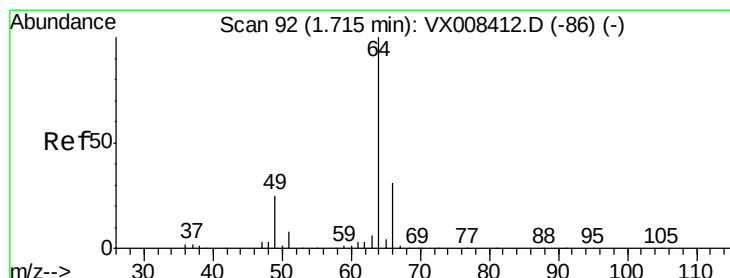
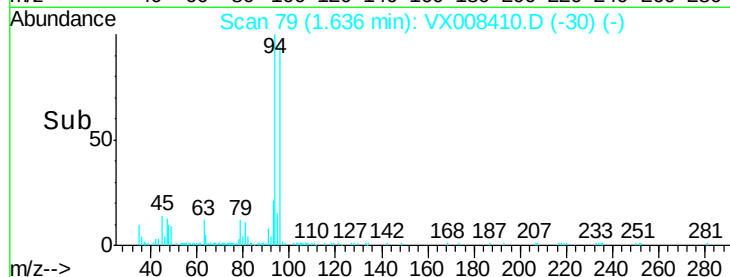
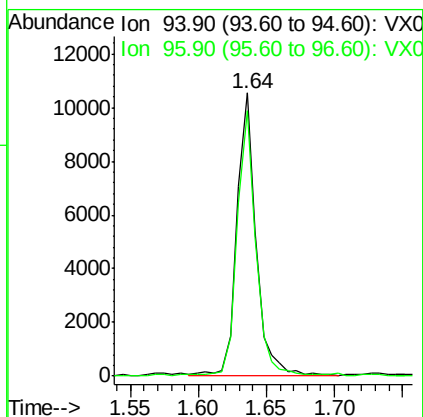
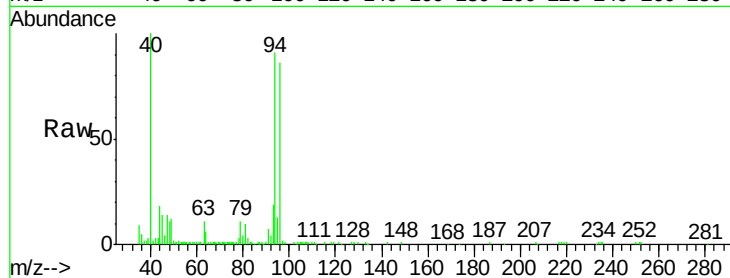
VSTDIC005

Tgt Ion: 94 Resp: 10395

Ion Ratio Lower Upper

94 100

96 93.2 74.8 112.2



#6

Chloroethane

Concen: 5.688 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008410.D

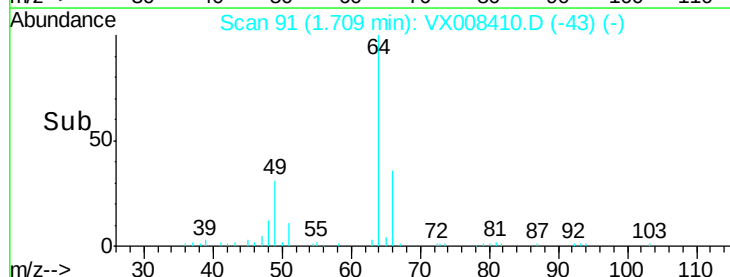
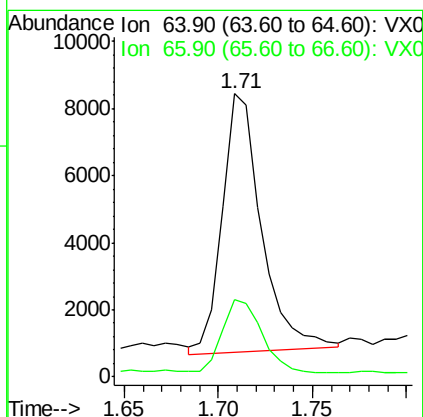
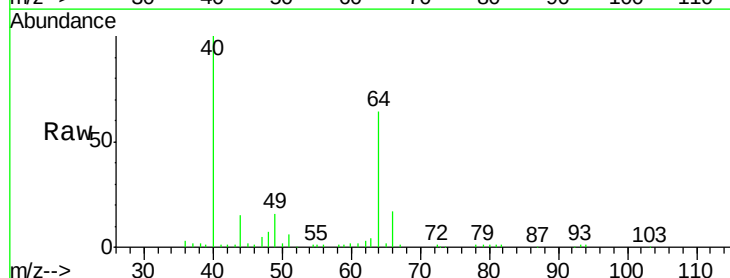
Acq: 25 Mar 2019 14:07

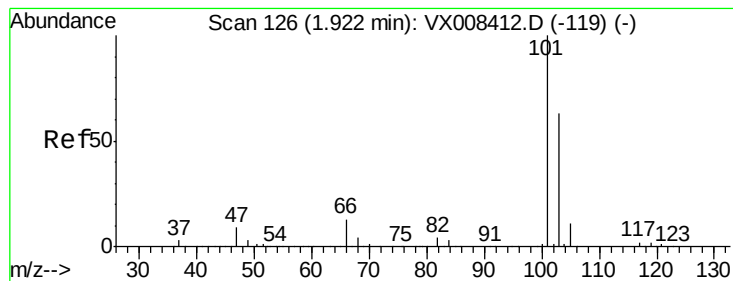
Tgt Ion: 64 Resp: 11226

Ion Ratio Lower Upper

64 100

66 28.5 25.1 37.7



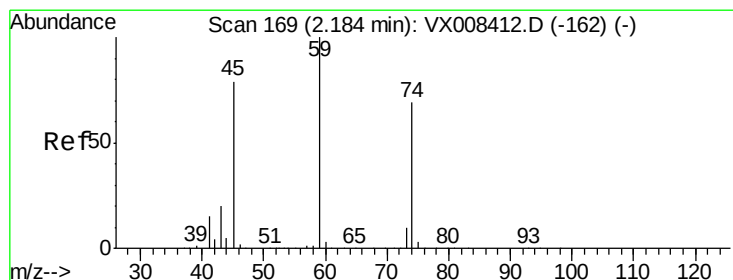
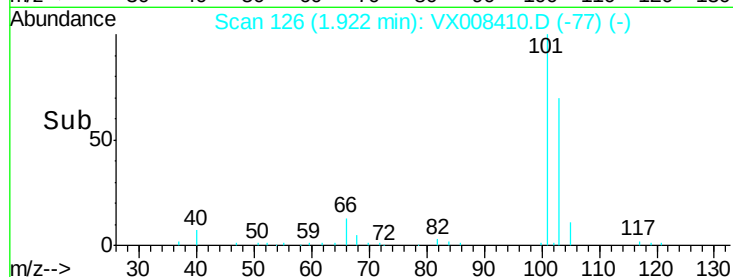
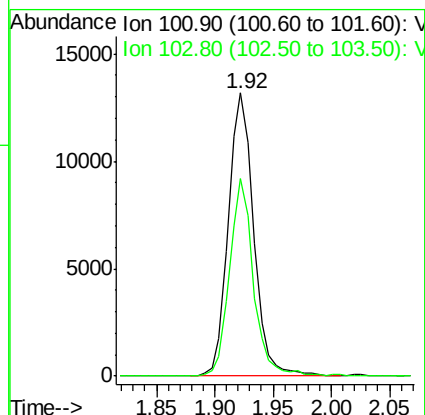
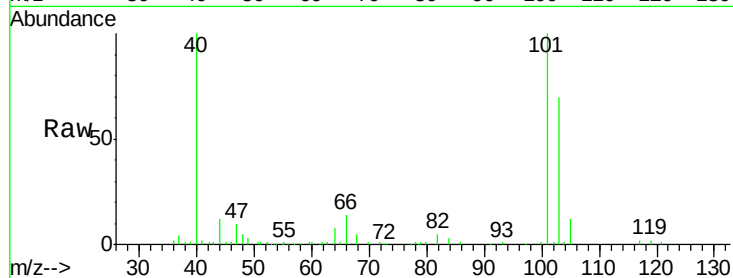


#7

Trichlorofluoromethane
Concen: 5.304 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

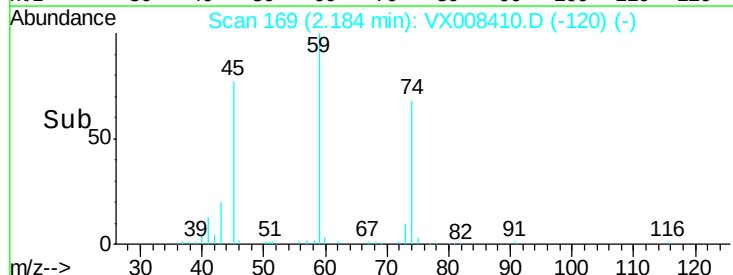
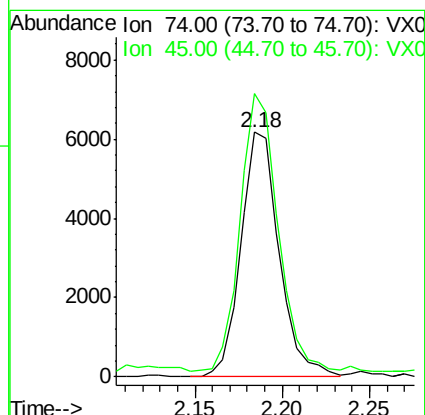
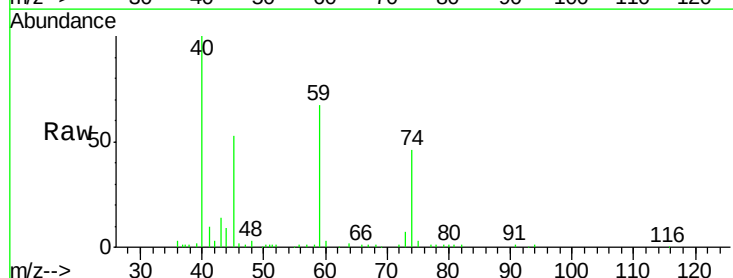
Tgt Ion:101 Resp: 20030
Ion Ratio Lower Upper
101 100
103 69.8 50.2 75.4

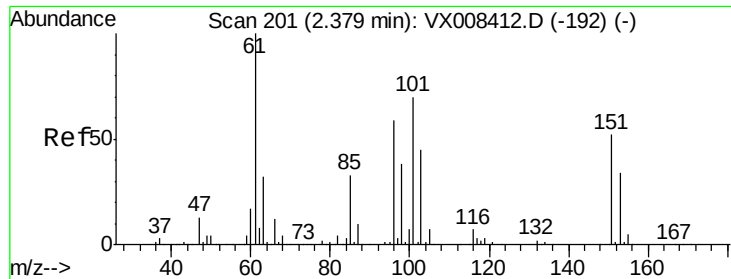


#8

Diethyl Ether
Concen: 5.207 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 74 Resp: 9437
Ion Ratio Lower Upper
74 100
45 111.5 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.399 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

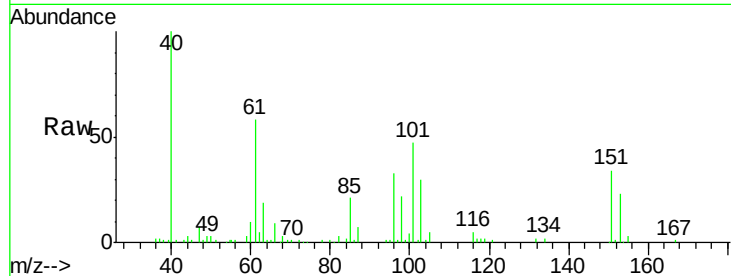
Tgt Ion:101 Resp: 12114

Ion Ratio Lower Upper

101 100

85 48.3 36.0 54.0

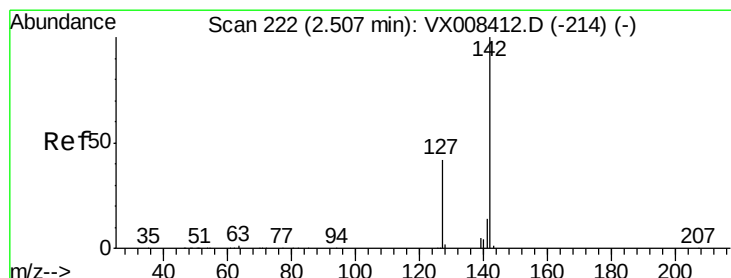
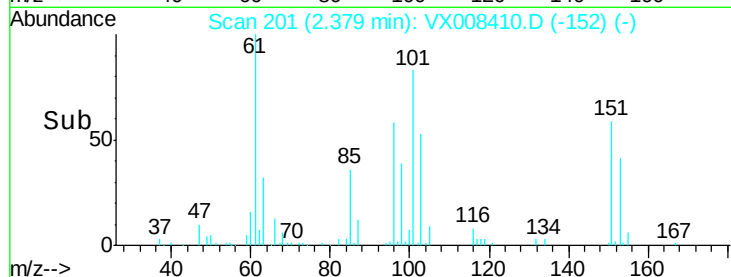
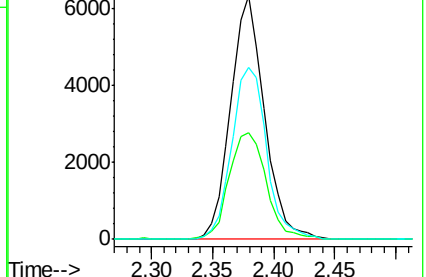
151 72.8 59.2 88.8



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: 2.984 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

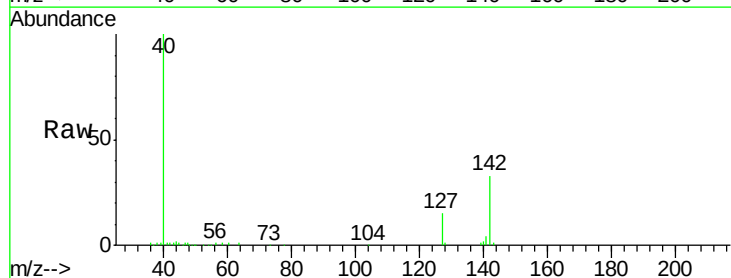
Tgt Ion:142 Resp: 8076

Ion Ratio Lower Upper

142 100

127 43.3 33.6 50.4

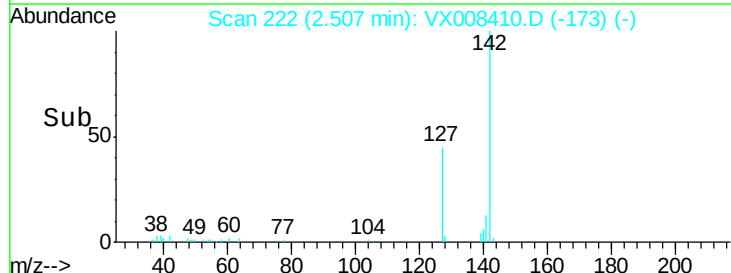
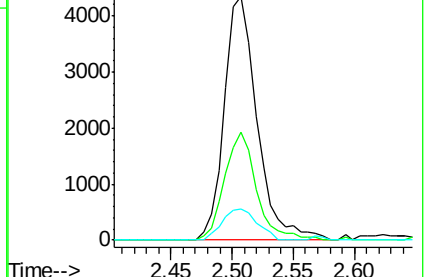
141 13.6 11.3 16.9

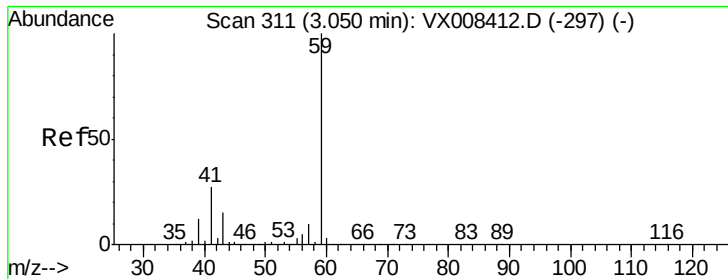


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



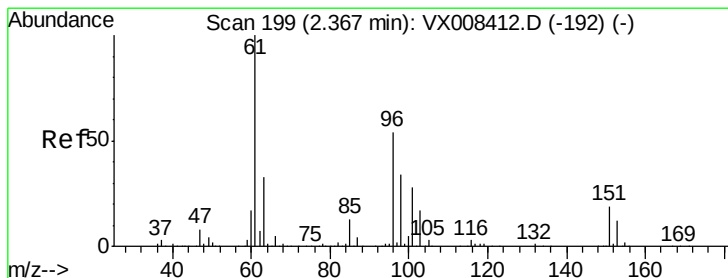
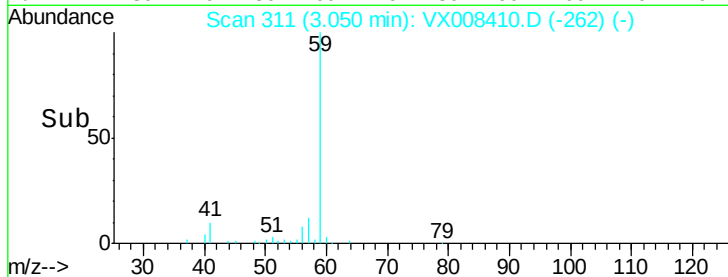
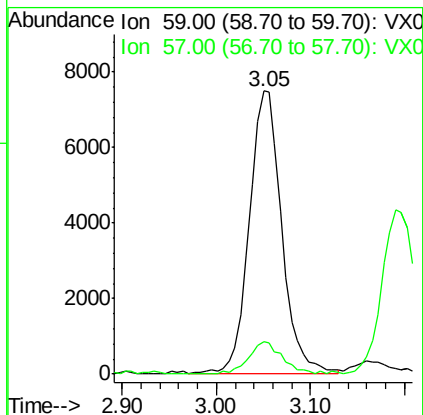
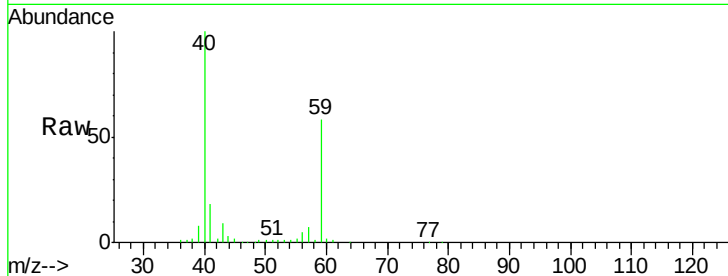


#11

Tert butyl alcohol
 Concen: 26.304 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

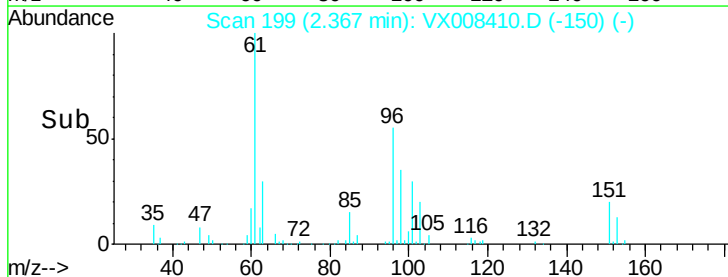
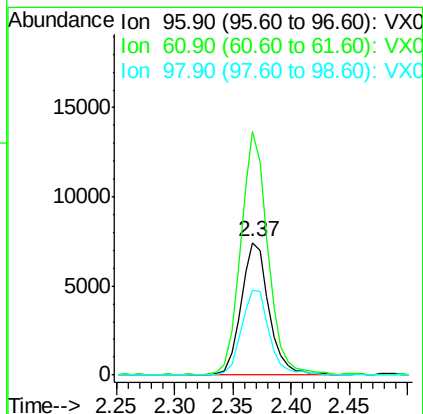
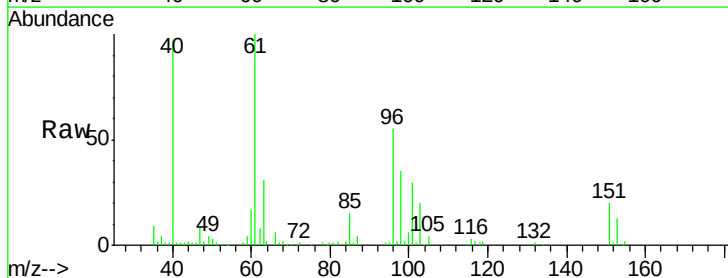
Tgt Ion: 59 Resp: 18251
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.2 12.4

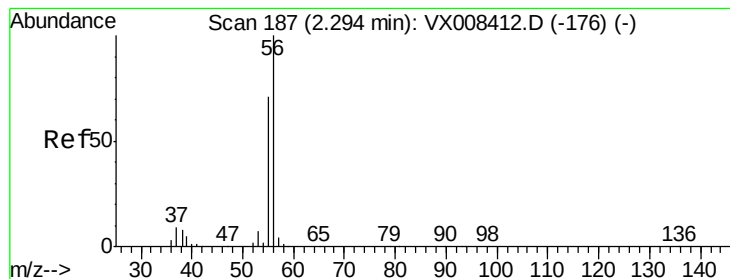


#12

1,1-Dichloroethene
 Concen: 5.320 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 96 Resp: 12365
 Ion Ratio Lower Upper
 96 100
 61 183.4 146.9 220.3
 98 64.2 50.1 75.1





#13

Acrolein

Concen: 26.897 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampled :

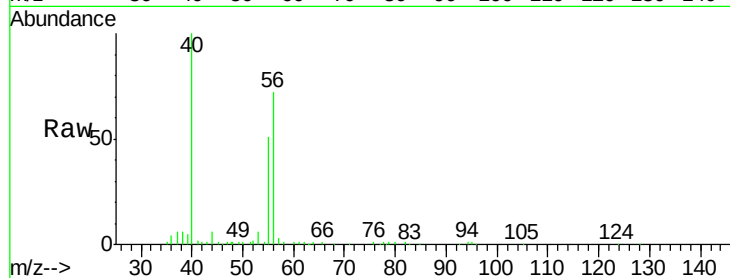
VSTDIC005

Tgt Ion: 56 Resp: 15199

Ion Ratio Lower Upper

56 100

55 70.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

6000

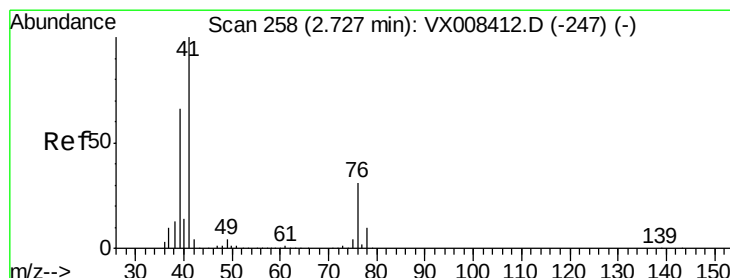
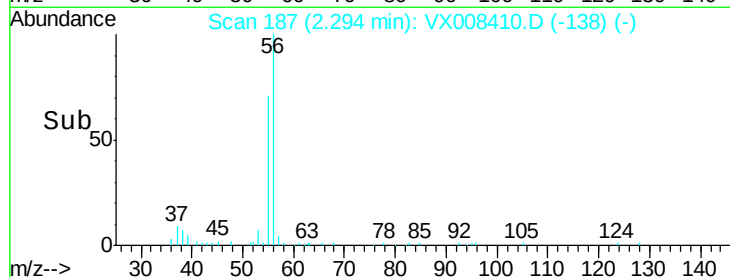
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 5.151 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

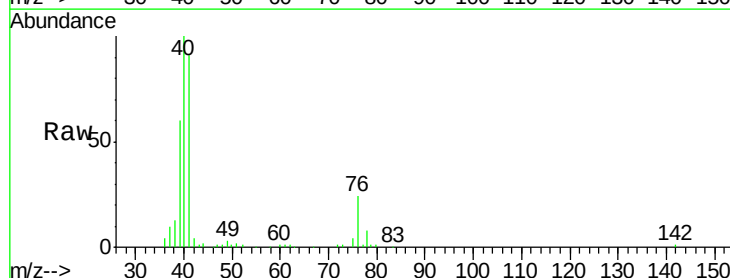
Tgt Ion: 41 Resp: 26394

Ion Ratio Lower Upper

41 100

39 63.2 49.6 74.4

76 27.8 22.6 34.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

30000

25000

20000

15000

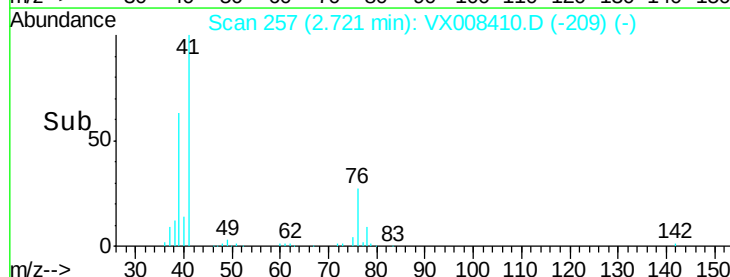
10000

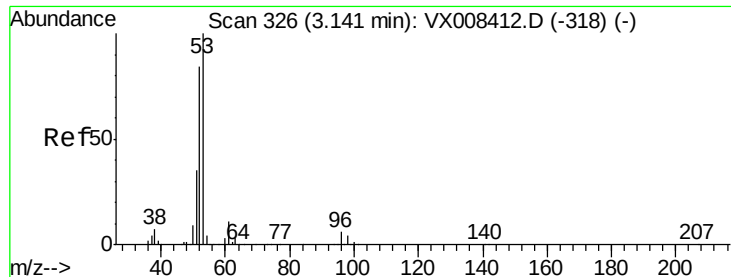
5000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 26.475 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

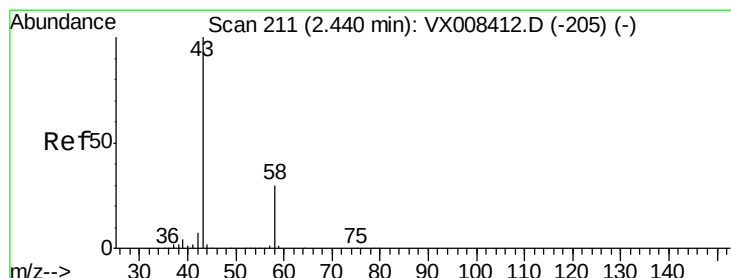
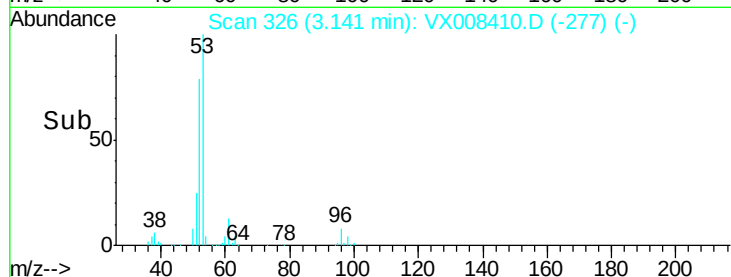
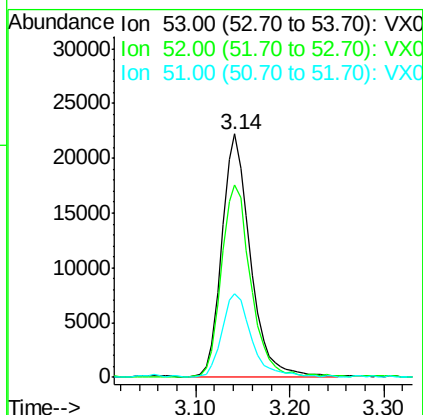
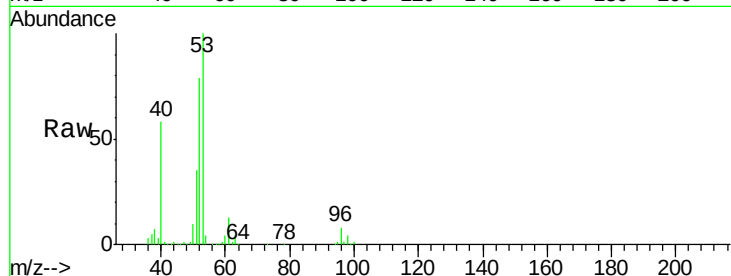
Tgt Ion: 53 Resp: 46757

Ion Ratio Lower Upper

53 100

52 80.7 66.5 99.7

51 35.0 28.3 42.5



#16

Acetone

Concen: 27.301 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008410.D

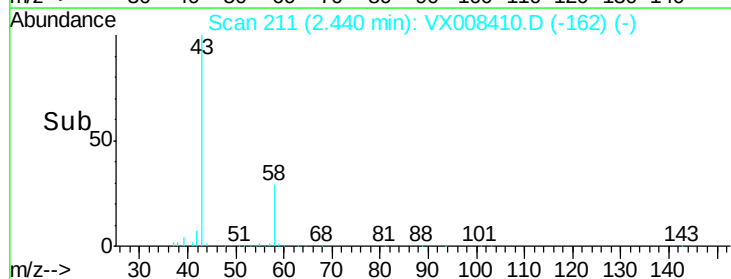
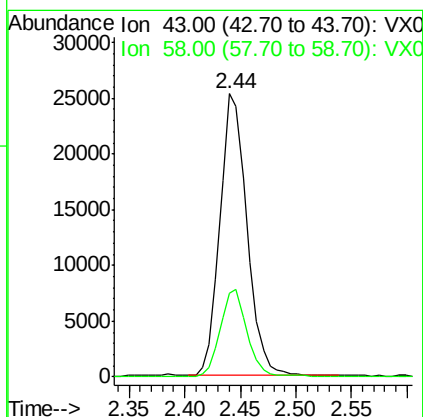
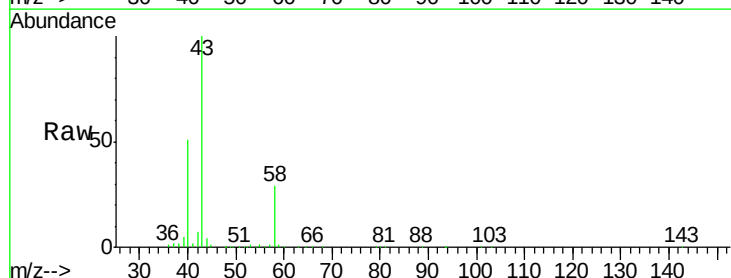
Acq: 25 Mar 2019 14:07

