

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032519\
 Data File : VX008411.D
 Acq On : 25 Mar 2019 14:30
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 26 04:20:13 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	190890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135431	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	60166	20.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.66%	
35) Dibromofluoromethane	5.49	113	44572	20.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.90%	
50) Toluene-d8	8.71	98	174766	20.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.32%	
62) 4-Bromofluorobenzene	11.13	95	63507	20.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	42557	19.792	ug/l	99
3) Chloromethane	1.32	50	59262	18.693	ug/l	98
4) Vinyl Chloride	1.40	62	60278	19.386	ug/l	98
5) Bromomethane	1.64	94	28502	14.948	ug/l	97
6) Chloroethane	1.72	64	38527	20.904	ug/l	98
7) Trichlorofluoromethane	1.93	101	68760	19.500	ug/l	97
8) Diethyl Ether	2.18	74	32697	19.321	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41023	19.581	ug/l	100
10) Methyl Iodide	2.51	142	34499	13.651	ug/l	100
11) Tert butyl alcohol	3.04	59	62939	97.141	ug/l	99
12) 1,1-Dichloroethene	2.37	96	42709	19.679	ug/l	96
13) Acrolein	2.29	56	44710	84.731	ug/l	100
14) Allyl chloride	2.73	41	92111	19.251	ug/l	99
15) Acrylonitrile	3.14	53	160980	97.613	ug/l	99
16) Acetone	2.44	43	152319	104.741	ug/l	100
17) Carbon Disulfide	2.57	76	128442	18.561	ug/l	99
18) Methyl Acetate	2.77	43	69226	19.154	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	156471	20.042	ug/l	99
20) Methylene Chloride	2.85	84	51349	19.606	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	45324	19.355	ug/l	98
22) Diisopropyl ether	3.85	45	189282	20.282	ug/l	98
23) Vinyl Acetate	3.81	43	838834	101.919	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94396	19.858	ug/l	99
25) 2-Butanone	4.67	43	237897	99.842	ug/l	99
26) 2,2-Dichloropropane	4.59	77	62660	20.320	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	52615	19.606	ug/l	99
28) Bromochloromethane	5.01	49	51473	22.008	ug/l	100
29) Tetrahydrofuran	5.13	42	155464	98.741	ug/l	99
30) Chloroform	5.21	83	85055	19.832	ug/l	99
31) Cyclohexane	5.58	56	89655	19.704	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	68288	20.083	ug/l	99
36) 1,1-Dichloropropene	5.80	75	65340	19.463	ug/l	99
37) Ethyl Acetate	4.83	43	89408	19.761	ug/l	99
38) Carbon Tetrachloride	5.79	117	55544	19.253	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80477	19.542	ug/l	97
40) Benzene	6.14	78	204599	19.988	ug/l	99
41) Methacrylonitrile	5.04	41	49572	20.057	ug/l	99
42) 1,2-Dichloroethane	6.19	62	73351	19.742	ug/l	100
43) Isopropyl Acetate	6.45	43	138894	19.661	ug/l	100
44) Trichloroethene	7.21	130	45646	19.187	ug/l	95
45) 1,2-Dichloropropane	7.51	63	57792	19.941	ug/l	100
46) Dibromomethane	7.66	93	32993	19.222	ug/l	100
47) Bromodichloromethane	7.90	83	64660	19.716	ug/l	98
48) Methyl methacrylate	7.77	41	71011	19.854	ug/l	99
49) 1,4-Dioxane	7.74	88	28854	399.613	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	462163	99.303	ug/l	100
52) Toluene	8.79	92	120084	19.958	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	69849	19.768	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	79184	19.835	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	49757	19.911	ug/l	99
56) Ethyl methacrylate	9.18	69	89521	20.207	ug/l	99
57) 1,3-Dichloropropane	9.37	76	88007	19.806	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	233240	98.544	ug/l	99
59) 2-Hexanone	9.49	43	358923	99.955	ug/l	100
60) Dibromochloromethane	9.58	129	46804	20.156	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50883	20.086	ug/l	99
64) Tetrachloroethene	9.33	164	37927	19.956	ug/l	97
65) Chlorobenzene	10.14	112	122656	20.084	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	42563	20.084	ug/l	98
67) Ethyl Benzene	10.25	91	228858	19.972	ug/l	100
68) m/p-Xylenes	10.36	106	167790	40.757	ug/l	100
69) o-Xylene	10.70	106	82267	20.434	ug/l	100
70) Styrene	10.71	104	142485	20.402	ug/l	100
71) Bromoform	10.85	173	31935	19.438	ug/l #	98
73) Isopropylbenzene	11.02	105	218600	20.449	ug/l	100
74) N-amyl acetate	10.90	43	125502	20.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82981	19.534	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	91193	25.712	ug/l	82
77) Bromobenzene	11.26	156	50878	20.043	ug/l	99
78) n-propylbenzene	11.36	91	255459	20.403	ug/l	100
79) 2-Chlorotoluene	11.42	91	153514	20.069	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	184920	20.328	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23148	18.650	ug/l	90
82) 4-Chlorotoluene	11.51	91	175019	19.892	ug/l	100
83) tert-Butylbenzene	11.77	119	179849	20.815	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	186170	20.482	ug/l	99
85) sec-Butylbenzene	11.94	105	212784	20.474	ug/l	99
86) p-Isopropyltoluene	12.06	119	188613	20.591	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	91164	20.014	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	91256	19.662	ug/l	99
89) n-Butylbenzene	12.38	91	174423	19.964	ug/l	99
90) Hexachloroethane	12.60	117	29865	19.698	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	91532	19.793	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18153	20.084	ug/l	97

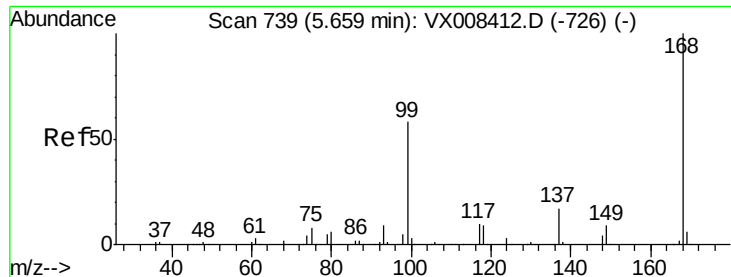
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032519\
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Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:13:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61255	19.597	ug/l	99
94) Hexachlorobutadiene	13.78	225	29262	19.829	ug/l	98
95) Naphthalene	13.83	128	222497	20.435	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	63609	20.261	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: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

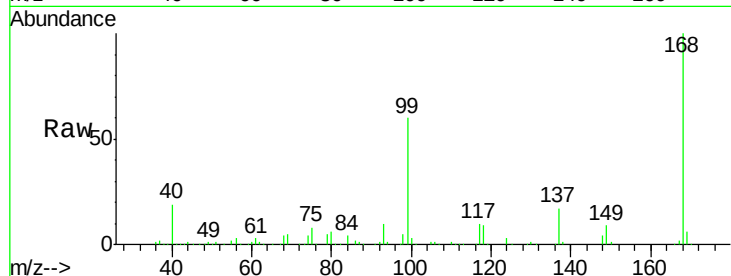
VSTDIC020

Tgt Ion:168 Resp: 190890

Ion Ratio Lower Upper

168 100

99 60.0 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

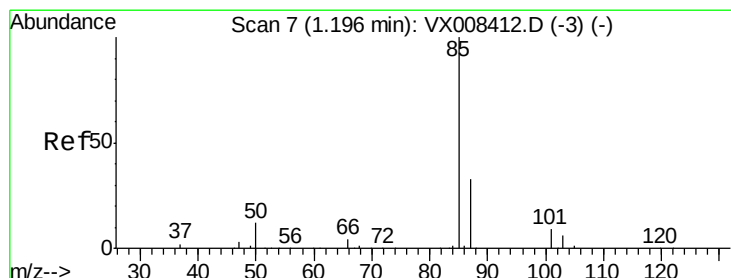
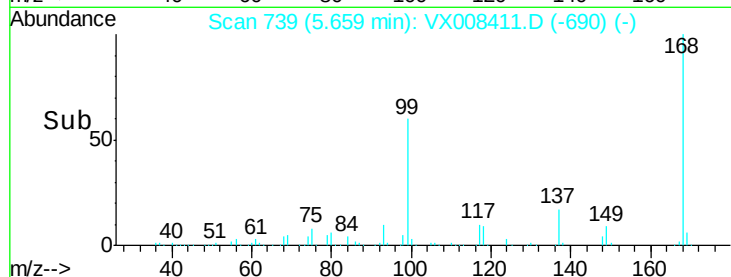
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.792 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008411.D

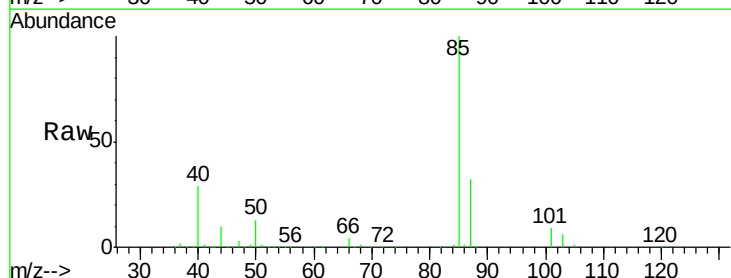
Acq: 25 Mar 2019 14:30

Tgt Ion: 85 Resp: 42557

Ion Ratio Lower Upper

85 100

87 32.1 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

50000

40000

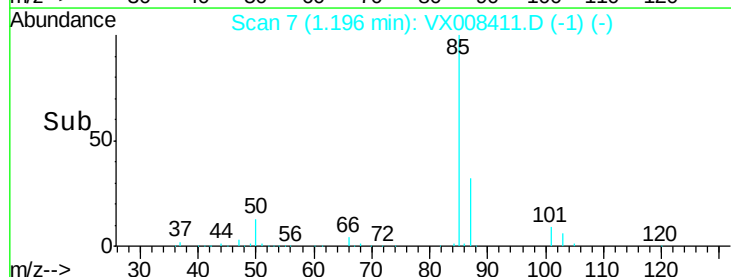
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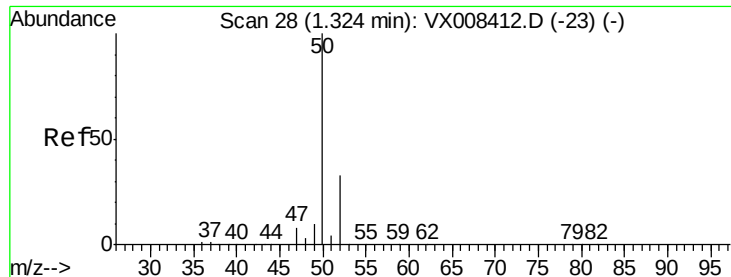
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.693 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

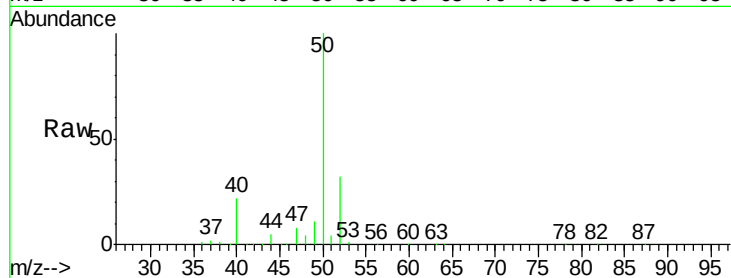
VSTDIC020

Tgt Ion: 50 Resp: 59262

Ion Ratio Lower Upper

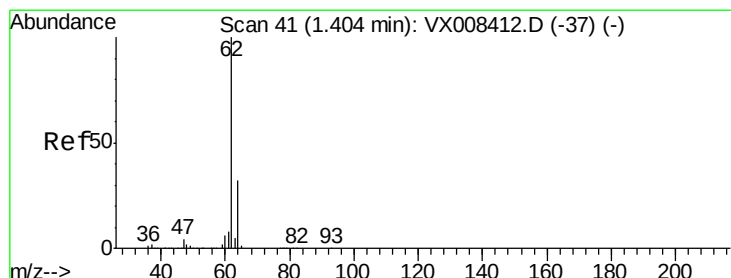
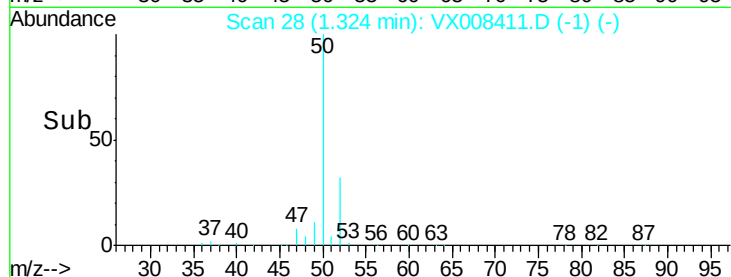
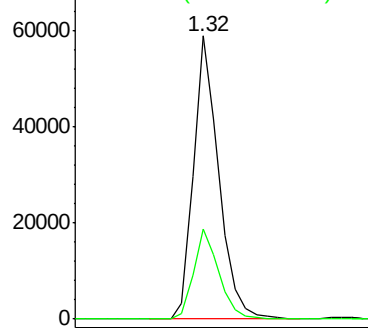
50 100

52 31.8 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: 19.386 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008411.D

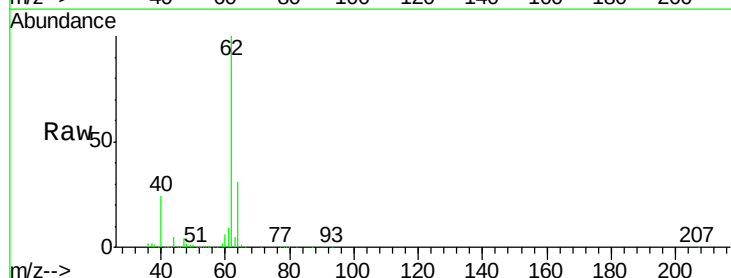
Acq: 25 Mar 2019 14:30

Tgt Ion: 62 Resp: 60278

Ion Ratio Lower Upper

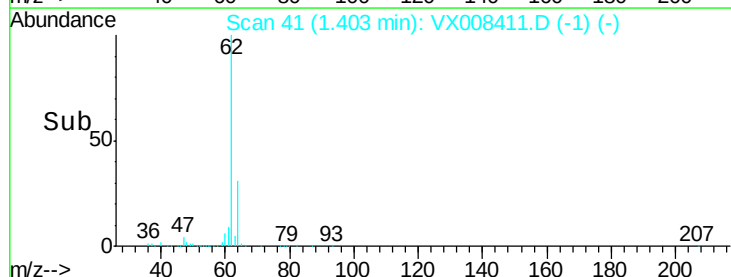
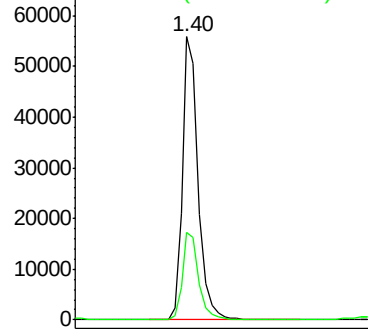
62 100

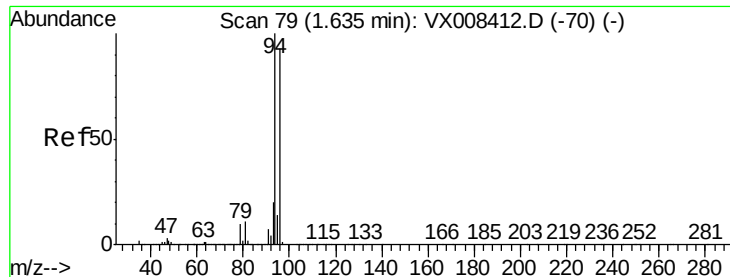
64 30.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.948 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

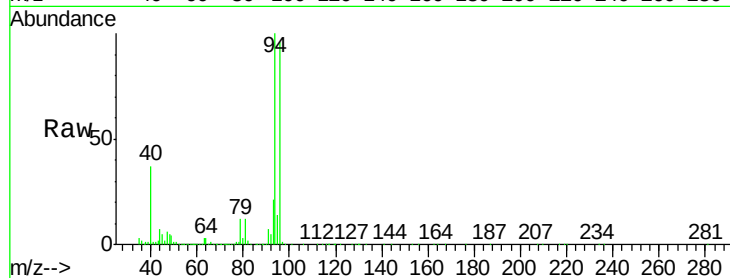
VSTDIC020

Tgt Ion: 94 Resp: 28502

Ion Ratio Lower Upper

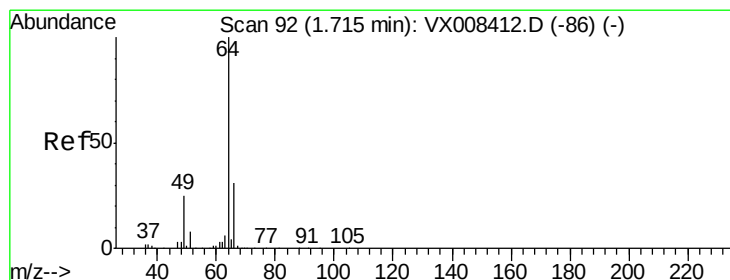
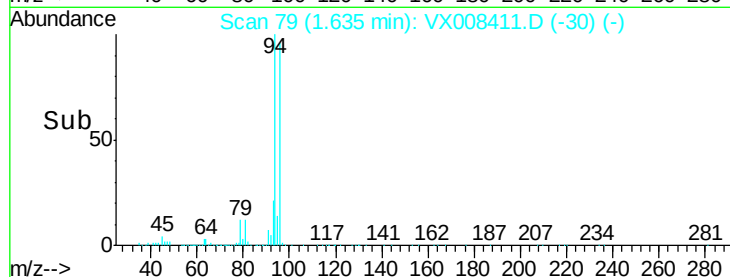
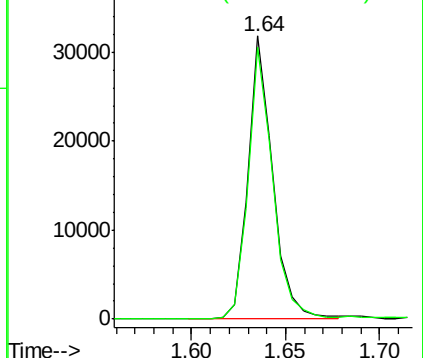
94 100

96 96.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.904 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008411.D

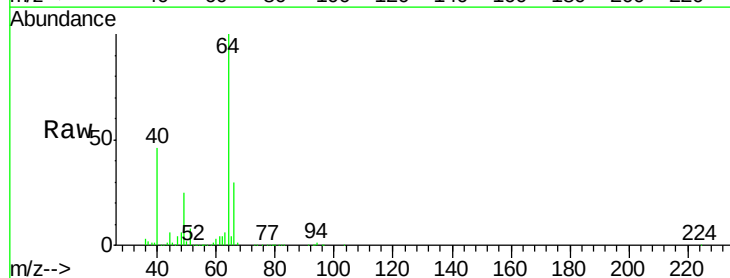
Acq: 25 Mar 2019 14:30

Tgt Ion: 64 Resp: 38527

Ion Ratio Lower Upper

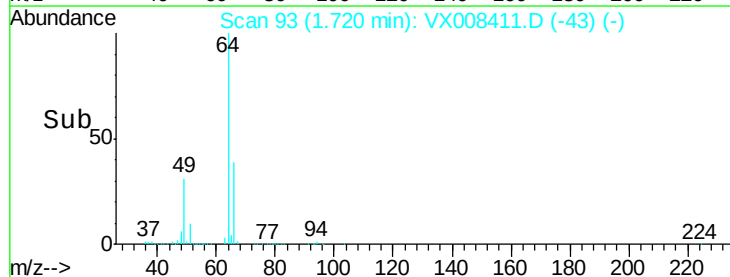
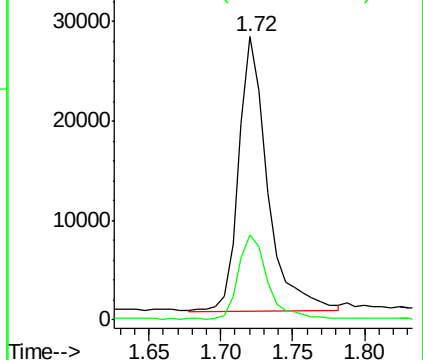
64 100

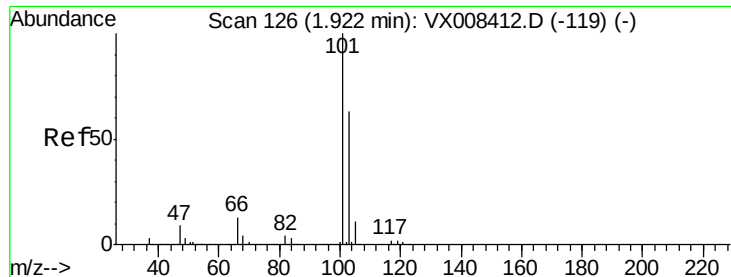
66 30.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



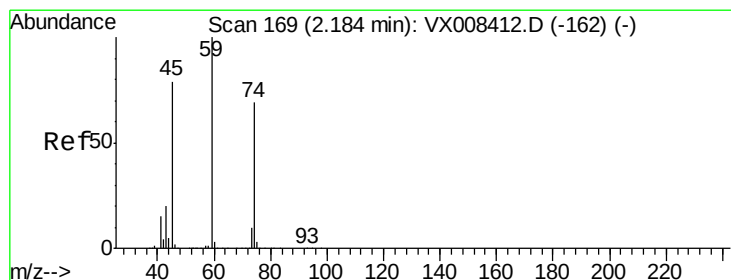
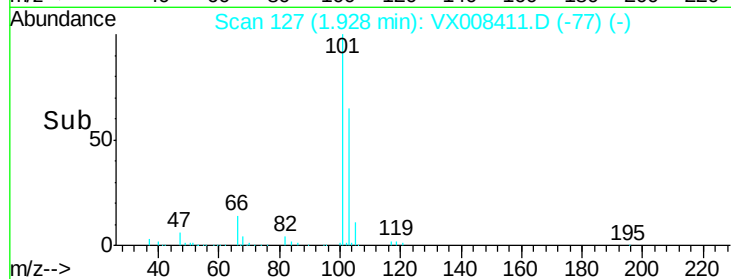
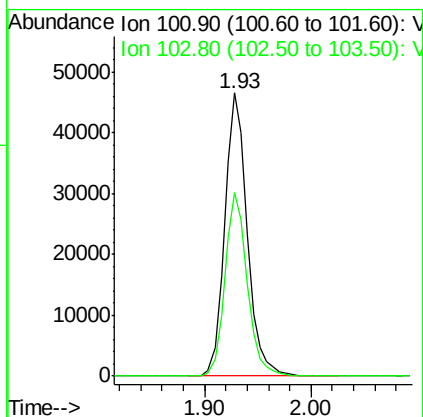
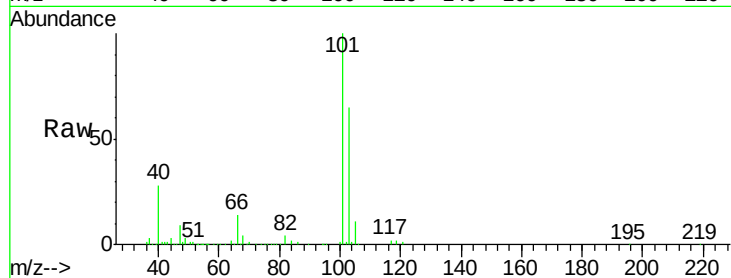


#7

Trichlorofluoromethane
 Concen: 19.500 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

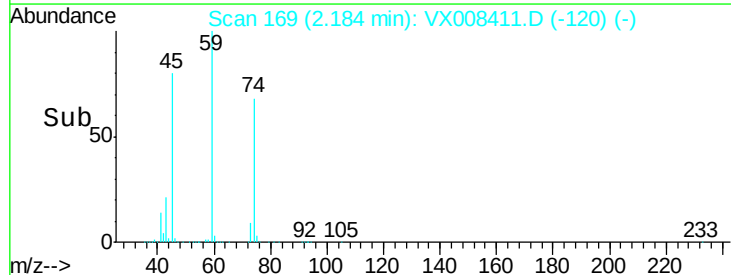
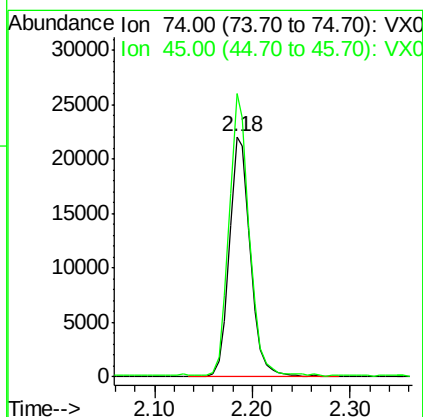
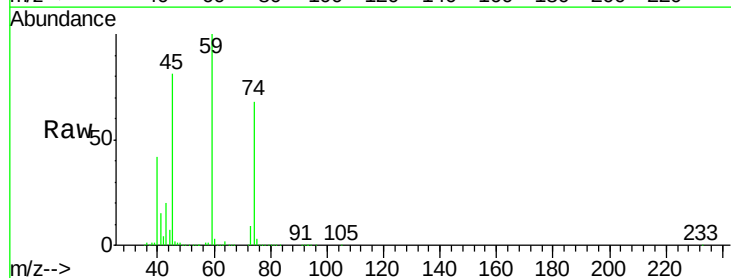
Tgt Ion:101 Resp: 68760
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.2 75.4

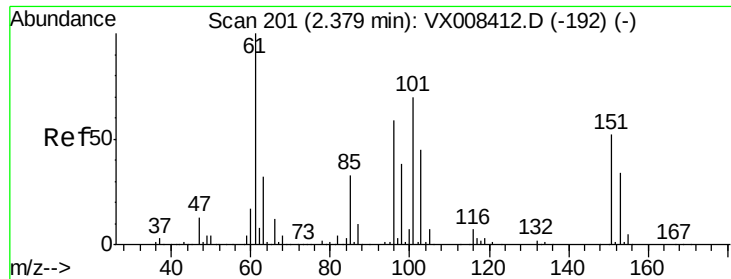


#8

Diethyl Ether
 Concen: 19.321 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion: 74 Resp: 32697
 Ion Ratio Lower Upper
 74 100
 45 113.8 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.581 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

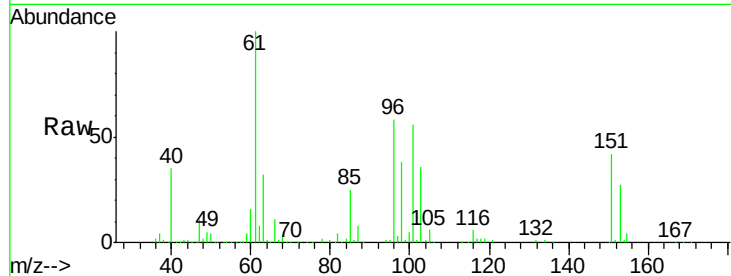
Tgt Ion:101 Resp: 41023

Ion Ratio Lower Upper

101 100

85 45.7 36.0 54.0

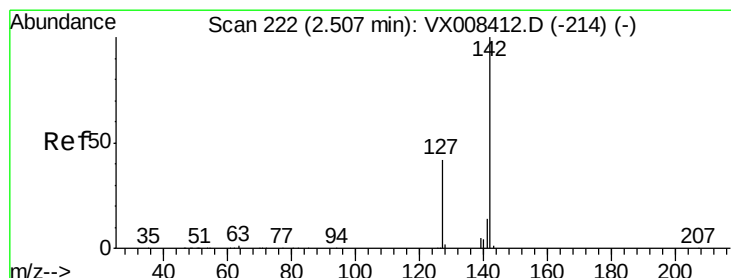
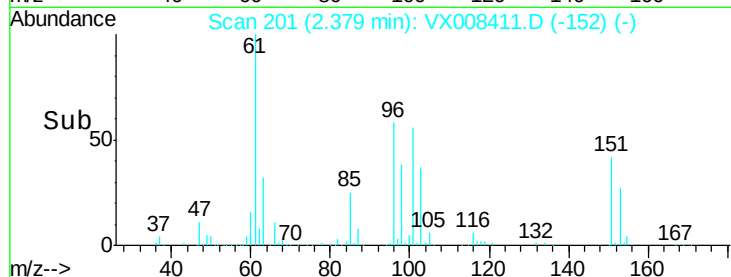
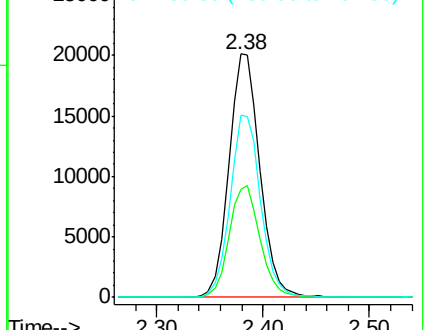
151 74.0 59.2 88.8



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: 13.651 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

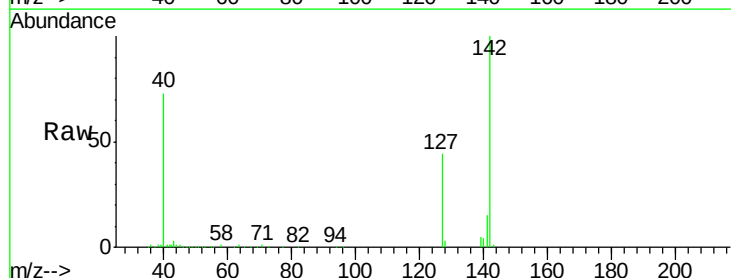
Tgt Ion:142 Resp: 34499

Ion Ratio Lower Upper

142 100

127 41.9 33.6 50.4

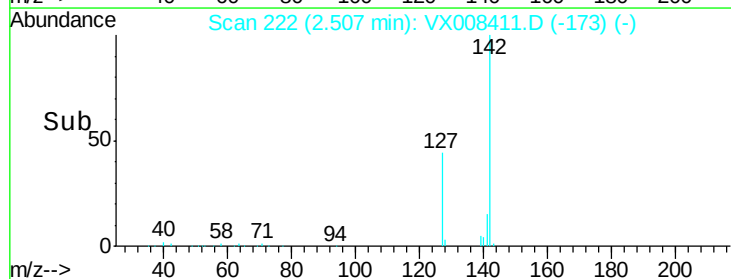
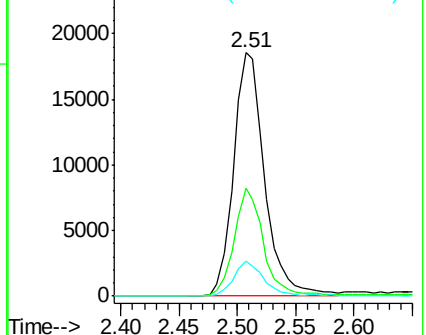
141 13.8 11.3 16.9

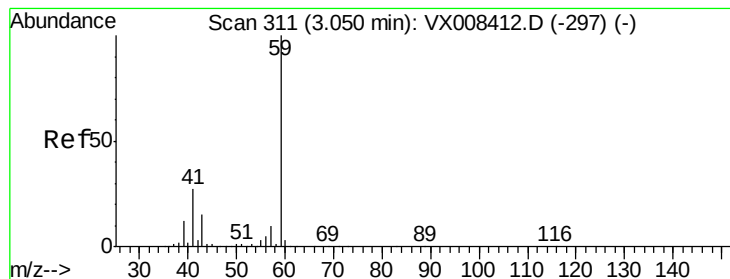


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.141 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

