

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031919\
 Data File : VX008182.D
 Acq On : 19 Mar 2019 11:09
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 19 11:36:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212593	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	238578	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	178915	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	687449	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	240822	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	203957	50.000	ug/l	98
3) Chloromethane	1.33	50	230991	50.000	ug/l	99
4) Vinyl Chloride	1.41	62	241880	50.000	ug/l	100
5) Bromomethane	1.64	94	207867	50.000	ug/l	99
6) Chloroethane	1.72	64	144888	50.000	ug/l	100
7) Trichlorofluoromethane	1.93	101	298474	50.000	ug/l	96
8) Diethyl Ether	2.19	74	169566	50.000	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	213860	50.000	ug/l	90
10) Methyl Iodide	2.51	142	283260	50.000	ug/l	97
11) Tert butyl alcohol	3.05	59	268539	250.000	ug/l	100
12) 1,1-Dichloroethene	2.37	96	202733	50.000	ug/l	90
13) Acrolein	2.29	56	182116	250.000	ug/l	99
14) Allyl chloride	2.73	41	451595	50.000	ug/l	94
15) Acrylonitrile	3.15	53	716661	250.000	ug/l	99
16) Acetone	2.45	43	699211	250.000	ug/l	97
17) Carbon Disulfide	2.57	76	632548	50.000	ug/l	99
18) Methyl Acetate	2.78	43	341637	50.000	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	743652	50.000	ug/l	98
20) Methylene Chloride	2.86	84	231639	50.000	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	214885	50.000	ug/l	93
22) Diisopropyl ether	3.86	45	886588	50.000	ug/l	91
23) Vinyl Acetate	3.82	43	3908844	250.000	ug/l	98
24) 1,1-Dichloroethane	3.70	63	446240	50.000	ug/l	98
25) 2-Butanone	4.68	43	1073269	249.960	ug/l	98
26) 2,2-Dichloropropane	4.59	77	339704	50.000	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	246785	50.000	ug/l	90
28) Bromochloromethane	5.02	49	187542	50.000	ug/l	82
29) Tetrahydrofuran	5.13	42	691638	250.000	ug/l	96
30) Chloroform	5.21	83	419118	50.000	ug/l	100
31) Cyclohexane	5.58	56	436017	50.000	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	352063	50.000	ug/l	96
36) 1,1-Dichloropropene	5.81	75	324532	50.000	ug/l	97
37) Ethyl Acetate	4.84	43	404185	50.000	ug/l	97
38) Carbon Tetrachloride	5.79	117	296604	50.000	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	401331	50.000	ug/l	92
40) Benzene	6.15	78	972599	50.000	ug/l	99
41) Methacrylonitrile	5.04	41	226376	50.000	ug/l	95
42) 1,2-Dichloroethane	6.20	62	351820	50.000	ug/l	95
43) Isopropyl Acetate	6.45	43	647462	50.000	ug/l	97
44) Trichloroethene	7.21	130	231491	50.000	ug/l	89
45) 1,2-Dichloropropane	7.51	63	267473	50.000	ug/l	100
46) Dibromomethane	7.66	93	161431	50.000	ug/l #	86
47) Bromodichloromethane	7.90	83	319589	50.000	ug/l	98
48) Methyl methacrylate	7.77	41	340557	50.000	ug/l	93
49) 1,4-Dioxane	7.74	88	111767	1000.000	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	2063943	250.000	ug/l	98
52) Toluene	8.79	92	572387	50.000	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	368870	50.000	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	402991	50.000	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	235856	50.000	ug/l	98
56) Ethyl methacrylate	9.18	69	395174	50.000	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	416476	50.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	919392	250.000	ug/l	94
59) 2-Hexanone	9.49	43	1573387	250.000	ug/l	96
60) Dibromochloromethane	9.58	129	233943	50.000	ug/l	98
61) 1,2-Dibromoethane	9.67	107	245083	50.000	ug/l	100
64) Tetrachloroethene	9.34	164	219713	50.000	ug/l	95
65) Chlorobenzene	10.14	112	603113	50.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	216205	50.000	ug/l	99
67) Ethyl Benzene	10.25	91	1098097	50.000	ug/l	97
68) m/p-Xylenes	10.36	106	805645	100.000	ug/l	93
69) o-Xylene	10.70	106	392521	50.000	ug/l	94
70) Styrene	10.71	104	642416	50.000	ug/l	95
71) Bromoform	10.85	173	168582	50.000	ug/l #	99
73) Isopropylbenzene	11.02	105	1044737	50.000	ug/l	98
74) N-amyl acetate	10.90	43	555651	50.000	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	359049	50.000	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	444737	70.459	ug/l	90
77) Bromobenzene	11.26	156	245124	50.000	ug/l	84
78) n-propylbenzene	11.36	91	1238809	50.000	ug/l	96
79) 2-Chlorotoluene	11.42	91	719722	50.000	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	870273	50.000	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	119774	50.000	ug/l	93
82) 4-Chlorotoluene	11.51	91	841321	50.000	ug/l	95
83) tert-Butylbenzene	11.77	119	817449	50.000	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	885825	50.000	ug/l	97
85) sec-Butylbenzene	11.94	105	1033324	50.000	ug/l	97
86) p-Isopropyltoluene	12.06	119	895785	50.000	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	438393	50.000	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	438900	50.000	ug/l	97
89) n-Butylbenzene	12.38	91	851765	50.000	ug/l	97
90) Hexachloroethane	12.60	117	153999	50.000	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	436881	50.000	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	81459	50.000	ug/l	78

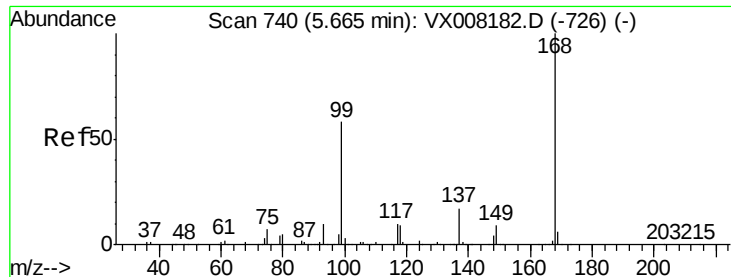
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293772	50.000	ug/l	98
94) Hexachlorobutadiene	13.78	225	143498	50.000	ug/l	98
95) Naphthalene	13.83	128	968212	50.000	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	291150	50.000	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

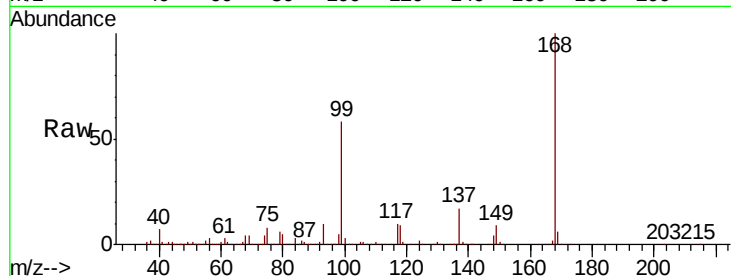
VSTDICCC050

Tgt Ion:168 Resp: 311599

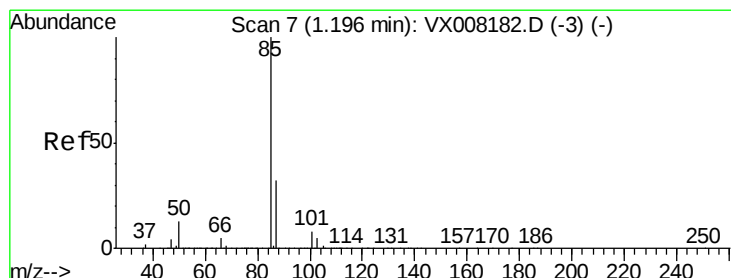
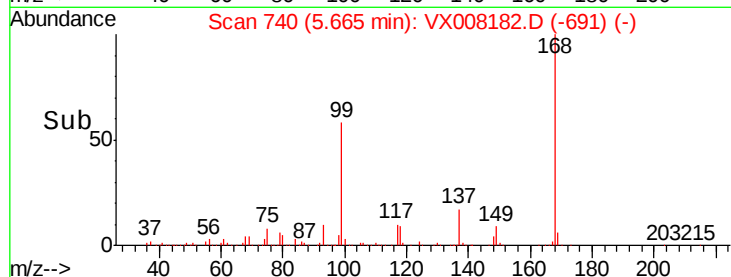
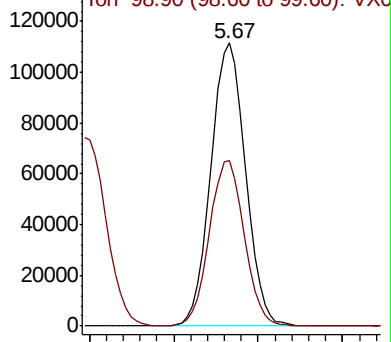
Ion Ratio Lower Upper

168 100

99 58.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX008182.D (-726) (-)



#2

Dichlorodifluoromethane

Concen: 50.000 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008182.D

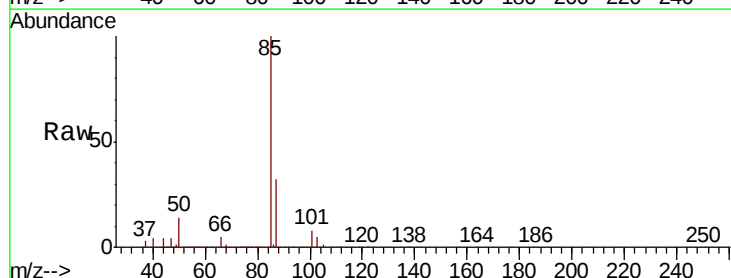
Acq: 19 Mar 2019 11:09

Tgt Ion: 85 Resp: 203957

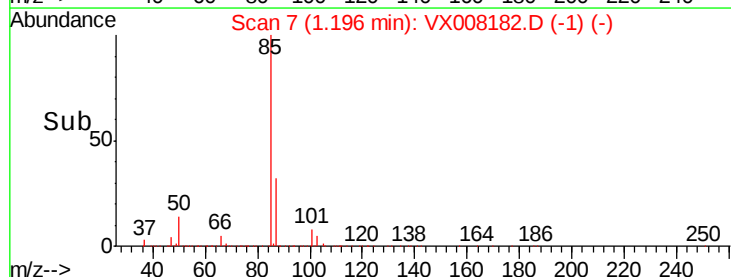
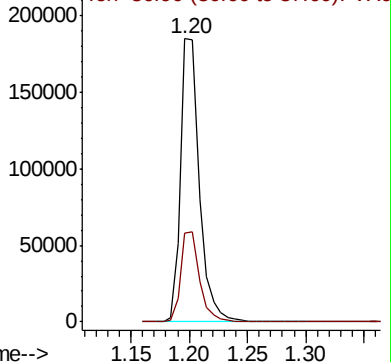
Ion Ratio Lower Upper

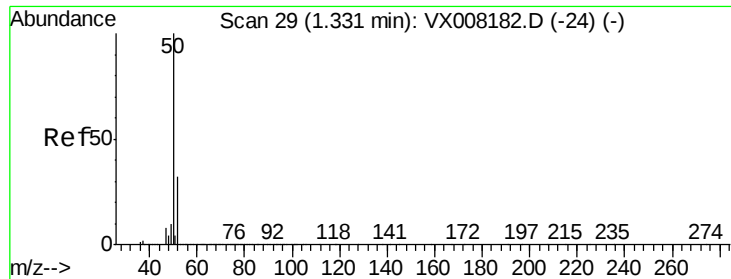
85 100

87 31.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008182.D (-3) (-)





#3

Chloromethane

Concen: 50.000 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

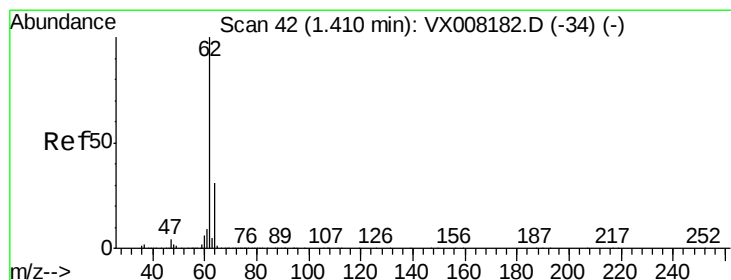
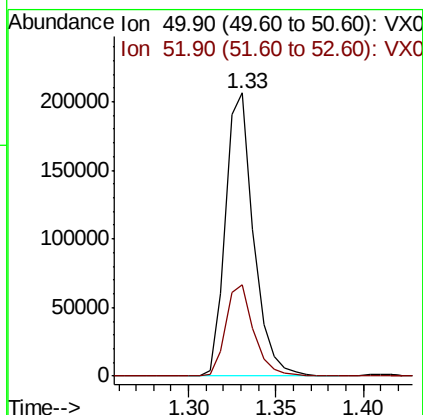
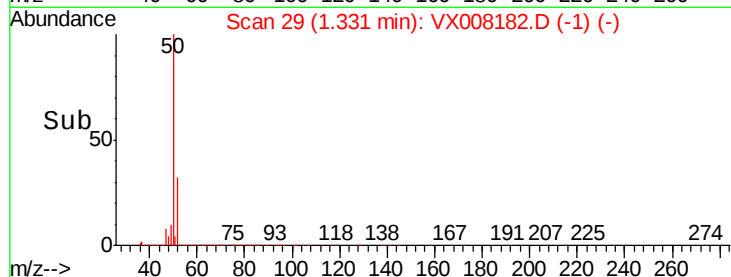
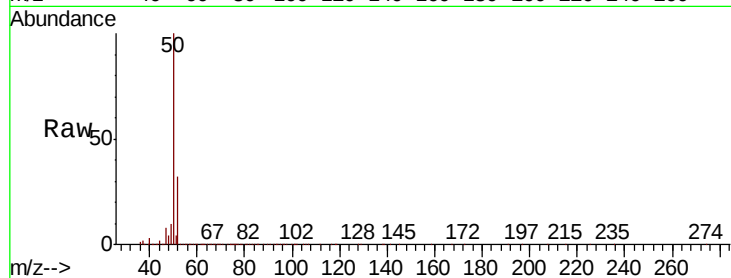
VSTDICCC050

Tgt Ion: 50 Resp: 230991

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 50.000 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008182.D

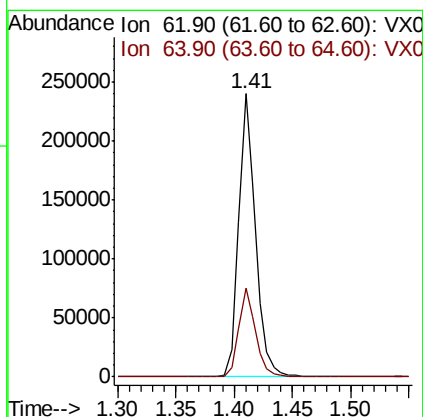
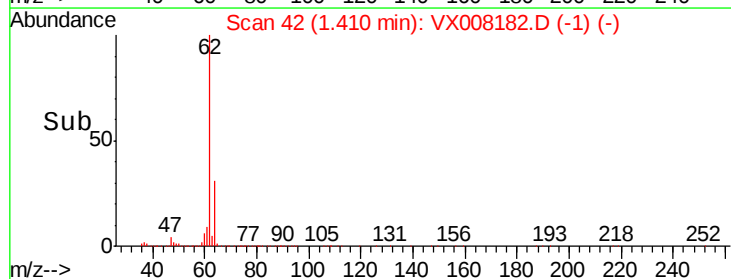
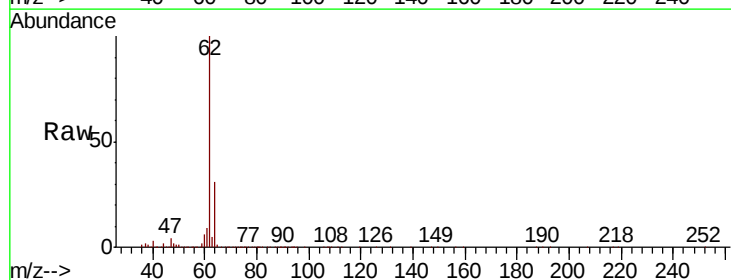
Acq: 19 Mar 2019 11:09

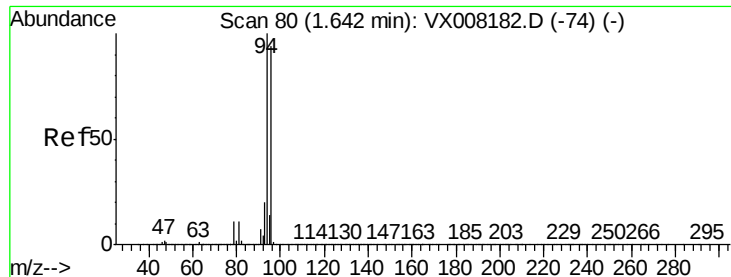
Tgt Ion: 62 Resp: 241880

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 50.000 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