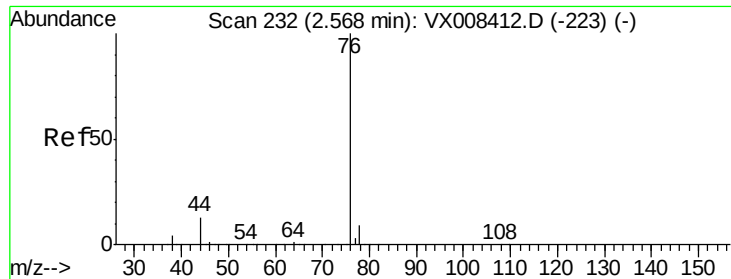
Tgt Ion: 43 Resp: 42517

Ion Ratio Lower Upper

43 100

58 29.3 24.2 36.2





#17

Carbon Disulfide

Concen: 5.161 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

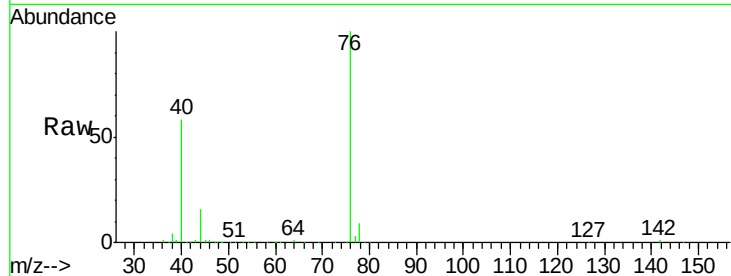
VSTDIC005

Tgt Ion: 76 Resp: 38250

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

25000

20000

15000

10000

5000

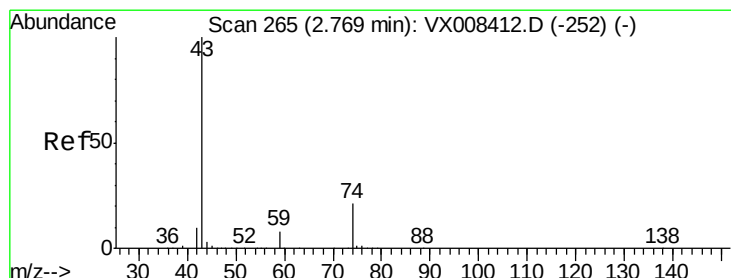
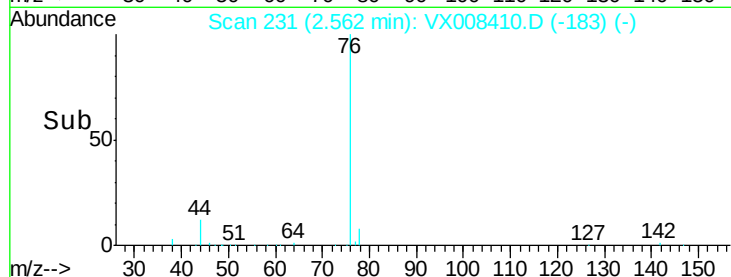
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 5.191 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008410.D

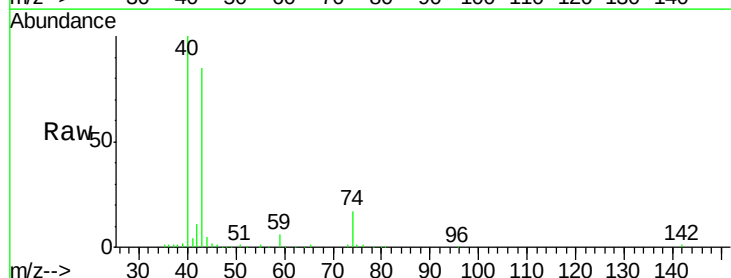
Acq: 25 Mar 2019 14:07

Tgt Ion: 43 Resp: 20092

Ion Ratio Lower Upper

43 100

74 21.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

12000

10000

8000

6000

4000

2000

0

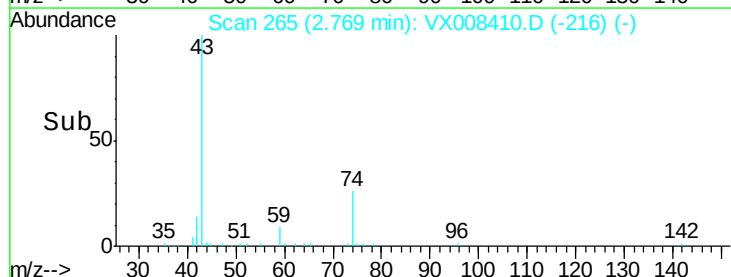
Time-->

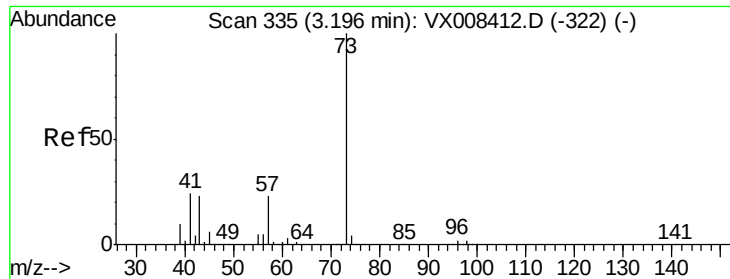
2.70

2.75

2.80

2.85

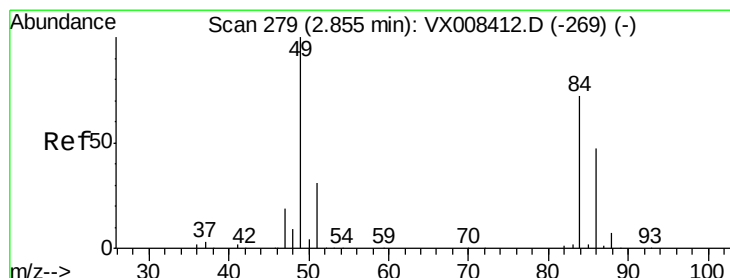
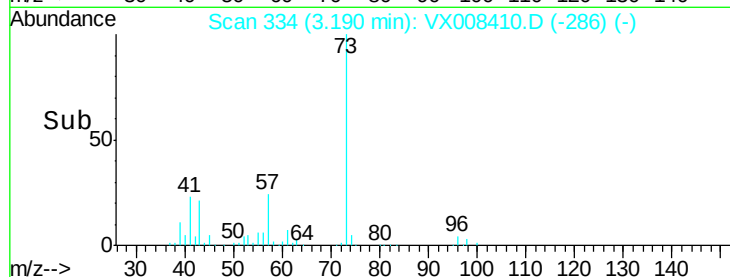
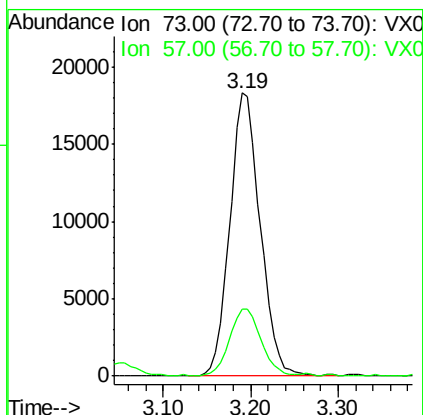
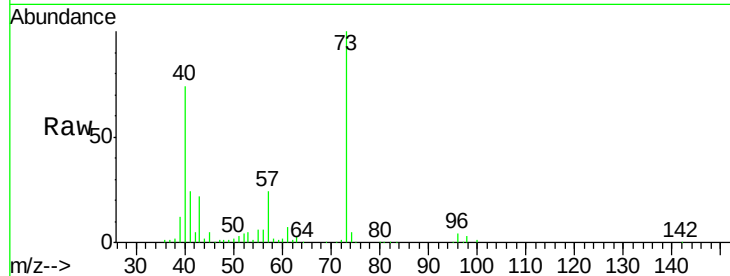




#19
Methyl tert-butyl Ether
Concen: 5.292 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

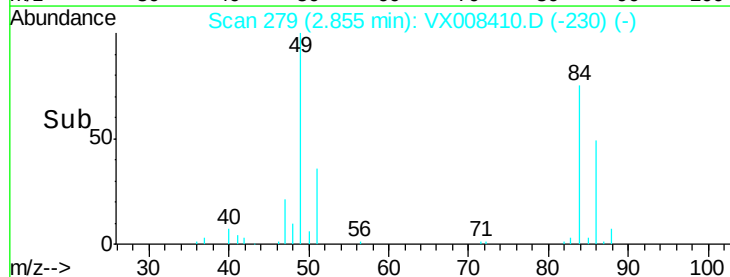
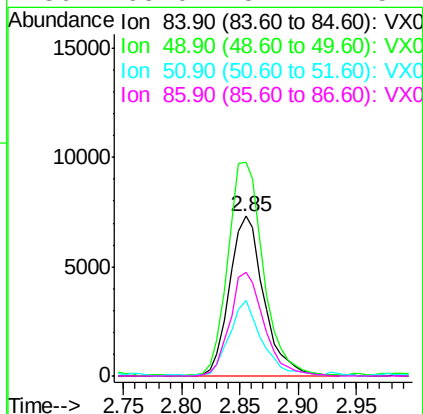
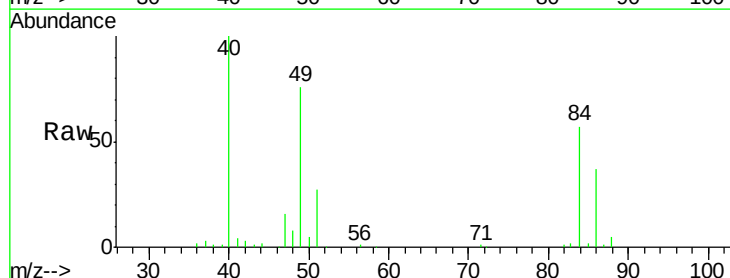
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

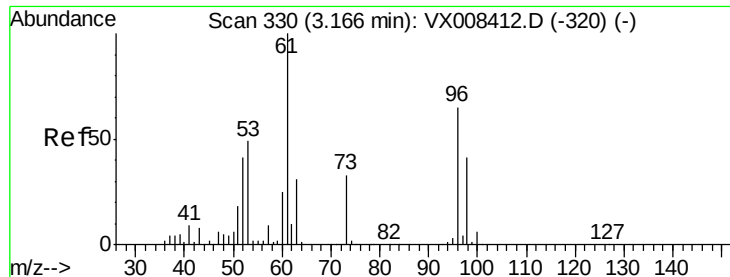
Tgt Ion: 73 Resp: 44245
Ion Ratio Lower Upper
73 100
57 23.7 18.6 28.0



#20
Methylene Chloride
Concen: 5.363 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 84 Resp: 15042
Ion Ratio Lower Upper
84 100
49 133.2 110.6 165.8
51 47.5 33.9 50.9
86 65.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 5.224 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

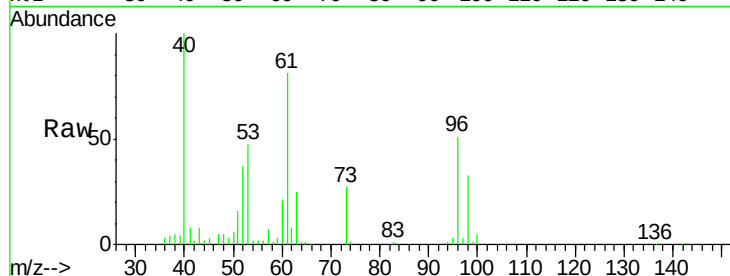
Tgt Ion: 96 Resp: 13101

Ion Ratio Lower Upper

96 100

61 159.2 122.6 184.0

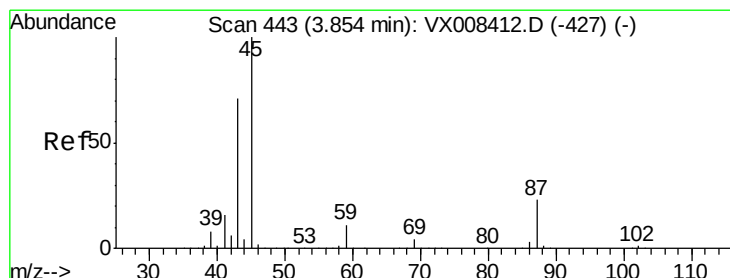
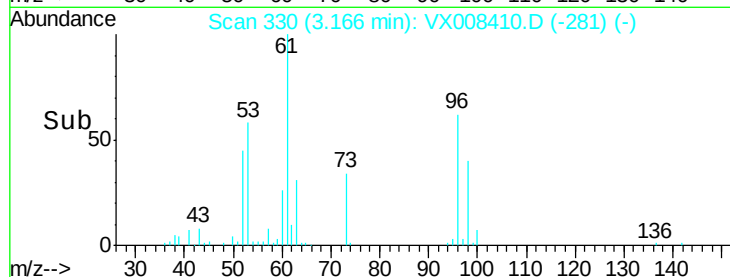
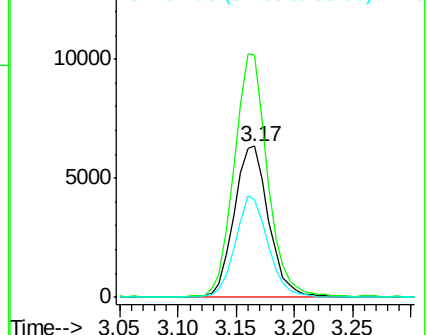
98 64.4 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.340 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Tgt Ion: 45 Resp: 53366

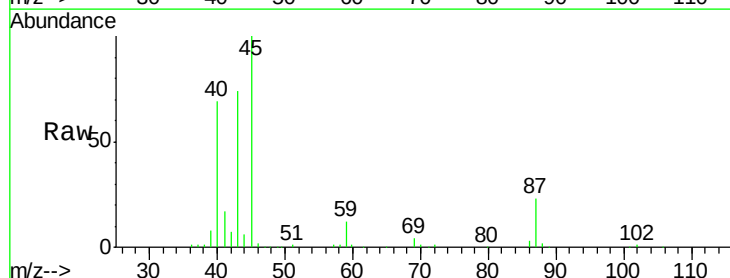
Ion Ratio Lower Upper

45 100

43 72.2 57.1 85.7

87 23.3 18.8 28.2

59 12.3 8.7 13.1

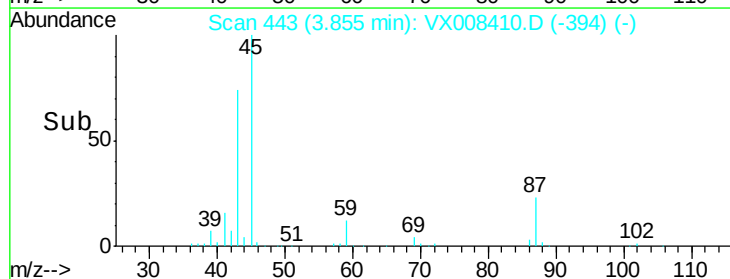
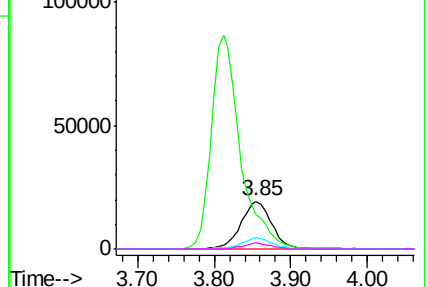


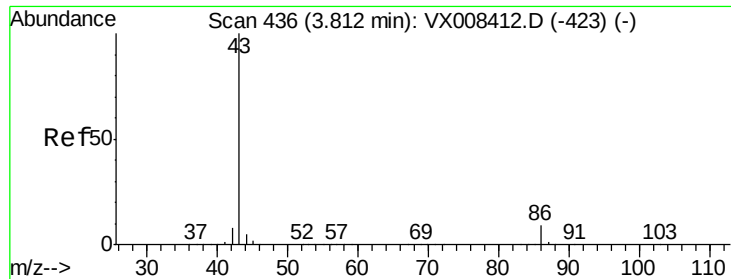
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 25.959 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

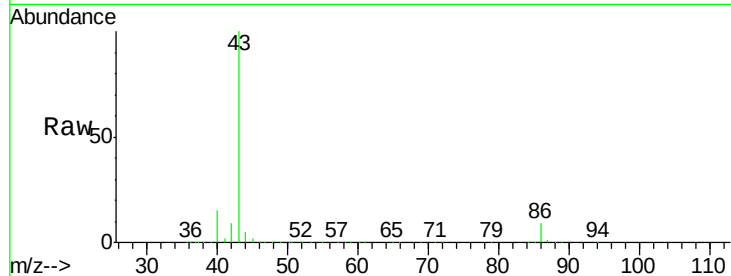
VSTDIC005

Tgt Ion: 43 Resp: 228800

Ion Ratio Lower Upper

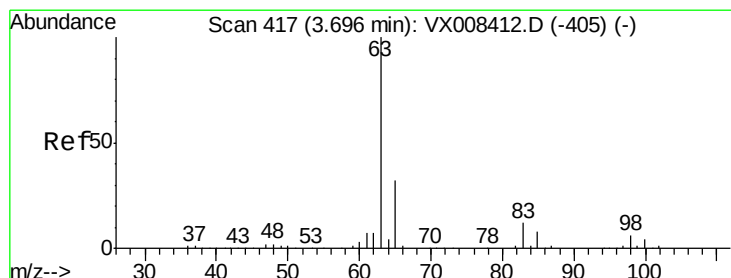
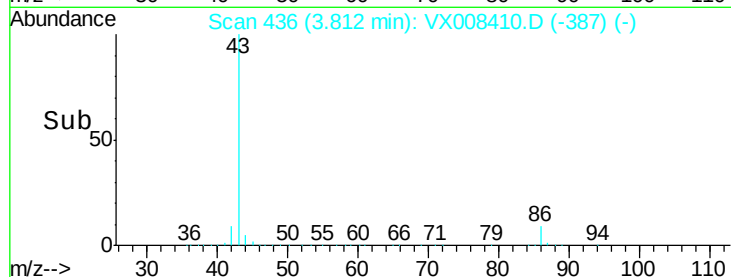
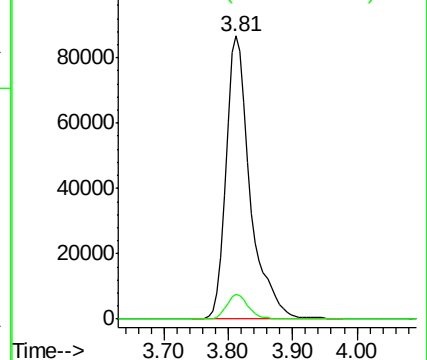
43 100

86 8.8 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: 5.324 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

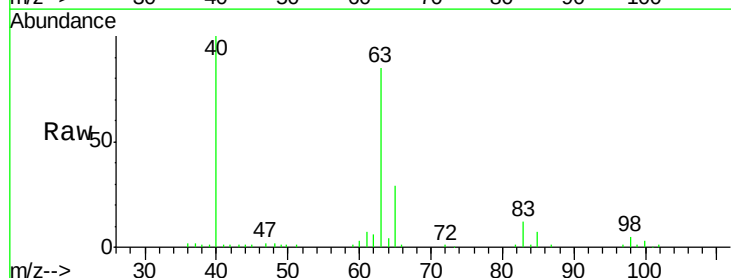
Tgt Ion: 63 Resp: 27103

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

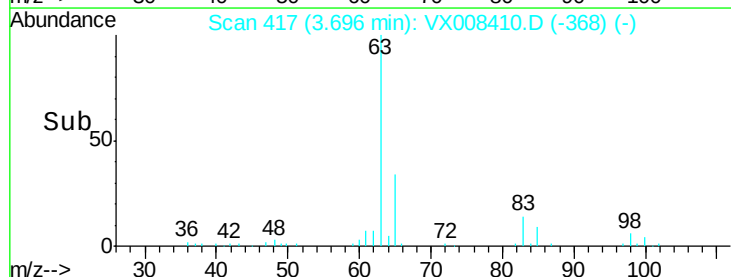
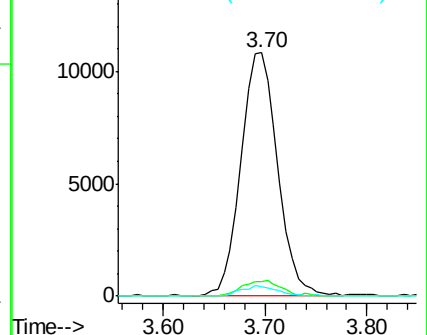
100 4.1 2.0 5.8

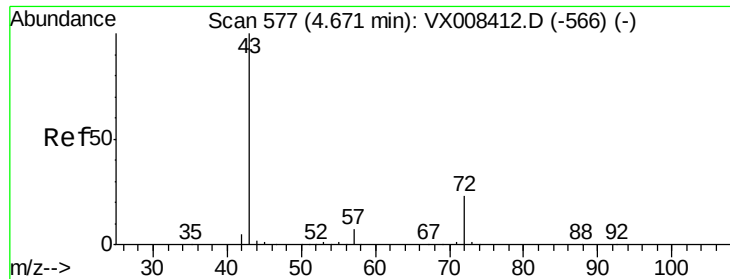


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.023 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

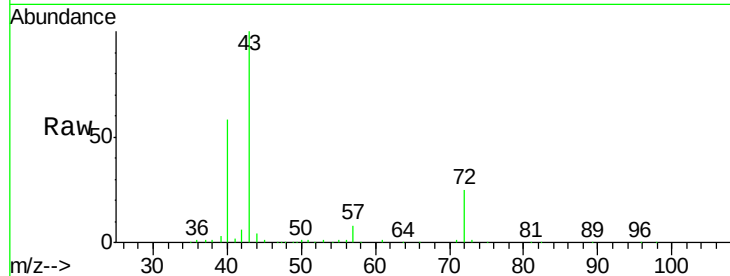
VSTDIC005

Tgt Ion: 43 Resp: 66403

Ion Ratio Lower Upper

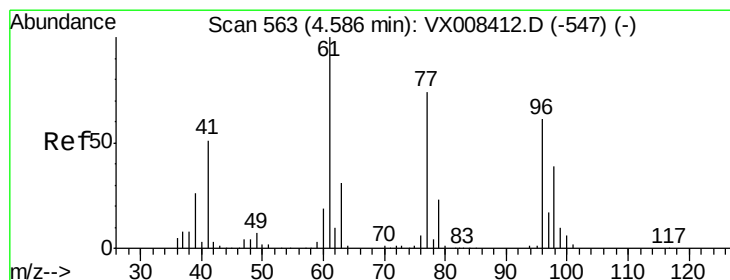
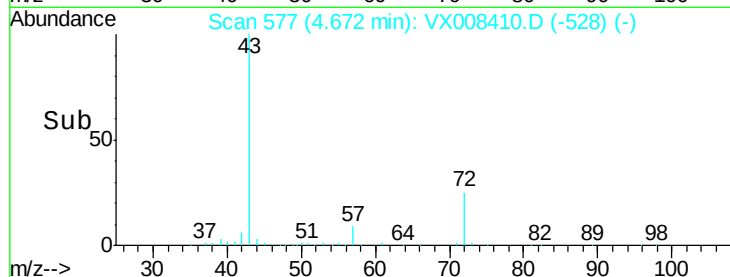
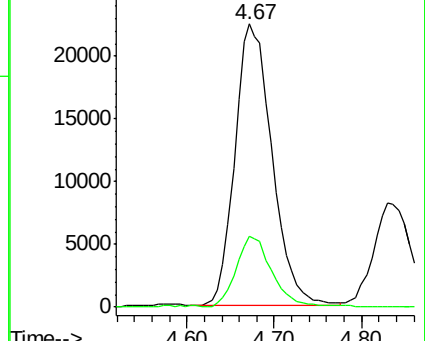
43 100

72 24.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.334 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008410.D

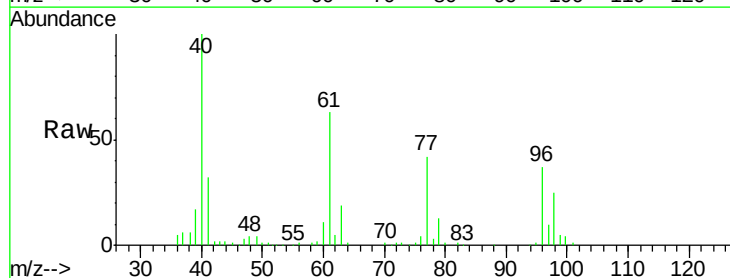
Acq: 25 Mar 2019 14:07

Tgt Ion: 77 Resp: 17615

Ion Ratio Lower Upper

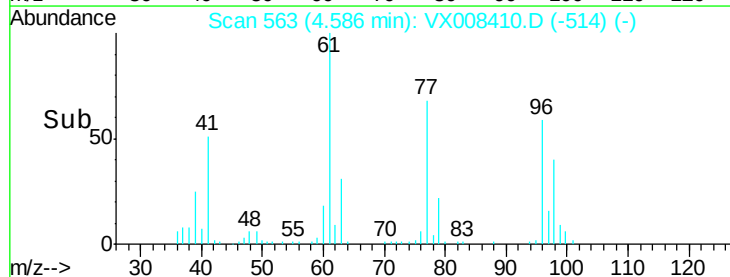
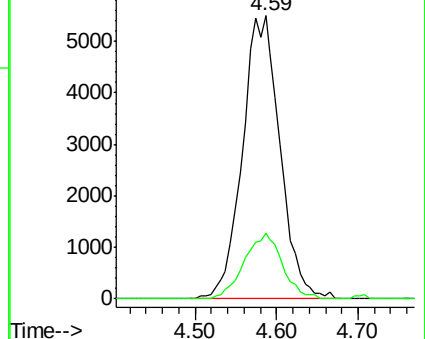
77 100

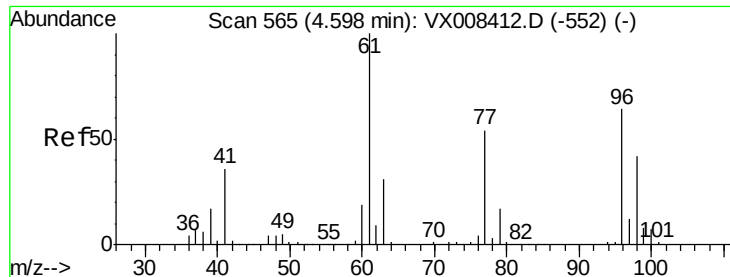
97 23.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



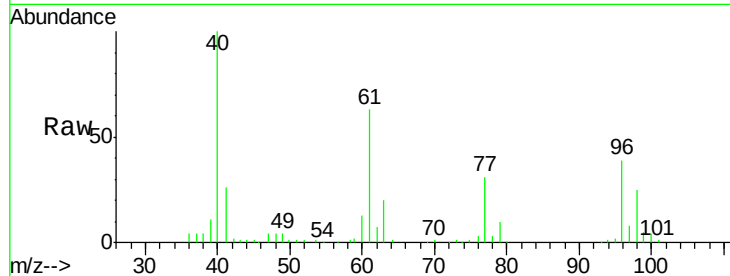


#27

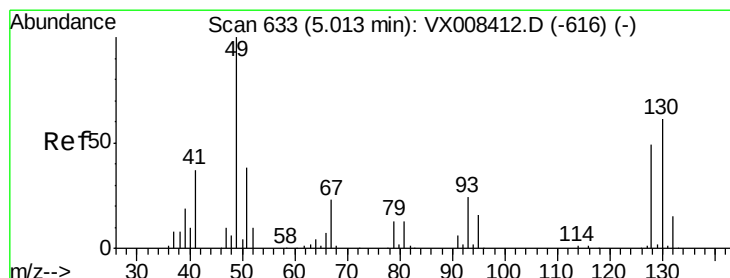
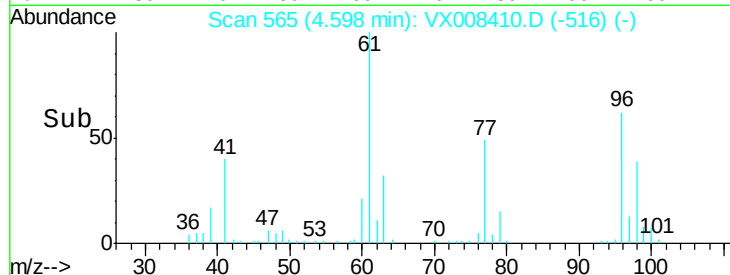
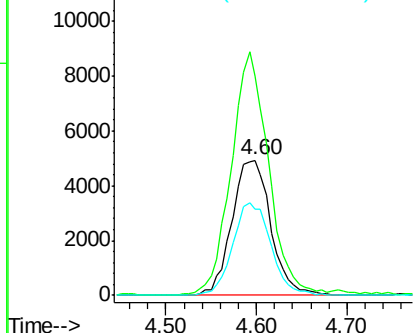
cis-1,2-Dichloroethene
Concen: 5.105 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 14672
Ion Ratio Lower Upper
96 100
61 172.9 0.0 325.6
98 67.1 0.0 130.0



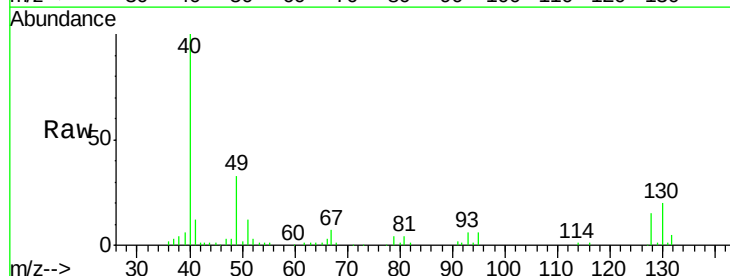
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



