

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032519\
 Data File : VX008413.D
 Acq On : 25 Mar 2019 15:17
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 26 04:21:54 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	198980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152475	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	286875	95.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.58%	
35) Dibromofluoromethane	5.49	113	214742	97.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.66%	
50) Toluene-d8	8.71	98	860333	98.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.16%	
62) 4-Bromofluorobenzene	11.13	95	330840	102.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	211586	94.404	ug/l 100
3) Chloromethane	1.32	50	285137	86.282	ug/l 100
4) Vinyl Chloride	1.40	62	297819	91.885	ug/l 100
5) Bromomethane	1.64	94	165219	83.124	ug/l 100
6) Chloroethane	1.70	64	189257	98.510	ug/l 100
7) Trichlorofluoromethane	1.92	101	338581	92.116	ug/l 99
8) Diethyl Ether	2.18	74	159717	90.539	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204826	93.793	ug/l 100
10) Methyl Iodide	2.51	142	224450	85.200	ug/l 100
11) Tert butyl alcohol	3.06	59	327535	484.970	ug/l 100
12) 1,1-Dichloroethene	2.37	96	209918	92.789	ug/l 97
13) Acrolein	2.29	56	227600	413.795	ug/l 100
14) Allyl chloride	2.72	41	479607	96.161	ug/l 100
15) Acrylonitrile	3.14	53	814793	473.977	ug/l 100
16) Acetone	2.45	43	727876	480.170	ug/l 99
17) Carbon Disulfide	2.56	76	655350	90.852	ug/l 100
18) Methyl Acetate	2.77	43	345456	91.696	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	789583	97.023	ug/l 99
20) Methylene Chloride	2.85	84	252489	92.485	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	225489	92.377	ug/l 97
22) Diisopropyl ether	3.85	45	934805	96.096	ug/l 100
23) Vinyl Acetate	3.81	43	4229591	493.004	ug/l 99
24) 1,1-Dichloroethane	3.69	63	469563	94.764	ug/l 98
25) 2-Butanone	4.68	43	1205432	485.336	ug/l 99
26) 2,2-Dichloropropane	4.58	77	328113	102.076	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	262999	94.015	ug/l 100
28) Bromochloromethane	5.01	49	223120	91.521	ug/l 100
29) Tetrahydrofuran	5.13	42	775616	472.594	ug/l 100
30) Chloroform	5.21	83	425214	95.117	ug/l 100
31) Cyclohexane	5.58	56	445094	93.845	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	351955	99.297	ug/l 99
36) 1,1-Dichloropropene	5.80	75	338001	97.098	ug/l 99
37) Ethyl Acetate	4.84	43	449400	95.790	ug/l 99
38) Carbon Tetrachloride	5.78	117	293538	98.125	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	414954	97.176	ug/l	99
40) Benzene	6.14	78	1016681	95.785	ug/l	99
41) Methacrylonitrile	5.04	41	255584	99.730	ug/l	100
42) 1,2-Dichloroethane	6.19	62	362618	94.123	ug/l	100
43) Isopropyl Acetate	6.45	43	742930	101.418	ug/l	100
44) Trichloroethene	7.21	130	235479	95.456	ug/l	98
45) 1,2-Dichloropropane	7.51	63	290003	96.504	ug/l	98
46) Dibromomethane	7.66	93	168681	94.776	ug/l	99
47) Bromodichloromethane	7.90	83	341717	100.484	ug/l	99
48) Methyl methacrylate	7.77	41	376634	101.551	ug/l	99
49) 1,4-Dioxane	7.74	88	139589	1864.394	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2429822	503.492	ug/l	99
52) Toluene	8.79	92	614282	98.459	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	403379	110.097	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	437827	105.767	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	250244	96.574	ug/l	98
56) Ethyl methacrylate	9.18	69	489069	106.461	ug/l	100
57) 1,3-Dichloropropane	9.37	76	447016	97.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1214408	494.818	ug/l	99
59) 2-Hexanone	9.49	43	1880904	505.150	ug/l	100
60) Dibromochloromethane	9.58	129	257508	106.945	ug/l	98
61) 1,2-Dibromoethane	9.67	107	261874	99.694	ug/l	99
64) Tetrachloroethene	9.34	164	191921	94.022	ug/l	98
65) Chlorobenzene	10.14	112	642002	97.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	231337	101.639	ug/l	99
67) Ethyl Benzene	10.25	91	1210961	98.398	ug/l	100
68) m/p-Xylenes	10.36	106	886184	200.424	ug/l	99
69) o-Xylene	10.69	106	432570	100.042	ug/l	100
70) Styrene	10.71	104	773892	103.173	ug/l	100
71) Bromoform	10.85	173	196753	111.507	ug/l	100
73) Isopropylbenzene	11.02	105	1141157	94.817	ug/l	100
74) N-amyl acetate	10.90	43	695809	98.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	435741	91.111	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	516096	129.247	ug/l	82
77) Bromobenzene	11.26	156	278215	97.347	ug/l	99
78) n-propylbenzene	11.36	91	1373474	97.437	ug/l	100
79) 2-Chlorotoluene	11.42	91	808708	93.906	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	984295	96.108	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	156466	111.973	ug/l	97
82) 4-Chlorotoluene	11.51	91	954747	96.384	ug/l	99
83) tert-Butylbenzene	11.77	119	959949	98.681	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	996991	97.425	ug/l	100
85) sec-Butylbenzene	11.94	105	1132612	96.798	ug/l	99
86) p-Isopropyltoluene	12.06	119	1026776	99.564	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	498667	97.238	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	496729	95.062	ug/l	99
89) n-Butylbenzene	12.39	91	1004301	102.101	ug/l	99
90) Hexachloroethane	12.60	117	178735	104.708	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	491165	94.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	98122	96.426	ug/l	99

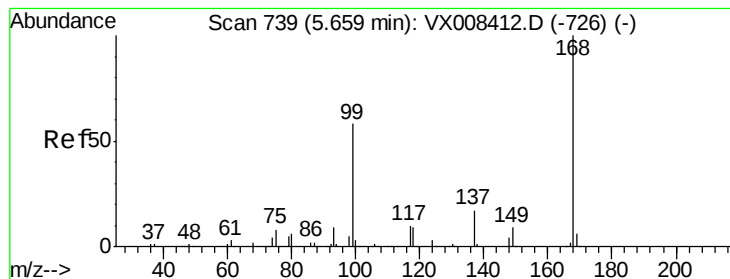
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	342716	97.388	ug/l	100
94) Hexachlorobutadiene	13.78	225	162090	97.562	ug/l	99
95) Naphthalene	13.83	128	1153975	94.137	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	338908	95.882	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: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

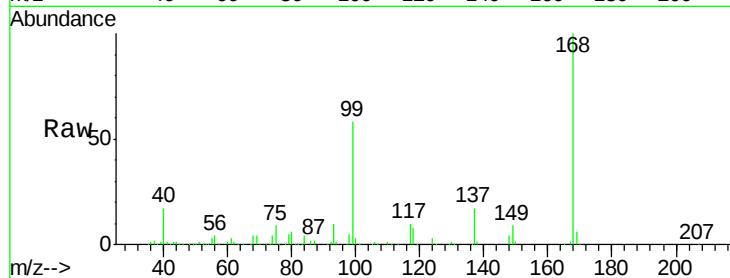
VSTDIC100

Tgt Ion:168 Resp: 198980

Ion Ratio Lower Upper

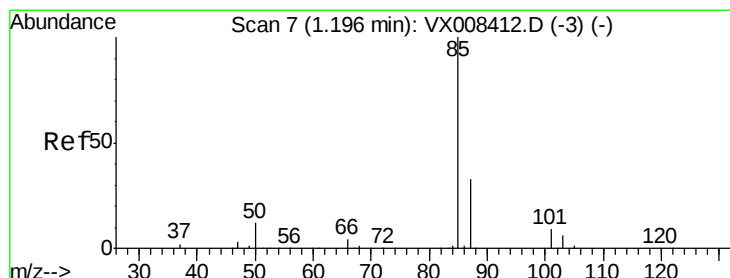
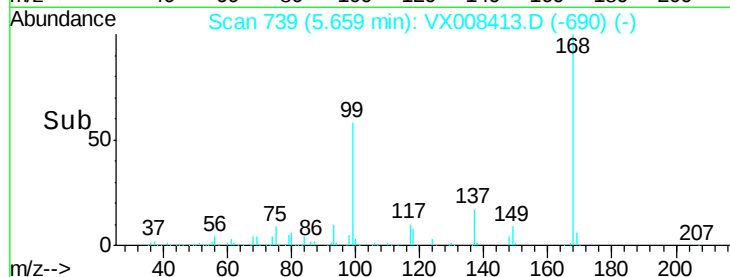
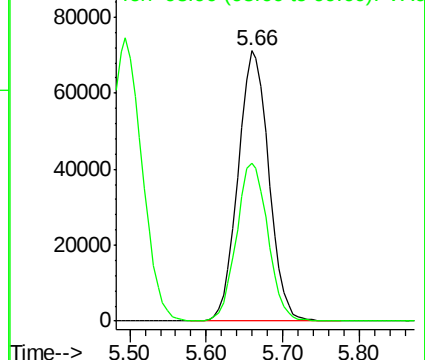
168 100

99 58.0 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 94.404 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008413.D

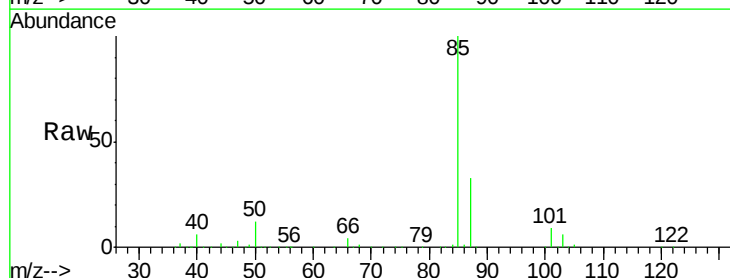
Acq: 25 Mar 2019 15:17

Tgt Ion: 85 Resp: 211586

Ion Ratio Lower Upper

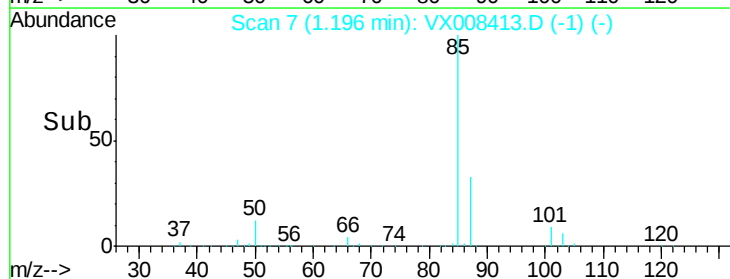
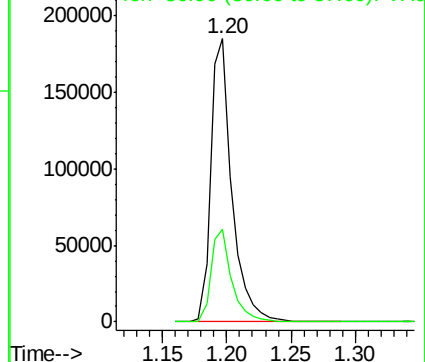
85 100

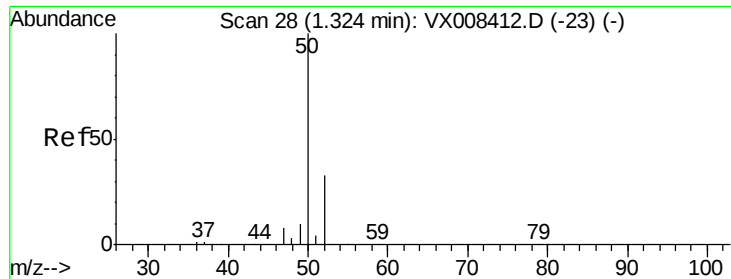
87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 86.282 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

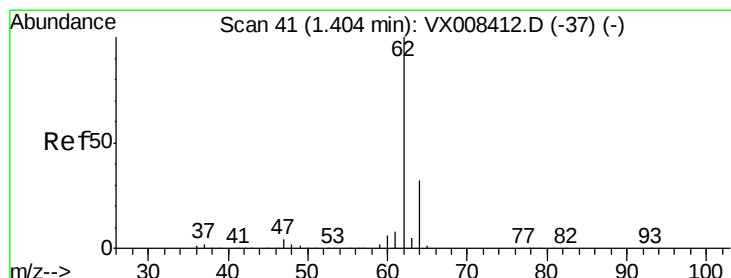
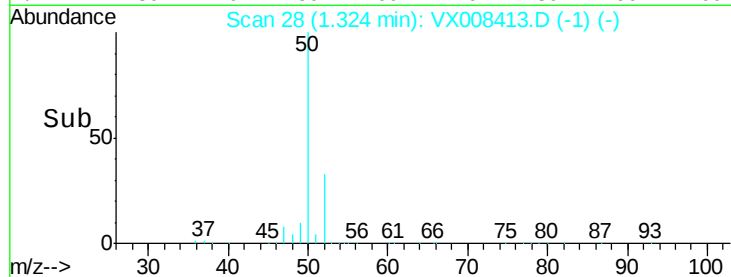
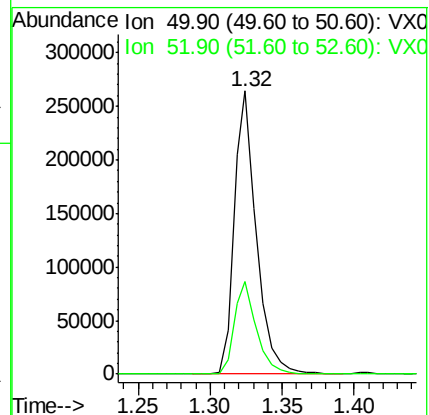
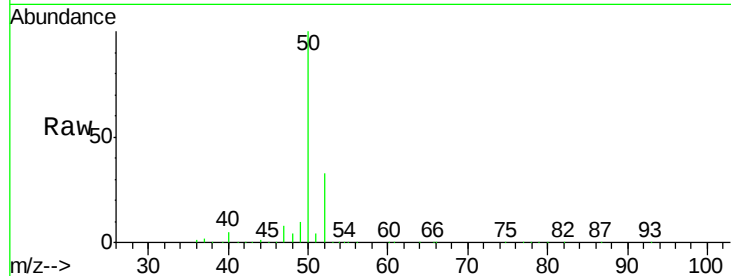
VSTDIC100

Tgt Ion: 50 Resp: 285137

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 91.885 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008413.D

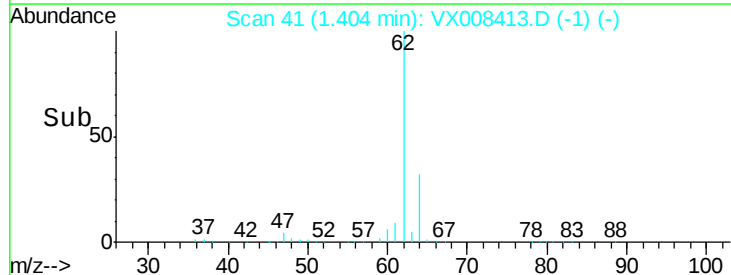
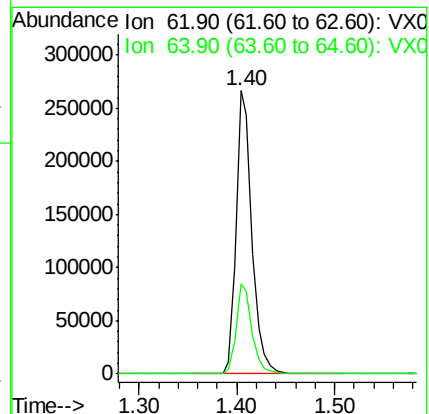
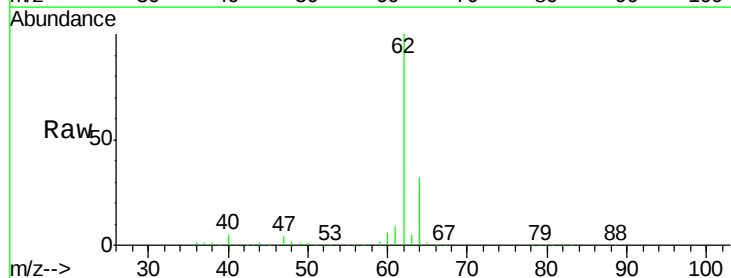
Acq: 25 Mar 2019 15:17

Tgt Ion: 62 Resp: 297819

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 83.124 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

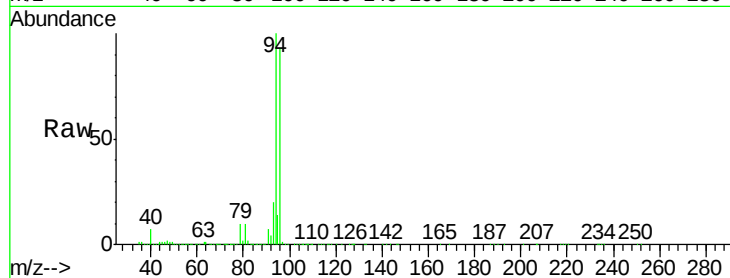
VSTDIC100

Tgt Ion: 94 Resp: 165219

Ion Ratio Lower Upper

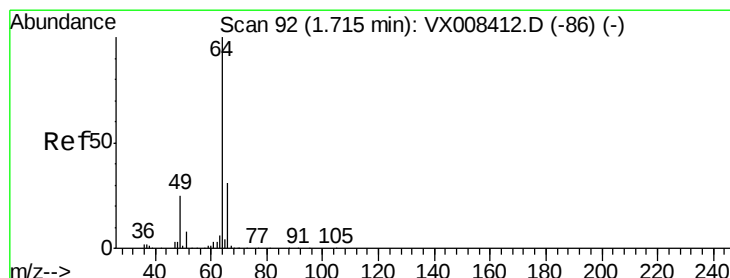
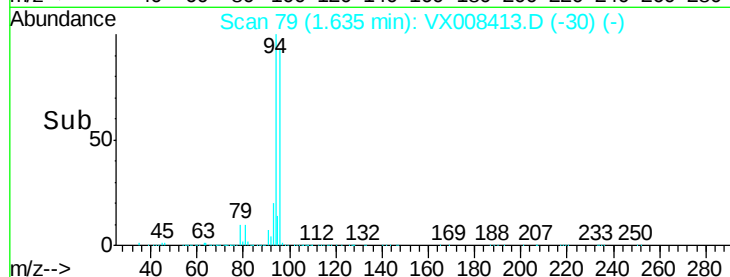
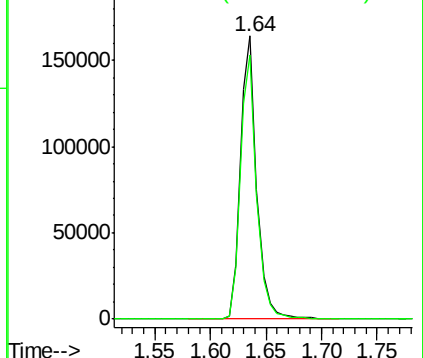
94 100

96 93.5 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: 98.510 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX008413.D

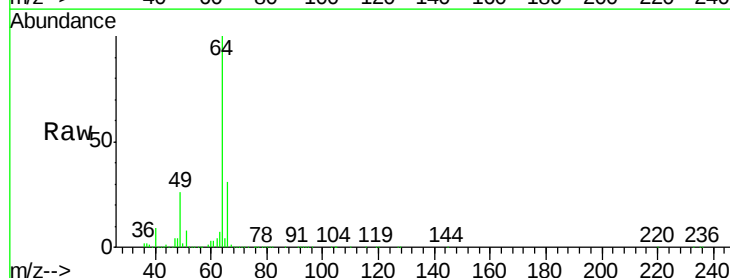
Acq: 25 Mar 2019 15:17

Tgt Ion: 64 Resp: 189257

Ion Ratio Lower Upper

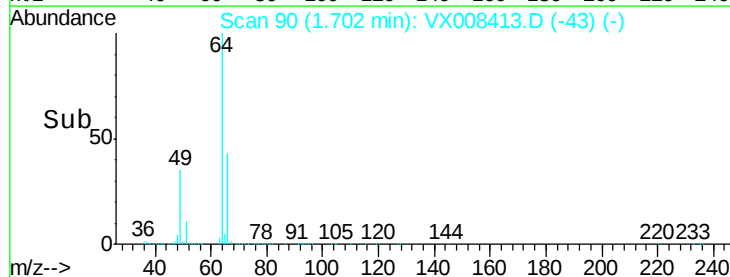
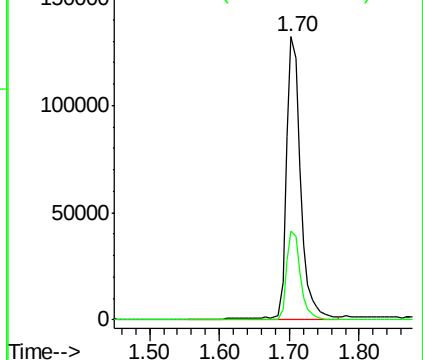
64 100

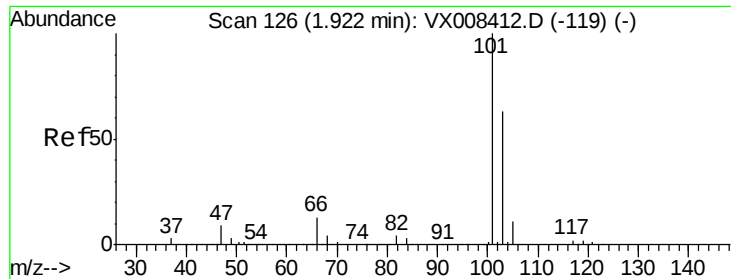
66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



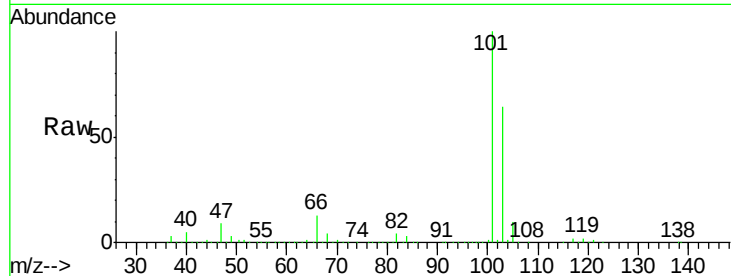


#7

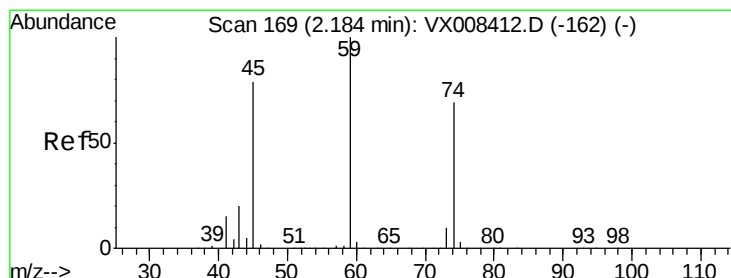
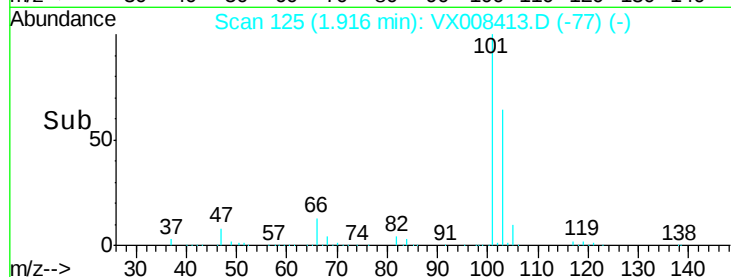
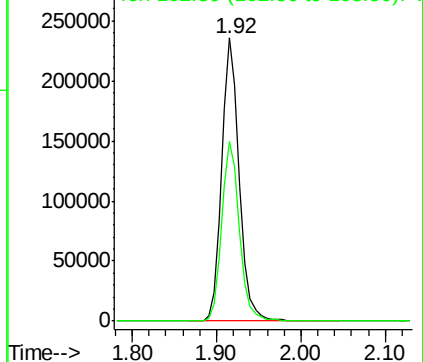
Trichlorofluoromethane
Concen: 92.116 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 101 Resp: 338581
Ion Ratio Lower Upper
101 100
103 63.6 50.2 75.4



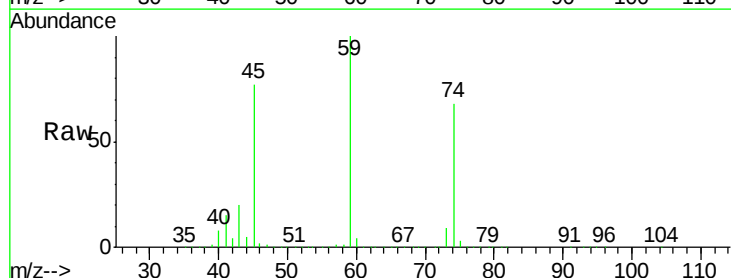
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



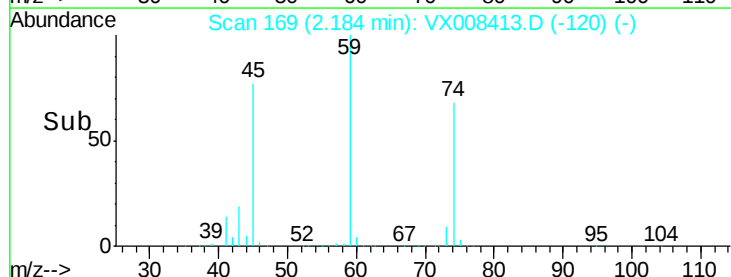
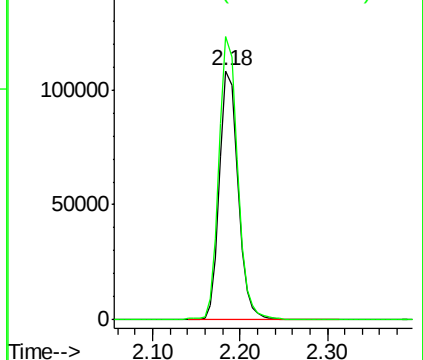
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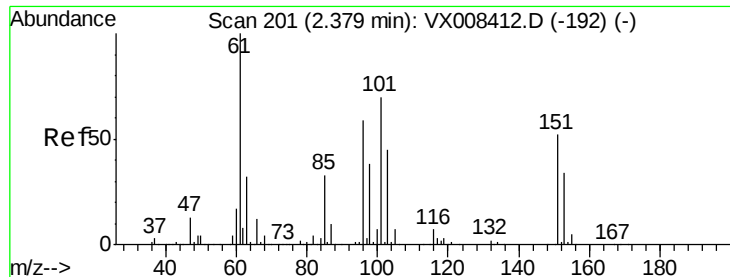
Diethyl Ether
Concen: 90.539 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion: 74 Resp: 159717
Ion Ratio Lower Upper
74 100
45 114.3 56.4 169.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.793 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

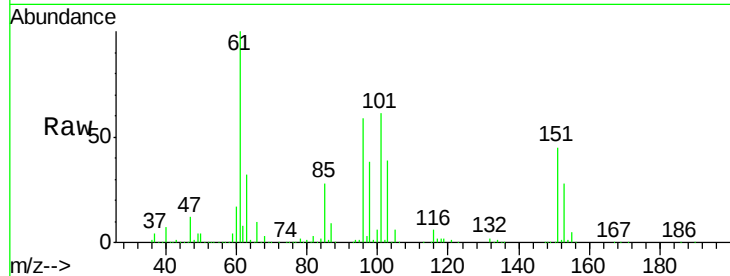
Tgt Ion:101 Resp: 204826

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

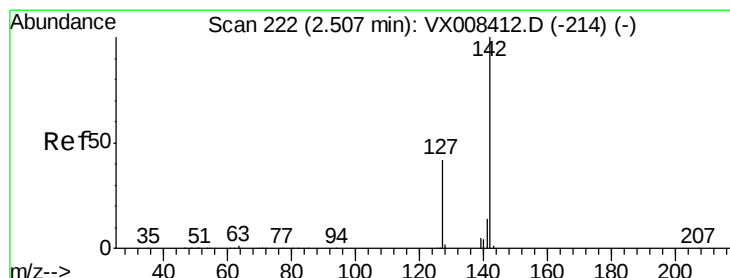
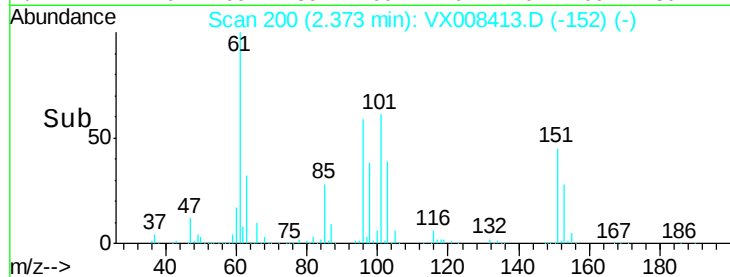
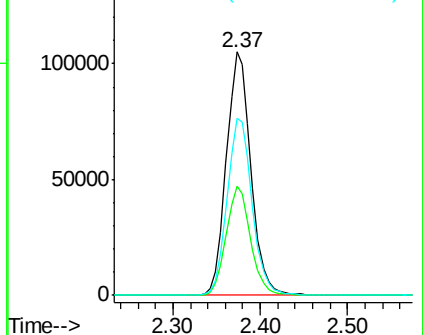
151 74.3 59.2 88.8



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: 85.200 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

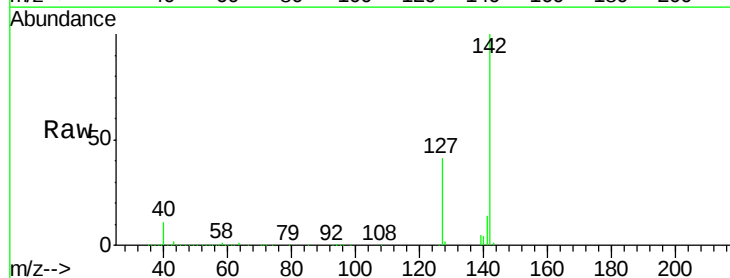
Tgt Ion:142 Resp: 224450

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

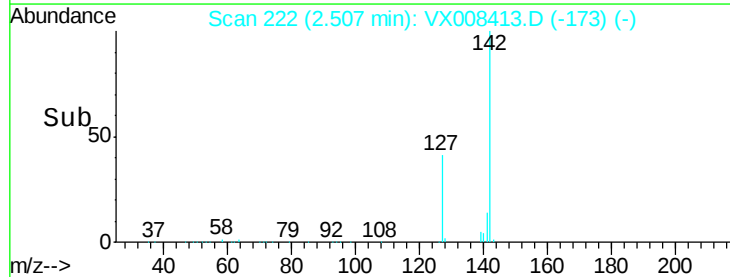
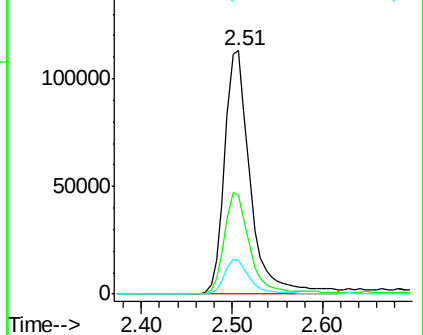
141 14.2 11.3 16.9