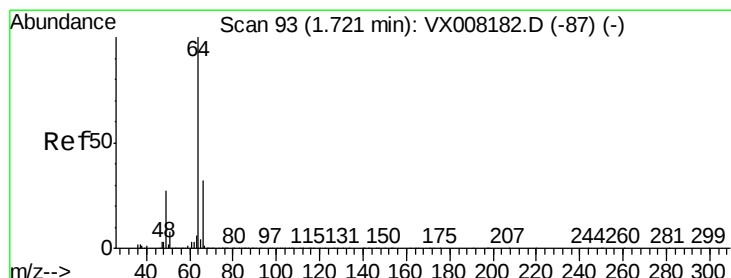
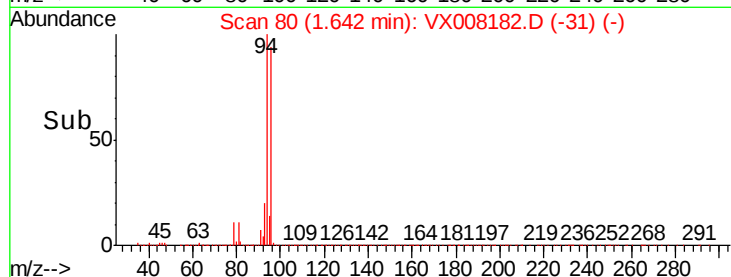
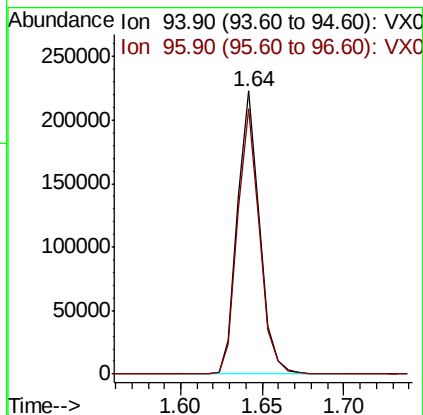
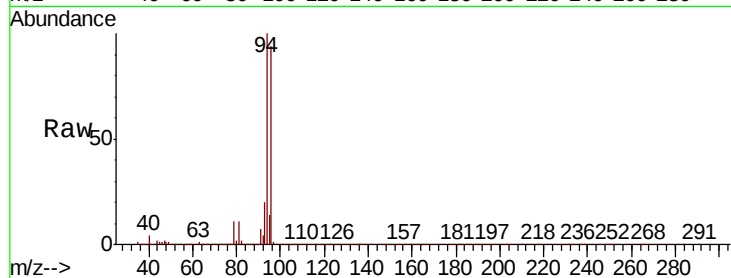
VSTDICCC050

Tgt Ion: 94 Resp: 207867

Ion Ratio Lower Upper

94 100

96 93.7 75.5 113.3



#6

Chloroethane

Concen: 50.000 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008182.D

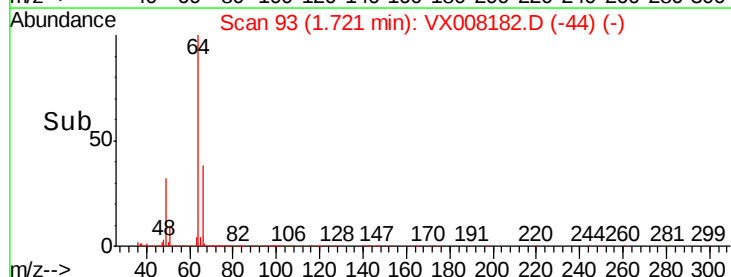
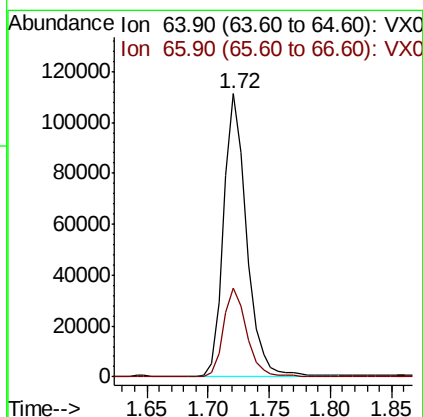
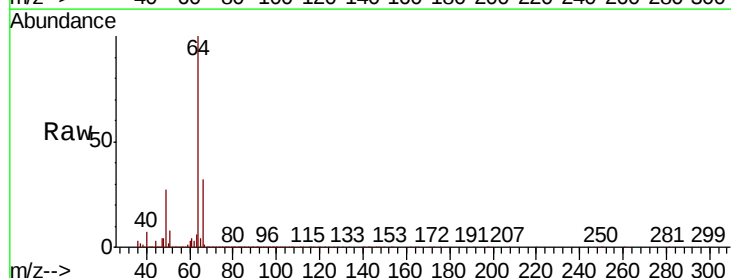
Acq: 19 Mar 2019 11:09

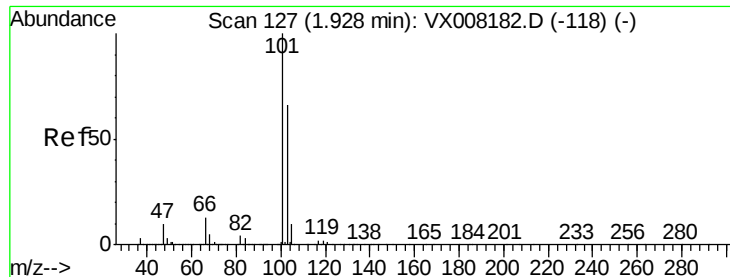
Tgt Ion: 64 Resp: 144888

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



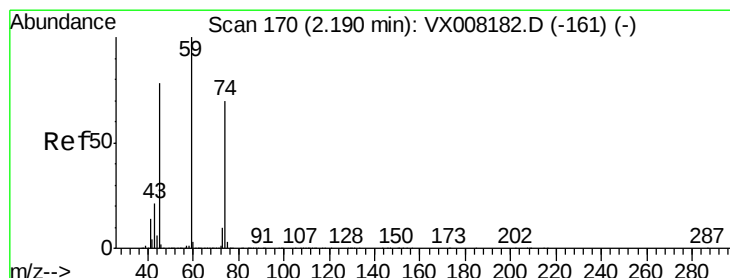
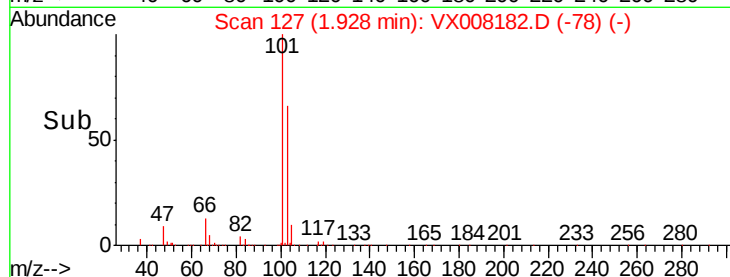
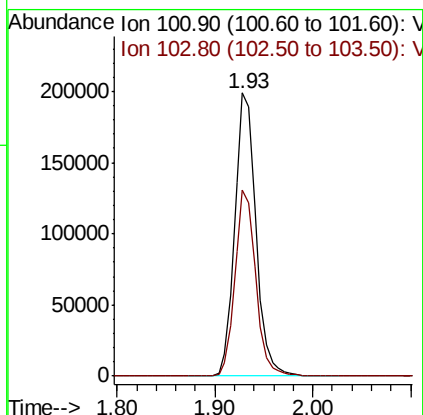
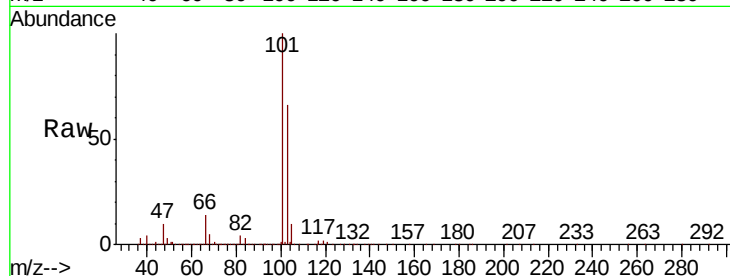


#7

Trichlorofluoromethane
 Concen: 50.000 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

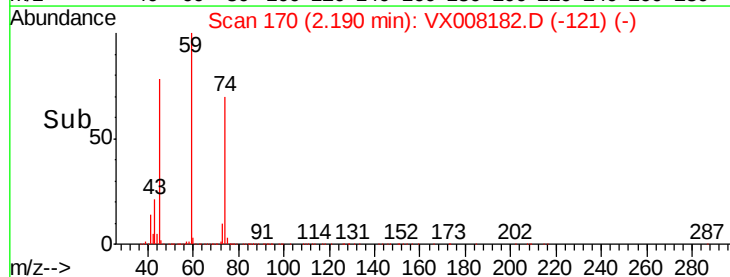
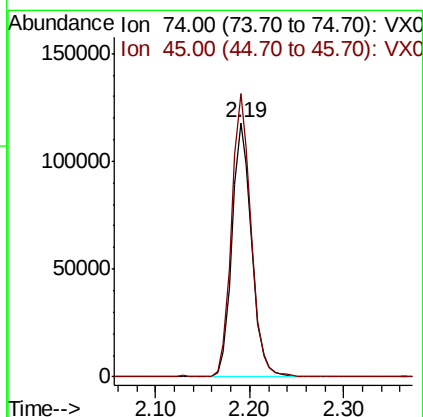
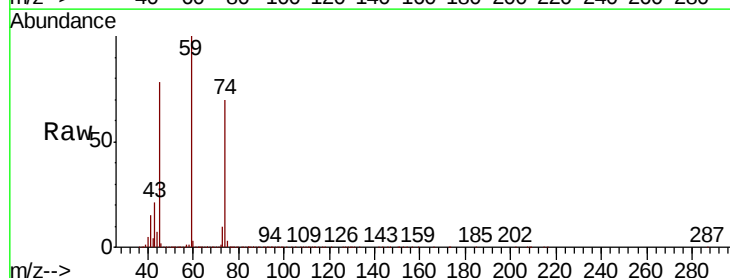
Tgt Ion:101 Resp: 298474
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.4 75.6

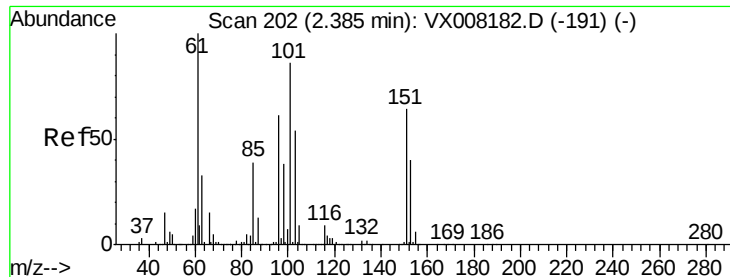


#8

Diethyl Ether
 Concen: 50.000 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion: 74 Resp: 169566
 Ion Ratio Lower Upper
 74 100
 45 110.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.000 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

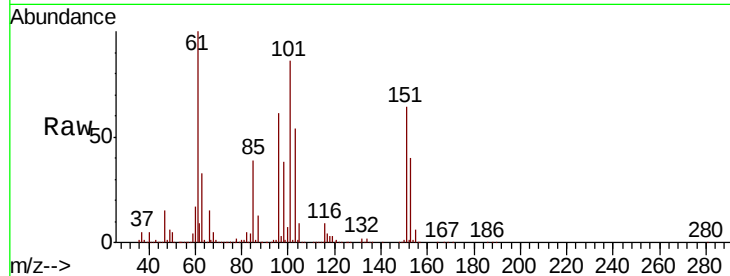
Tgt Ion:101 Resp: 213860

Ion Ratio Lower Upper

101 100

85 45.0 33.8 50.6

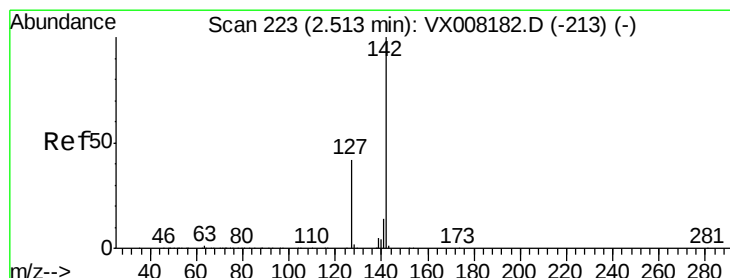
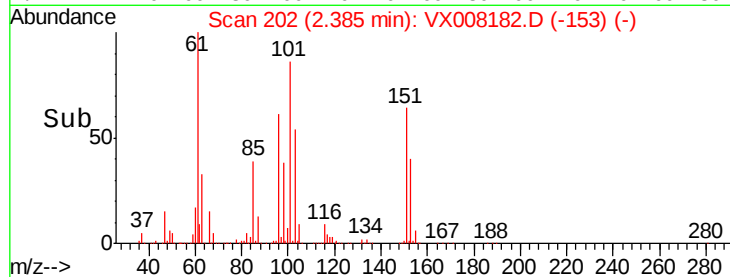
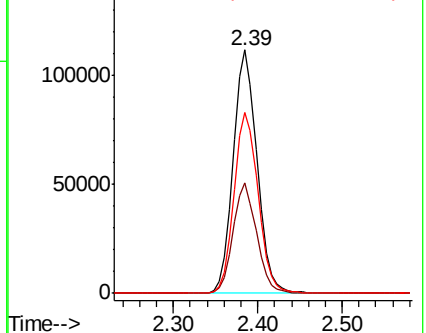
151 74.9 69.1 103.7



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: 50.000 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

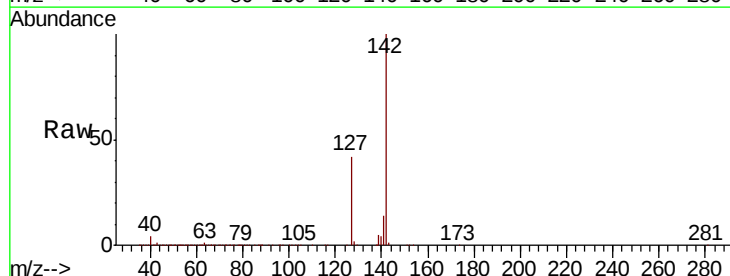
Tgt Ion:142 Resp: 283260

Ion Ratio Lower Upper

142 100

127 42.7 32.1 48.1

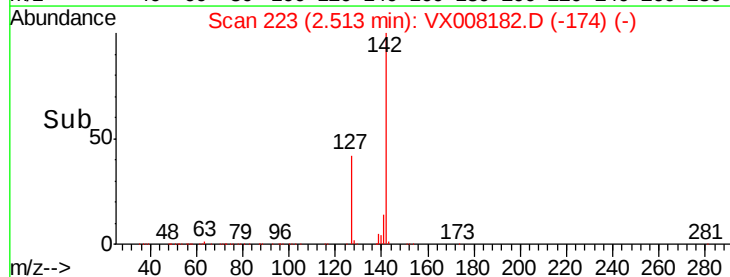
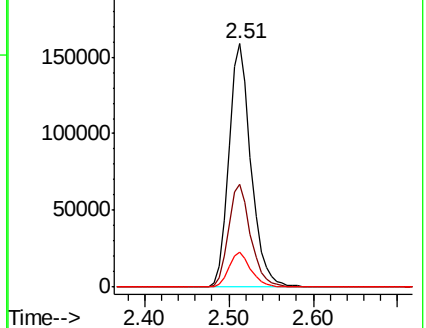
141 14.4 11.4 17.2

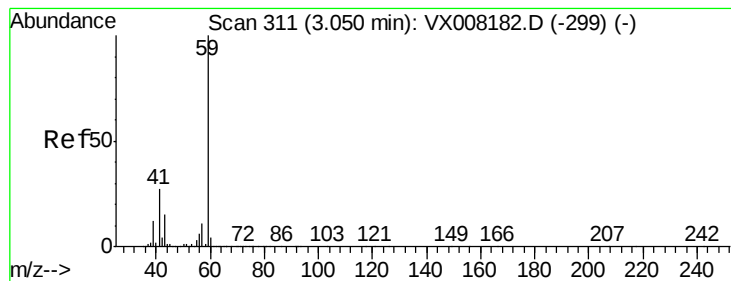


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



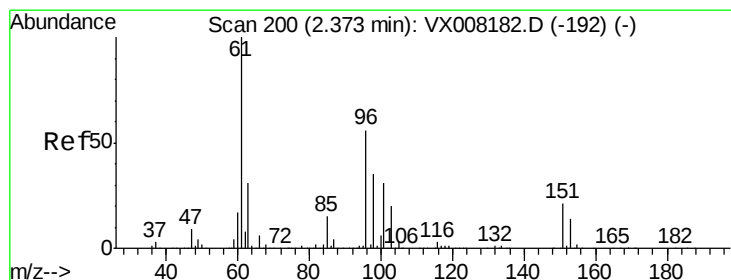
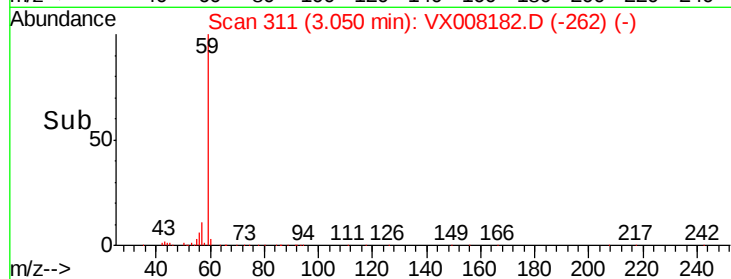
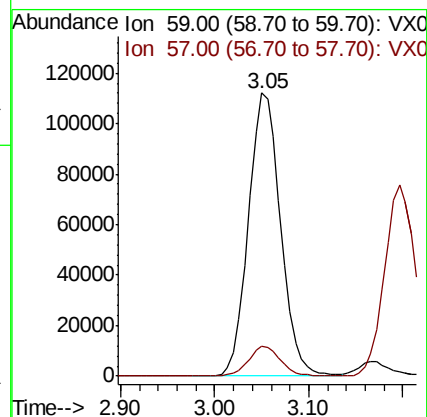
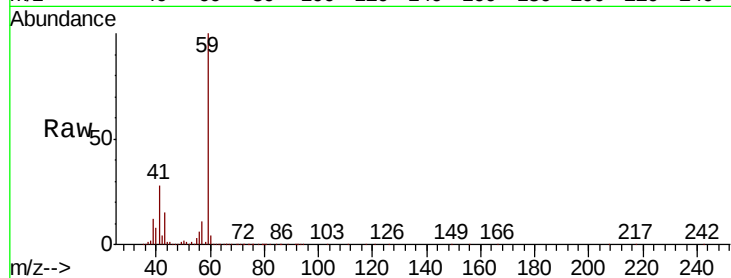