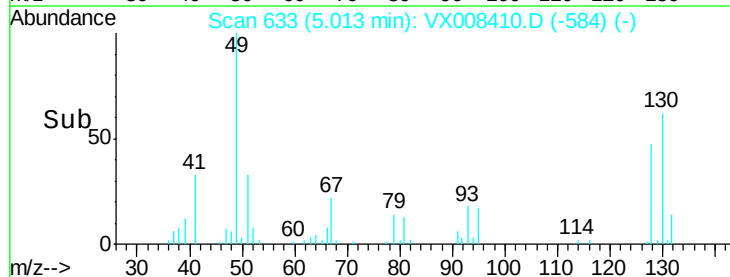
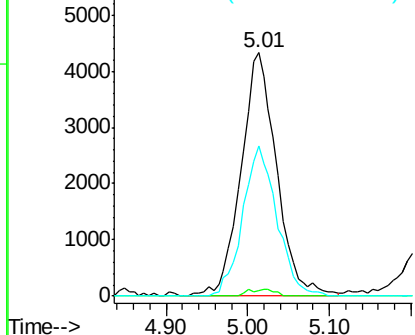
#28

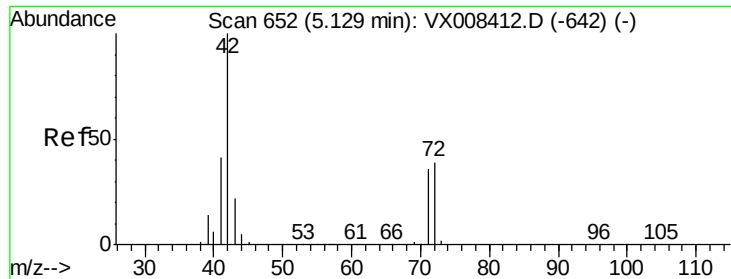
Bromochloromethane
Concen: 5.244 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 49 Resp: 13134
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.4
130 59.3 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

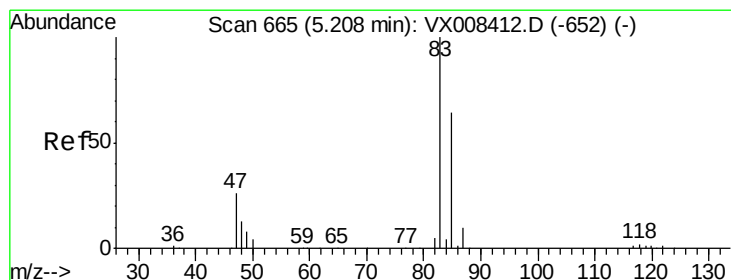
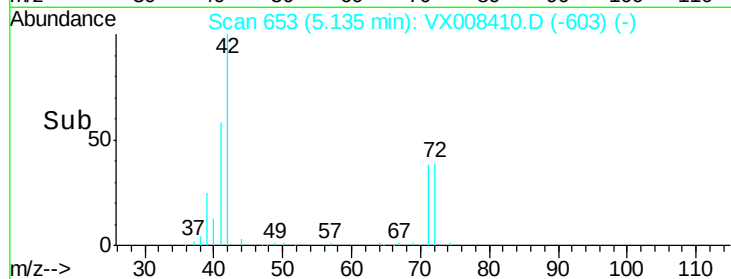
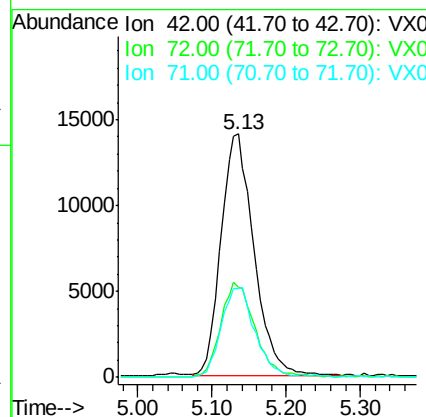
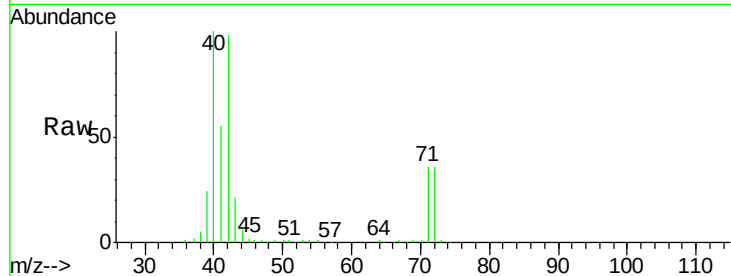




#29
Tetrahydrofuran
Concen: 25.647 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

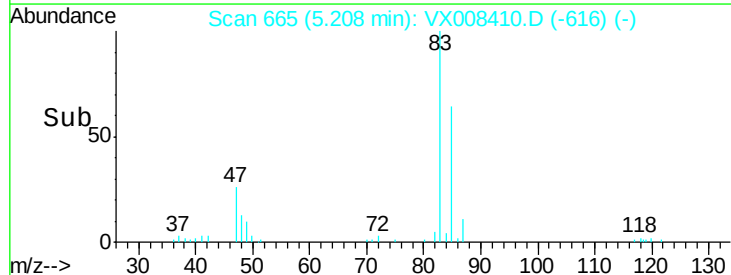
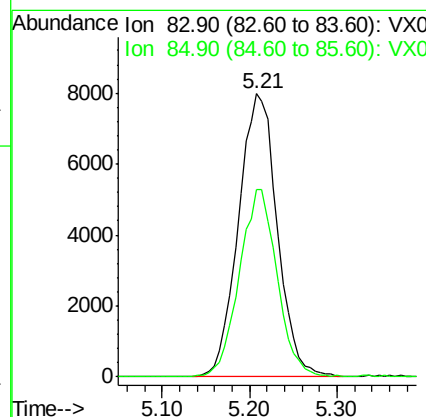
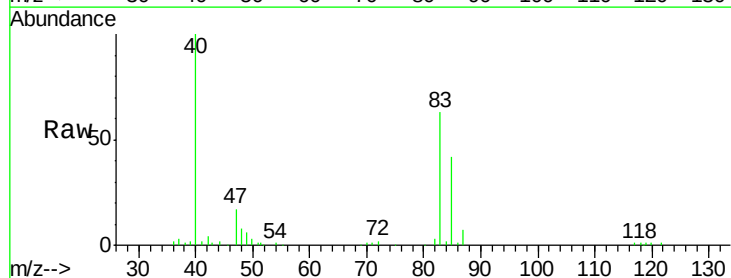
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

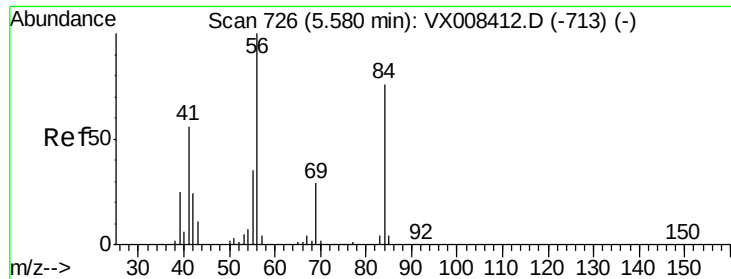
Tgt Ion: 42 Resp: 43244
Ion Ratio Lower Upper
42 100
72 41.2 31.4 47.2
71 37.9 29.4 44.2



#30
Chloroform
Concen: 5.348 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 83 Resp: 24561
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.2

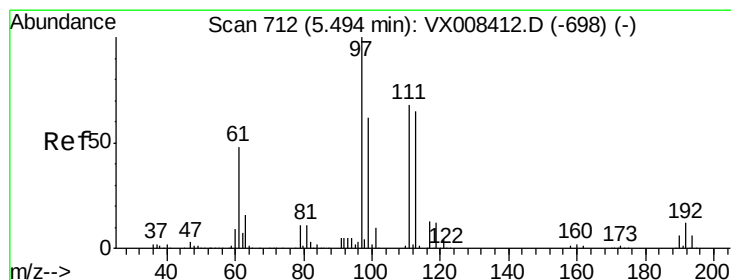
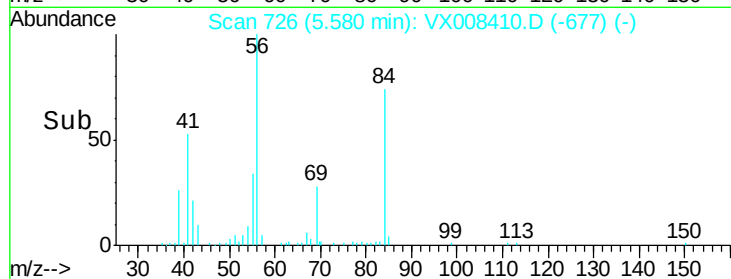
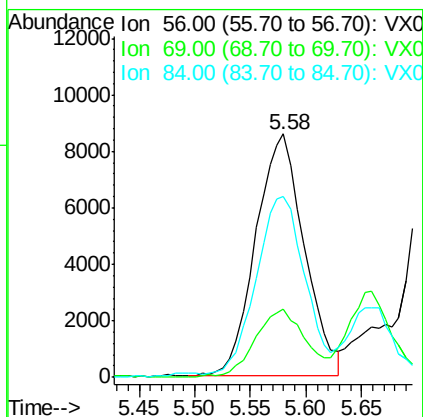
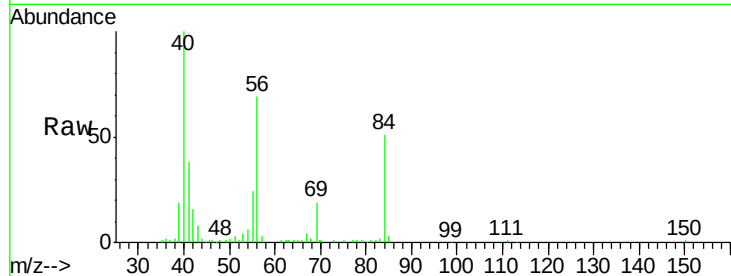




#31
Cyclohexane
Concen: 5.344 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

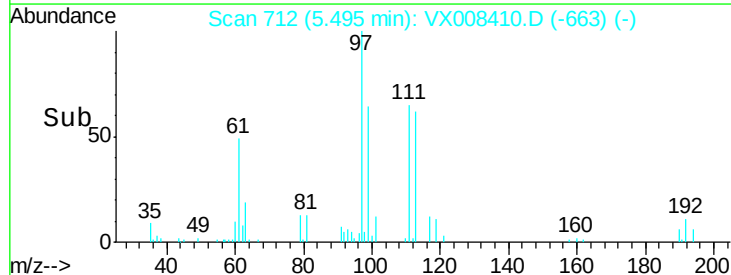
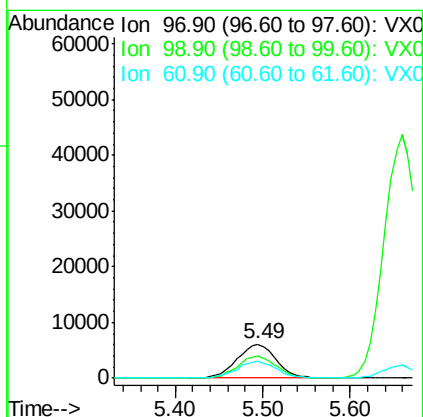
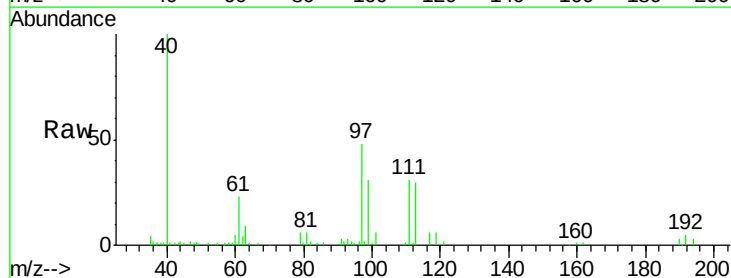
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

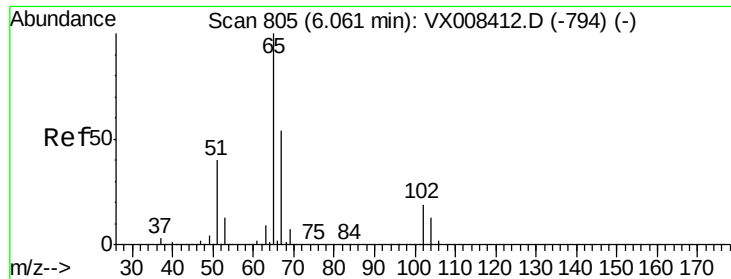
Tgt Ion: 56 Resp: 26041
Ion Ratio Lower Upper
56 100
69 28.1 23.2 34.8
84 73.2 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 5.156 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 97 Resp: 18775
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 49.8 38.8 58.2

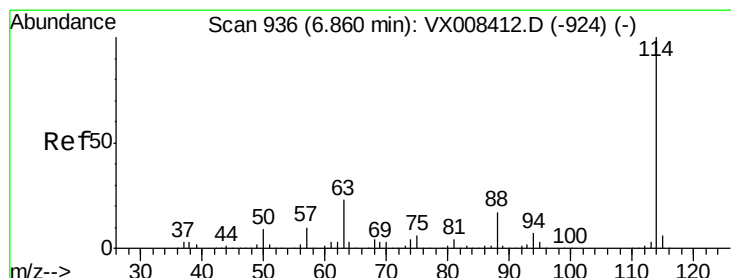
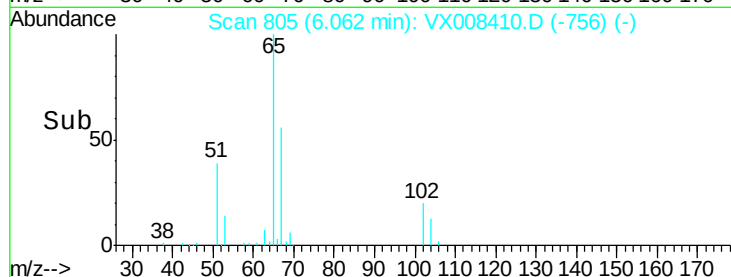
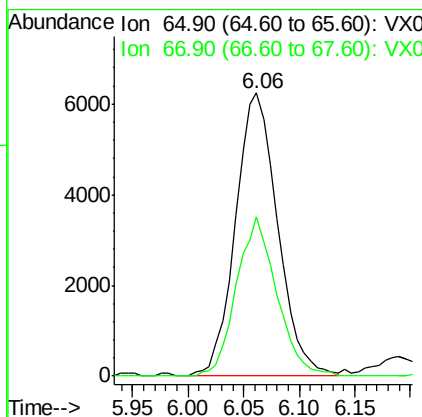
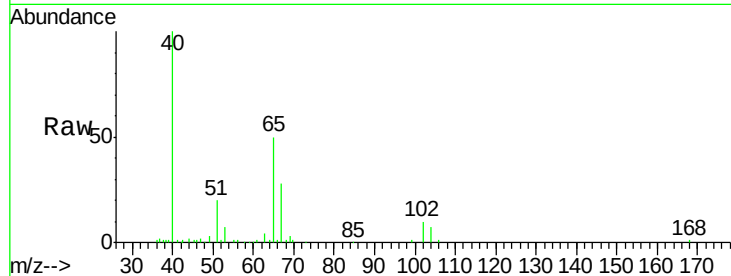




#33
 1,2-Dichloroethane-d4
 Concen: 5.326 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

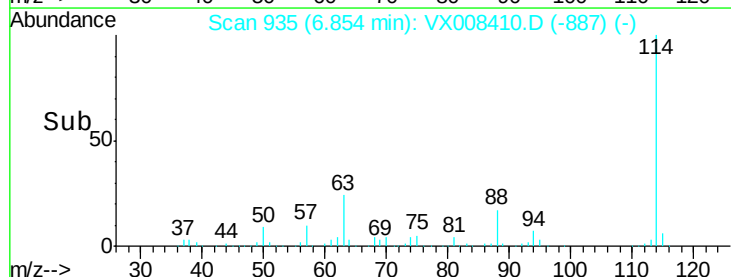
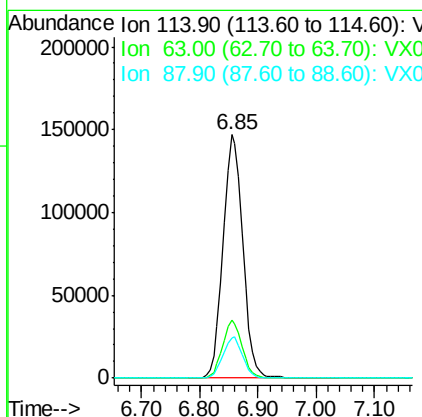
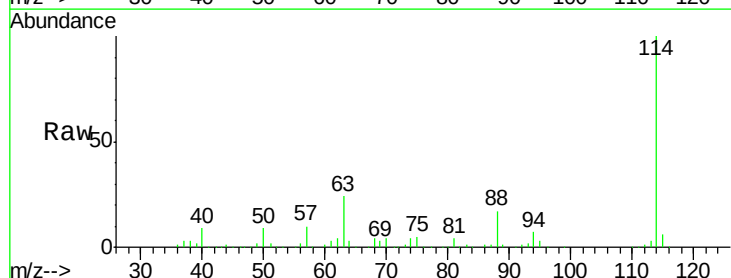
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

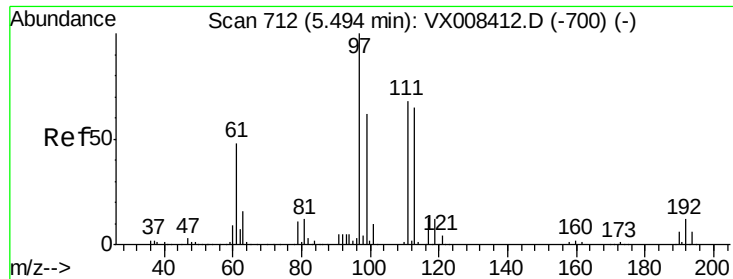
Tgt Ion: 65 Resp: 16473
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 114 Resp: 347651
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 16.6 0.0 33.2

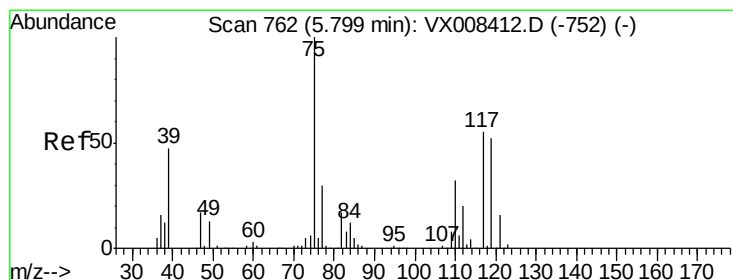
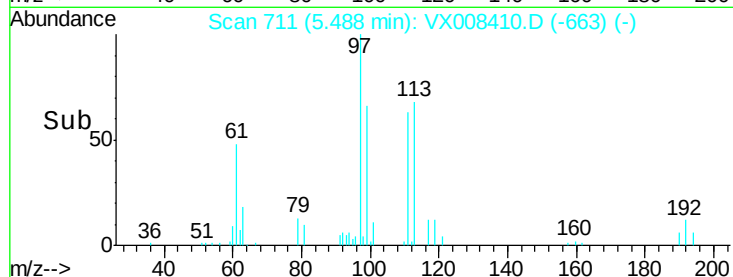
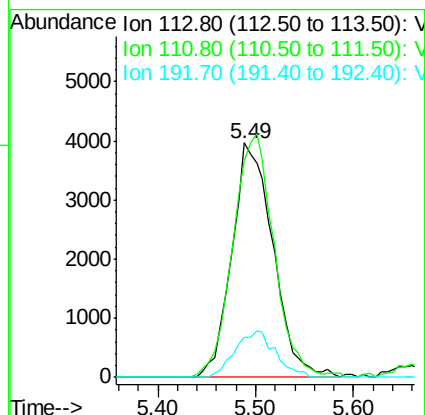
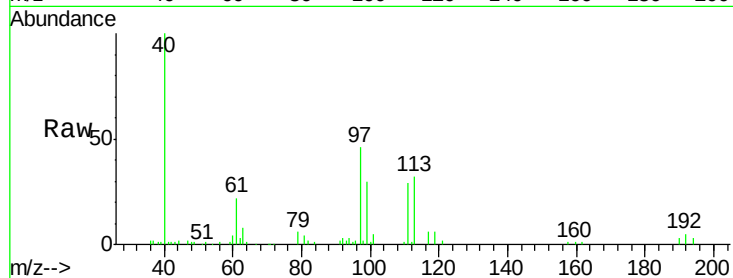




#35
Dibromofluoromethane
Concen: 5.153 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

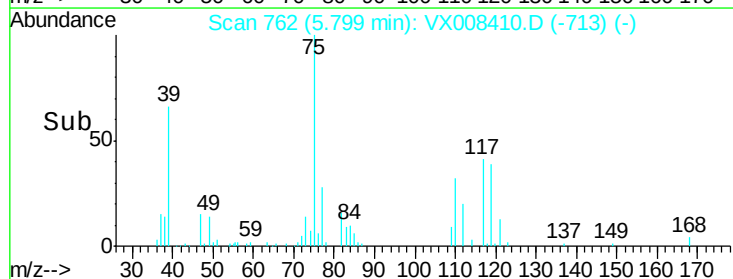
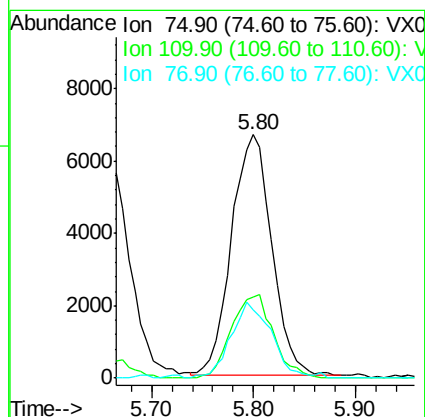
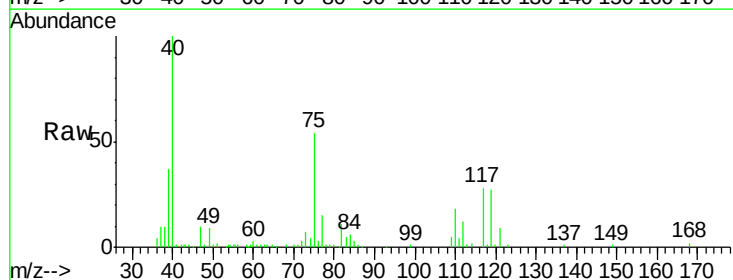
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

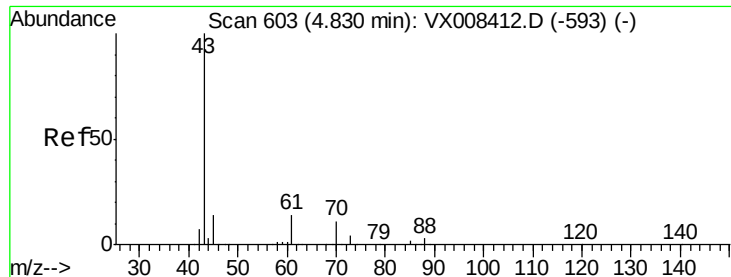
Tgt Ion:113 Resp: 11585
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.4
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.143 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 75 Resp: 18243
Ion Ratio Lower Upper
75 100
110 35.9 16.6 49.7
77 32.1 24.2 36.2

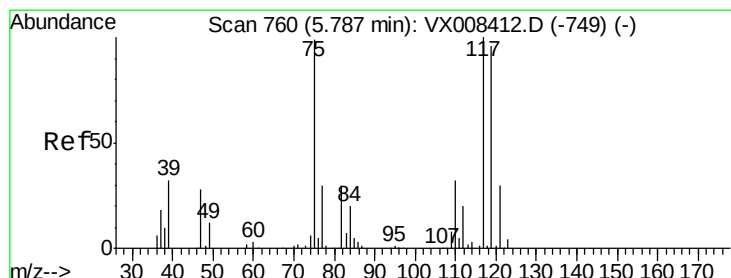
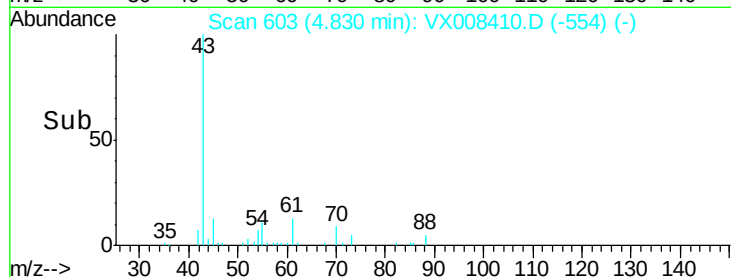
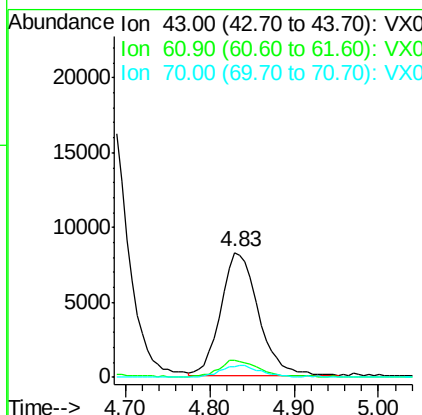
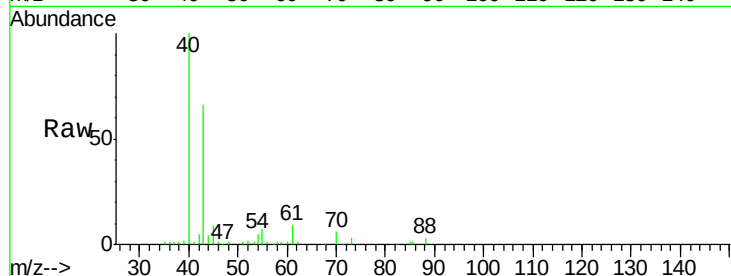




#37
Ethyl Acetate
Concen: 5.179 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

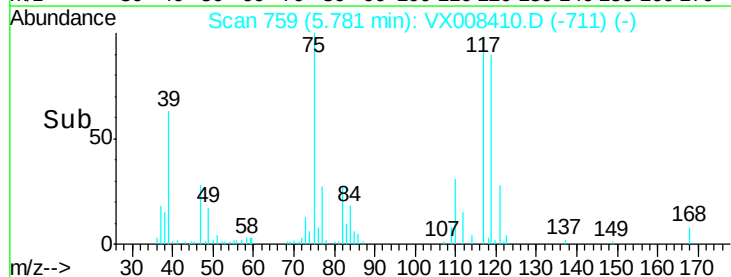
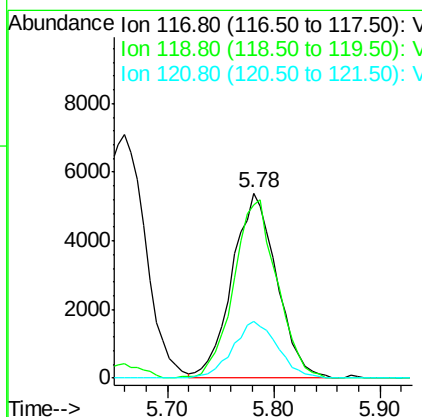
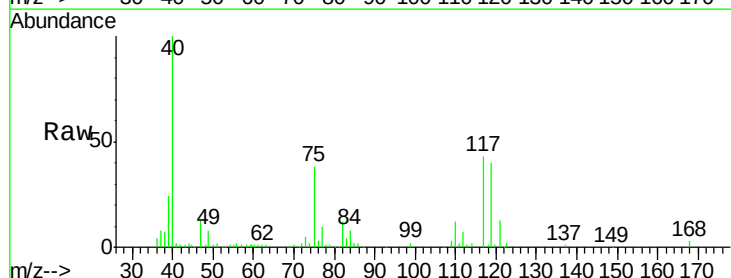
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

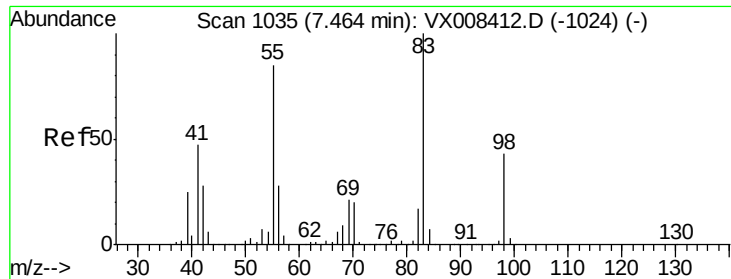
Tgt Ion: 43 Resp: 24759
Ion Ratio Lower Upper
43 100
61 15.9 10.5 15.7#
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 5.173 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 117 Resp: 15769
Ion Ratio Lower Upper
117 100
119 93.8 76.7 115.1
121 30.7 24.3 36.5

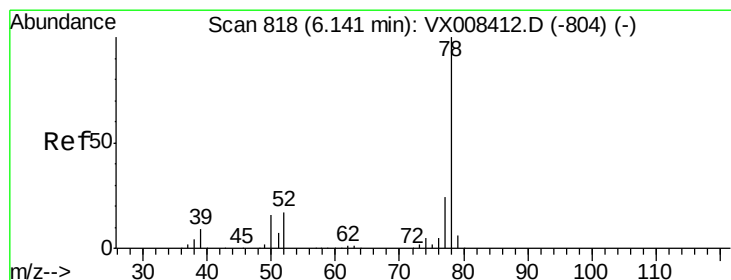
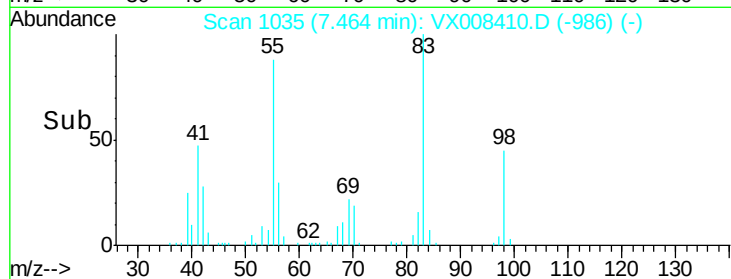
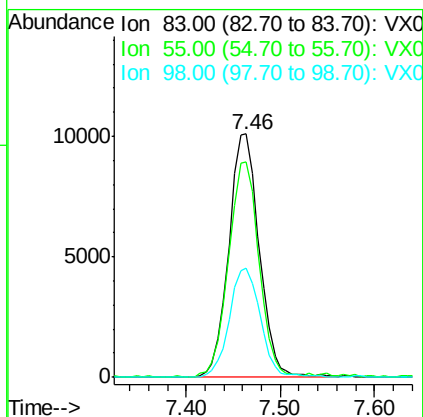
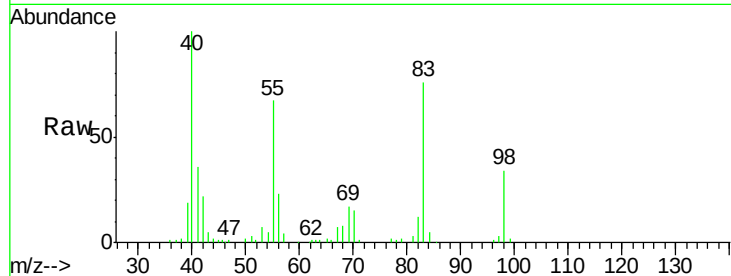