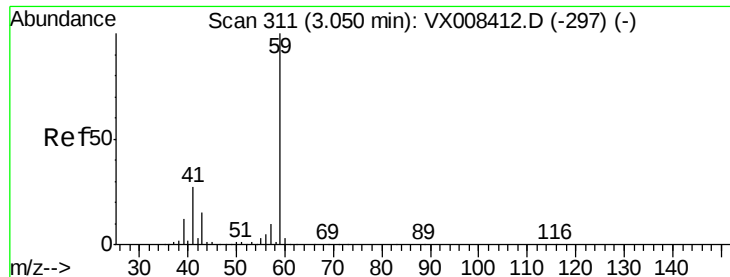


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

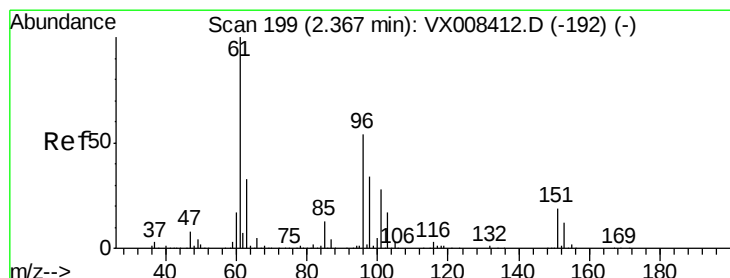
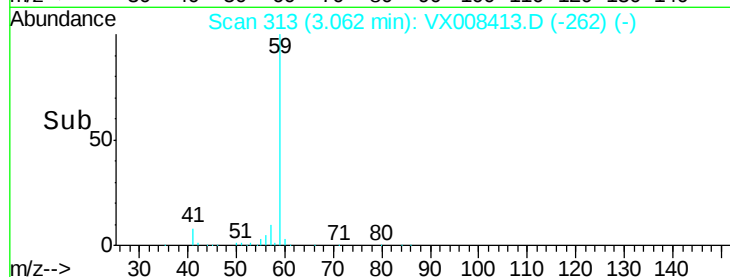
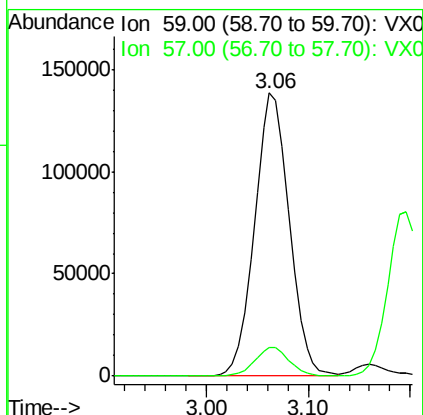
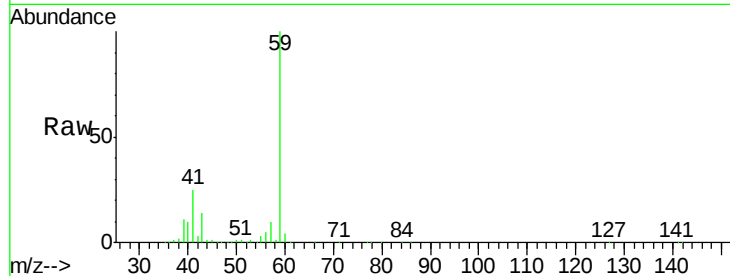




#11
Tert butyl alcohol
Concen: 484.970 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

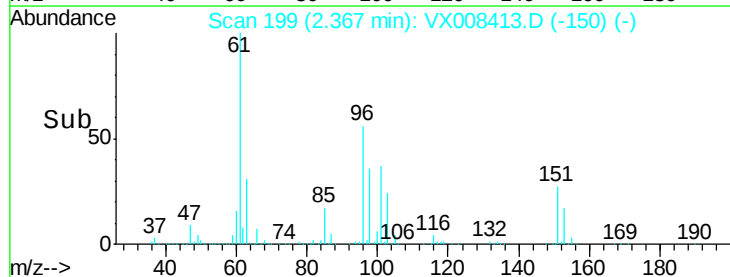
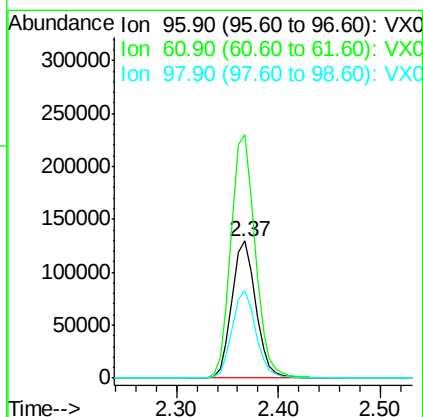
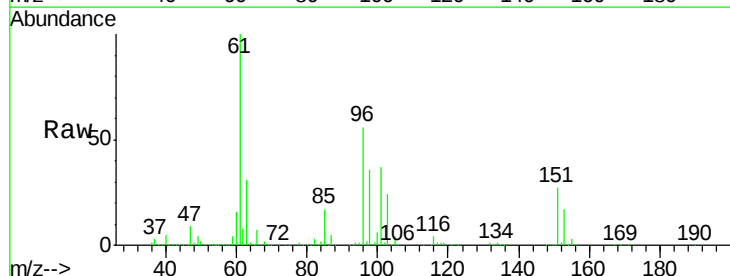
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

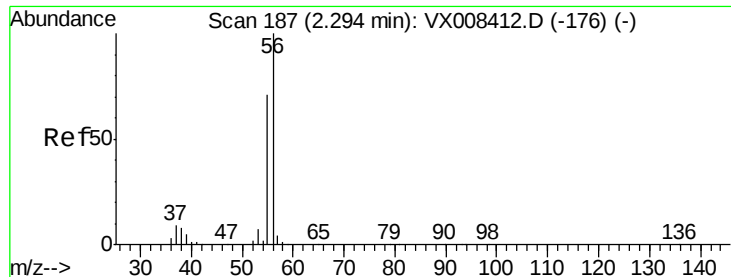
Tgt Ion: 59 Resp: 327535
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 92.789 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion: 96 Resp: 209918
Ion Ratio Lower Upper
96 100
61 177.7 146.9 220.3
98 63.5 50.1 75.1





#13

Acrolein

Concen: 413.795 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

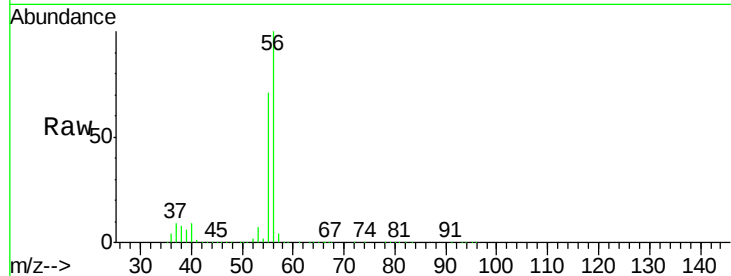
VSTDIC100

Tgt Ion: 56 Resp: 227600

Ion Ratio Lower Upper

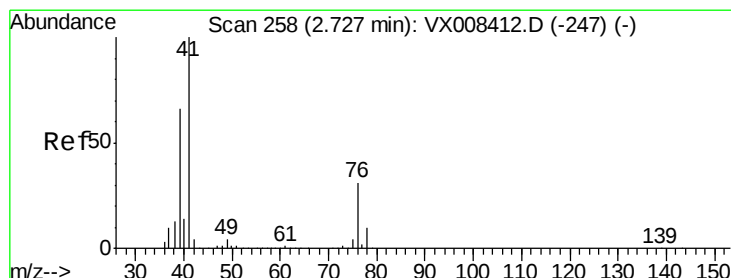
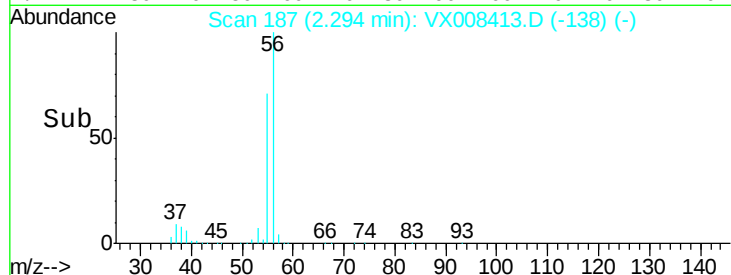
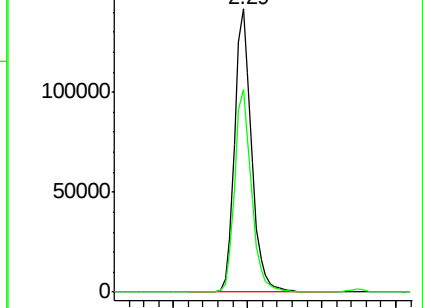
56 100

55 70.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 96.161 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

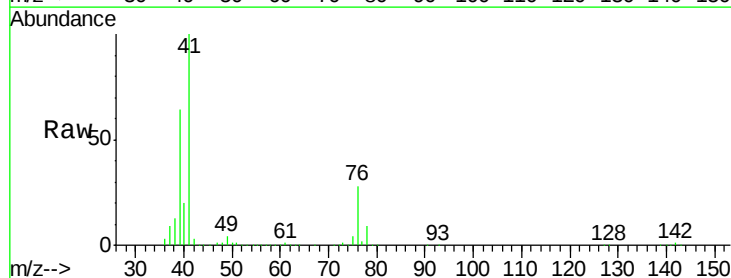
Tgt Ion: 41 Resp: 479607

Ion Ratio Lower Upper

41 100

39 62.0 49.6 74.4

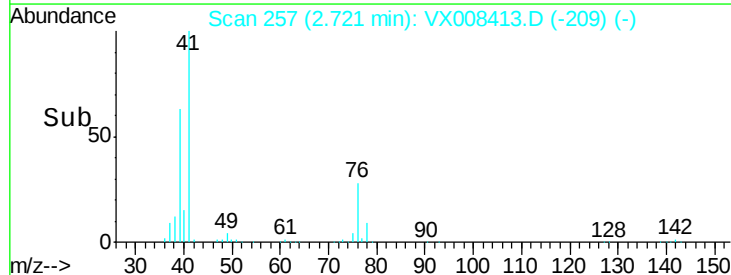
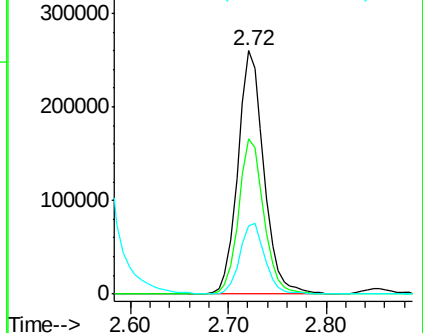
76 28.2 22.6 34.0



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





#15

Acrylonitrile

Concen: 473.977 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

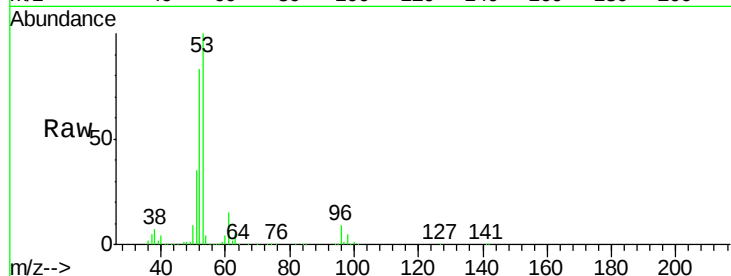
Tgt Ion: 53 Resp: 814793

Ion Ratio Lower Upper

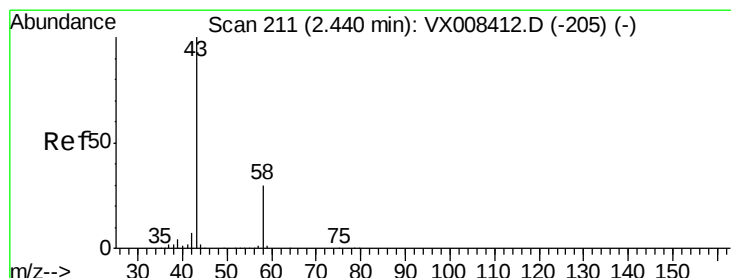
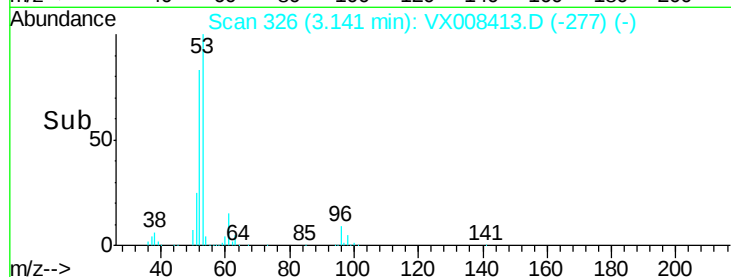
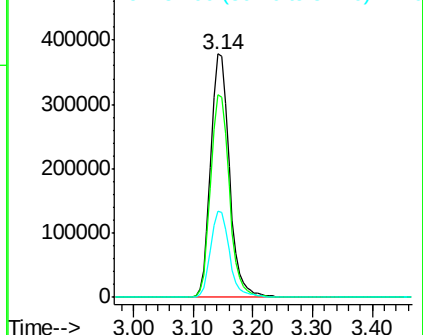
53 100

52 83.4 66.5 99.7

51 35.8 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: 480.170 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008413.D

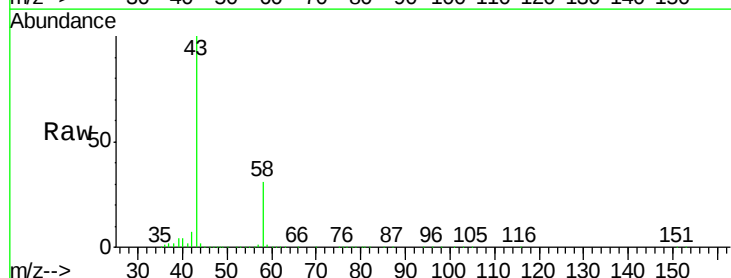
Acq: 25 Mar 2019 15:17

Tgt Ion: 43 Resp: 727876

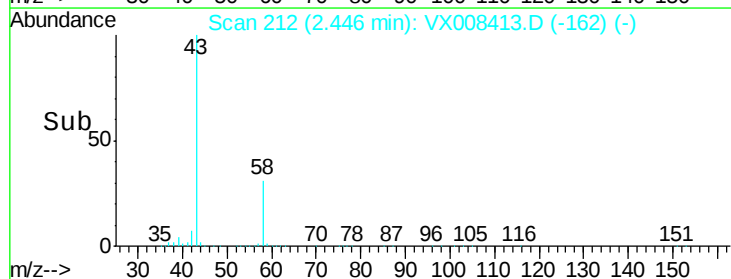
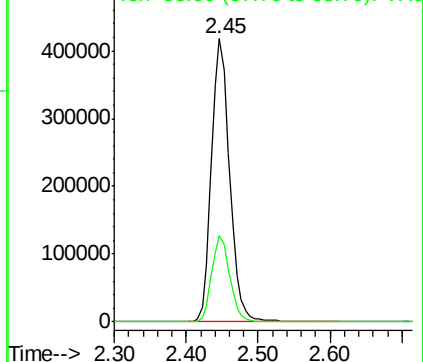
Ion Ratio Lower Upper

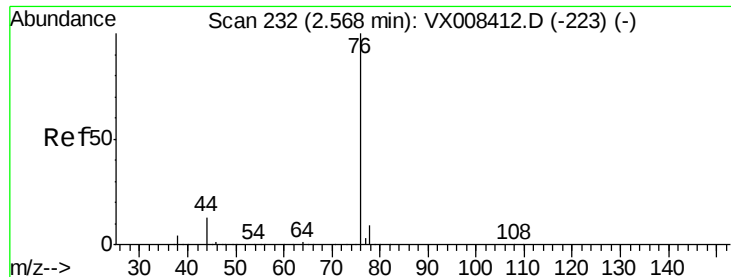
43 100

58 30.7 24.2 36.2



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





#17

Carbon Disulfide

Concen: 90.852 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

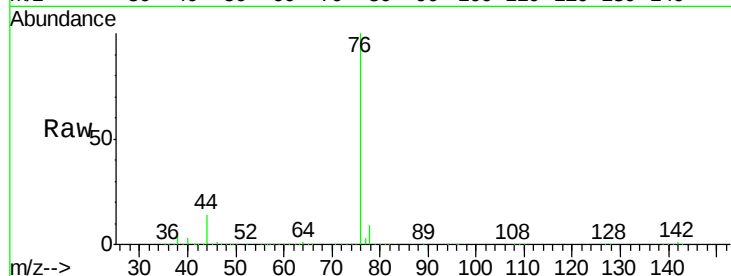
VSTDIC100

Tgt Ion: 76 Resp: 655350

Ion Ratio Lower Upper

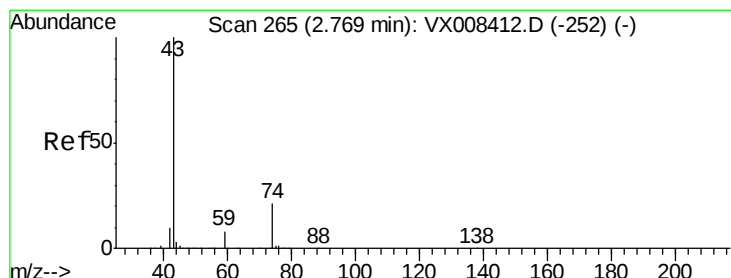
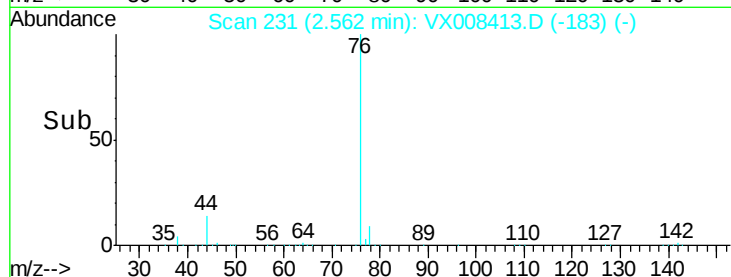
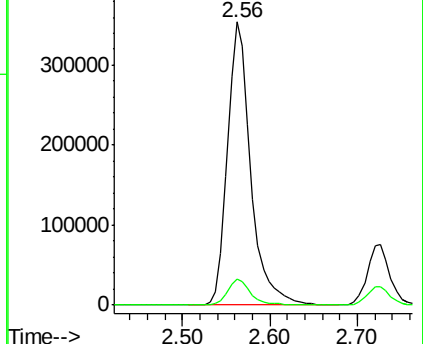
76 100

78 9.2 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: 91.696 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008413.D

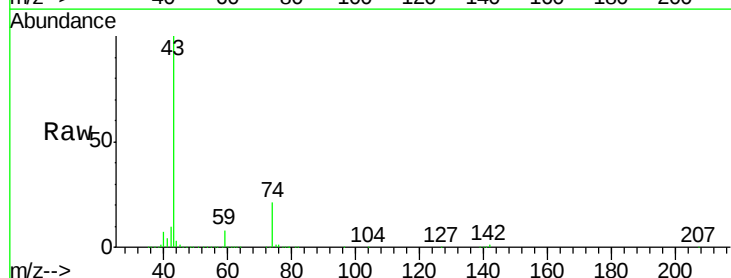
Acq: 25 Mar 2019 15:17

Tgt Ion: 43 Resp: 345456

Ion Ratio Lower Upper

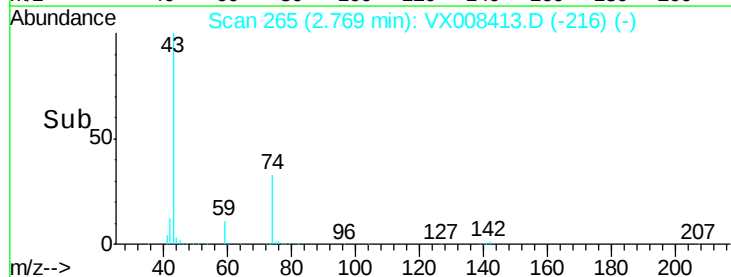
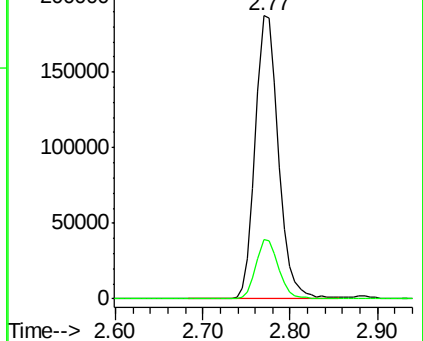
43 100

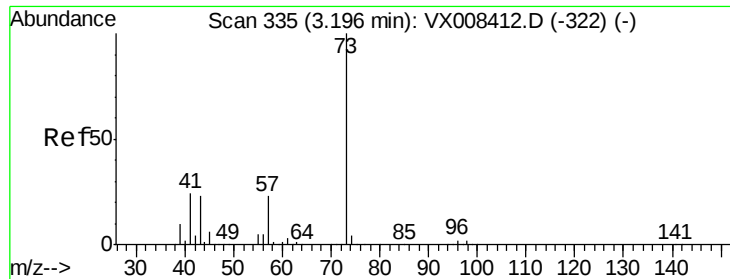
74 20.7 16.7 25.1



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: 97.023 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

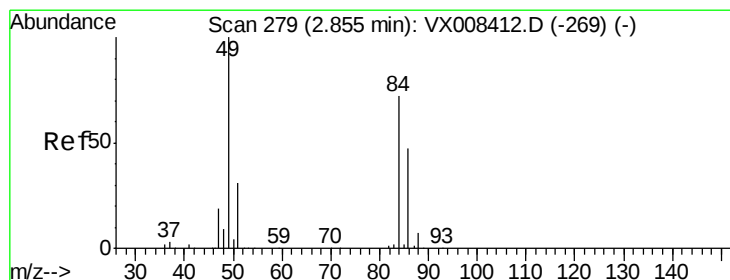
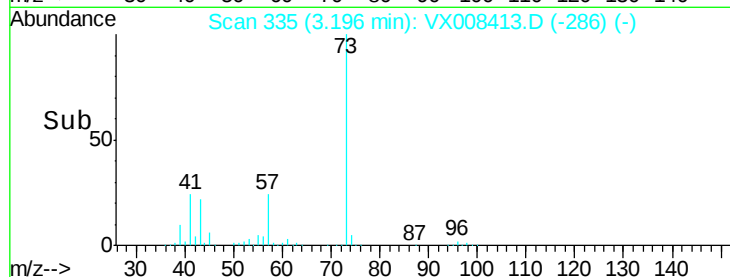
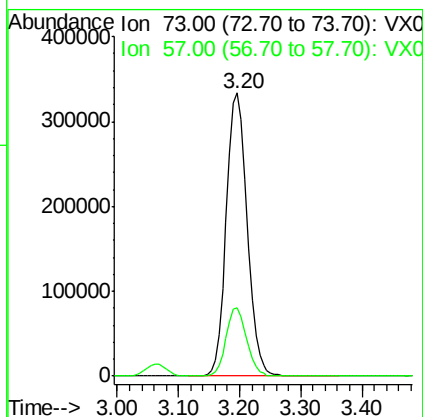
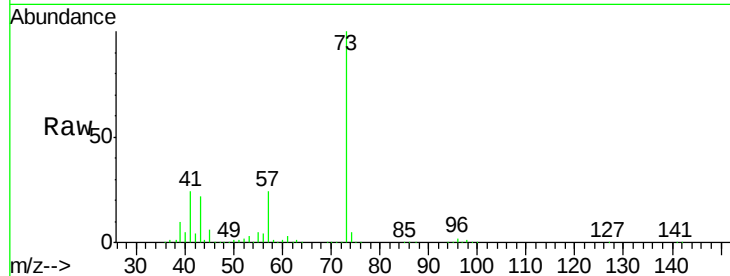
VSTDIC100

Tgt Ion: 73 Resp: 789583

Ion Ratio Lower Upper

73 100

57 24.0 18.6 28.0



#20

Methylene Chloride

Concen: 92.485 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Tgt Ion: 84 Resp: 252489

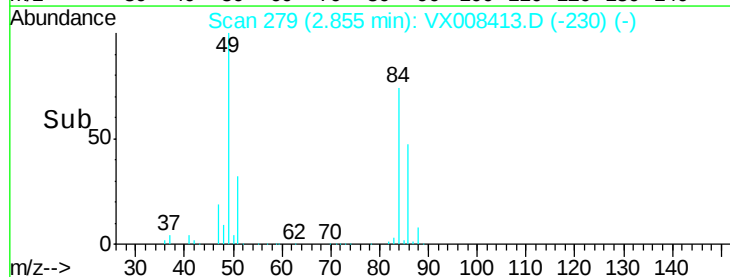
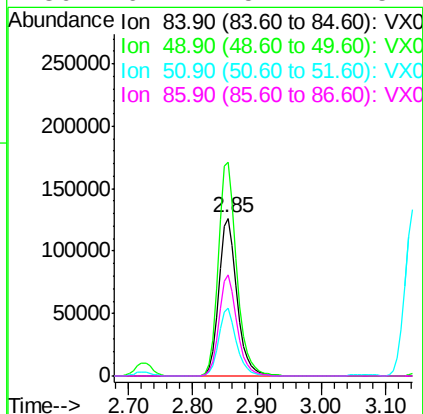
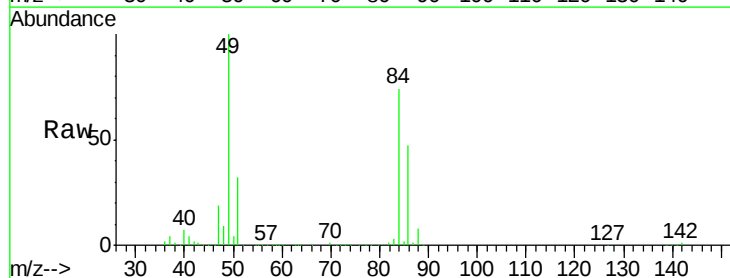
Ion Ratio Lower Upper

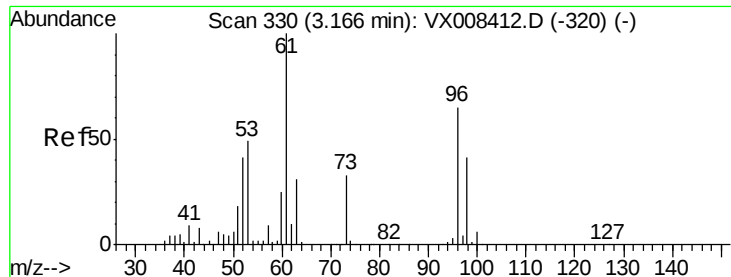
84 100

49 135.1 110.6 165.8

51 42.6 33.9 50.9

86 64.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 92.377 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

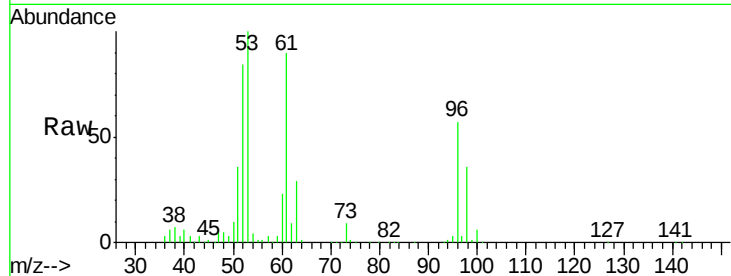
Tgt Ion: 96 Resp: 225489

Ion Ratio Lower Upper

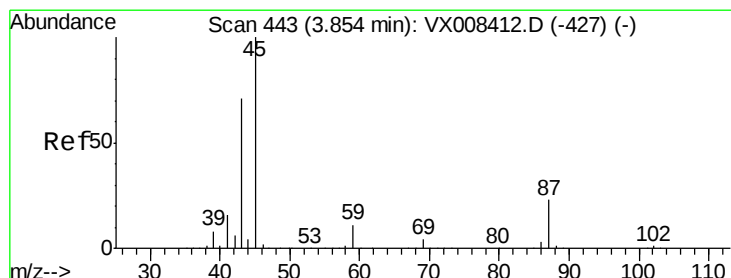
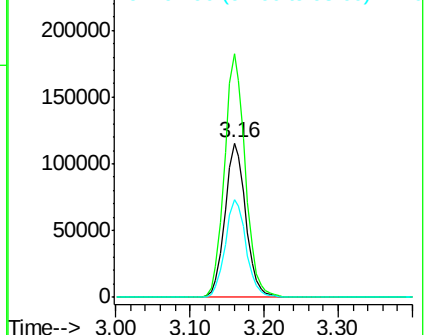
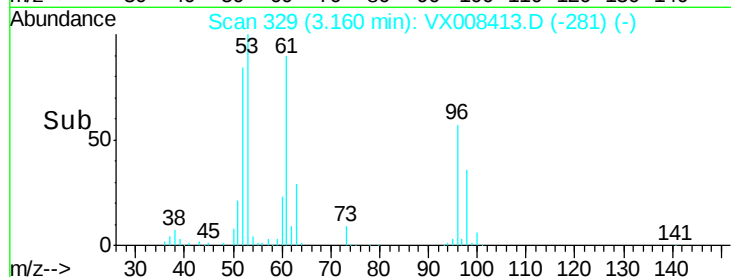
96 100

61 157.9 122.6 184.0

98 63.4 50.9 76.3



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



#22

Diisopropyl ether

Concen: 96.096 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Tgt Ion: 45 Resp: 934805

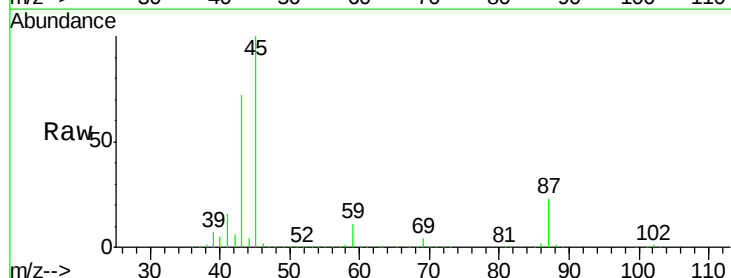
Ion Ratio Lower Upper

45 100

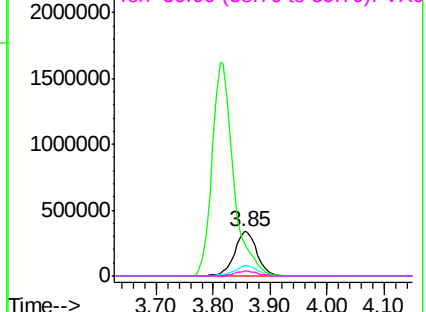
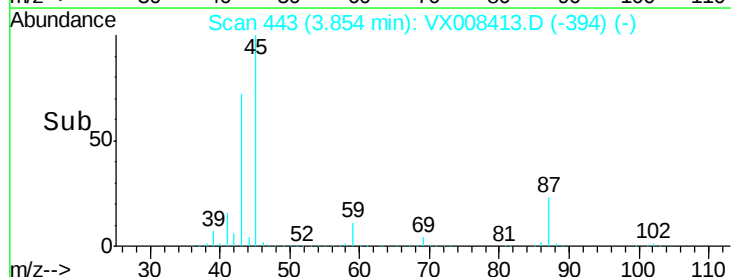
43 71.7 57.1 85.7