#11

Tert butyl alcohol
 Concen: 250.000 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

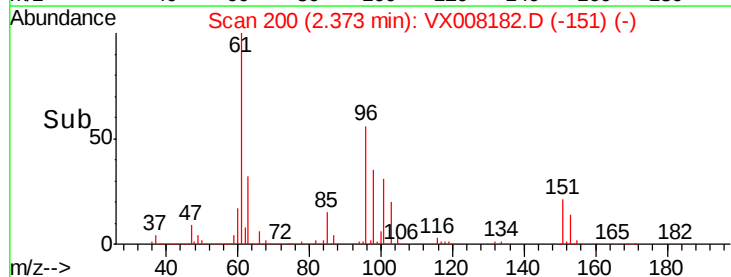
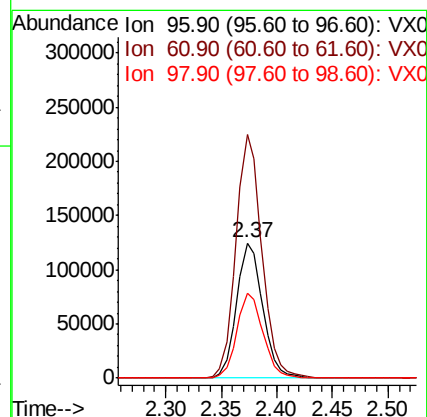
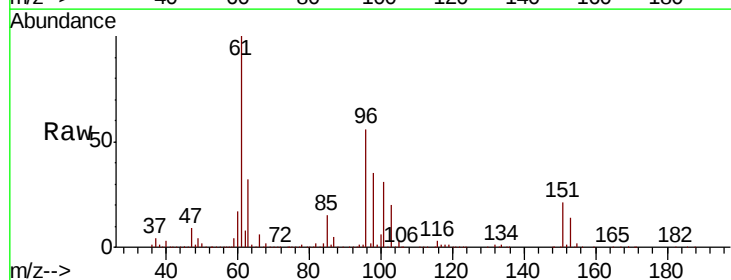
Tgt Ion: 59 Resp: 268539
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

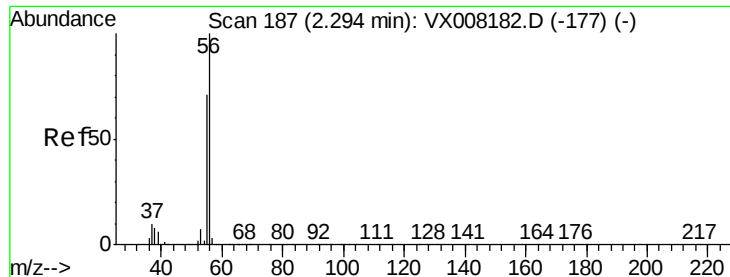


#12

1,1-Dichloroethene
 Concen: 50.000 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion: 96 Resp: 202733
 Ion Ratio Lower Upper
 96 100
 61 180.0 129.8 194.6
 98 62.5 51.0 76.6

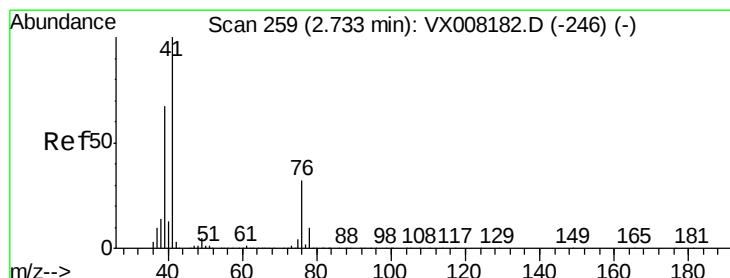
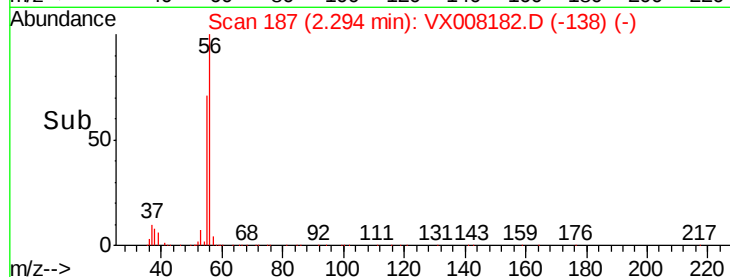
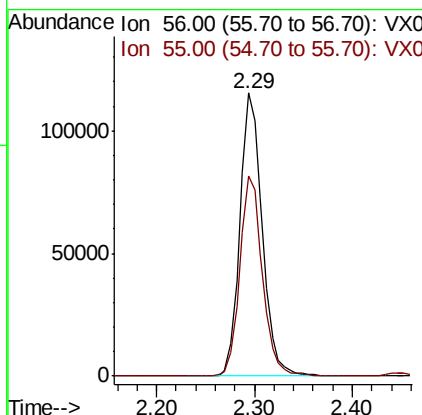
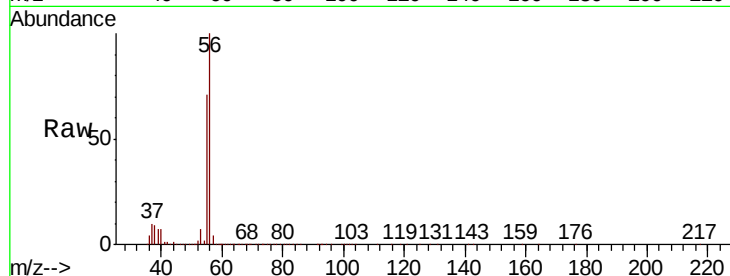




#13
Acrolein
Concen: 250.000 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

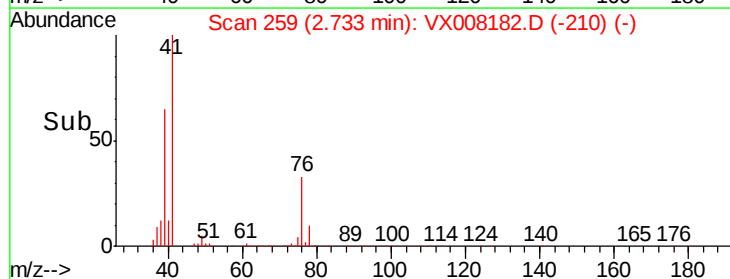
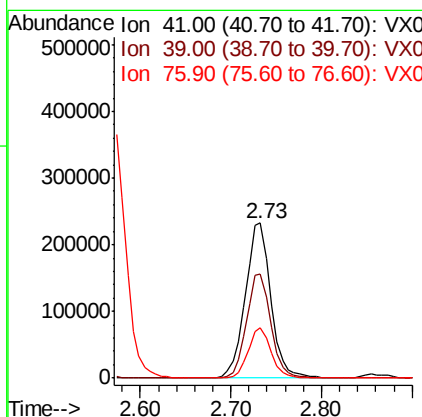
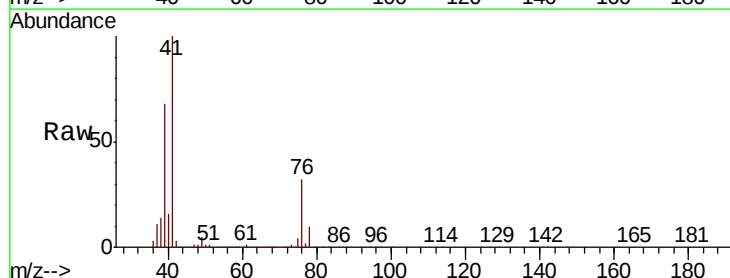
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

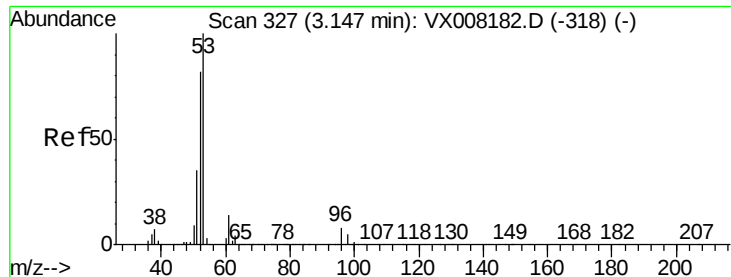
Tgt Ion: 56 Resp: 182116
Ion Ratio Lower Upper
56 100
55 71.1 57.8 86.6



#14
Allyl chloride
Concen: 50.000 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion: 41 Resp: 451595
Ion Ratio Lower Upper
41 100
39 64.4 46.1 69.1
76 29.5 24.0 36.0

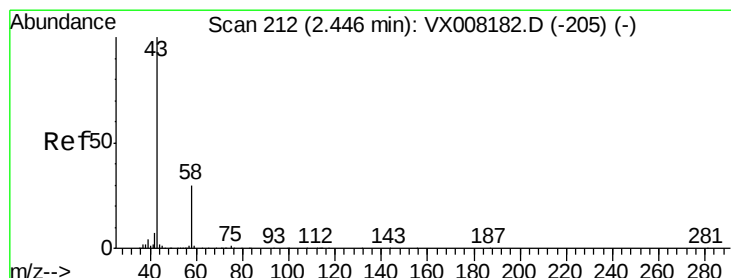
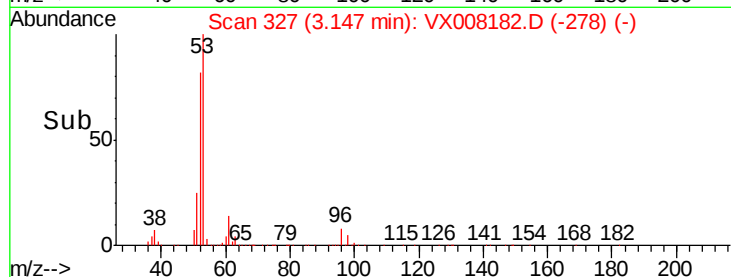
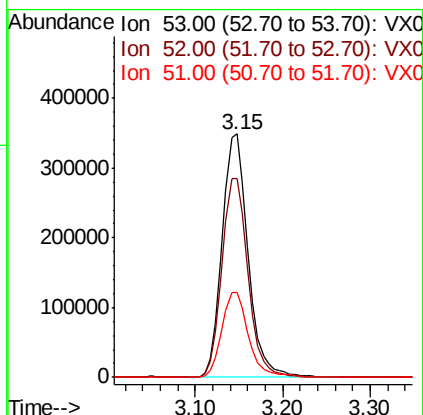
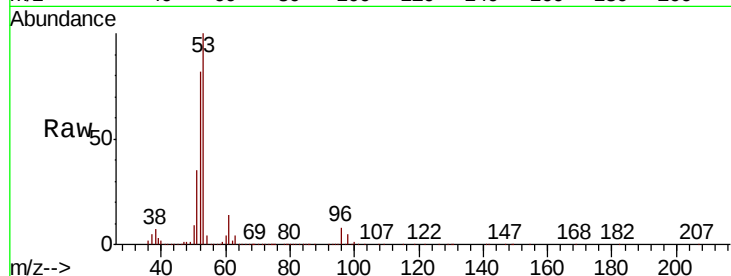




#15
Acrylonitrile
Concen: 250.000 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

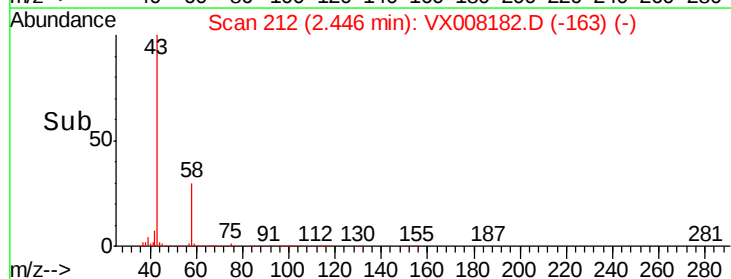
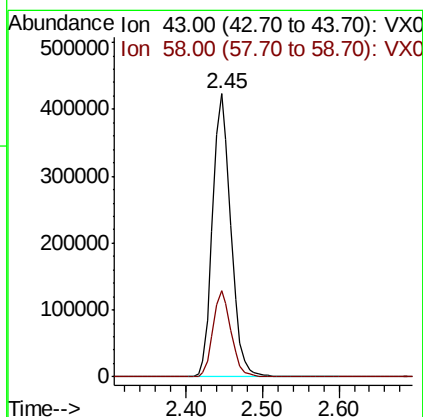
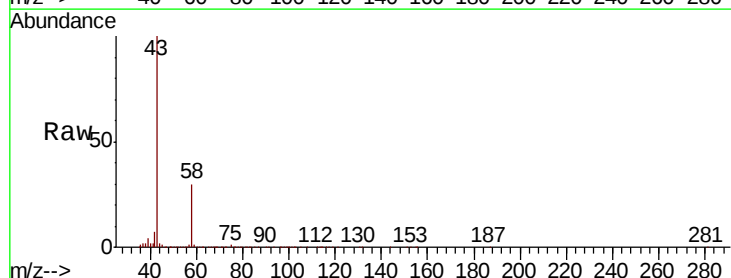
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

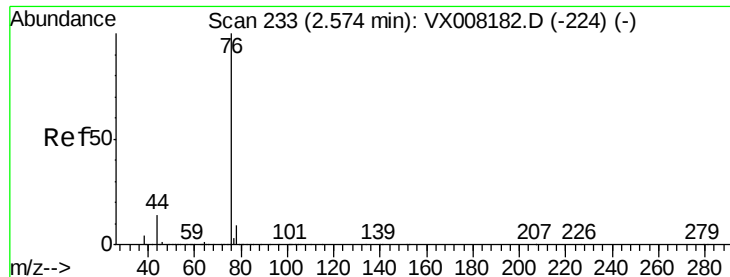
Tgt Ion: 53 Resp: 716661
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 36.0 28.0 42.0



#16
Acetone
Concen: 250.000 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion: 43 Resp: 699211
Ion Ratio Lower Upper
43 100
58 30.3 25.5 38.3





#17

Carbon Disulfide

Concen: 50.000 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

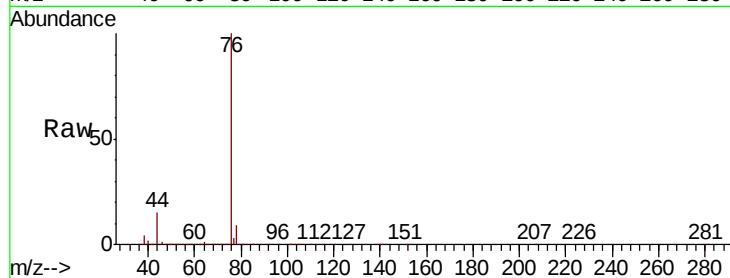
VSTDICCC050

Tgt Ion: 76 Resp: 632548

Ion Ratio Lower Upper

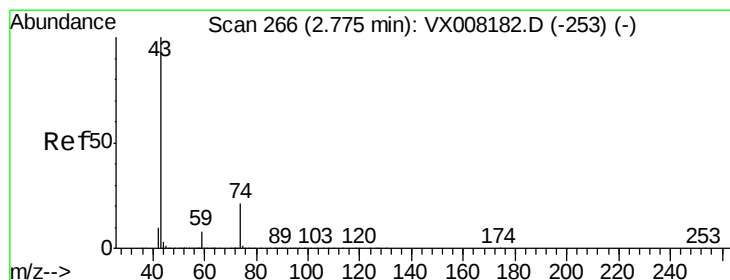
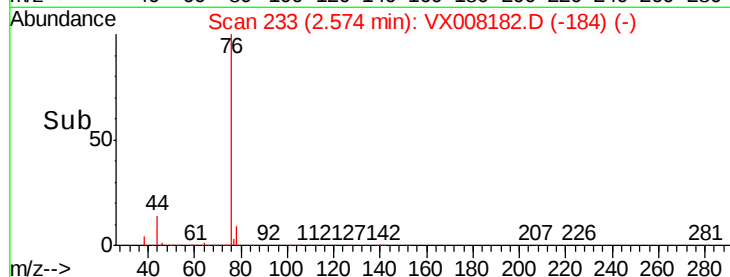
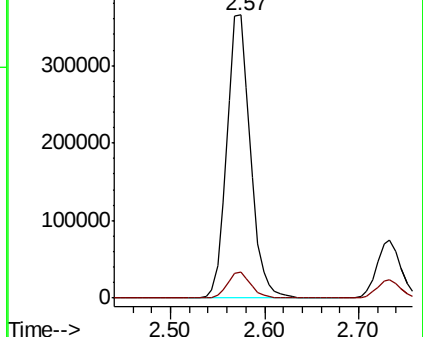
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.000 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008182.D