#39
Methylcyclohexane
Concen: 5.216 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

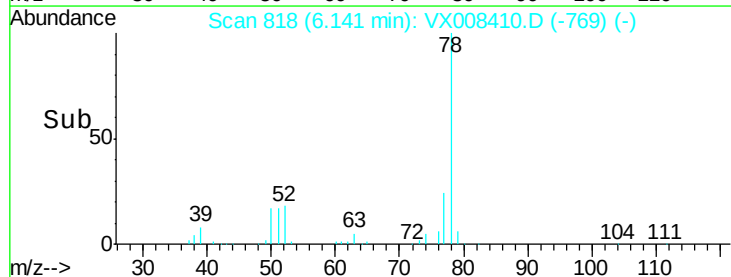
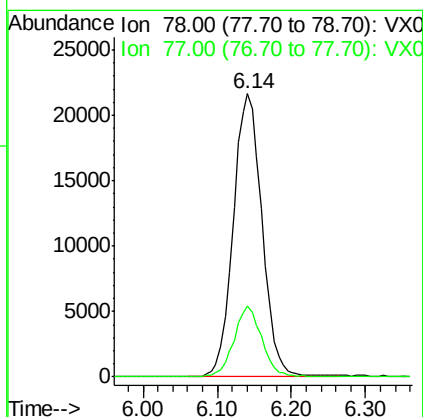
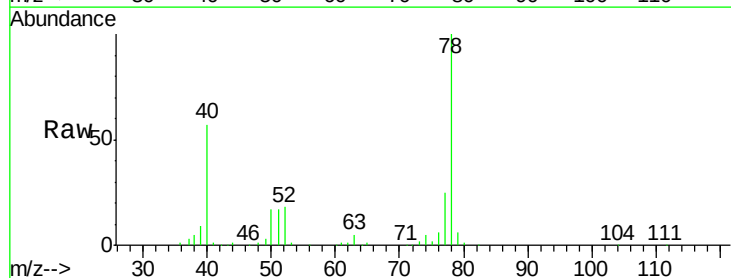
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

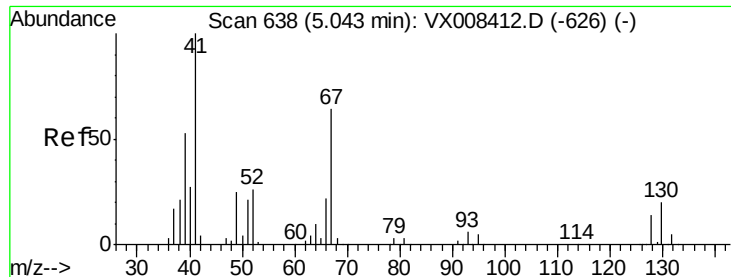
Tgt Ion: 83 Resp: 22694
Ion Ratio Lower Upper
83 100
55 88.4 68.2 102.4
98 44.9 34.2 51.4



#40
Benzene
Concen: 5.426 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 78 Resp: 58677
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9

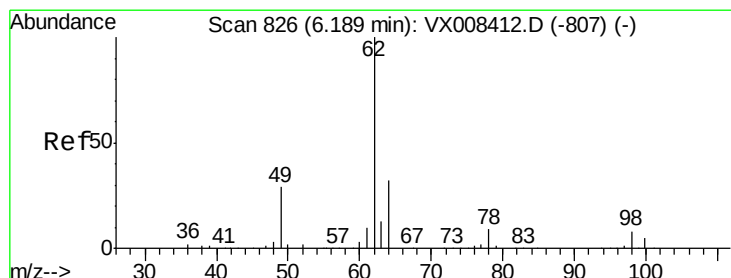
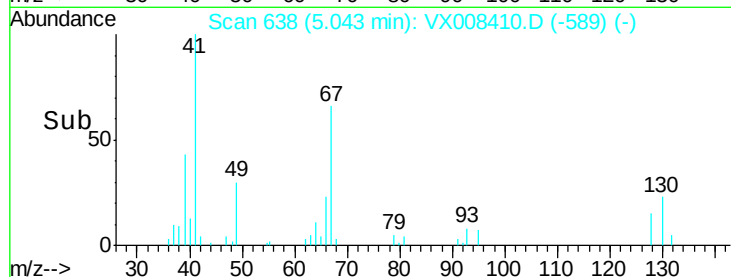
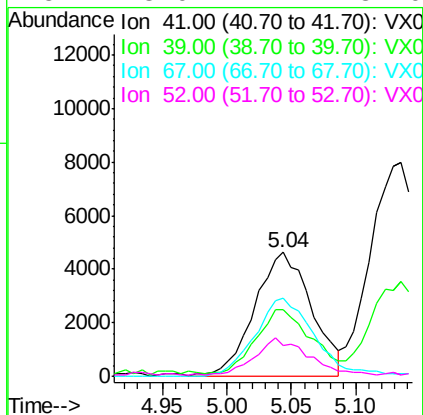
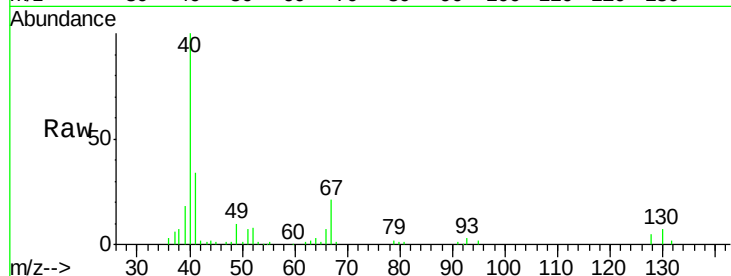




#41
Methacrylonitrile
Concen: 5.444 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

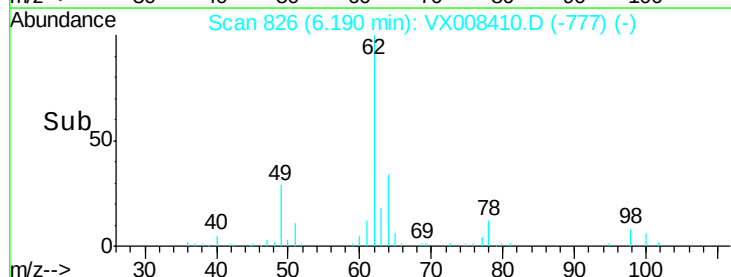
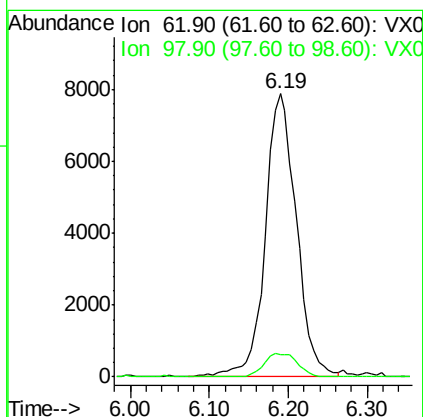
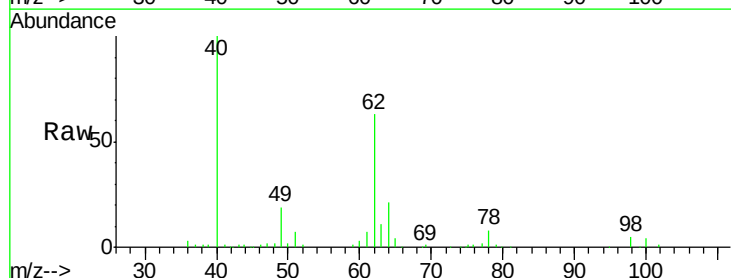
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

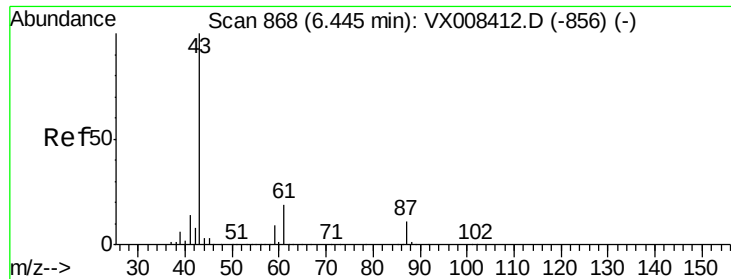
Tgt Ion:	41	Resp:	14215
Ion	Ratio	Lower	Upper
41	100		
39	50.6	42.6	64.0
67	66.5	52.2	78.4
52	28.0	21.4	32.0



#42
1,2-Dichloroethane
Concen: 5.493 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion:	62	Resp:	21562
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 5.056 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

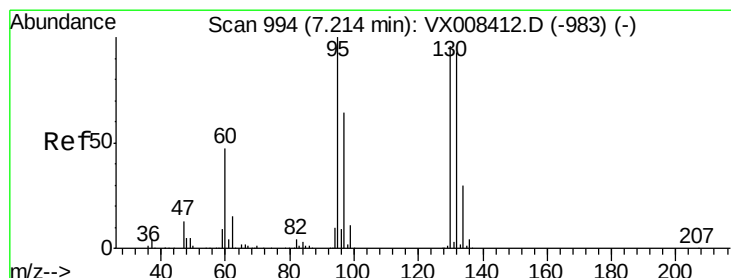
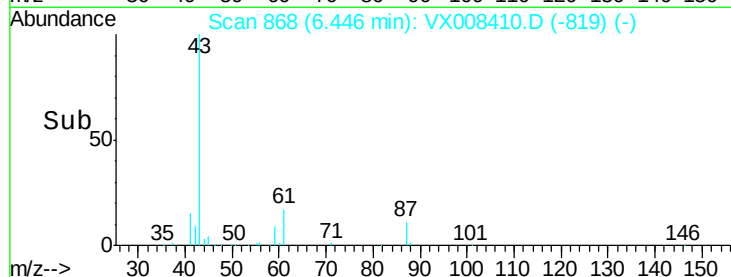
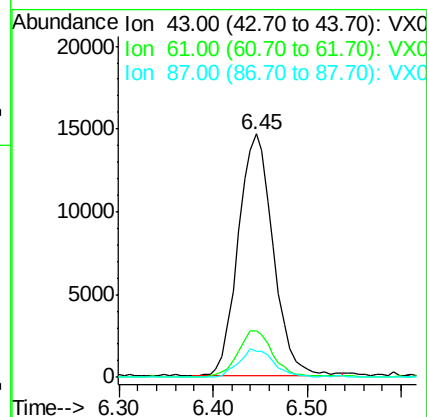
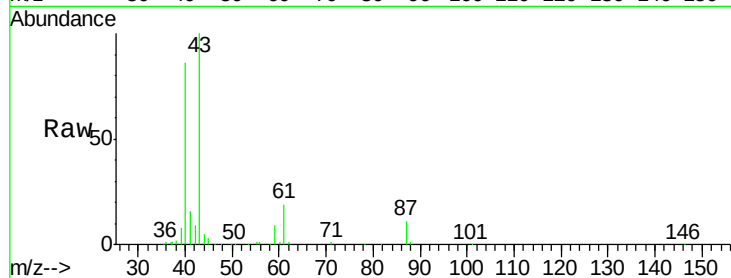
Tgt Ion: 43 Resp: 37738

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.2

87 11.7 9.1 13.7



#44

Trichloroethene

Concen: 5.321 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008410.D

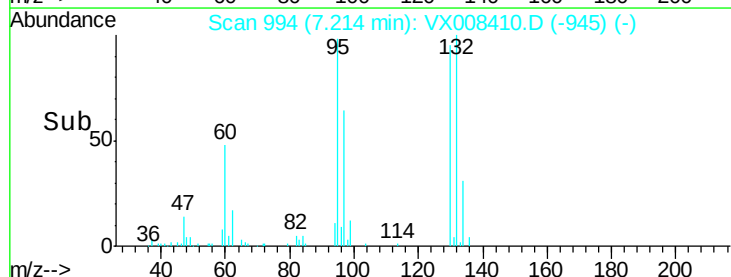
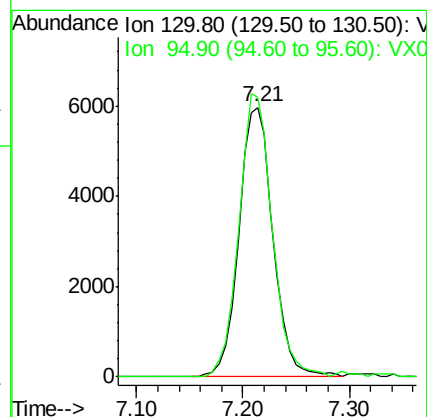
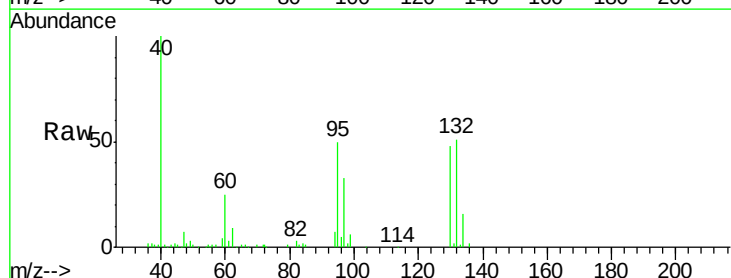
Acq: 25 Mar 2019 14:07

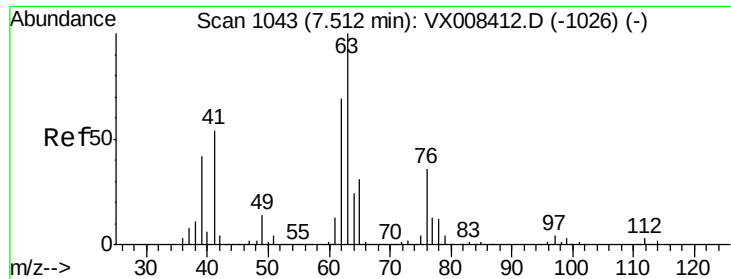
Tgt Ion: 130 Resp: 13375

Ion Ratio Lower Upper

130 100

95 103.7 0.0 208.8

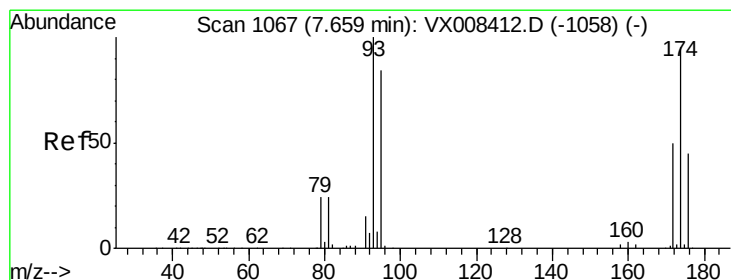
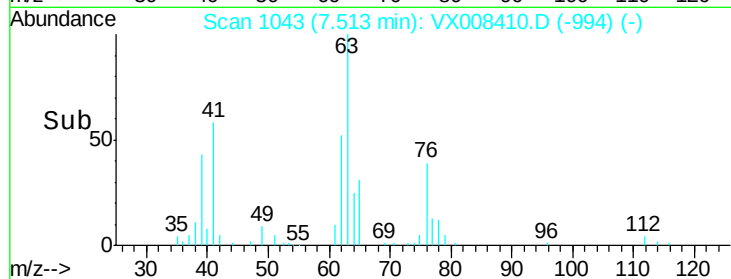
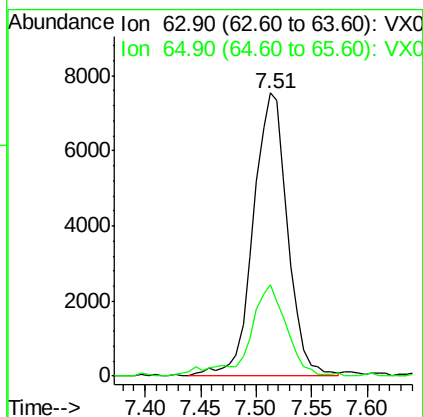
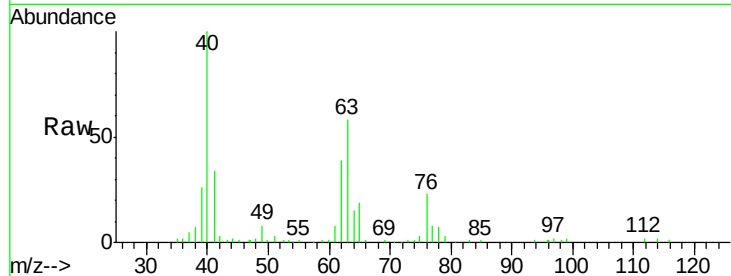




#45
 1,2-Dichloropropane
 Concen: 5.301 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

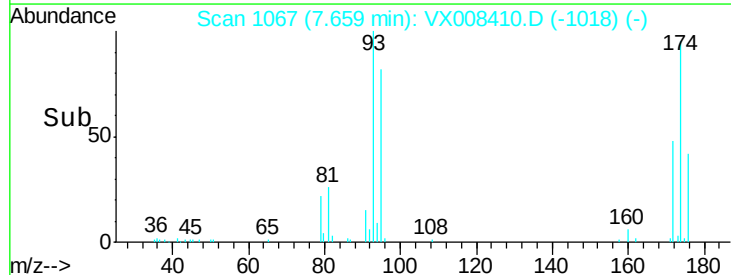
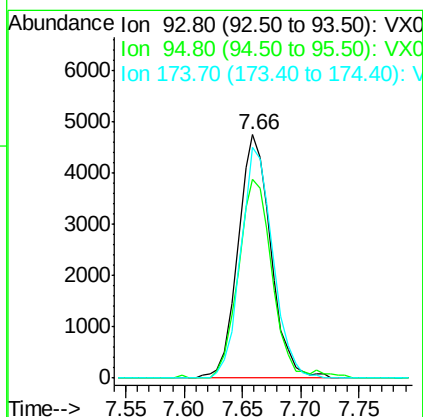
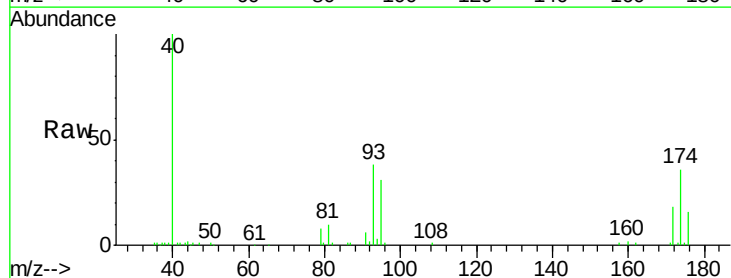
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

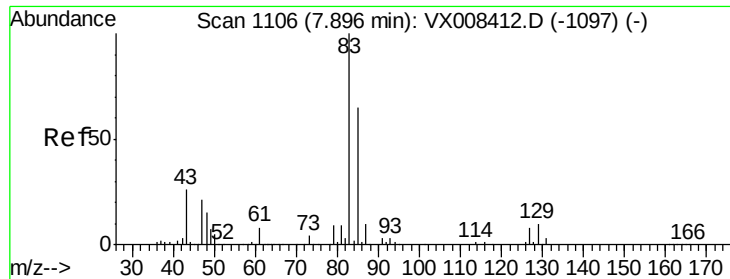
Tgt Ion: 63 Resp: 16231
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 5.102 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 93 Resp: 9252
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 93.2 76.0 114.0





#47

Bromodichloromethane

Concen: 5.080 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

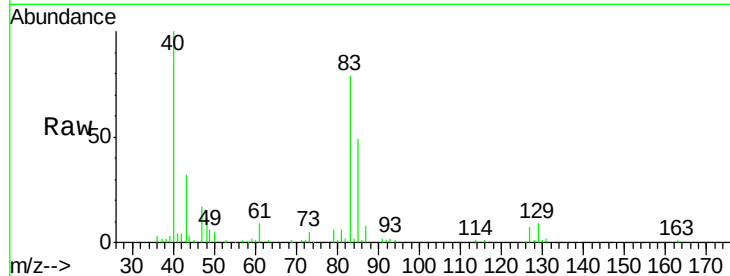
Tgt Ion: 83 Resp: 17604

Ion Ratio Lower Upper

83 100

85 61.4 52.0 78.0

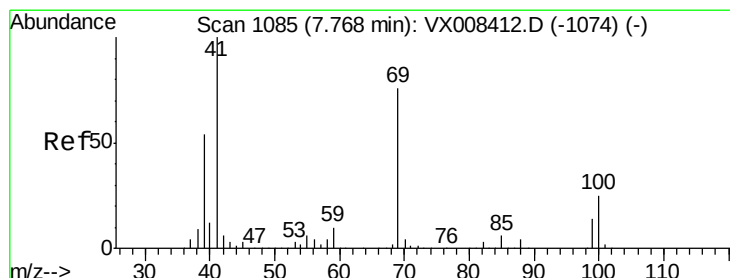
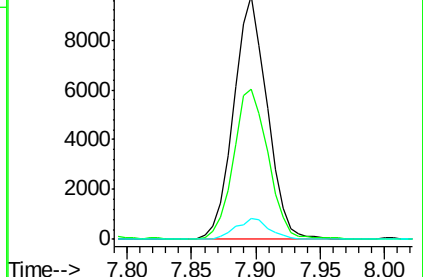
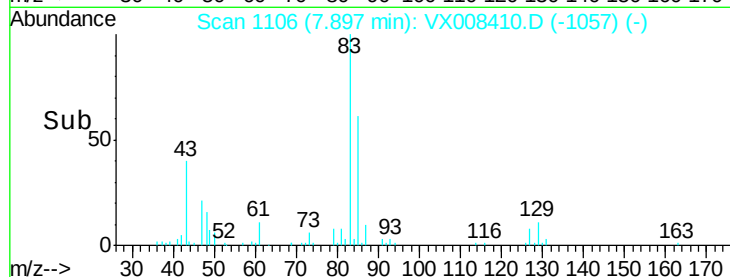
127 8.3 6.4 9.6



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: 5.142 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

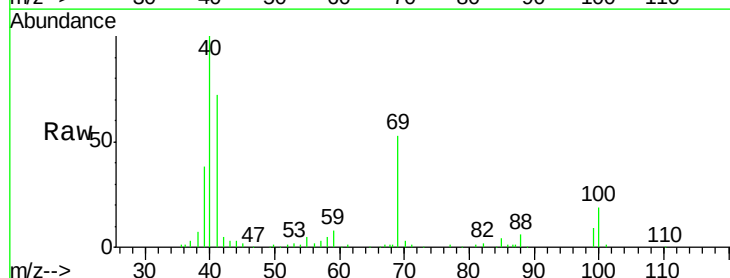
Tgt Ion: 41 Resp: 19433

Ion Ratio Lower Upper

41 100

69 76.7 60.8 91.2

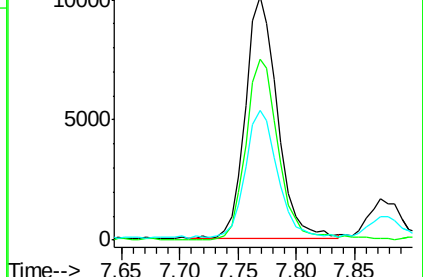
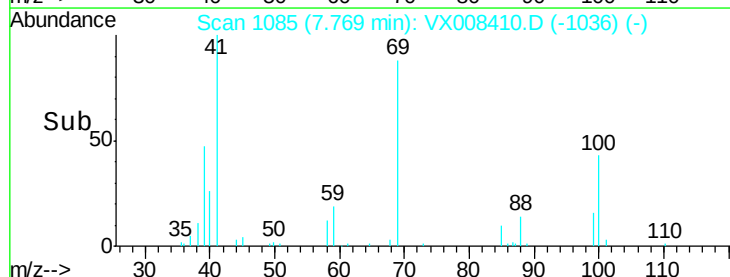
39 51.6 42.3 63.5

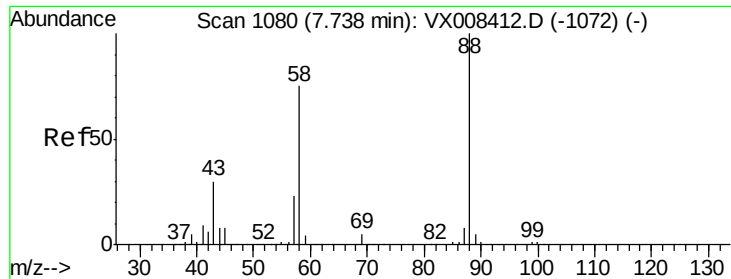


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

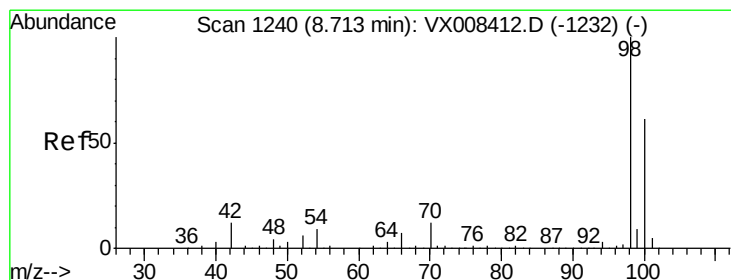
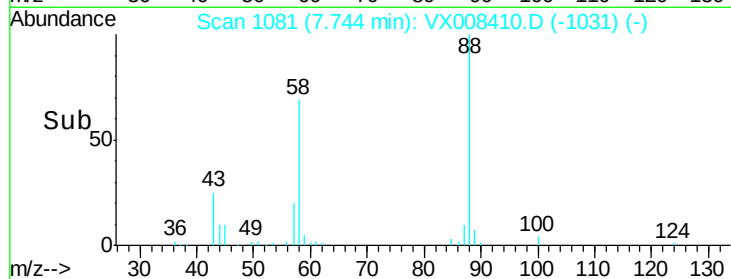
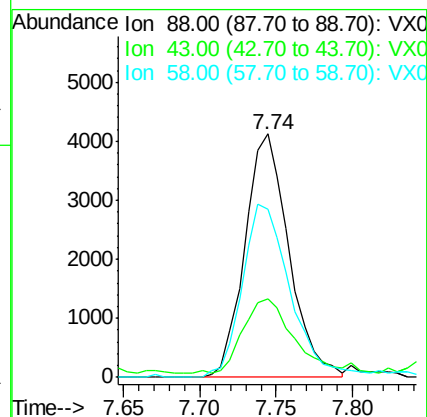
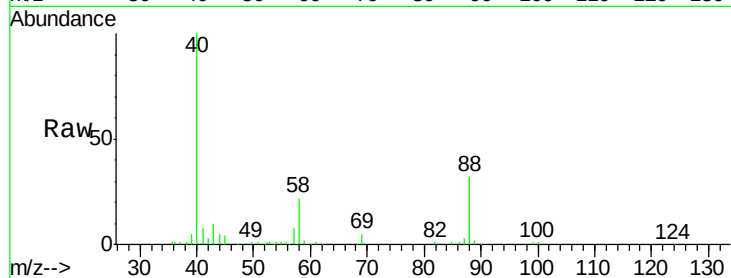




#49
1,4-Dioxane
Concen: 108.013 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

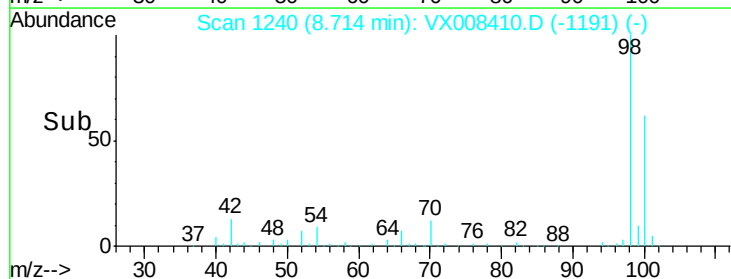
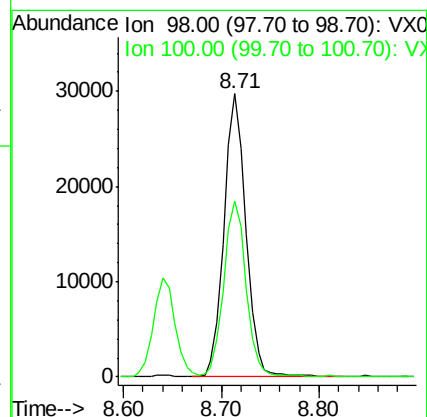
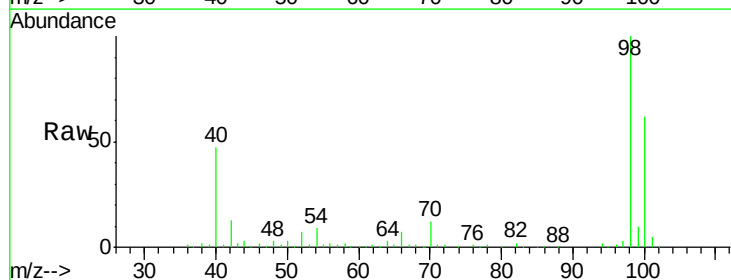
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