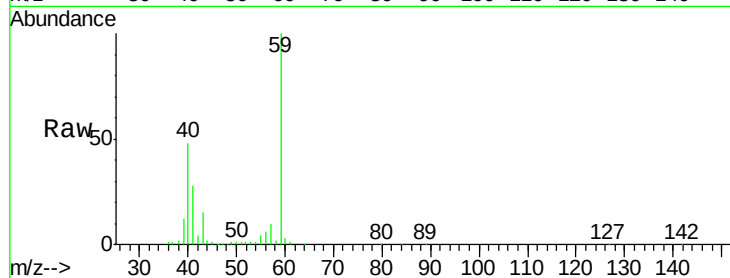
VSTDIC020

Tgt Ion: 59 Resp: 62939

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4

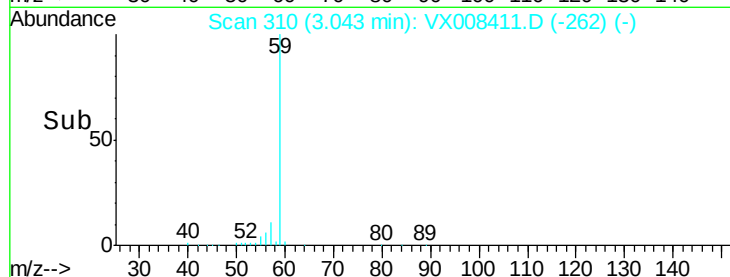


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

Time-->



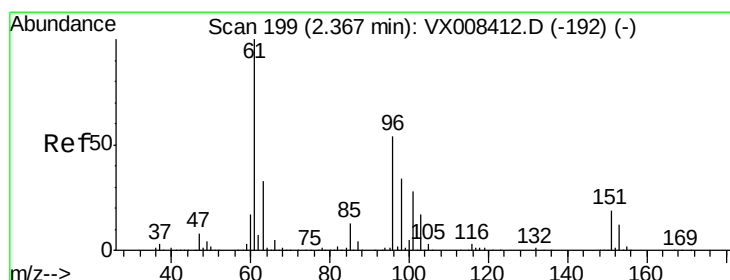
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.37

Time-->



#12

1,1-Dichloroethene

Concen: 19.679 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

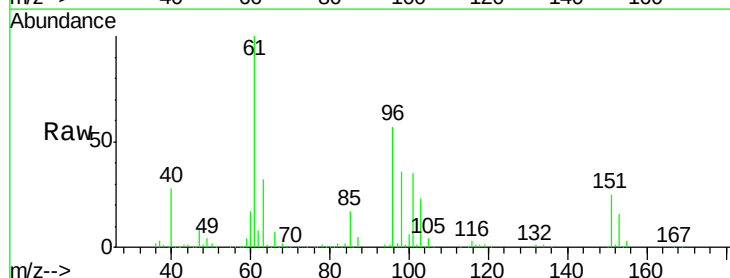
Tgt Ion: 96 Resp: 42709

Ion Ratio Lower Upper

96 100

61 175.7 146.9 220.3

98 63.3 50.1 75.1



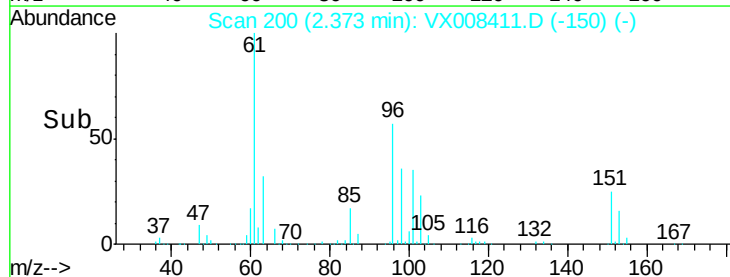
Abundance Ion 95.90 (95.60 to 96.60): VX0

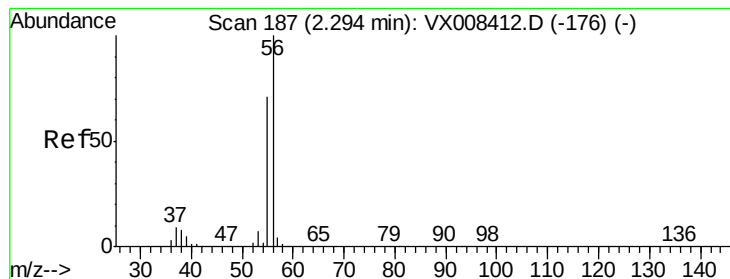
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.37

Time-->





#13

Acrolein

Concen: 84.731 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

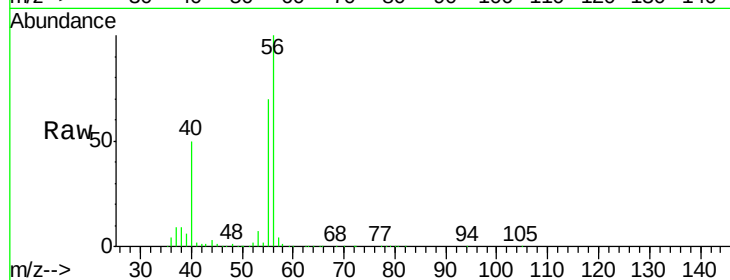
VSTDIC020

Tgt Ion: 56 Resp: 44710

Ion Ratio Lower Upper

56 100

55 70.4 56.5 84.7

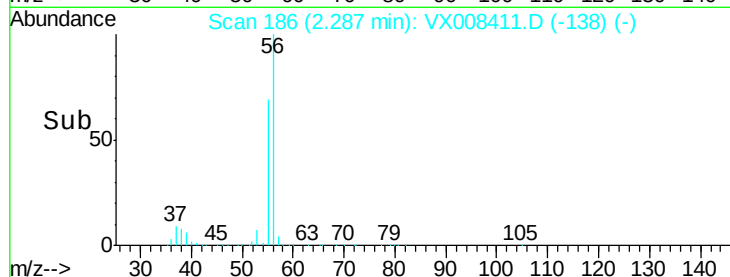


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->



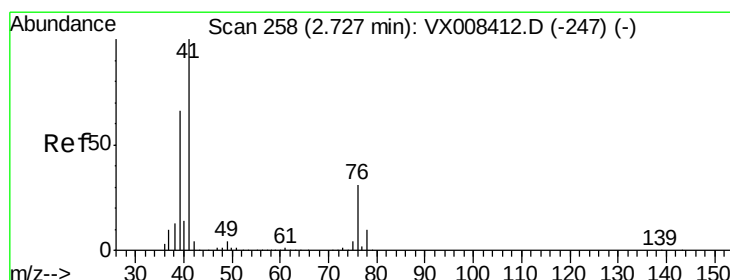
Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->



#14

Allyl chloride

Concen: 19.251 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

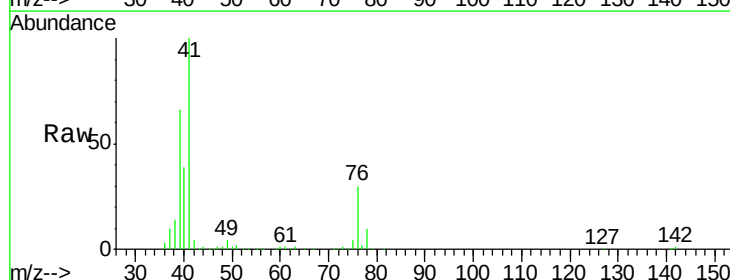
Tgt Ion: 41 Resp: 92111

Ion Ratio Lower Upper

41 100

39 63.2 49.6 74.4

76 28.7 22.6 34.0



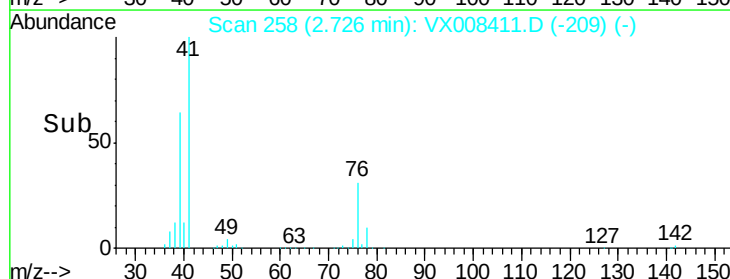
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

Time-->



Abundance

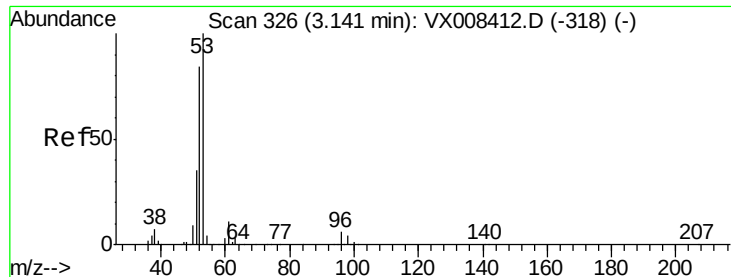
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

Time-->



#15

Acrylonitrile

Concen: 97.613 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

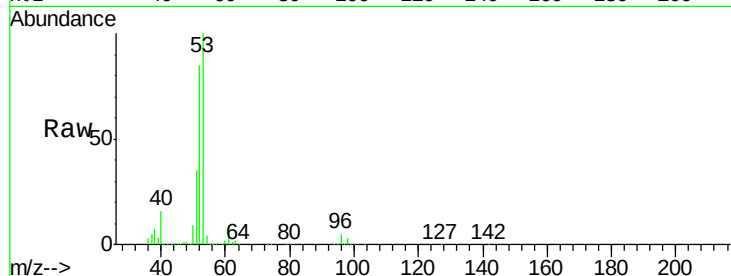
Tgt Ion: 53 Resp: 160980

Ion Ratio Lower Upper

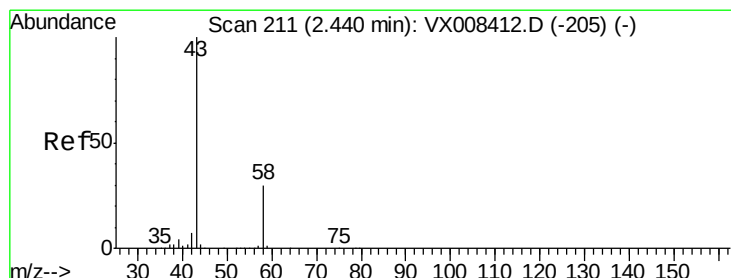
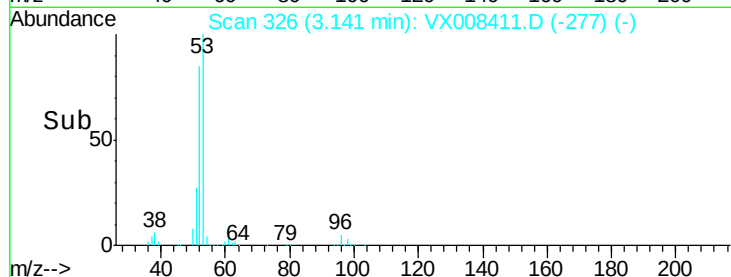
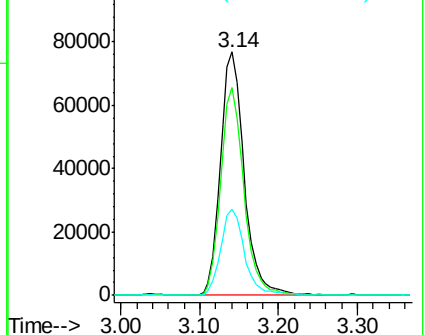
53 100

52 83.8 66.5 99.7

51 35.4 28.3 42.5



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



#16

Acetone

Concen: 104.741 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008411.D

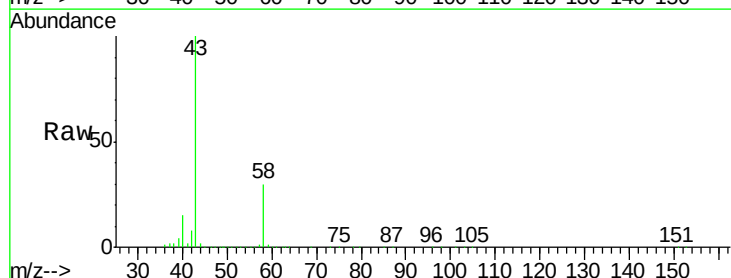
Acq: 25 Mar 2019 14:30

Tgt Ion: 43 Resp: 152319

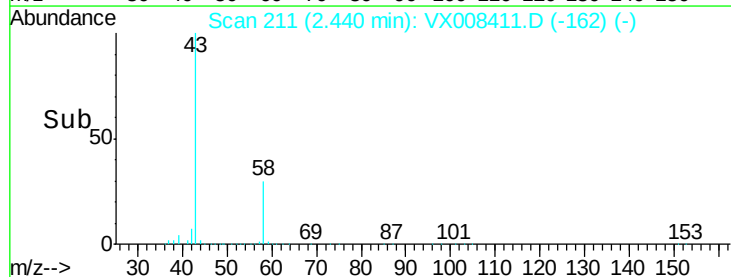
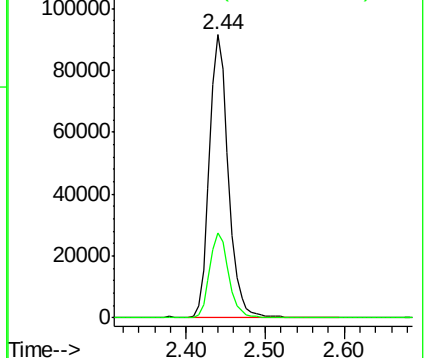
Ion Ratio Lower Upper

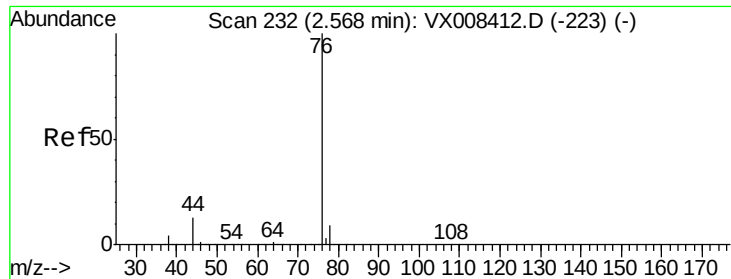
43 100

58 30.1 24.2 36.2



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





#17

Carbon Disulfide

Concen: 18.561 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

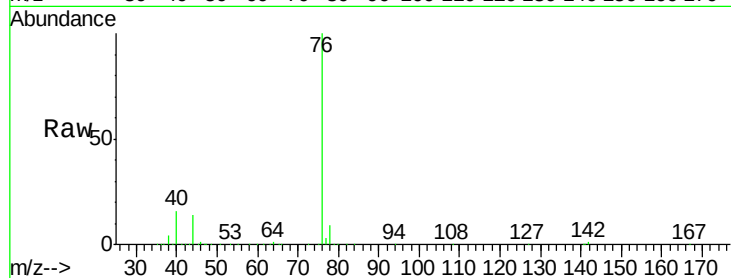
VSTDIC020

Tgt Ion: 76 Resp: 128442

Ion Ratio Lower Upper

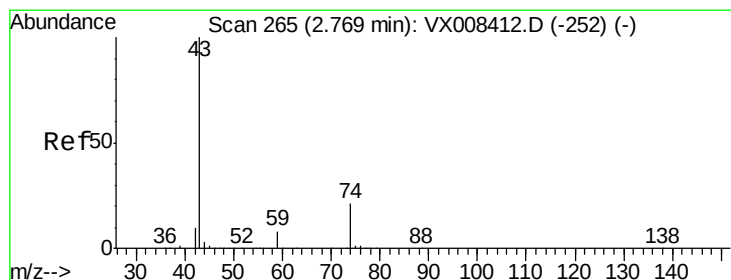
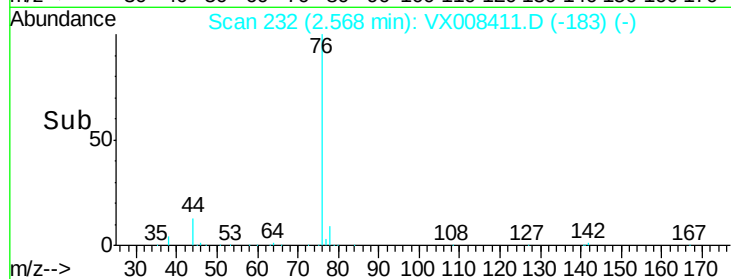
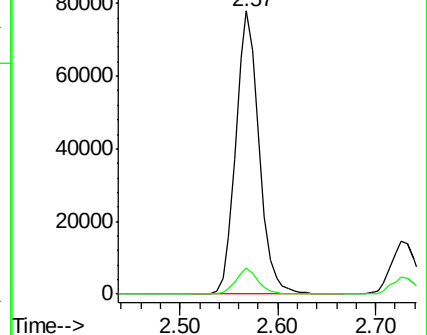
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.154 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX008411.D

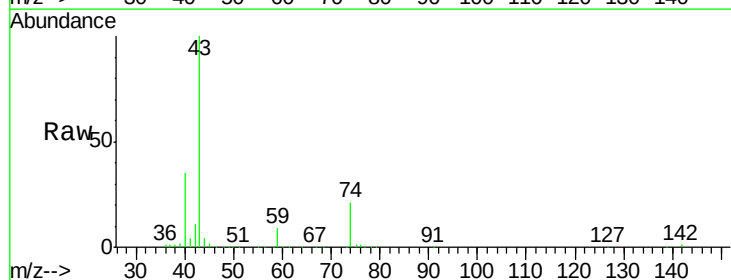
Acq: 25 Mar 2019 14:30

Tgt Ion: 43 Resp: 69226

Ion Ratio Lower Upper

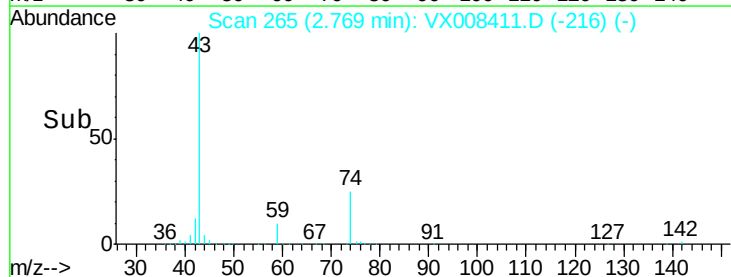
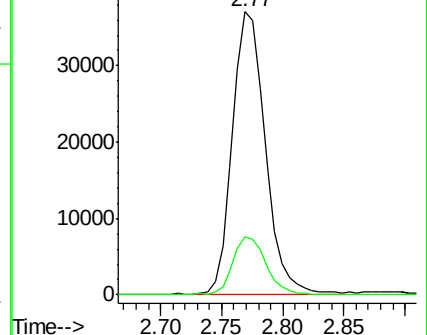
43 100

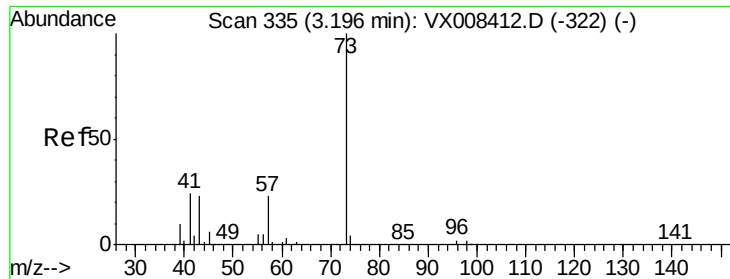
74 21.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

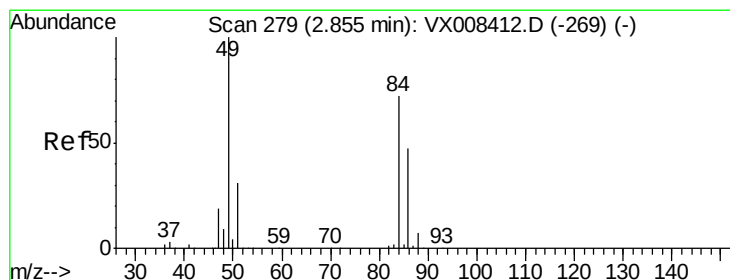
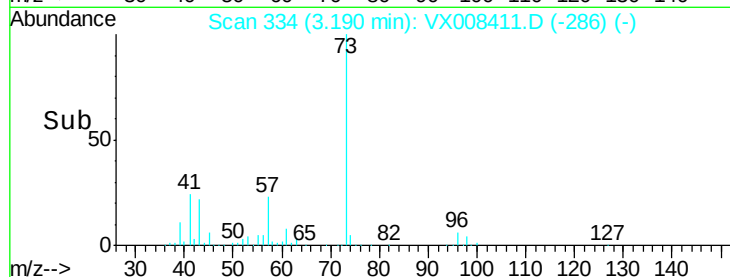
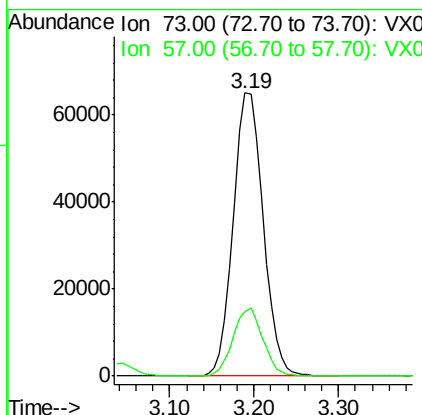
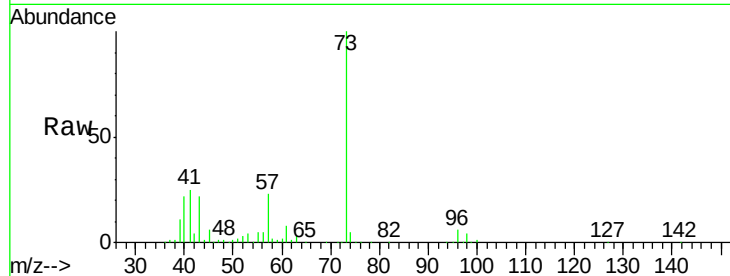




#19
Methyl tert-butyl Ether
Concen: 20.042 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

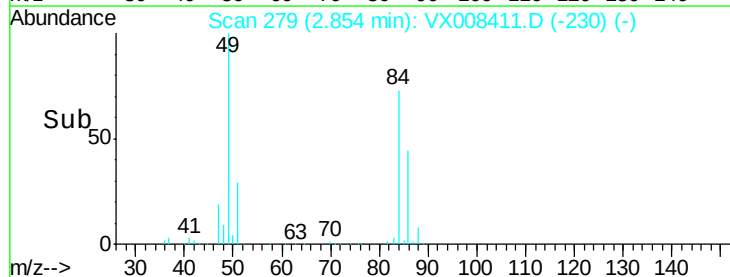
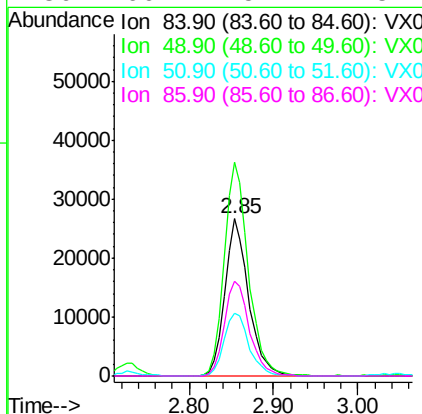
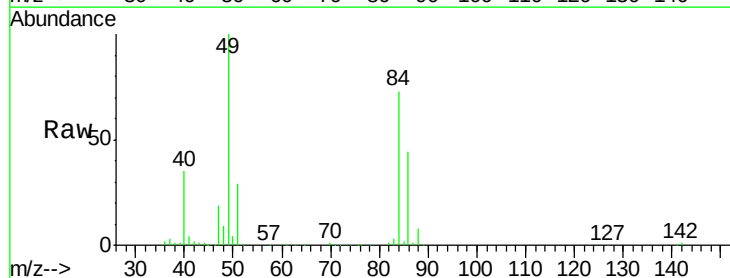
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

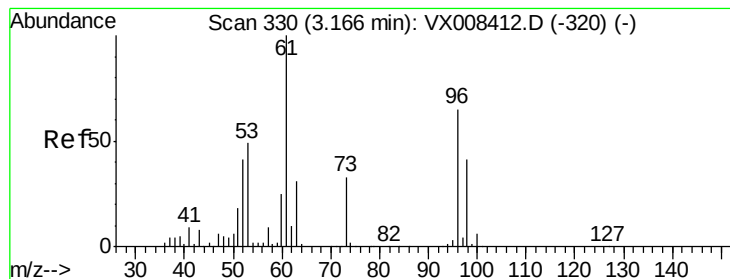
Tgt Ion: 73 Resp: 156471
Ion Ratio Lower Upper
73 100
57 22.7 18.6 28.0



#20
Methylene Chloride
Concen: 19.606 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion: 84 Resp: 51349
Ion Ratio Lower Upper
84 100
49 136.1 110.6 165.8
51 40.1 33.9 50.9
86 60.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.355 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

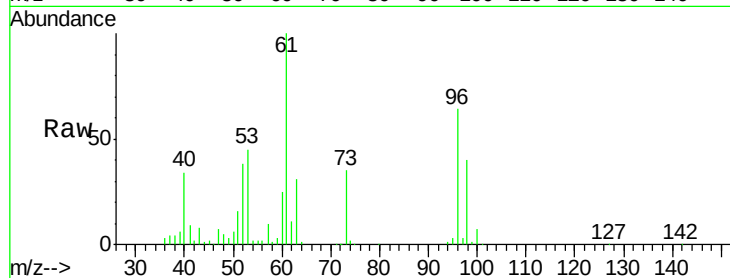
Tgt Ion: 96 Resp: 45324

Ion Ratio Lower Upper

96 100

61 156.4 122.6 184.0

98 62.1 50.9 76.3

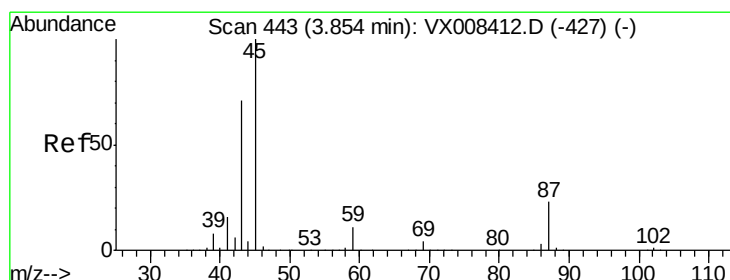
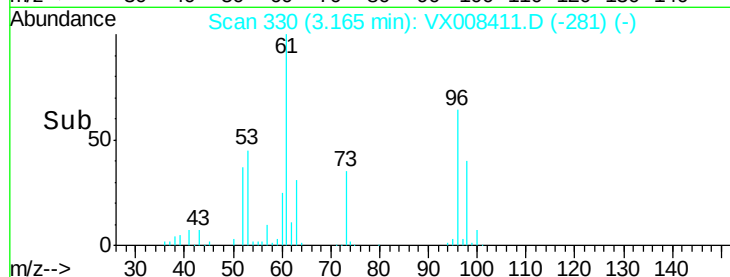
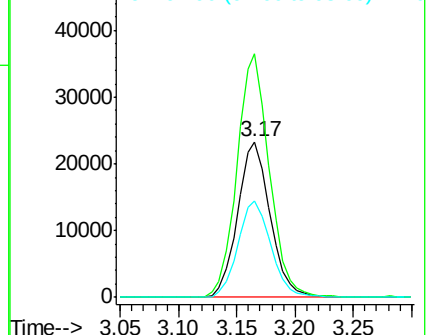


Abundance

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: 20.282 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Tgt Ion: 45 Resp: 189282

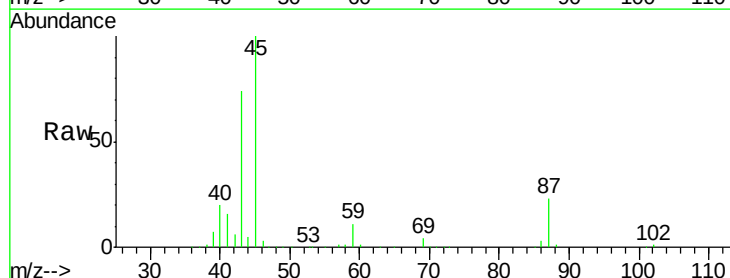
Ion Ratio Lower Upper

45 100

43 74.1 57.1 85.7

87 23.1 18.8 28.2

59 11.0 8.7 13.1



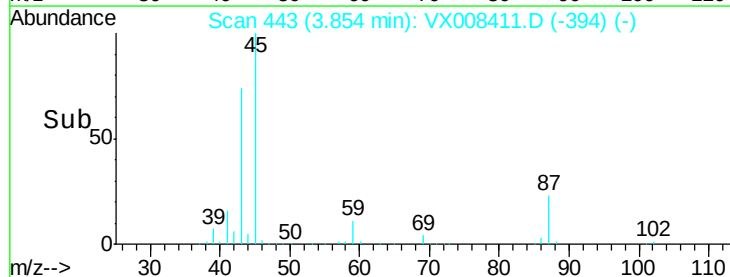
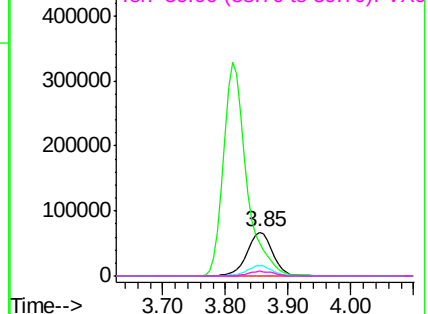
Abundance

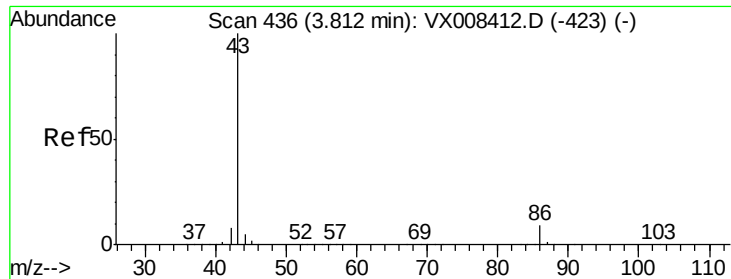
Ion 45.00 (44.70 to 45.70): VX0

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: 101.919 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

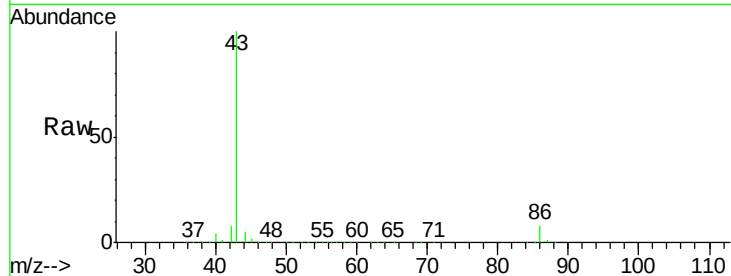
VSTDIC020

Tgt Ion: 43 Resp: 838834

Ion Ratio Lower Upper

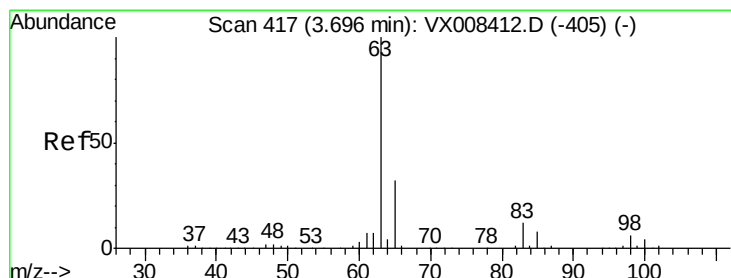
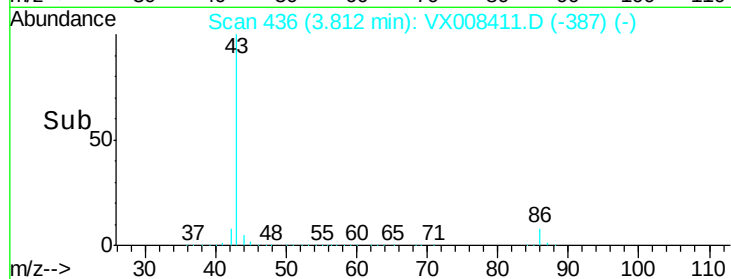
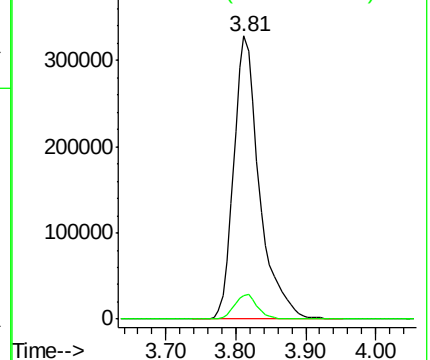
43 100