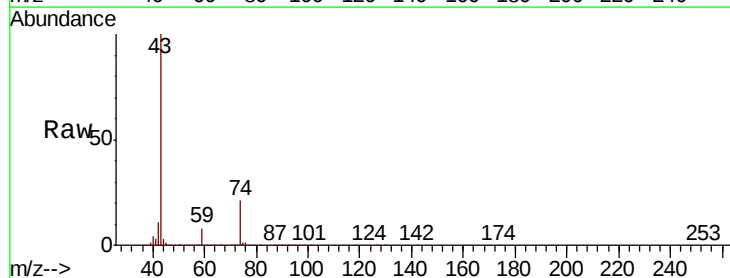
Acq: 19 Mar 2019 11:09

Tgt Ion: 43 Resp: 341637

Ion Ratio Lower Upper

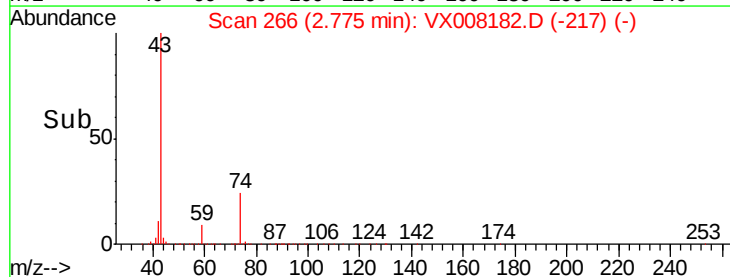
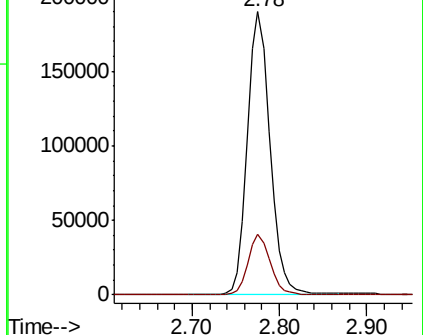
43 100

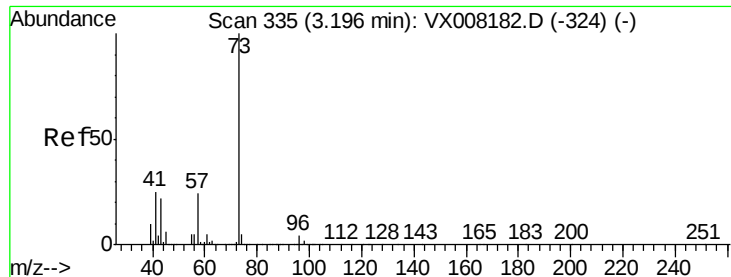
74 21.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



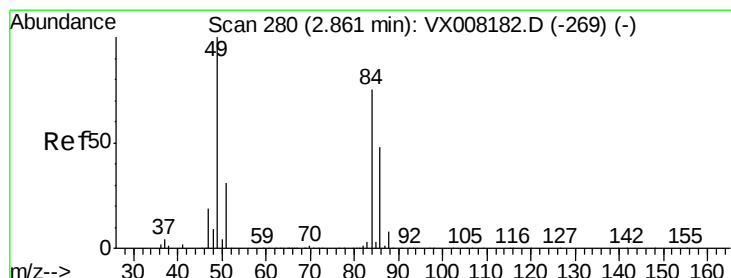
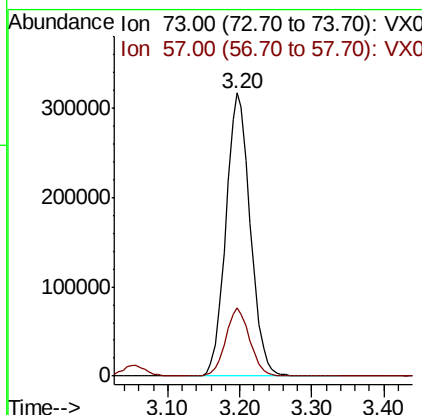
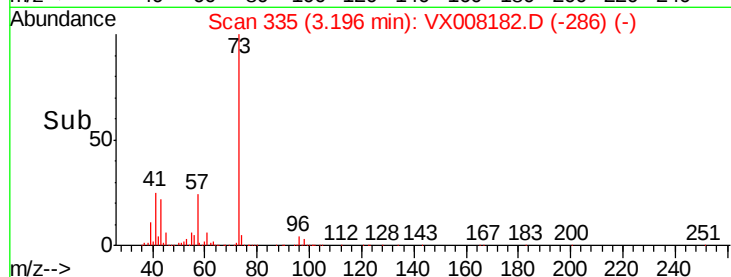
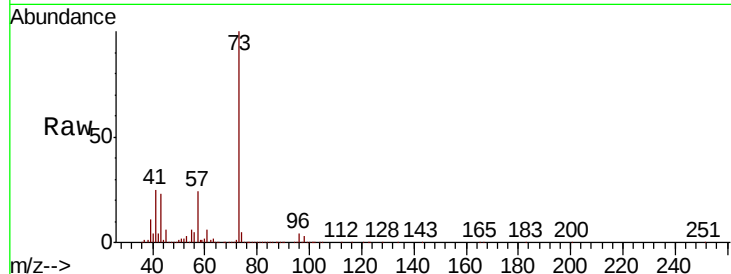


#19

Methyl tert-butyl Ether
Concen: 50.000 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

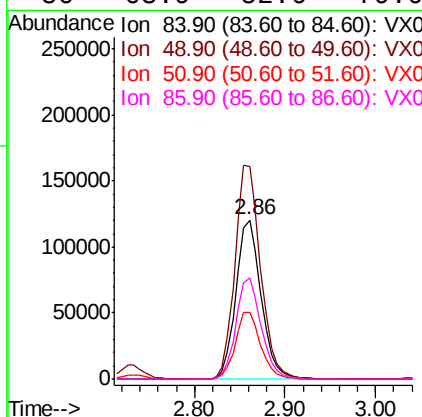
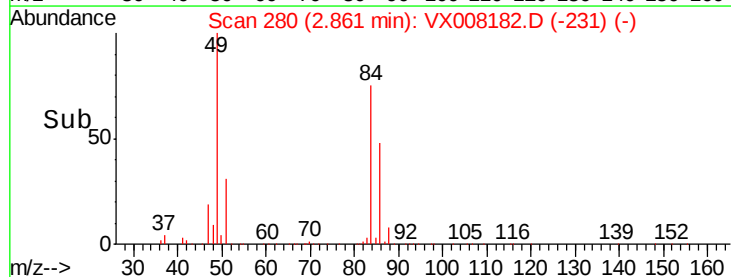
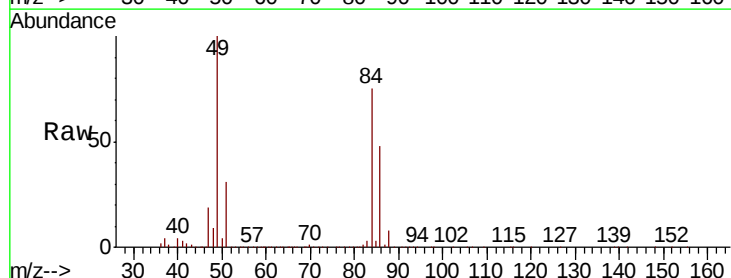
Tgt Ion: 73 Resp: 743652
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.4

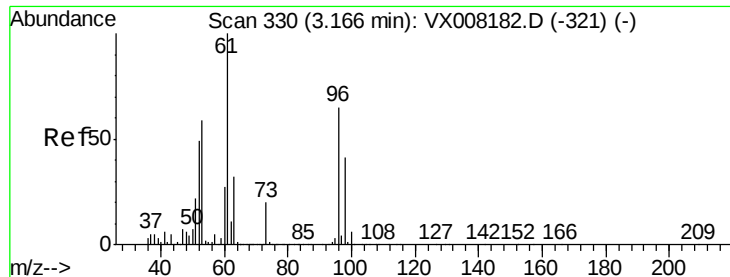


#20

Methylene Chloride
Concen: 50.000 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion: 84 Resp: 231639
Ion Ratio Lower Upper
84 100
49 133.9 99.3 148.9
51 41.5 31.3 46.9
86 63.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 50.000 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

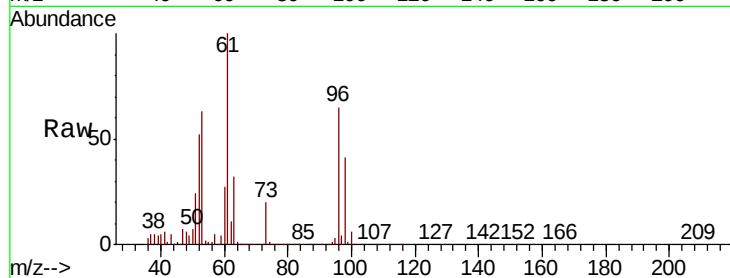
Tgt Ion: 96 Resp: 214885

Ion Ratio Lower Upper

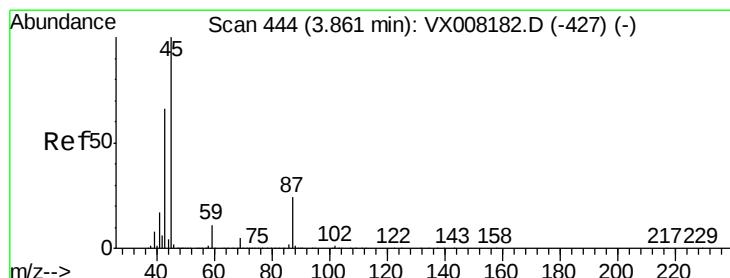
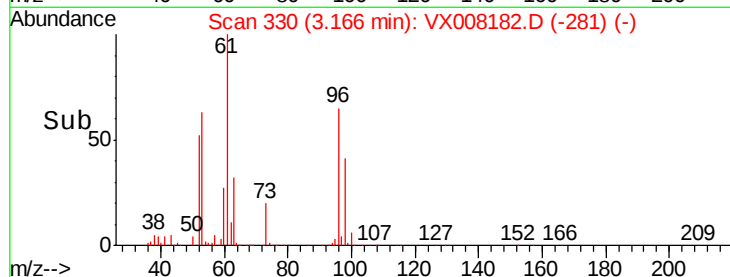
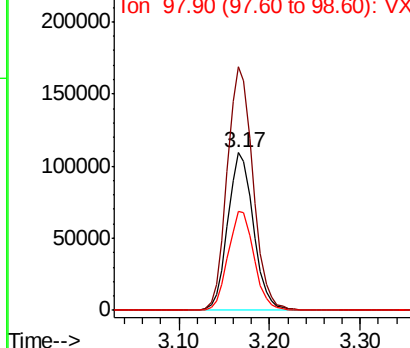
96 100

61 154.6 114.4 171.6

98 62.8 51.1 76.7



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: 50.000 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Tgt Ion: 45 Resp: 886588

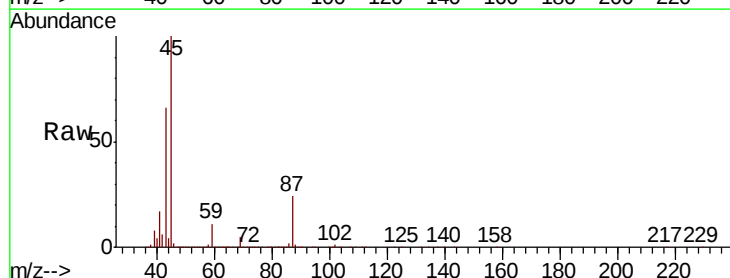
Ion Ratio Lower Upper

45 100

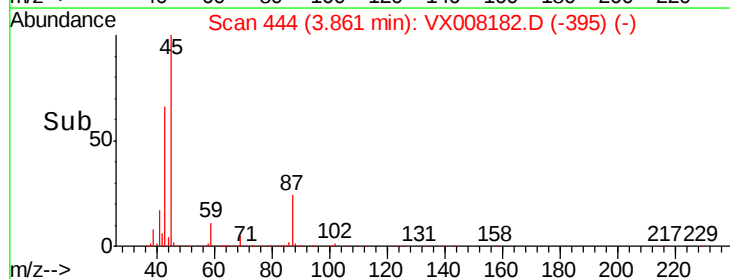
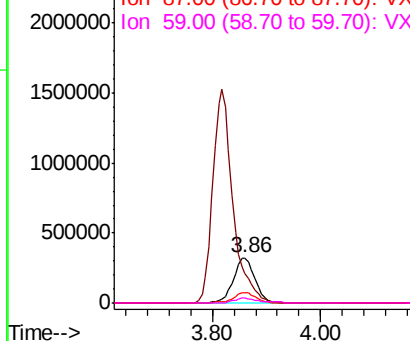
43 65.7 45.3 67.9

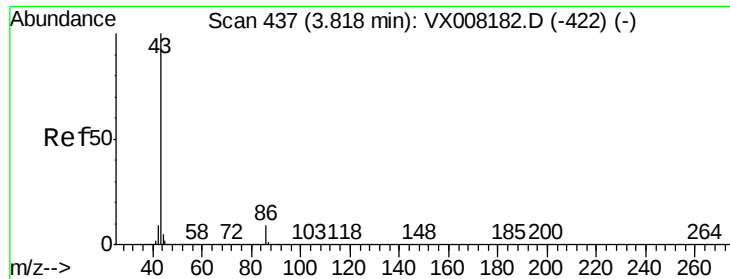
87 24.1 21.4 32.0

59 10.8 9.5 14.3



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: 250.000 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

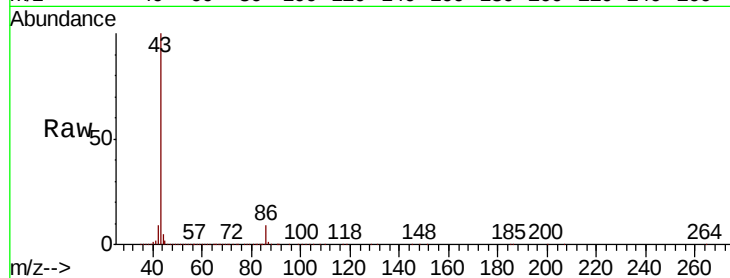
VSTDICCC050

Tgt Ion: 43 Resp: 3908844

Ion Ratio Lower Upper

43 100

86 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

1000000

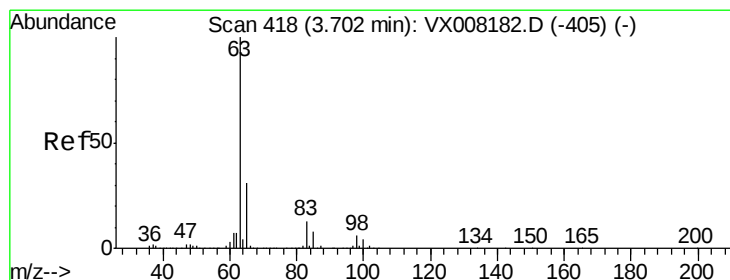
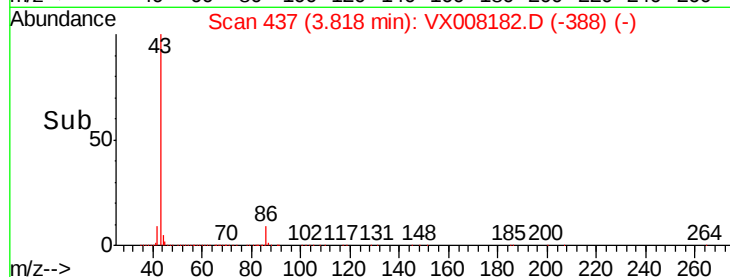
500000

0

3.82

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.000 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

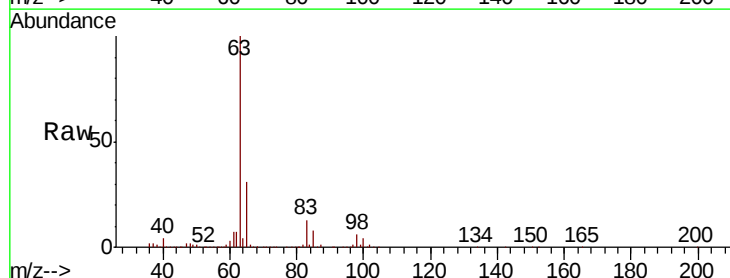
Tgt Ion: 63 Resp: 446240

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 3.8 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