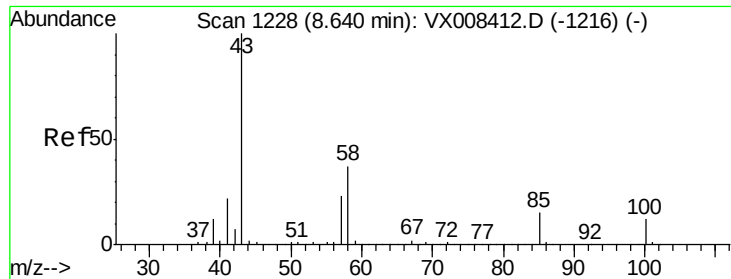
Tgt Ion: 88 Resp: 8240
Ion Ratio Lower Upper
88 100
43 35.9 28.6 43.0
58 77.5 63.0 94.4



#50
Toluene-d8
Concen: 5.202 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 98 Resp: 46490
Ion Ratio Lower Upper
98 100
100 62.6 51.1 76.7

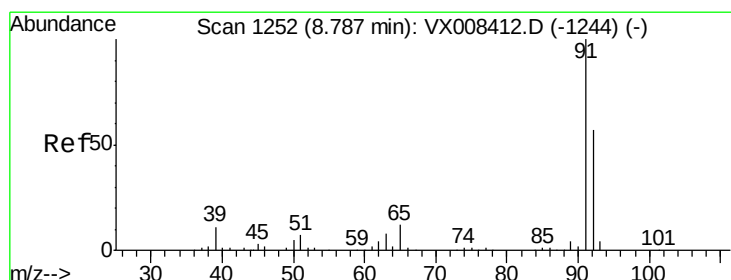
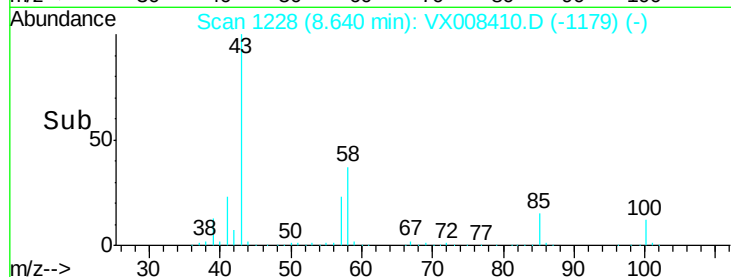
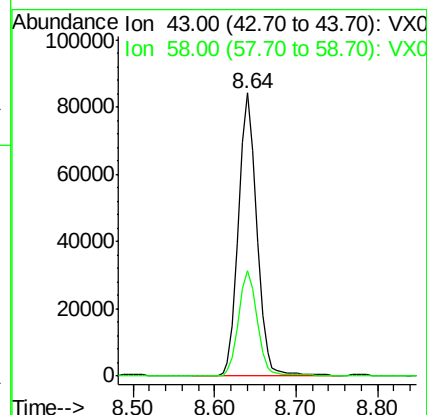
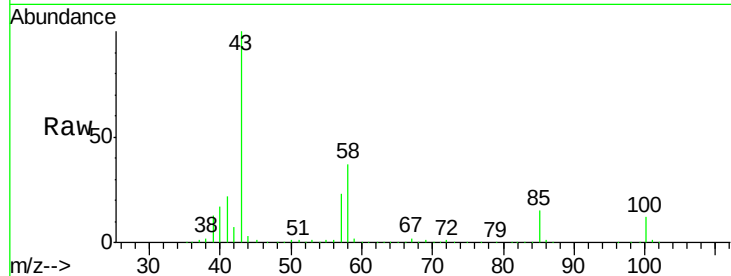




#51
 4-Methyl-2-Pentanone
 Concen: 26.437 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

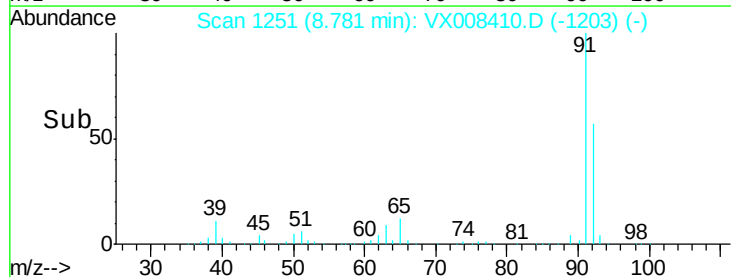
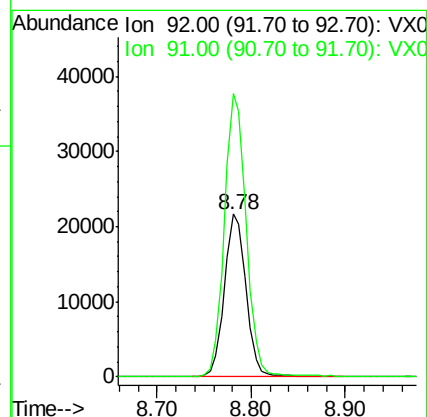
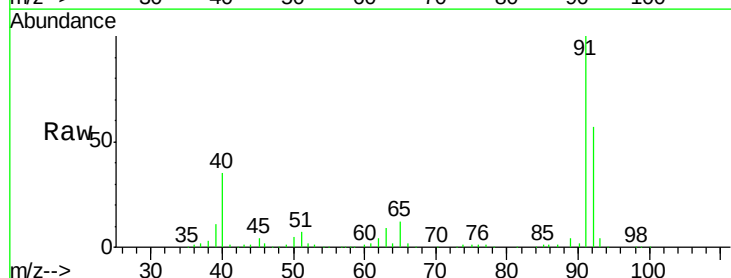
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

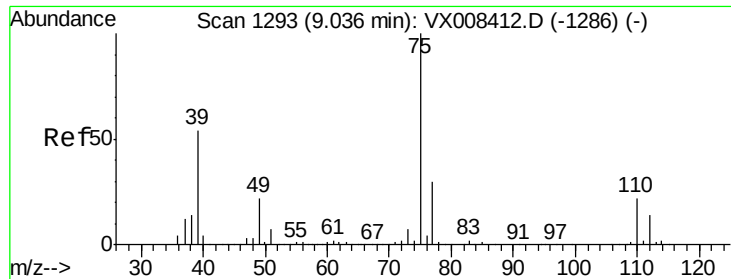
Tgt Ion: 43 Resp: 129994
 Ion Ratio Lower Upper
 43 100
 58 37.5 29.8 44.8



#52
 Toluene
 Concen: 5.443 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 92 Resp: 34600
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.2 210.4

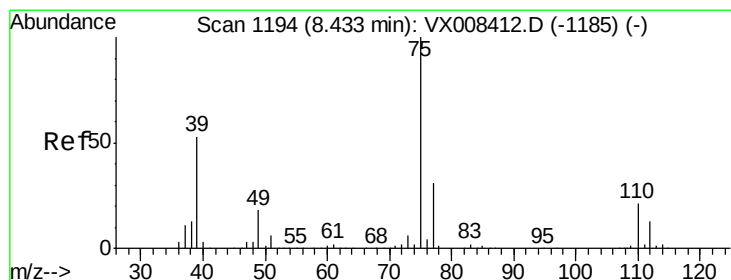
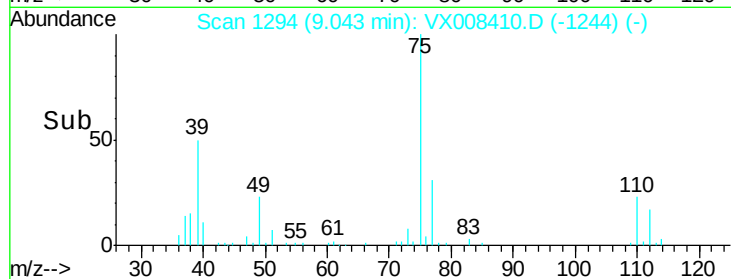
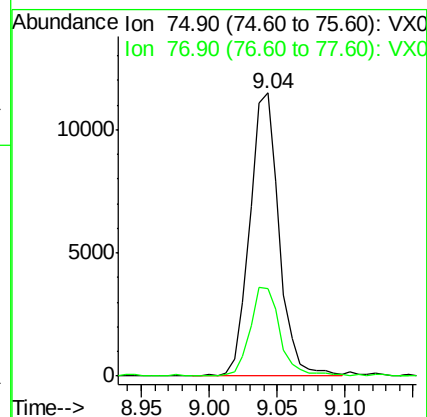
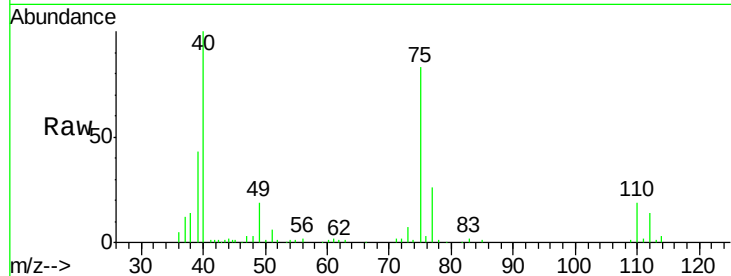




#53
 t-1,3-Dichloropropene
 Concen: 4.658 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

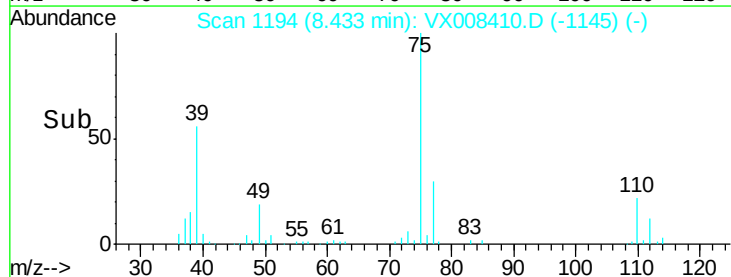
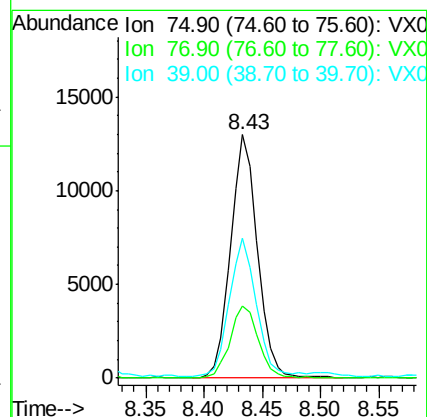
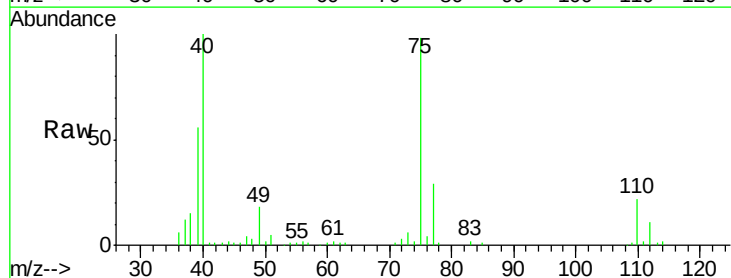
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

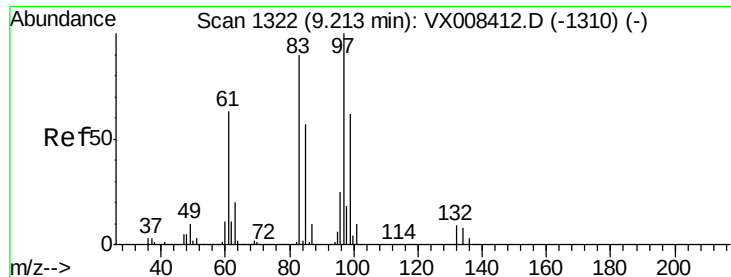
Tgt Ion: 75 Resp: 17388
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.944 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 75 Resp: 20853
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.7 37.1
 39 56.5 42.4 63.6

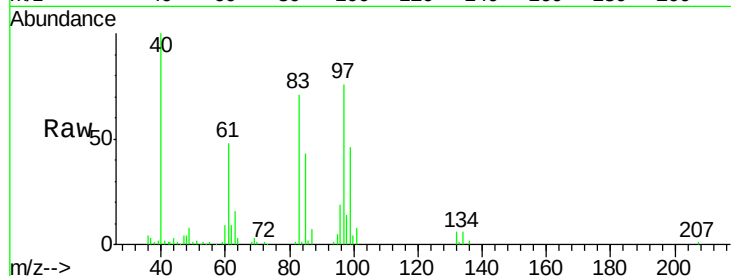




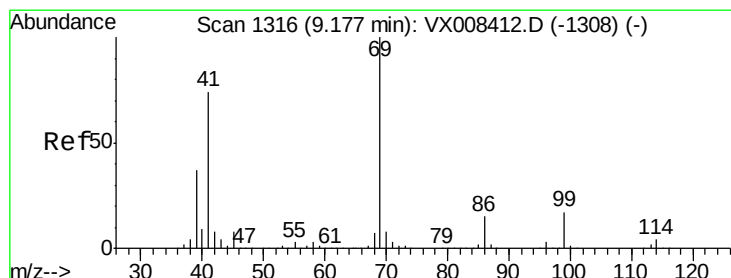
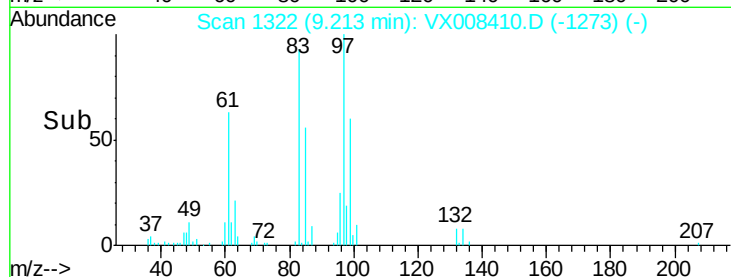
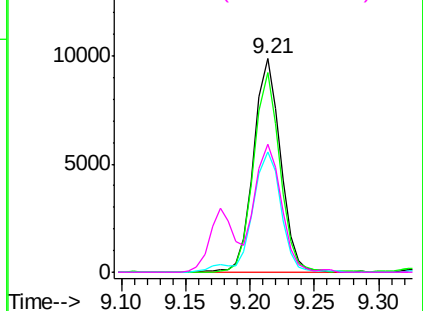
#55
 1,1,2-Trichloroethane
 Concen: 5.390 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 97 Resp: 14231
 Ion Ratio Lower Upper
 97 100
 83 93.3 71.8 107.6
 85 56.1 45.9 68.9
 99 59.7 49.4 74.0

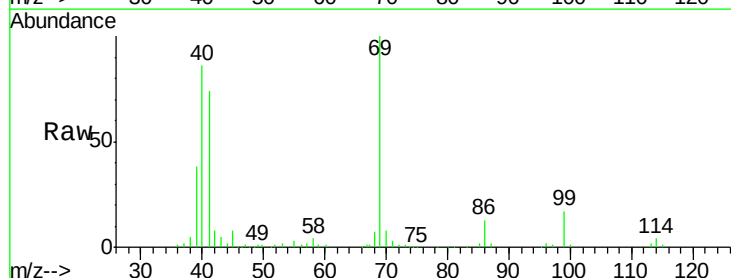


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

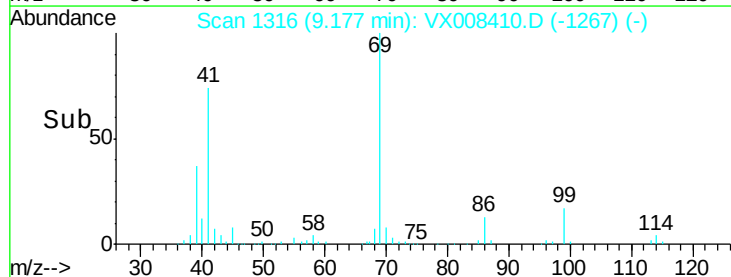
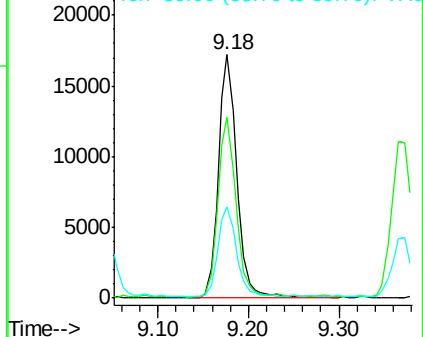


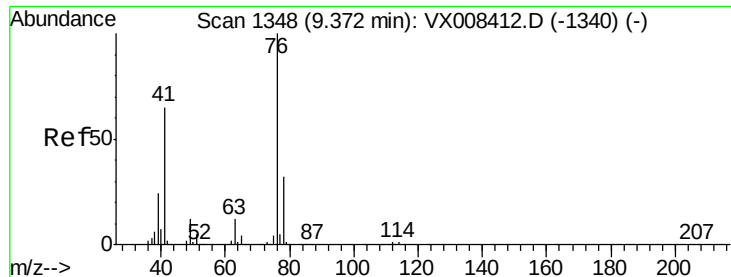
#56
 Ethyl methacrylate
 Concen: 5.263 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 69 Resp: 24634
 Ion Ratio Lower Upper
 69 100
 41 71.6 59.5 89.3
 39 37.2 29.3 43.9



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

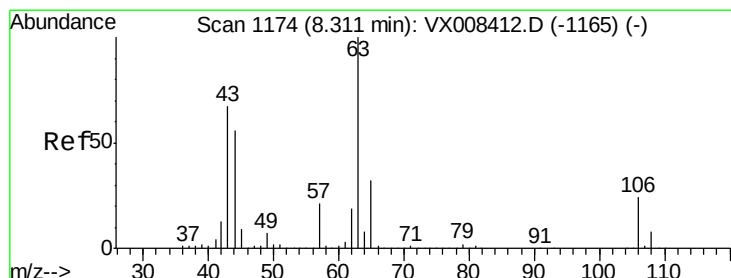
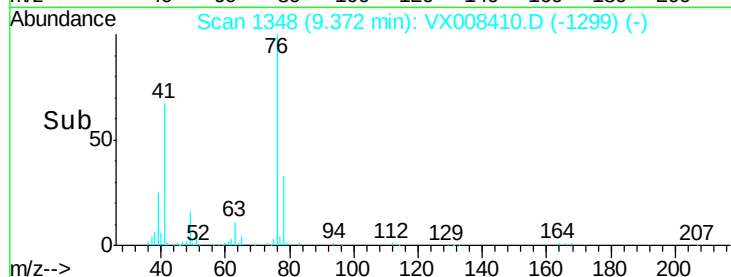
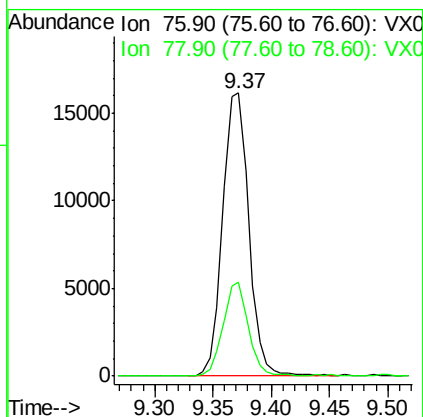
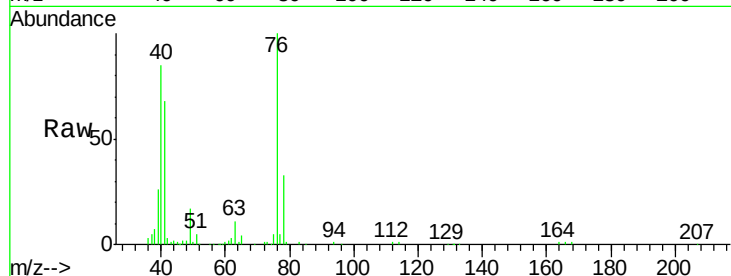




#57
 1,3-Dichloropropane
 Concen: 5.357 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

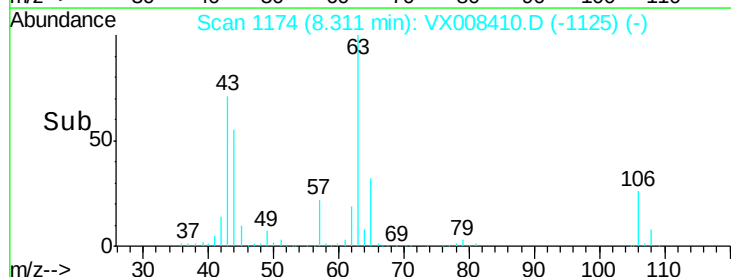
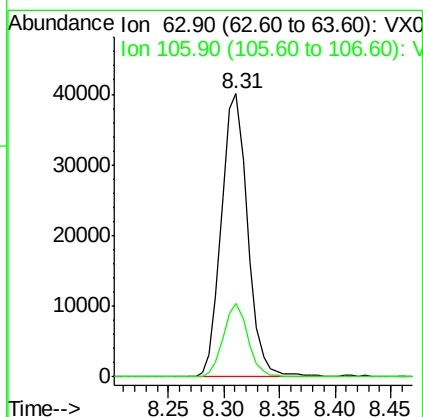
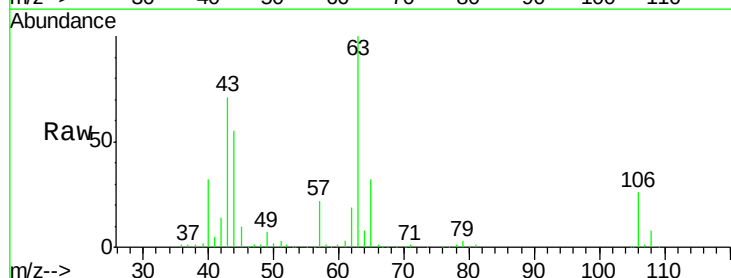
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

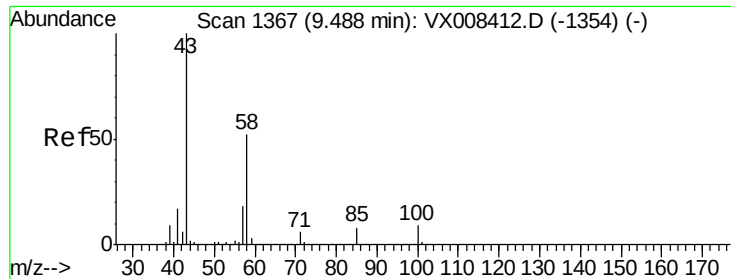
Tgt Ion: 76 Resp: 25151
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.272 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 63 Resp: 65698
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.0 28.6

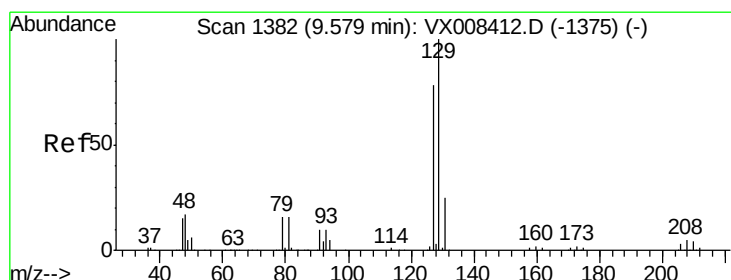
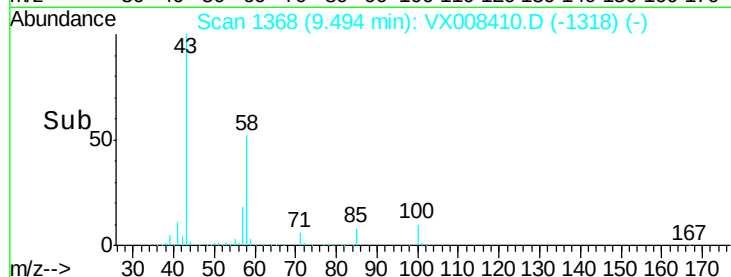
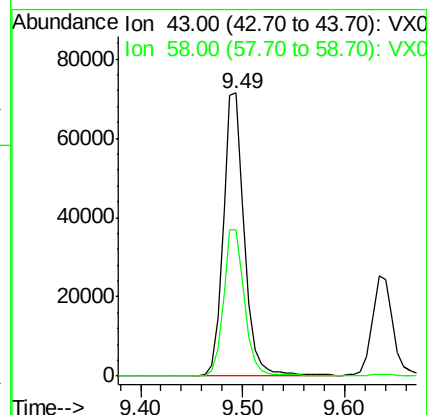
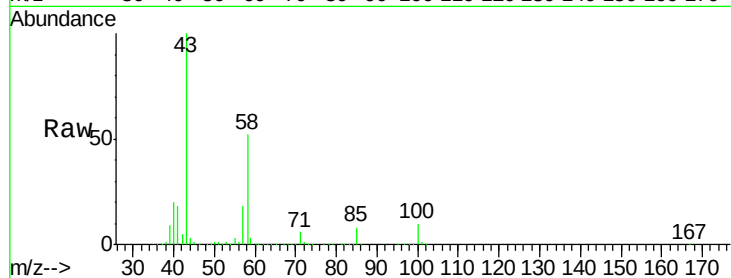




#59
2-Hexanone
Concen: 27.023 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

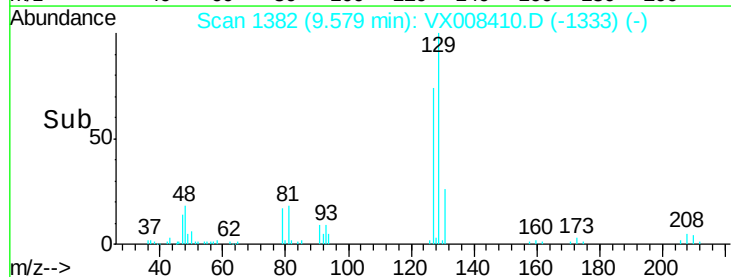
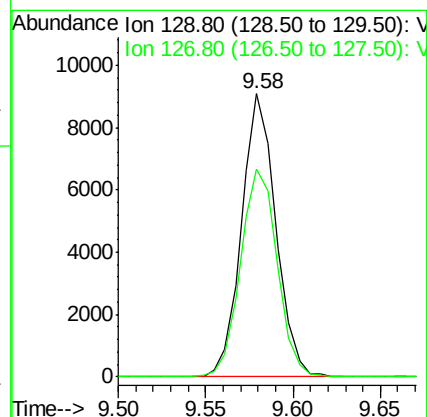
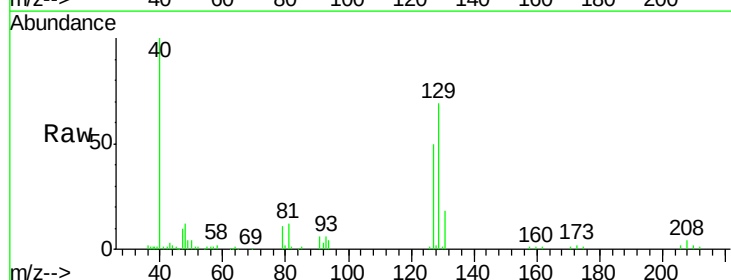
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

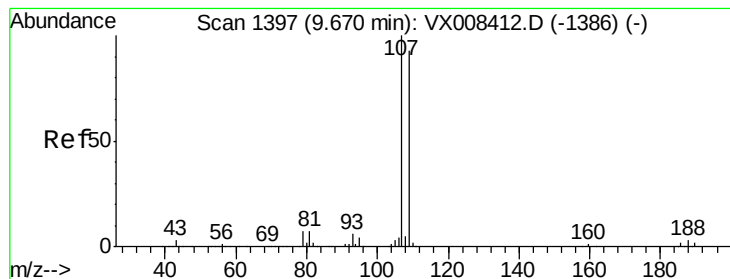
Tgt Ion: 43 Resp: 102521
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9



#60
Dibromochloromethane
Concen: 5.031 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 129 Resp: 12342
Ion Ratio Lower Upper
129 100
127 78.6 38.1 114.3





#61

1,2-Dibromoethane

Concen: 5.241 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

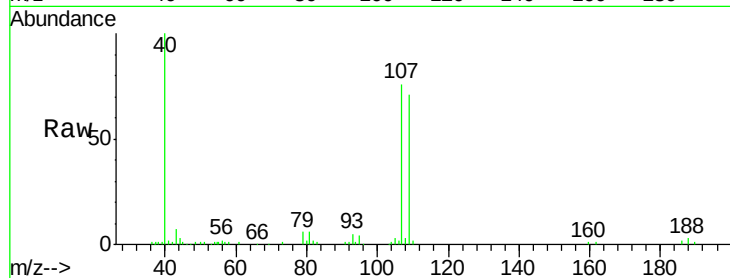
VSTDIC005

Tgt Ion: 107 Resp: 14027

Ion Ratio Lower Upper

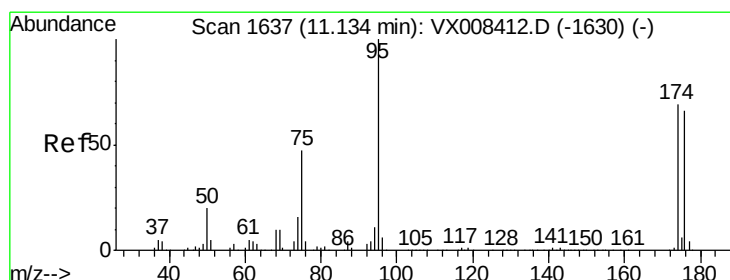
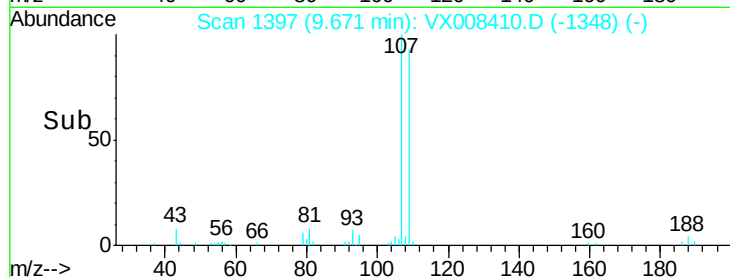
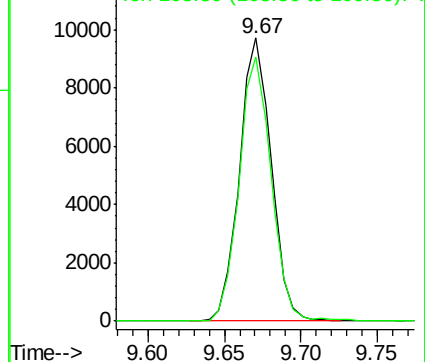
107 100