86 8.4 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: 19.858 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

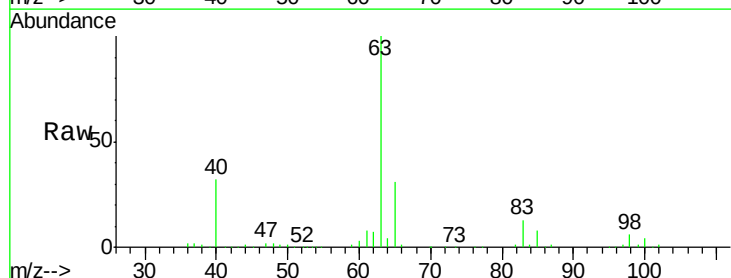
Tgt Ion: 63 Resp: 94396

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

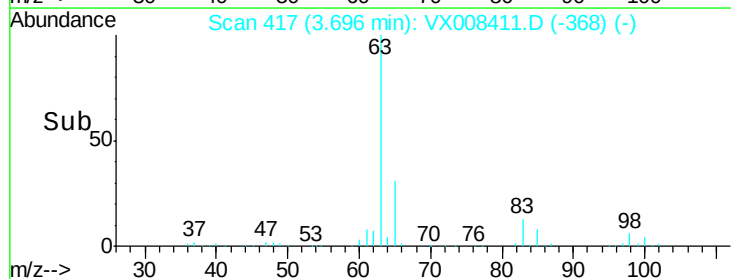
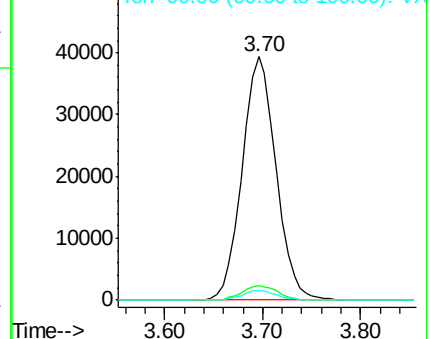
100 3.8 2.0 5.8

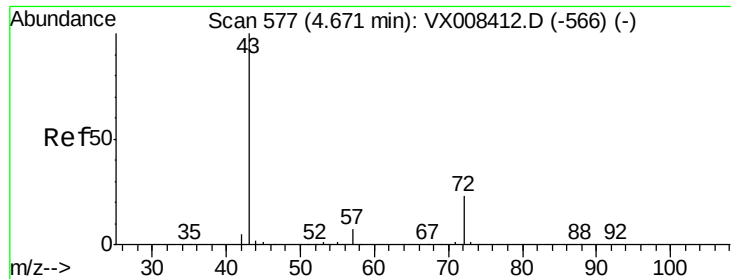


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.842 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

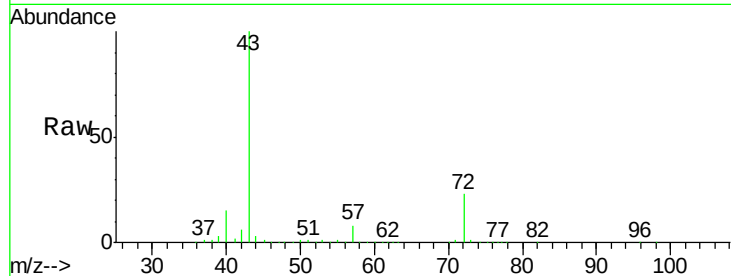
VSTDIC020

Tgt Ion: 43 Resp: 237897

Ion Ratio Lower Upper

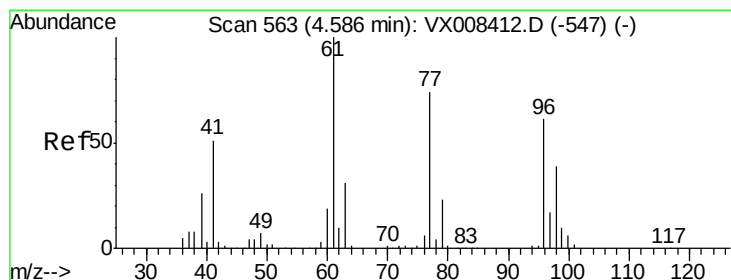
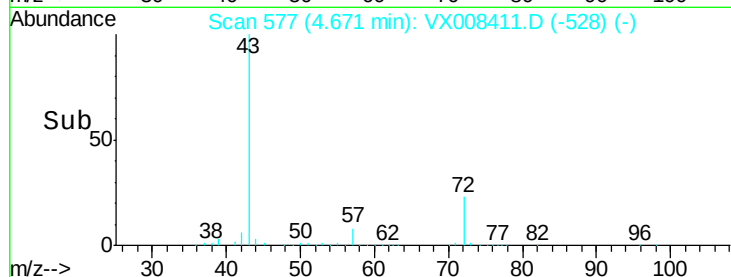
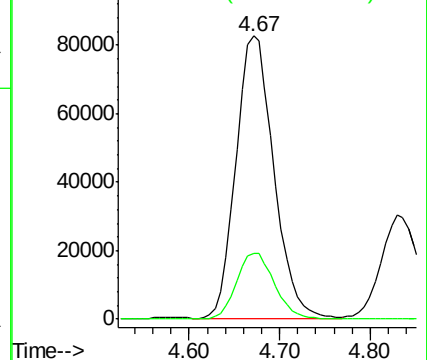
43 100

72 23.0 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: 20.320 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008411.D

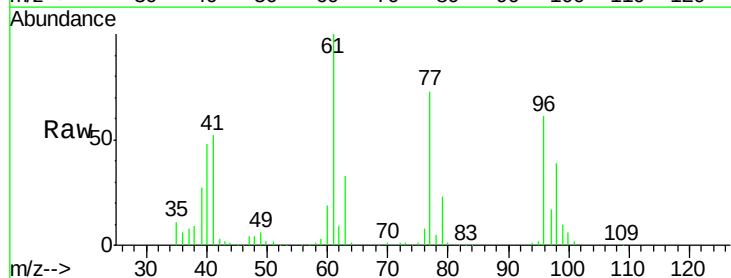
Acq: 25 Mar 2019 14:30

Tgt Ion: 77 Resp: 62660

Ion Ratio Lower Upper

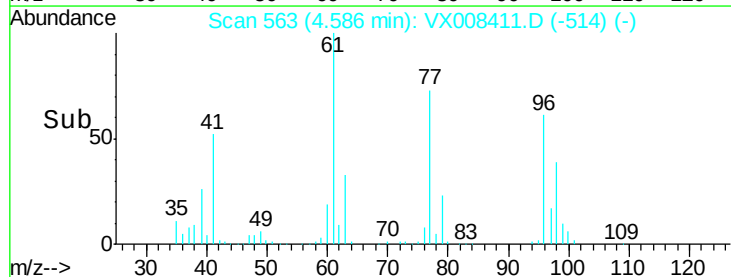
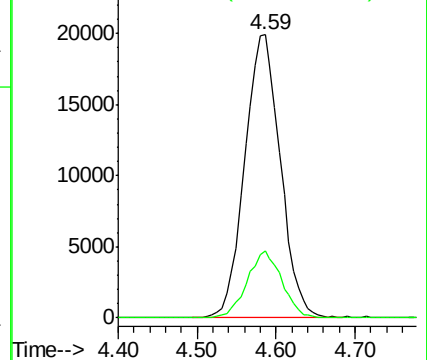
77 100

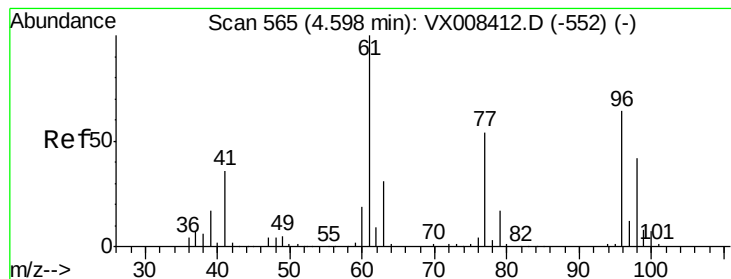
97 23.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



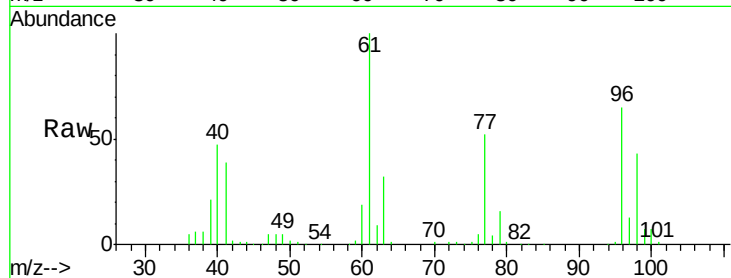


#27

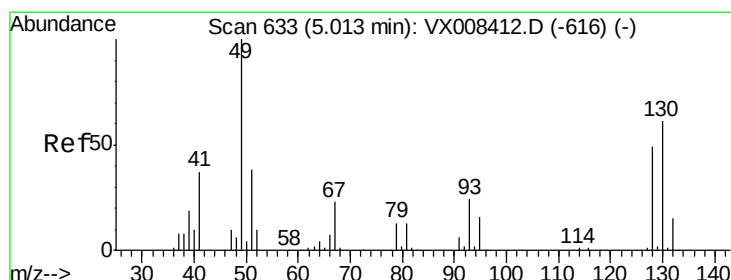
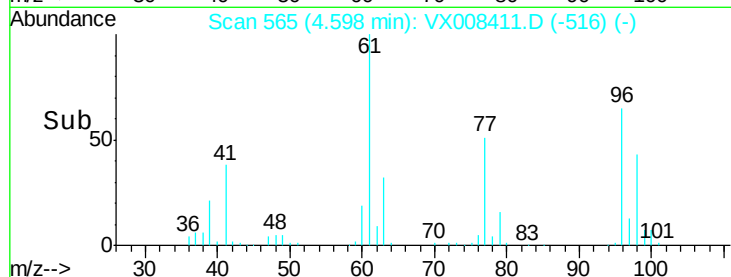
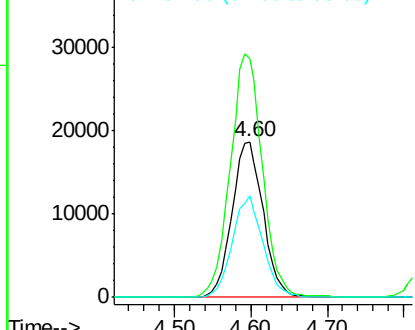
cis-1,2-Dichloroethene
Concen: 19.606 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 52615
Ion Ratio Lower Upper
96 100
61 161.9 0.0 325.6
98 64.2 0.0 130.0



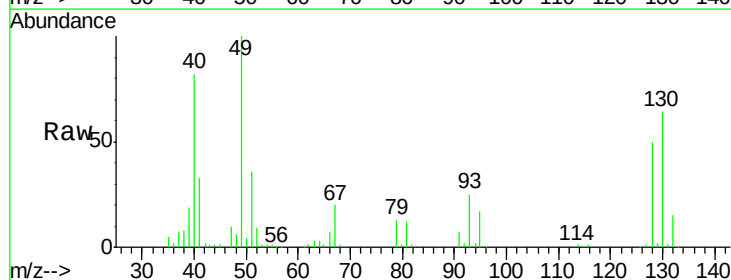
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



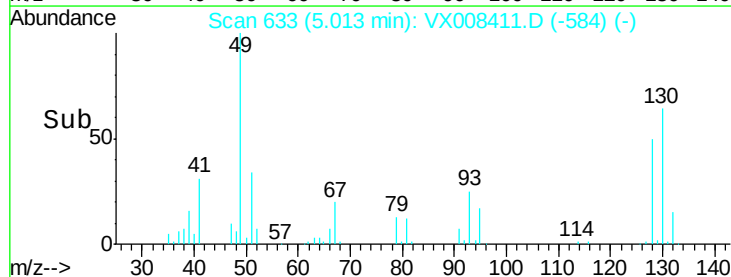
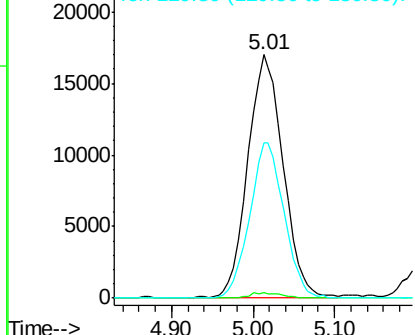
#28

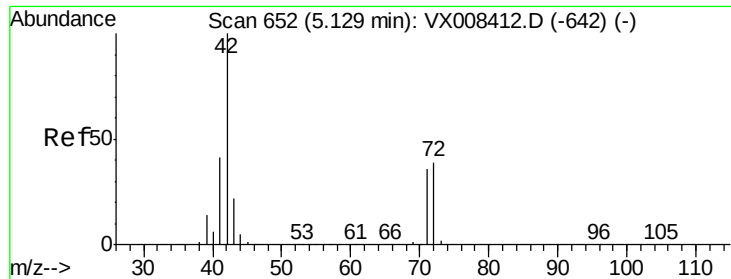
Bromochloromethane
Concen: 22.008 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion: 49 Resp: 51473
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 62.3 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

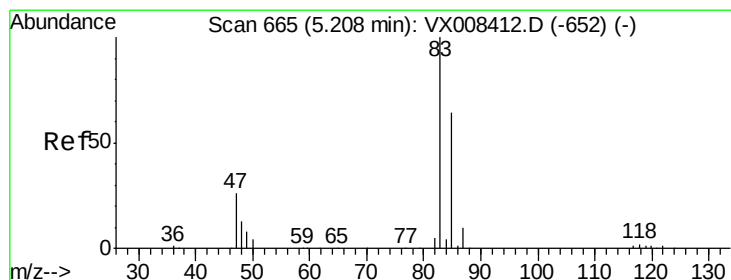
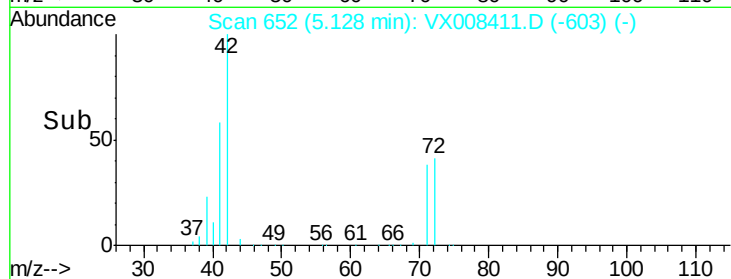
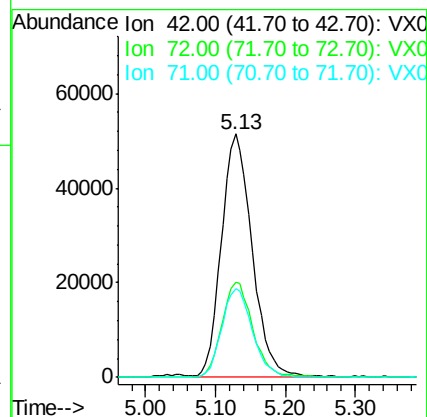
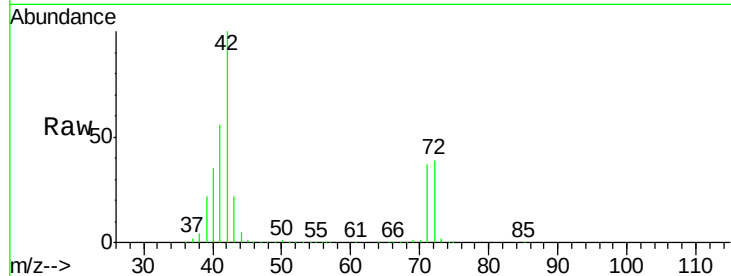




#29
Tetrahydrofuran
Concen: 98.741 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

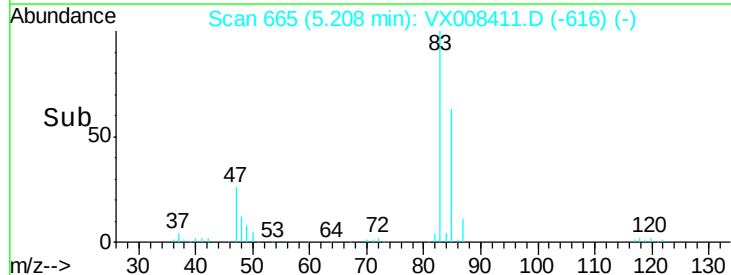
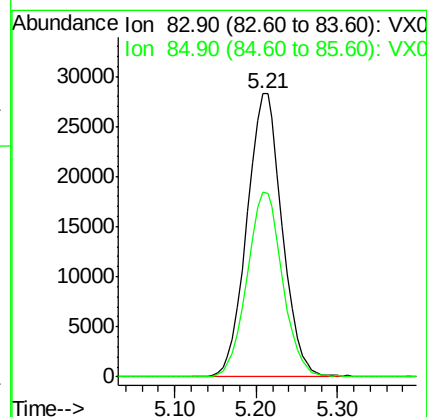
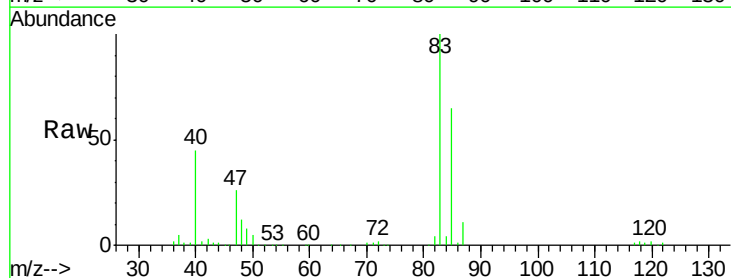
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

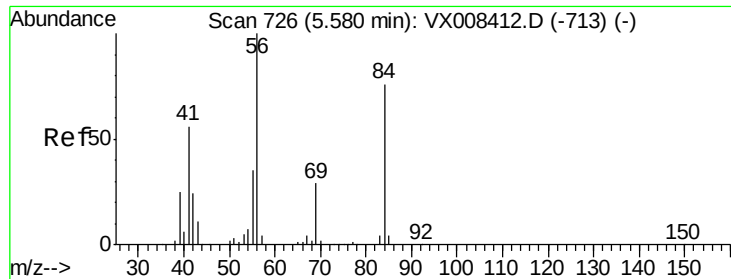
Tgt Ion: 42 Resp: 155464
Ion Ratio Lower Upper
42 100
72 39.8 31.4 47.2
71 37.0 29.4 44.2



#30
Chloroform
Concen: 19.832 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion: 83 Resp: 85055
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2

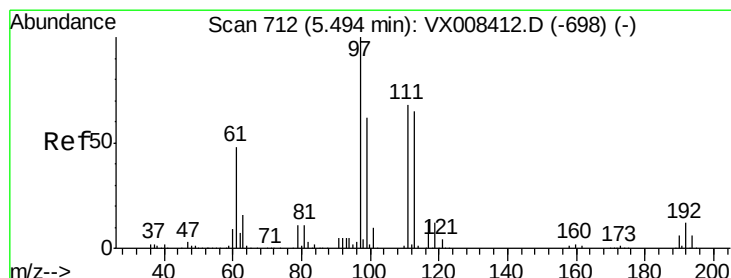
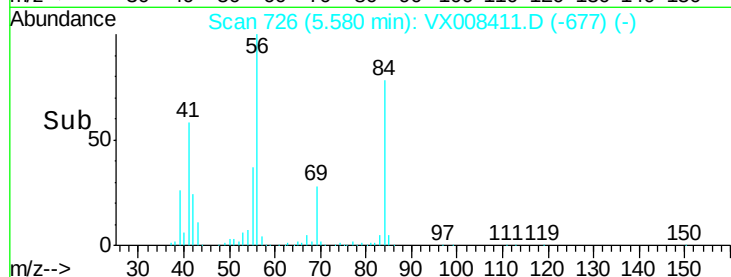
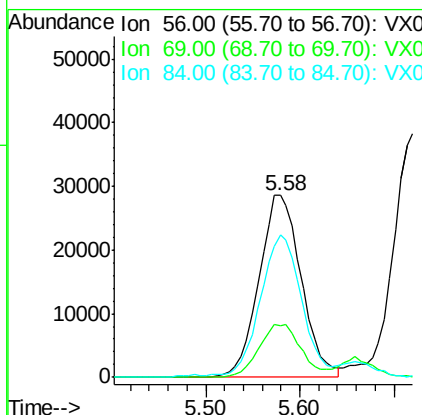
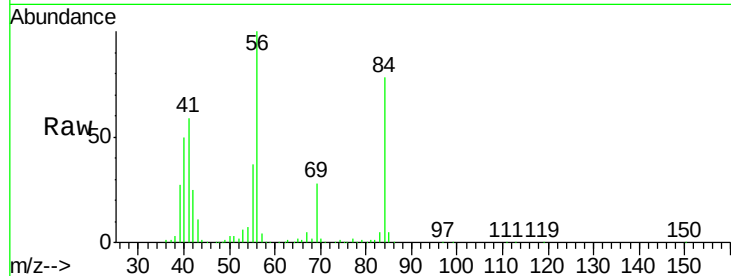




#31
Cyclohexane
Concen: 19.704 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

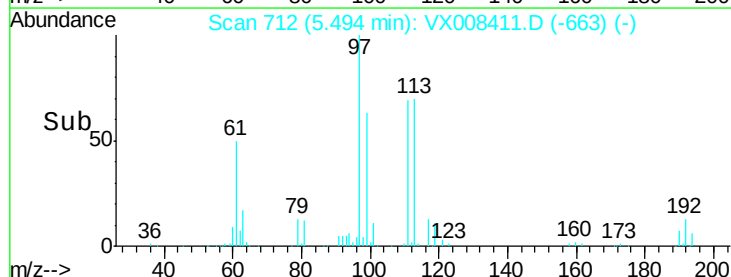
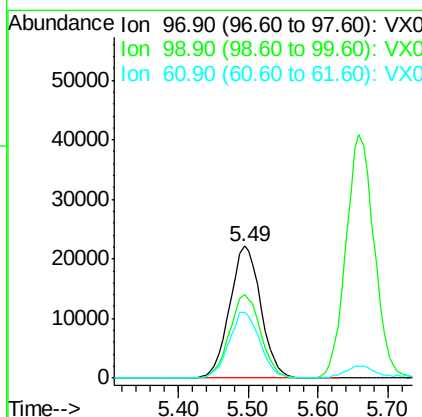
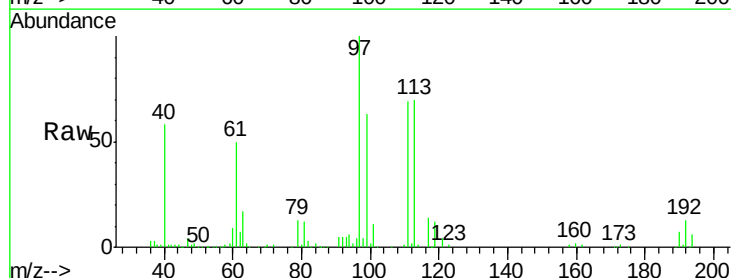
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

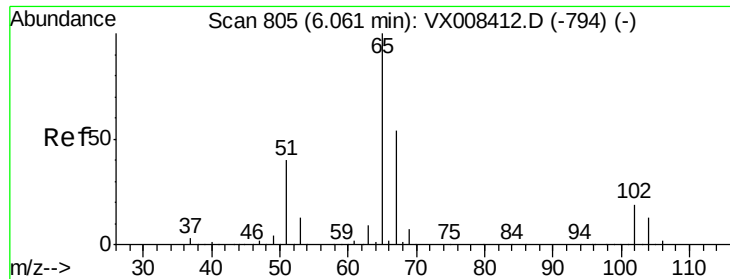
Tgt Ion: 56 Resp: 89655
Ion Ratio Lower Upper
56 100
69 28.1 23.2 34.8
84 77.2 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 20.083 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion: 97 Resp: 68288
Ion Ratio Lower Upper
97 100
99 63.3 51.5 77.3
61 49.6 38.8 58.2

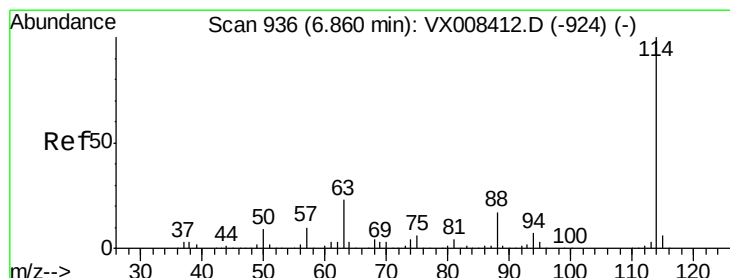
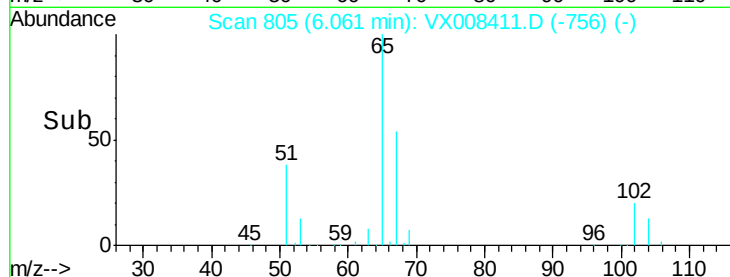
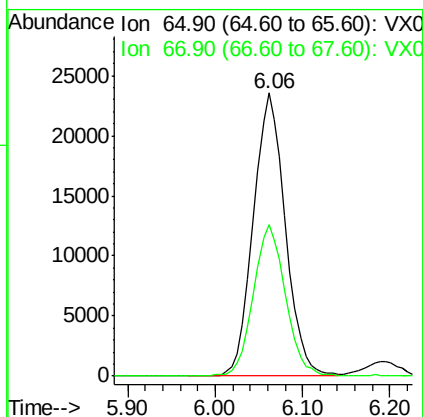
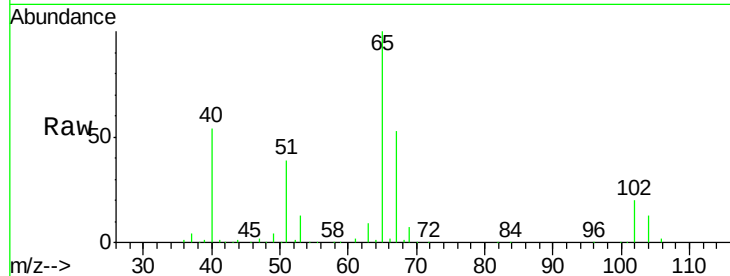




#33
 1,2-Dichloroethane-d4
 Concen: 20.833 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

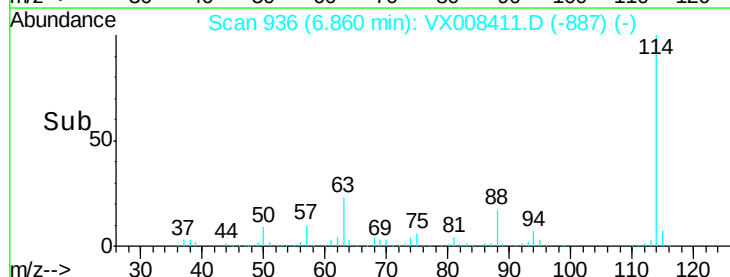
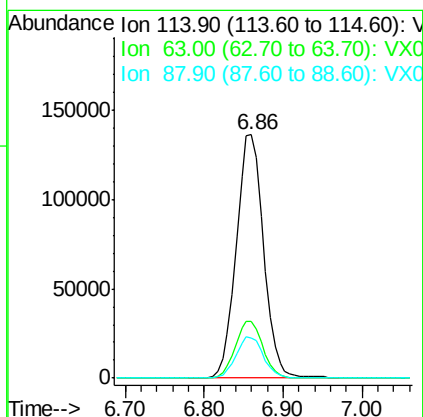
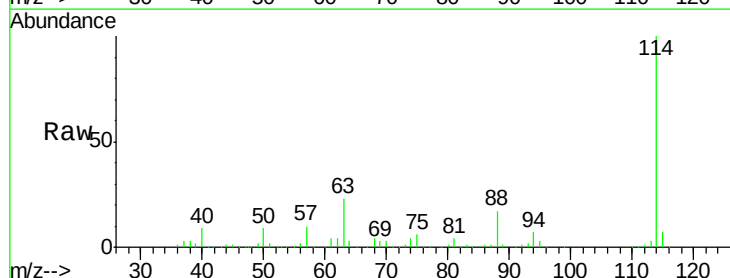
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

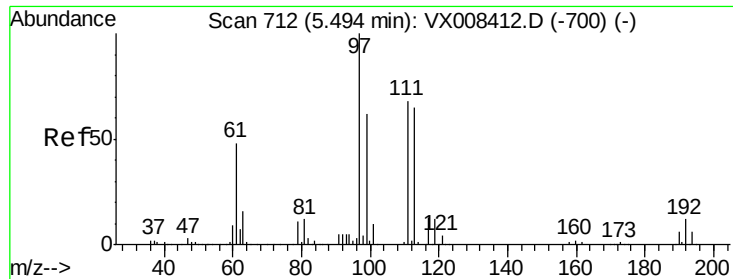
Tgt Ion: 65 Resp: 60166
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion: 114 Resp: 329048
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 20.947 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

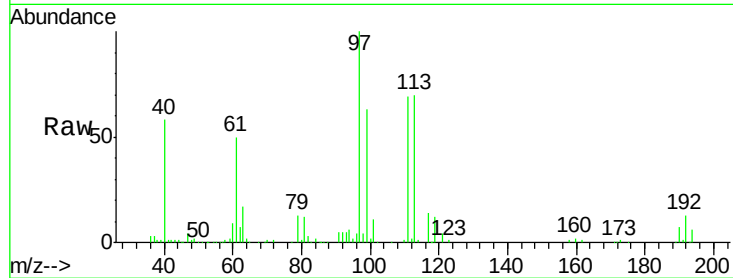
Tgt Ion:113 Resp: 44572

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

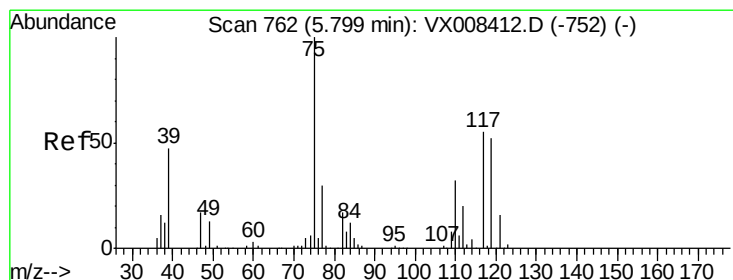
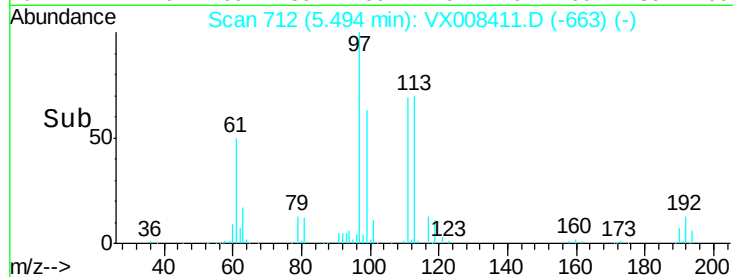
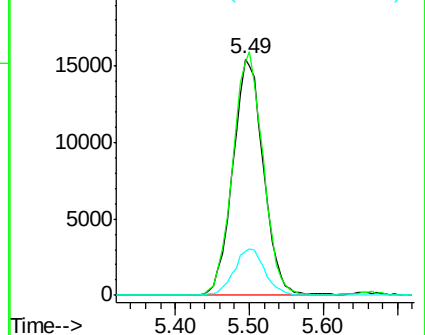
192 19.7 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.463 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