100000

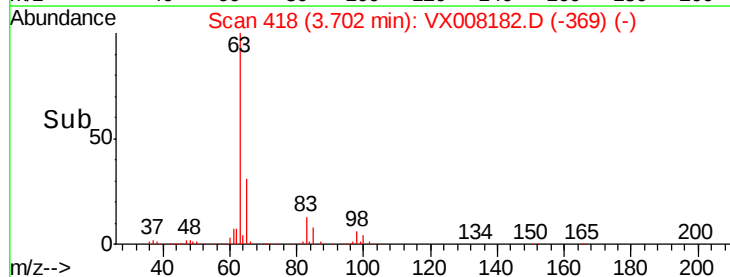
50000

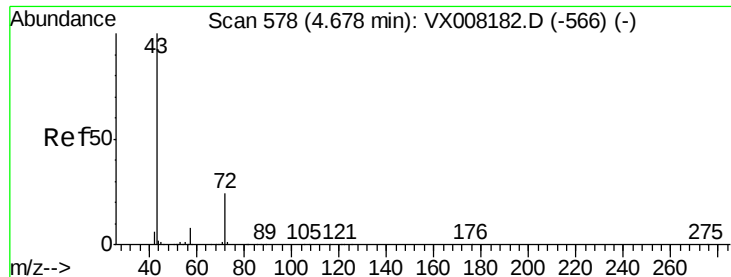
0

3.70

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 249.960 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

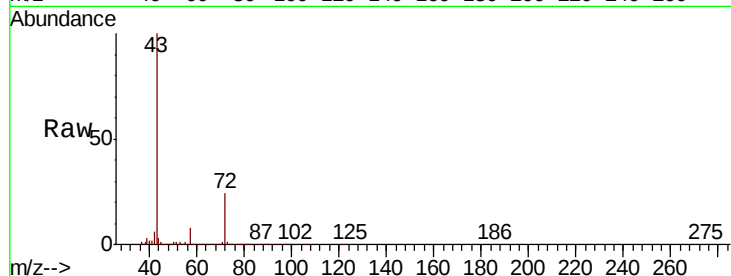
VSTDICCC050

Tgt Ion: 43 Resp: 1073269

Ion Ratio Lower Upper

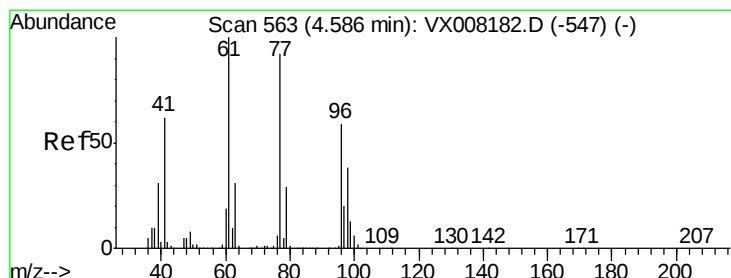
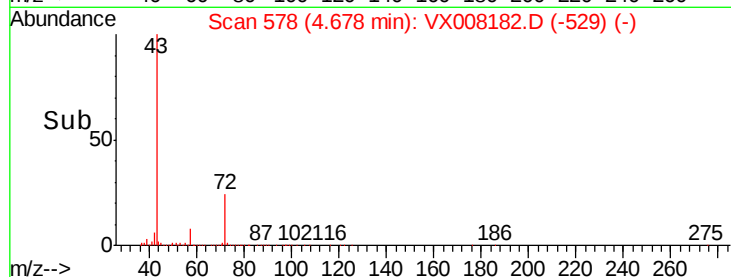
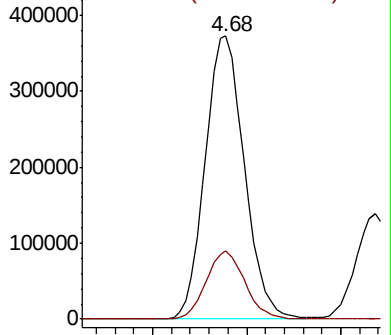
43 100

72 23.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.000 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008182.D

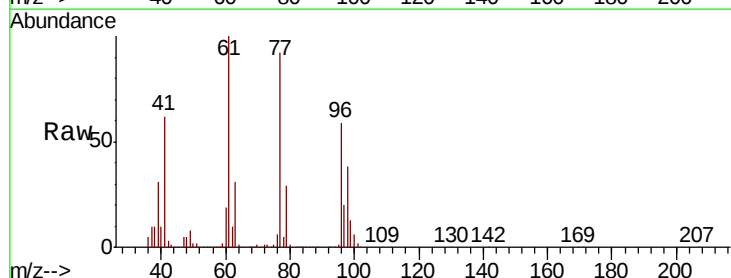
Acq: 19 Mar 2019 11:09

Tgt Ion: 77 Resp: 339704

Ion Ratio Lower Upper

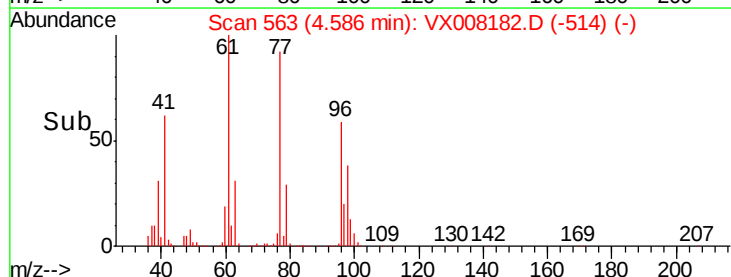
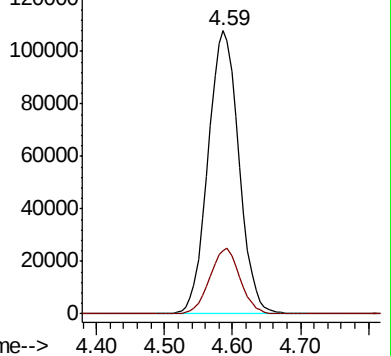
77 100

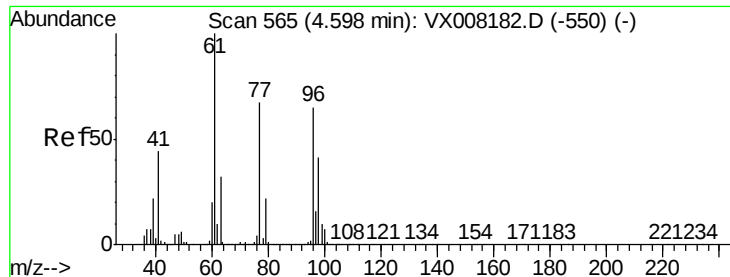
97 22.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



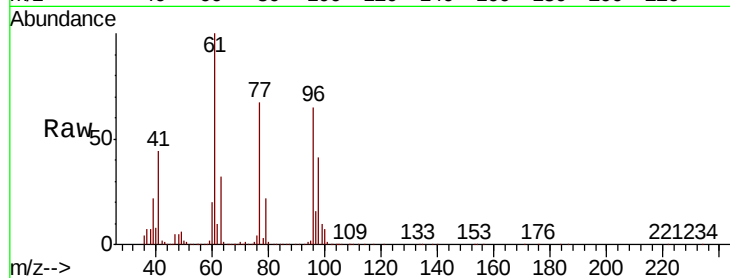


#27

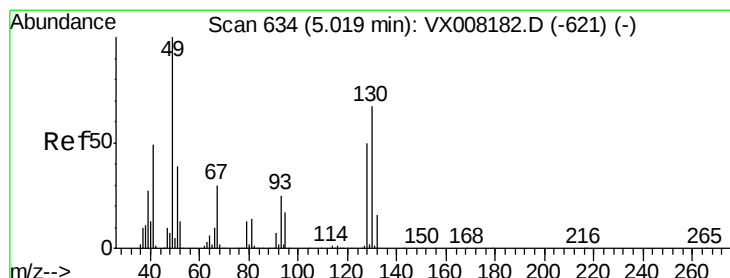
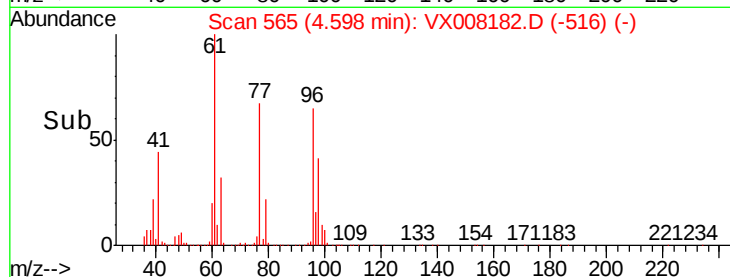
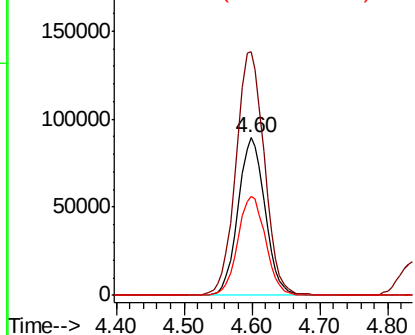
cis-1,2-Dichloroethene
Concen: 50.000 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.7	0.0	288.0
98	64.6	0.0	129.0



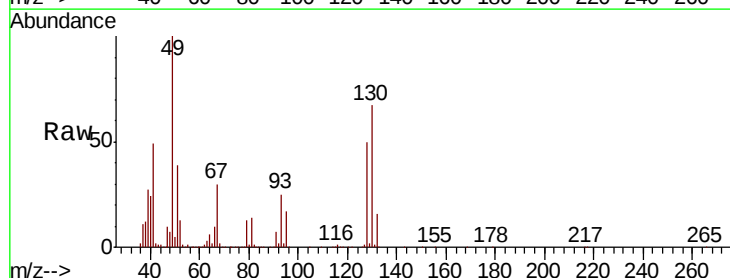
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



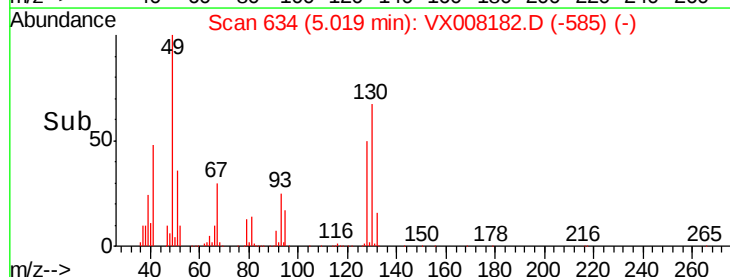
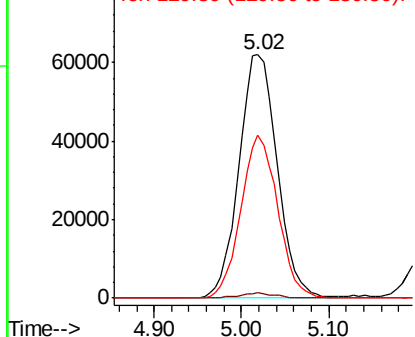
#28

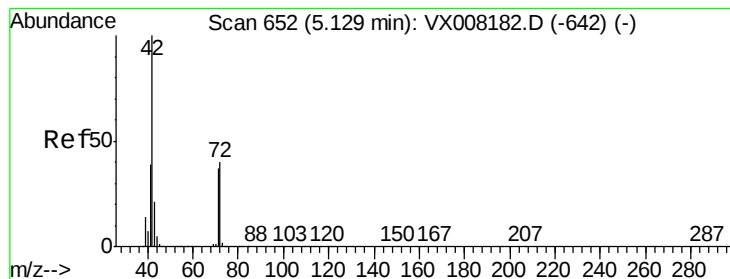
Bromochloromethane
Concen: 50.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	65.0	65.0	97.4



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





#29

Tetrahydrofuran

Concen: 250.000 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

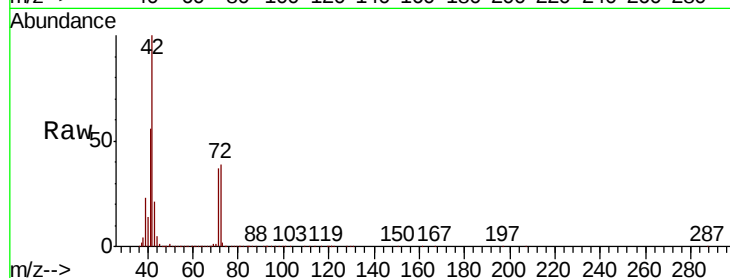
Tgt Ion: 42 Resp: 691638

Ion Ratio Lower Upper

42 100

72 39.5 33.8 50.6

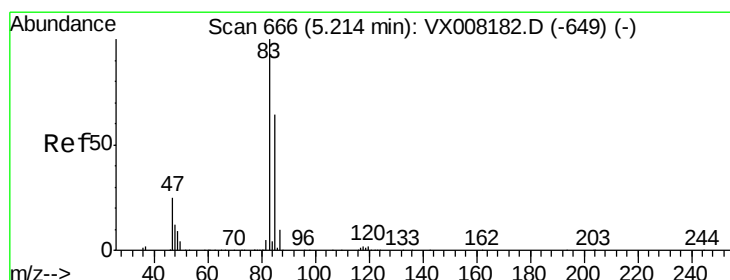
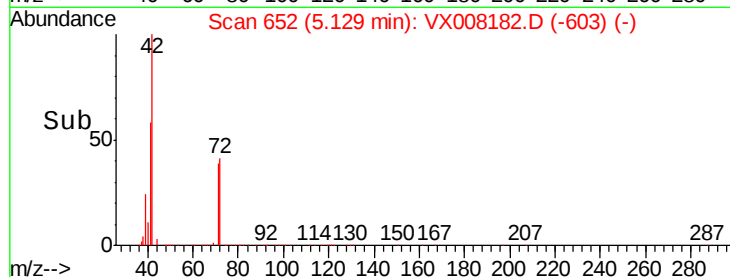
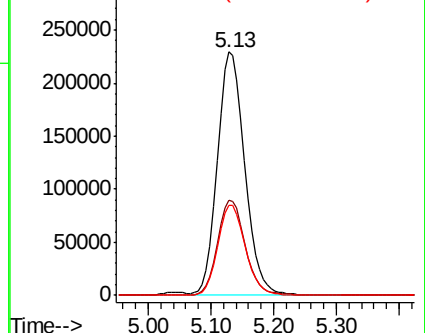
71 37.3 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.000 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008182.D

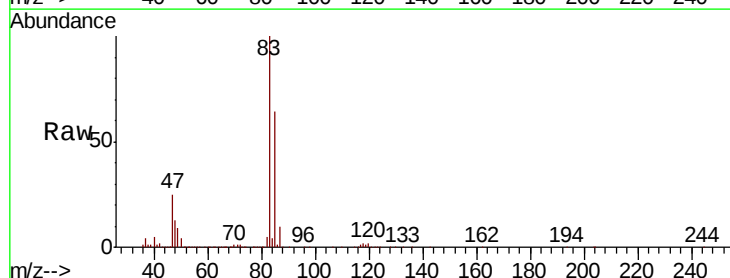
Acq: 19 Mar 2019 11:09

Tgt Ion: 83 Resp: 419118

Ion Ratio Lower Upper

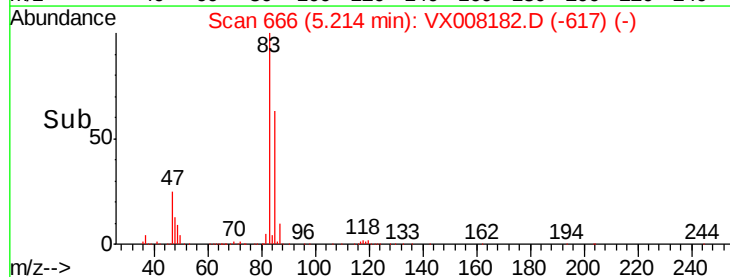
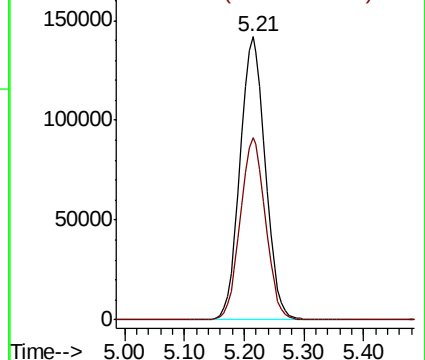
83 100

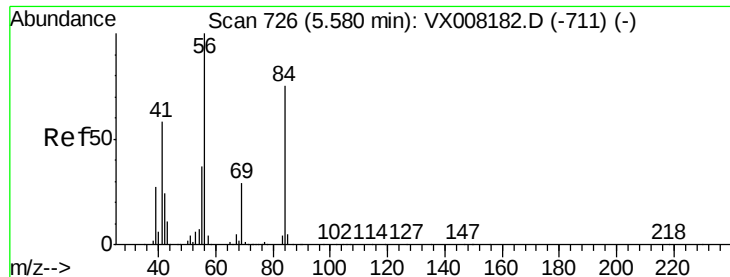
85 64.5 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