109 94.1 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: 4.996 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

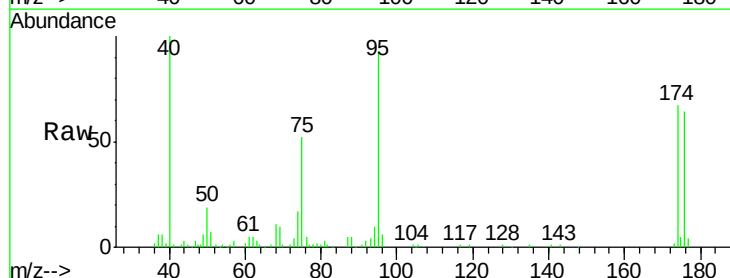
Tgt Ion: 95 Resp: 16502

Ion Ratio Lower Upper

95 100

174 73.2 0.0 147.2

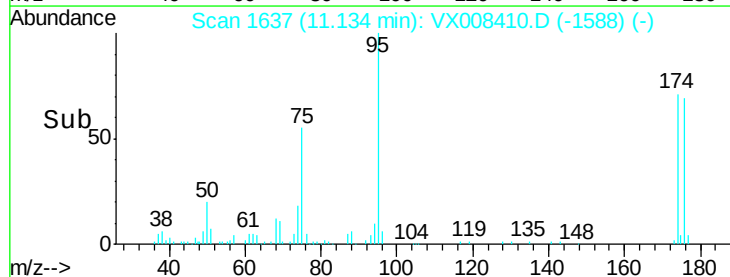
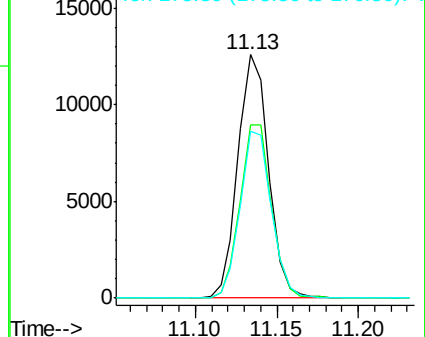
176 70.3 0.0 142.4

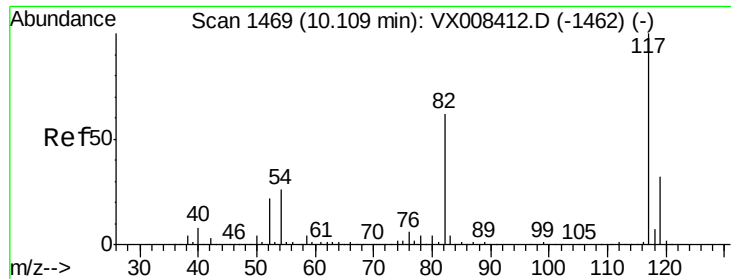


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

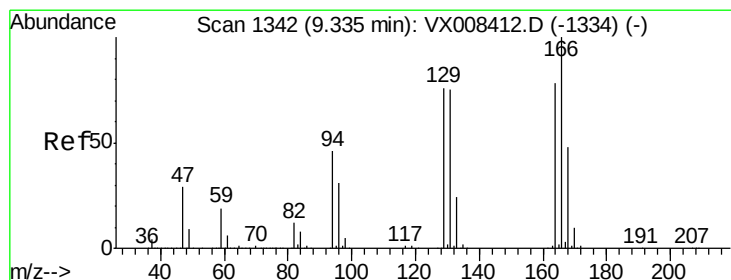
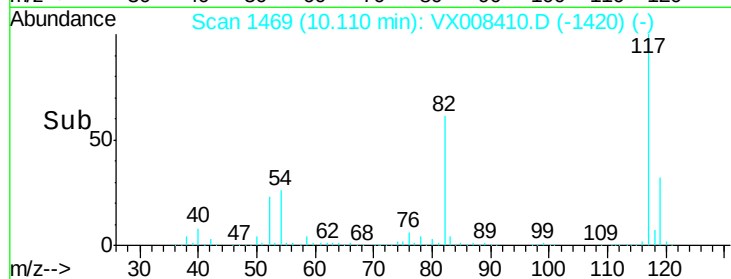
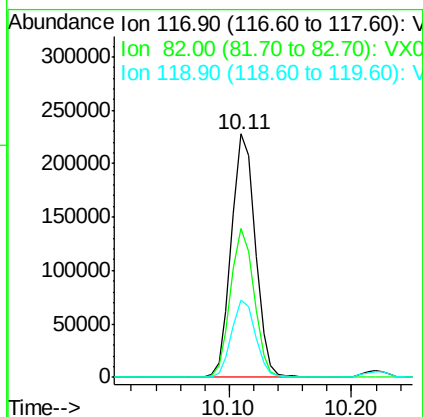
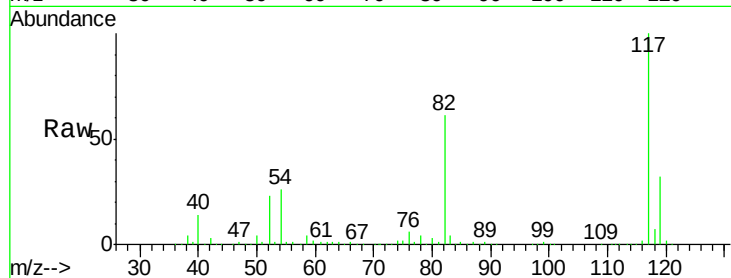




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

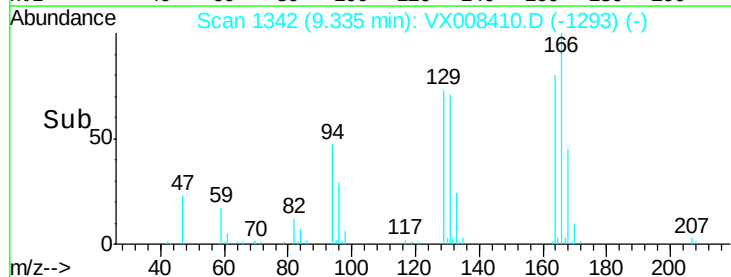
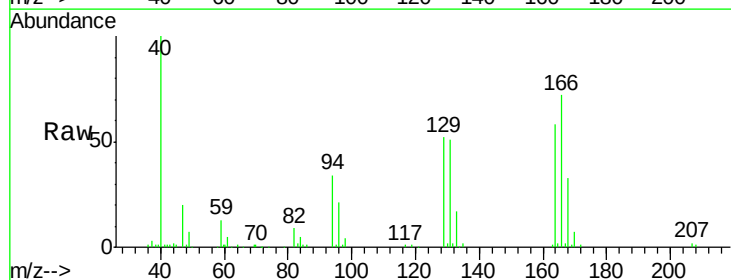
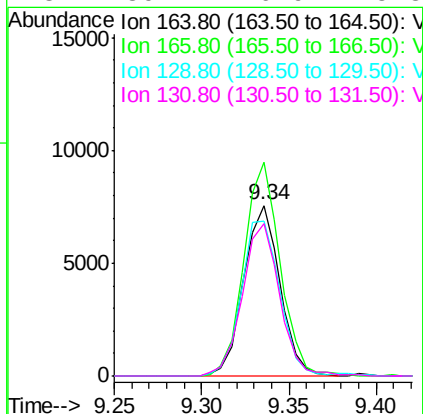
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

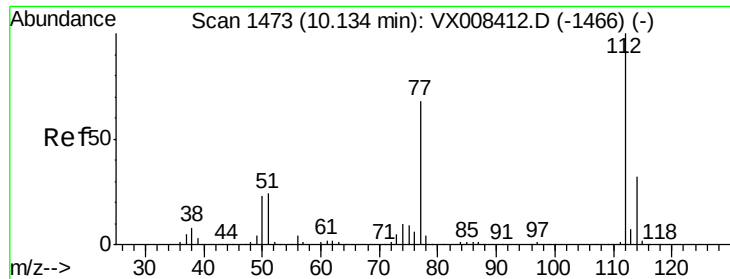
Tgt Ion:117 Resp: 307803
Ion Ratio Lower Upper
117 100
82 61.0 49.4 74.2
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 5.407 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion:164 Resp: 10892
Ion Ratio Lower Upper
164 100
166 125.0 102.5 153.7
129 90.8 77.8 116.8
131 89.2 76.9 115.3

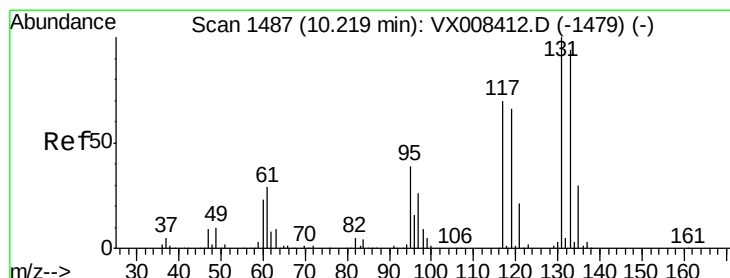
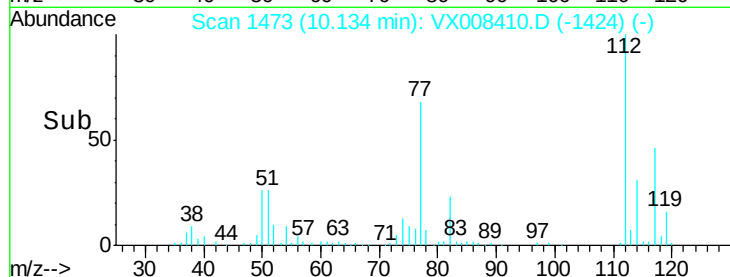
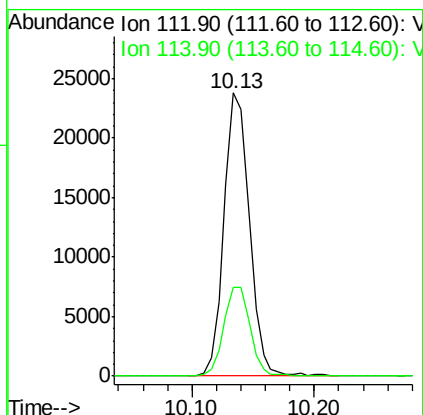
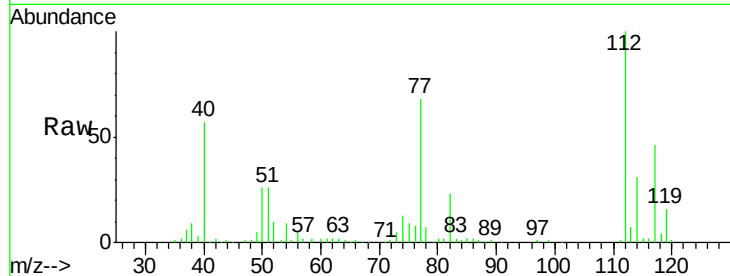




#65
Chlorobenzene
Concen: 5.293 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

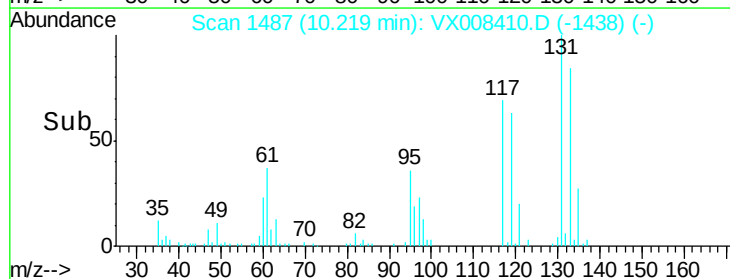
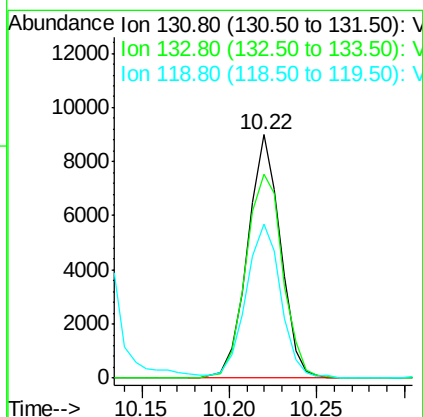
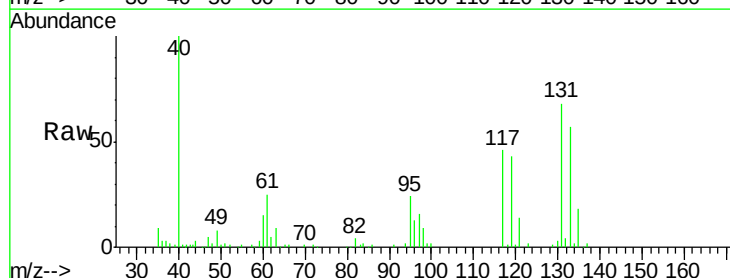
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

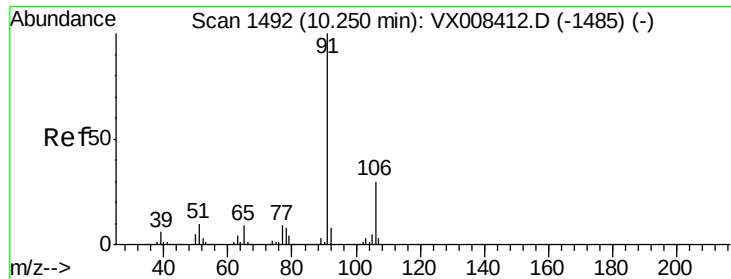
Tgt Ion:112 Resp: 34258
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.229 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion:131 Resp: 11744
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.8
119 67.0 33.6 100.6

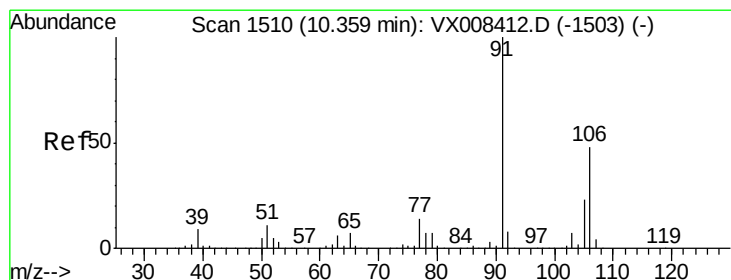
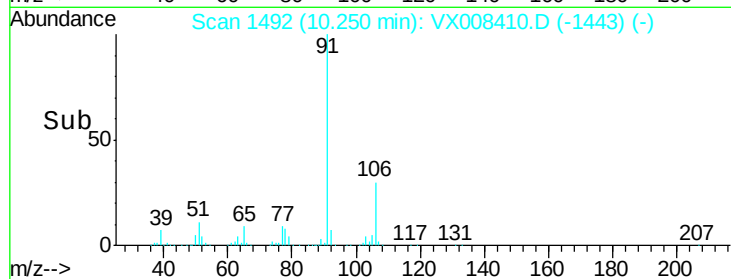
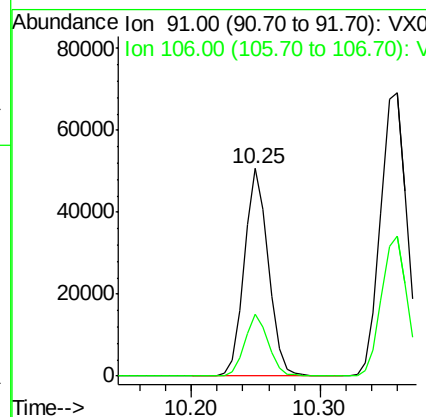
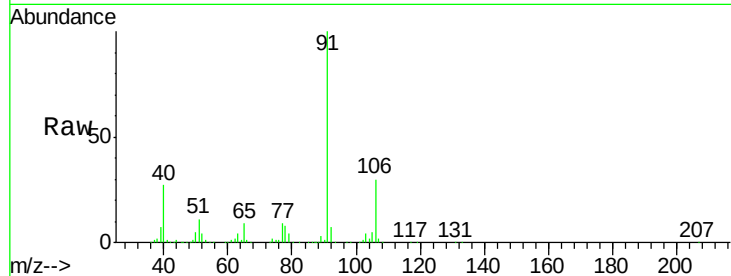




#67
Ethyl Benzene
Concen: 5.402 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

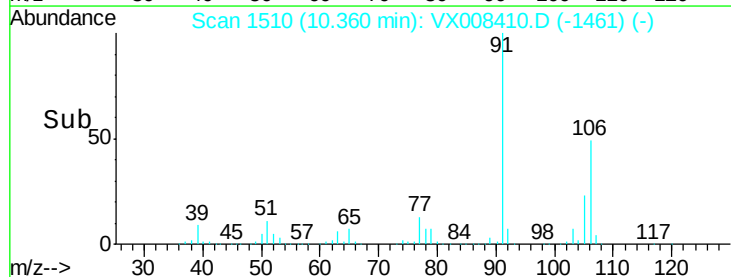
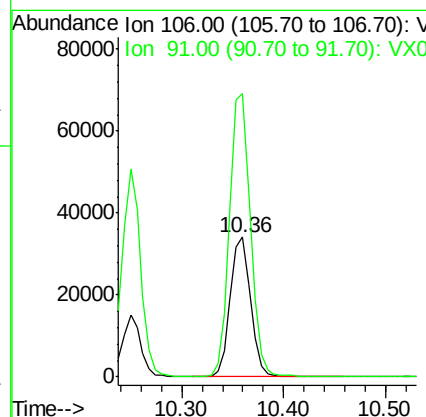
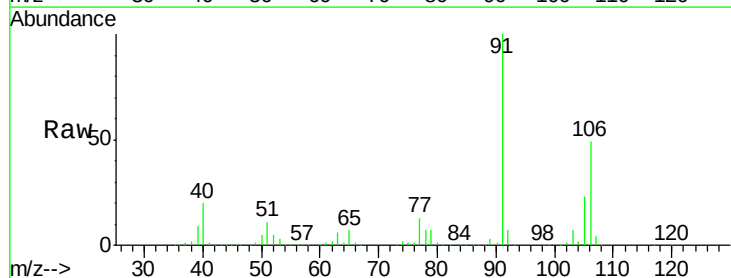
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

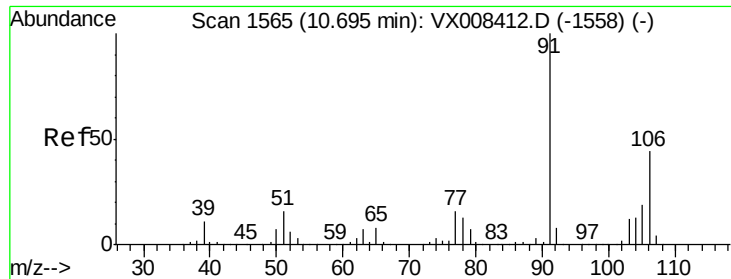
Tgt Ion: 91 Resp: 65609
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 10.897 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion: 106 Resp: 47544
Ion Ratio Lower Upper
106 100
91 206.4 168.6 253.0

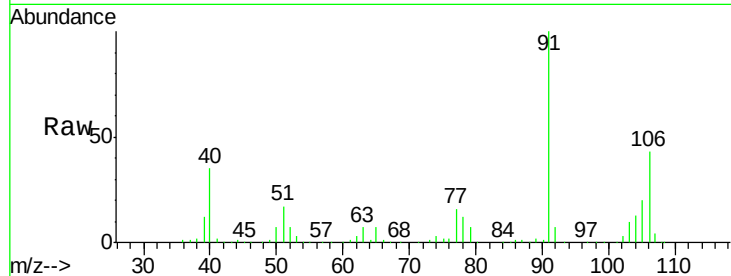




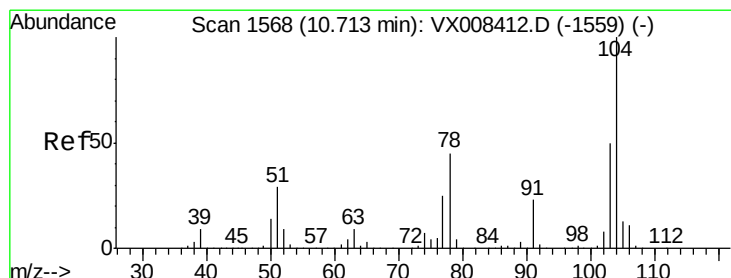
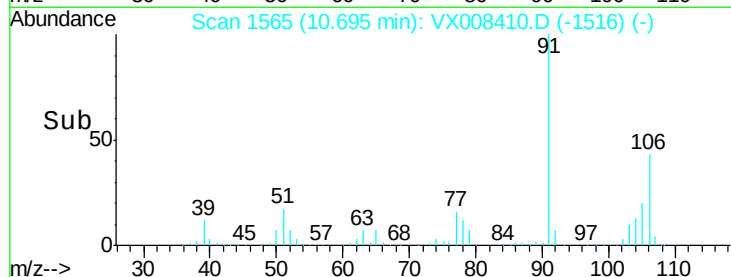
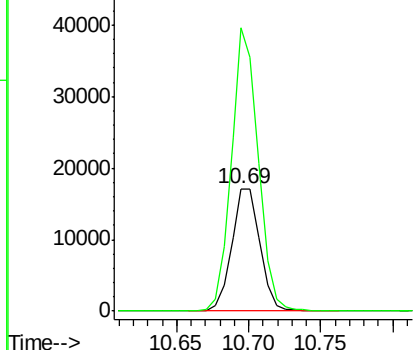
#69
o-Xylene
Concen: 5.501 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 23473
Ion Ratio Lower Upper
106 100
91 219.7 111.4 334.2

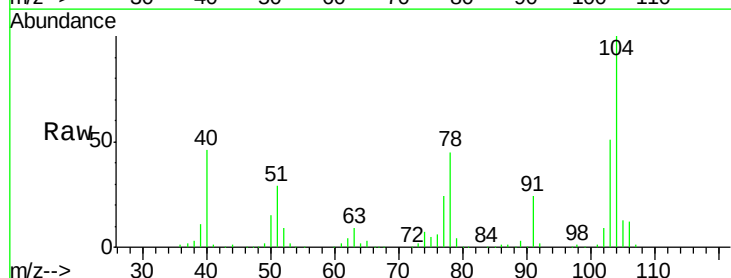


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

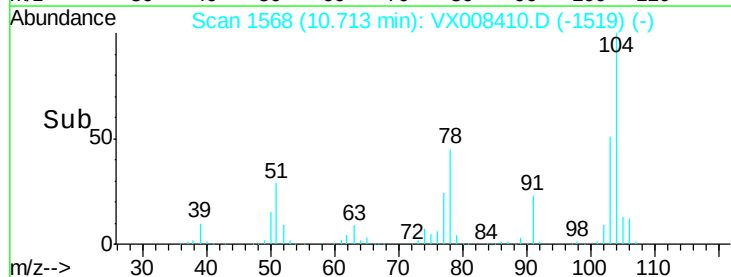
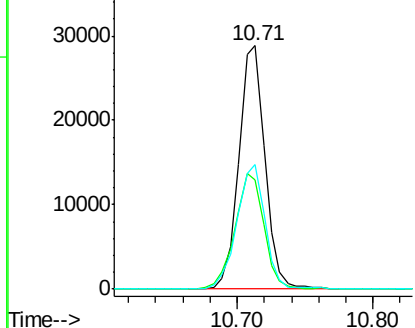


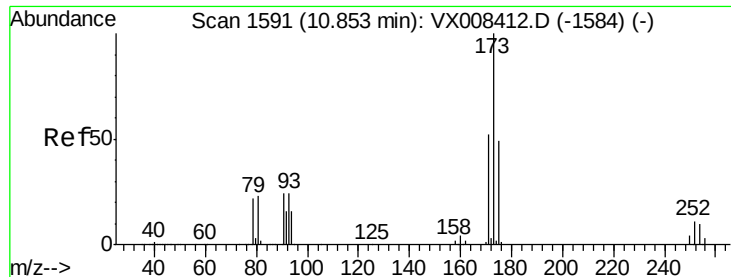
#70
Styrene
Concen: 5.225 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion:104 Resp: 38678
Ion Ratio Lower Upper
104 100
78 53.1 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: 4.948 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

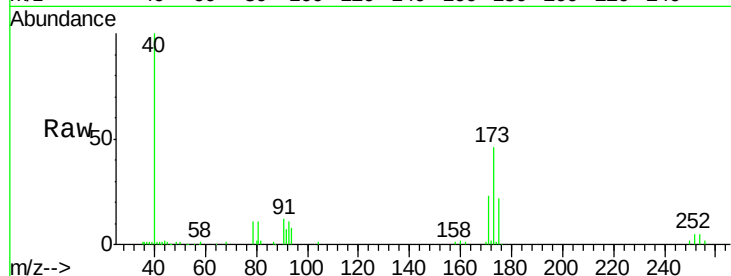
Tgt Ion:173 Resp: 8615

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

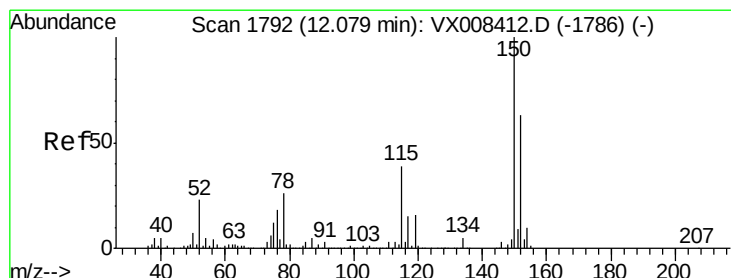
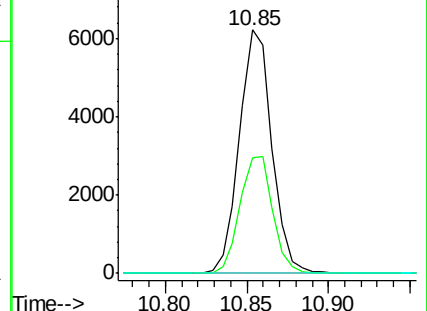
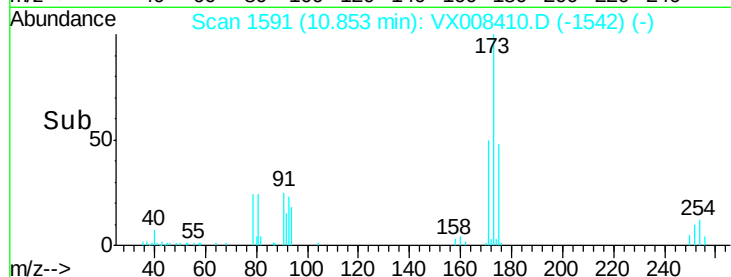
254 0.0 0.2 0.2#



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: VX008410.D

Acq: 25 Mar 2019 14:07

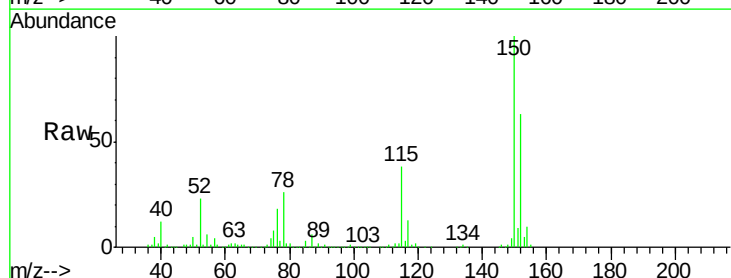
Tgt Ion:152 Resp: 141423

Ion Ratio Lower Upper

152 100

115 64.1 43.5 130.5

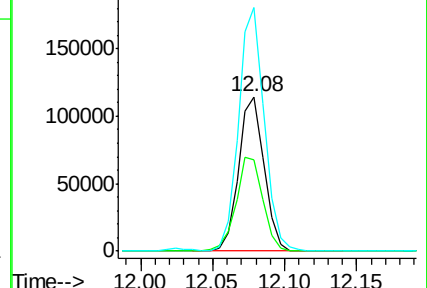
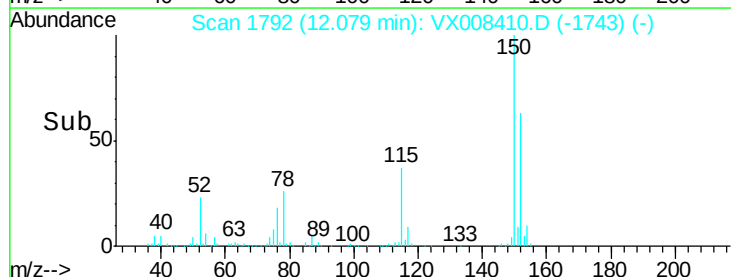
150 158.4 0.0 348.8

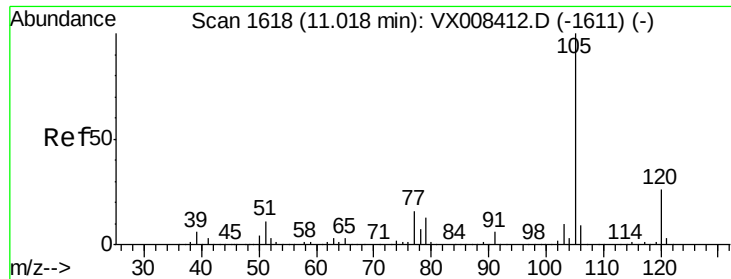


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.482 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