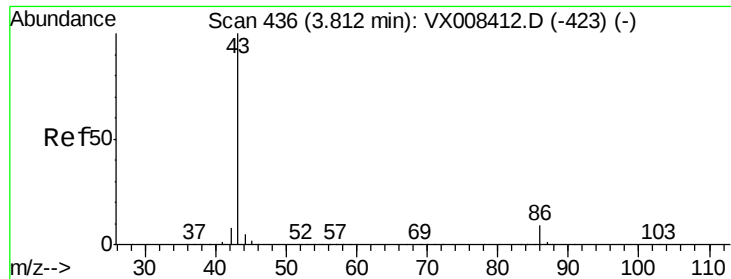
87 23.1 18.8 28.2

59 10.9 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

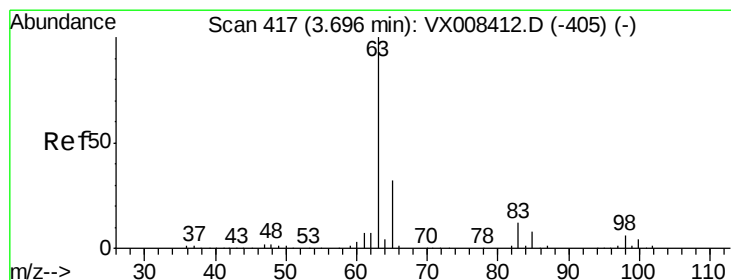
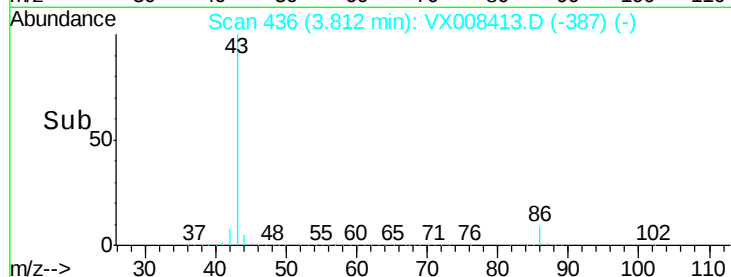
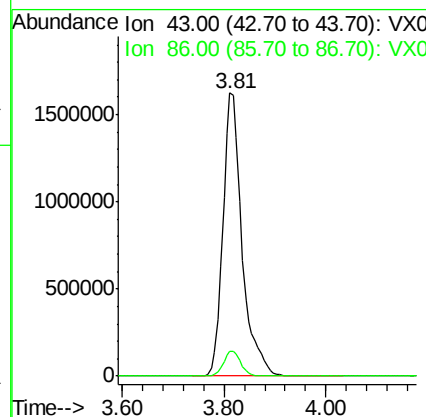
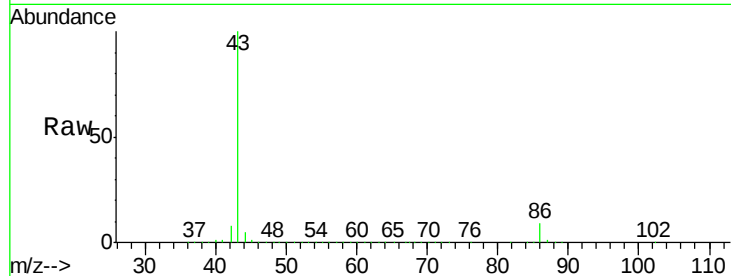




#23
 Vinyl Acetate
 Concen: 493.004 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

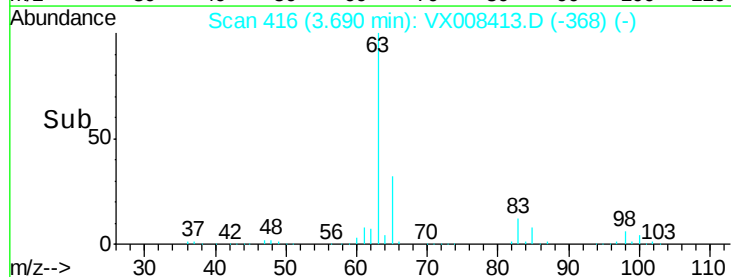
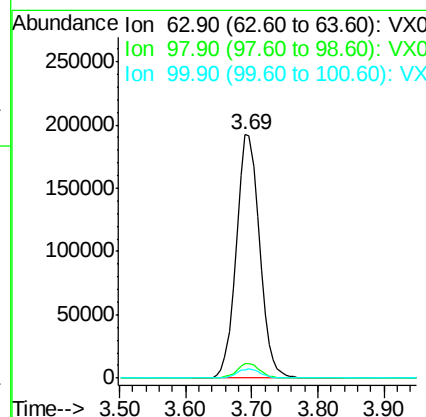
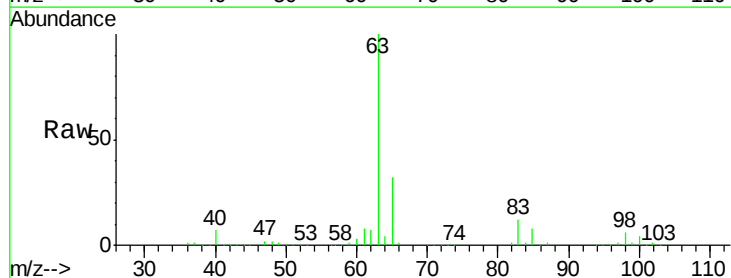
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

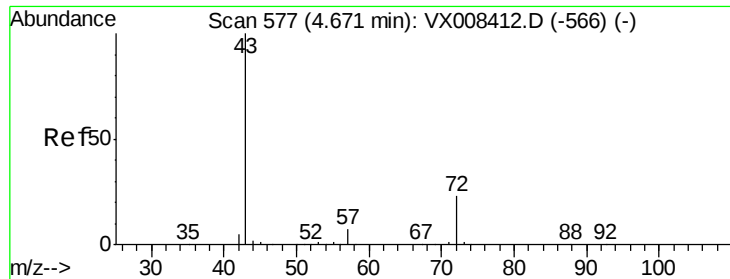
Tgt Ion: 43 Resp: 4229591
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 94.764 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion: 63 Resp: 469563
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.2 9.6
 100 3.5 2.0 5.8





#25

2-Butanone

Concen: 485.336 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

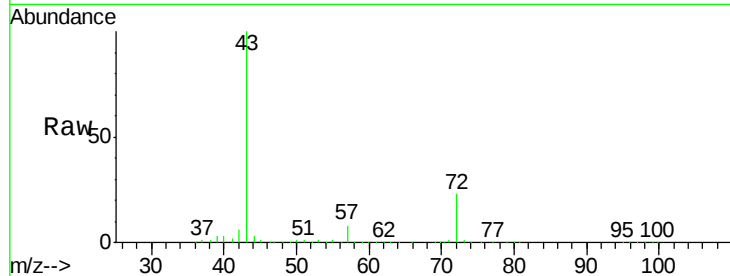
VSTDIC100

Tgt Ion: 43 Resp: 1205432

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

4.68

400000

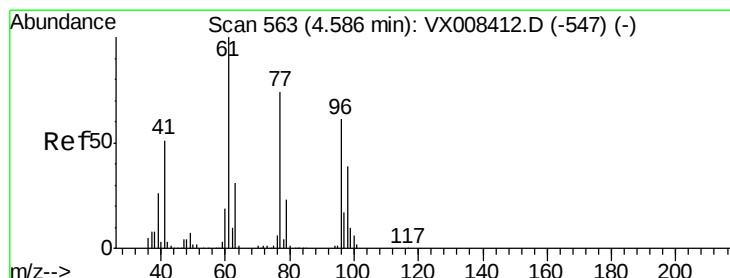
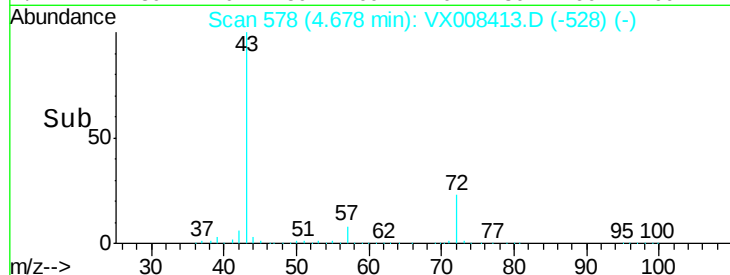
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 102.076 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008413.D

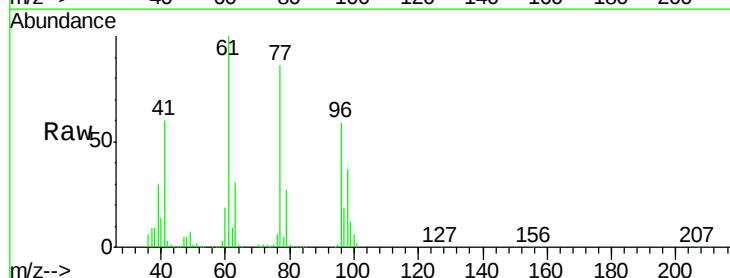
Acq: 25 Mar 2019 15:17

Tgt Ion: 77 Resp: 328113

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

120000

100000

80000

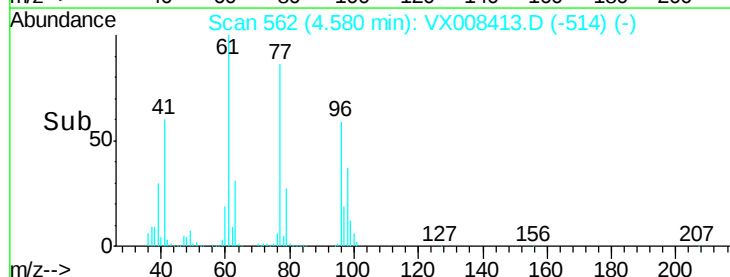
60000

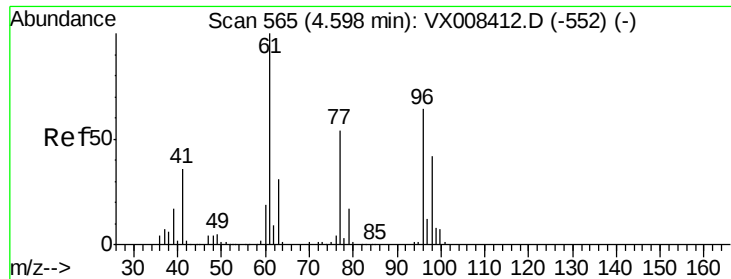
40000

20000

0

Time-->



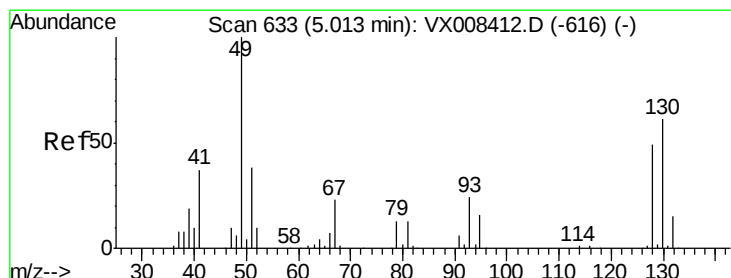
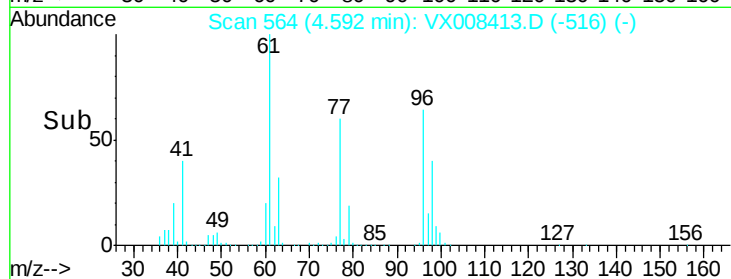
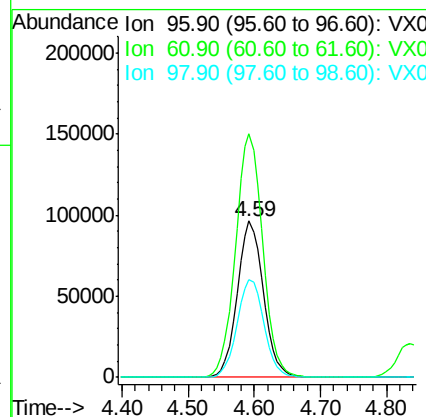
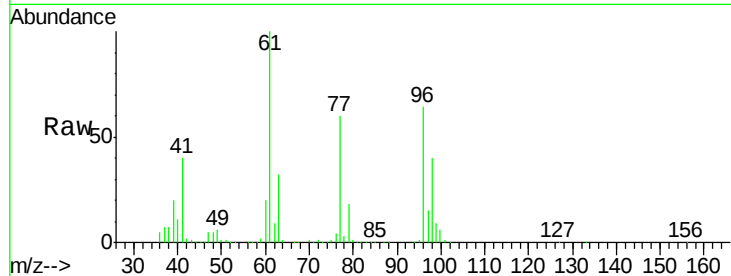


#27

cis-1,2-Dichloroethene
 Concen: 94.015 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

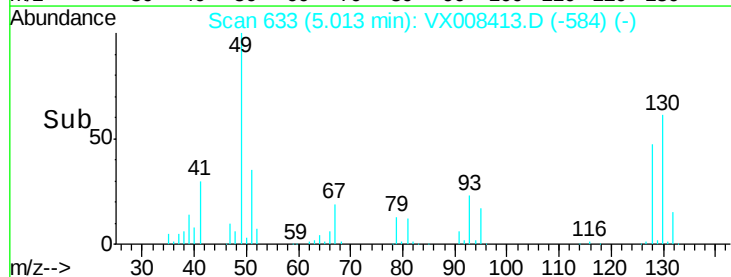
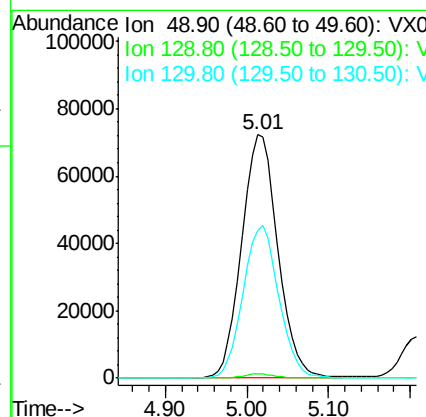
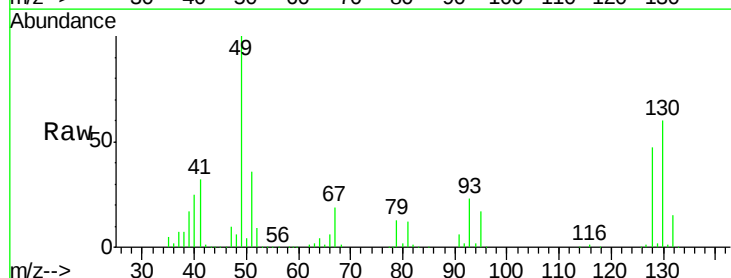
Tgt Ion: 96 Resp: 262999
 Ion Ratio Lower Upper
 96 100
 61 162.7 0.0 325.6
 98 64.6 0.0 130.0

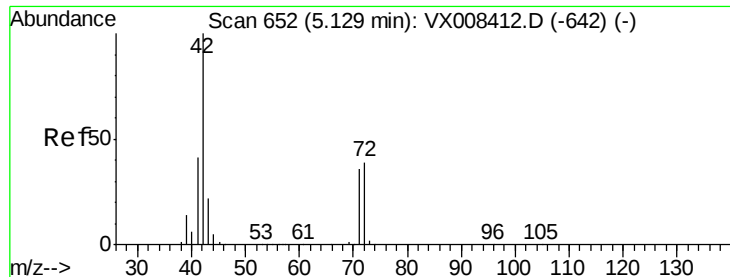


#28

Bromochloromethane
 Concen: 91.521 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion: 49 Resp: 223120
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 61.9 49.8 74.6

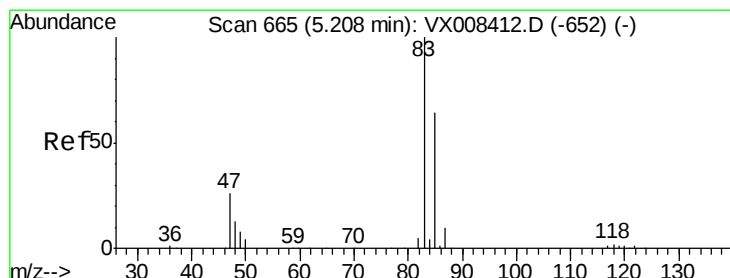
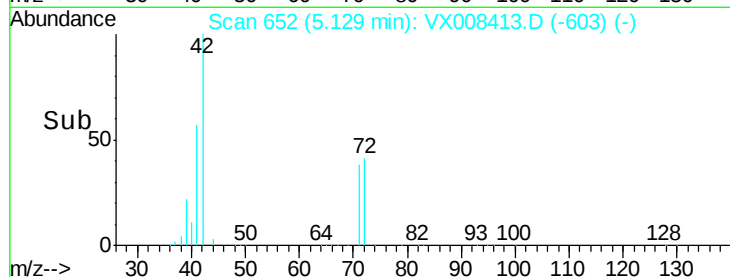
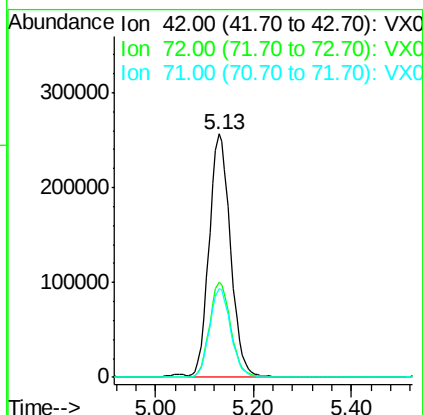
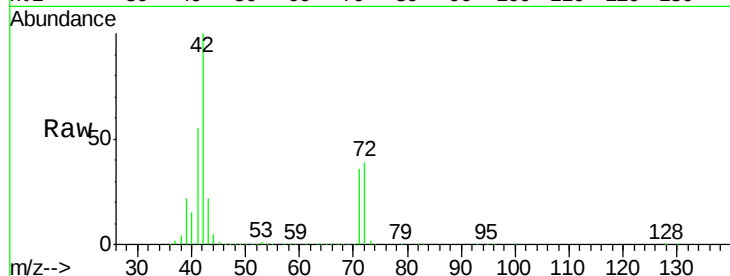




#29
Tetrahydrofuran
Concen: 472.594 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

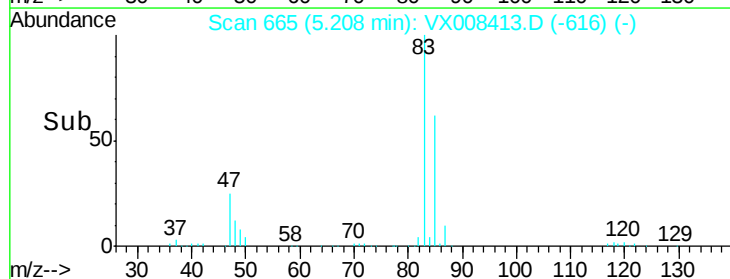
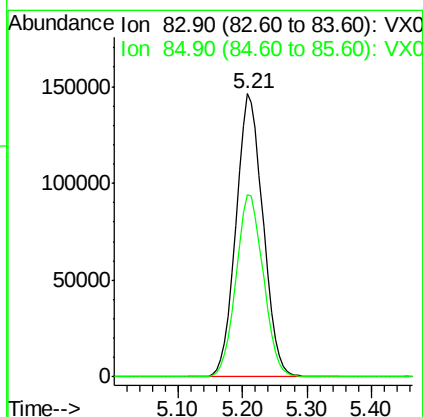
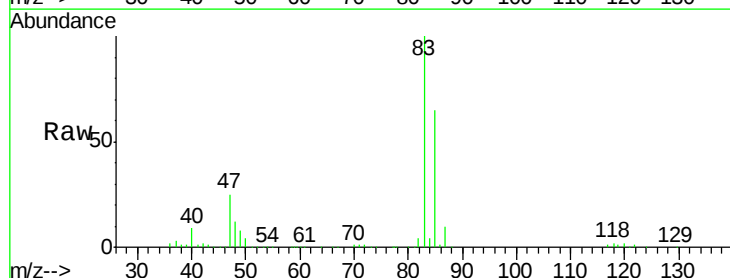
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

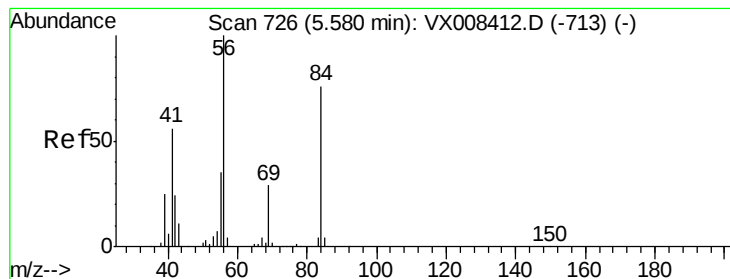
Tgt Ion: 42 Resp: 775616
Ion Ratio Lower Upper
42 100
72 39.2 31.4 47.2
71 36.5 29.4 44.2



#30
Chloroform
Concen: 95.117 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion: 83 Resp: 425214
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2





#31

Cyclohexane

Concen: 93.845 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

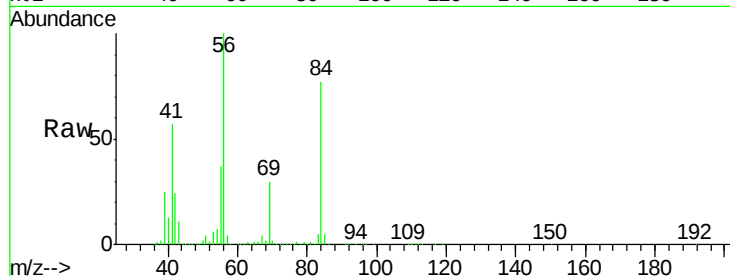
Tgt Ion: 56 Resp: 445094

Ion Ratio Lower Upper

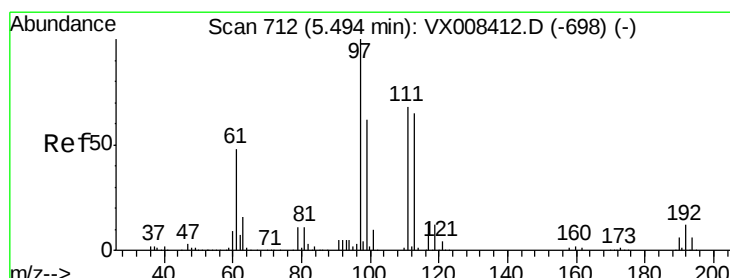
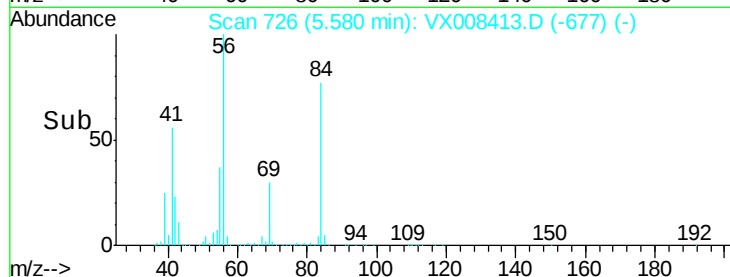
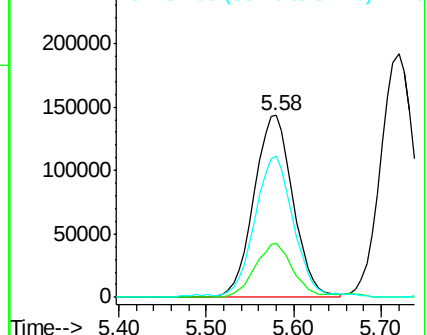
56 100

69 29.6 23.2 34.8

84 76.5 60.7 91.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 99.297 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

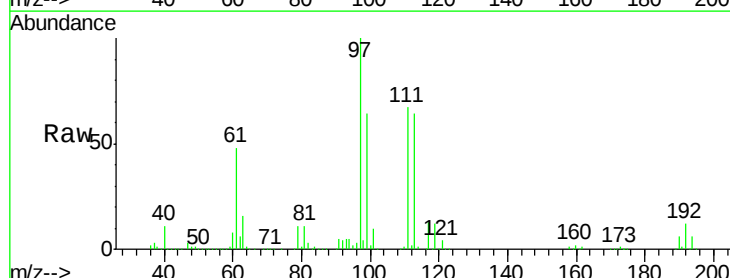
Tgt Ion: 97 Resp: 351955

Ion Ratio Lower Upper

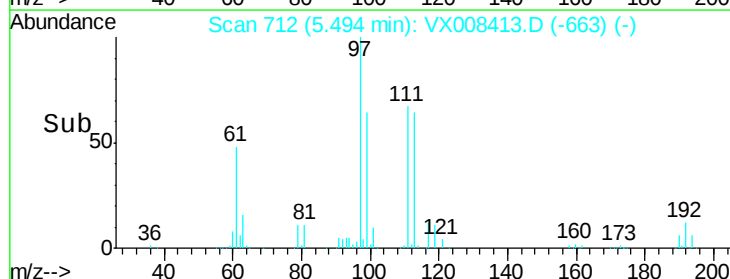
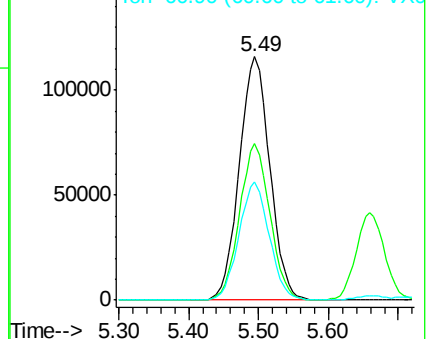
97 100

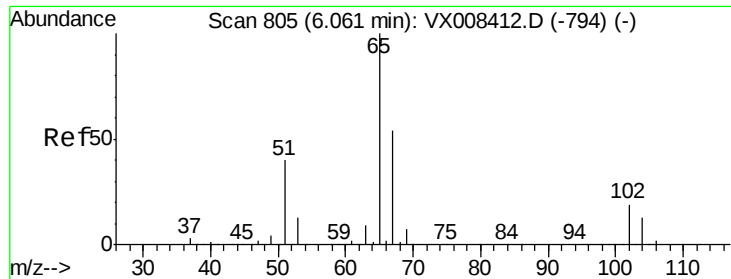
99 63.8 51.5 77.3

61 48.2 38.8 58.2



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

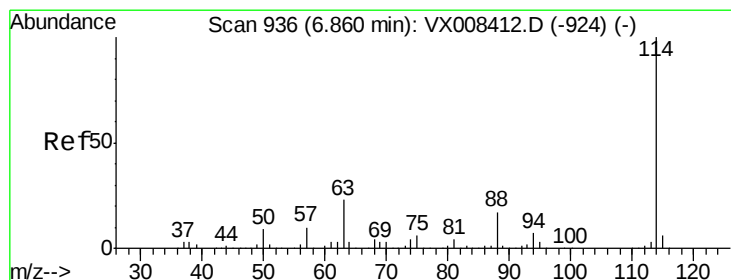
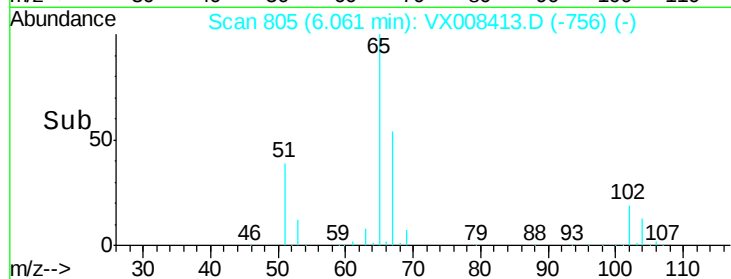
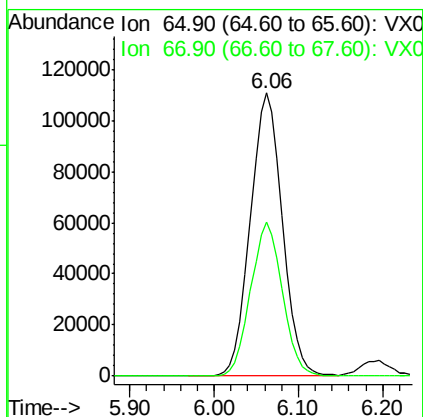
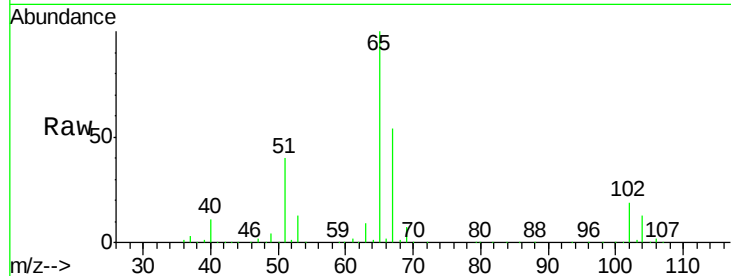




#33
 1,2-Dichloroethane-d4
 Concen: 95.293 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

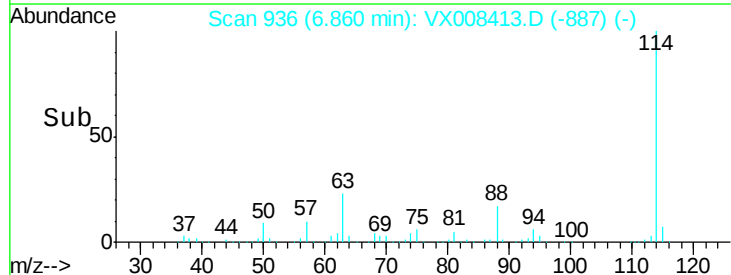
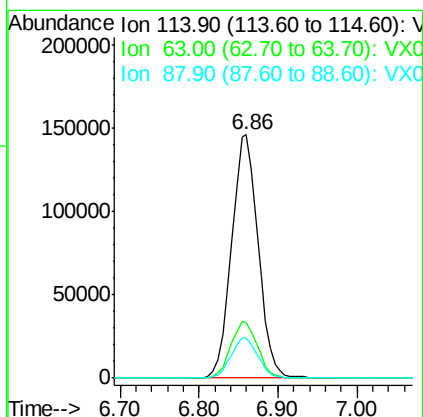
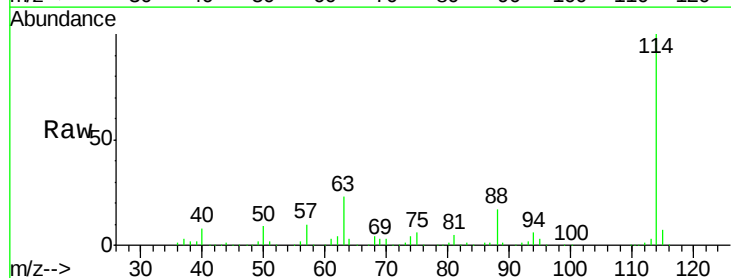
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

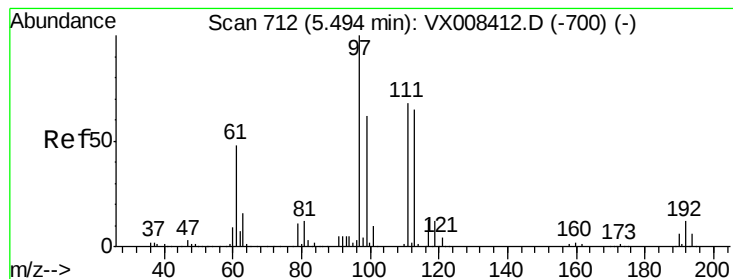
Tgt Ion: 65 Resp: 286875
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion: 114 Resp: 341198
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.4
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 97.325 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

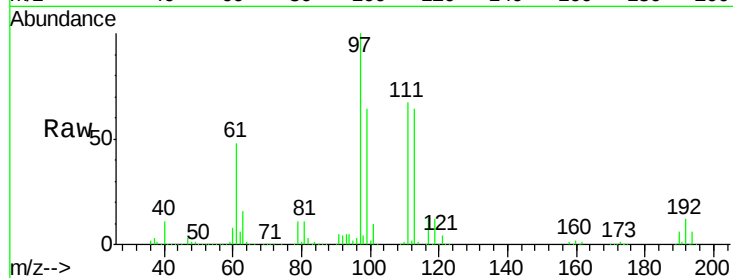
Tgt Ion:113 Resp: 214742

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

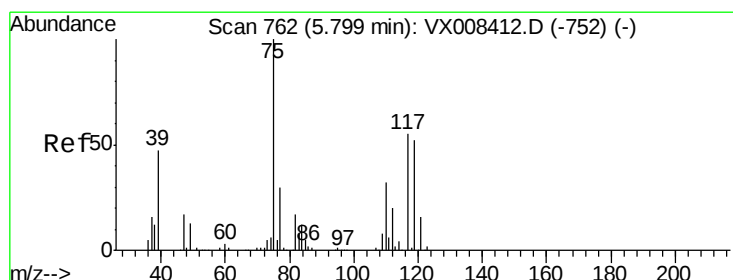
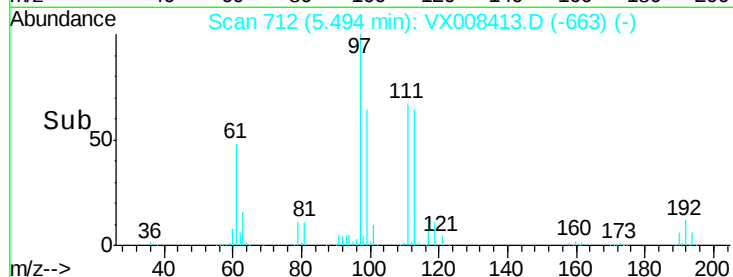
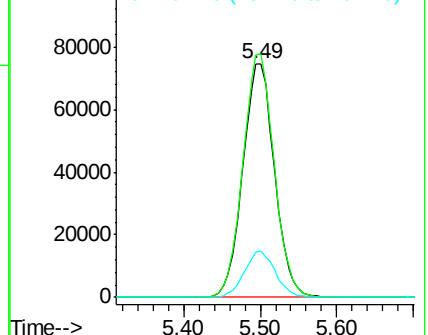
192 19.4 15.6 23.4