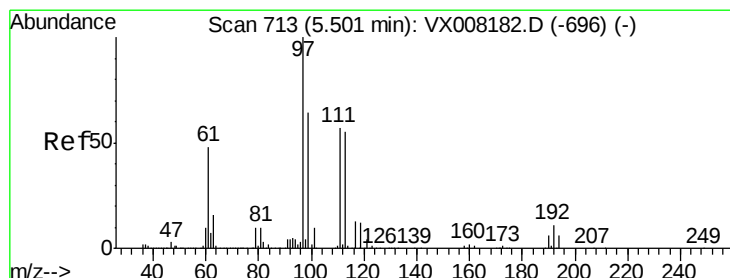
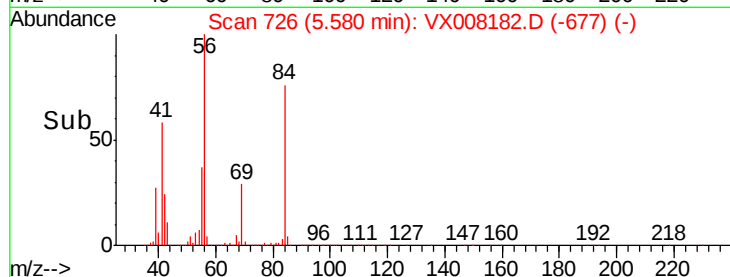
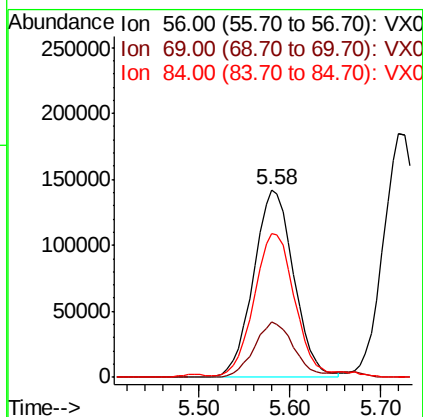
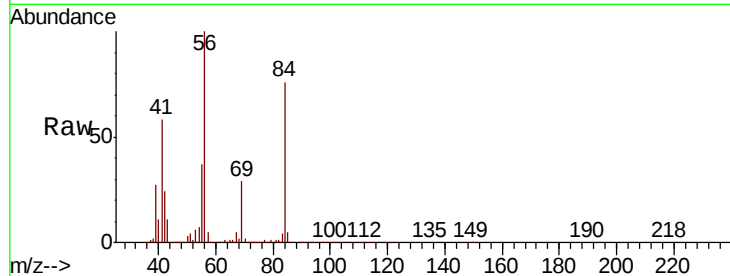




#31
Cyclohexane
Concen: 50.000 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

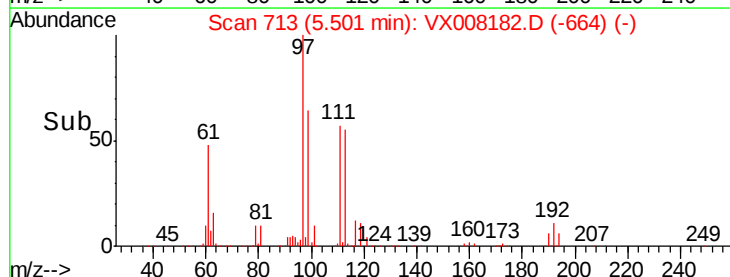
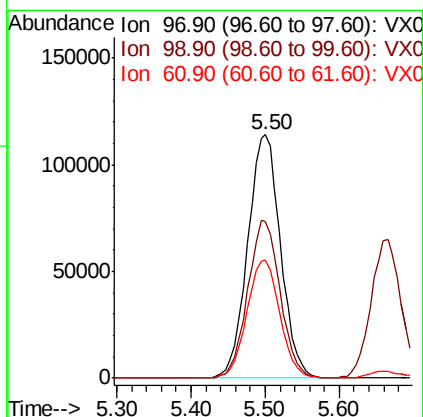
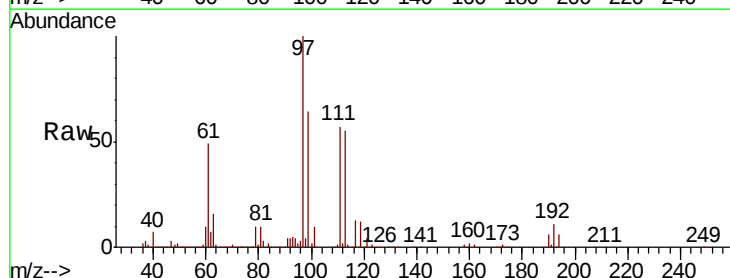
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

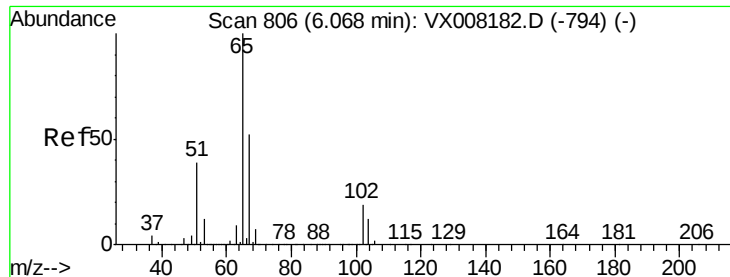
Tgt Ion: 56 Resp: 436017
Ion Ratio Lower Upper
56 100
69 29.4 24.0 36.0
84 75.2 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 50.000 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion: 97 Resp: 352063
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 48.8 34.9 52.3

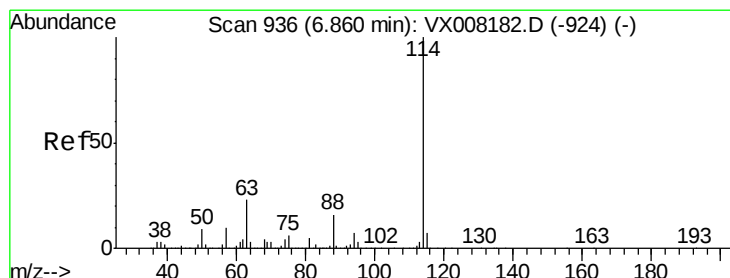
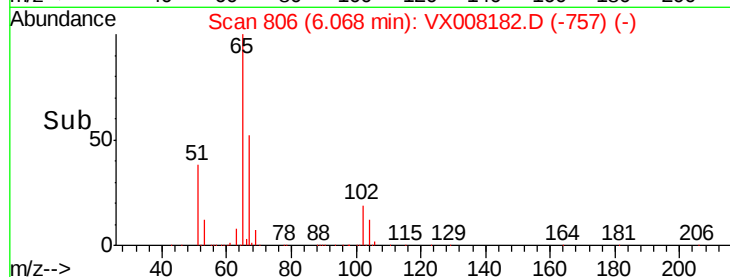
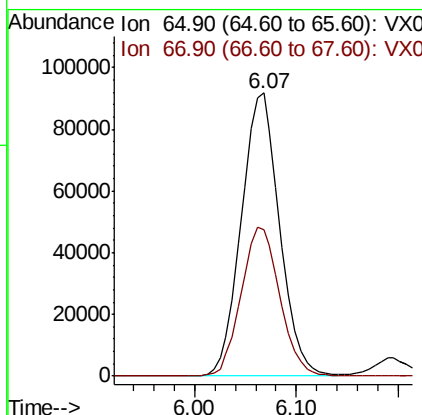
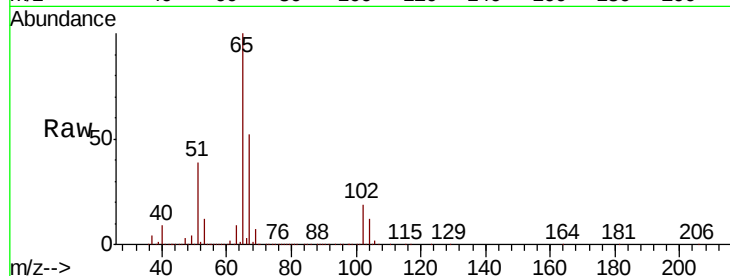




#33
 1,2-Dichloroethane-d4
 Concen: 50.000 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

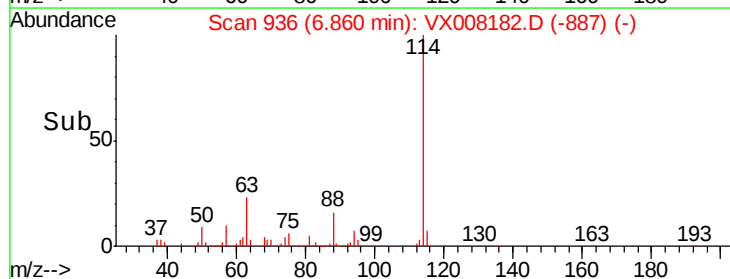
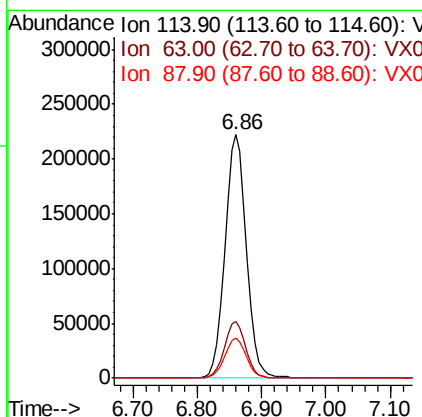
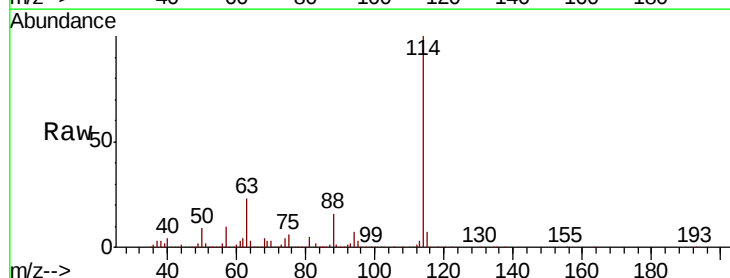
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

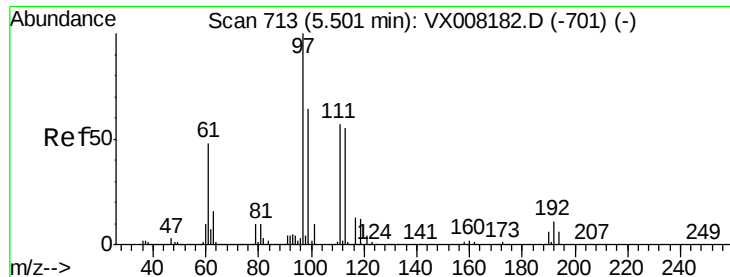
Tgt Ion: 65 Resp: 238578
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion: 114 Resp: 519120
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 39.8
 88 16.3 0.0 31.4

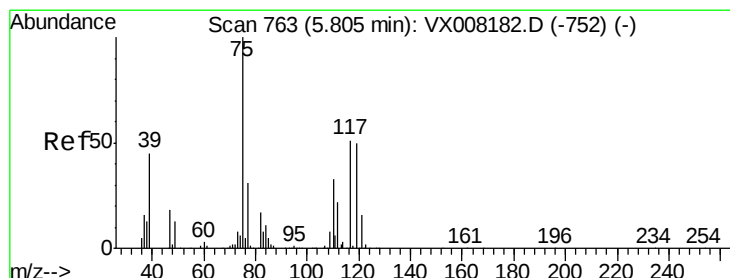
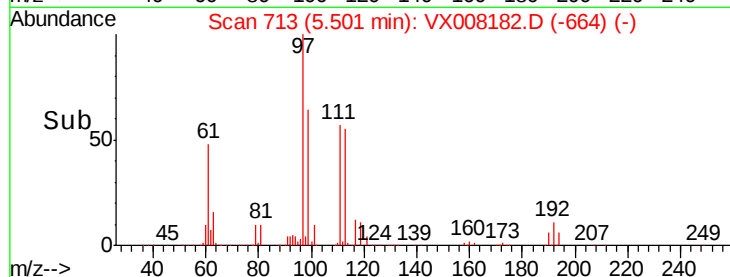
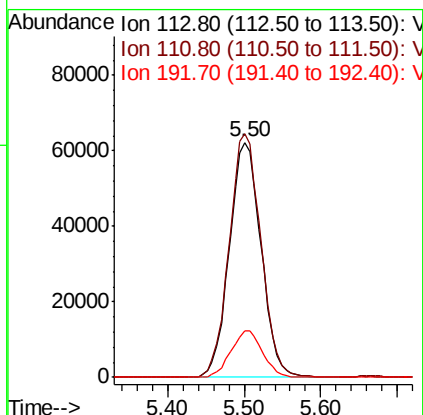
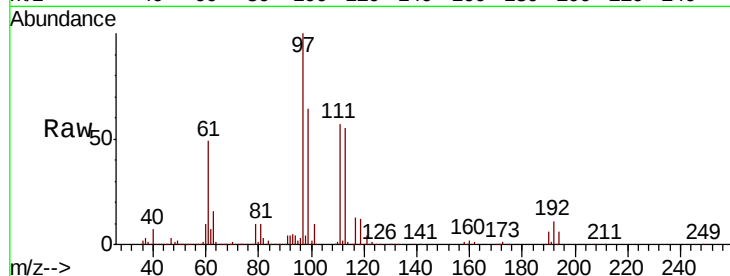




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

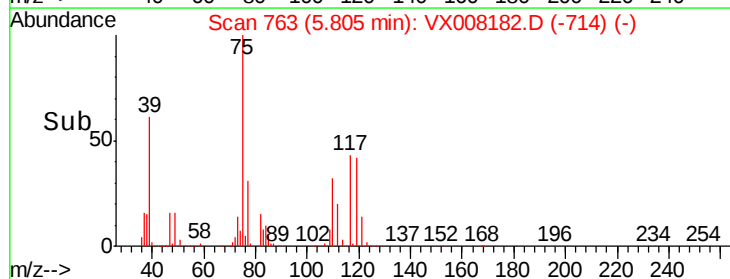
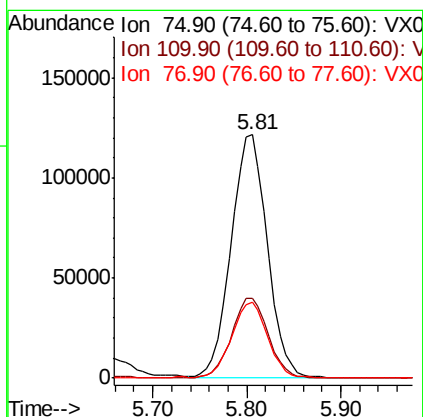
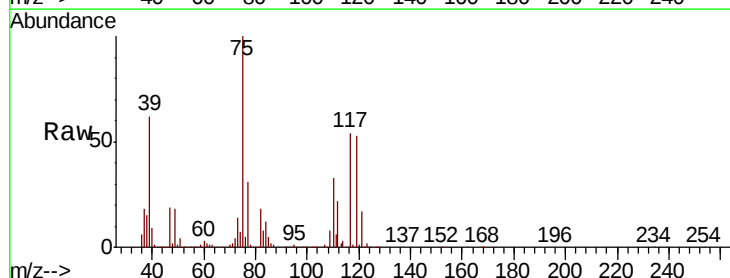
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

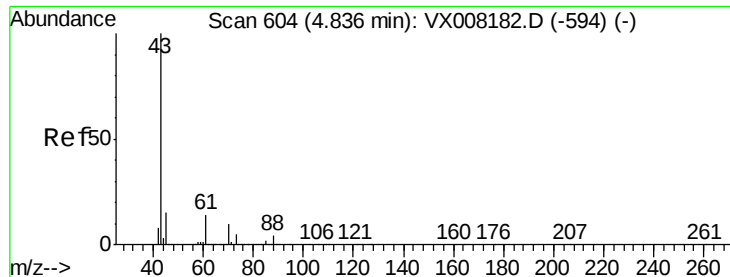
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	20.0	19.4	29.0



#36
 1,1-Dichloropropene
 Concen: 50.000 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	18.4	55.0
77	31.1	25.0	37.4

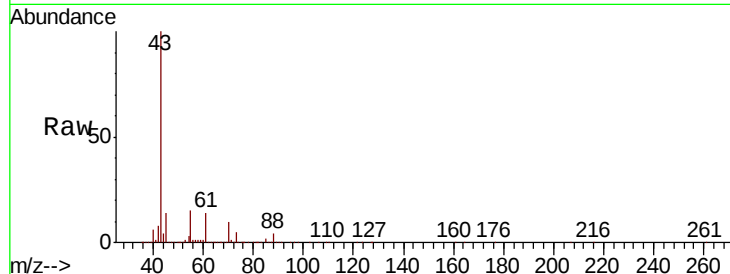




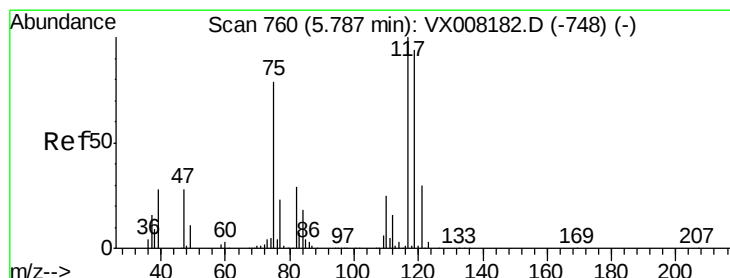
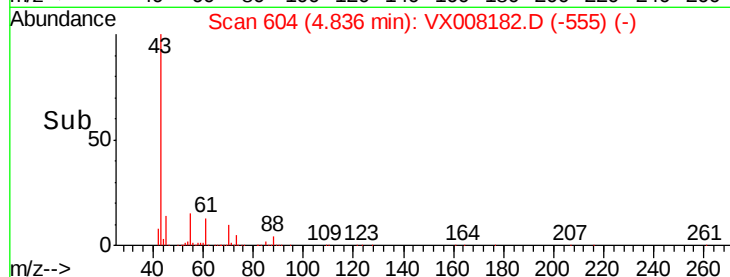
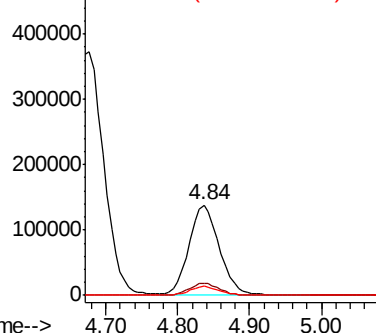
#37
Ethyl Acetate
Concen: 50.000 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.3	16.9
70	9.4	8.5	12.7