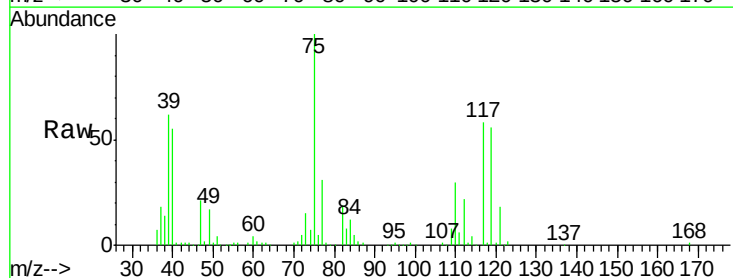
Tgt Ion: 75 Resp: 65340

Ion Ratio Lower Upper

75 100

110 33.0 16.6 49.7

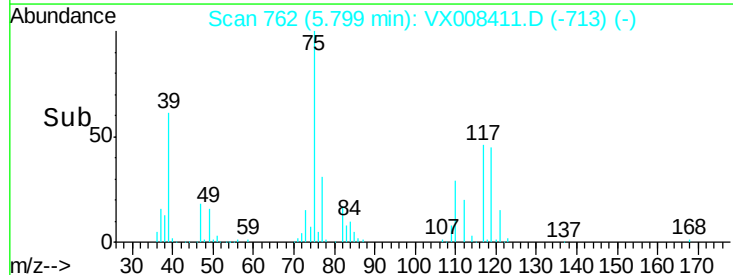
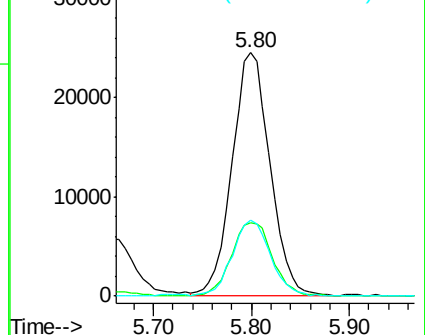
77 31.1 24.2 36.2

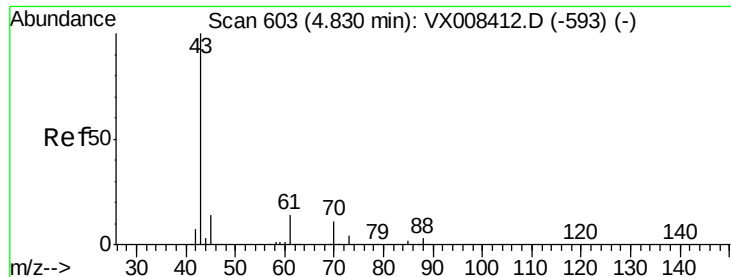


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

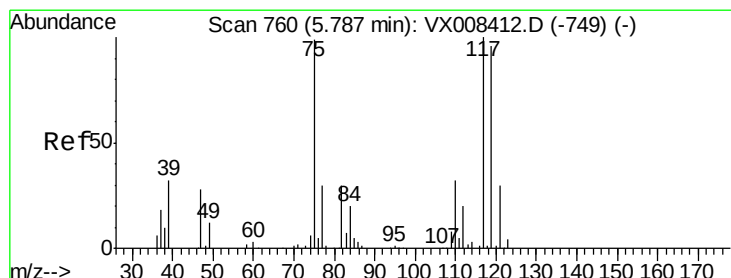
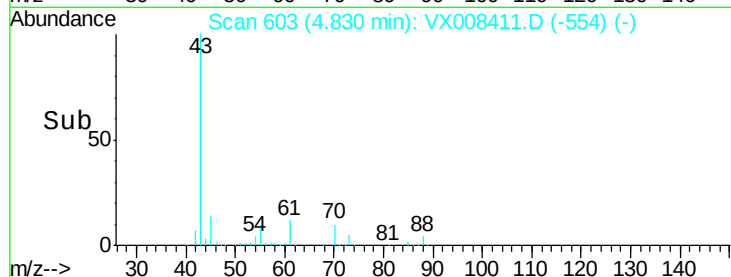
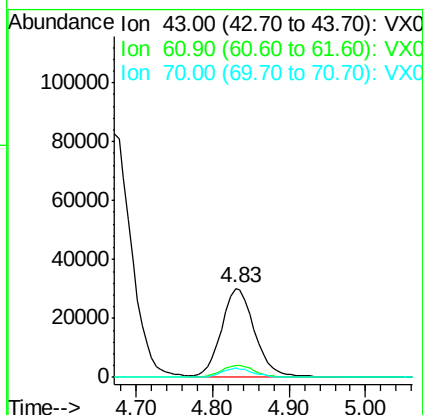
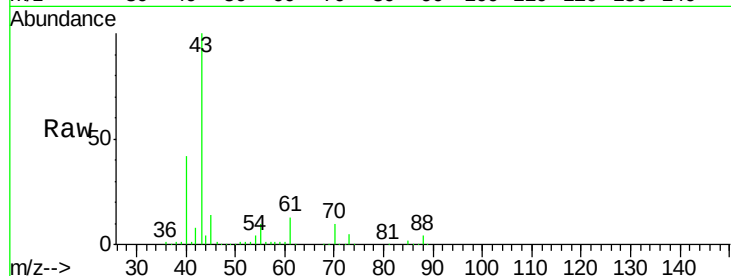




#37
Ethyl Acetate
Concen: 19.761 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

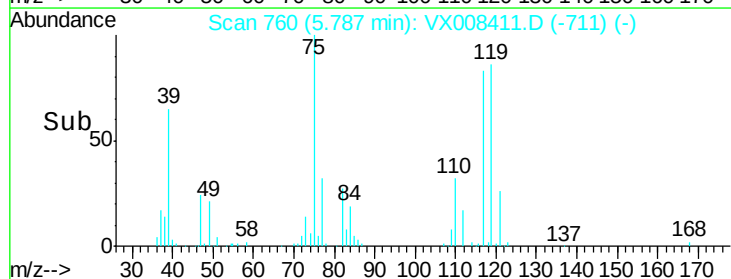
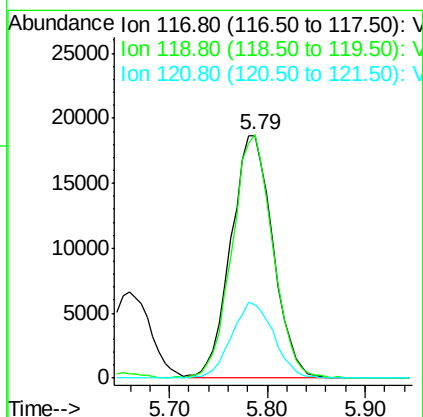
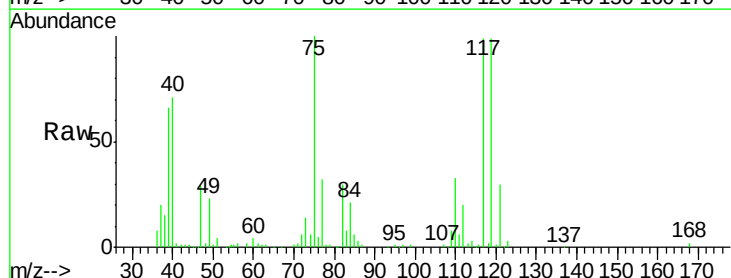
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

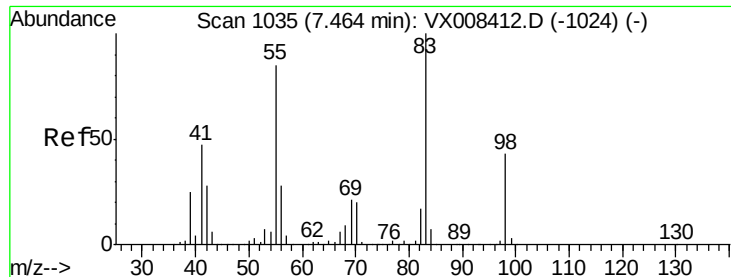
Tgt Ion: 43 Resp: 89408
Ion Ratio Lower Upper
43 100
61 13.2 10.5 15.7
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.253 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion: 117 Resp: 55544
Ion Ratio Lower Upper
117 100
119 99.7 76.7 115.1
121 30.4 24.3 36.5

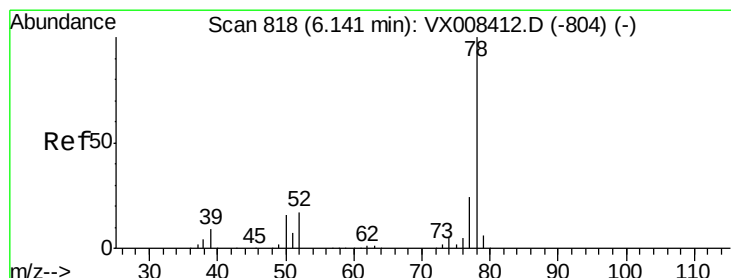
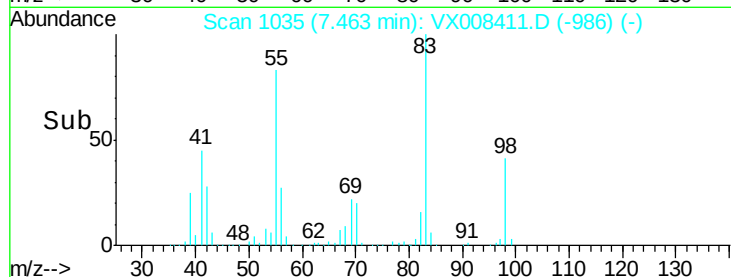
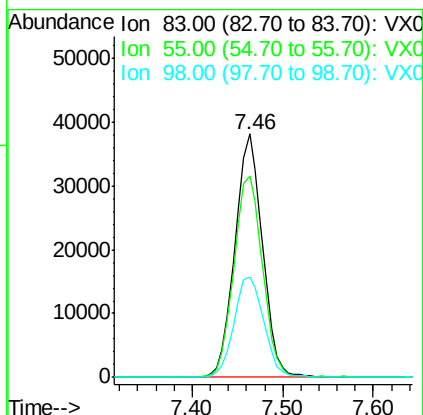
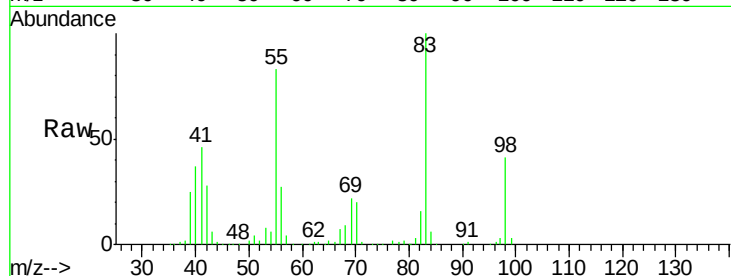




#39
Methylcyclohexane
Concen: 19.542 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

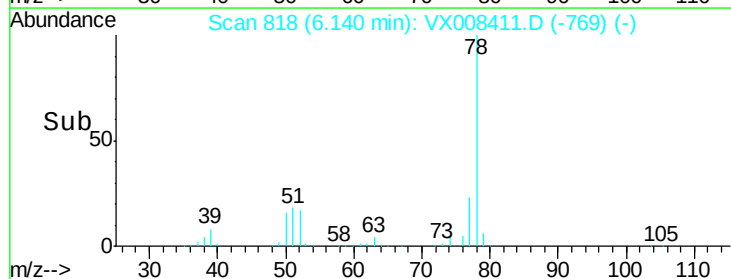
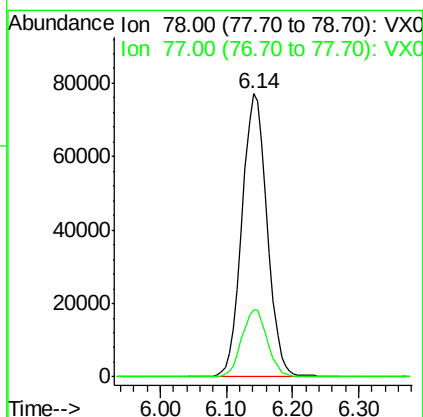
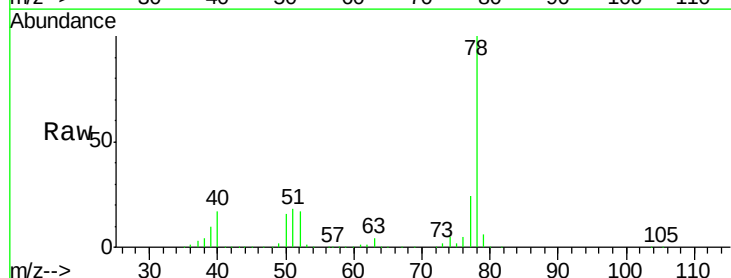
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

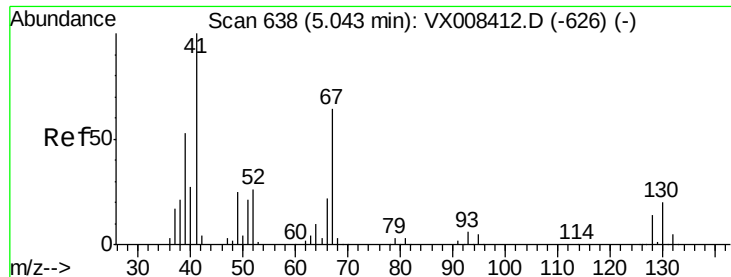
Tgt Ion: 83 Resp: 80477
Ion Ratio Lower Upper
83 100
55 82.7 68.2 102.4
98 41.0 34.2 51.4



#40
Benzene
Concen: 19.988 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion: 78 Resp: 204599
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 20.057 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 49572

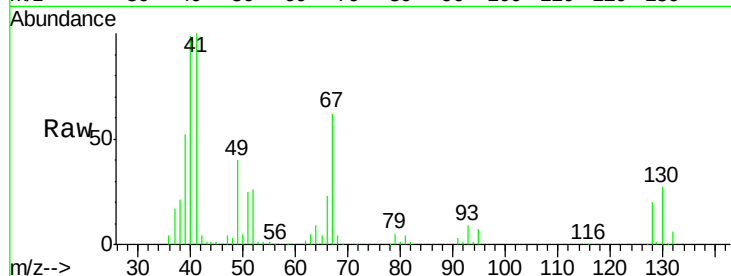
Ion Ratio Lower Upper

41 100

39 53.8 42.6 64.0

67 66.5 52.2 78.4

52 27.0 21.4 32.0

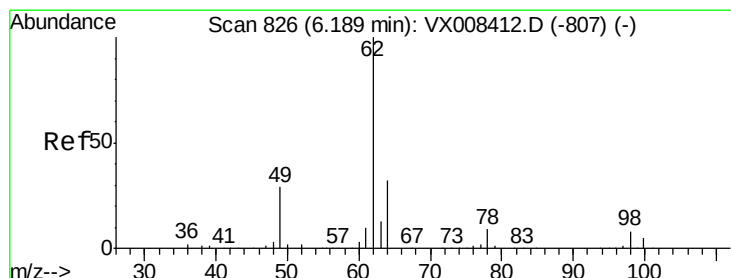
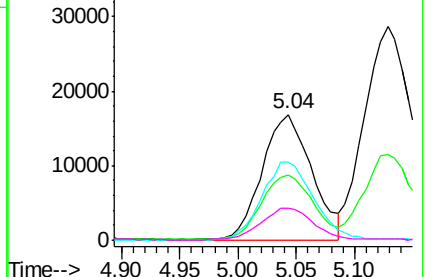
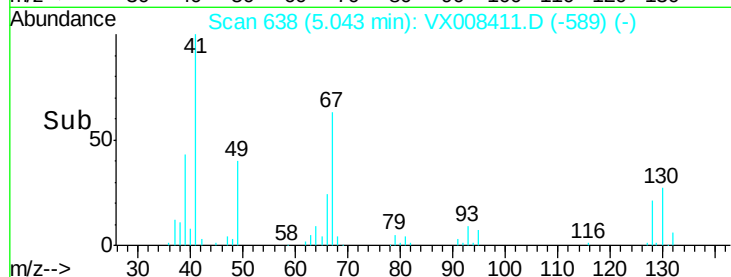


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.742 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX008411.D

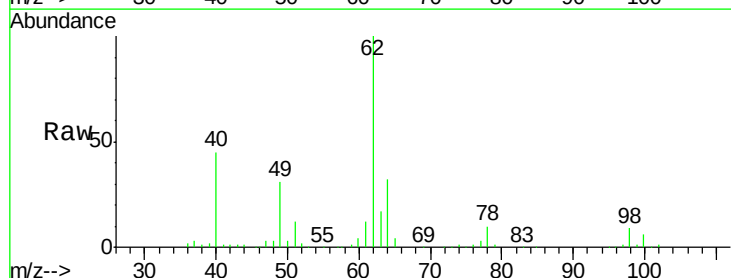
Acq: 25 Mar 2019 14:30

Tgt Ion: 62 Resp: 73351

Ion Ratio Lower Upper

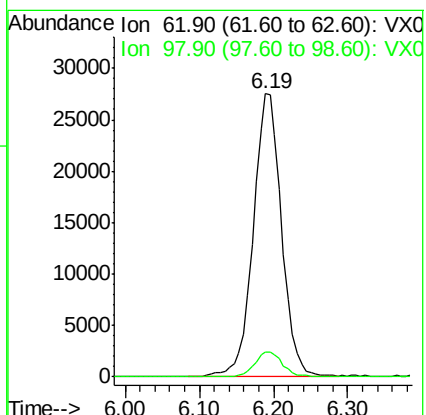
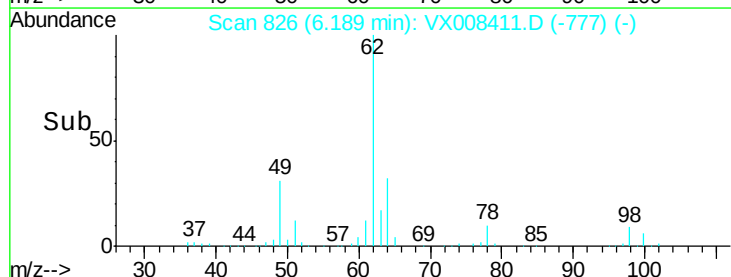
62 100

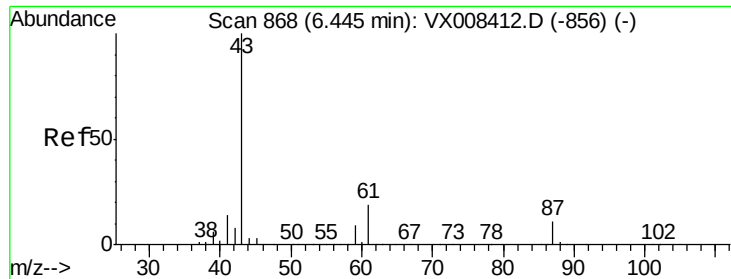
98 8.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.661 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

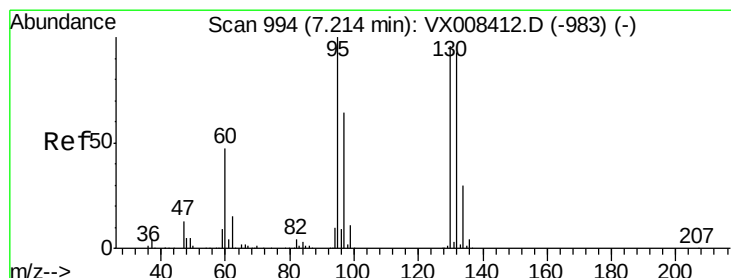
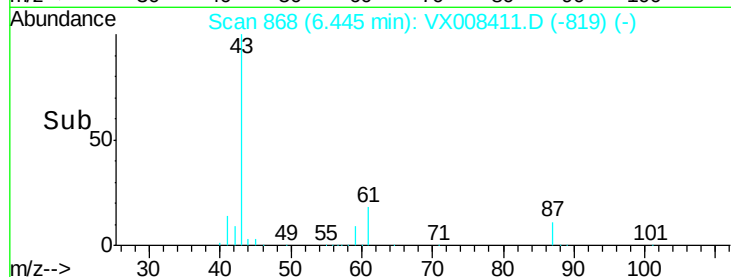
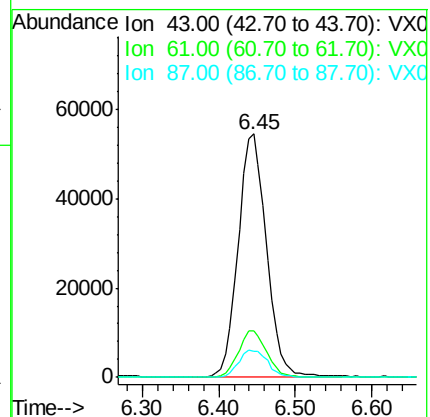
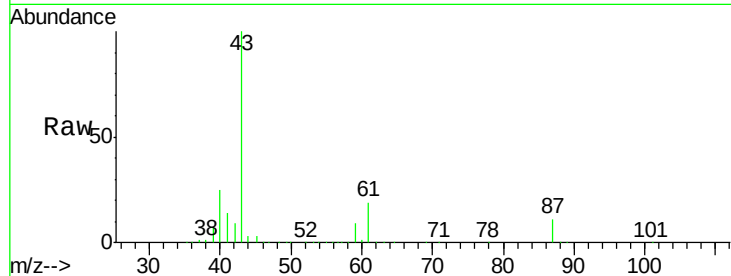
Tgt Ion: 43 Resp: 138894

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.2

87 11.8 9.1 13.7



#44

Trichloroethene

Concen: 19.187 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008411.D

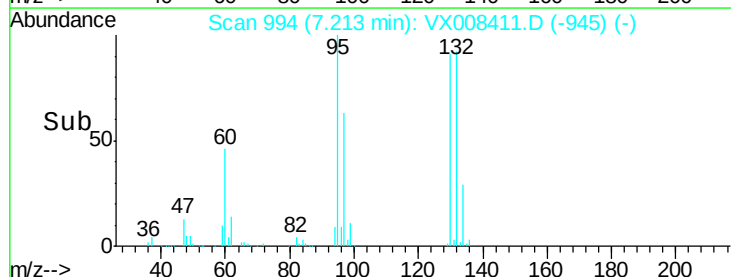
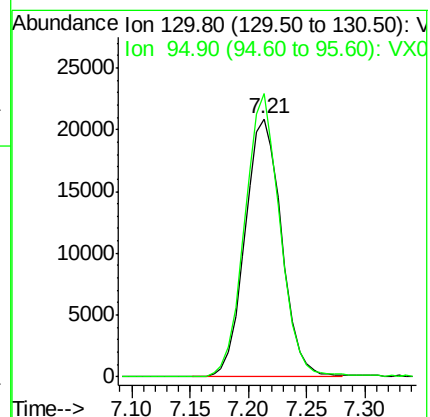
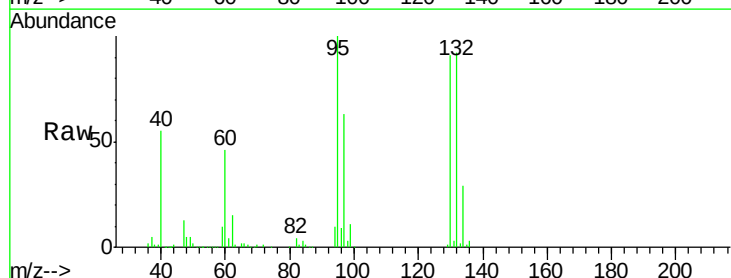
Acq: 25 Mar 2019 14:30

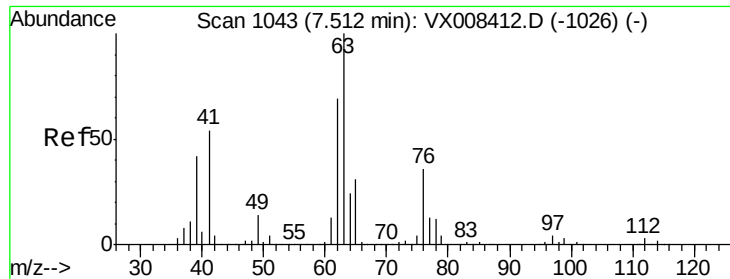
Tgt Ion:130 Resp: 45646

Ion Ratio Lower Upper

130 100

95 109.7 0.0 208.8

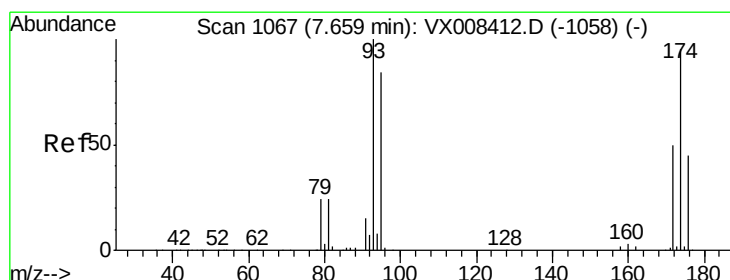
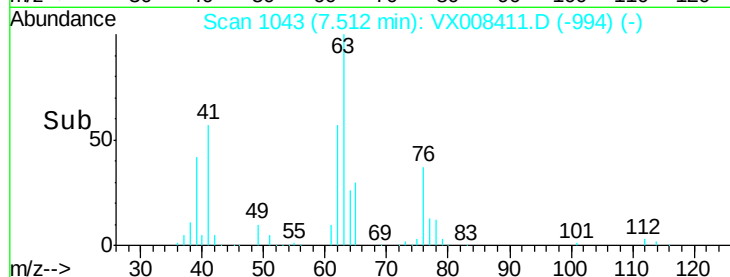
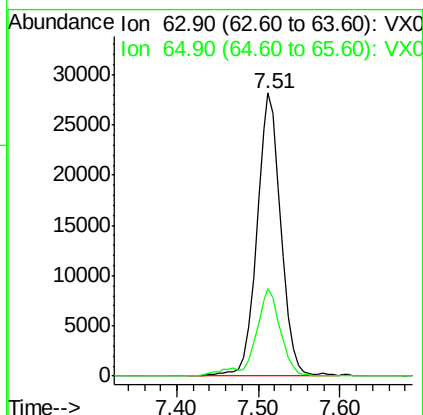
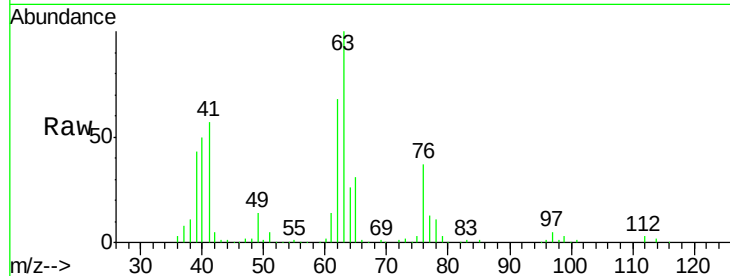




#45
 1,2-Dichloropropane
 Concen: 19.941 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

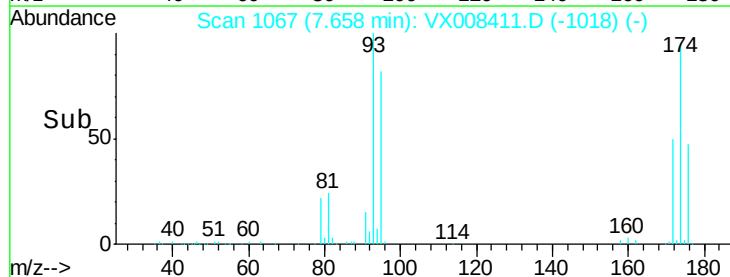
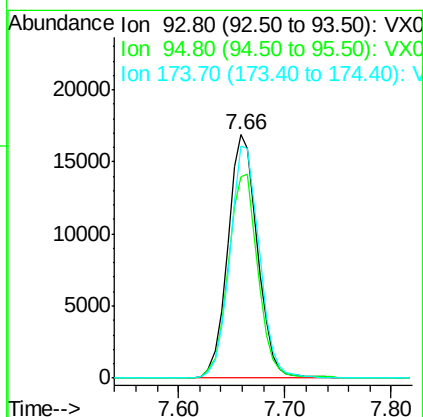
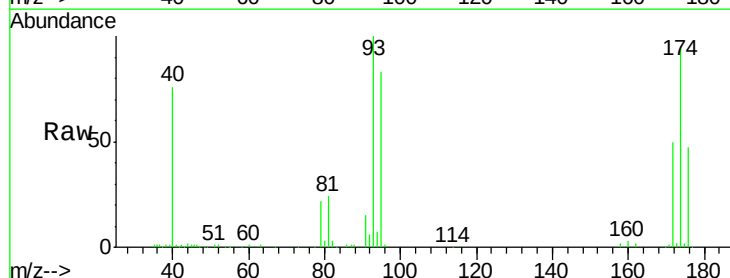
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

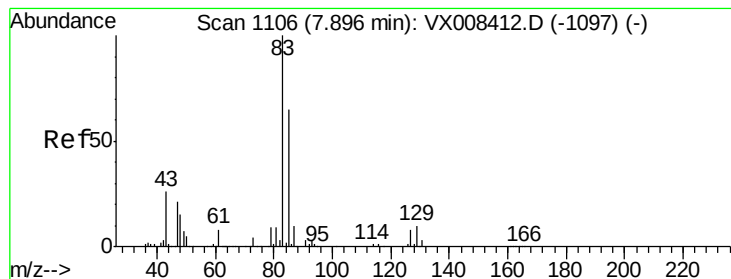
Tgt Ion: 63 Resp: 57792
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.1 37.7



#46
 Dibromomethane
 Concen: 19.222 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion: 93 Resp: 32993
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.0 100.6
 174 95.0 76.0 114.0





#47

Bromodichloromethane

Concen: 19.716 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

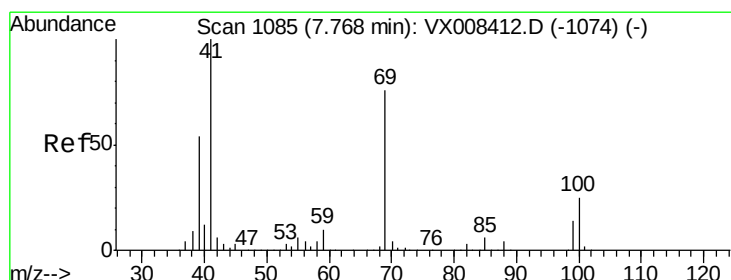
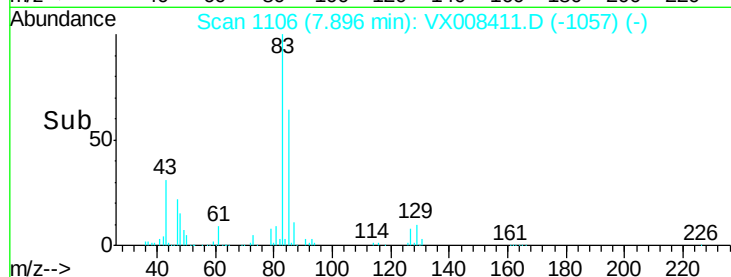
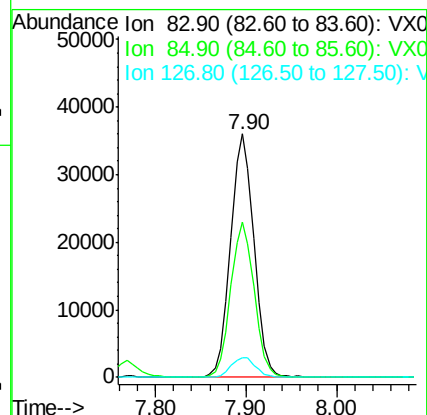
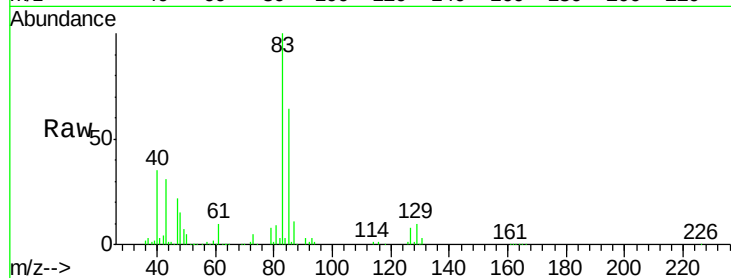
Tgt Ion: 83 Resp: 64660