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: 97.098 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

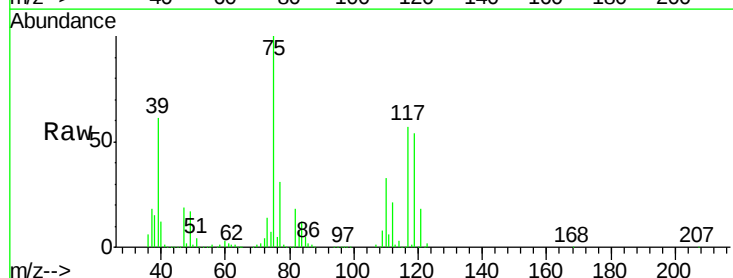
Tgt Ion: 75 Resp: 338001

Ion Ratio Lower Upper

75 100

110 32.9 16.6 49.7

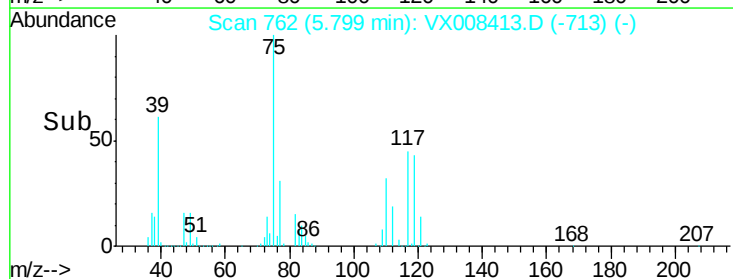
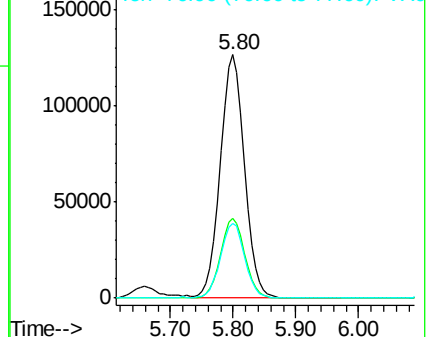
77 30.7 24.2 36.2

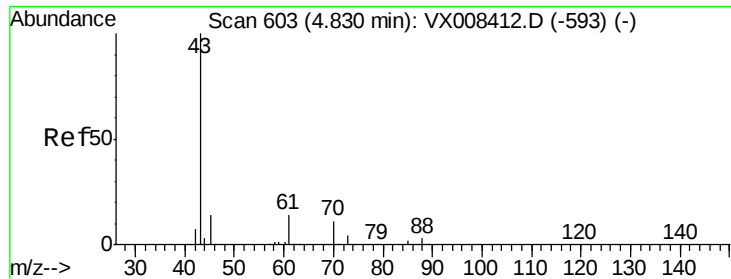


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 95.790 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

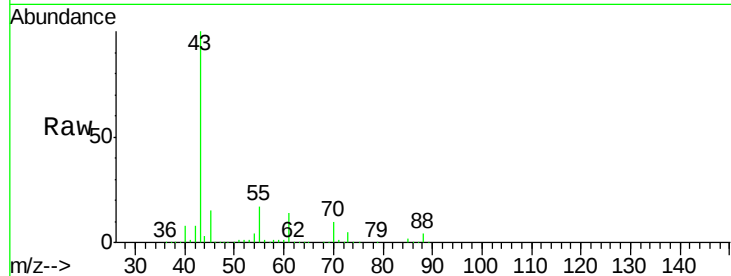
Tgt Ion: 43 Resp: 449400

Ion Ratio Lower Upper

43 100

61 13.4 10.5 15.7

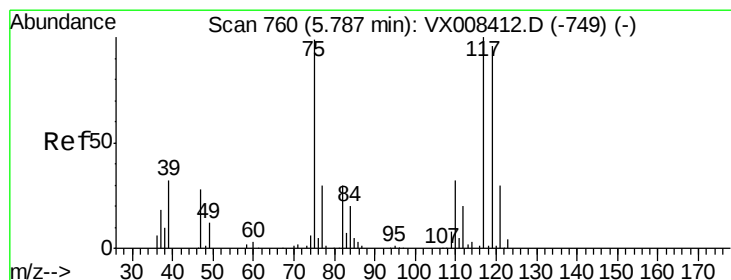
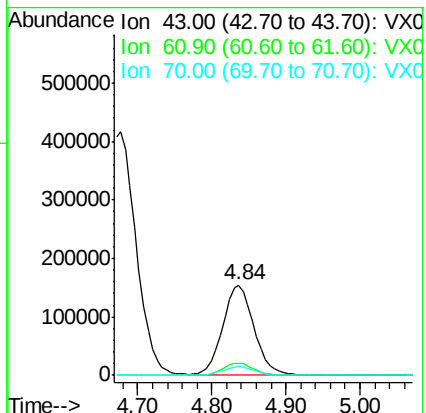
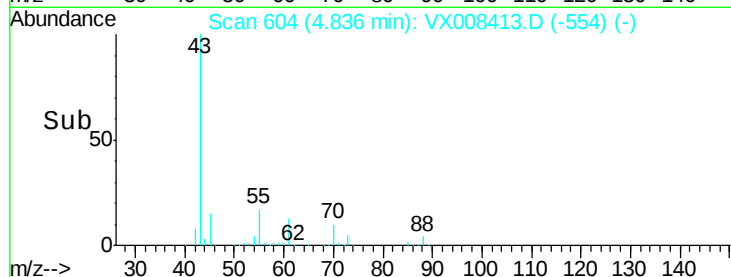
70 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX008413.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX008413.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX008413.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 98.125 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

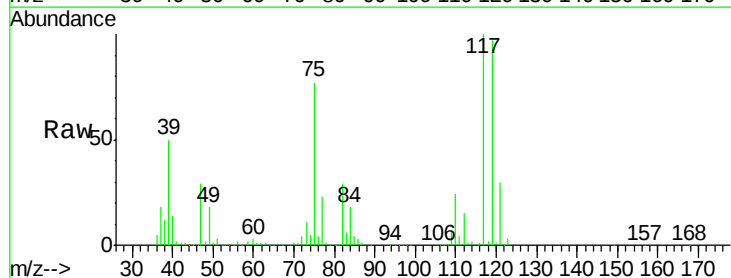
Tgt Ion: 117 Resp: 293538

Ion Ratio Lower Upper

117 100

119 96.8 76.7 115.1

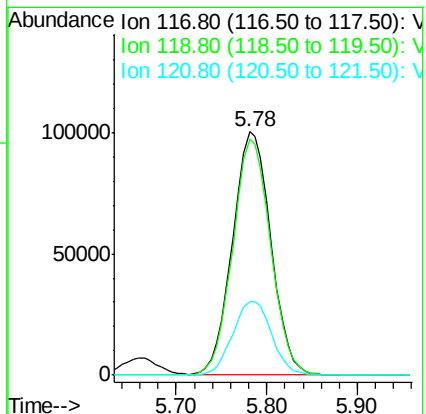
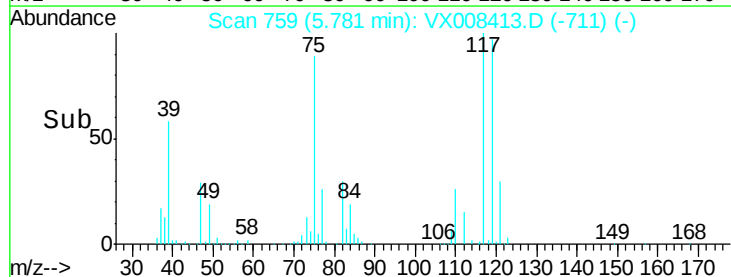
121 29.9 24.3 36.5

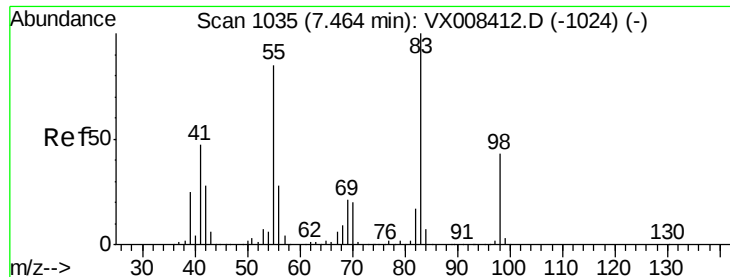


Abundance Ion 116.80 (116.50 to 117.50): VX008413.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX008413.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX008413.D (-711) (-)

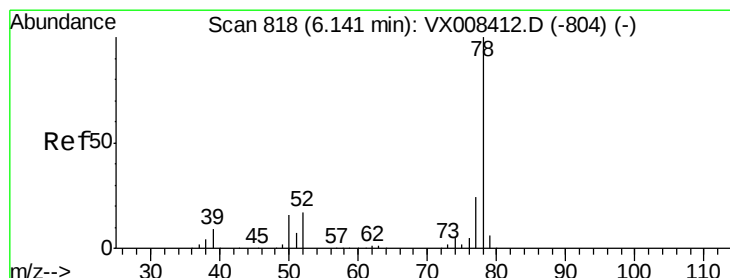
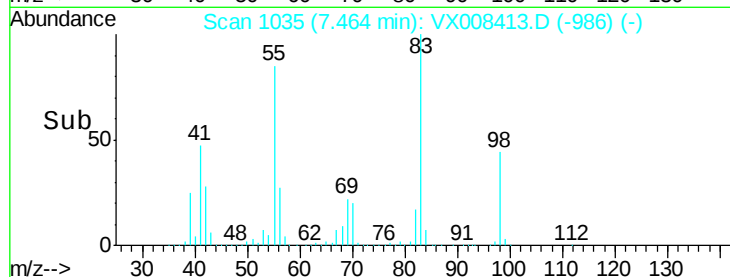
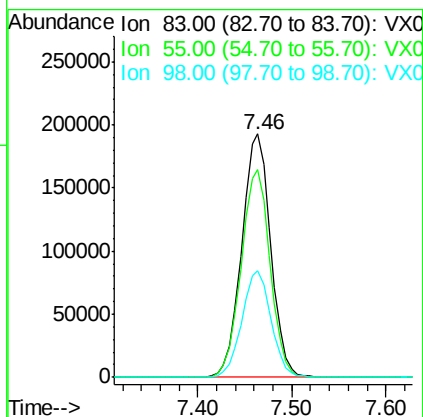
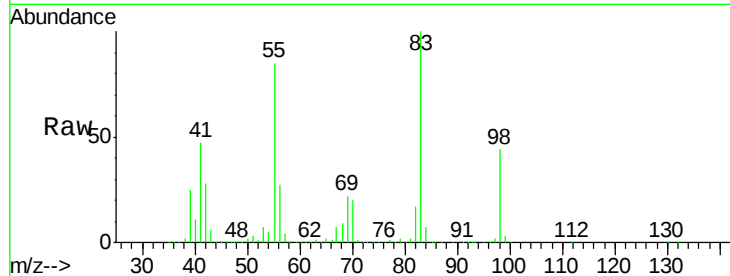




#39
Methylcyclohexane
Concen: 97.176 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

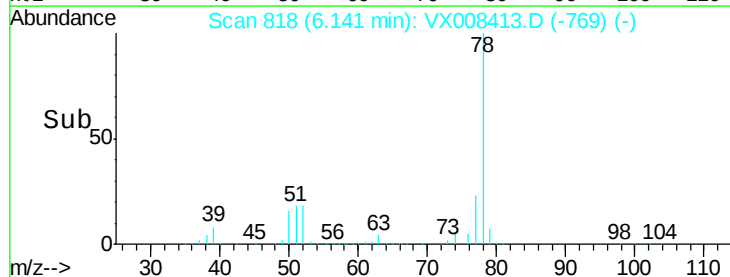
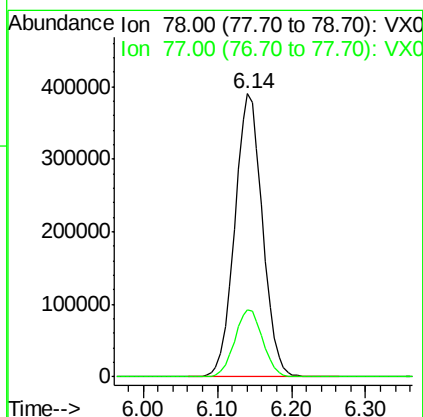
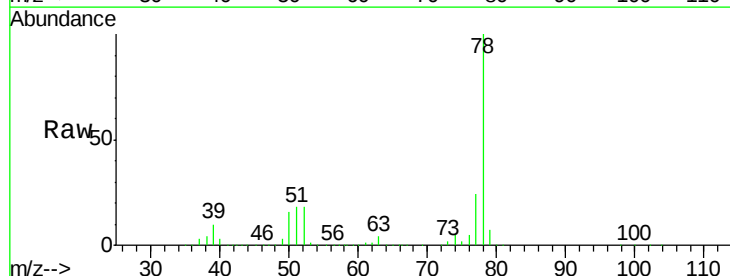
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

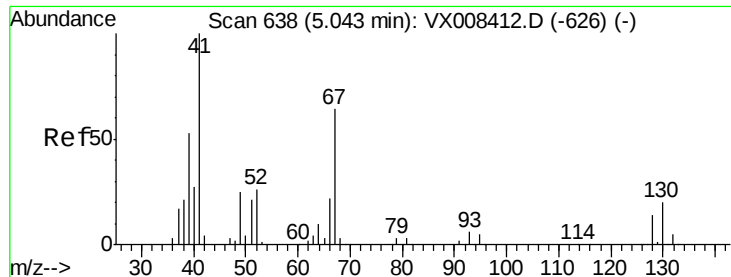
Tgt Ion: 83 Resp: 414954
Ion Ratio Lower Upper
83 100
55 85.1 68.2 102.4
98 43.8 34.2 51.4



#40
Benzene
Concen: 95.785 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion: 78 Resp: 1016681
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 99.730 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 41 Resp: 255584

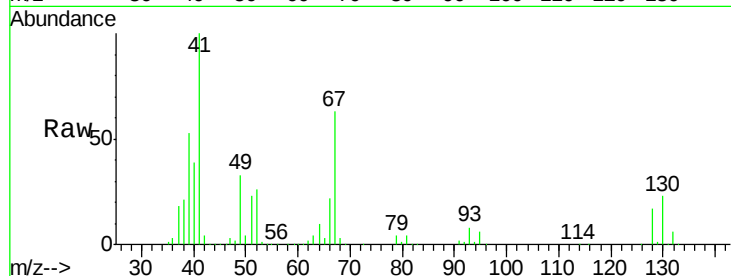
Ion Ratio Lower Upper

41 100

39 53.2 42.6 64.0

67 64.7 52.2 78.4

52 26.9 21.4 32.0

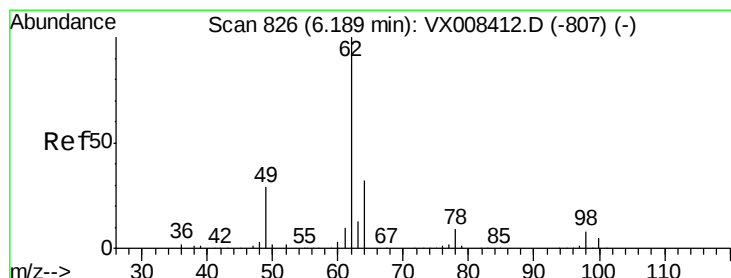
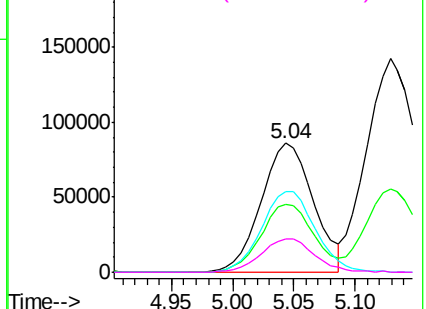
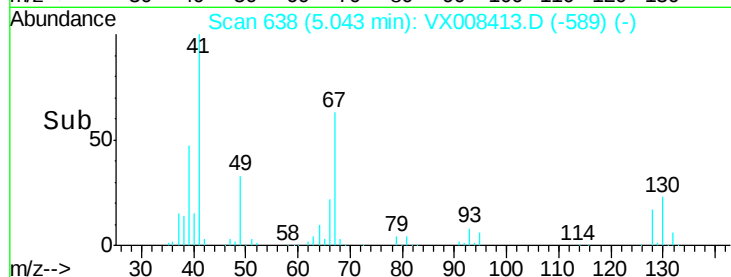


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 94.123 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008413.D

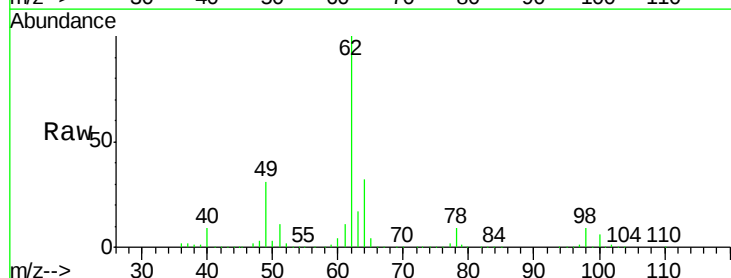
Acq: 25 Mar 2019 15:17

Tgt Ion: 62 Resp: 362618

Ion Ratio Lower Upper

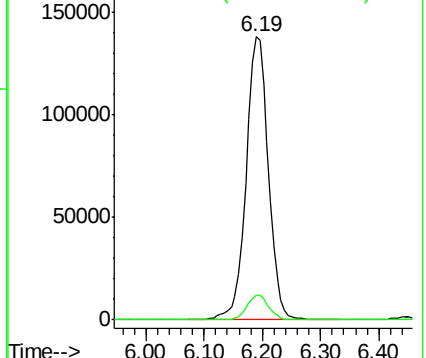
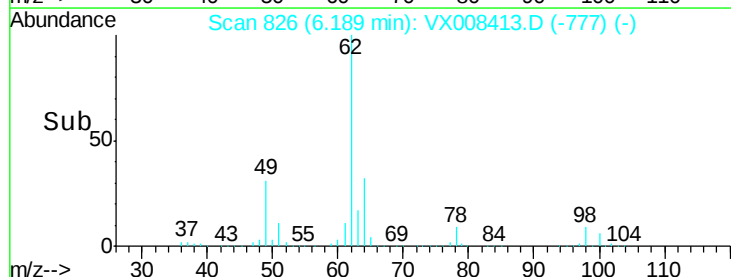
62 100

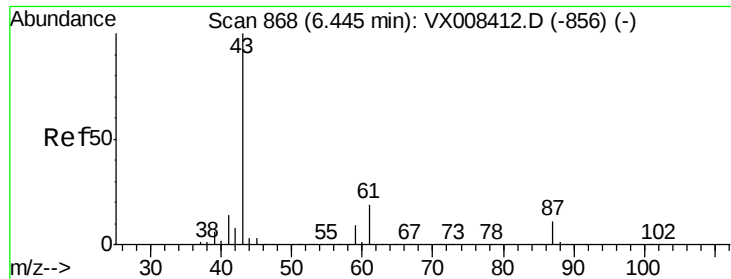
98 8.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 101.418 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

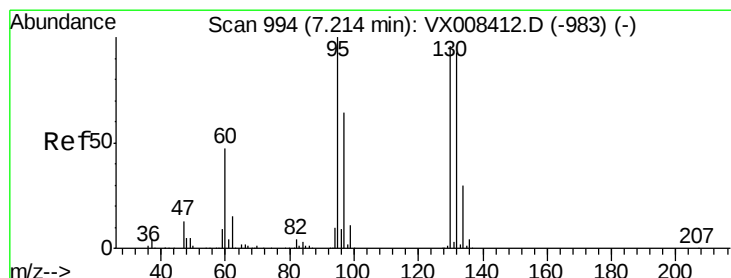
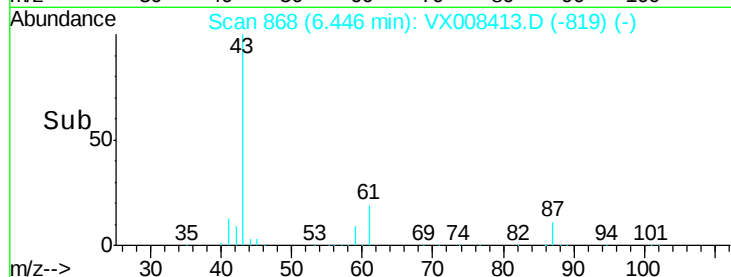
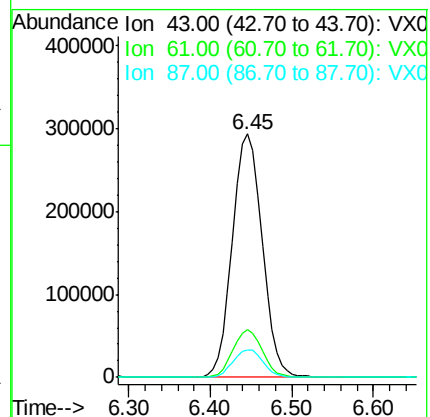
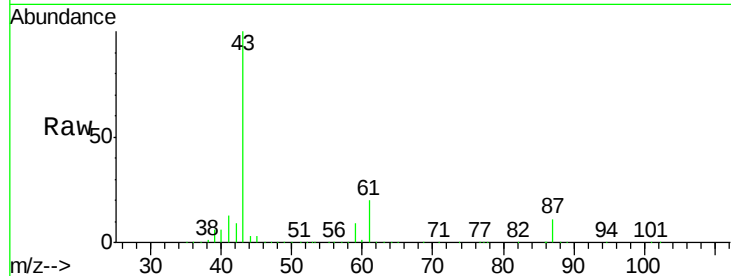
Tgt Ion: 43 Resp: 742930

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.2

87 11.4 9.1 13.7



#44

Trichloroethene

Concen: 95.456 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008413.D

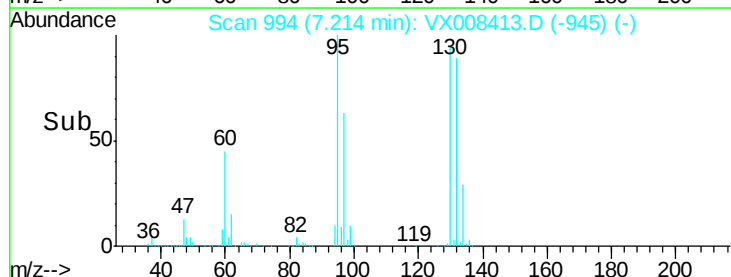
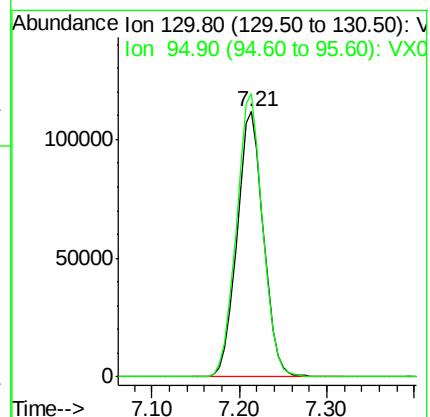
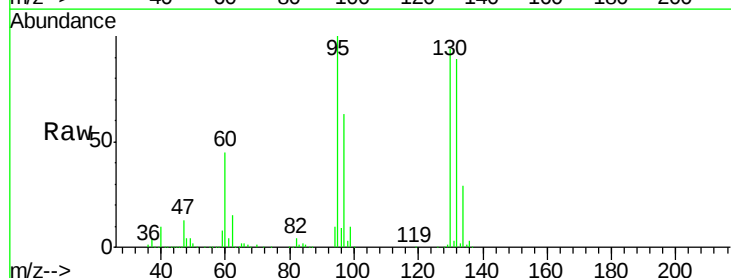
Acq: 25 Mar 2019 15:17

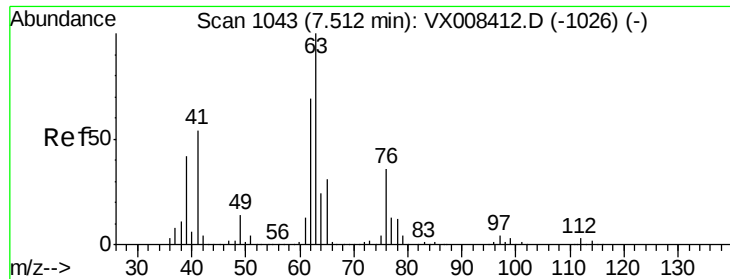
Tgt Ion:130 Resp: 235479

Ion Ratio Lower Upper

130 100

95 106.9 0.0 208.8

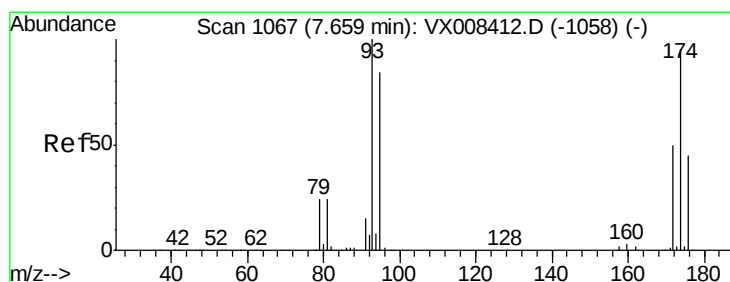
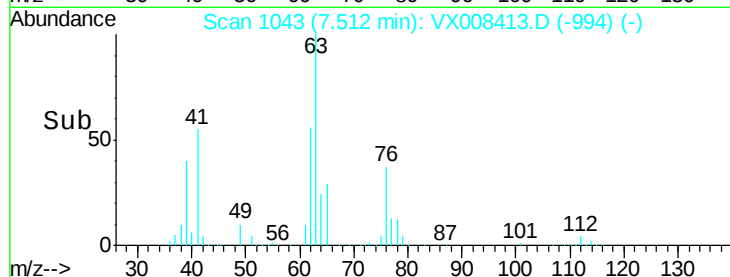
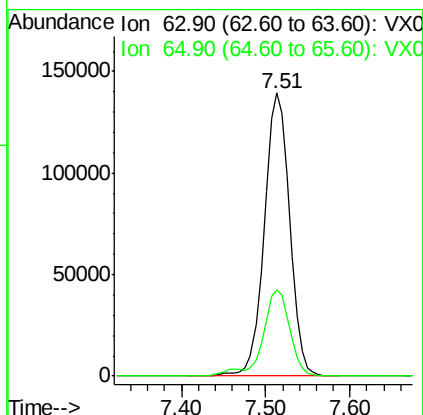
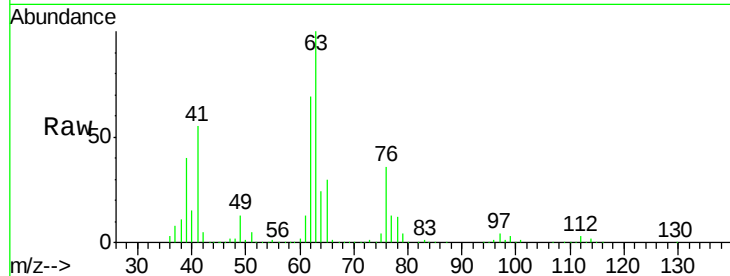




#45
 1,2-Dichloropropane
 Concen: 96.504 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

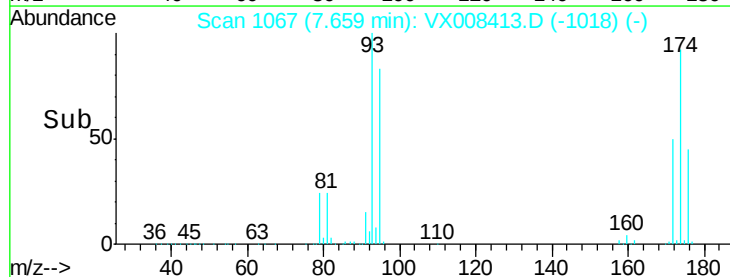
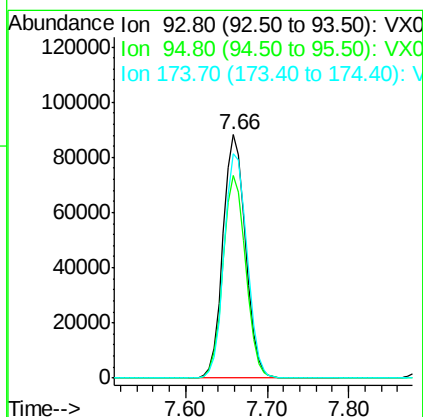
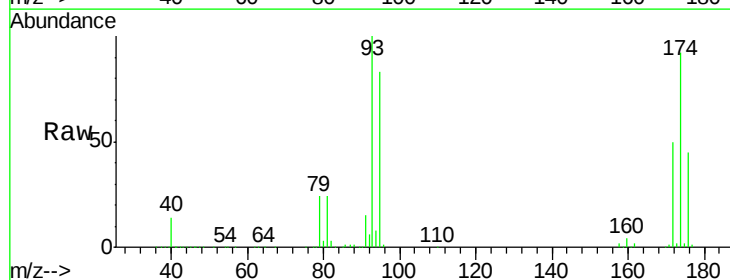
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

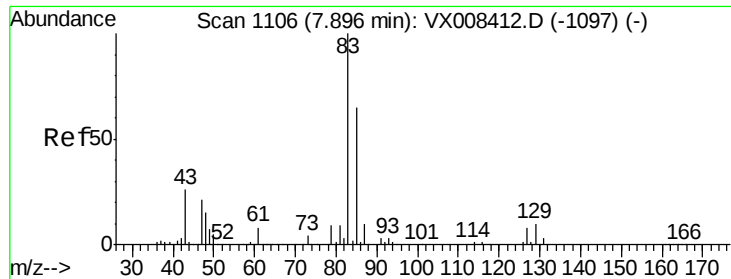
Tgt Ion: 63 Resp: 290003
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.1 37.7



#46
 Dibromomethane
 Concen: 94.776 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion: 93 Resp: 168681
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 94.0 76.0 114.0