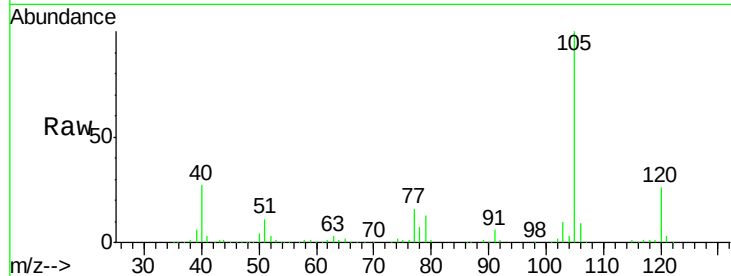
VSTDIC005

Tgt Ion: 105 Resp: 61200

Ion Ratio Lower Upper

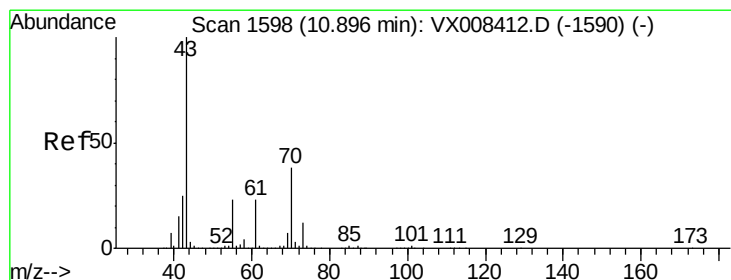
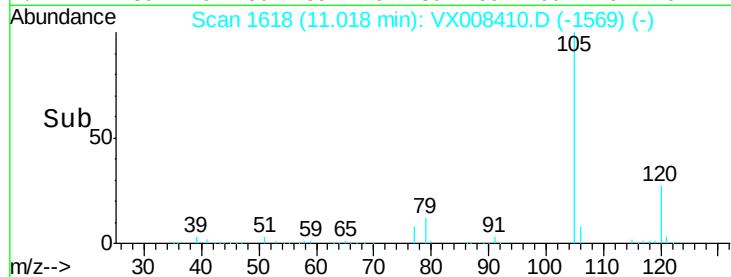
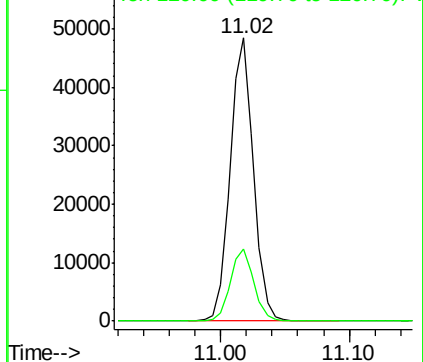
105 100

120 25.6 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: 5.300 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Tgt Ion: 43 Resp: 34638

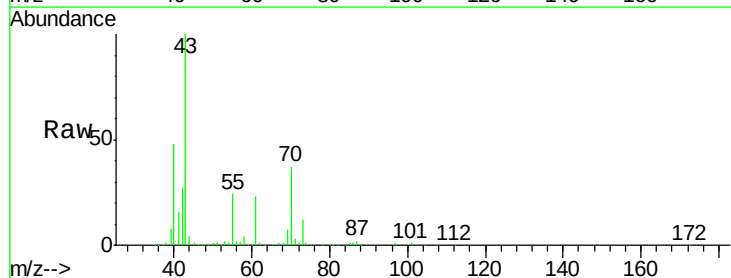
Ion Ratio Lower Upper

43 100

70 37.8 30.5 45.7

55 24.7 18.2 27.2

61 22.6 18.4 27.6

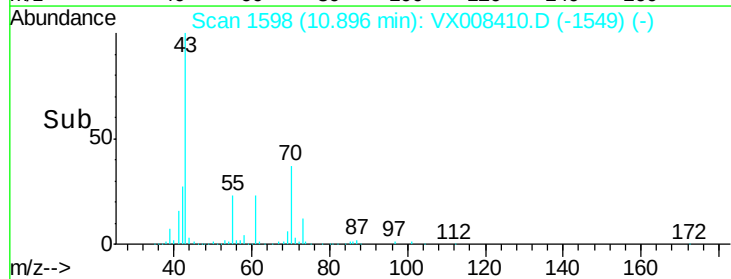
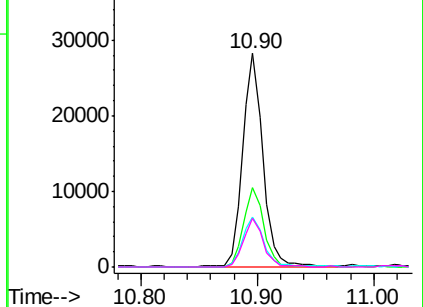


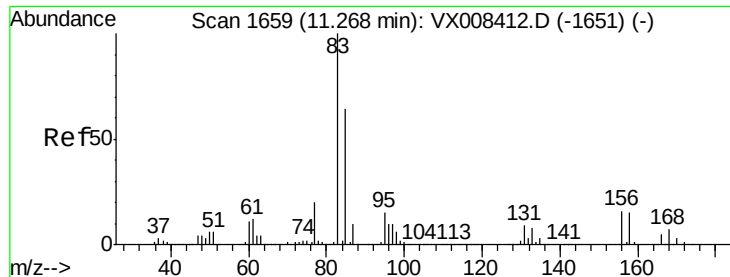
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 5.442 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

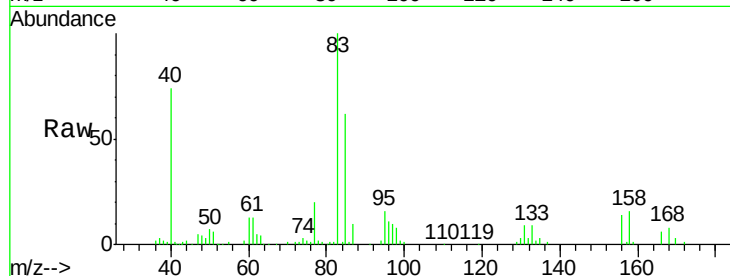
Tgt Ion: 83 Resp: 24141

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.4

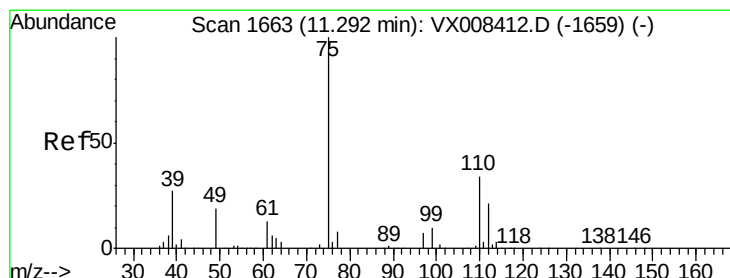
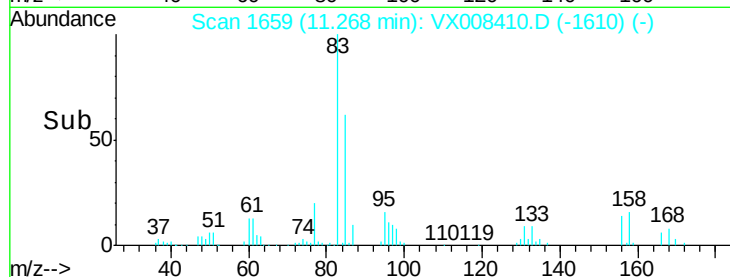
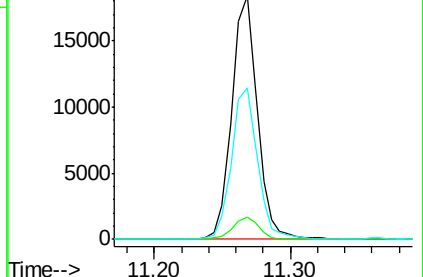
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.832 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008410.D

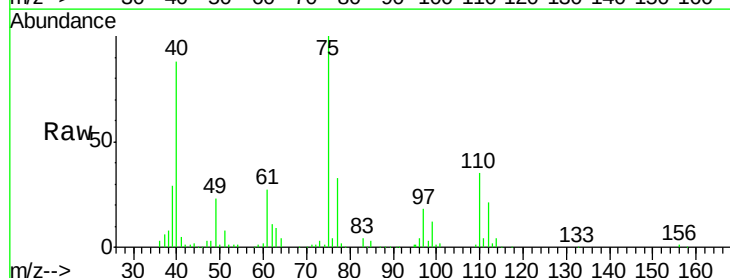
Acq: 25 Mar 2019 14:07

Tgt Ion: 75 Resp: 25302

Ion Ratio Lower Upper

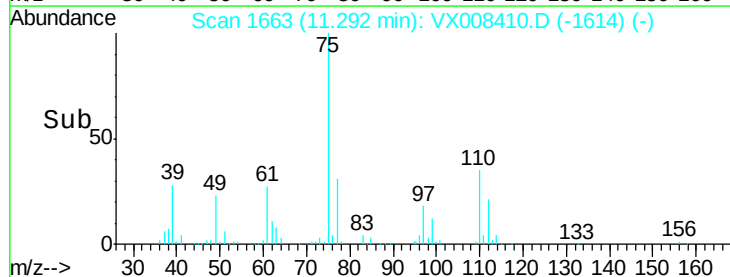
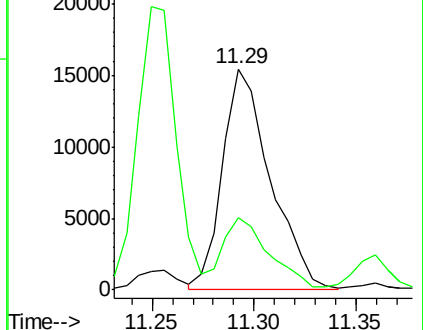
75 100

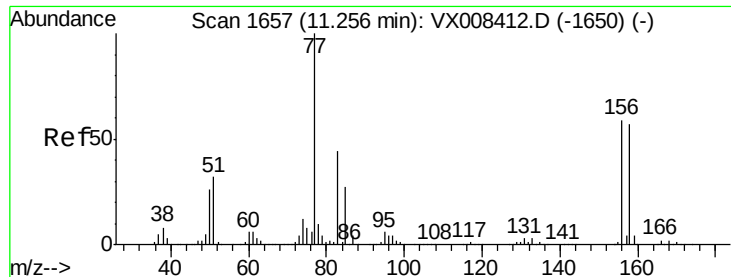
77 32.5 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.473 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

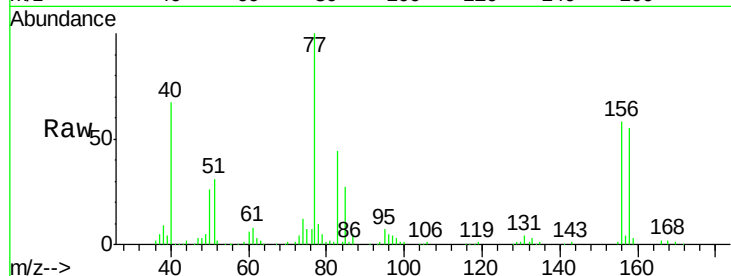
Tgt Ion:156 Resp: 14507

Ion Ratio Lower Upper

156 100

77 180.0 91.1 273.3

158 96.8 48.3 144.8

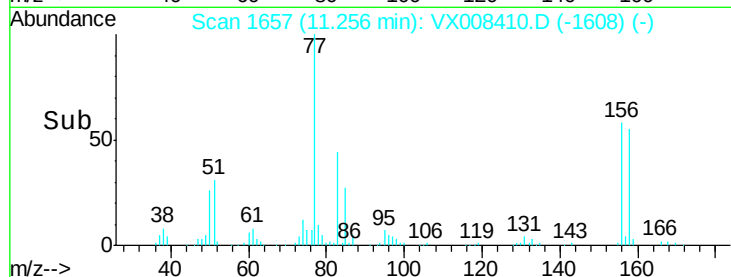


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

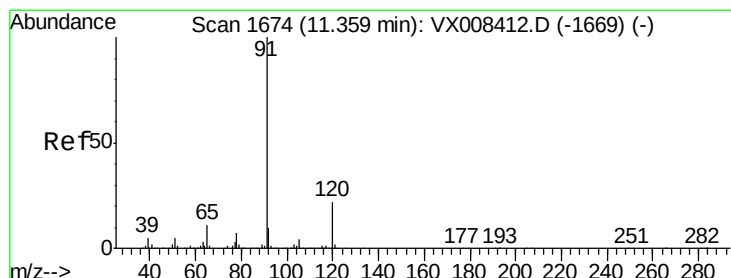
Ion 157.80 (157.50 to 158.50): V

Time-->



11.26

Time-->



#78

n-propylbenzene

Concen: 5.356 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008410.D

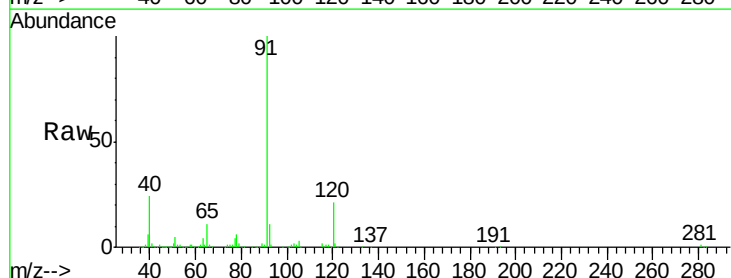
Acq: 25 Mar 2019 14:07

Tgt Ion: 91 Resp: 70026

Ion Ratio Lower Upper

91 100

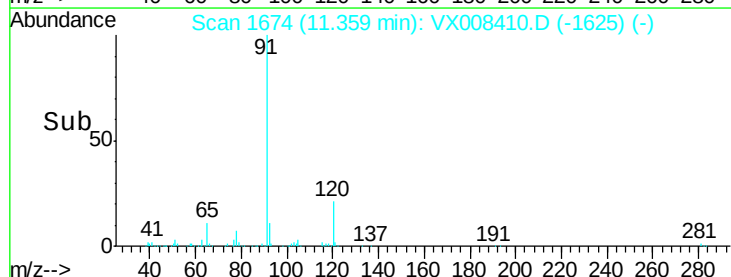
120 21.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

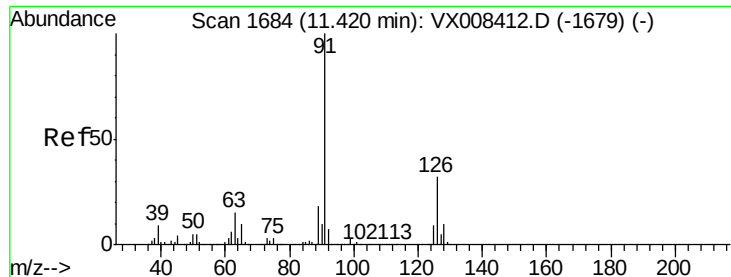
Ion 120.00 (119.70 to 120.70): V

Time-->



11.36

Time-->



#79

2-Chlorotoluene

Concen: 5.408 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

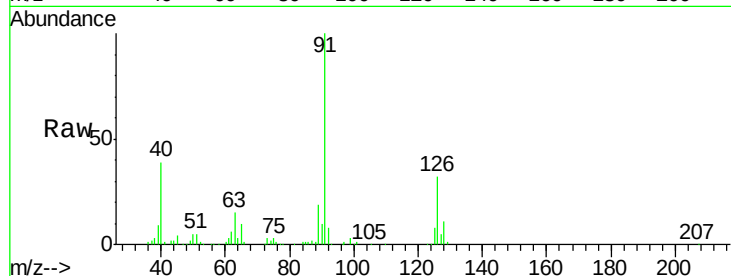
VSTDIC005

Tgt Ion: 91 Resp: 43199

Ion Ratio Lower Upper

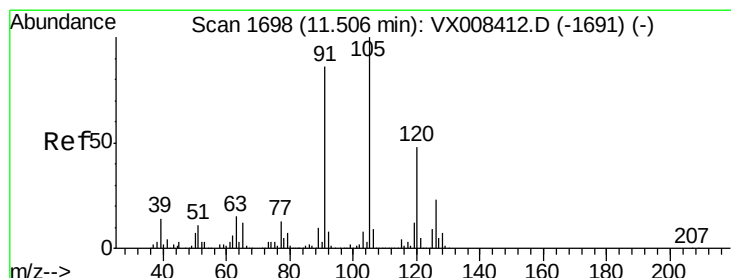
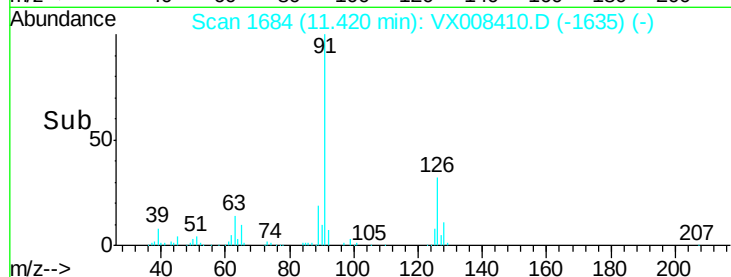
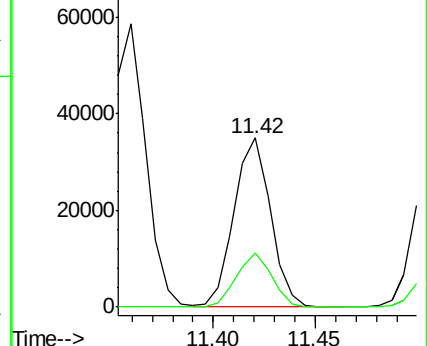
91 100

126 31.6 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.409 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008410.D

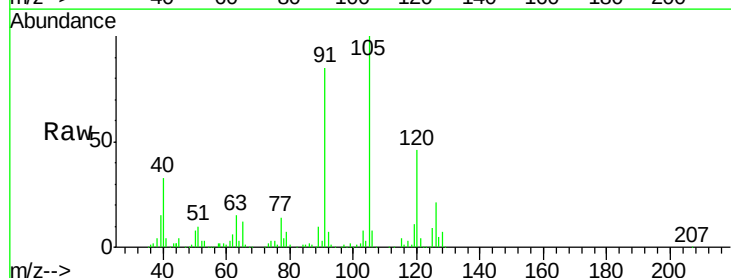
Acq: 25 Mar 2019 14:07

Tgt Ion: 105 Resp: 51380

Ion Ratio Lower Upper

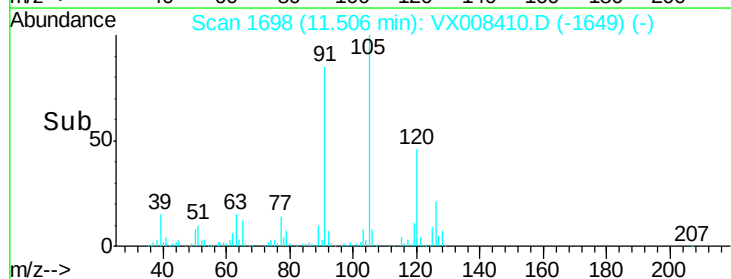
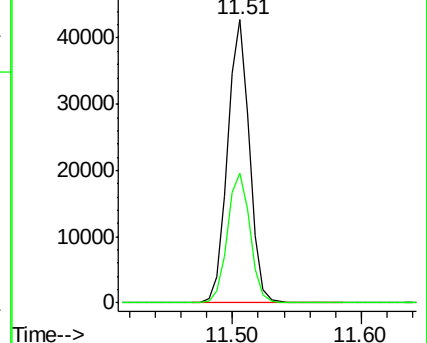
105 100

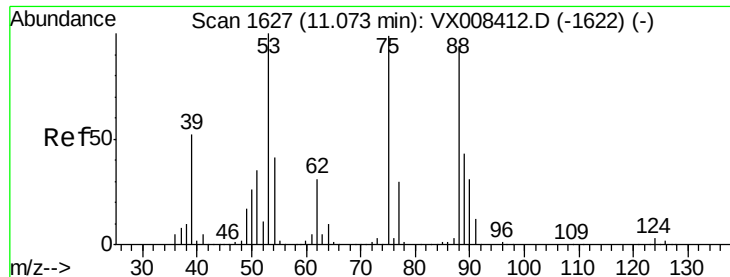
120 47.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.312 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

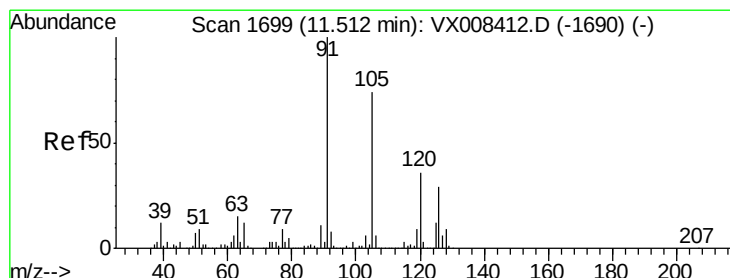
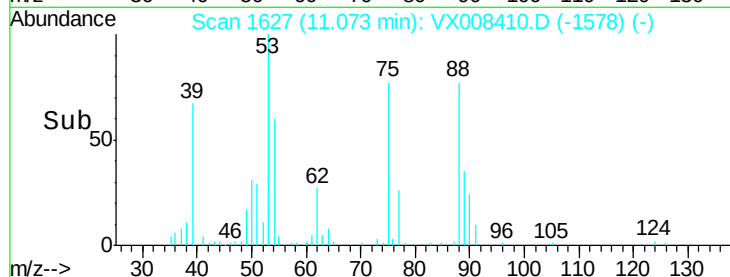
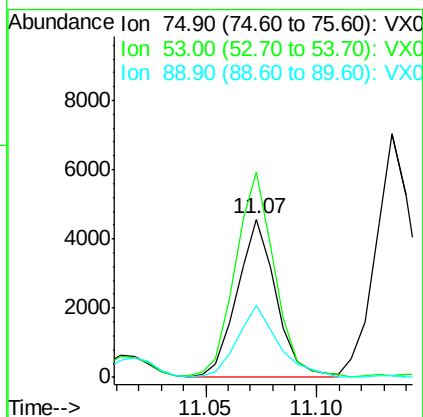
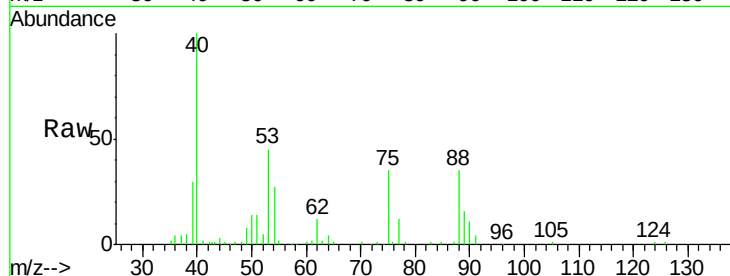
Tgt Ion: 75 Resp: 5589

Ion Ratio Lower Upper

75 100

53 130.2 82.1 123.1#

89 47.5 34.6 52.0



#82

4-Chlorotoluene

Concen: 5.338 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008410.D

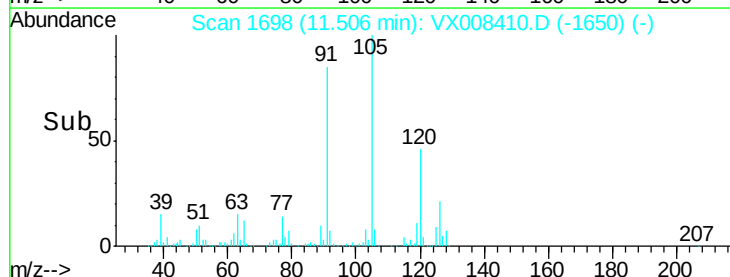
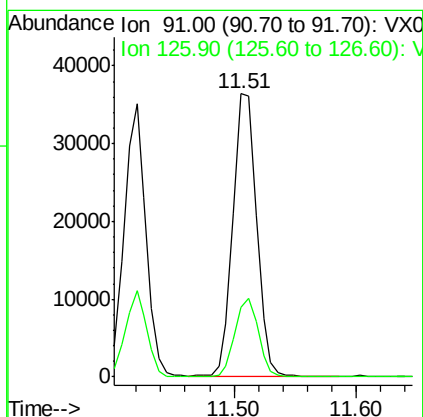
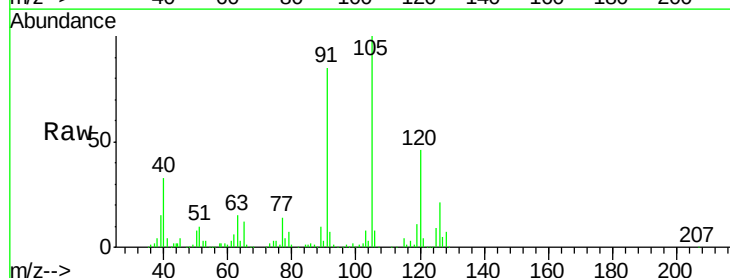
Acq: 25 Mar 2019 14:07

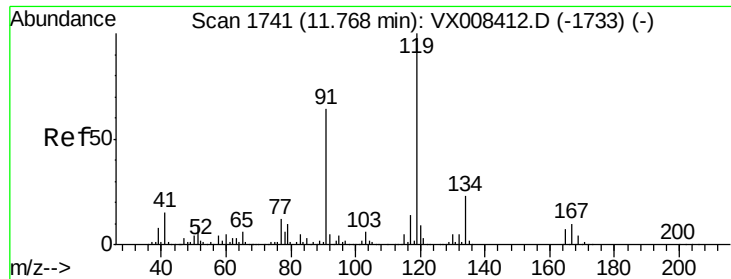
Tgt Ion: 91 Resp: 49040

Ion Ratio Lower Upper

91 100

126 27.4 13.9 41.7

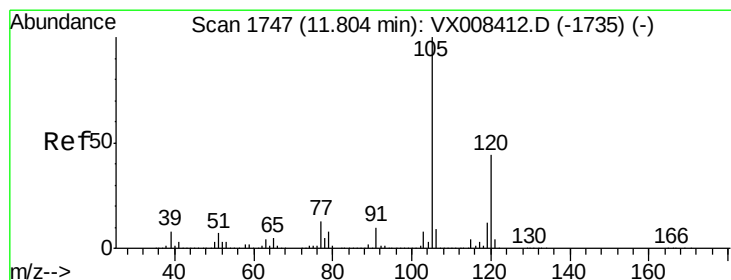
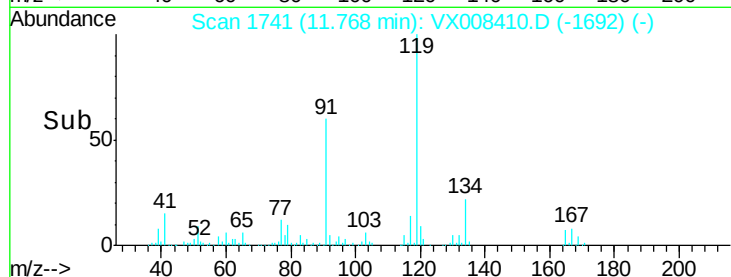
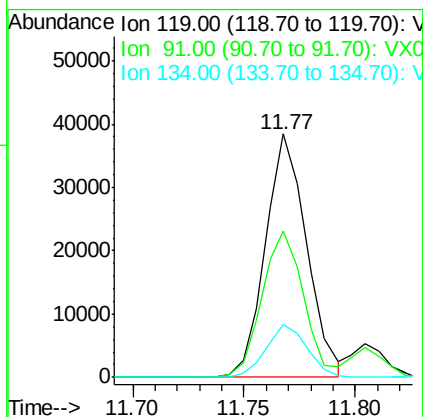
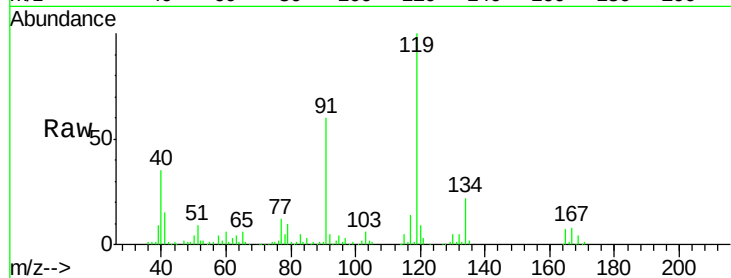




#83
 tert-Butylbenzene
 Concen: 5.483 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

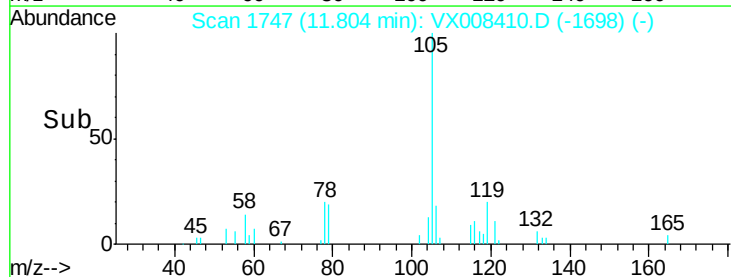
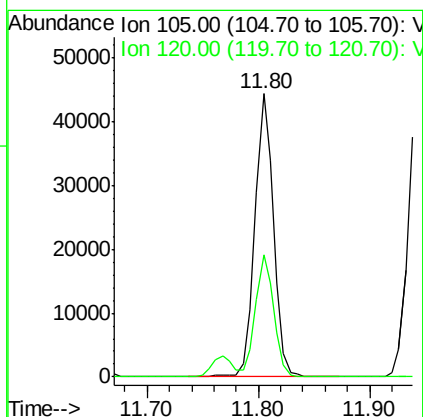
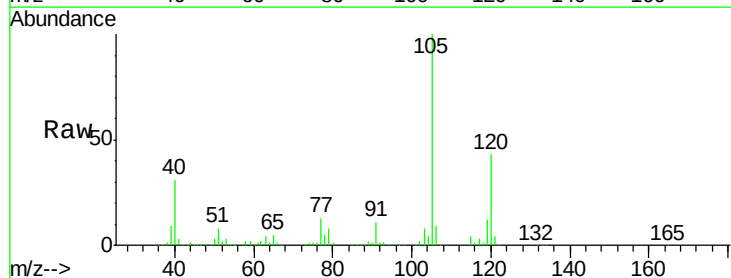
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

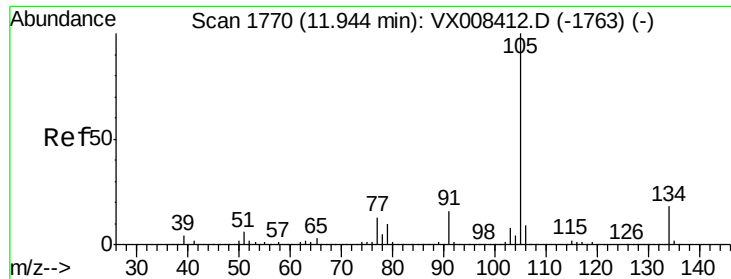
Tgt Ion:119 Resp: 49474
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.1 90.3
 134 21.7 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 5.439 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion:105 Resp: 51628
 Ion Ratio Lower Upper
 105 100
 120 42.5 21.6 65.0