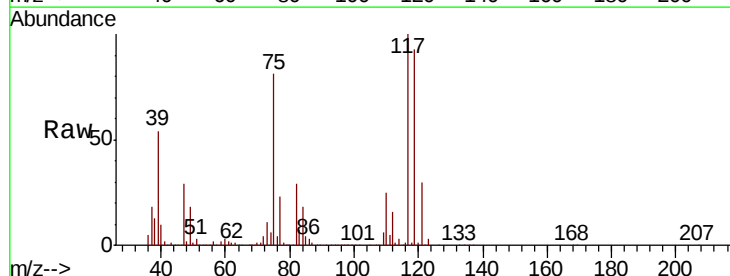


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

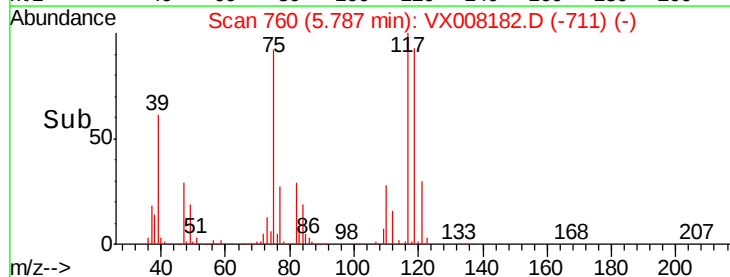
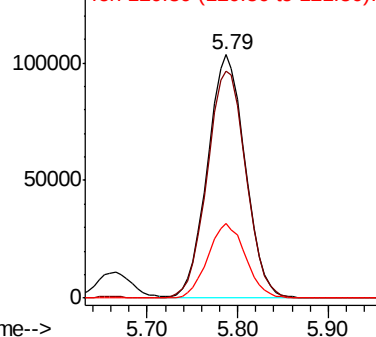


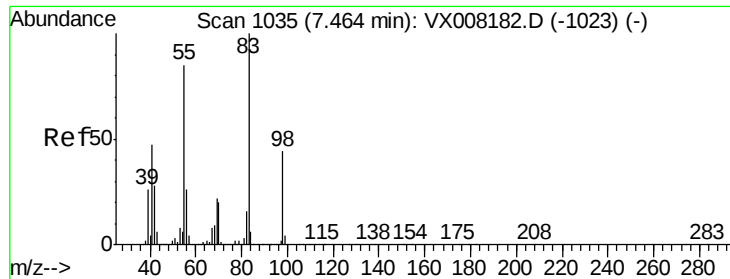
#38
Carbon Tetrachloride
Concen: 50.000 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.2	114.2
121	30.4	24.6	36.8



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

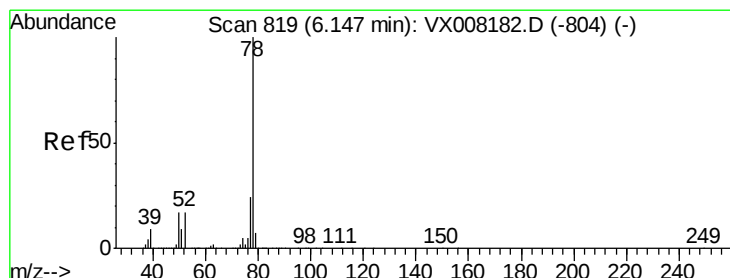
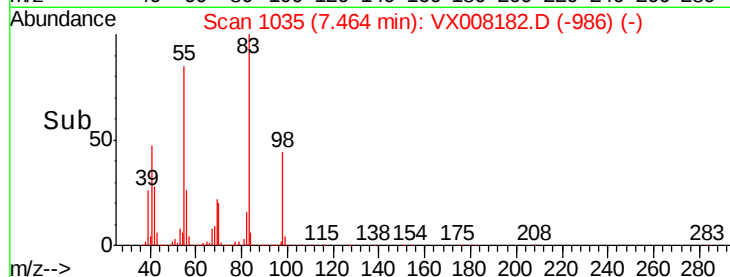
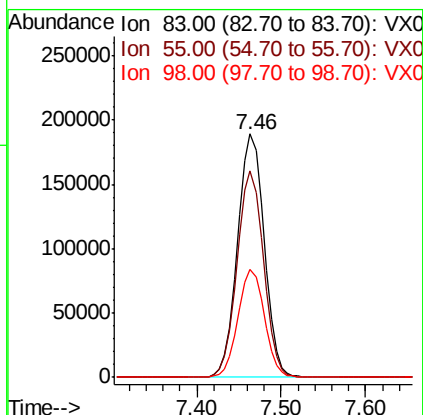
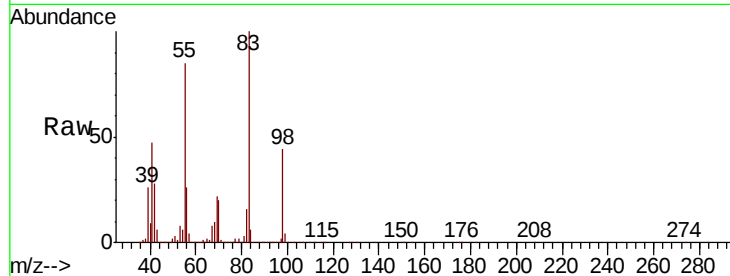




#39
Methylcyclohexane
Concen: 50.000 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

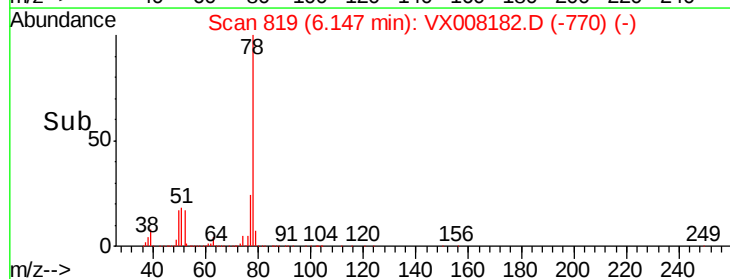
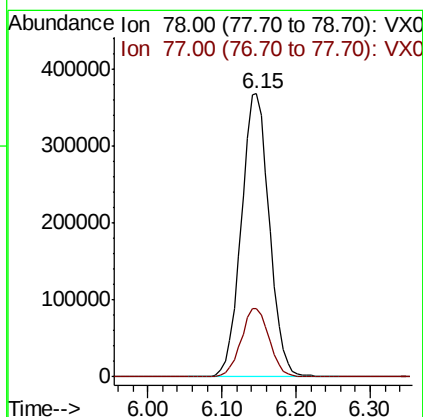
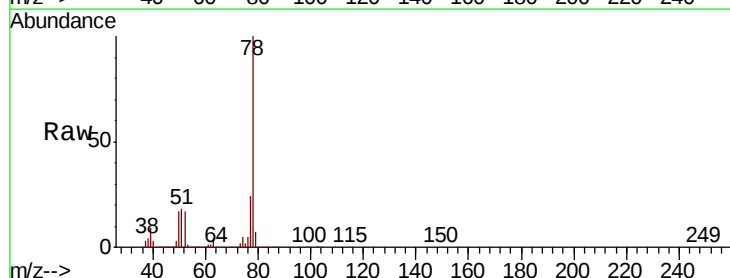
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

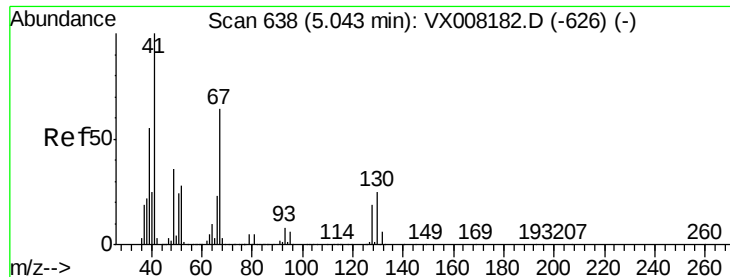
Tgt Ion: 83 Resp: 401331
Ion Ratio Lower Upper
83 100
55 84.9 60.4 90.6
98 44.4 36.5 54.7



#40
Benzene
Concen: 50.000 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion: 78 Resp: 972599
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 50.000 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 226376

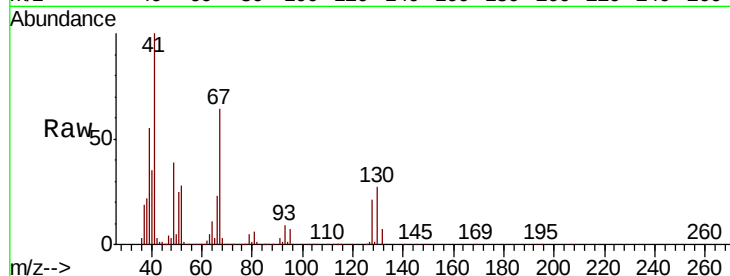
Ion Ratio Lower Upper

41 100

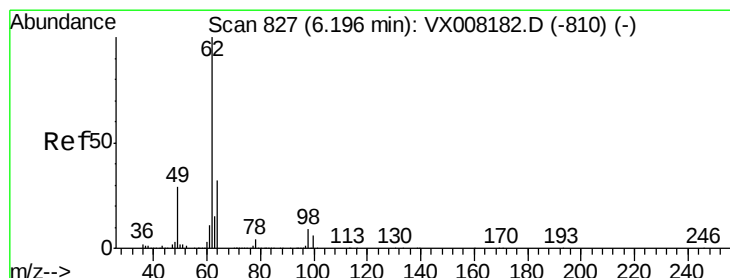
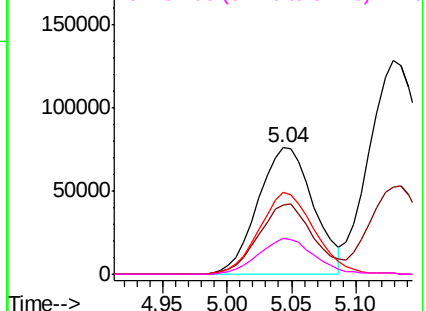
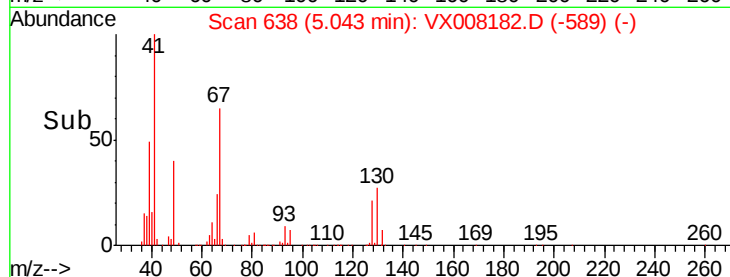
39 55.5 41.6 62.4

67 64.7 55.8 83.6

52 28.2 21.7 32.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.000 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008182.D

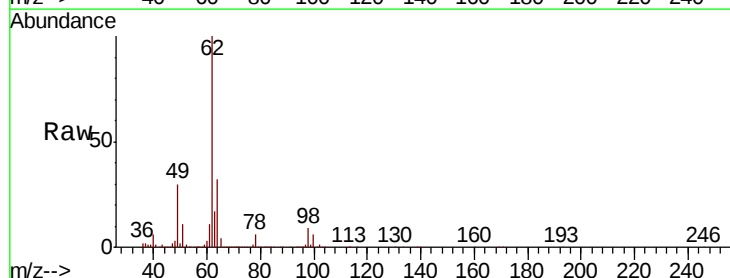
Acq: 19 Mar 2019 11:09

Tgt Ion: 62 Resp: 351820

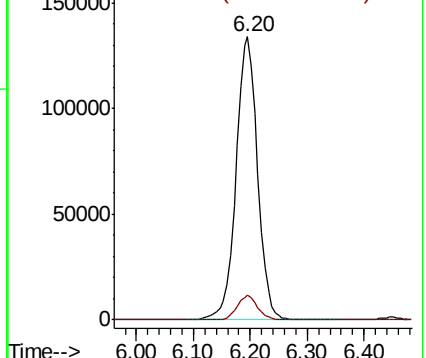
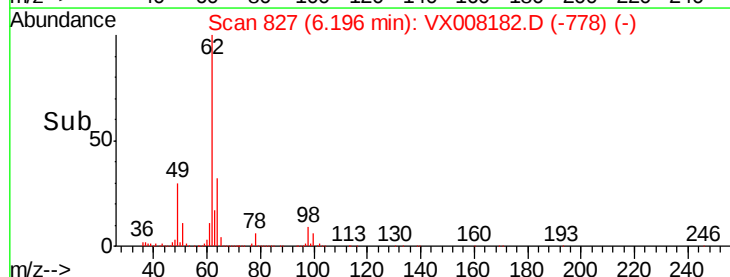
Ion Ratio Lower Upper

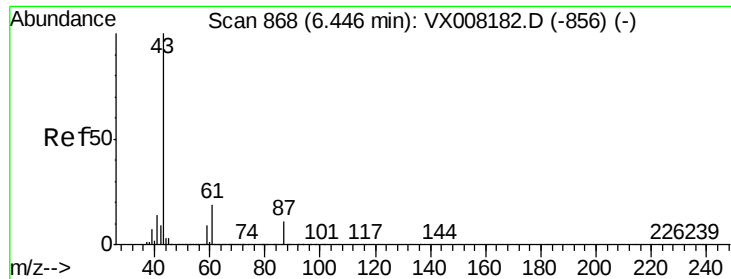
62 100

98 8.4 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



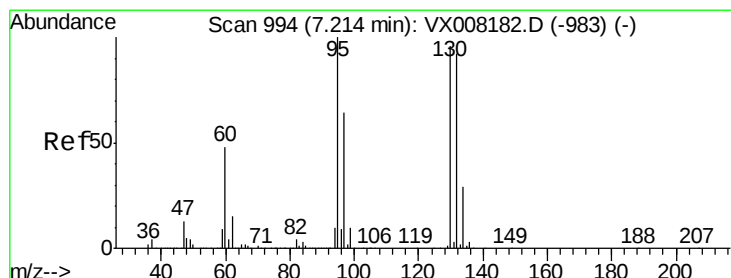
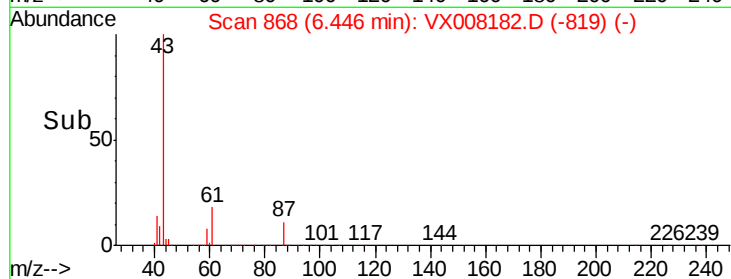
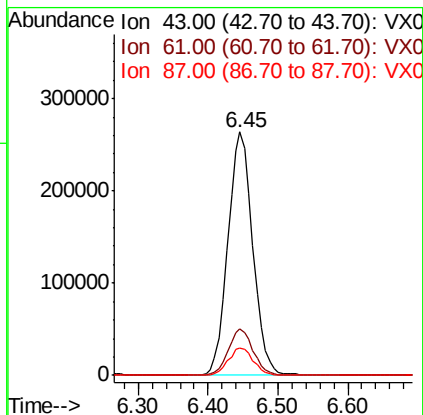
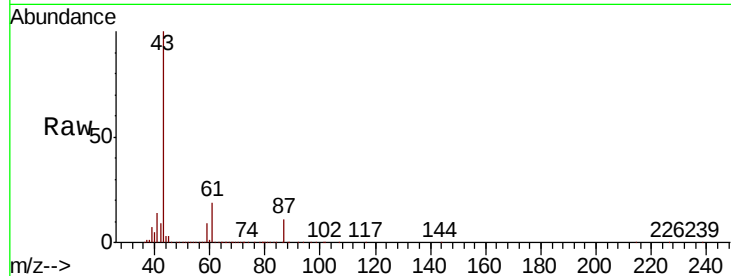


#43

Isopropyl Acetate
 Concen: 50.000 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