#47

Bromodichloromethane

Concen: 100.484 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

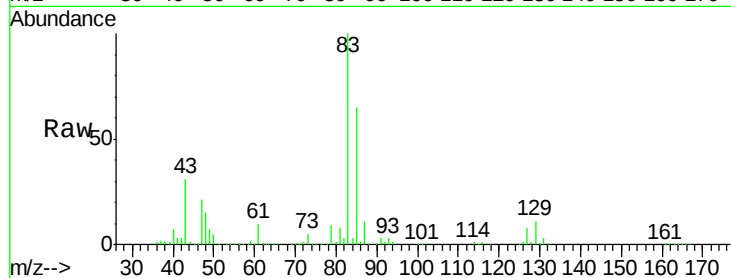
Tgt Ion: 83 Resp: 341717

Ion Ratio Lower Upper

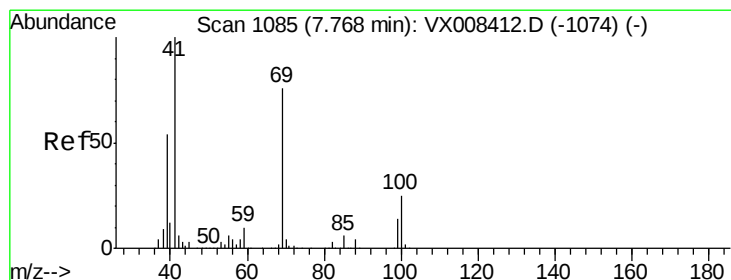
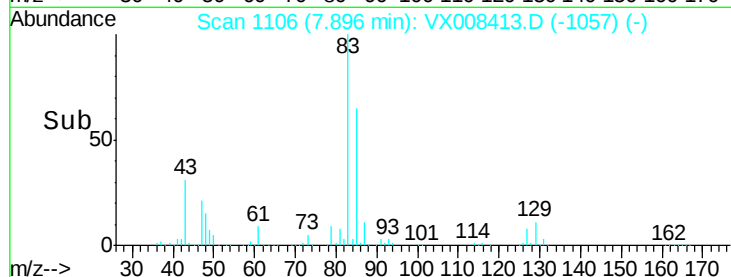
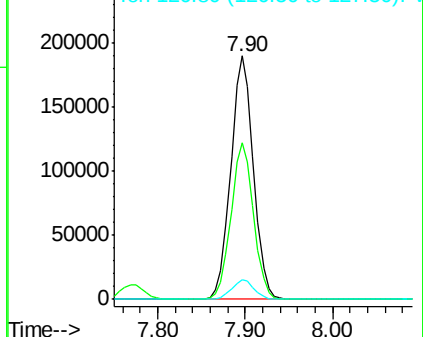
83 100

85 64.5 52.0 78.0

127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 101.551 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

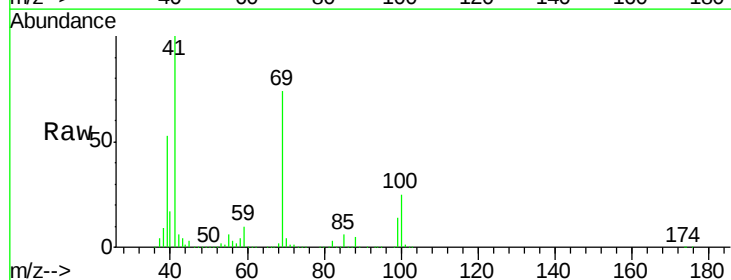
Tgt Ion: 41 Resp: 376634

Ion Ratio Lower Upper

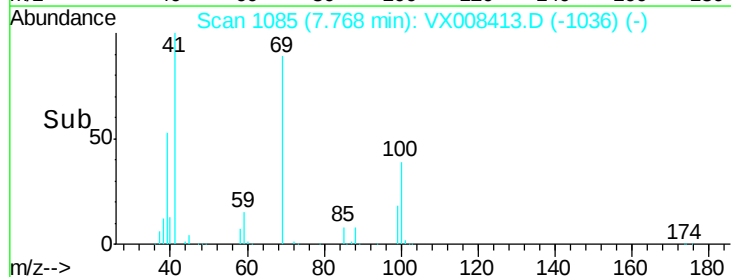
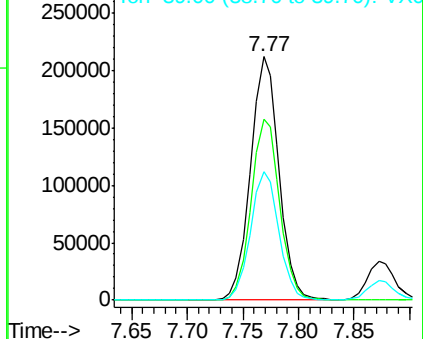
41 100

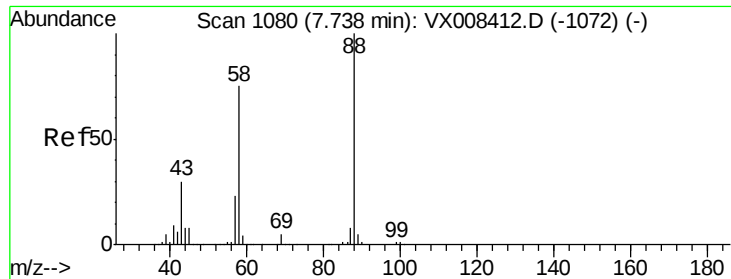
69 75.0 60.8 91.2

39 52.8 42.3 63.5



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

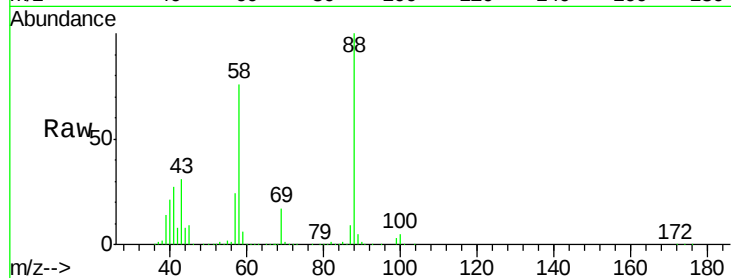




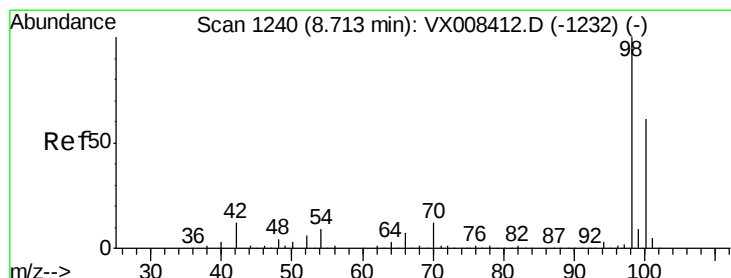
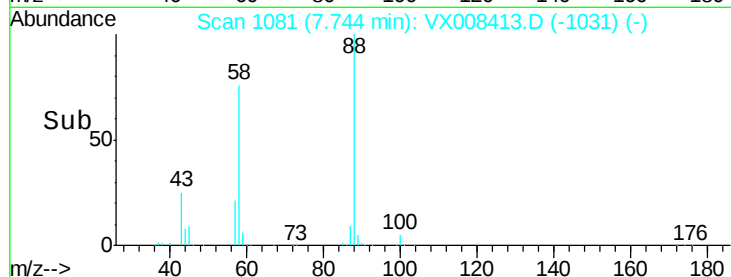
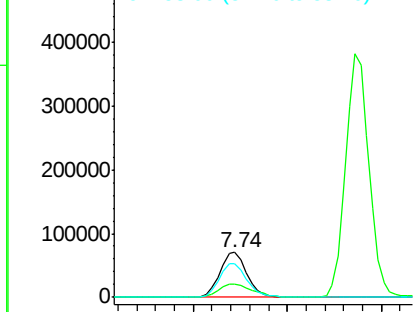
#49
1,4-Dioxane
Concen: 1864.394 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 139589
Ion Ratio Lower Upper
88 100
43 36.8 28.6 43.0
58 78.3 63.0 94.4

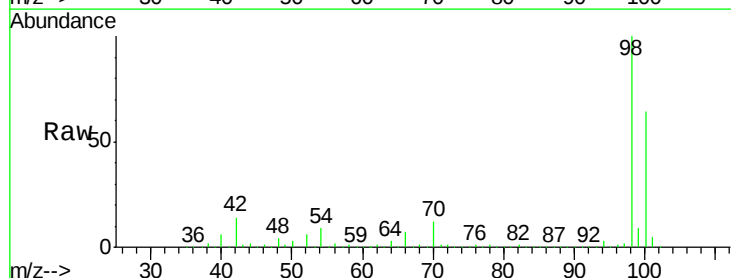


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

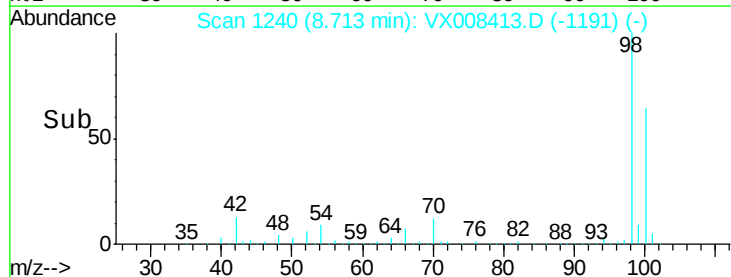
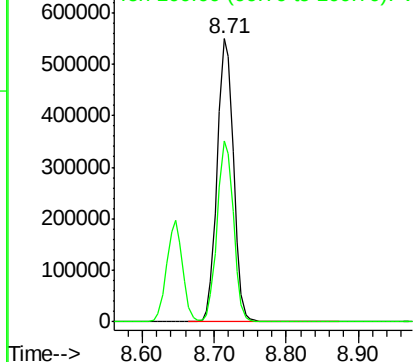


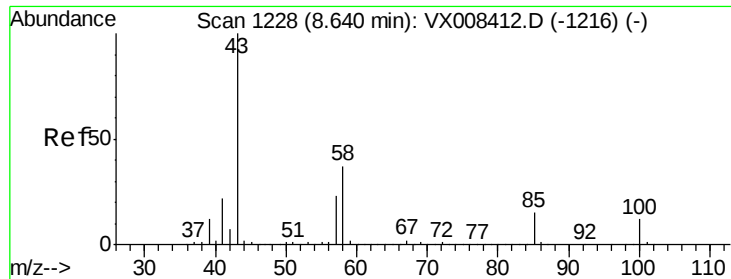
#50
Toluene-d8
Concen: 98.081 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion: 98 Resp: 860333
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7



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

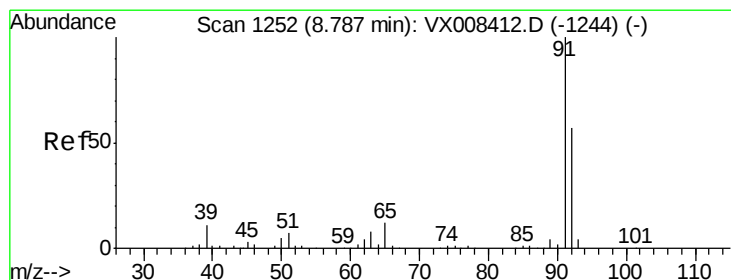
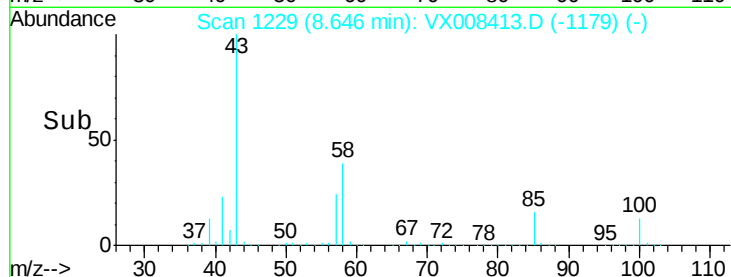
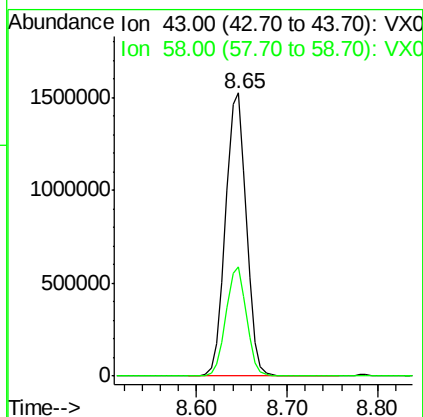
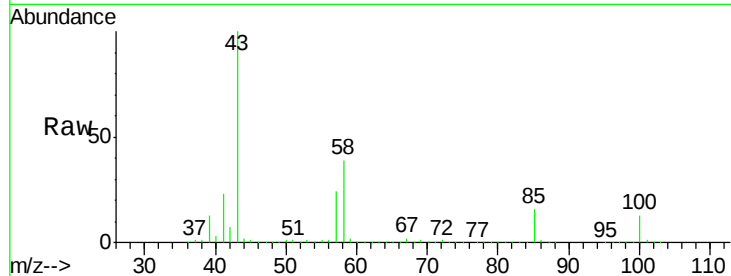




#51
4-Methyl-2-Pentanone
Concen: 503.492 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

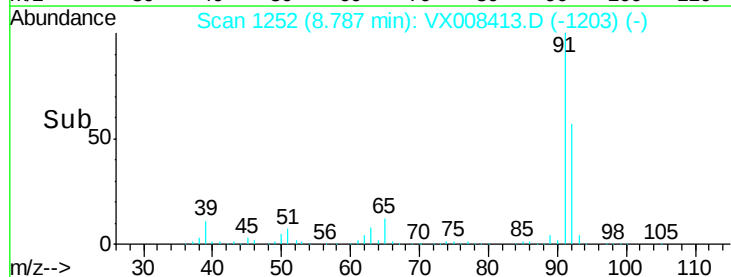
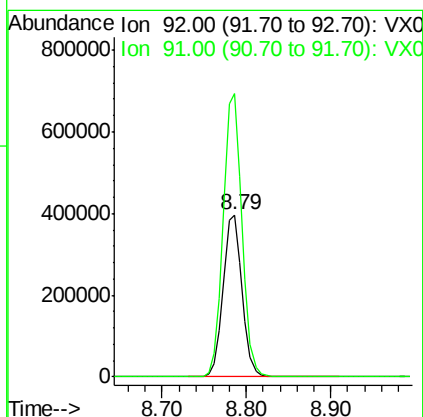
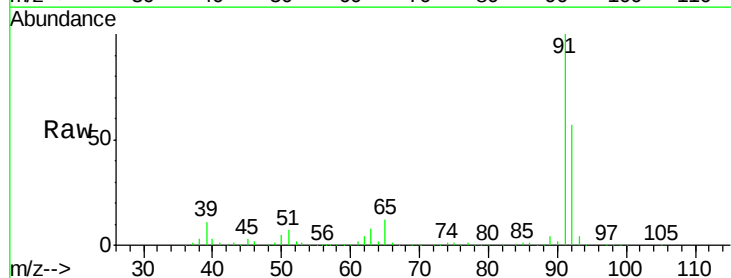
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

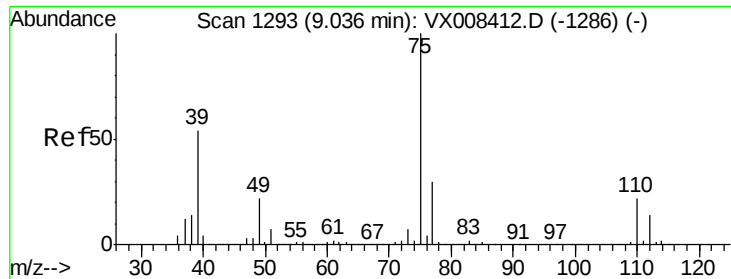
Tgt Ion: 43 Resp: 2429822
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.8



#52
Toluene
Concen: 98.459 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion: 92 Resp: 614282
Ion Ratio Lower Upper
92 100
91 174.3 140.2 210.4

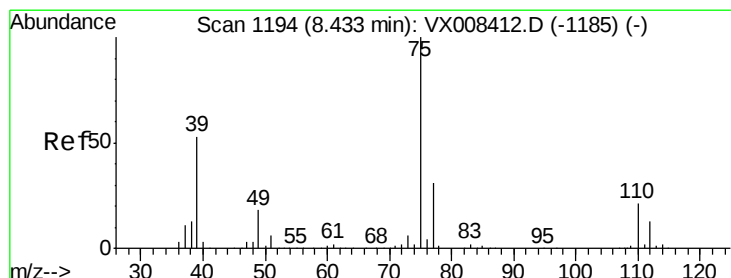
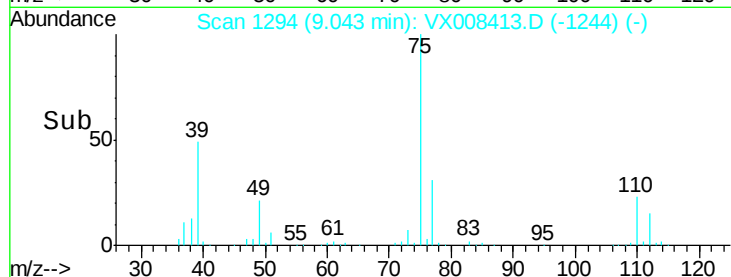
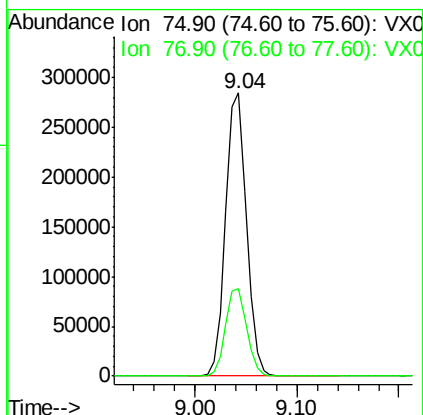
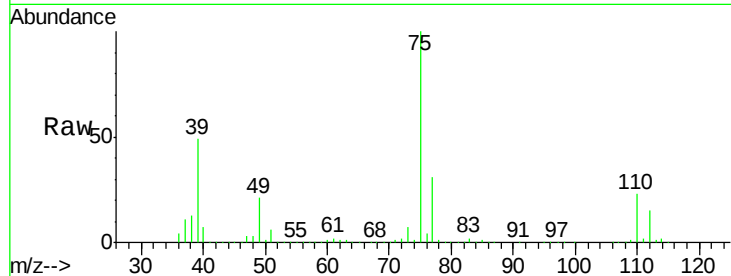




#53
 t-1,3-Dichloropropene
 Concen: 110.097 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

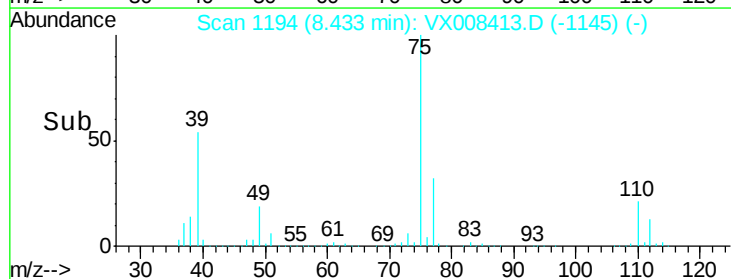
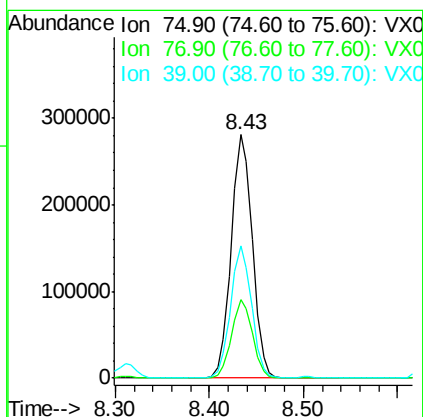
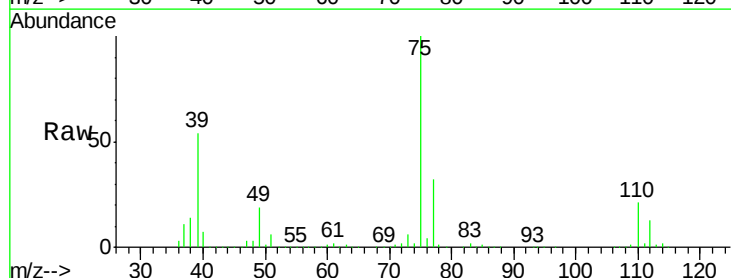
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

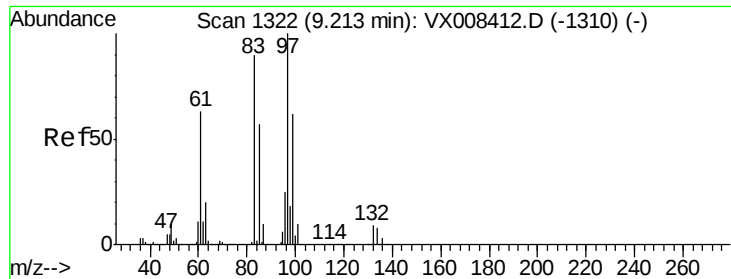
Tgt Ion: 75 Resp: 403379
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 105.767 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion: 75 Resp: 437827
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.7 37.1
 39 54.0 42.4 63.6

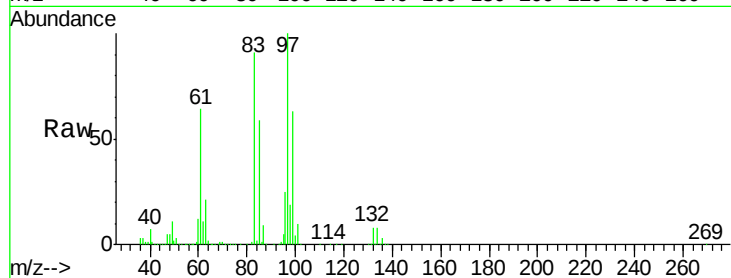




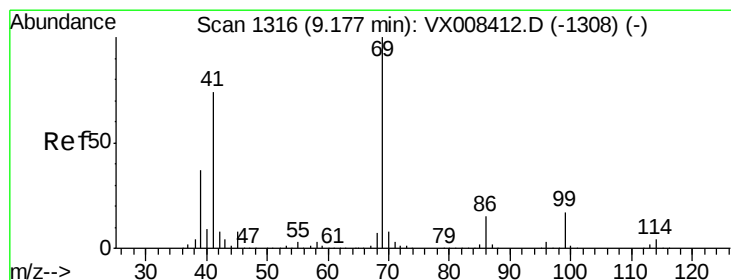
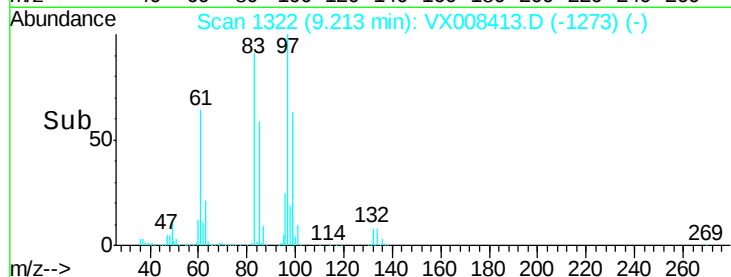
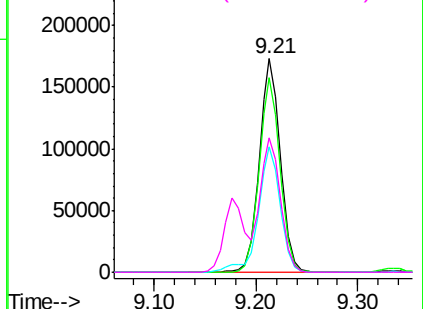
#55
 1,1,2-Trichloroethane
 Concen: 96.574 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 250244
 Ion Ratio Lower Upper
 97 100
 83 91.3 71.8 107.6
 85 58.9 45.9 68.9
 99 63.2 49.4 74.0

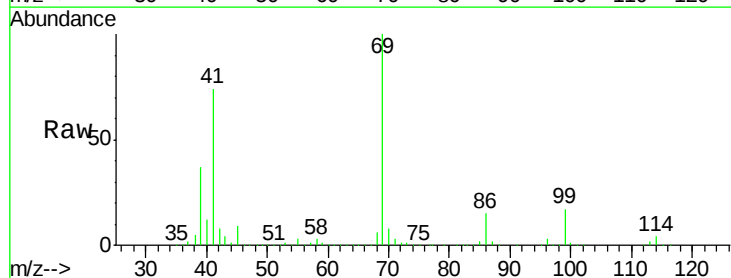


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

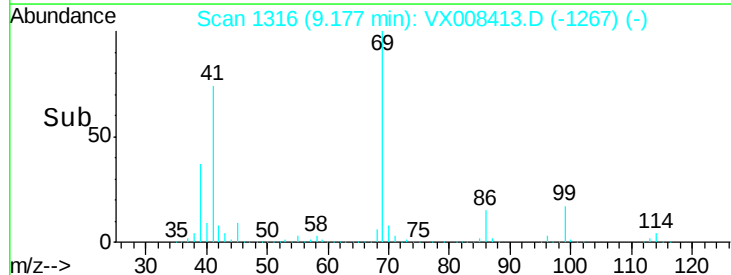
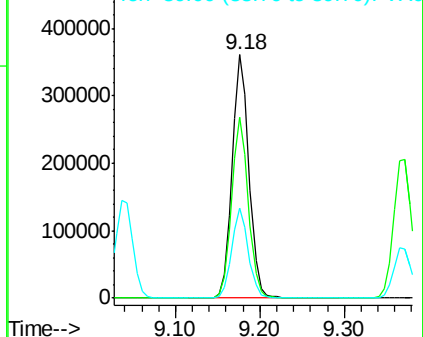


#56
 Ethyl methacrylate
 Concen: 106.461 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion: 69 Resp: 489069
 Ion Ratio Lower Upper
 69 100
 41 74.0 59.5 89.3
 39 36.5 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: 97.020 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

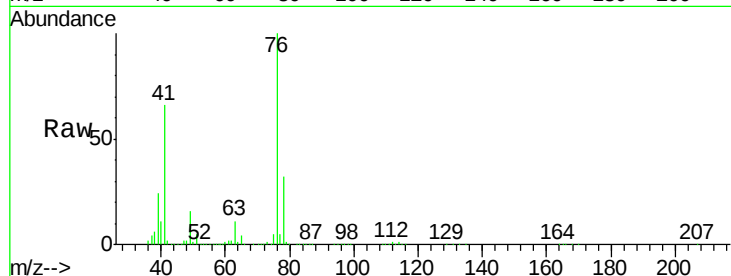
VSTDIC100

Tgt Ion: 76 Resp: 447016

Ion Ratio Lower Upper

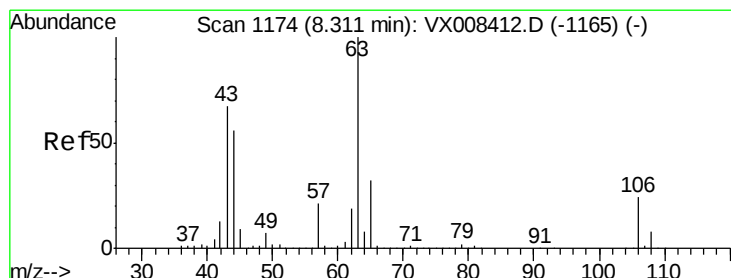
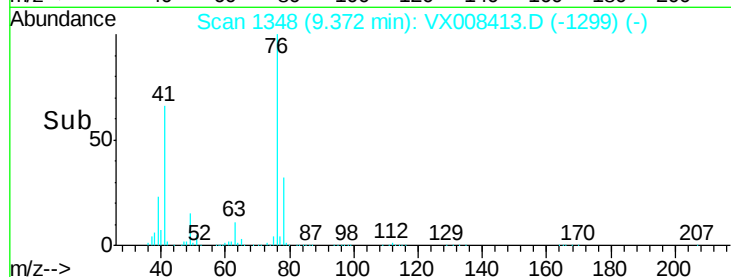
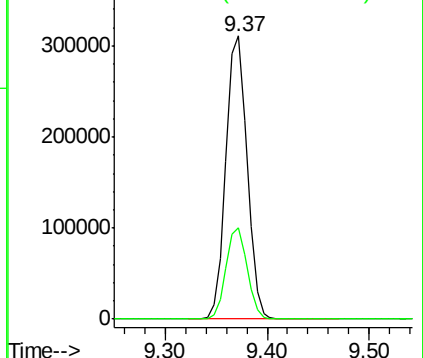
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 494.818 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008413.D

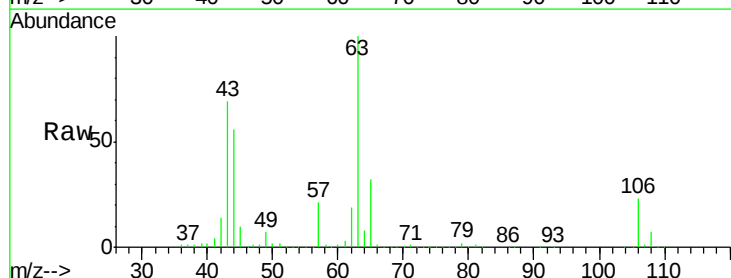
Acq: 25 Mar 2019 15:17

Tgt Ion: 63 Resp: 1214408

Ion Ratio Lower Upper

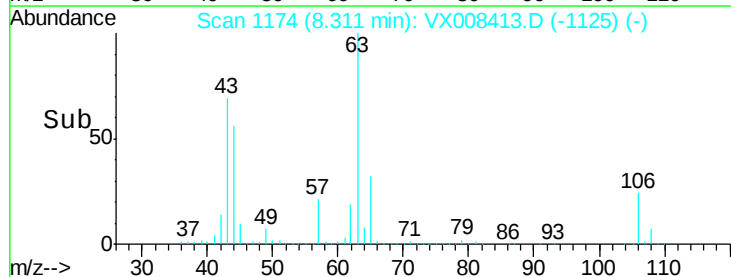
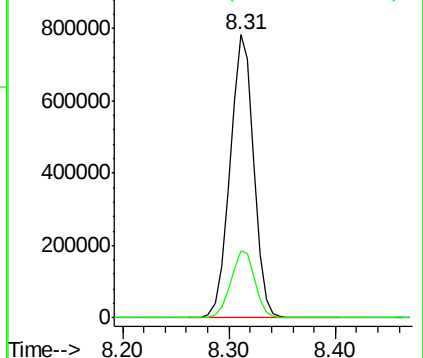
63 100

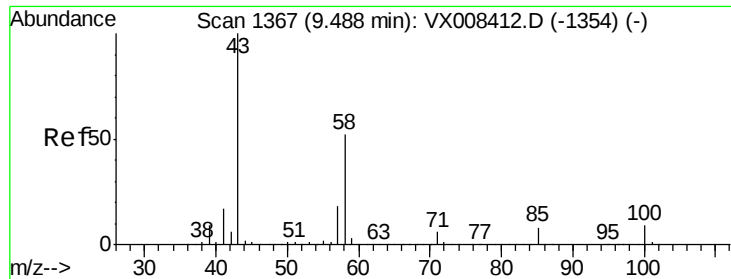
106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

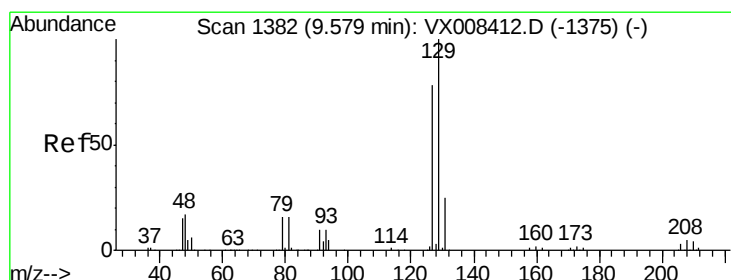
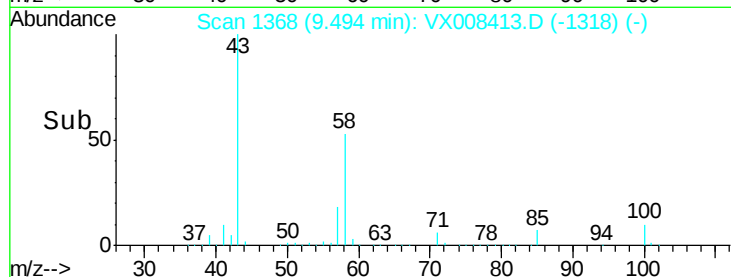
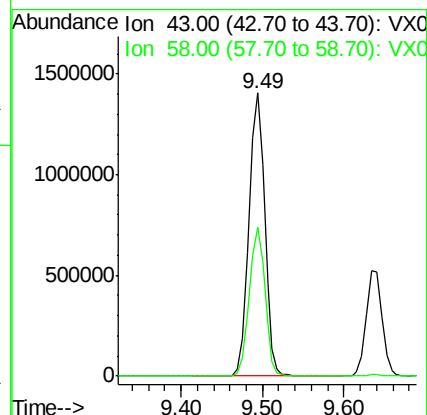
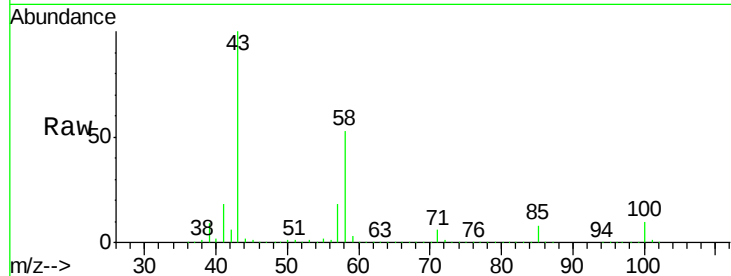