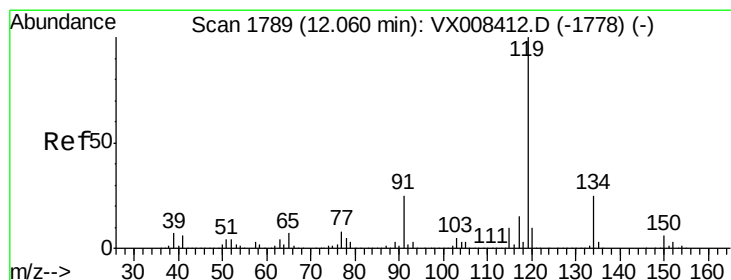
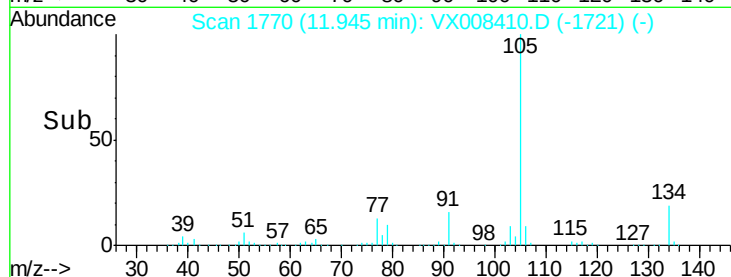
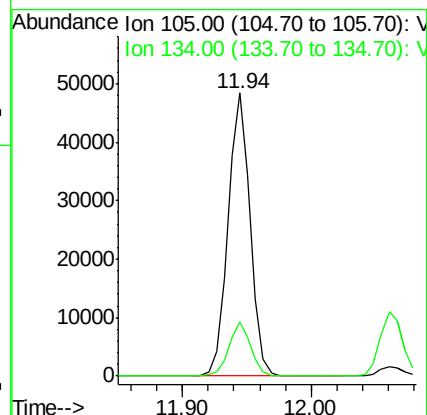
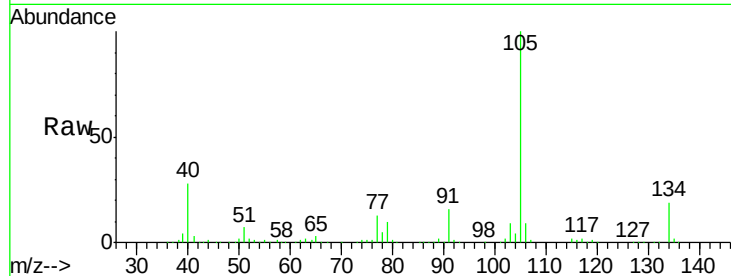




#85
 sec-Butylbenzene
 Concen: 5.378 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

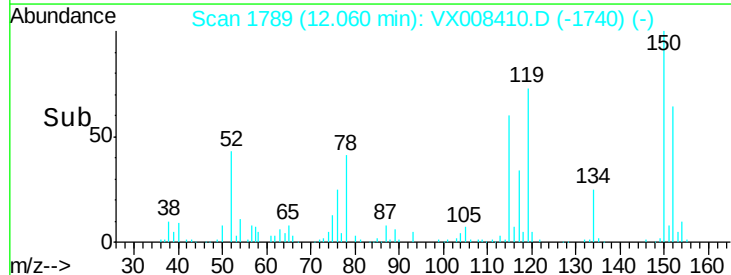
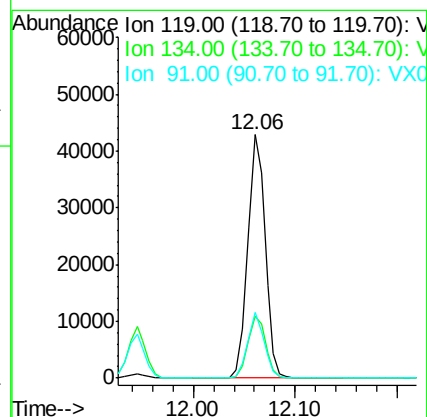
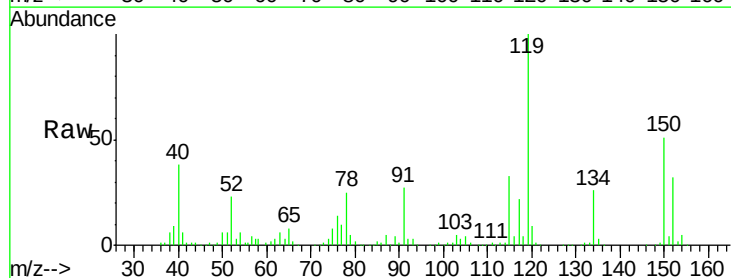
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

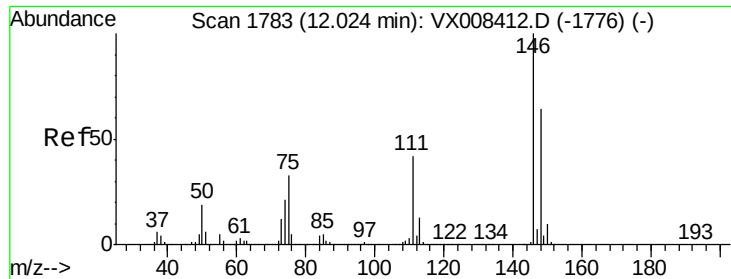
Tgt Ion:105 Resp: 58361
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 5.297 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion:119 Resp: 50665
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 26.0 12.4 37.0

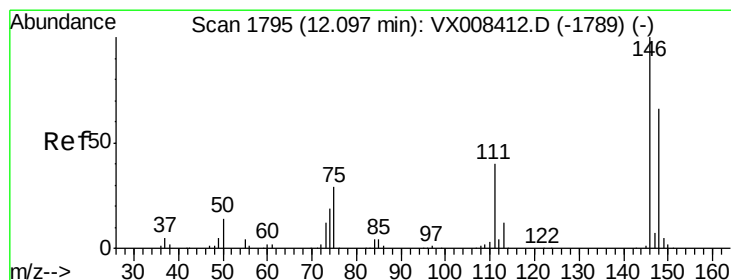
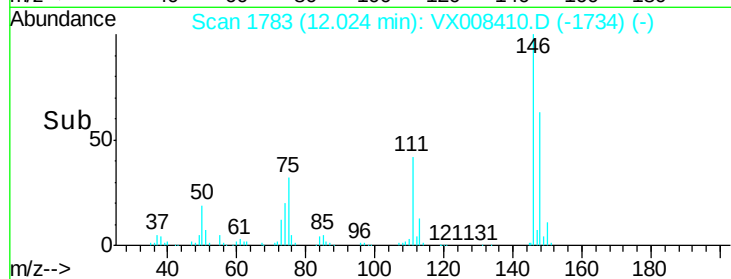
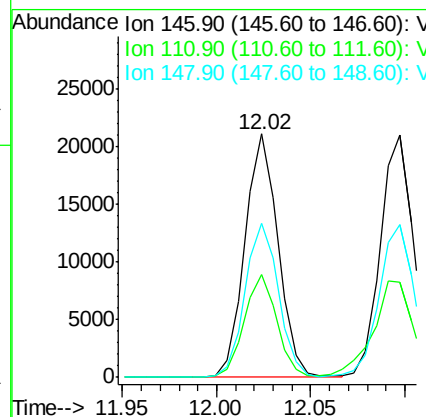
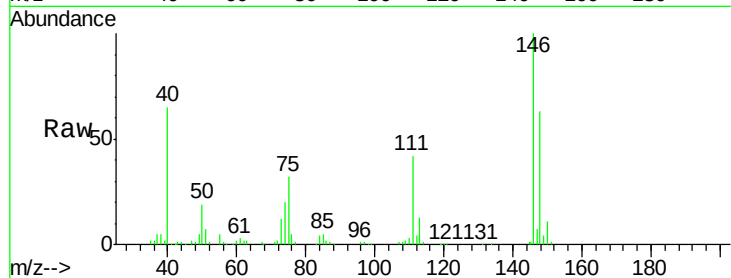




#87
 1,3-Dichlorobenzene
 Concen: 5.419 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

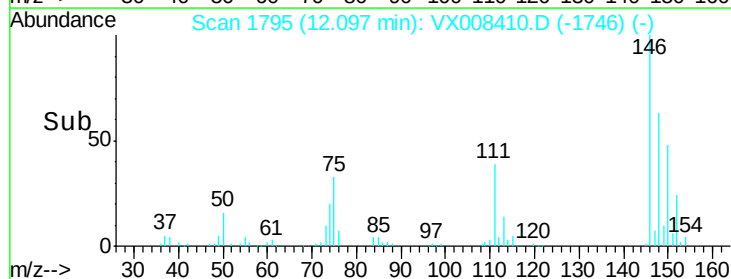
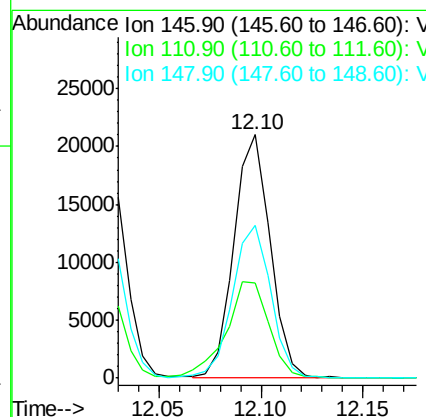
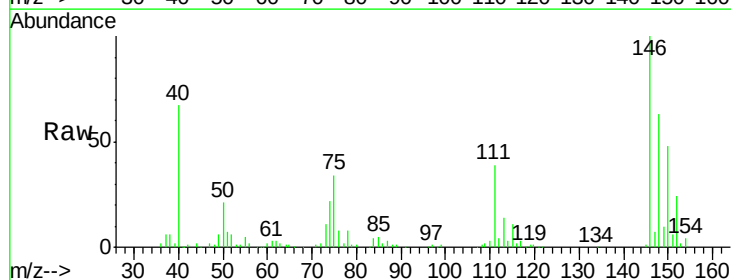
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

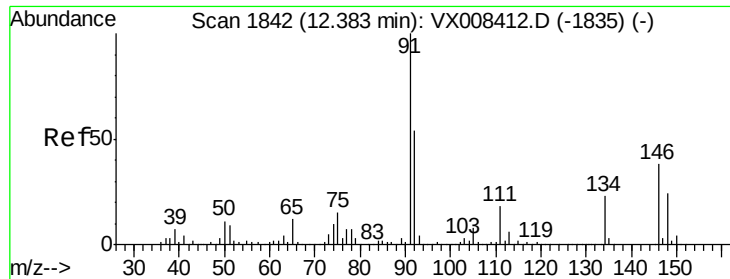
Tgt Ion:146 Resp: 25777
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 64.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 5.344 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion:146 Resp: 25899
 Ion Ratio Lower Upper
 146 100
 111 47.7 20.3 61.0
 148 66.8 32.1 96.5





#89

n-Butylbenzene

Concen: 4.989 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008410.D

Acq: 25 Mar 2019 14:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

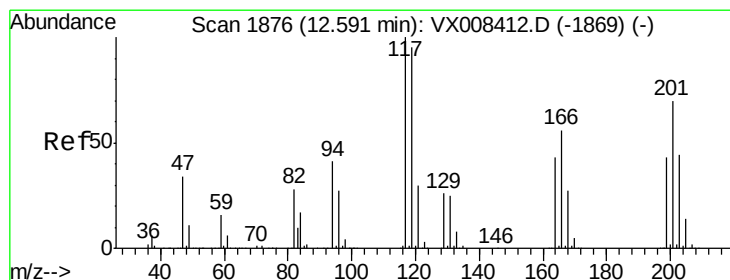
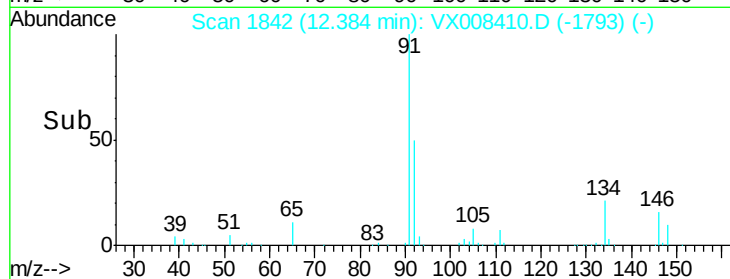
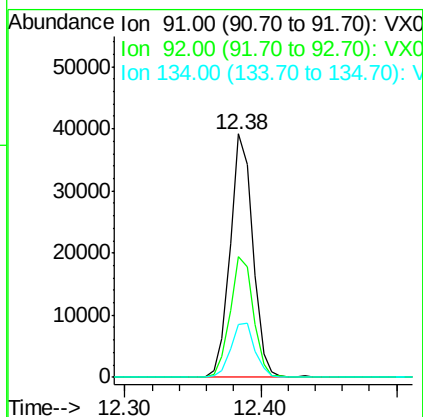
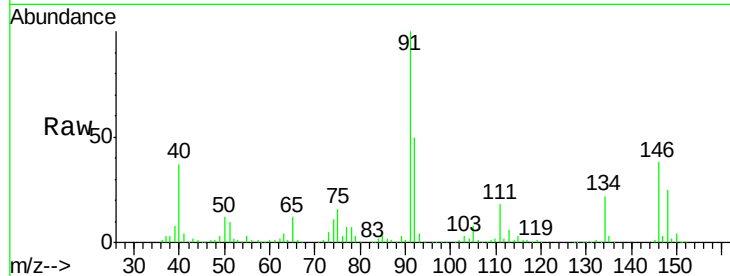
Tgt Ion: 91 Resp: 45521

Ion Ratio Lower Upper

91 100

92 50.9 26.5 79.5

134 23.4 11.8 35.4



#90

Hexachloroethane

Concen: 5.130 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX008410.D

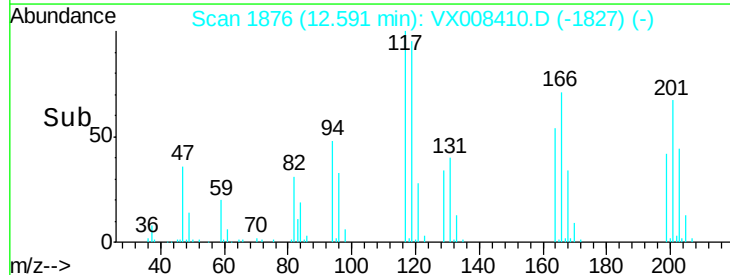
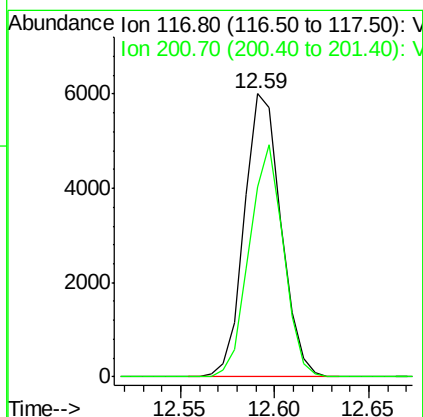
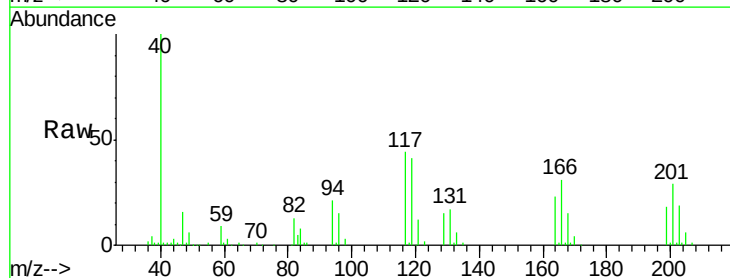
Acq: 25 Mar 2019 14:07

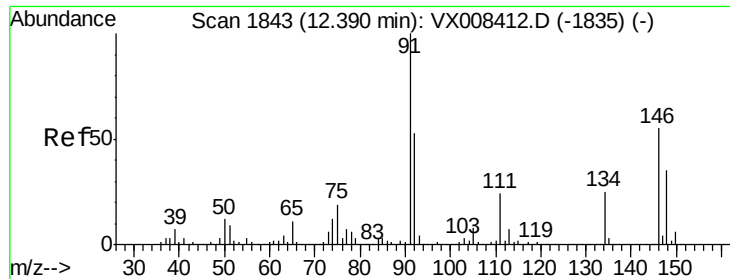
Tgt Ion: 117 Resp: 8122

Ion Ratio Lower Upper

117 100

201 76.1 39.4 118.1

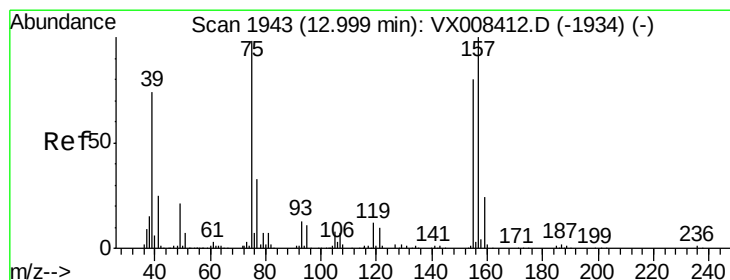
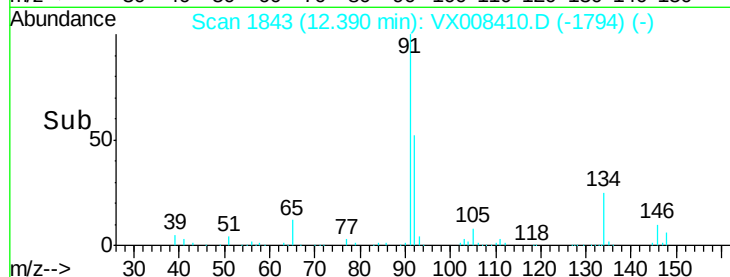
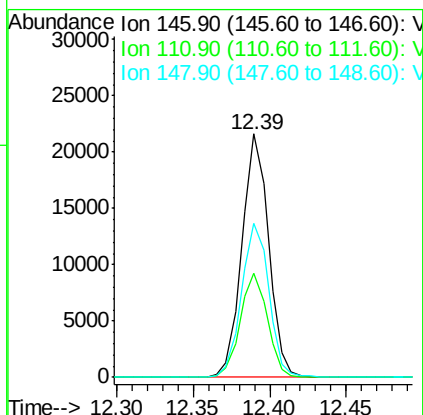
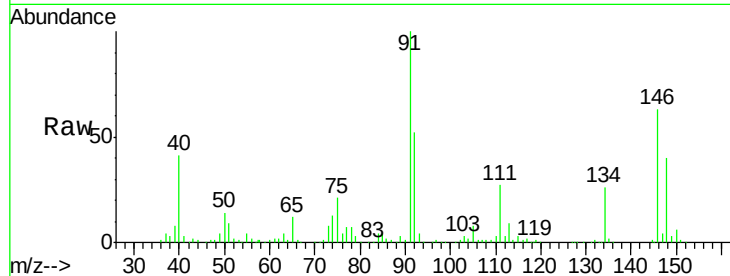




#91
 1,2-Dichlorobenzene
 Concen: 5.425 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

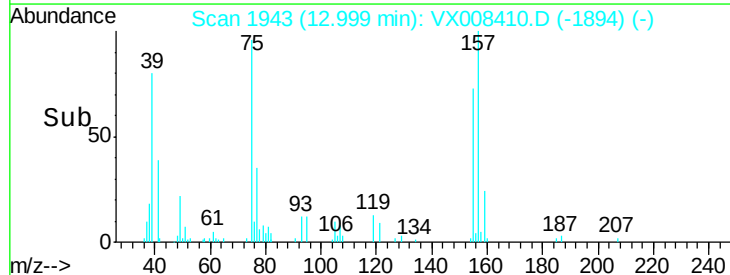
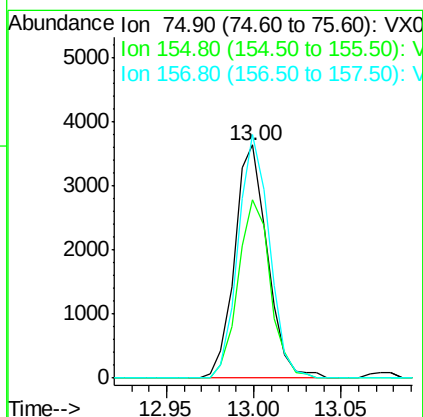
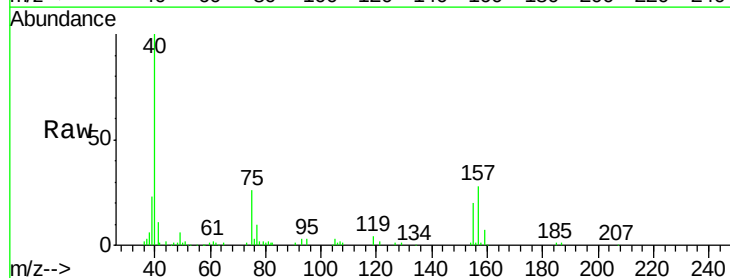
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

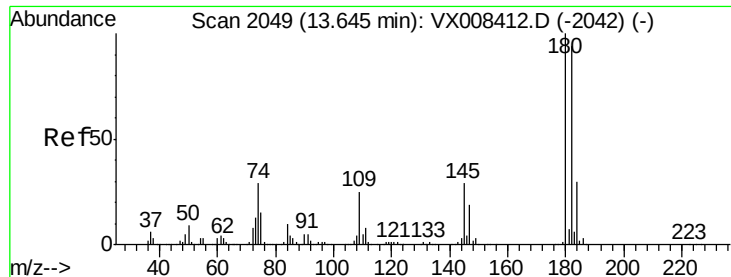
Tgt Ion:146 Resp: 26199
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 64.6
 148 64.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.038 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion: 75 Resp: 4755
 Ion Ratio Lower Upper
 75 100
 155 75.1 39.5 118.5
 157 99.0 49.9 149.7

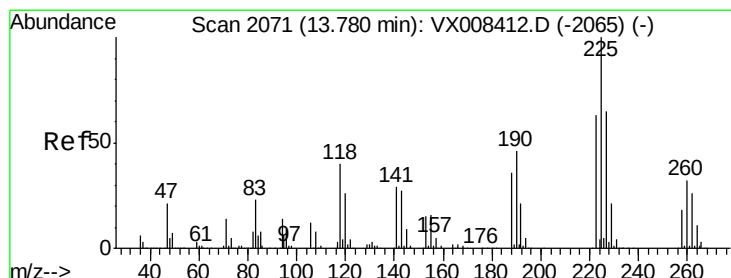
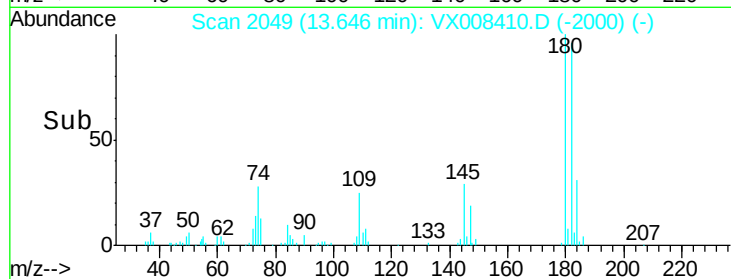
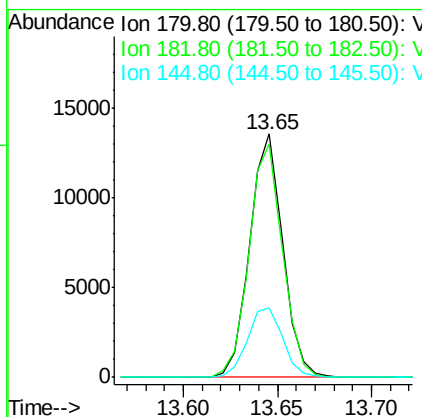
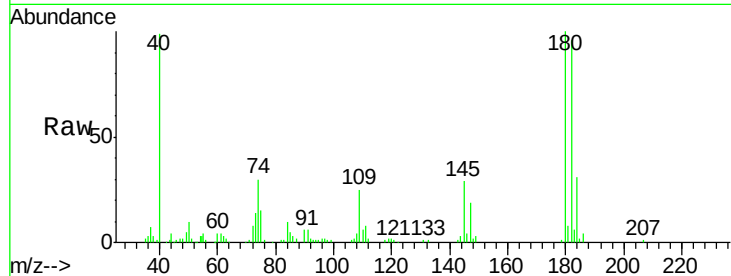




#93
 1,2,4-Trichlorobenzene
 Concen: 5.047 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

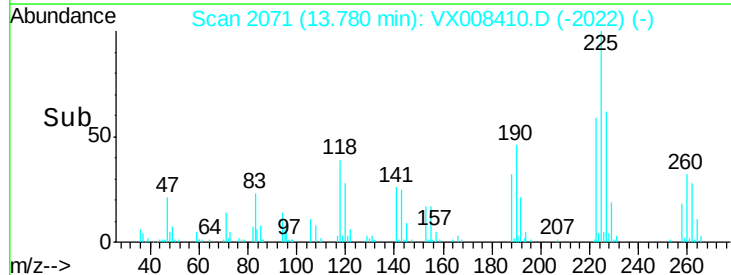
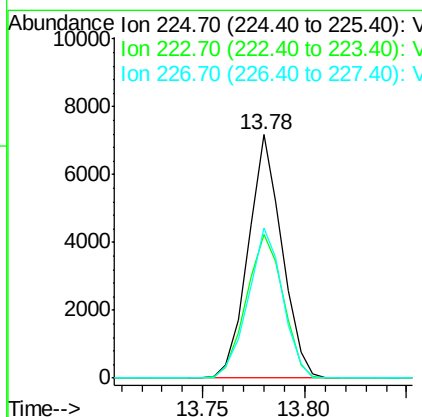
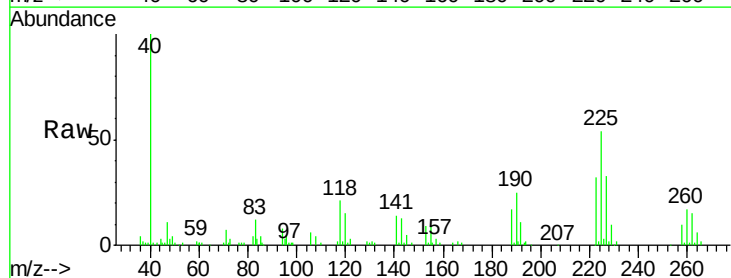
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

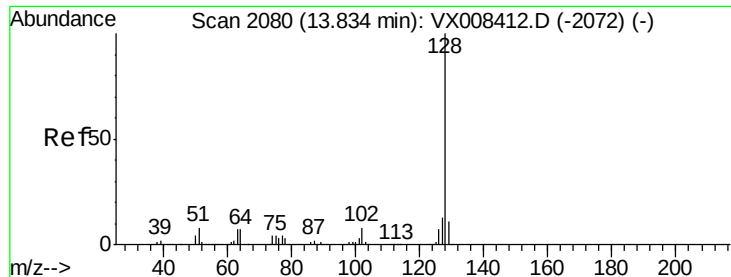
Tgt Ion:180 Resp: 16472
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.3 142.0
 145 30.5 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 5.369 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008410.D
 Acq: 25 Mar 2019 14:07

Tgt Ion:225 Resp: 8273
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.4 94.0
 227 63.0 31.9 95.9

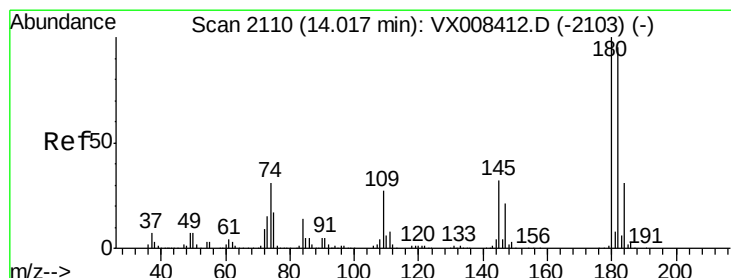
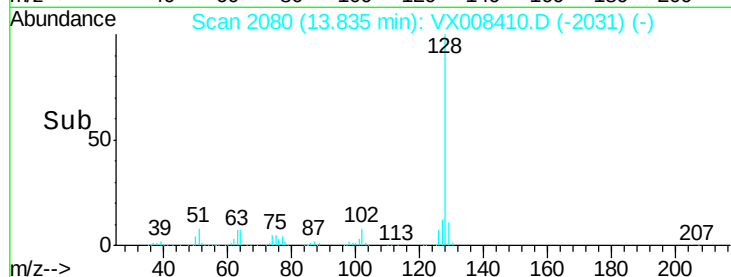
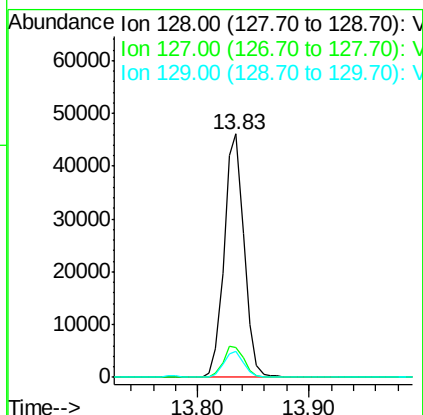
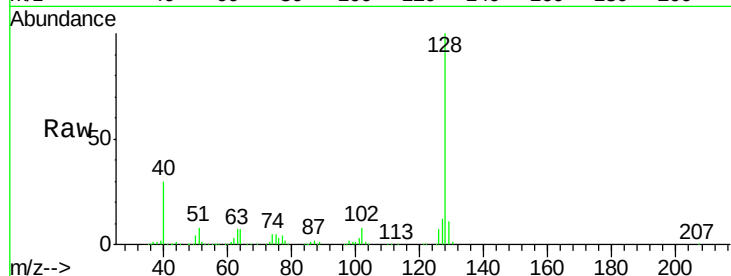




#95
Naphthalene
Concen: 4.990 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 56734
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.168 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008410.D
Acq: 25 Mar 2019 14:07

Tgt Ion:180 Resp: 16943
Ion Ratio Lower Upper
180 100
182 93.5 47.3 142.0
145 33.1 16.2 48.5