Ion Ratio Lower Upper

83 100

85 63.6 52.0 78.0

127 7.9 6.4 9.6



#48

Methyl methacrylate

Concen: 19.854 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

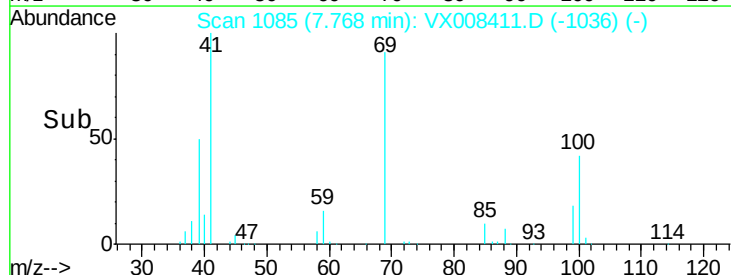
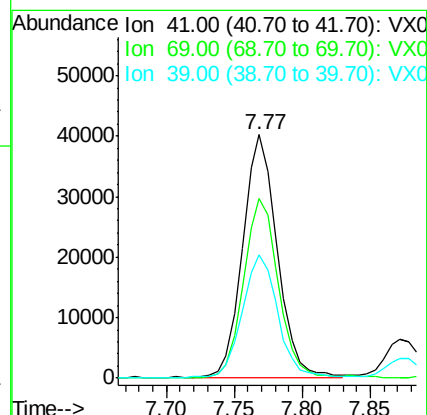
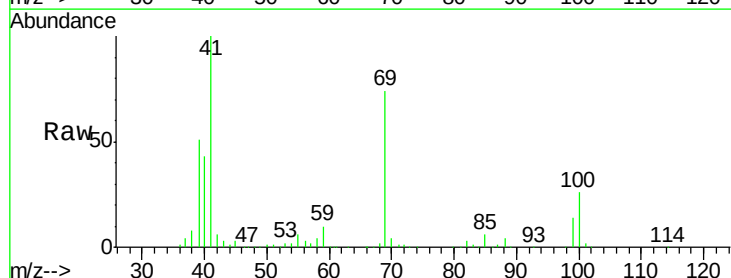
Tgt Ion: 41 Resp: 71011

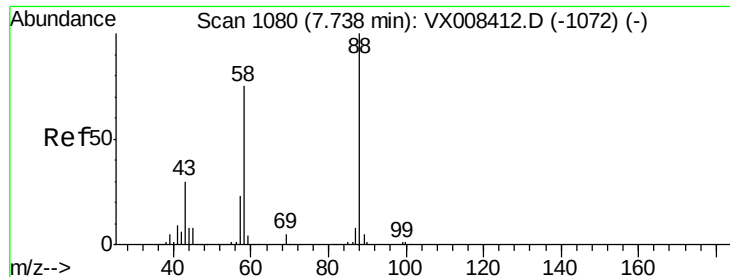
Ion Ratio Lower Upper

41 100

69 75.4 60.8 91.2

39 52.3 42.3 63.5

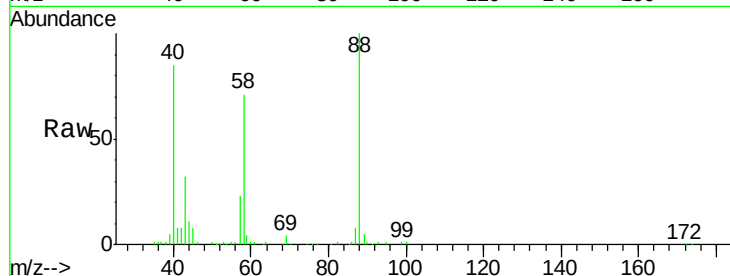




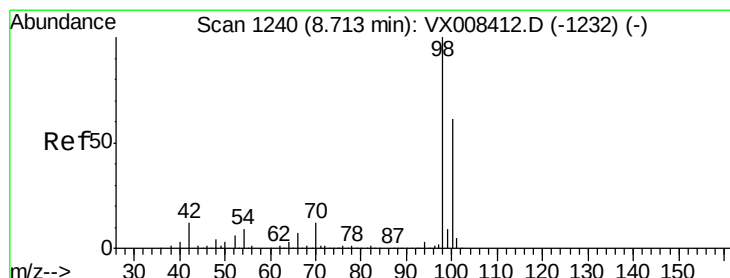
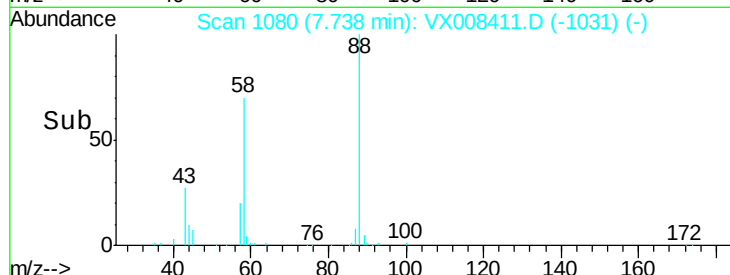
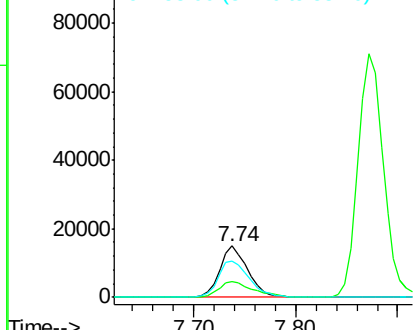
#49
 1,4-Dioxane
 Concen: 399.613 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 88 Resp: 28854
 Ion Ratio Lower Upper
 88 100
 43 36.6 28.6 43.0
 58 78.1 63.0 94.4

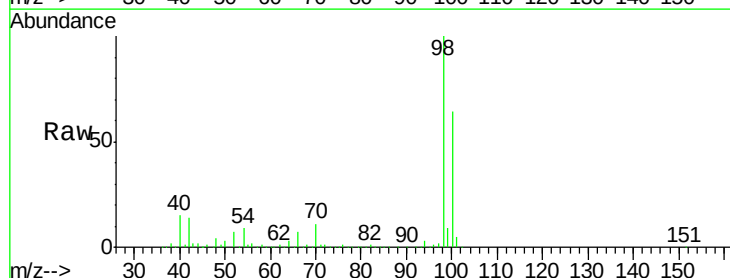


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

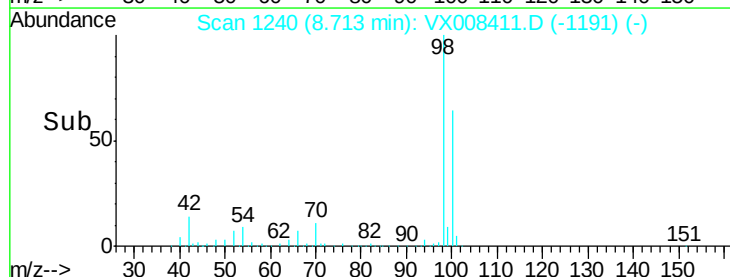
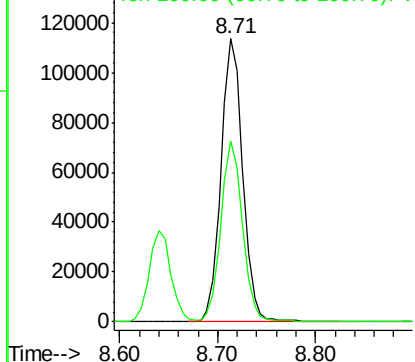


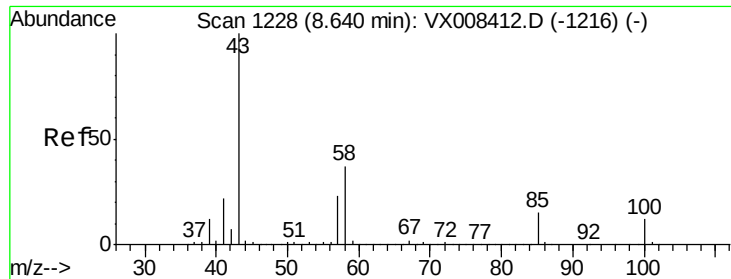
#50
 Toluene-d8
 Concen: 20.660 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion: 98 Resp: 174766
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 99.303 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

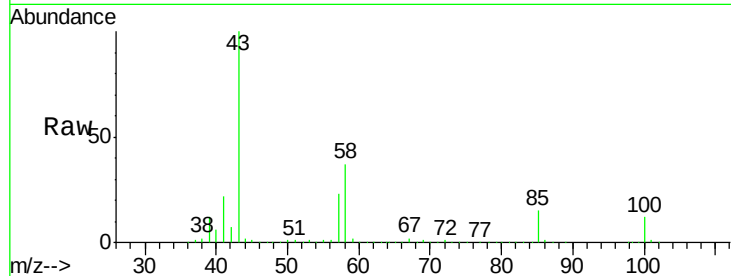
VSTDIC020

Tgt Ion: 43 Resp: 462163

Ion Ratio Lower Upper

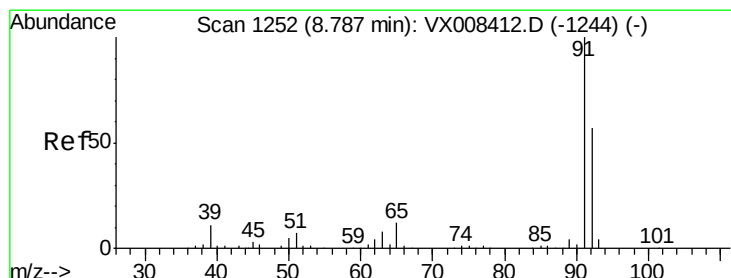
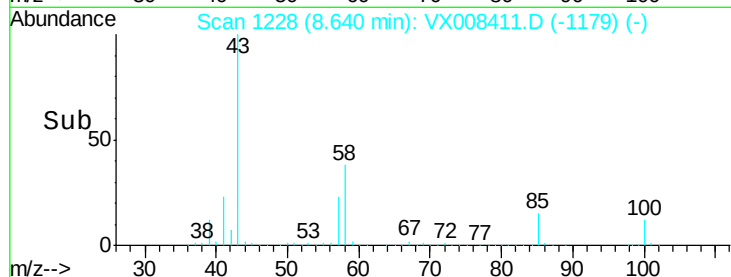
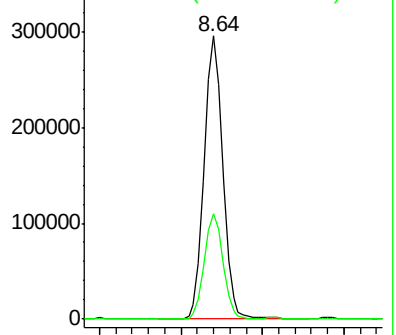
43 100

58 37.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.958 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008411.D

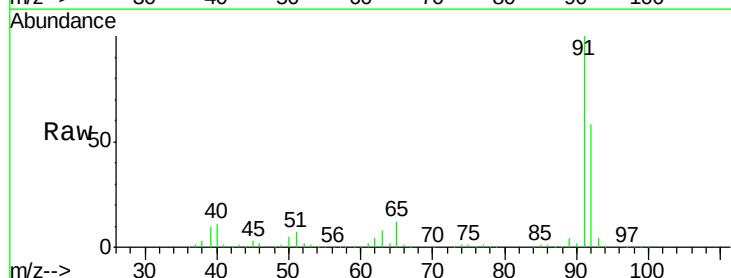
Acq: 25 Mar 2019 14:30

Tgt Ion: 92 Resp: 120084

Ion Ratio Lower Upper

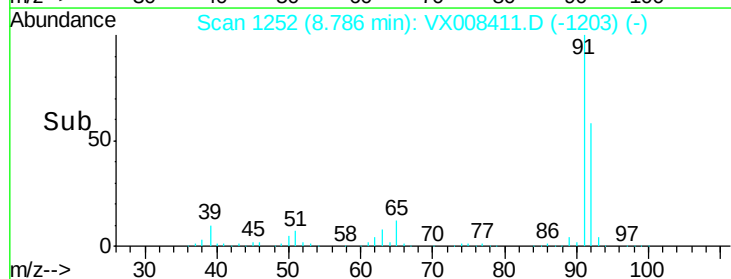
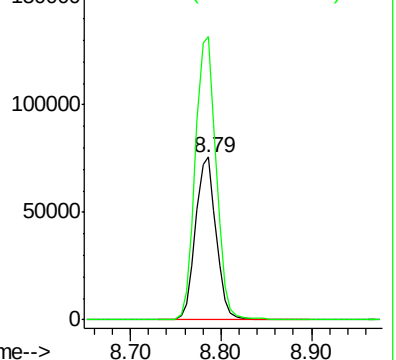
92 100

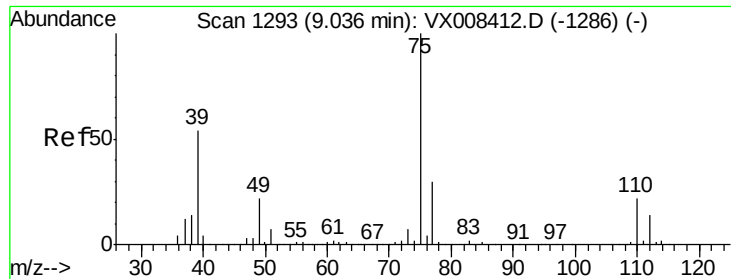
91 176.4 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.768 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

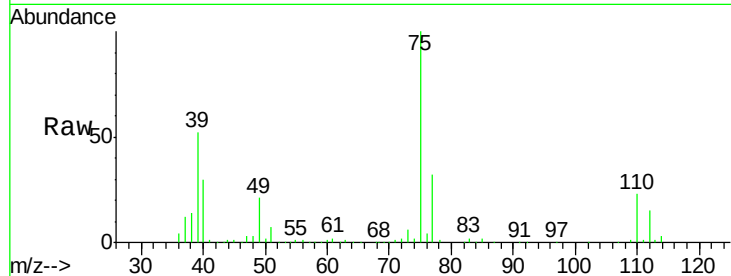
VSTDIC020

Tgt Ion: 75 Resp: 69849

Ion Ratio Lower Upper

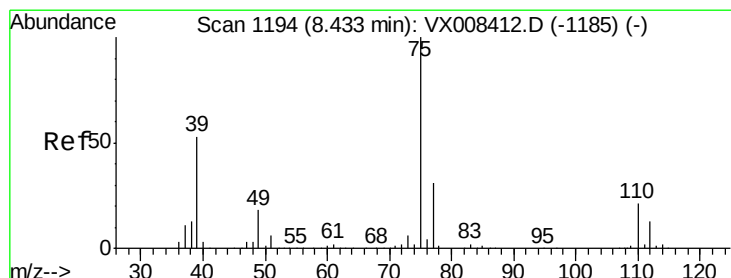
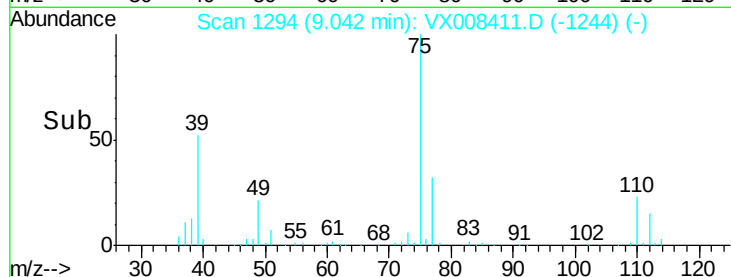
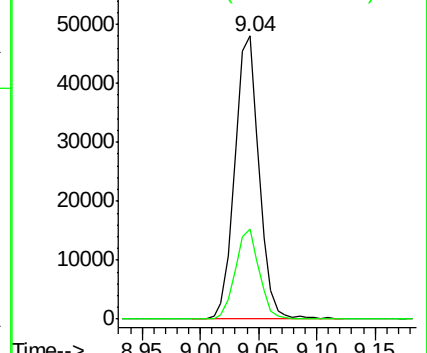
75 100

77 31.9 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.835 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

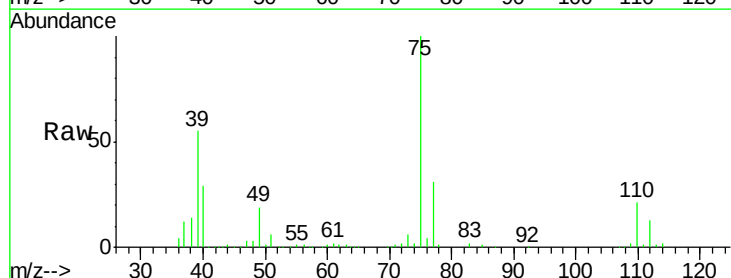
Tgt Ion: 75 Resp: 79184

Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

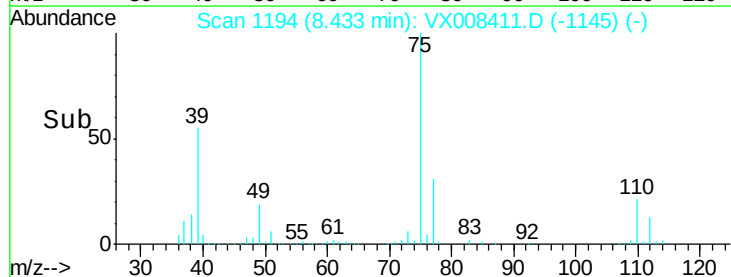
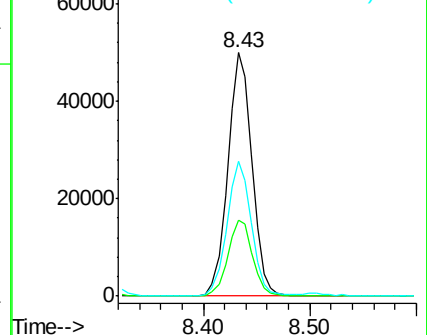
39 55.1 42.4 63.6

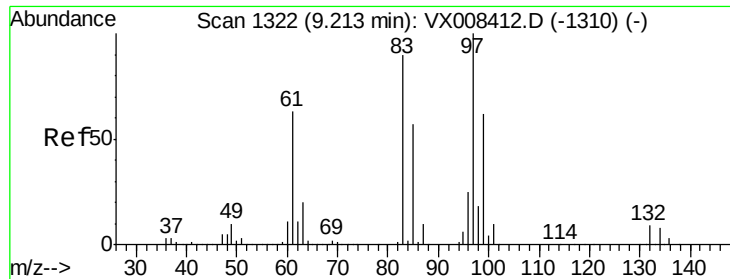


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

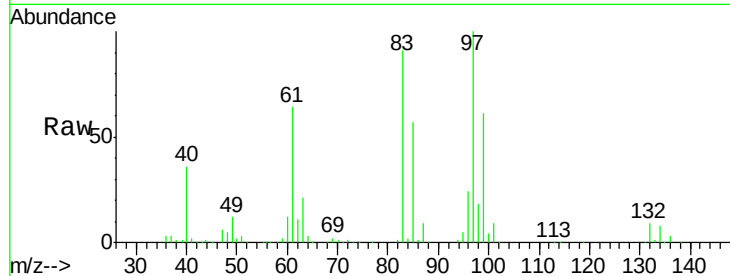




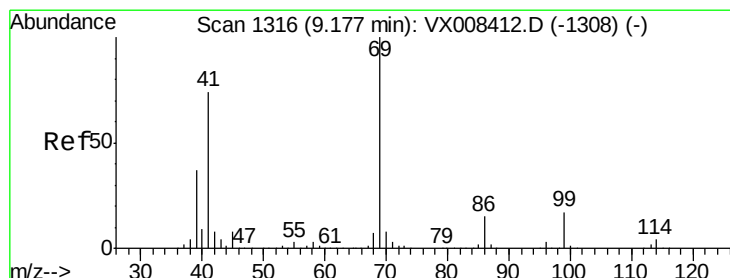
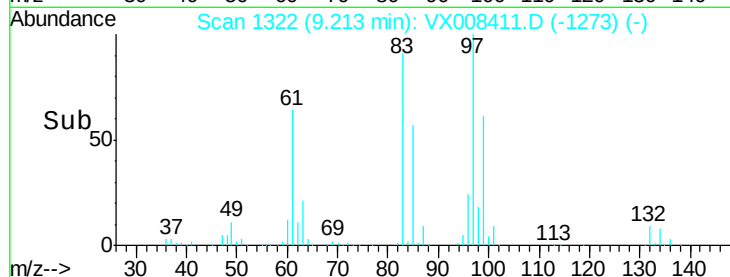
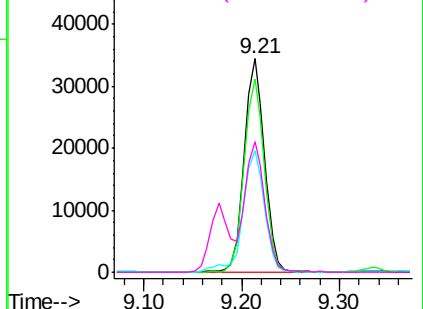
#55
 1,1,2-Trichloroethane
 Concen: 19.911 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion:	97	Resp:	49757
Ion	Ratio	Lower	Upper
97	100		
83	90.6	71.8	107.6
85	56.9	45.9	68.9
99	61.0	49.4	74.0

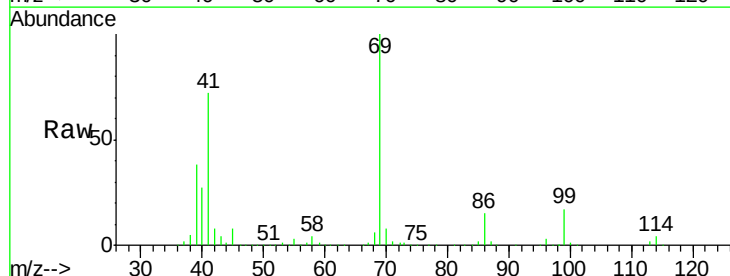


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

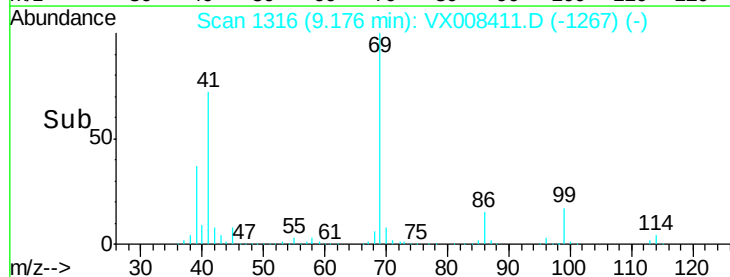
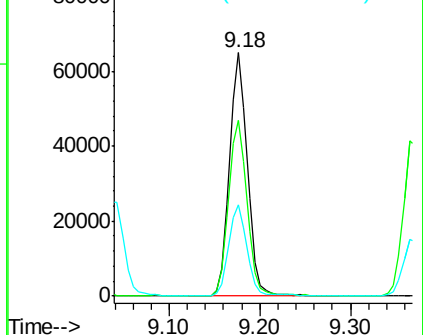


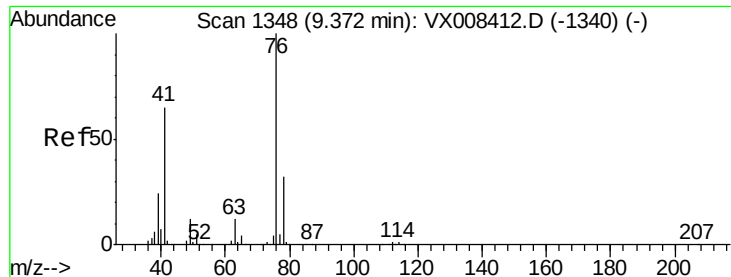
#56
 Ethyl methacrylate
 Concen: 20.207 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion:	69	Resp:	89521
Ion	Ratio	Lower	Upper
69	100		
41	73.9	59.5	89.3
39	37.6	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

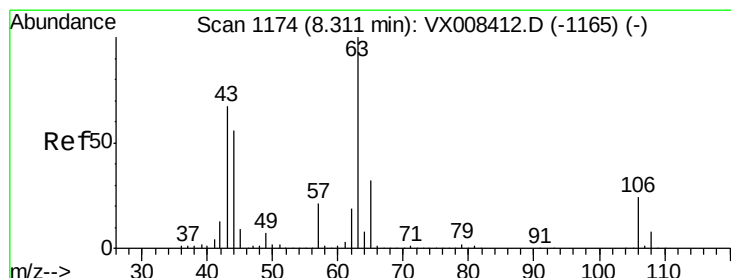
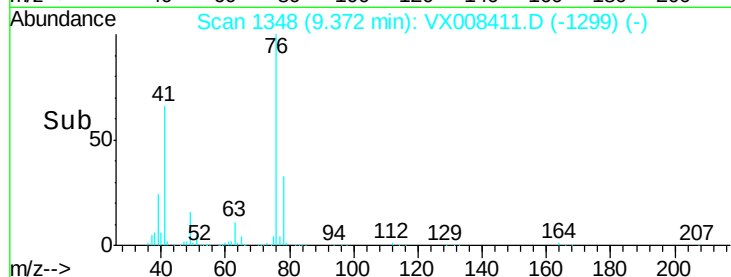
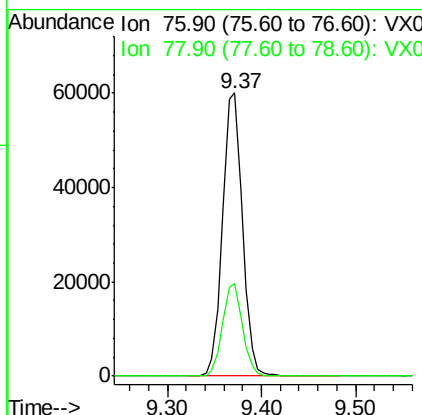
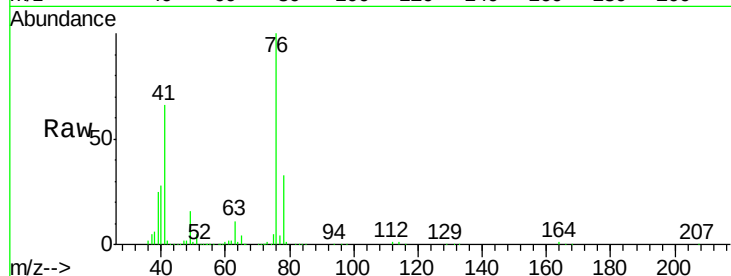




#57
 1,3-Dichloropropane
 Concen: 19.806 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

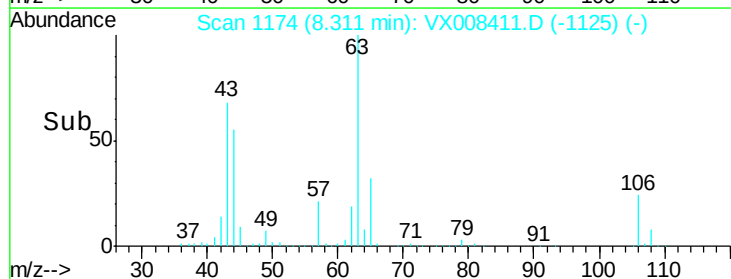
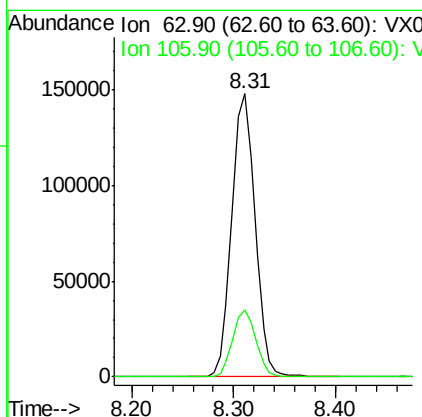
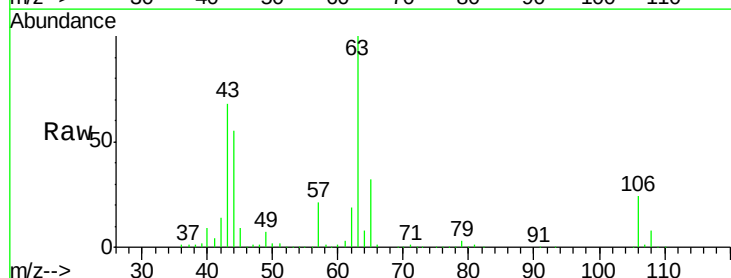
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

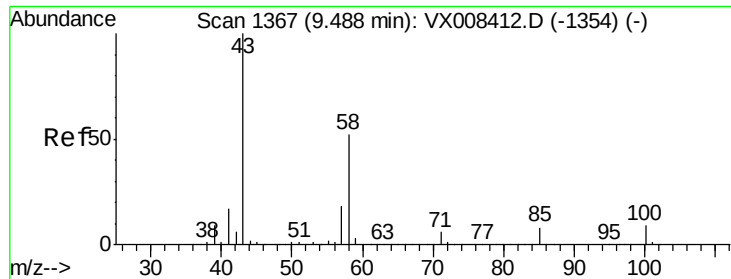
Tgt Ion: 76 Resp: 88007
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.544 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion: 63 Resp: 233240
 Ion Ratio Lower Upper
 63 100
 106 23.6 19.0 28.6





#59

2-Hexanone

Concen: 99.955 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

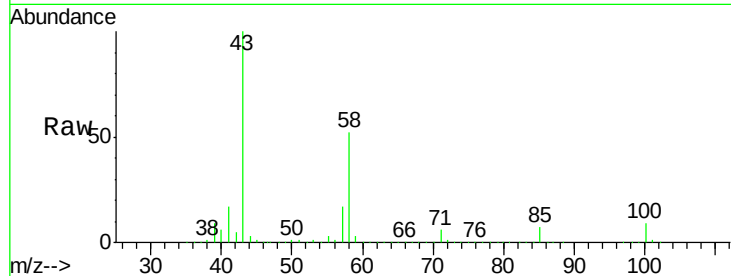
VSTDIC020

Tgt Ion: 43 Resp: 358923

Ion Ratio Lower Upper

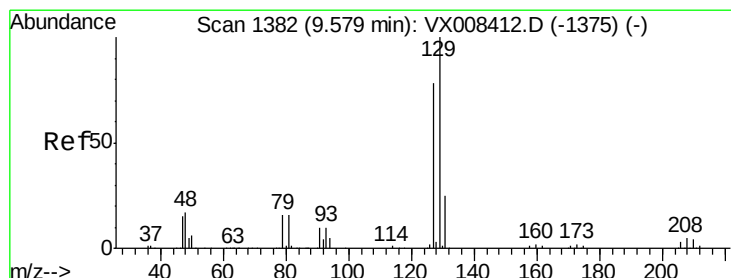
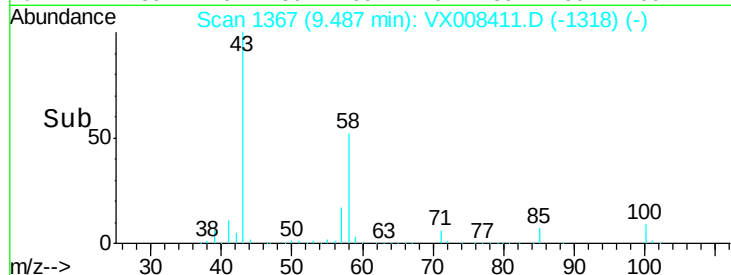
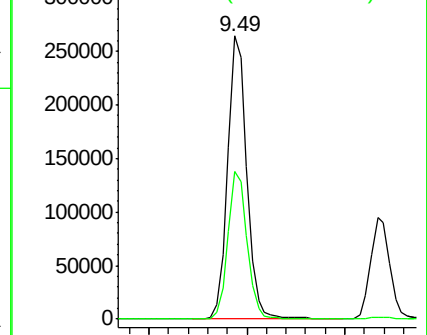
43 100

58 52.6 26.3 78.9



Abundance Ion 43.00 (42.70 to 43.70): VX008411.D (-1318) (-)