#59
2-Hexanone
Concen: 505.150 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

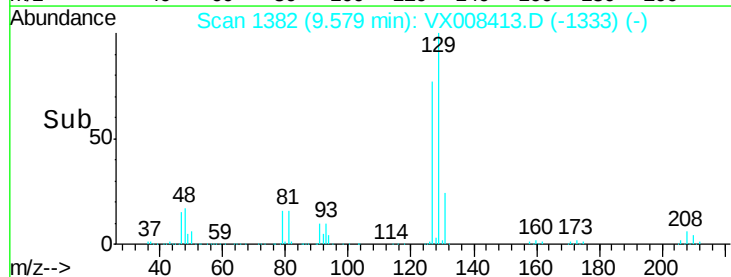
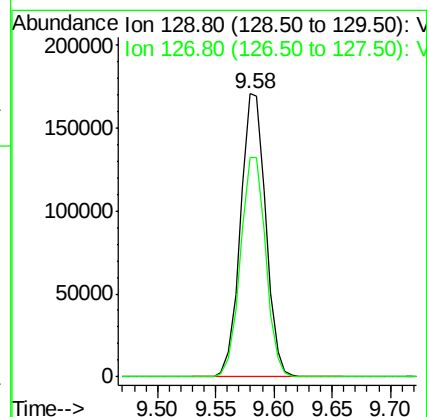
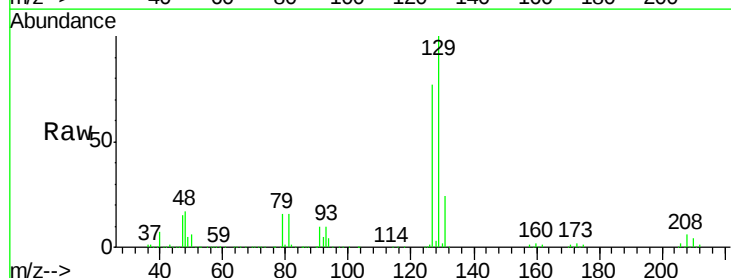
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

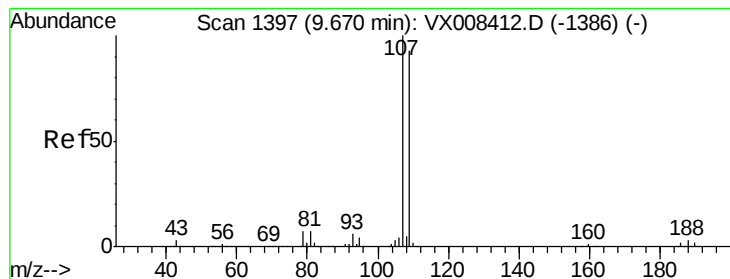
Tgt Ion: 43 Resp: 1880904
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9



#60
Dibromochloromethane
Concen: 106.945 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion: 129 Resp: 257508
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.3





#61

1,2-Dibromoethane

Concen: 99.694 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

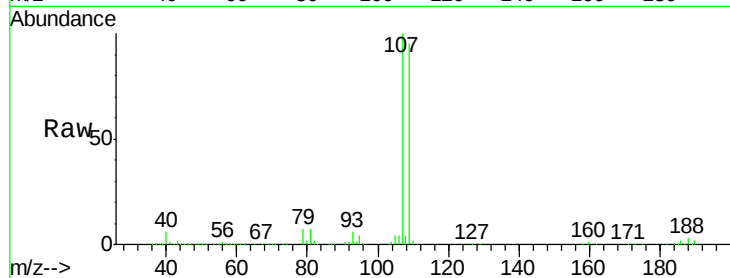
VSTDIC100

Tgt Ion: 107 Resp: 261874

Ion Ratio Lower Upper

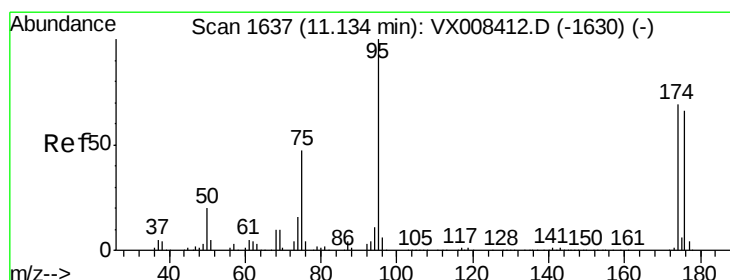
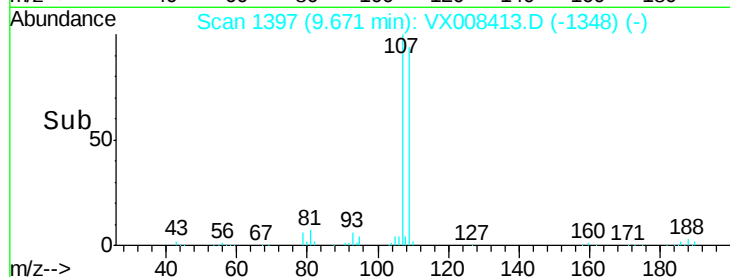
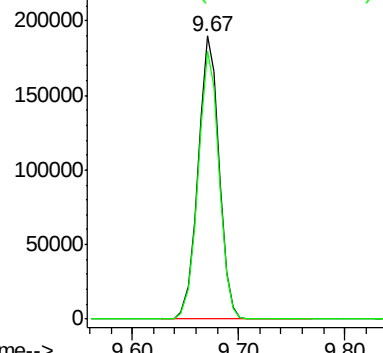
107 100

109 94.5 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 102.055 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

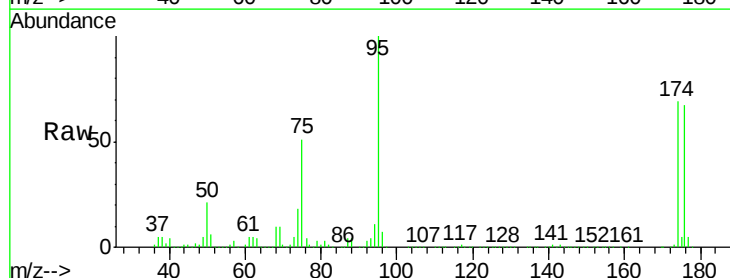
Tgt Ion: 95 Resp: 330840

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

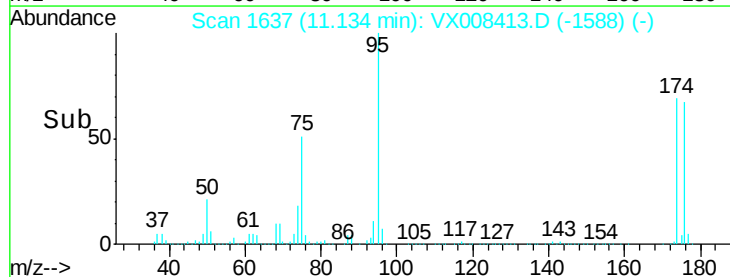
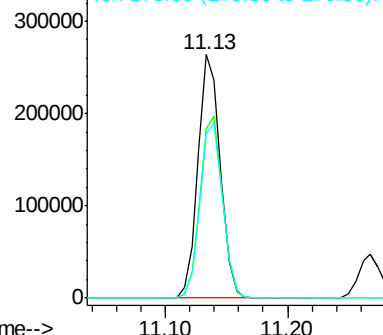
176 72.8 0.0 142.4

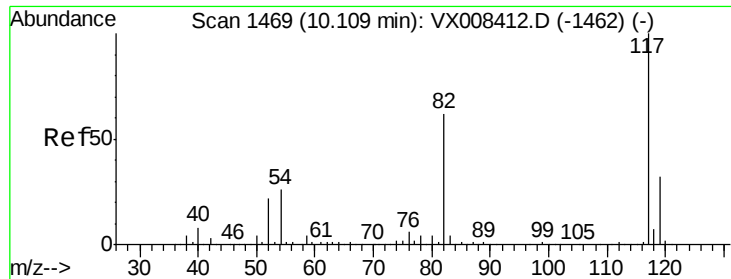


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

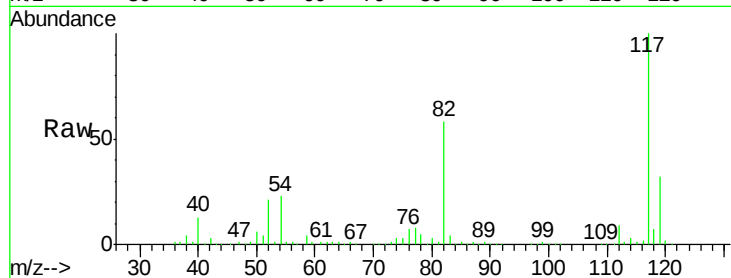




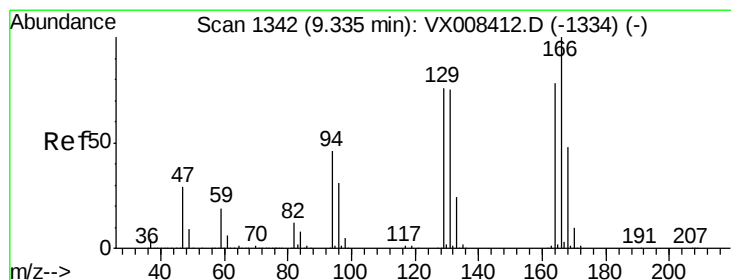
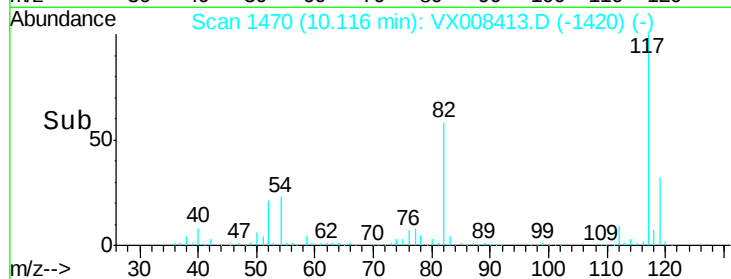
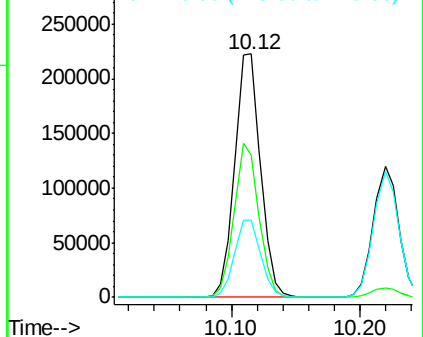
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 311921
Ion Ratio Lower Upper
117 100
82 58.3 49.4 74.2
119 31.8 25.4 38.0



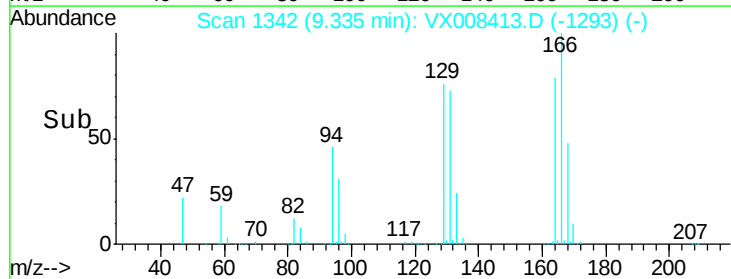
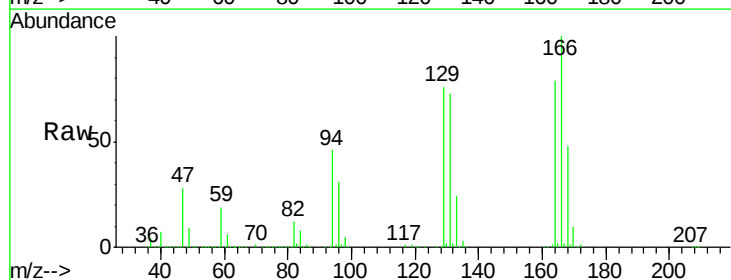
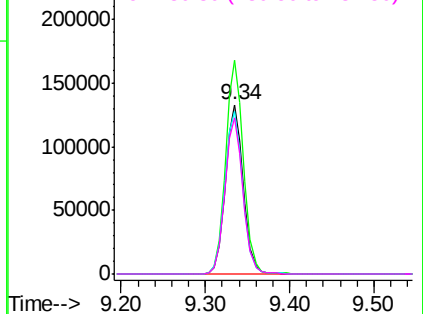
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

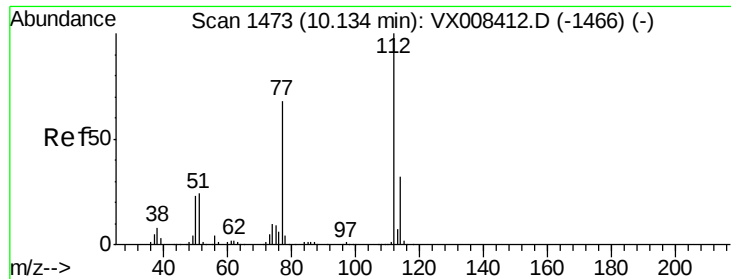


#64
Tetrachloroethene
Concen: 94.022 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion:164 Resp: 191921
Ion Ratio Lower Upper
164 100
166 126.2 102.5 153.7
129 95.9 77.8 116.8
131 92.1 76.9 115.3

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

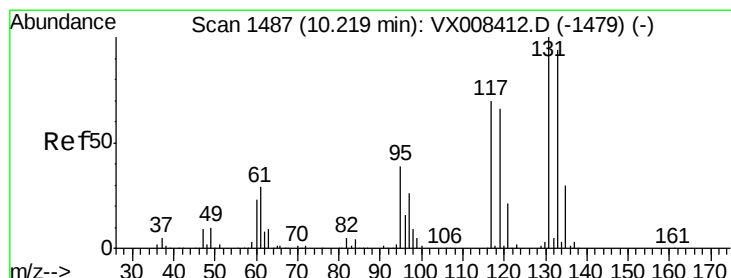
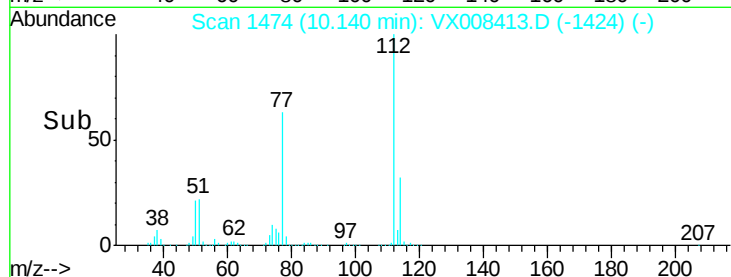
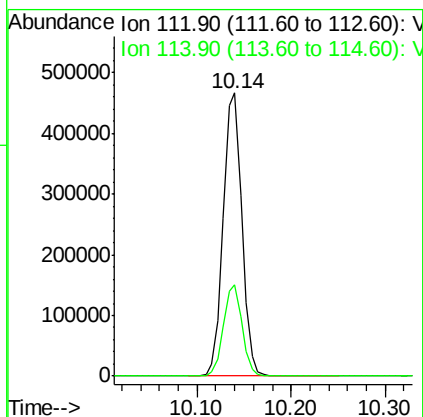
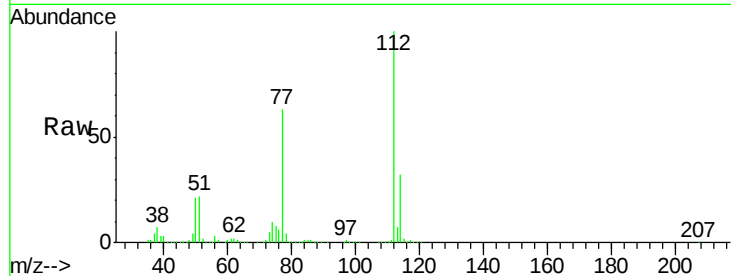




#65
Chlorobenzene
Concen: 97.879 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

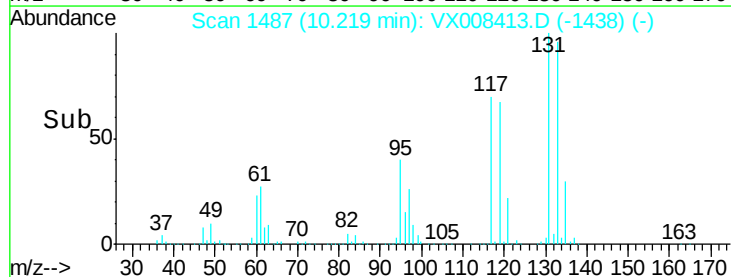
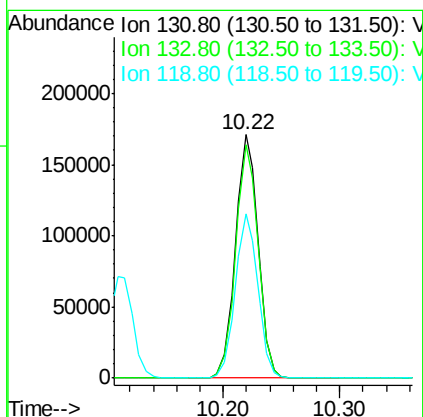
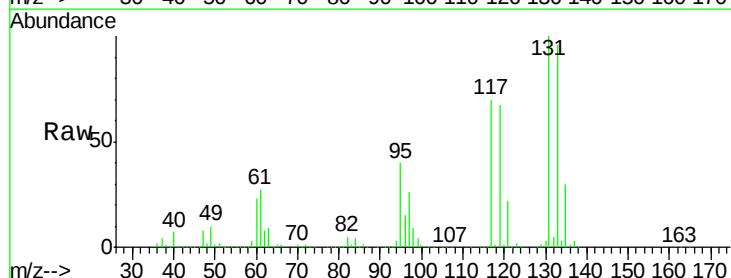
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

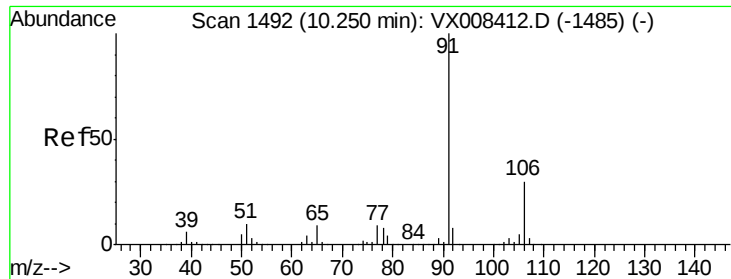
Tgt Ion:112 Resp: 642002
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 101.639 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion:131 Resp: 231337
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 67.5 33.6 100.6

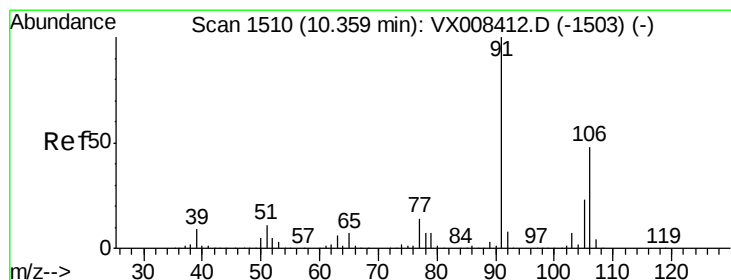
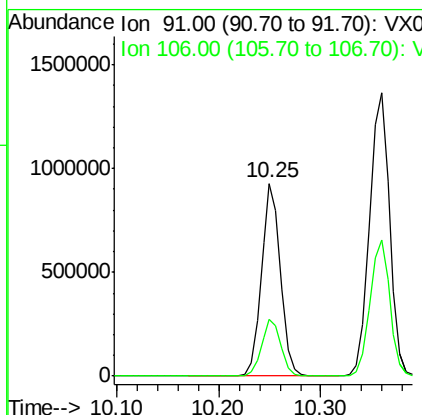
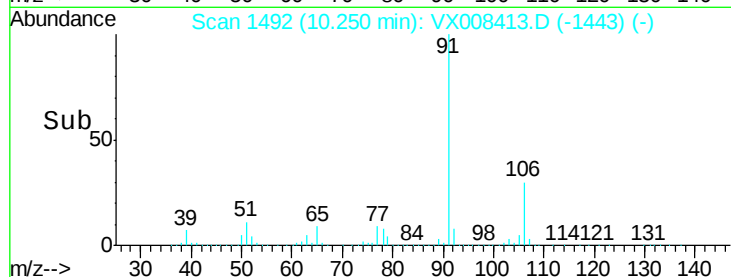
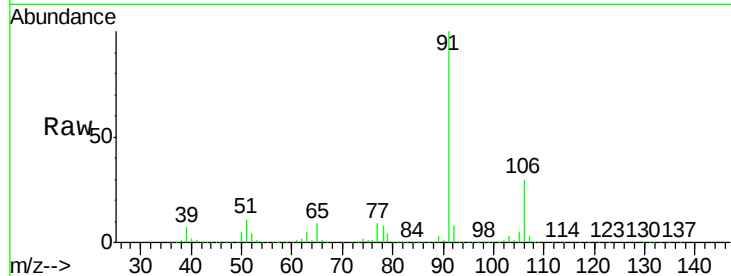




#67
Ethyl Benzene
Concen: 98.398 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

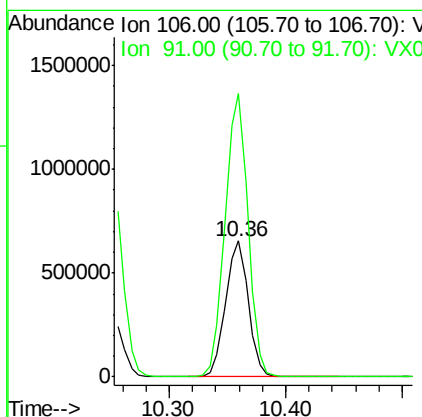
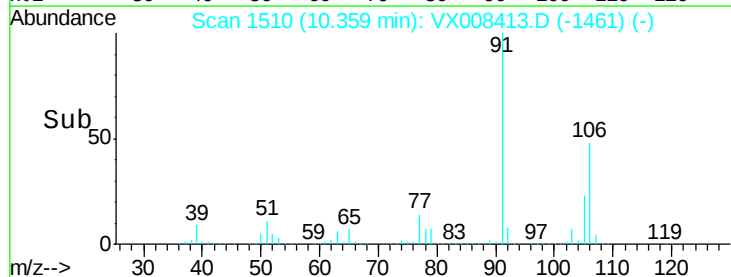
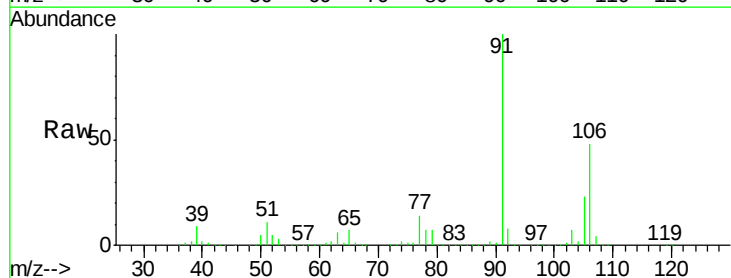
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

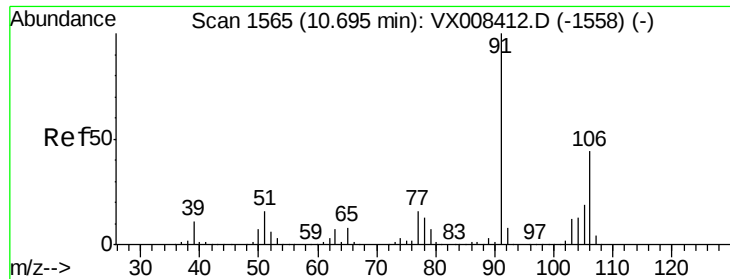
Tgt Ion: 91 Resp: 1210961
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 200.424 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion: 106 Resp: 886184
Ion Ratio Lower Upper
106 100
91 209.8 168.6 253.0

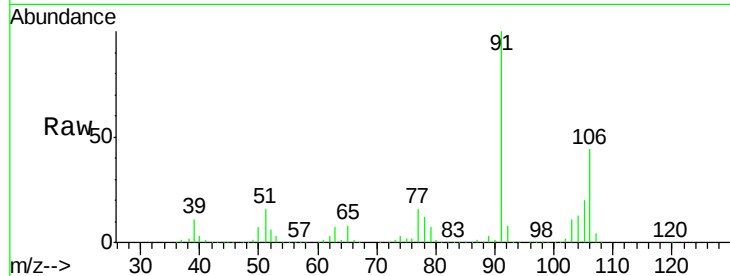




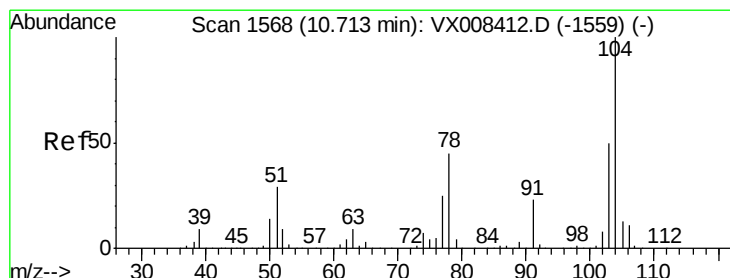
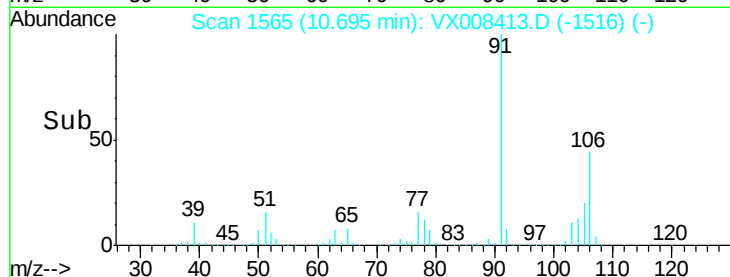
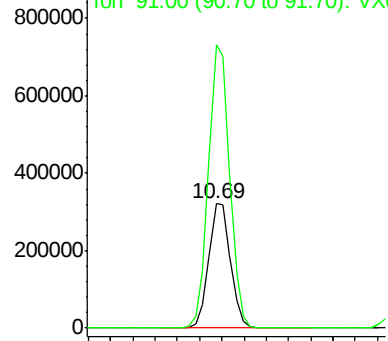
#69
o-Xylene
Concen: 100.042 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 432570
Ion Ratio Lower Upper
106 100
91 223.2 111.4 334.2

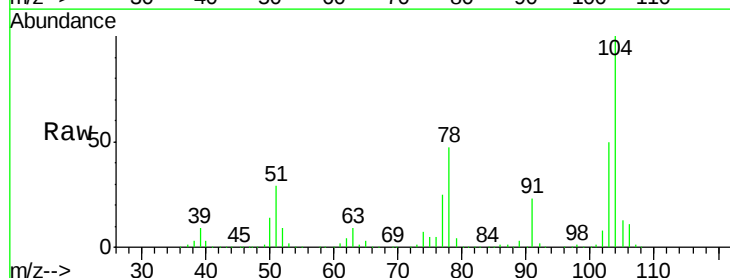


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

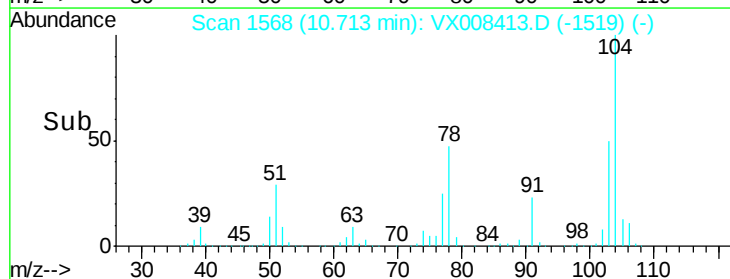
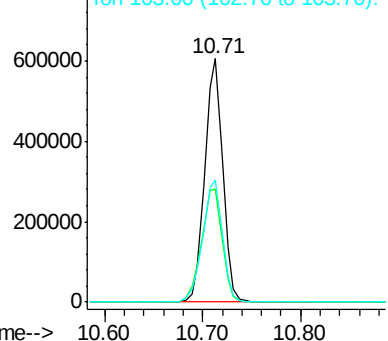


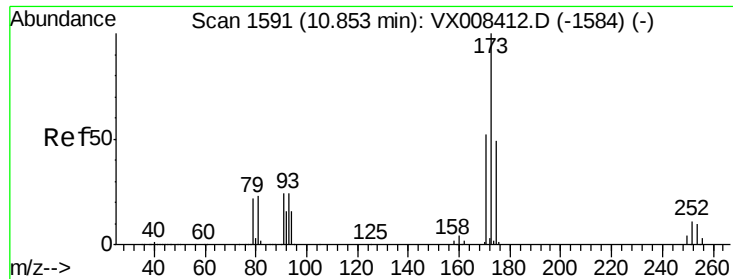
#70
Styrene
Concen: 103.173 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008413.D
Acq: 25 Mar 2019 15:17

Tgt Ion:104 Resp: 773892
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 55.1 44.2 66.4



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





#71

Bromoform

Concen: 111.507 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

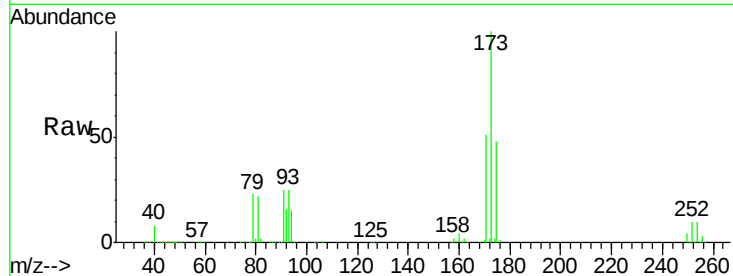
Tgt Ion:173 Resp: 196753

Ion Ratio Lower Upper

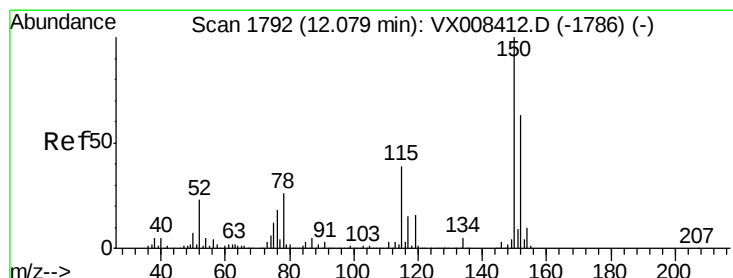
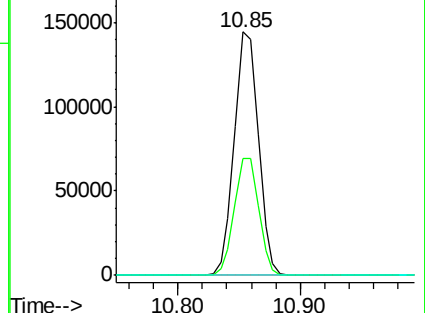
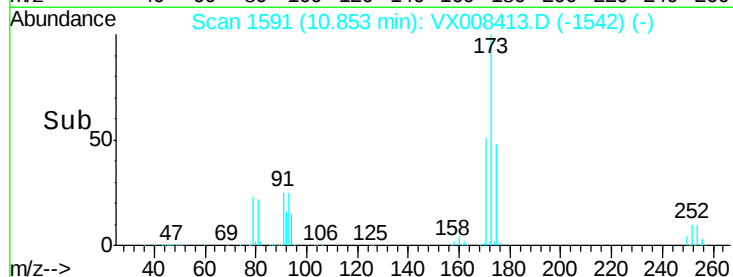
173 100