Ion 58.00 (57.70 to 58.70): VX008411.D (-1318) (-)



#60

Dibromochloromethane

Concen: 20.156 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008411.D

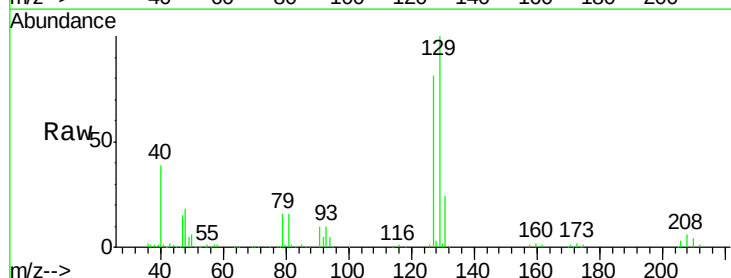
Acq: 25 Mar 2019 14:30

Tgt Ion: 129 Resp: 46804

Ion Ratio Lower Upper

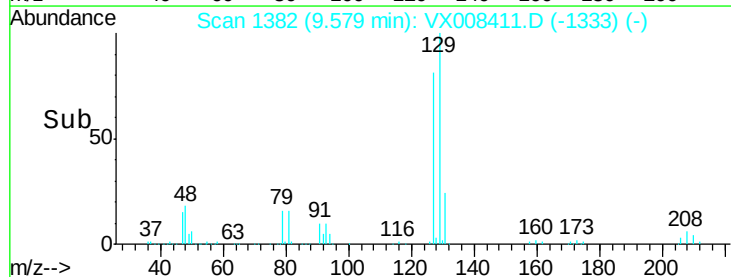
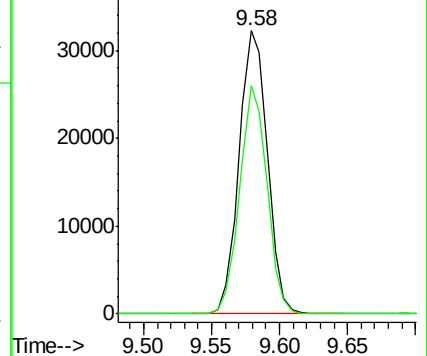
129 100

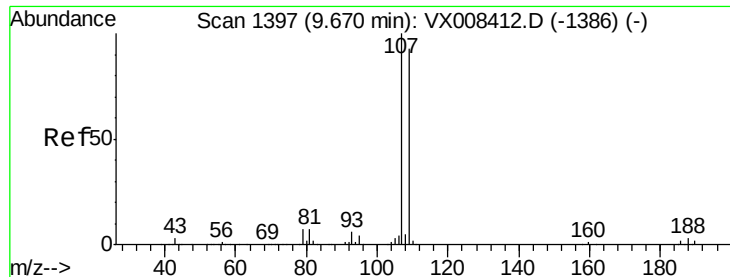
127 78.0 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): VX008411.D (-1333) (-)

Ion 126.80 (126.50 to 127.50): VX008411.D (-1333) (-)





#61

1,2-Dibromoethane

Concen: 20.086 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

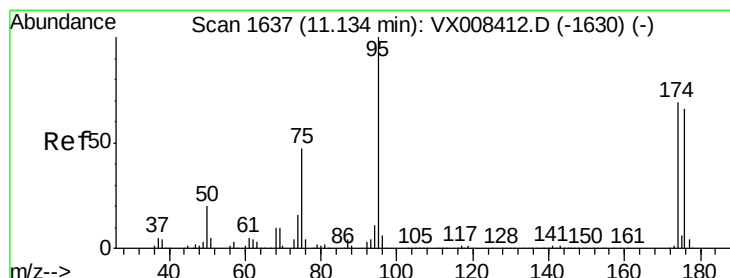
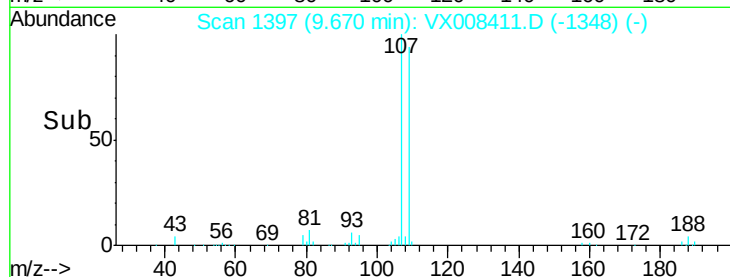
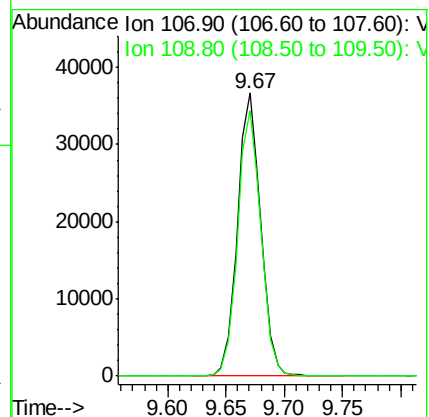
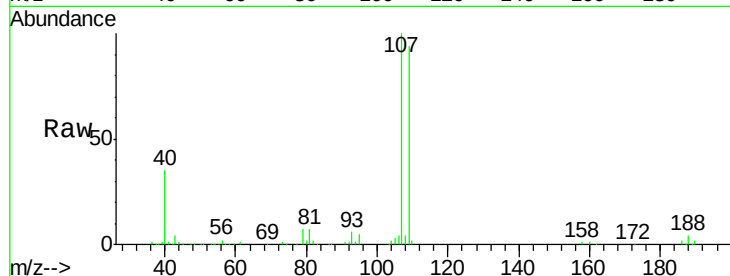
VSTDIC020

Tgt Ion: 107 Resp: 50883

Ion Ratio Lower Upper

107 100

109 94.1 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 20.314 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

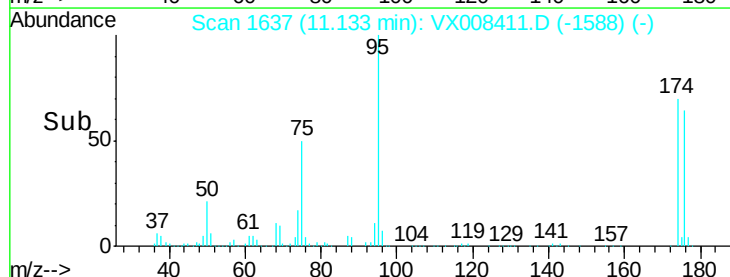
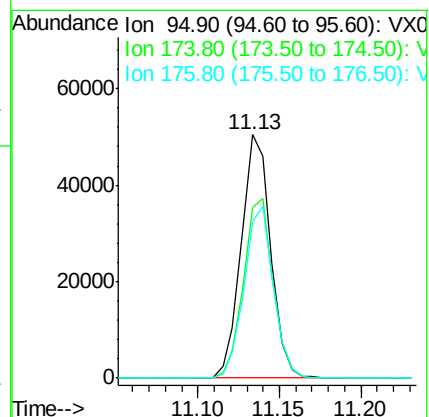
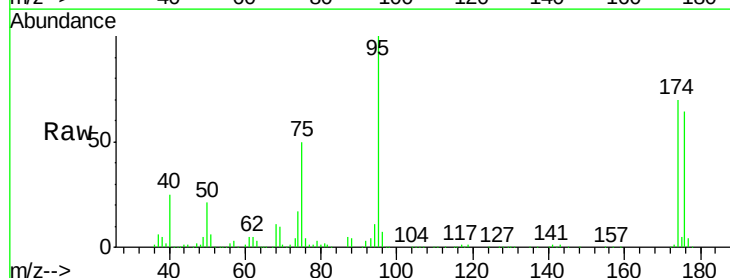
Tgt Ion: 95 Resp: 63507

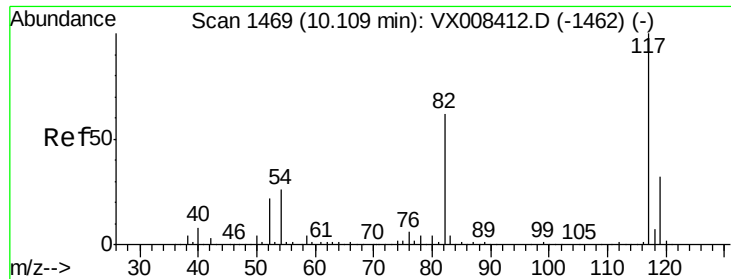
Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.2

176 70.6 0.0 142.4

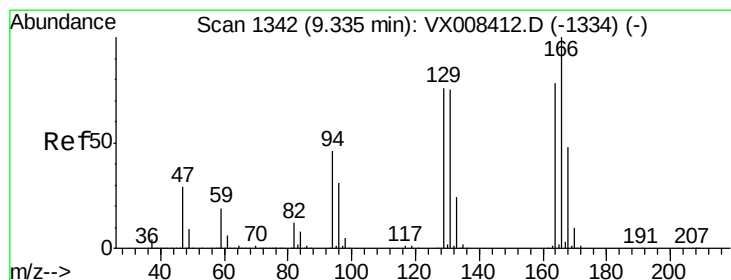
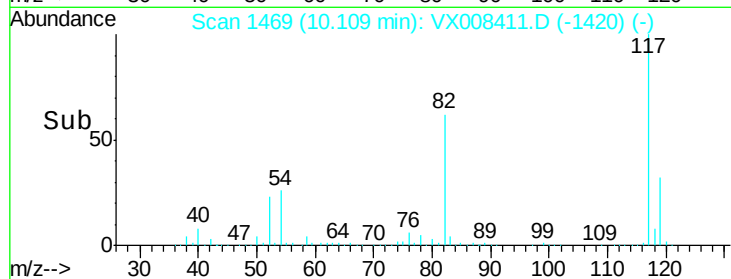
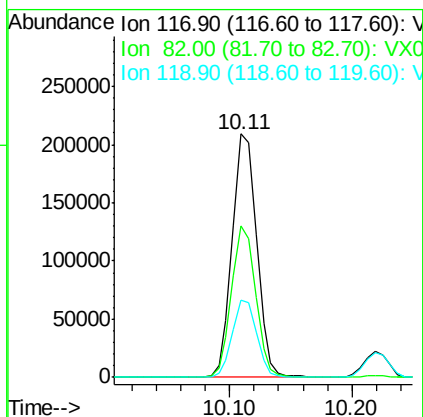
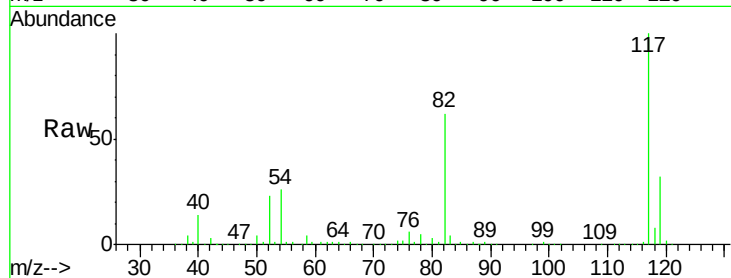




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

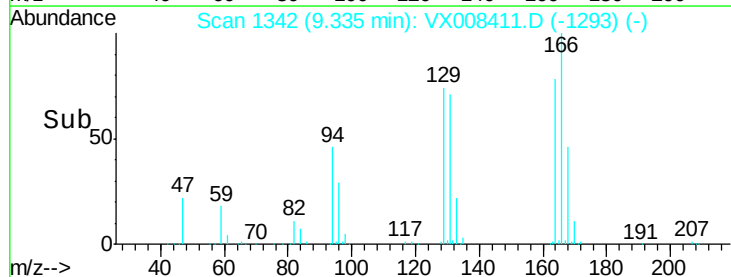
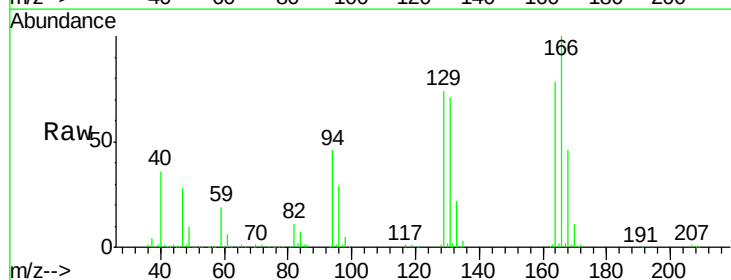
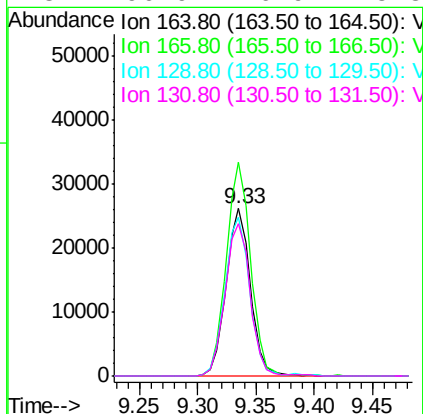
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

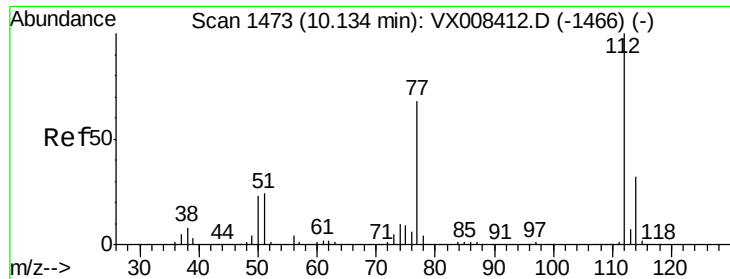
Tgt Ion:117 Resp: 290426
Ion Ratio Lower Upper
117 100
82 62.3 49.4 74.2
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 19.956 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion:164 Resp: 37927
Ion Ratio Lower Upper
164 100
166 127.5 102.5 153.7
129 94.4 77.8 116.8
131 90.9 76.9 115.3

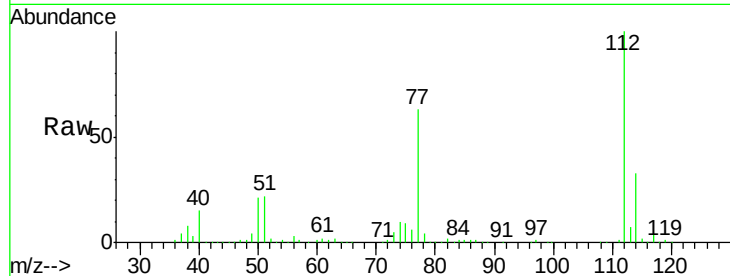




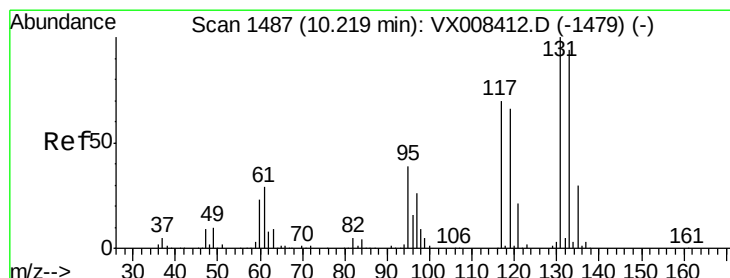
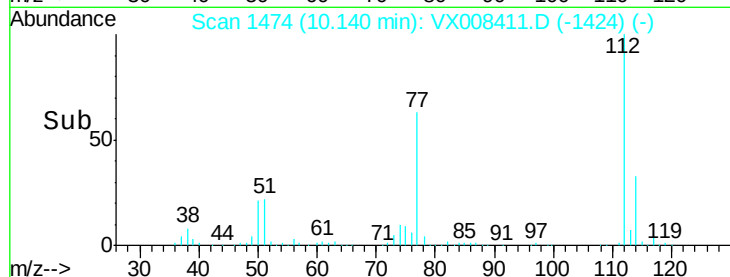
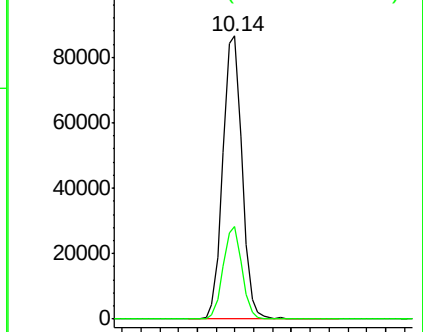
#65
Chlorobenzene
Concen: 20.084 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:112 Resp: 122656
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

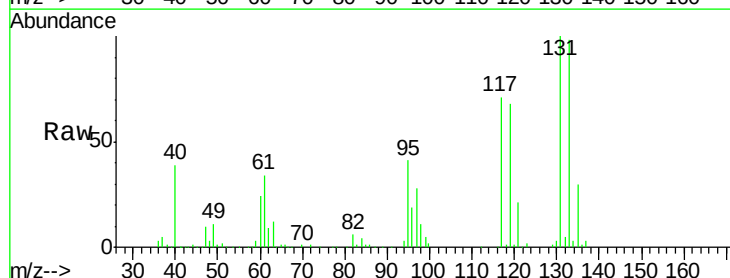


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

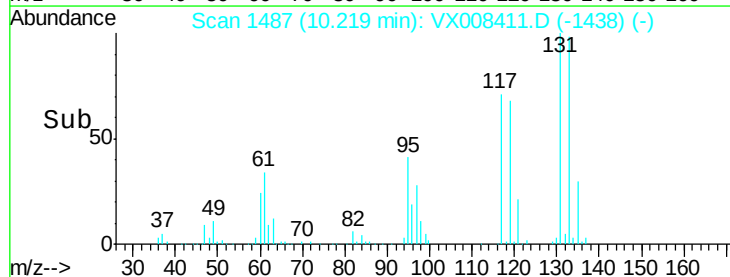
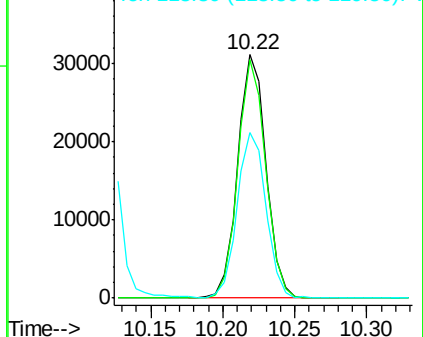


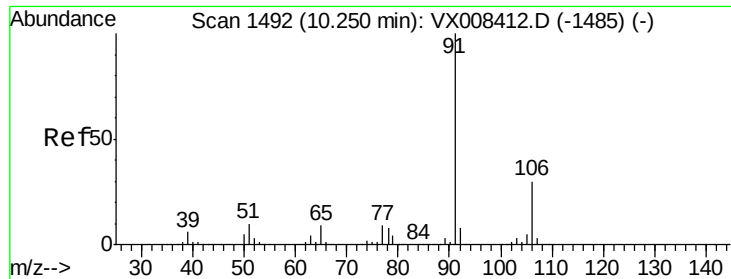
#66
1,1,1,2-Tetrachloroethane
Concen: 20.084 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion:131 Resp: 42563
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 69.1 33.6 100.6



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.972 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

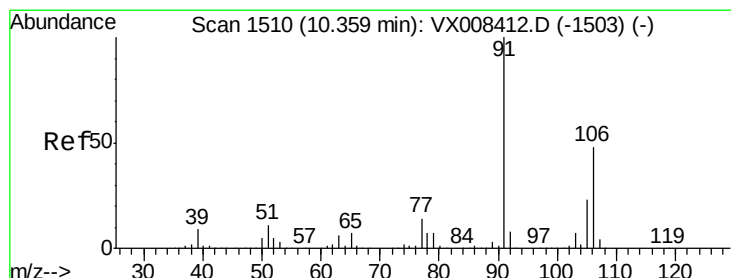
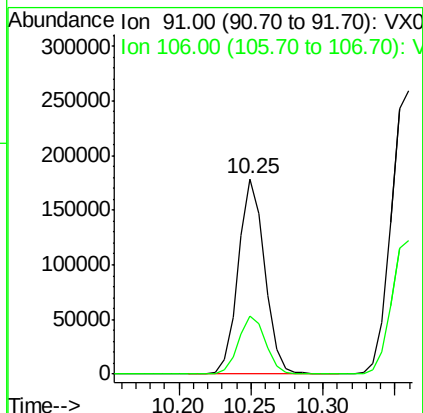
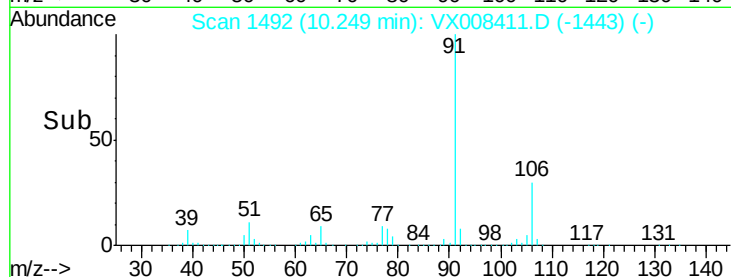
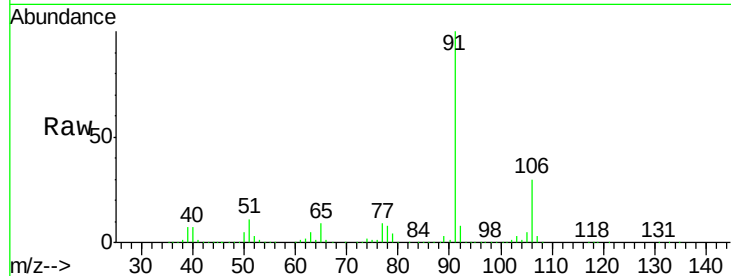
VSTDIC020

Tgt Ion: 91 Resp: 228858

Ion Ratio Lower Upper

91 100

106 30.0 24.0 36.0



#68

m/p-Xylenes

Concen: 40.757 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008411.D

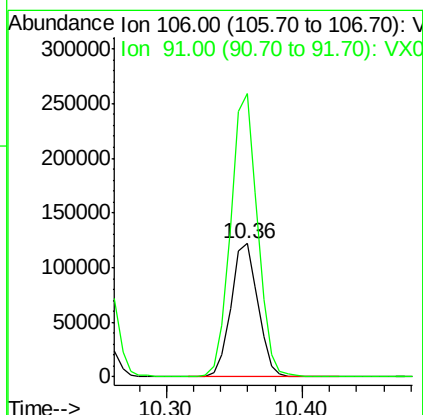
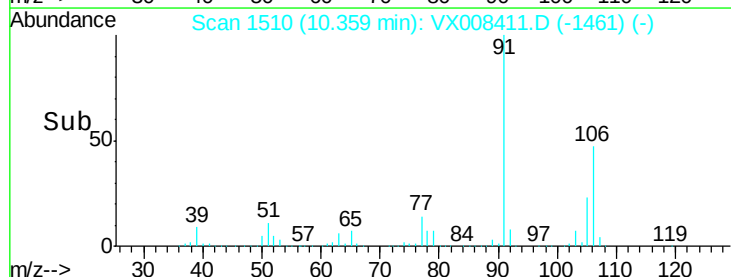
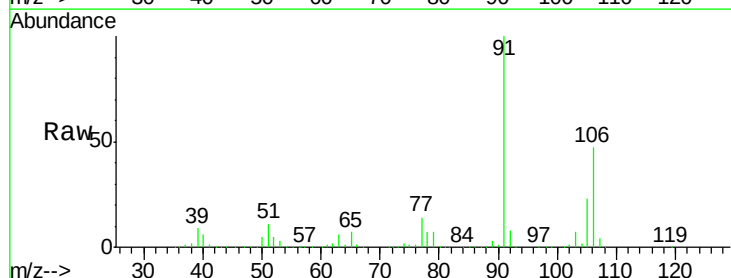
Acq: 25 Mar 2019 14:30

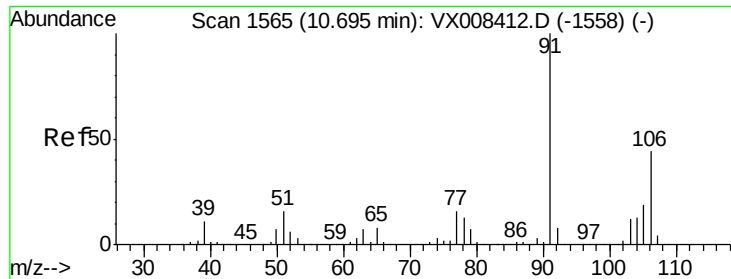
Tgt Ion: 106 Resp: 167790

Ion Ratio Lower Upper

106 100

91 211.4 168.6 253.0

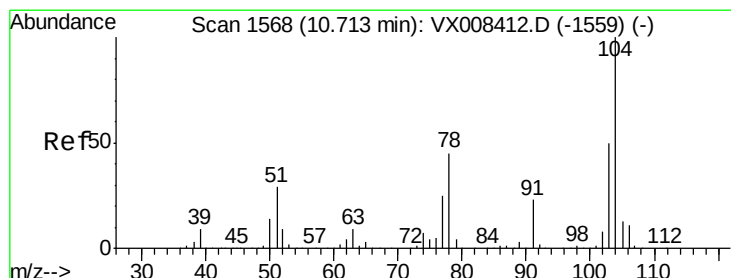
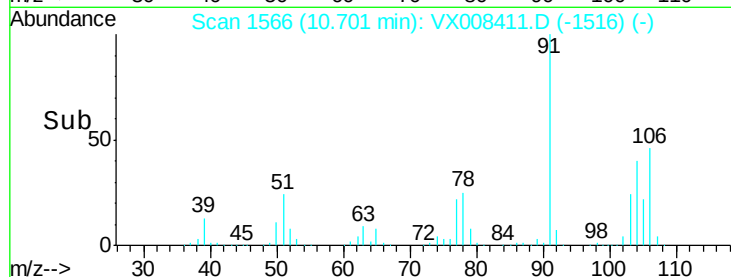
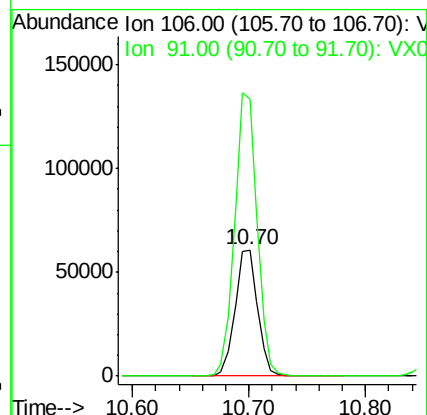
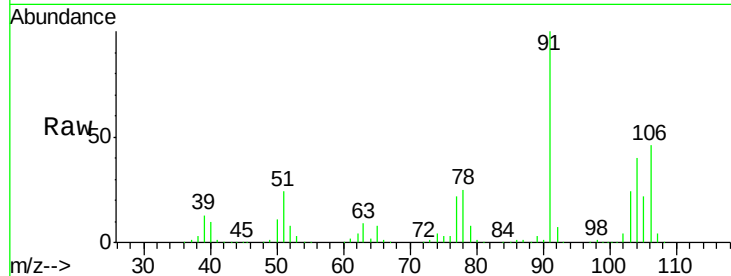




#69
o-Xylene
Concen: 20.434 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

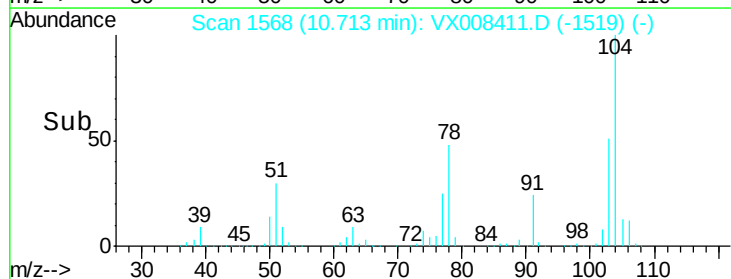
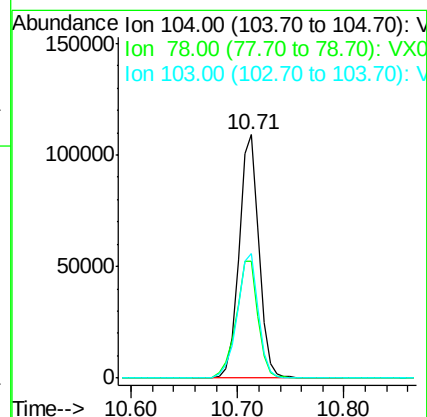
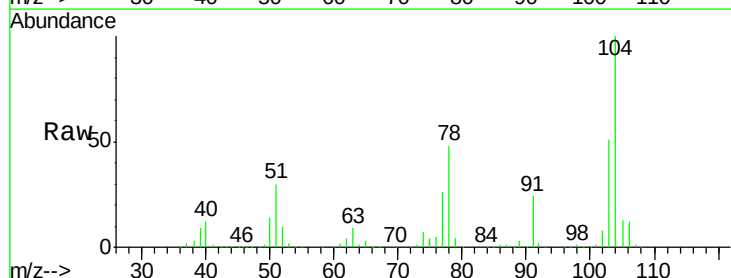
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

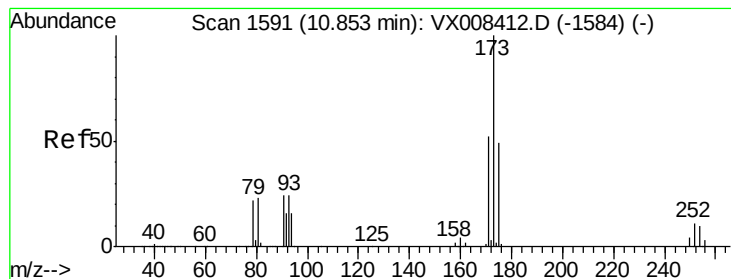
Tgt Ion:106 Resp: 82267
Ion Ratio Lower Upper
106 100
91 223.5 111.4 334.2



#70
Styrene
Concen: 20.402 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion:104 Resp: 142485
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 54.7 44.2 66.4





#71

Bromoform

Concen: 19.438 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

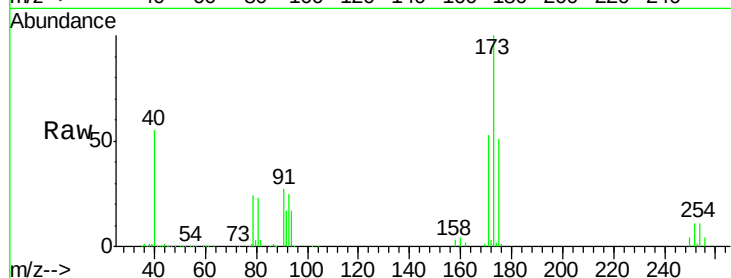
Tgt Ion:173 Resp: 31935

Ion Ratio Lower Upper

173 100

175 49.7 24.3 72.8

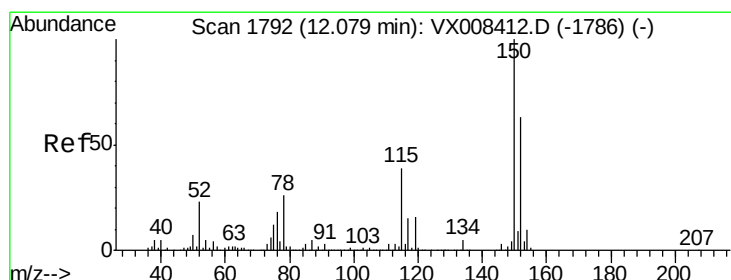
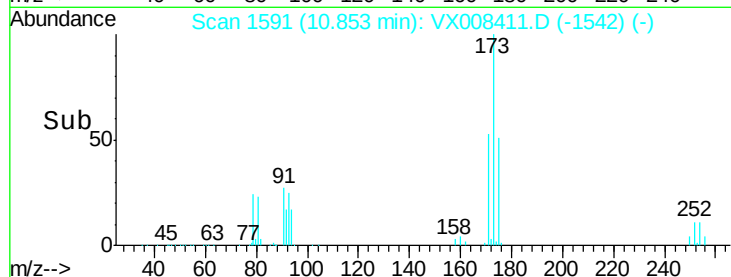
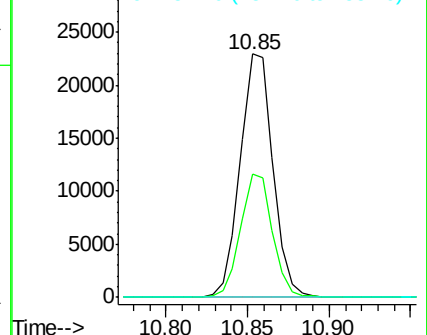
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