175 48.8 24.3 72.8

254 0.2 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: VX008413.D

Acq: 25 Mar 2019 15:17

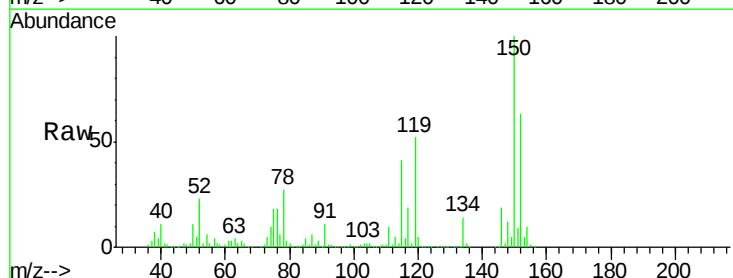
Tgt Ion:152 Resp: 152475

Ion Ratio Lower Upper

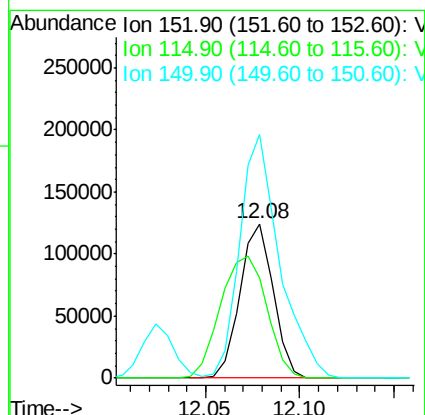
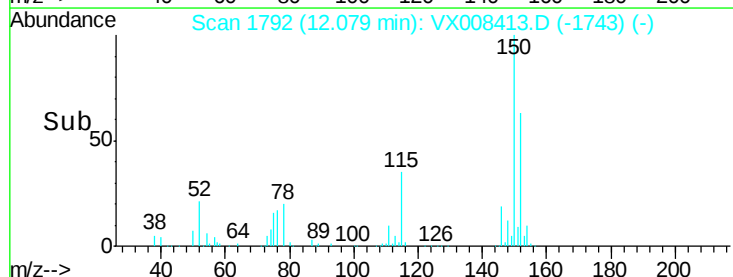
152 100

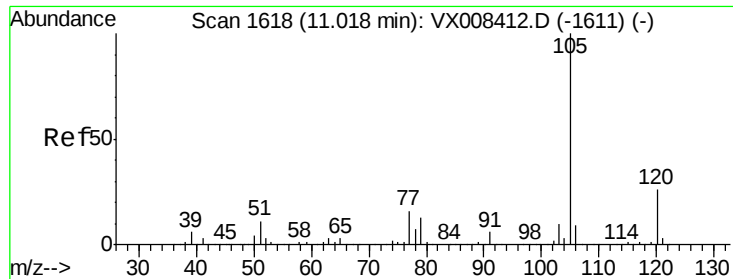
115 110.4 43.5 130.5

150 189.0 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: 94.817 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

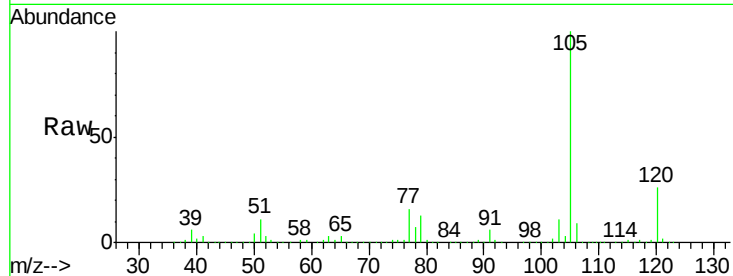
VSTDIC100

Tgt Ion:105 Resp: 1141157

Ion Ratio Lower Upper

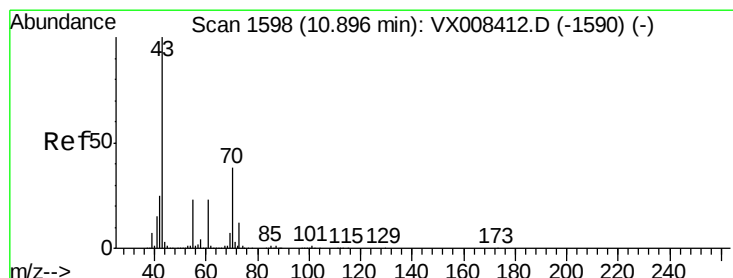
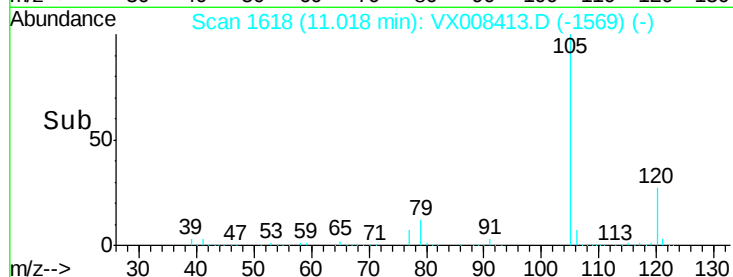
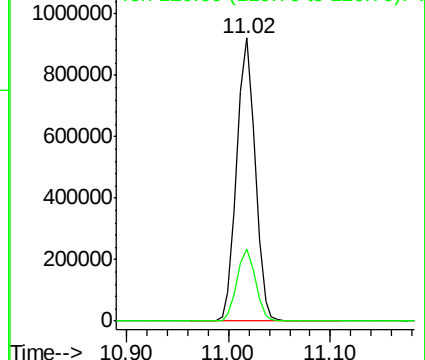
105 100

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: 98.748 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Tgt Ion: 43 Resp: 695809

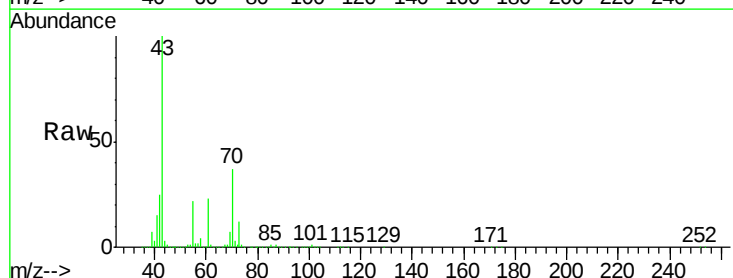
Ion Ratio Lower Upper

43 100

70 37.8 30.5 45.7

55 22.3 18.2 27.2

61 23.0 18.4 27.6

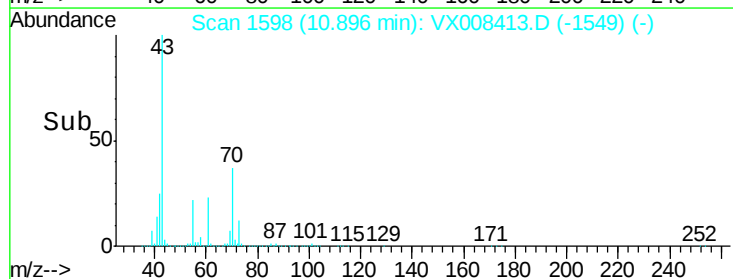
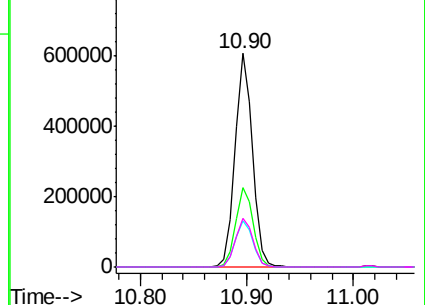


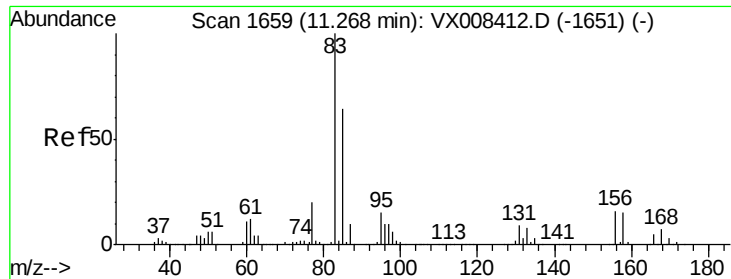
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 91.111 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

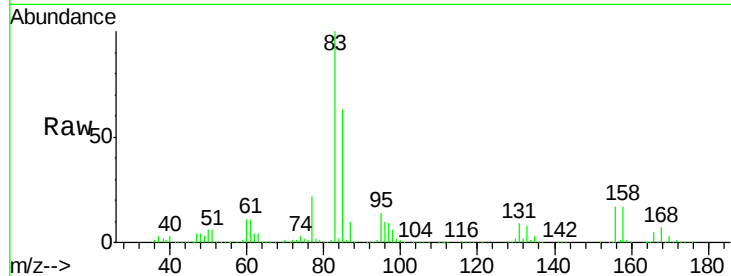
Tgt Ion: 83 Resp: 435741

Ion Ratio Lower Upper

83 100

131 8.8 4.5 13.4

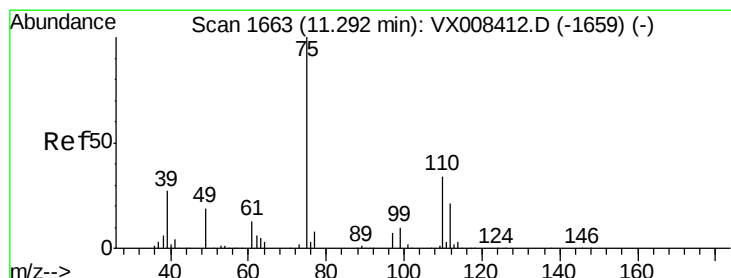
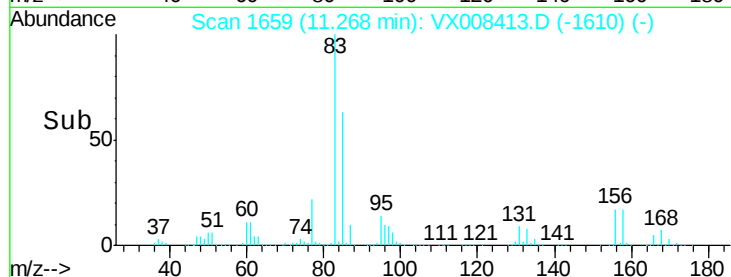
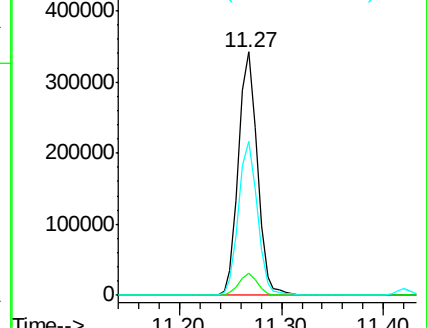
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 129.247 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008413.D

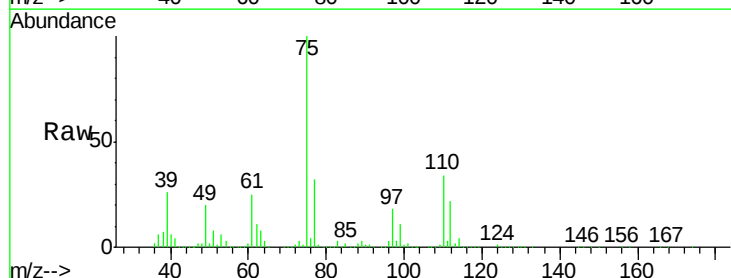
Acq: 25 Mar 2019 15:17

Tgt Ion: 75 Resp: 516096

Ion Ratio Lower Upper

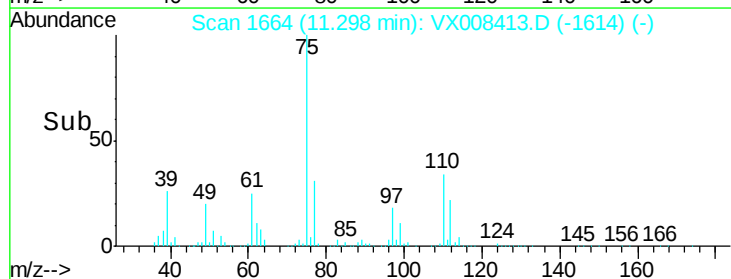
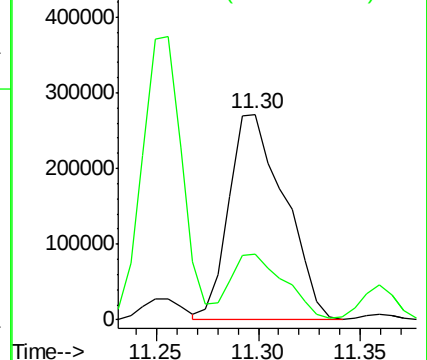
75 100

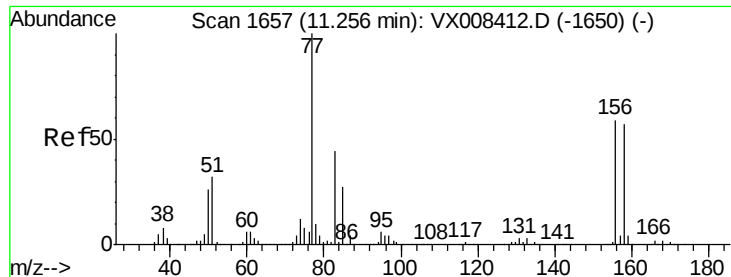
77 32.1 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 97.347 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

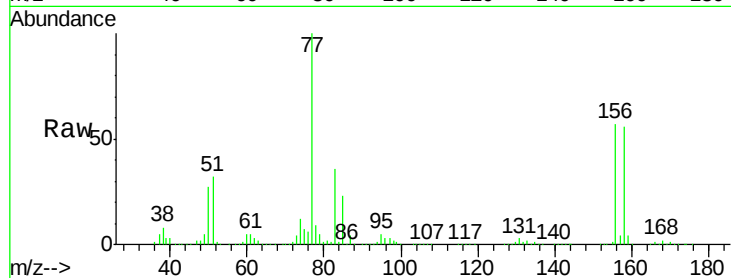
Tgt Ion:156 Resp: 278215

Ion Ratio Lower Upper

156 100

77 181.4 91.1 273.3

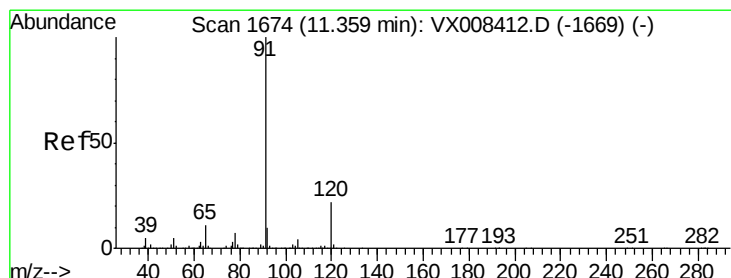
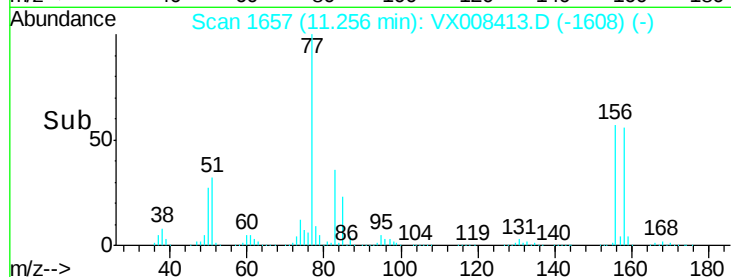
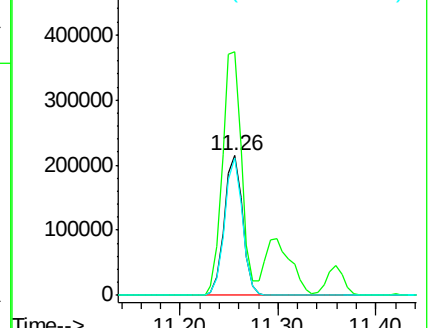
158 95.9 48.3 144.8



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: 97.437 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008413.D

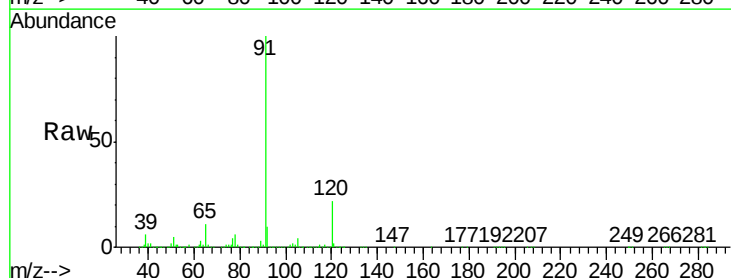
Acq: 25 Mar 2019 15:17

Tgt Ion: 91 Resp: 1373474

Ion Ratio Lower Upper

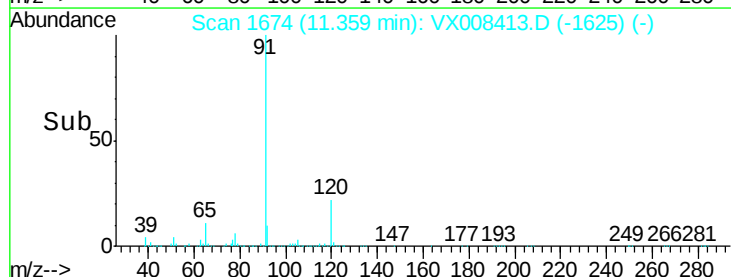
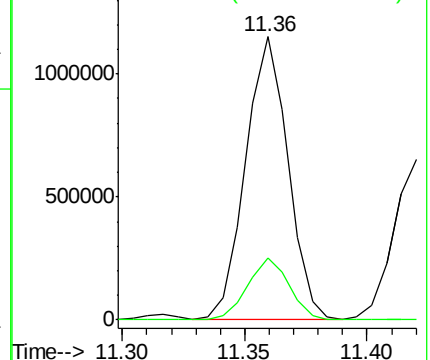
91 100

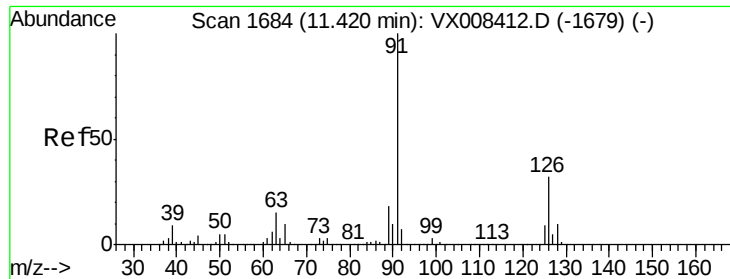
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 93.906 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

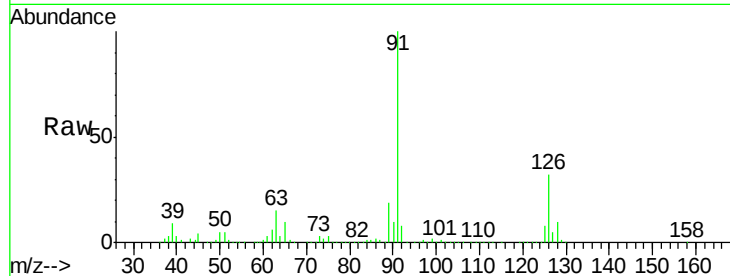
VSTDICC100

Tgt Ion: 91 Resp: 808708

Ion Ratio Lower Upper

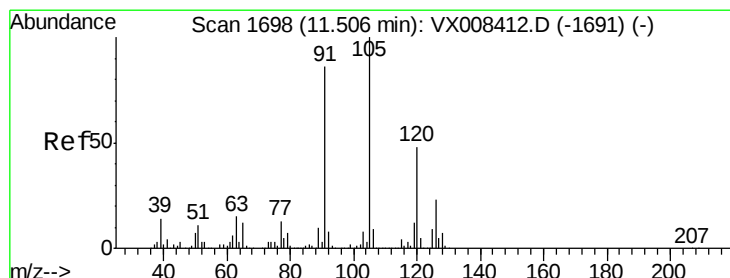
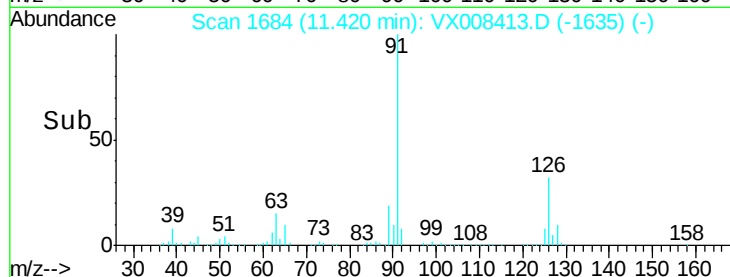
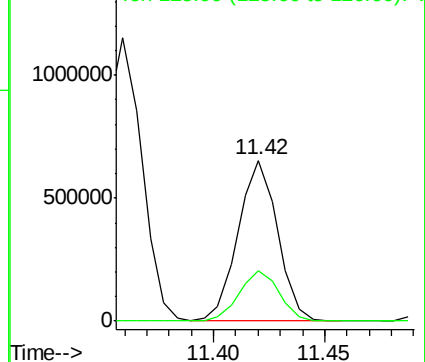
91 100

126 31.8 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 96.108 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008413.D

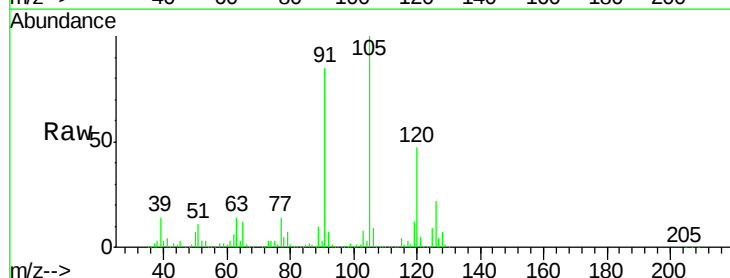
Acq: 25 Mar 2019 15:17

Tgt Ion: 105 Resp: 984295

Ion Ratio Lower Upper

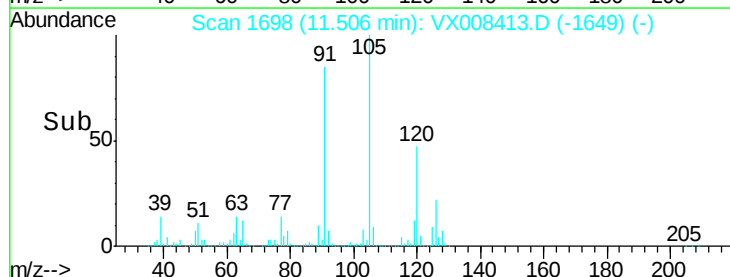
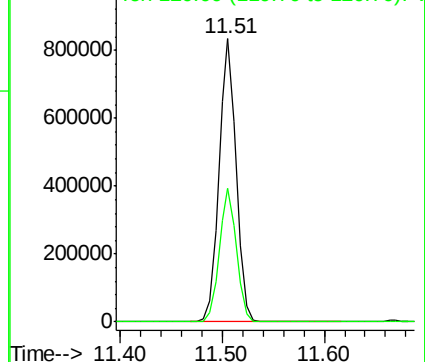
105 100

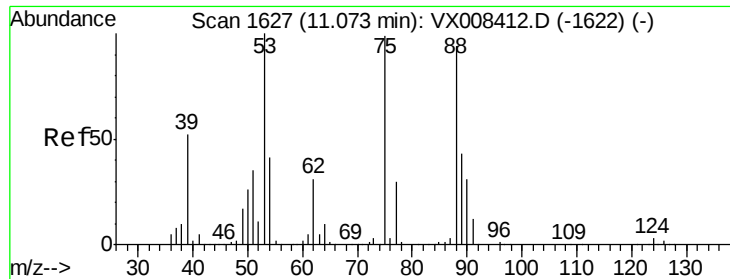
120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 111.973 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

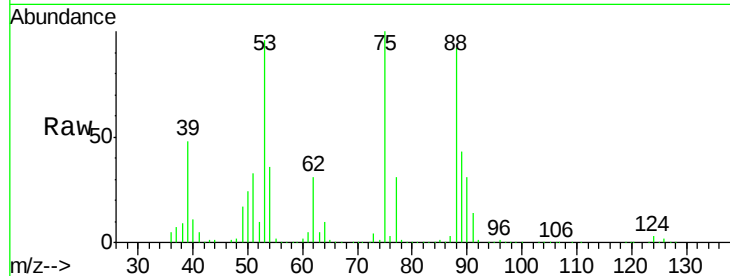
Tgt Ion: 75 Resp: 156466

Ion Ratio Lower Upper

75 100

53 98.6 82.1 123.1

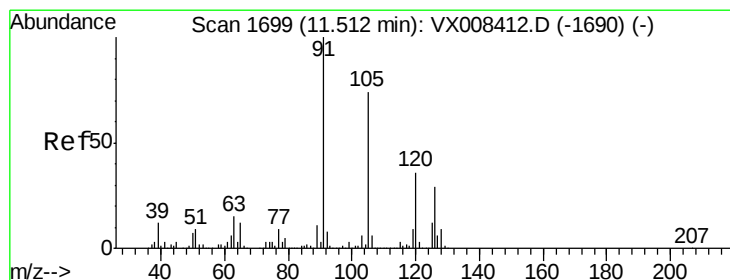
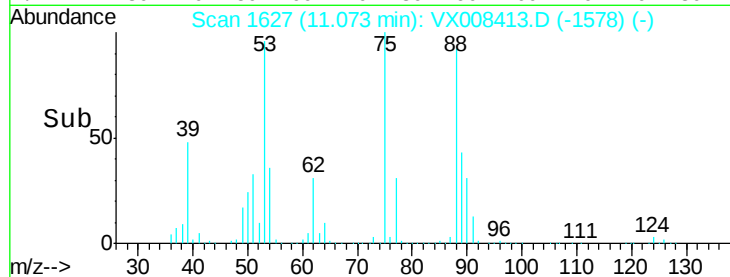
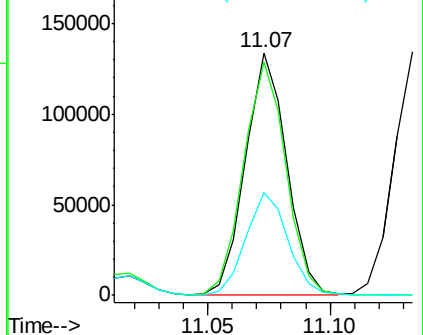
89 43.7 34.6 52.0



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: 96.384 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008413.D

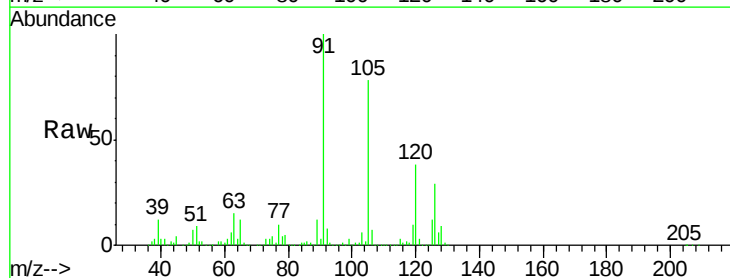
Acq: 25 Mar 2019 15:17

Tgt Ion: 91 Resp: 954747

Ion Ratio Lower Upper

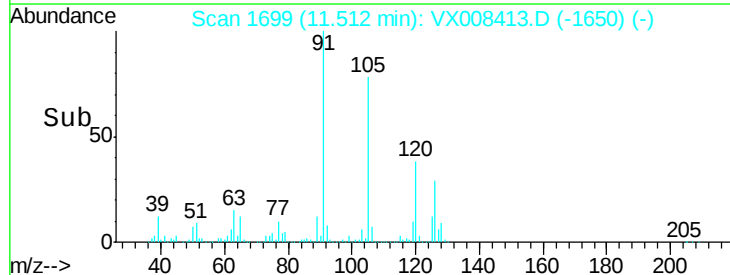
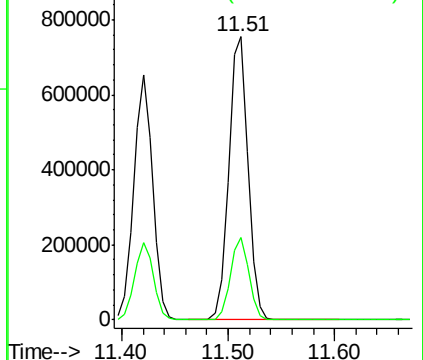
91 100

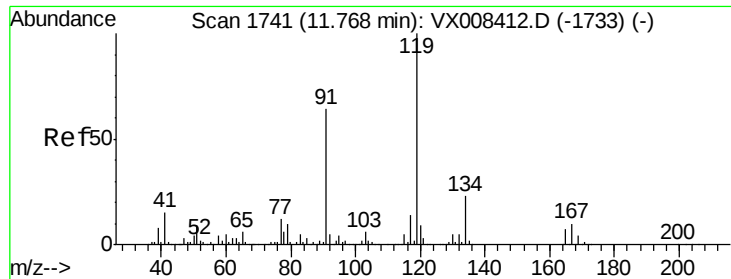
126 28.3 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

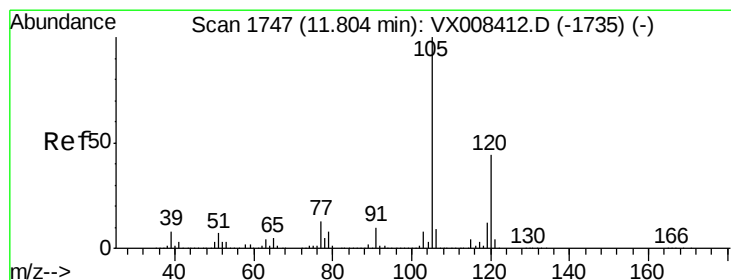
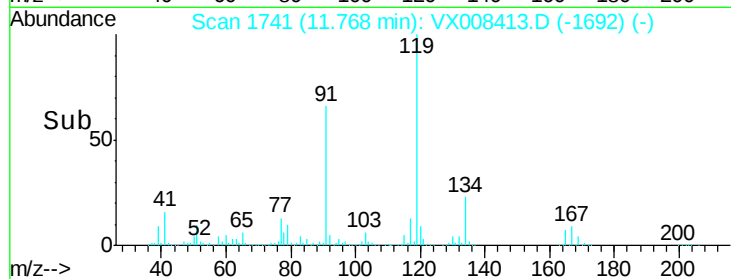
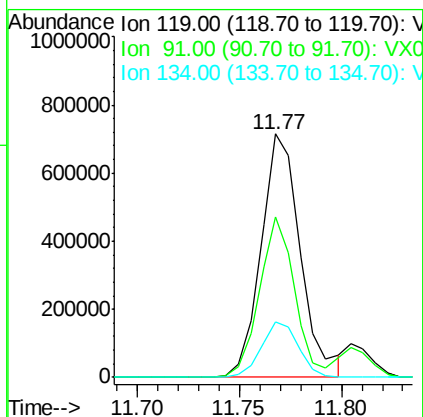
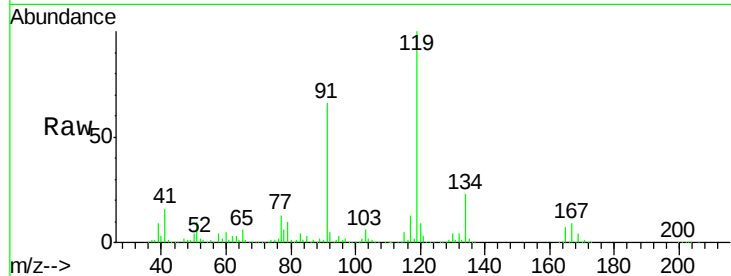




#83
 tert-Butylbenzene
 Concen: 98.681 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

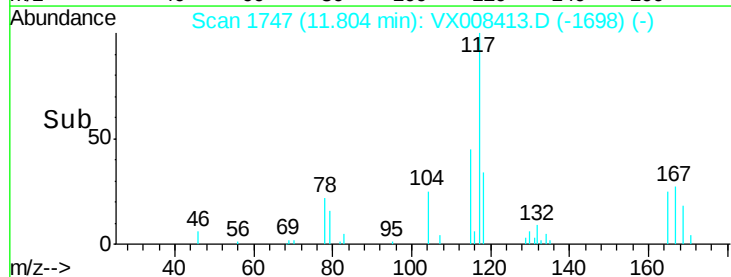
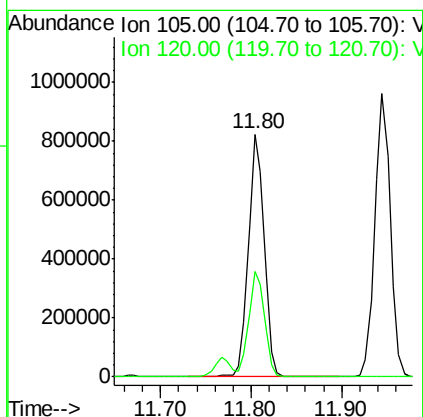
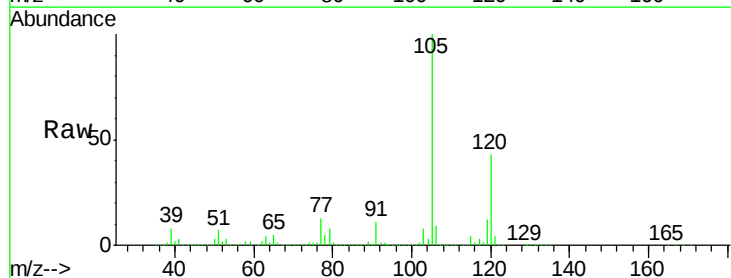
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

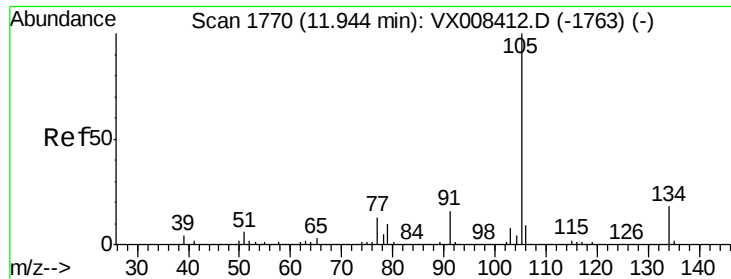
Tgt Ion:119 Resp: 959949
 Ion Ratio Lower Upper
 119 100
 91 58.9 30.1 90.3
 134 21.5 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 97.425 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion:105 Resp: 996991
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.6 65.0

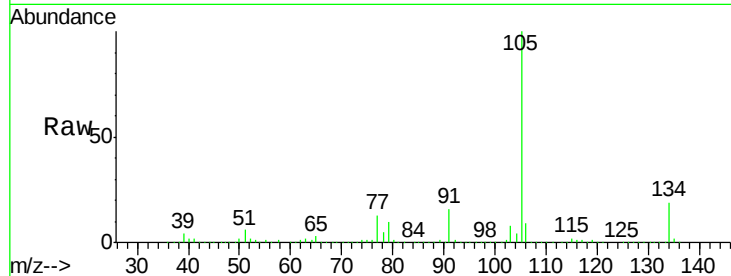




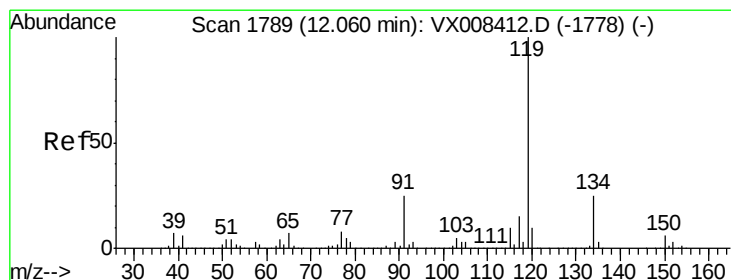
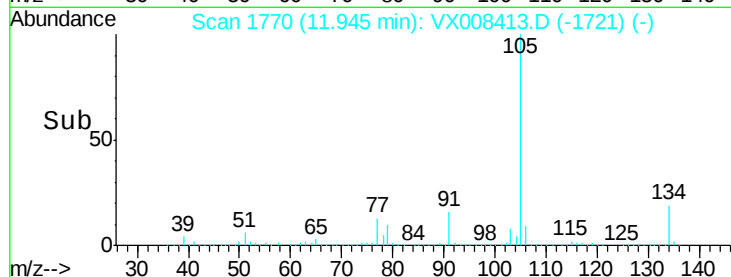
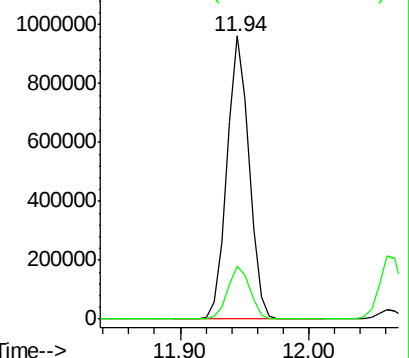
#85
 sec-Butylbenzene
 Concen: 96.798 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1132612
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 28.0

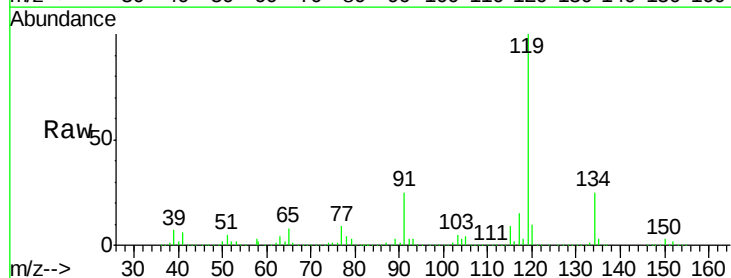


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

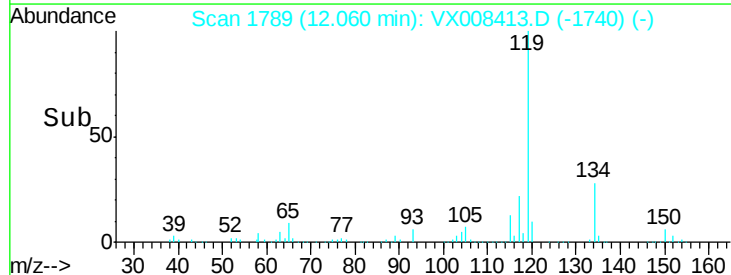
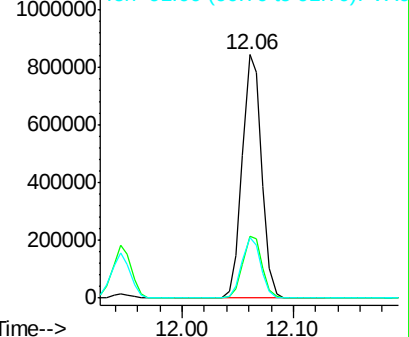


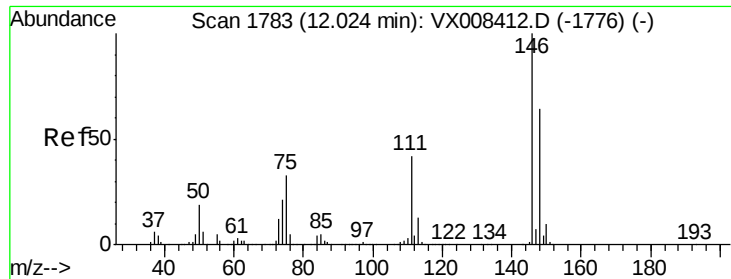
#86
 p-Isopropyltoluene
 Concen: 99.564 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion:119 Resp: 1026776
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.4 12.4 37.0



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





#87

1,3-Dichlorobenzene

Concen: 97.238 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

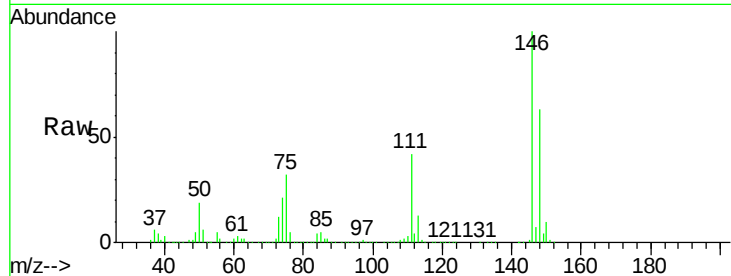
Tgt Ion:146 Resp: 498667

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.5

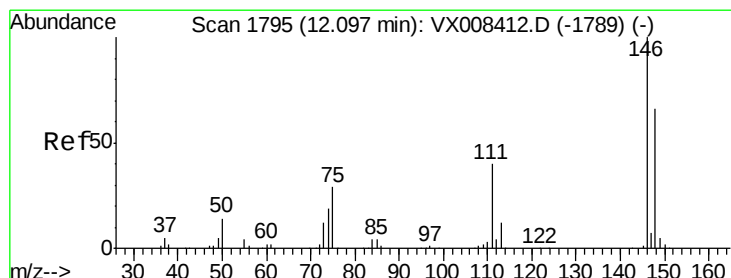
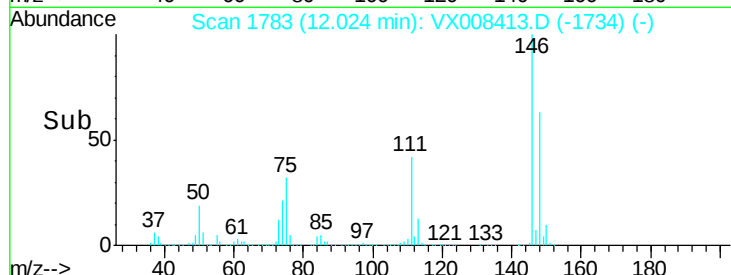
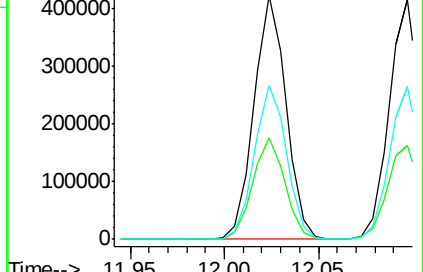
148 63.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 95.062 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

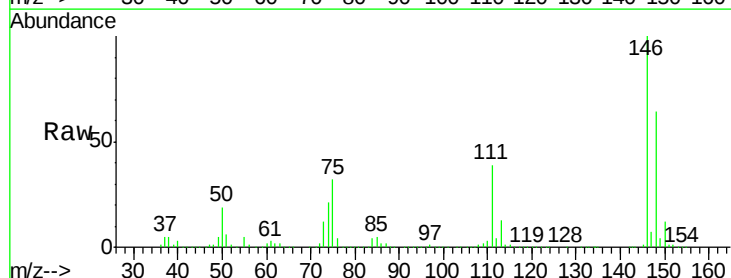
Tgt Ion:146 Resp: 496729

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

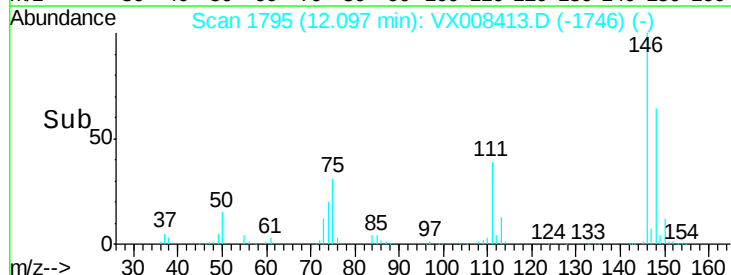
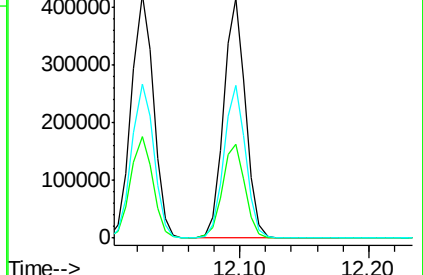
148 63.6 32.1 96.5

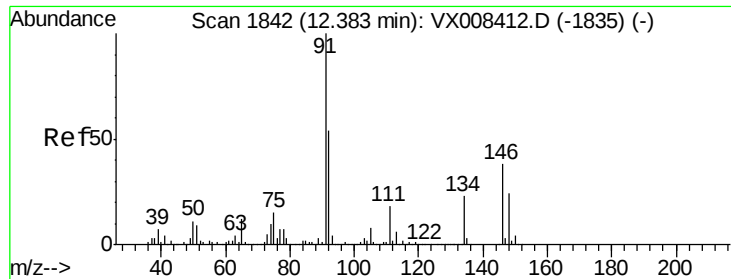


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 102.101 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

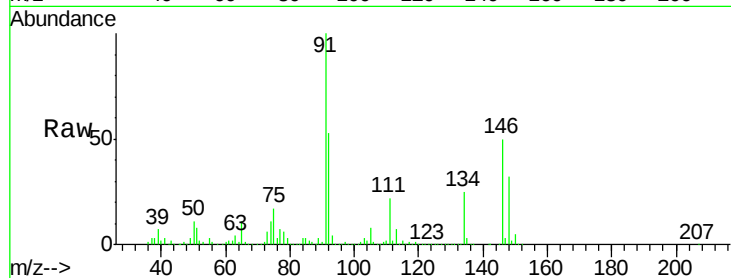
Tgt Ion: 91 Resp: 1004301

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

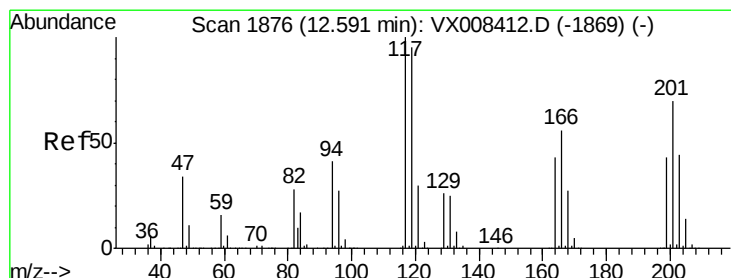
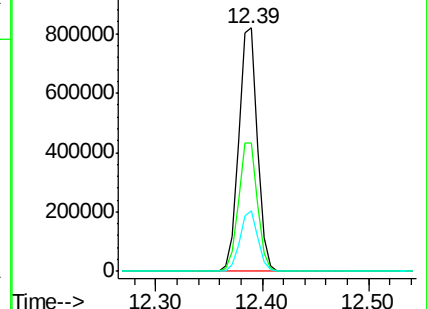
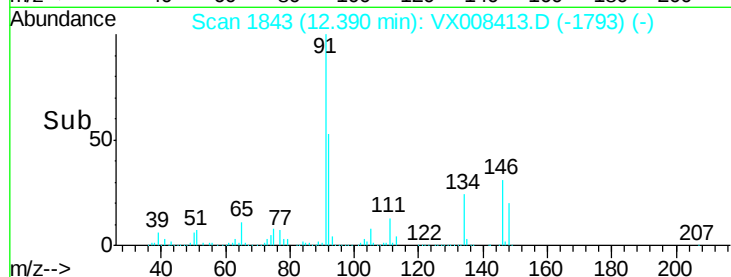
134 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX008413.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX008413.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX008413.D (-1835) (-)



#90

Hexachloroethane

Concen: 104.708 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX008413.D

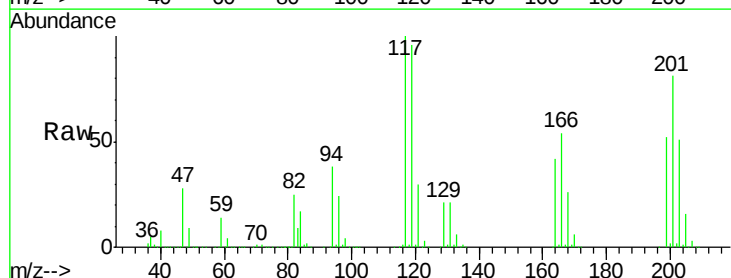
Acq: 25 Mar 2019 15:17

Tgt Ion: 117 Resp: 178735

Ion Ratio Lower Upper

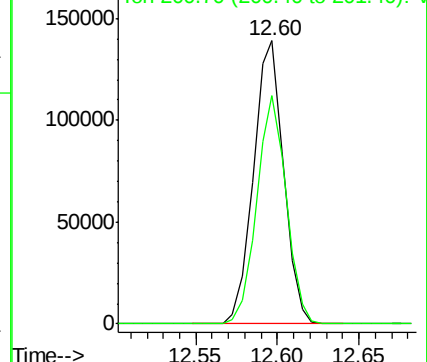
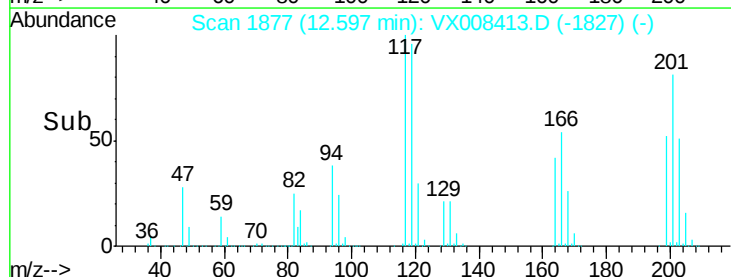
117 100

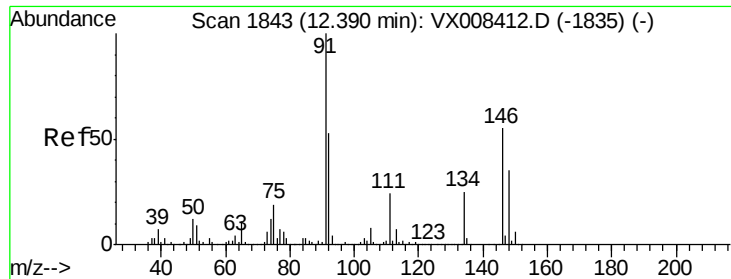
201 78.9 39.4 118.1



Abundance Ion 116.80 (116.50 to 117.50): VX008413.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX008413.D (-1869) (-)

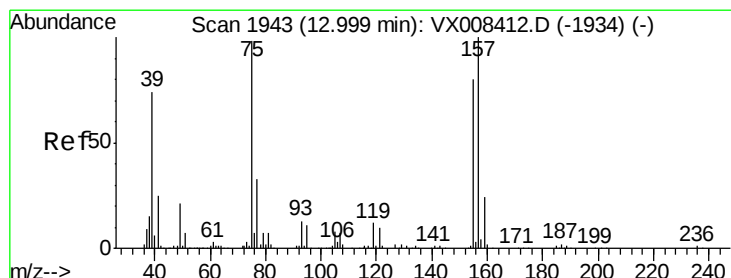
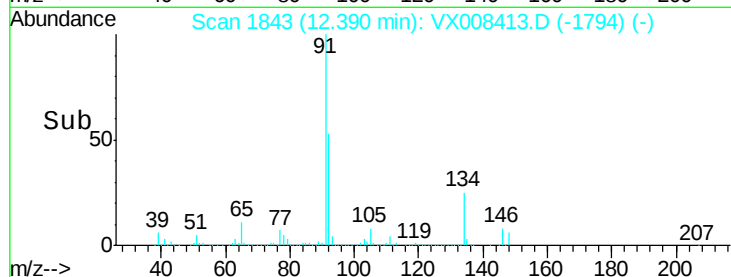
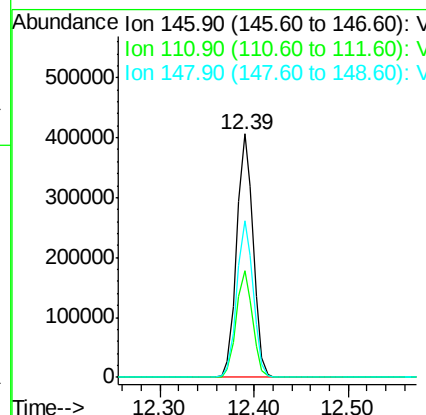
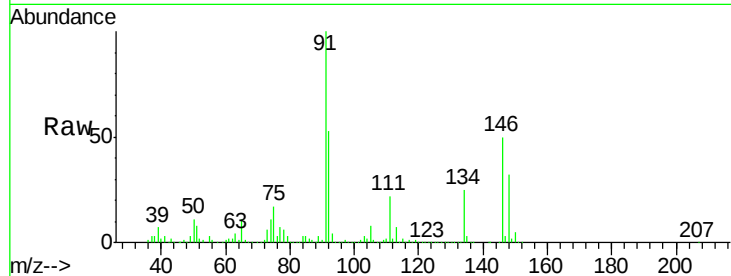




#91
 1,2-Dichlorobenzene
 Concen: 94.337 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

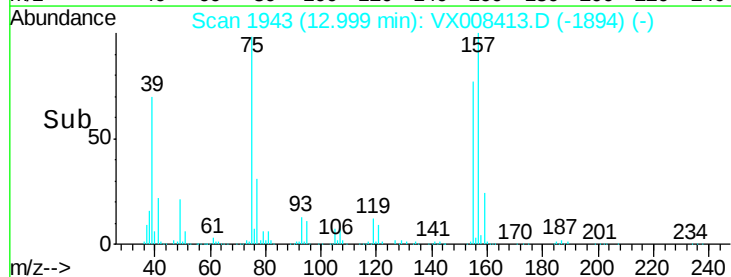
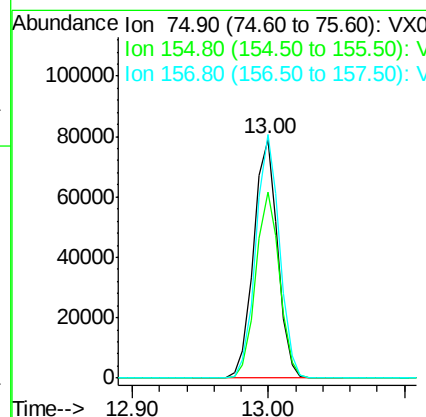
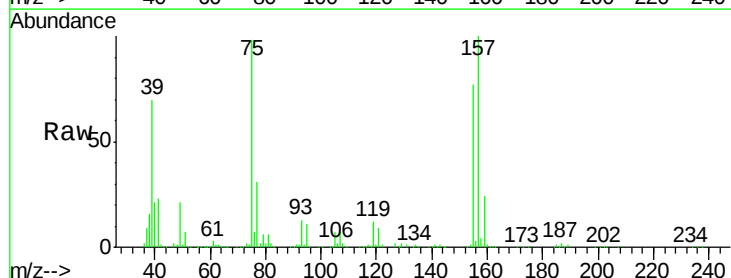
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

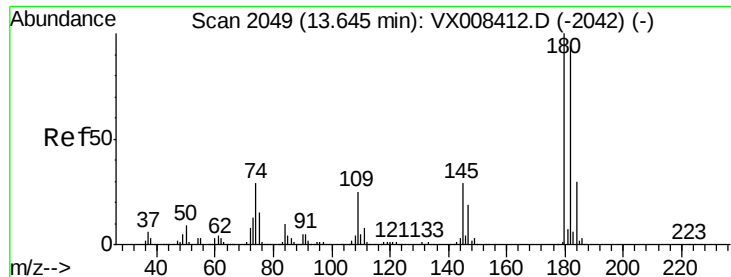
Tgt Ion: 146 Resp: 491165
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.6 64.6
 148 64.1 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 96.426 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion: 75 Resp: 98122
 Ion Ratio Lower Upper
 75 100
 155 77.4 39.5 118.5
 157 100.5 49.9 149.7

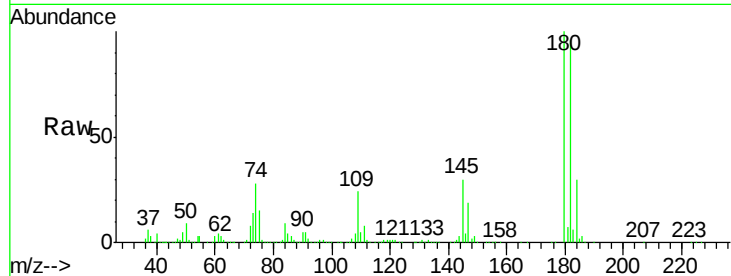




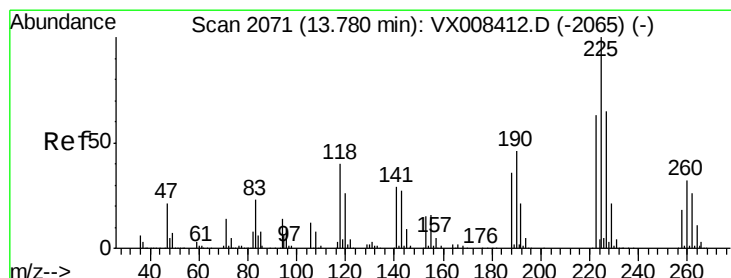
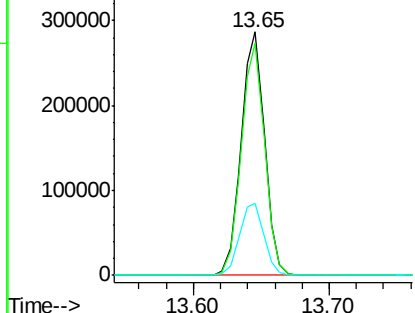
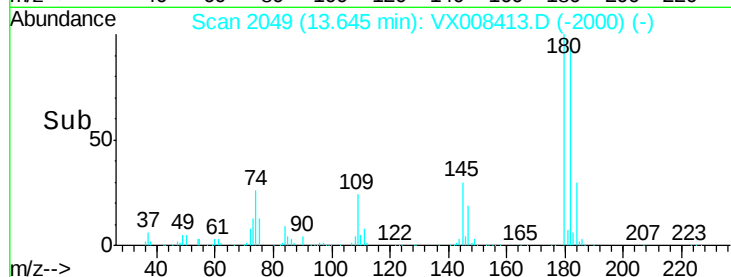
#93
 1,2,4-Trichlorobenzene
 Concen: 97.388 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 342716
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 142.0
 145 30.8 15.3 45.8

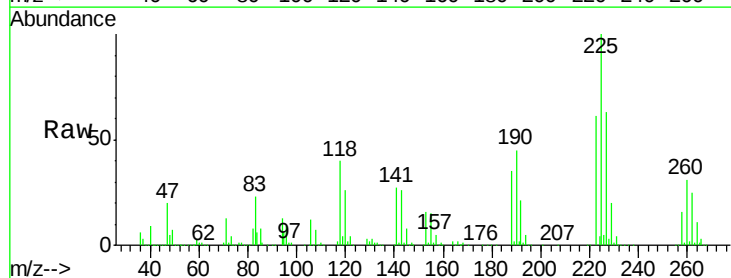


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

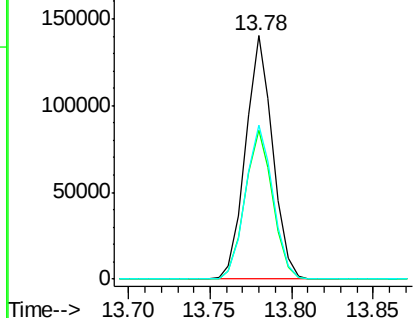
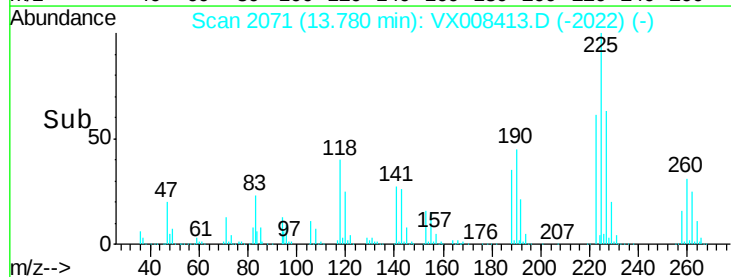


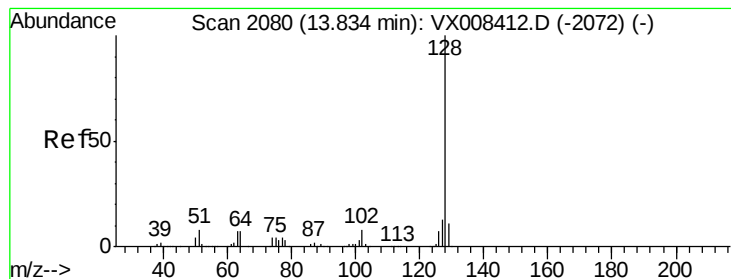
#94
 Hexachlorobutadiene
 Concen: 97.562 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008413.D
 Acq: 25 Mar 2019 15:17

Tgt Ion:225 Resp: 162090
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.0
 227 64.6 31.9 95.9



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





#95

Naphthalene

Concen: 94.137 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

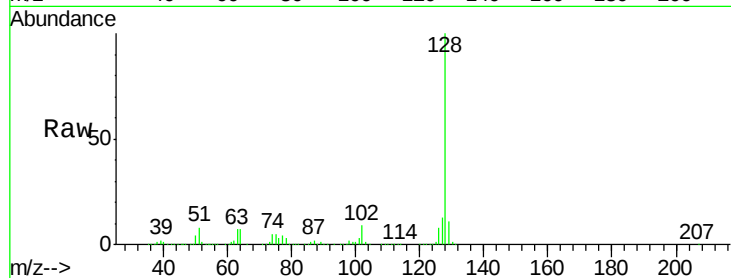
Tgt Ion:128 Resp: 1153975

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

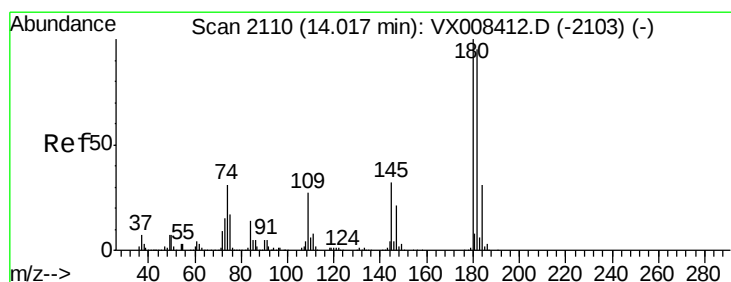
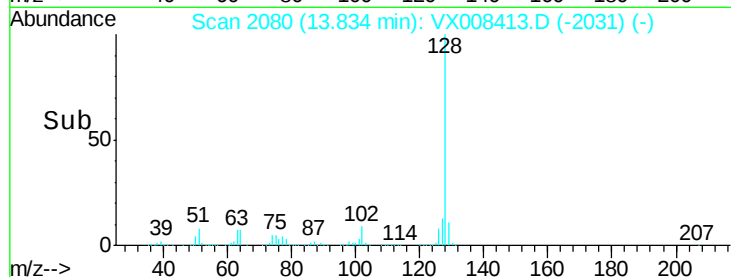
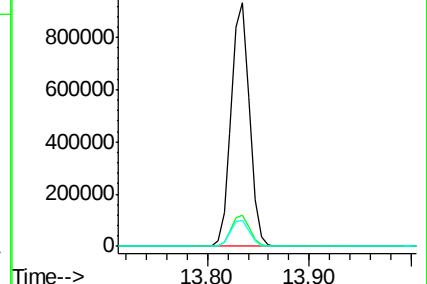
129 11.0 8.7 13.1



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: 95.882 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008413.D

Acq: 25 Mar 2019 15:17

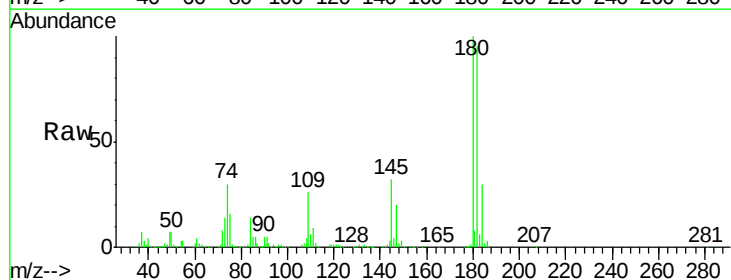
Tgt Ion:180 Resp: 338908

Ion Ratio Lower Upper

180 100

182 95.6 47.3 142.0

145 32.0 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