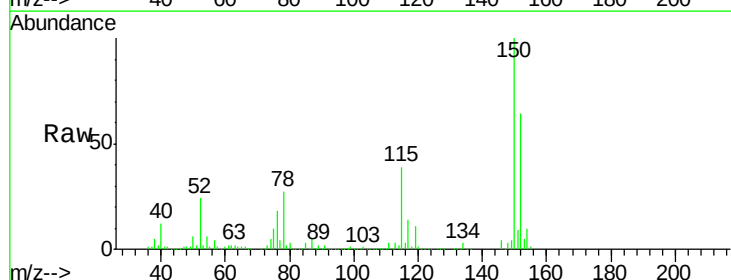
Tgt Ion:152 Resp: 135431

Ion Ratio Lower Upper

152 100

115 72.1 43.5 130.5

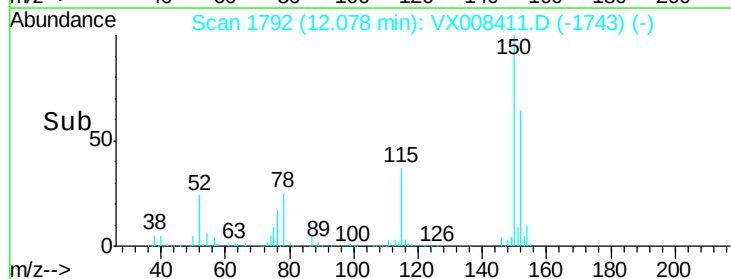
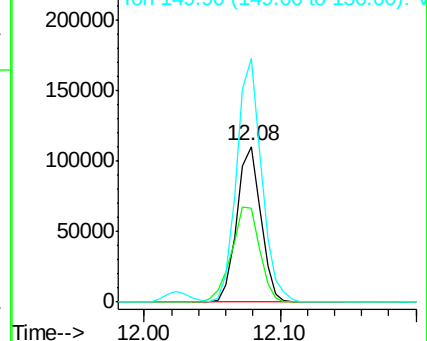
150 162.6 0.0 348.8

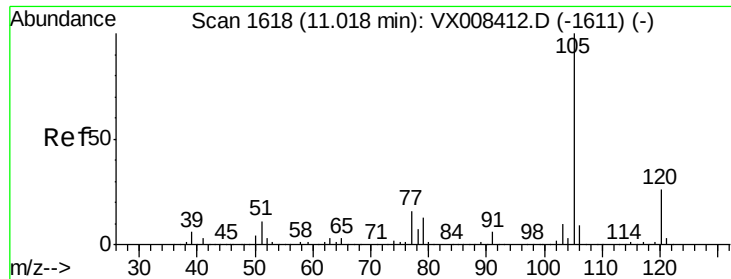


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.449 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

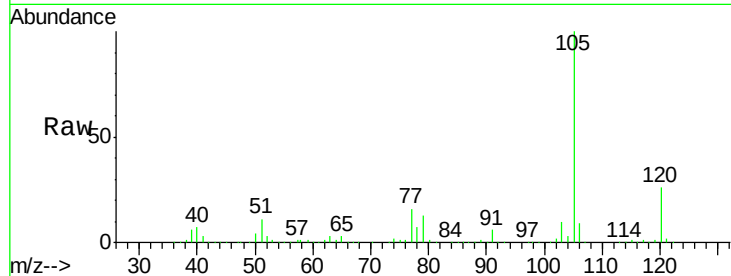
VSTDIC020

Tgt Ion: 105 Resp: 218600

Ion Ratio Lower Upper

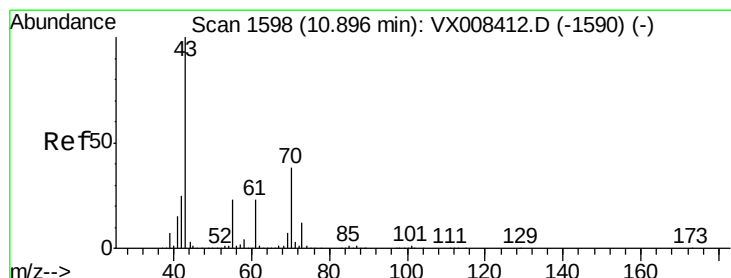
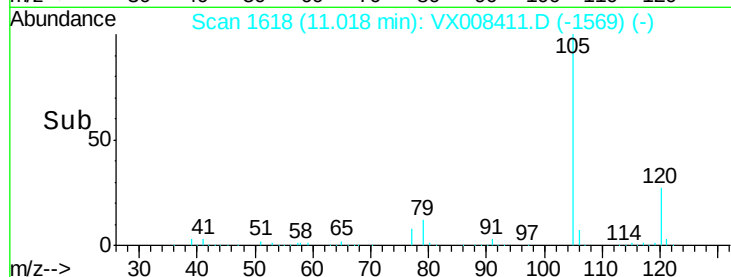
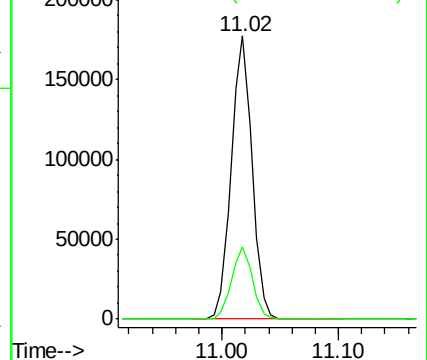
105 100

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: 20.053 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Tgt Ion: 43 Resp: 125502

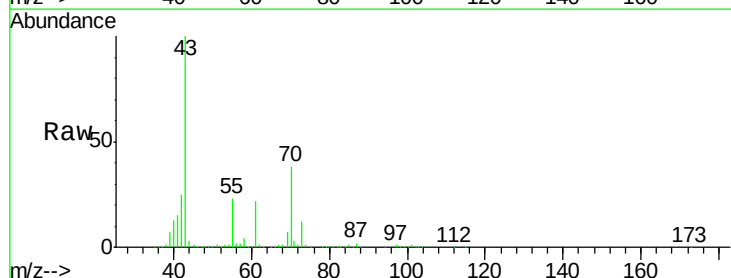
Ion Ratio Lower Upper

43 100

70 38.0 30.5 45.7

55 23.2 18.2 27.2

61 22.8 18.4 27.6

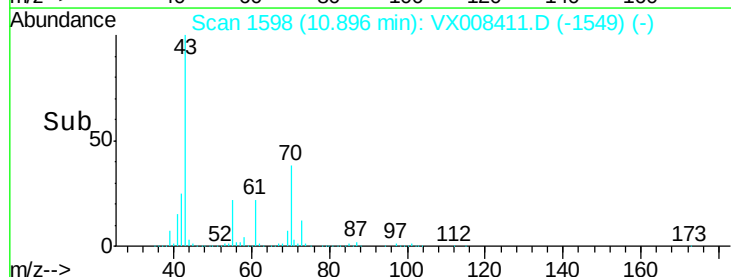
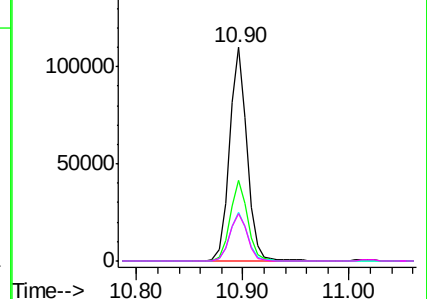


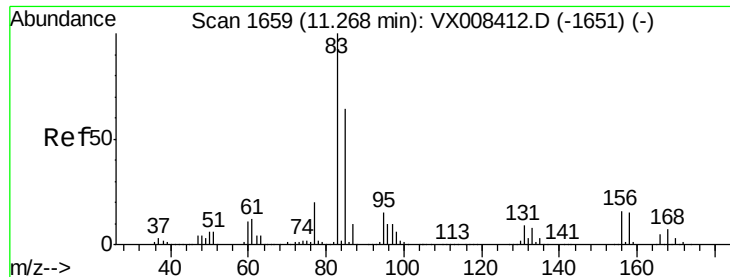
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.534 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

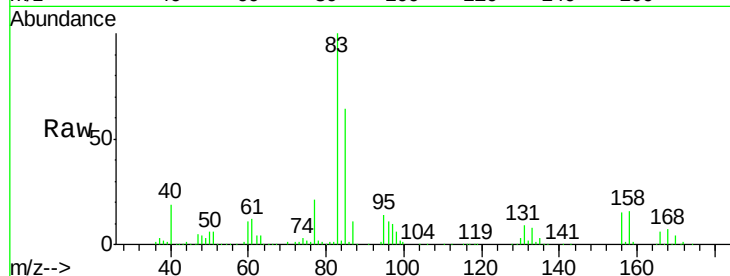
Tgt Ion: 83 Resp: 82981

Ion Ratio Lower Upper

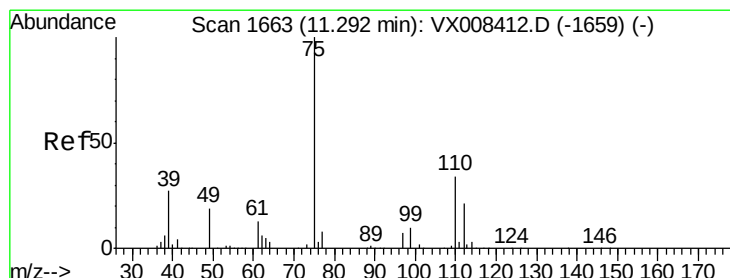
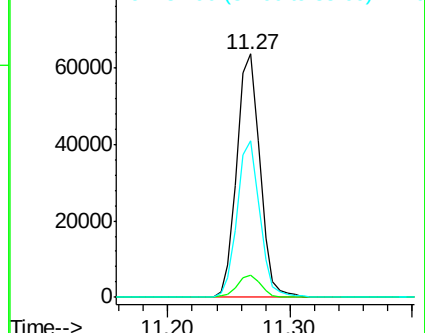
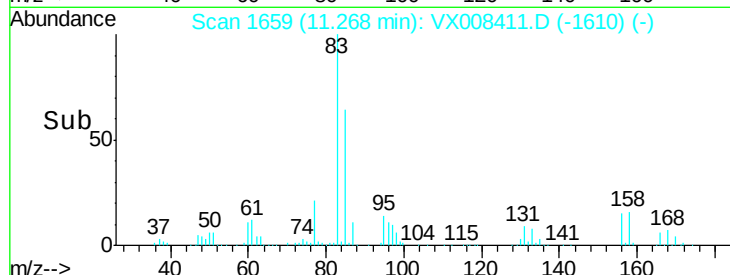
83 100

131 9.3 4.5 13.4

85 63.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX008411.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 25.712 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008411.D

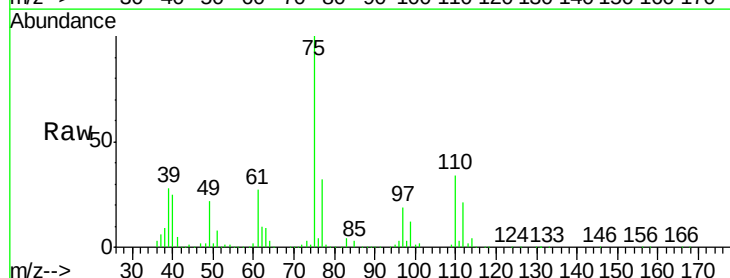
Acq: 25 Mar 2019 14:30

Tgt Ion: 75 Resp: 91193

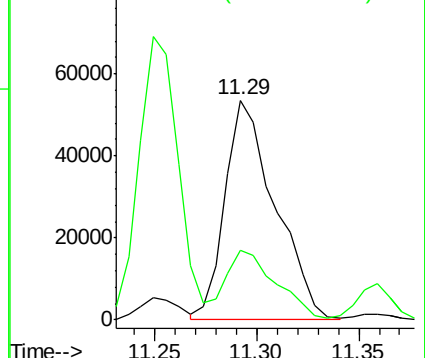
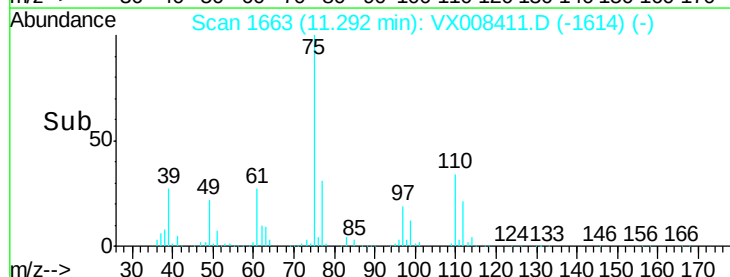
Ion Ratio Lower Upper

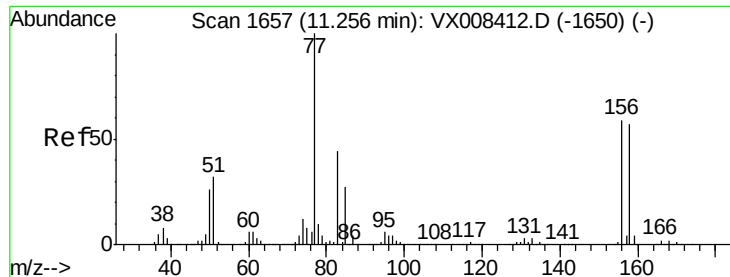
75 100

77 32.2 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX008411.D (-1614) (-)





#77

Bromobenzene

Concen: 20.043 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

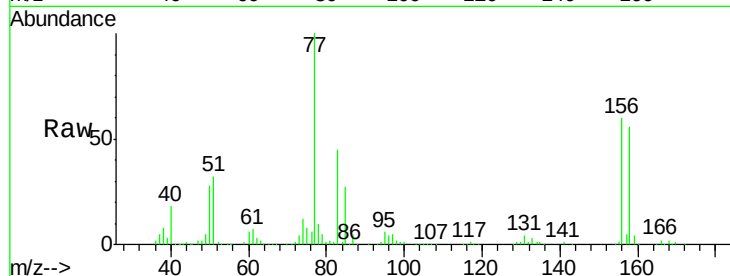
Tgt Ion:156 Resp: 50878

Ion Ratio Lower Upper

156 100

77 181.1 91.1 273.3

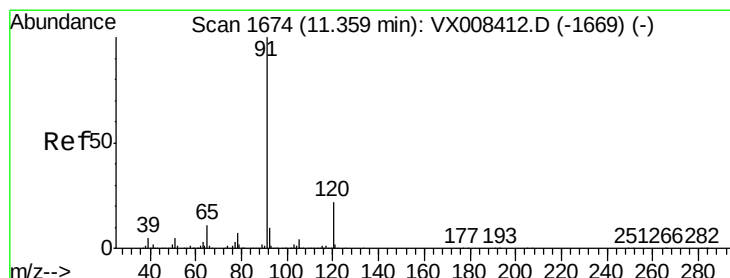
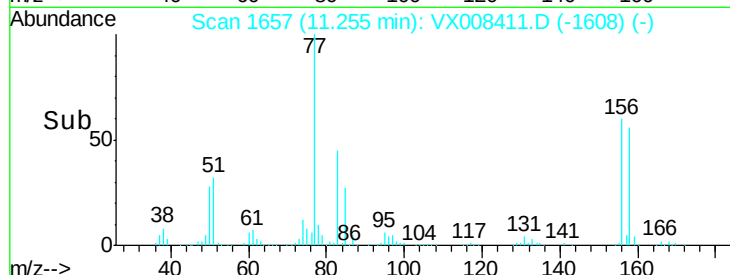
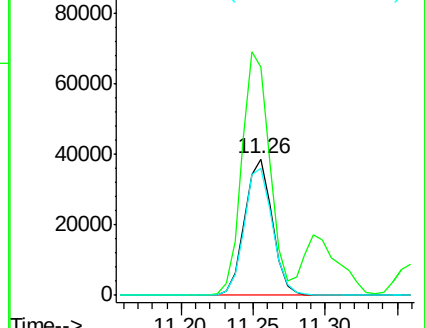
158 96.2 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.403 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008411.D

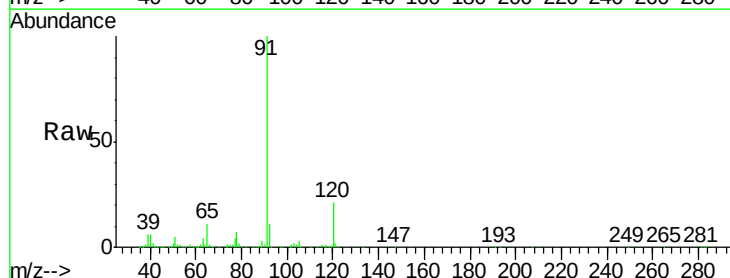
Acq: 25 Mar 2019 14:30

Tgt Ion: 91 Resp: 255459

Ion Ratio Lower Upper

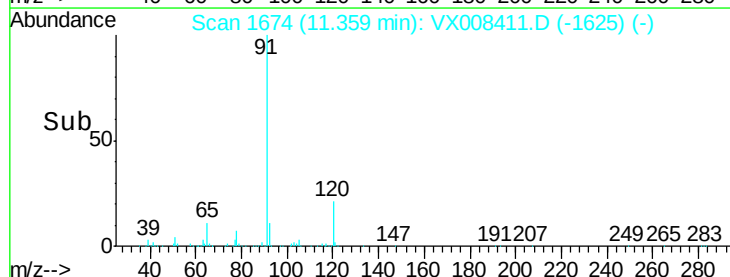
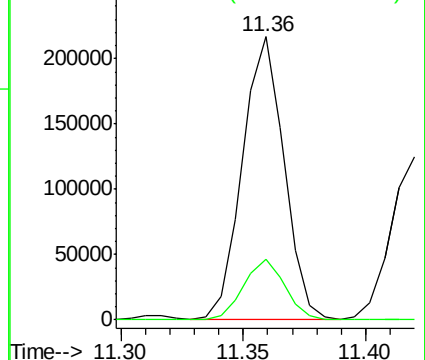
91 100

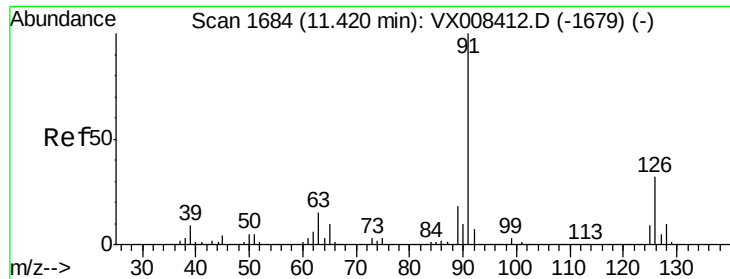
120 21.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

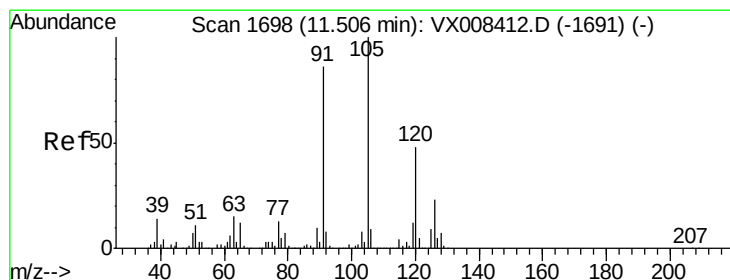
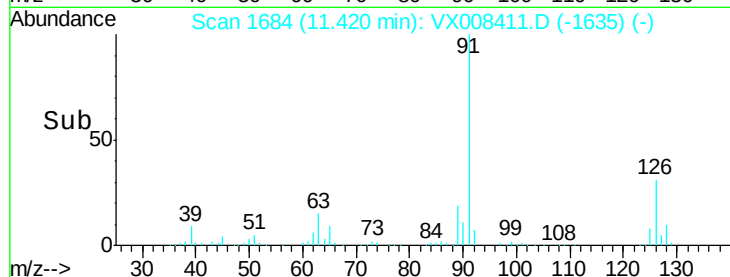
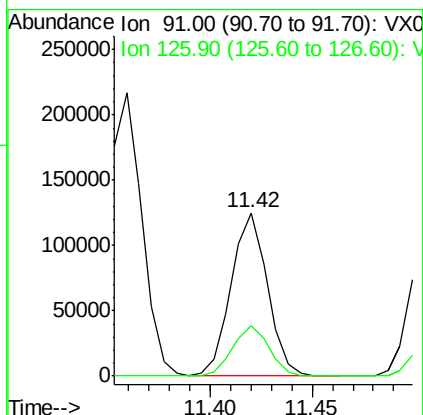
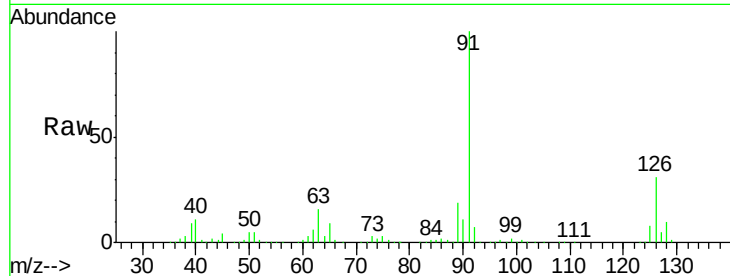




#79
2-Chlorotoluene
Concen: 20.069 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

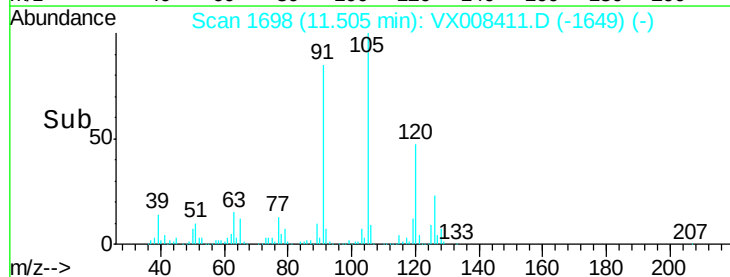
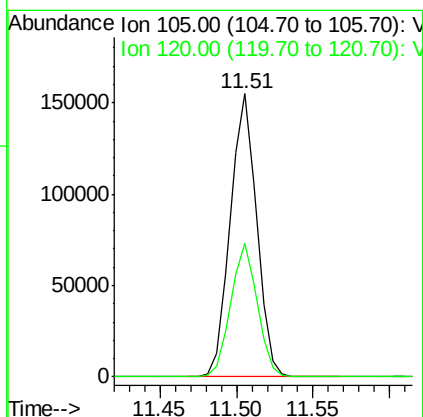
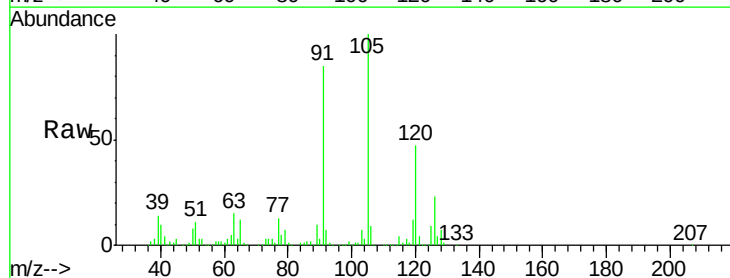
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

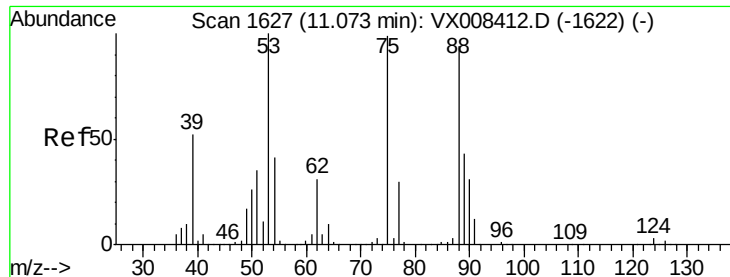
Tgt Ion: 91 Resp: 153514
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 20.328 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008411.D
Acq: 25 Mar 2019 14:30

Tgt Ion: 105 Resp: 184920
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.650 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

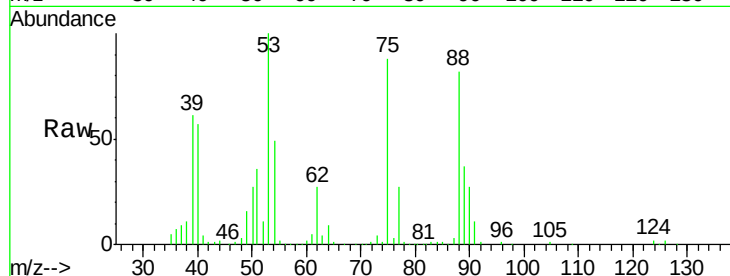
Tgt Ion: 75 Resp: 23148

Ion Ratio Lower Upper

75 100

53 115.6 82.1 123.1

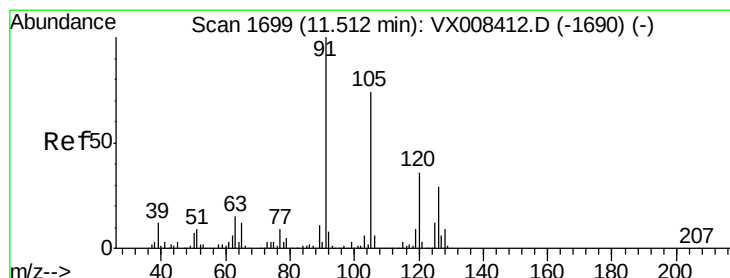
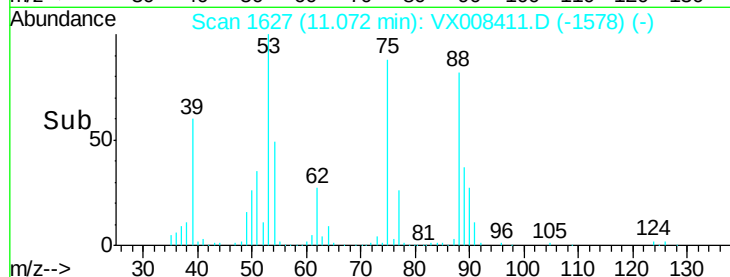
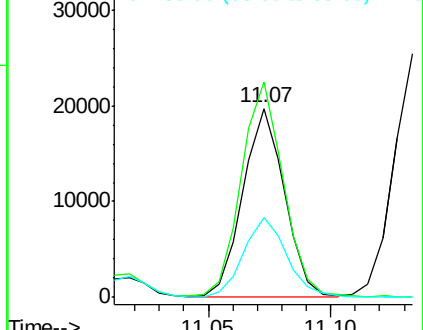
89 44.6 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.892 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008411.D

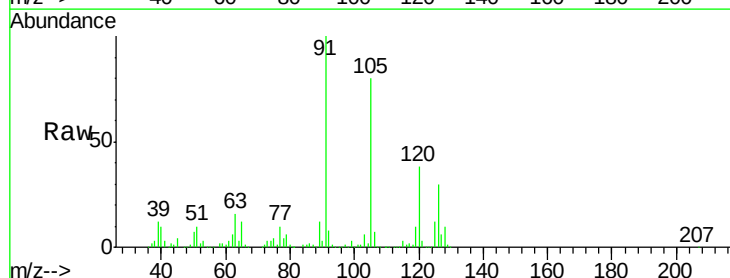
Acq: 25 Mar 2019 14:30

Tgt Ion: 91 Resp: 175019

Ion Ratio Lower Upper

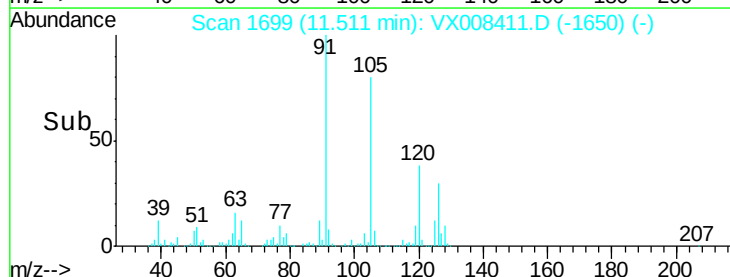
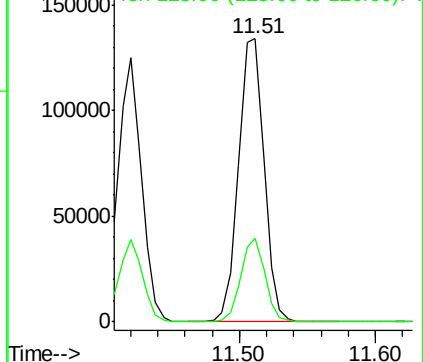
91 100

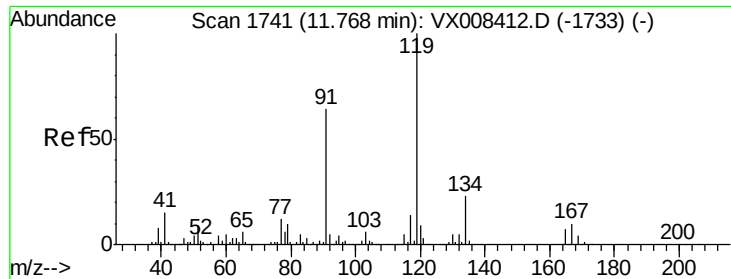
126 27.8 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

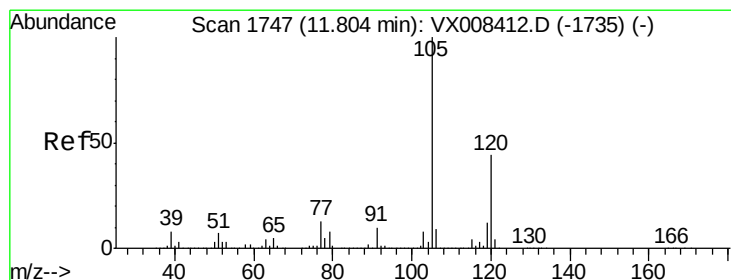
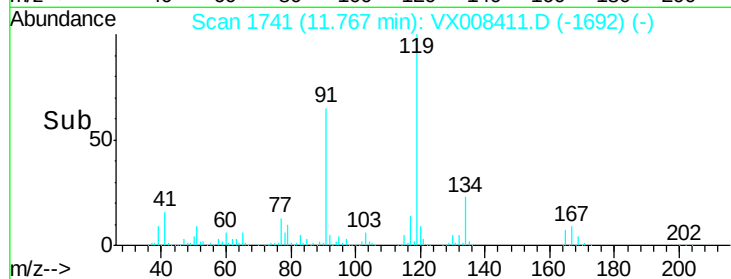
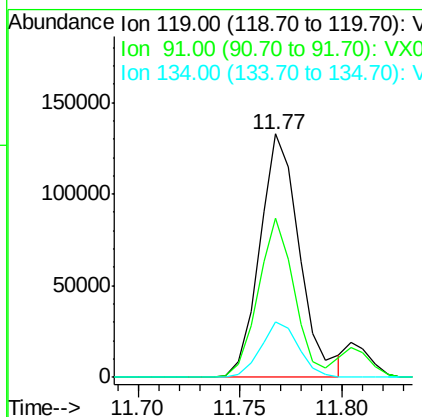
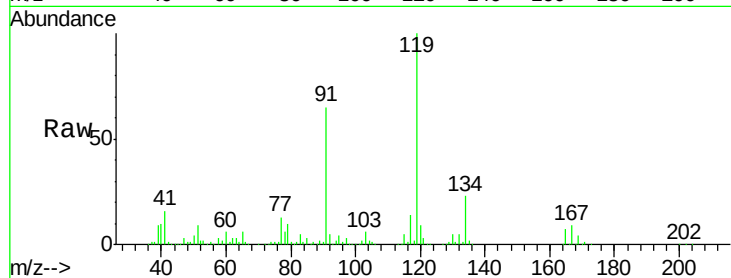




#83
 tert-Butylbenzene
 Concen: 20.815 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

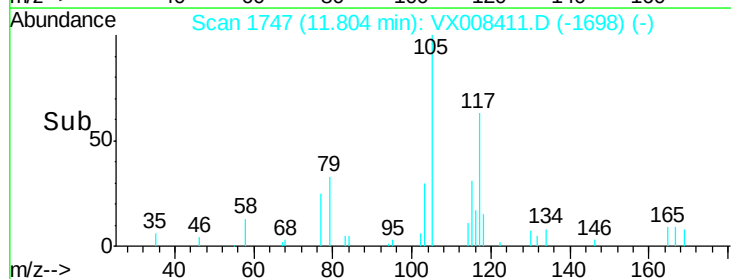
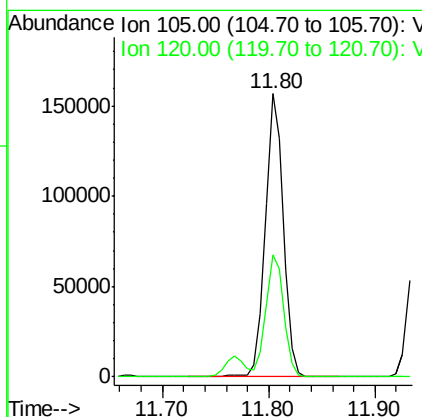
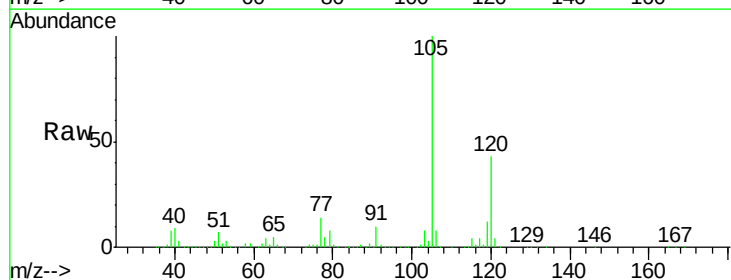
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

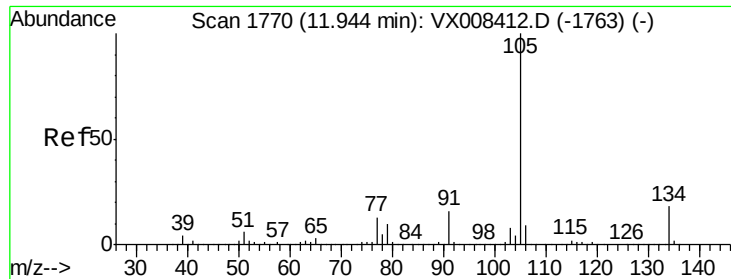
Tgt Ion:119 Resp: 179849
 Ion Ratio Lower Upper
 119 100
 91 59.3 30.1 90.3
 134 21.7 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.482 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion:105 Resp: 186170
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.6 65.0





#85

sec-Butylbenzene

Concen: 20.474 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

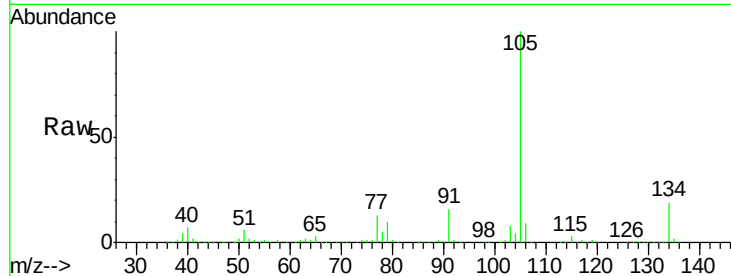
VSTDIC020

Tgt Ion:105 Resp: 212784

Ion Ratio Lower Upper

105 100

134 19.0 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

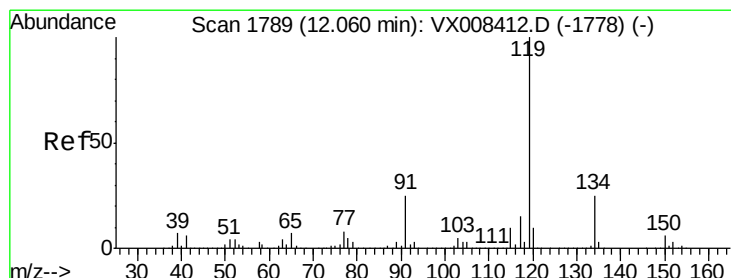
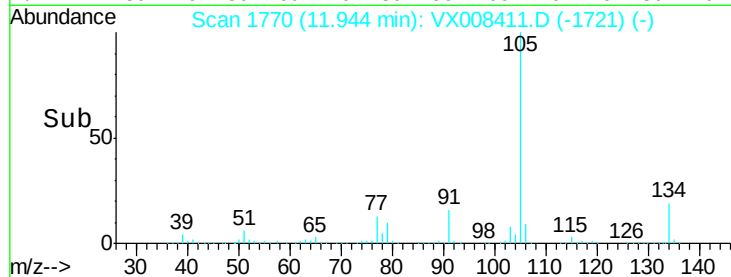
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.591 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

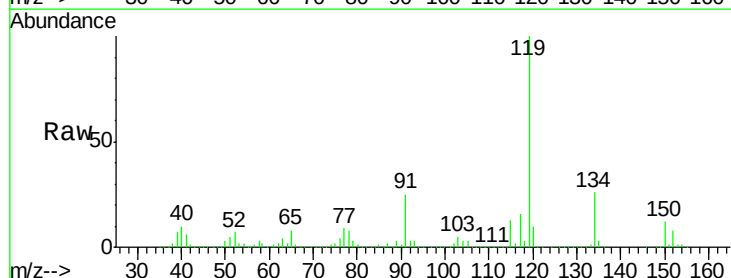
Tgt Ion:119 Resp: 188613

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.9 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

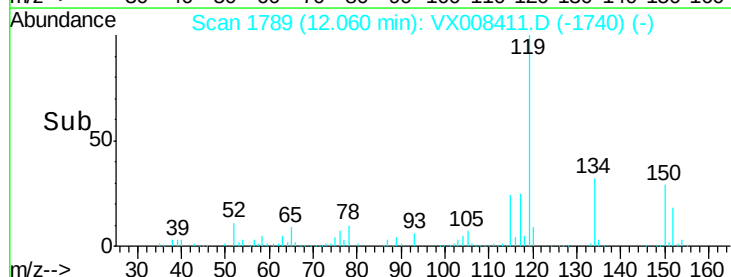
150000

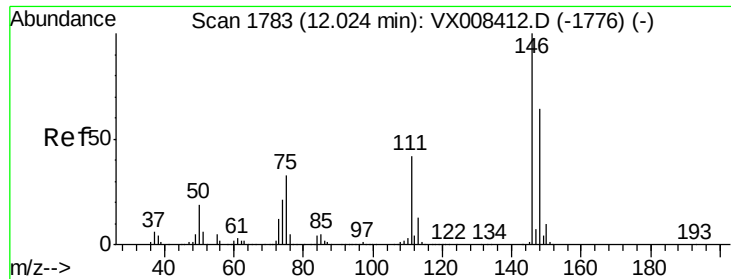
100000

50000

0

Time-->

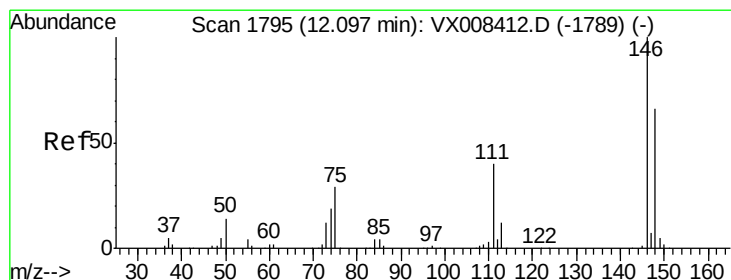
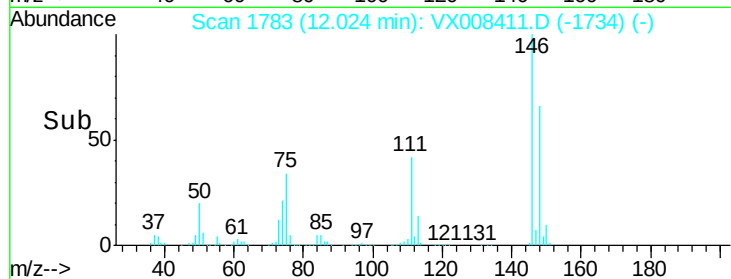
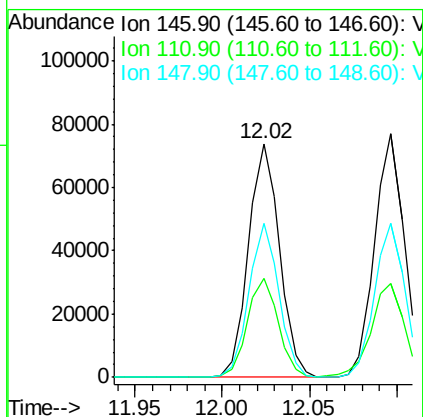
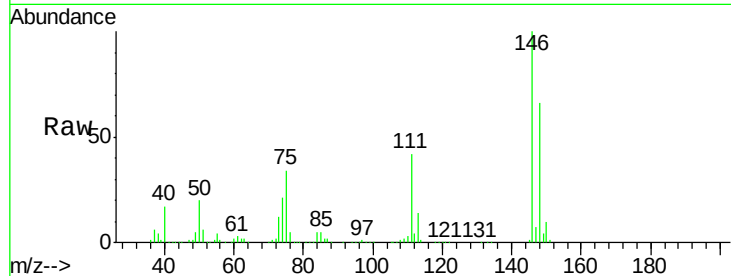




#87
 1,3-Dichlorobenzene
 Concen: 20.014 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

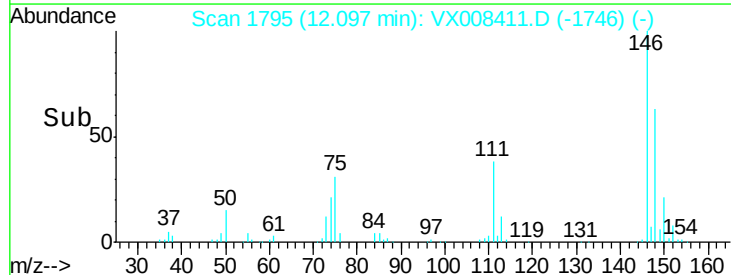
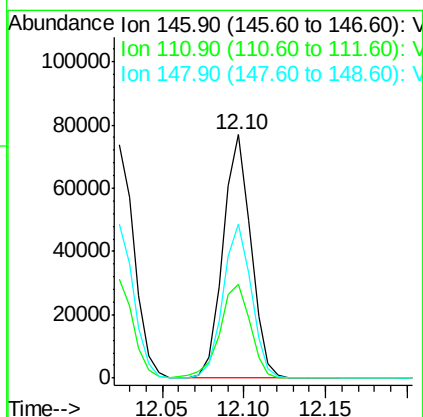
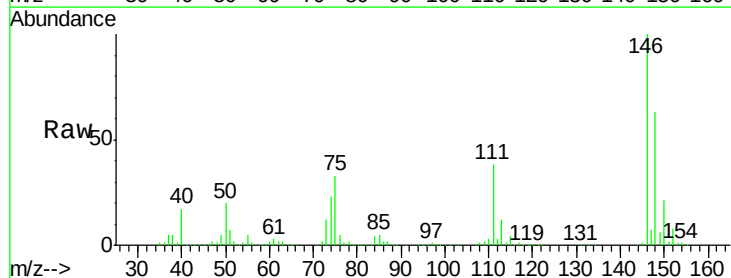
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

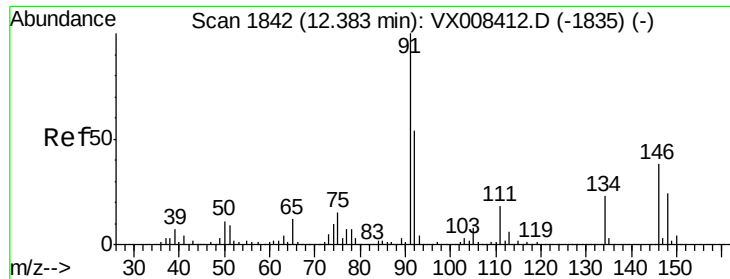
Tgt Ion:146 Resp: 91164
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.5
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.662 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion:146 Resp: 91256
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.3 61.0
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 19.964 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

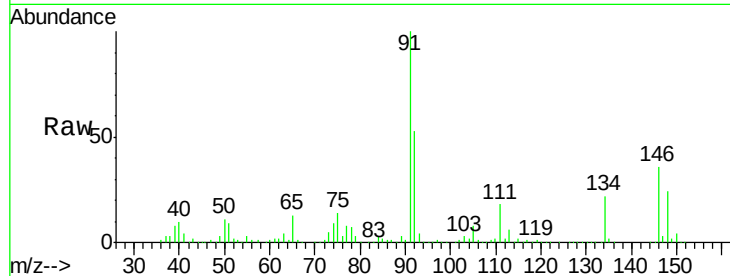
Tgt Ion: 91 Resp: 174423

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

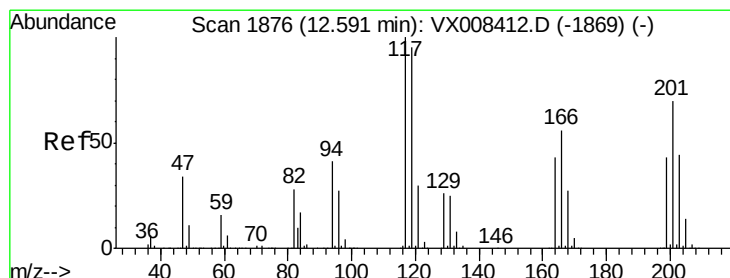
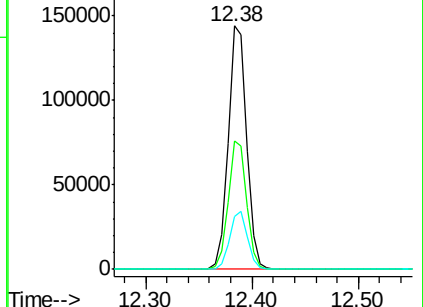
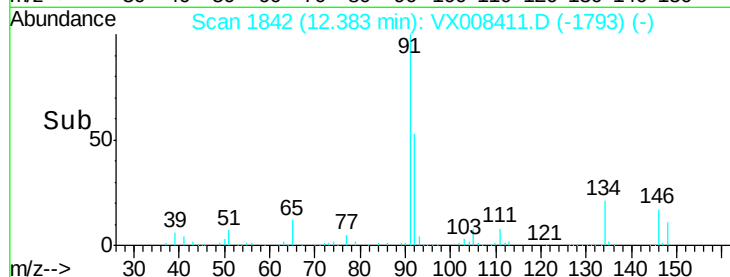
134 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX008411.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008411.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008411.D (-1793) (-)



#90

Hexachloroethane

Concen: 19.698 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX008411.D

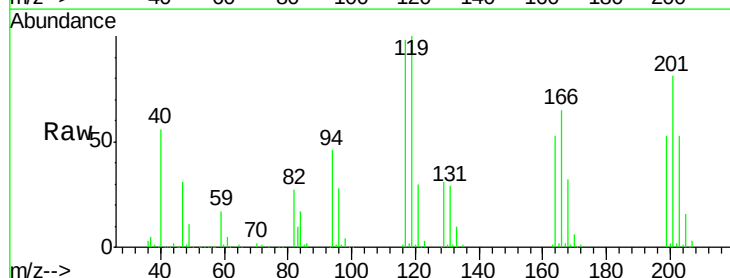
Acq: 25 Mar 2019 14:30

Tgt Ion: 117 Resp: 29865

Ion Ratio Lower Upper

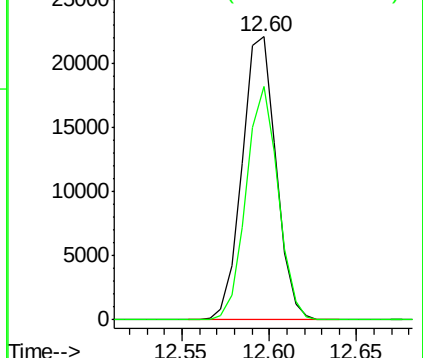
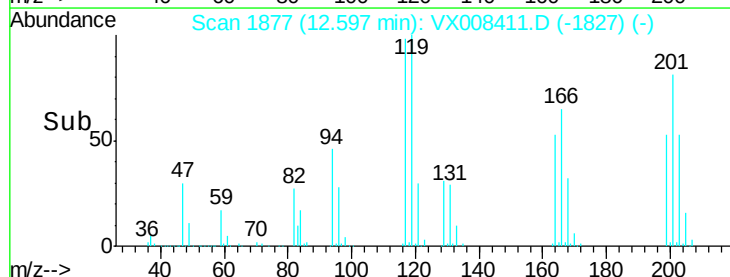
117 100

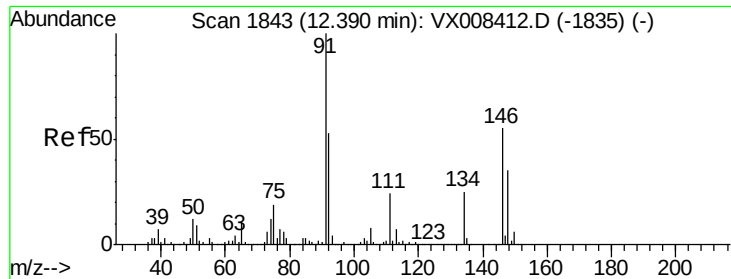
201 77.5 39.4 118.1



Abundance Ion 116.80 (116.50 to 117.50): VX008411.D (-1827) (-)

Ion 200.70 (200.40 to 201.40): VX008411.D (-1827) (-)

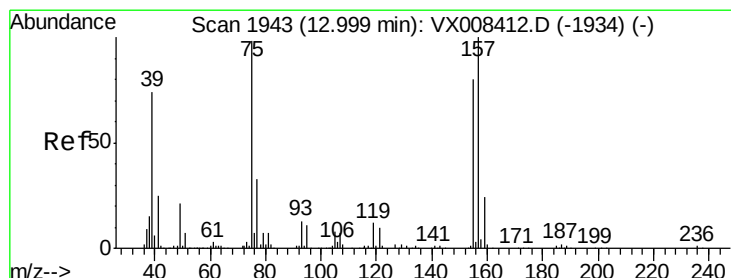
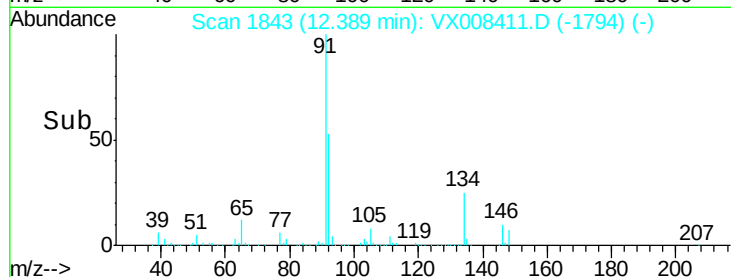
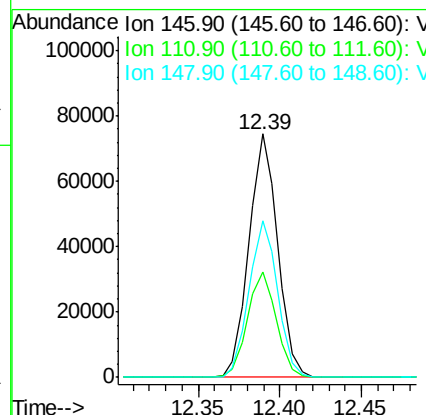
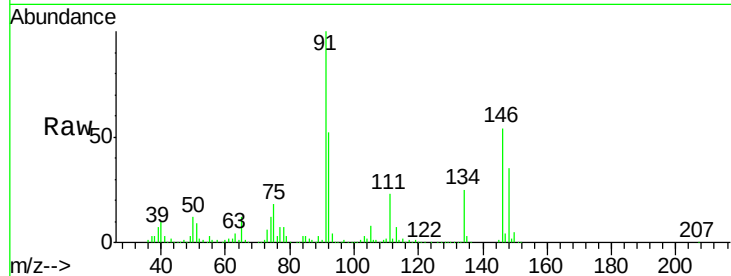




#91
 1,2-Dichlorobenzene
 Concen: 19.793 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

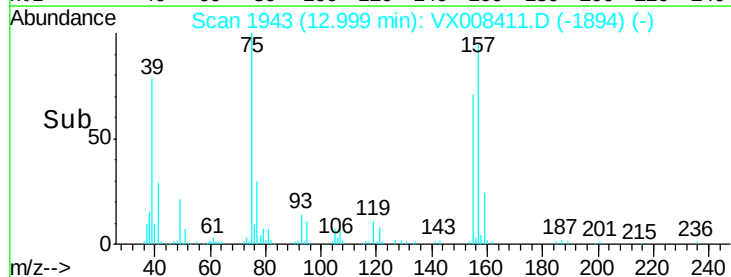
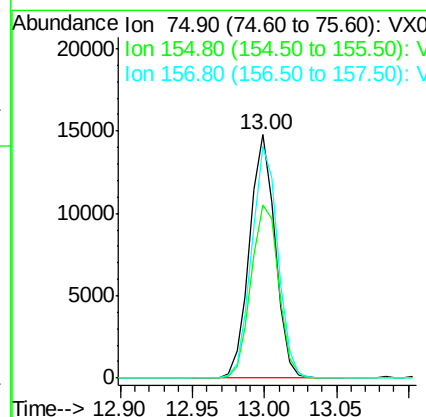
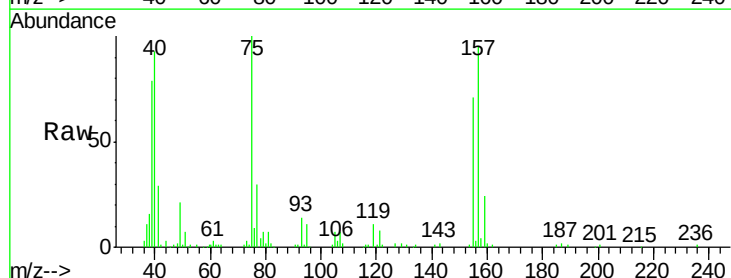
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

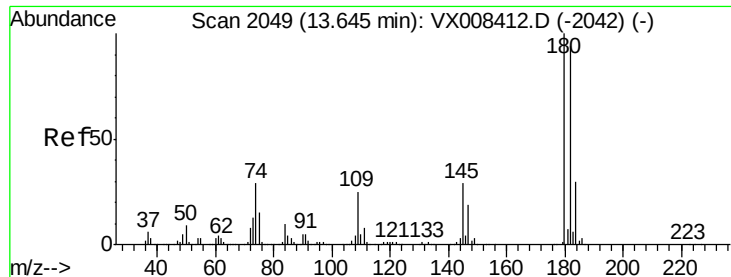
Tgt Ion:146 Resp: 91532
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 64.6
 148 64.5 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.084 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion: 75 Resp: 18153
 Ion Ratio Lower Upper
 75 100
 155 75.8 39.5 118.5
 157 96.6 49.9 149.7

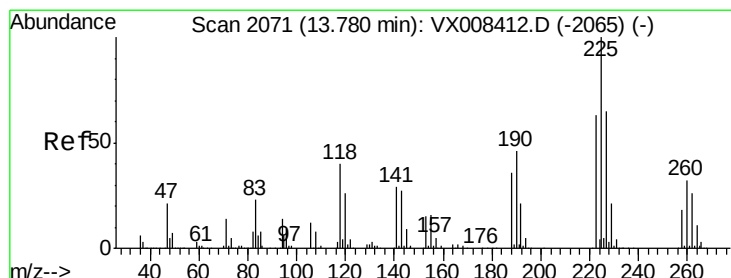
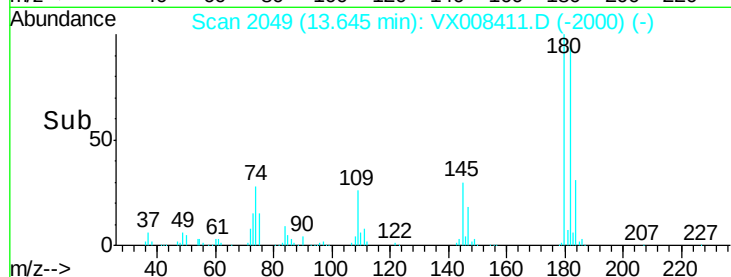
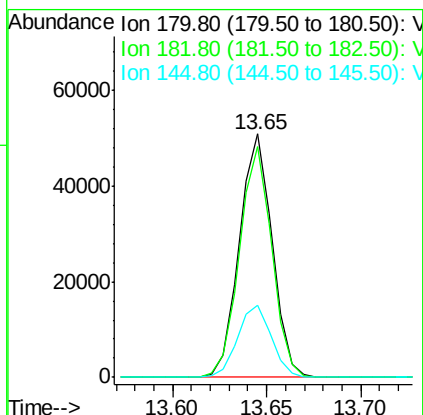
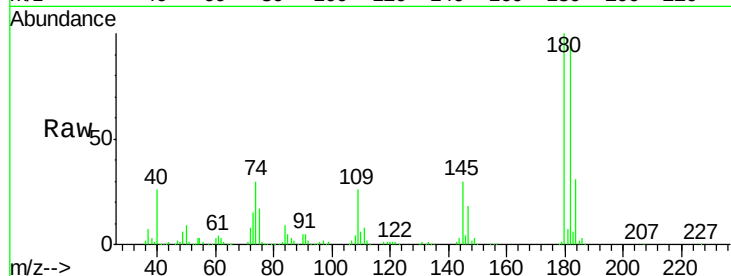




#93
 1,2,4-Trichlorobenzene
 Concen: 19.597 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

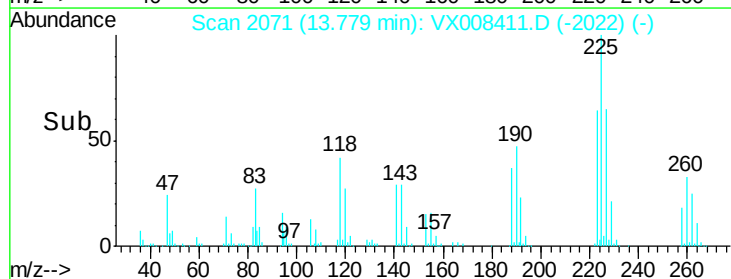
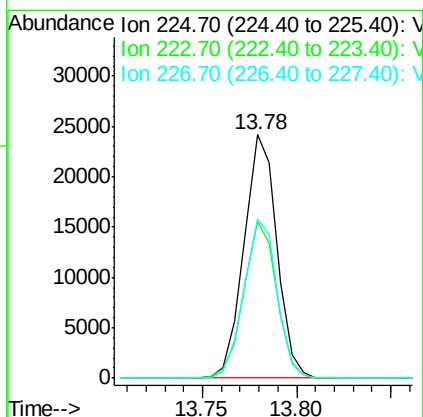
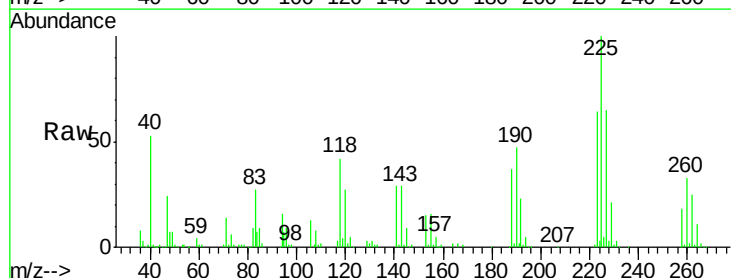
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

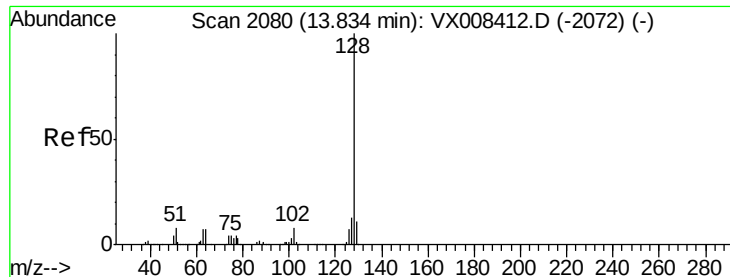
Tgt Ion:180 Resp: 61255
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.3 142.0
 145 30.6 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 19.829 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008411.D
 Acq: 25 Mar 2019 14:30

Tgt Ion:225 Resp: 29262
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.4 94.0
 227 65.4 31.9 95.9





#95

Naphthalene

Concen: 20.435 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

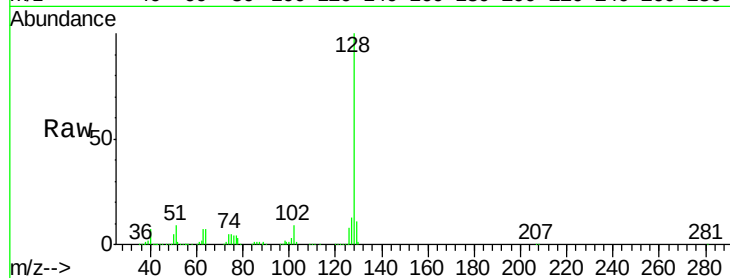
Tgt Ion:128 Resp: 222497

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

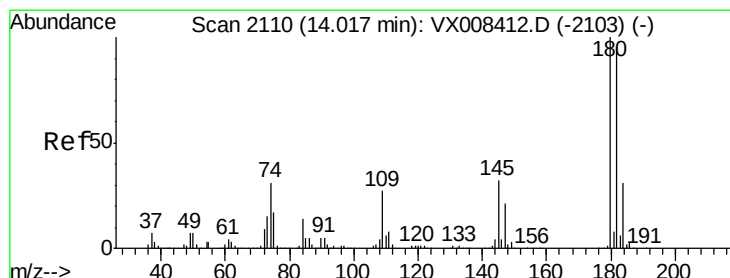
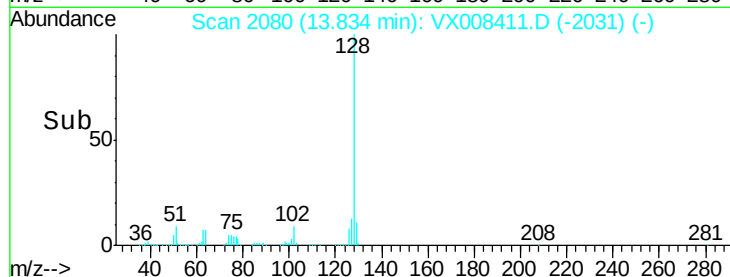
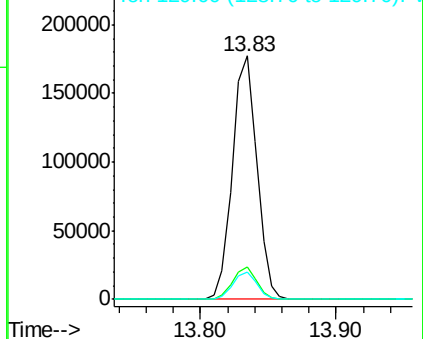
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.261 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008411.D

Acq: 25 Mar 2019 14:30

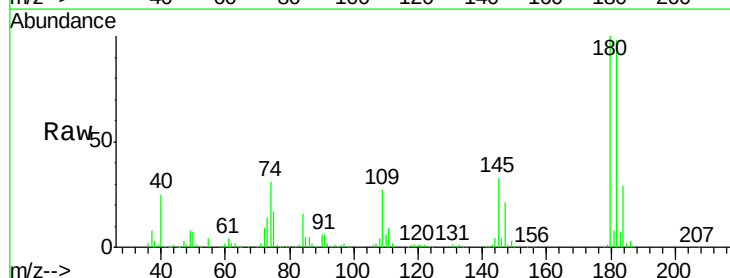
Tgt Ion:180 Resp: 63609

Ion Ratio Lower Upper

180 100

182 96.2 47.3 142.0

145 32.3 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