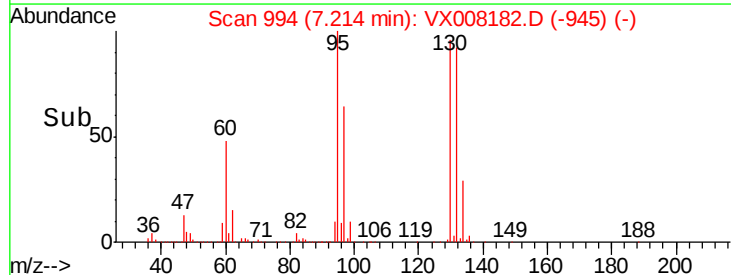
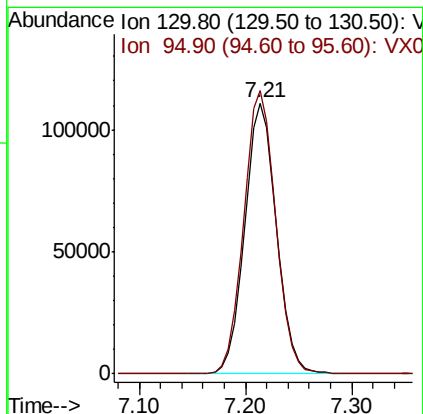
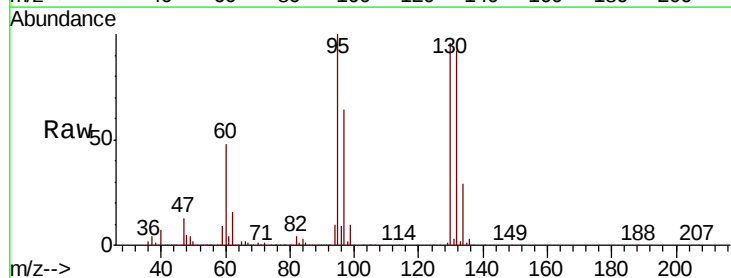
Tgt Ion: 43 Resp: 647462
 Ion Ratio Lower Upper
 43 100
 61 19.0 16.3 24.5
 87 11.4 10.5 15.7

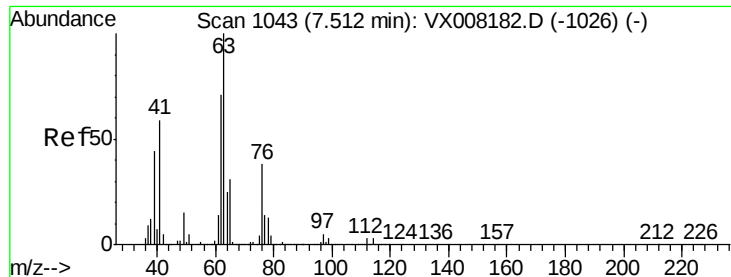


#44

Trichloroethene
 Concen: 50.000 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion: 130 Resp: 231491
 Ion Ratio Lower Upper
 130 100
 95 104.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.000 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

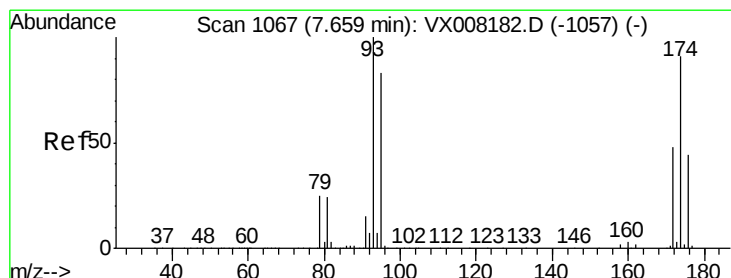
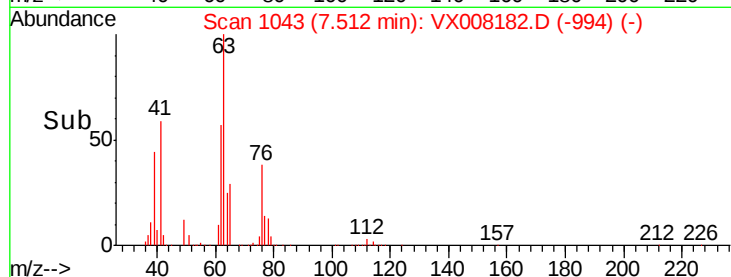
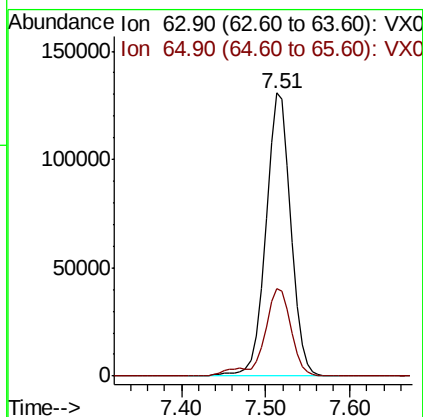
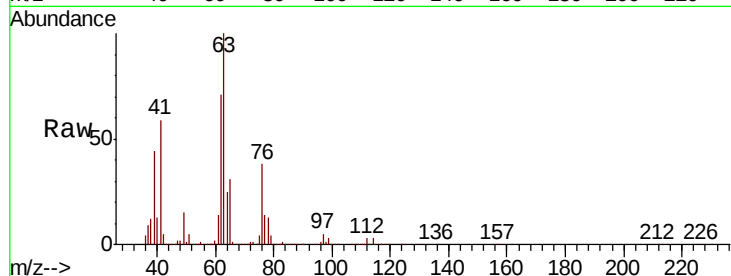
VSTDICCC050

Tgt Ion: 63 Resp: 267473

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



#46

Dibromomethane

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

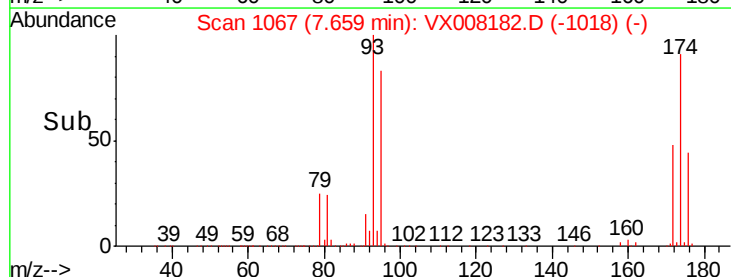
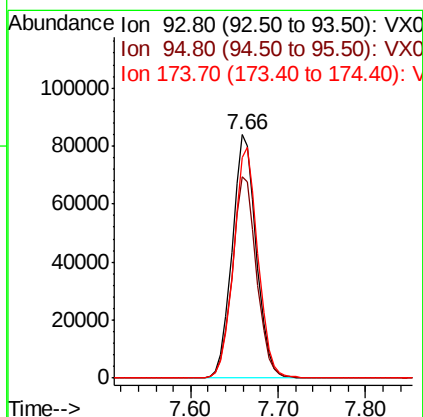
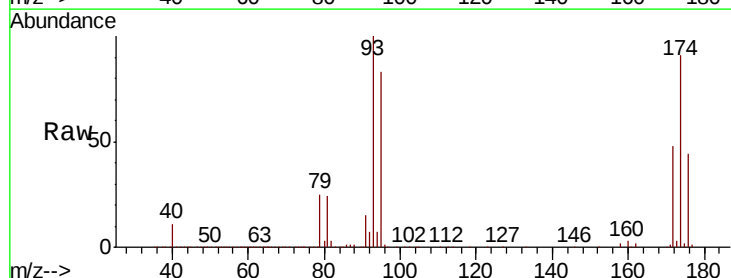
Tgt Ion: 93 Resp: 161431

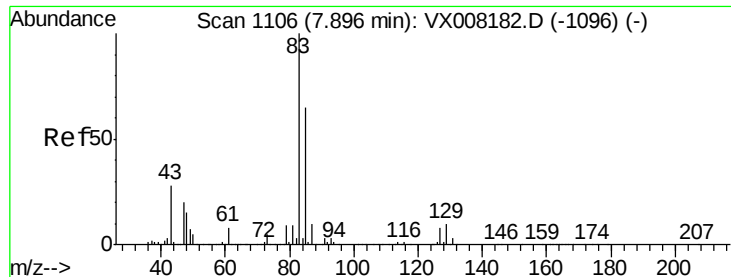
Ion Ratio Lower Upper

93 100

95 83.1 66.8 100.2

174 95.2 97.3 145.9#





#47

Bromodichloromethane

Concen: 50.000 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

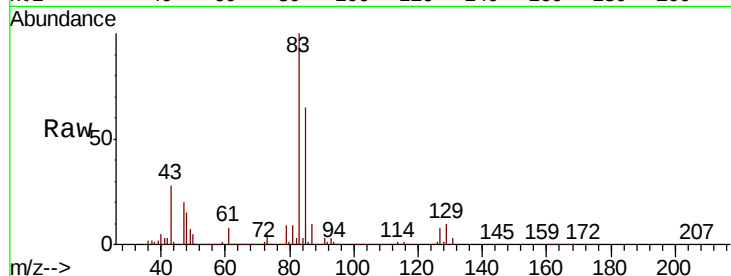
Tgt Ion: 83 Resp: 319589

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3

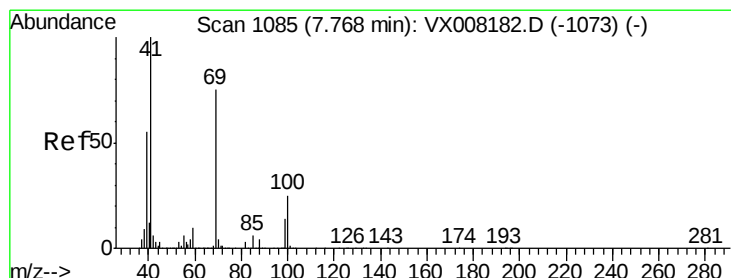
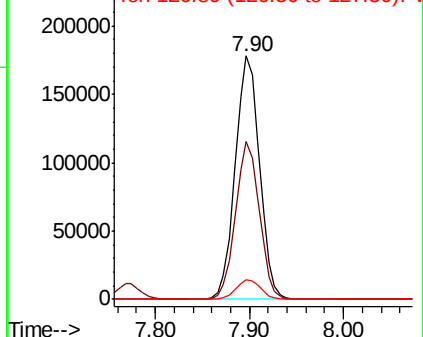
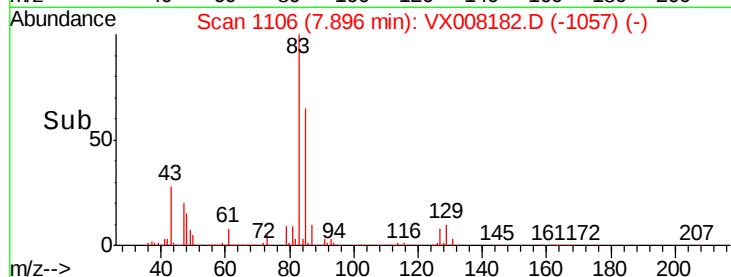
127 7.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.000 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

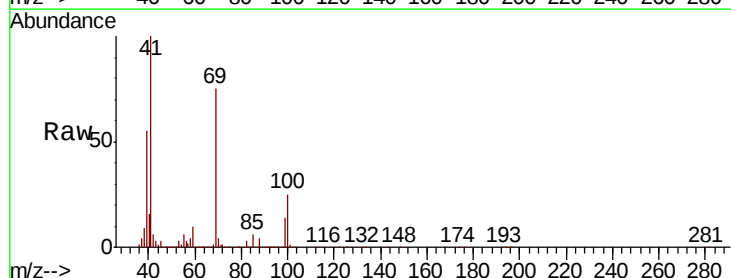
Tgt Ion: 41 Resp: 340557

Ion Ratio Lower Upper

41 100

69 75.5 65.2 97.8

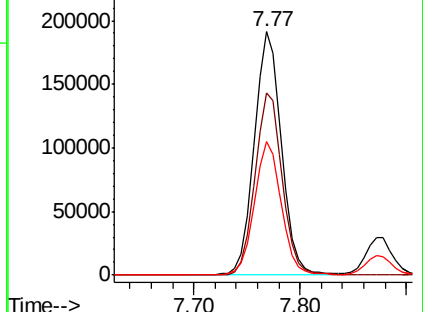
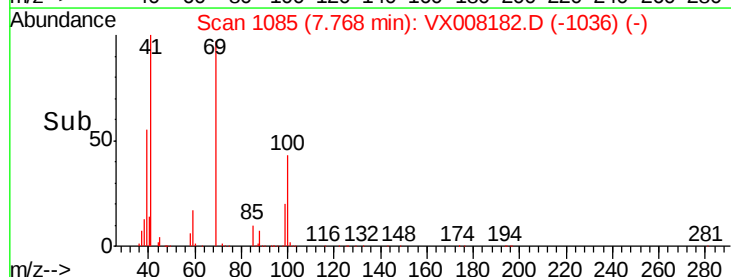
39 54.2 39.4 59.2

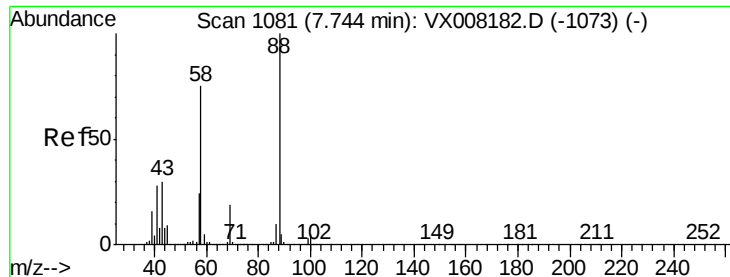


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

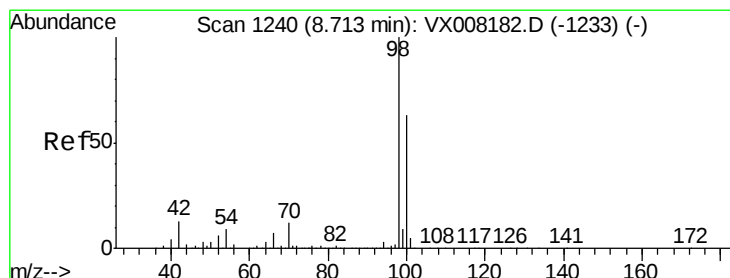
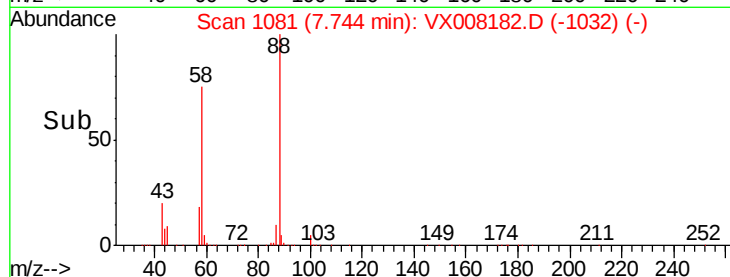
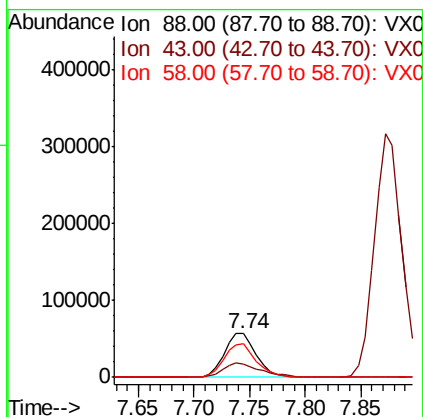
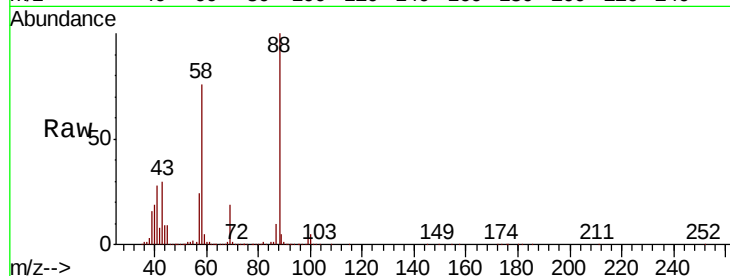




#49
1,4-Dioxane
Concen: 1000.000 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

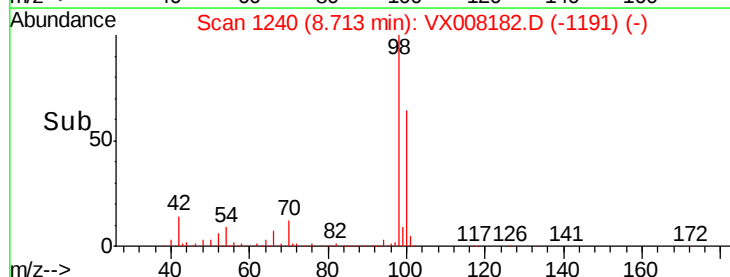
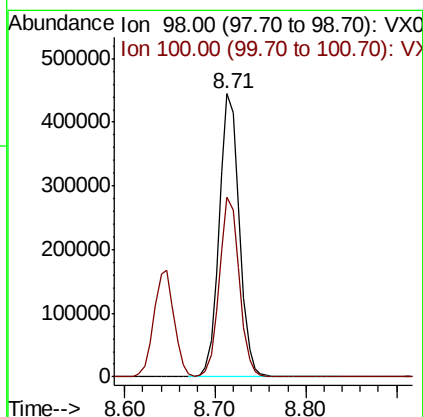
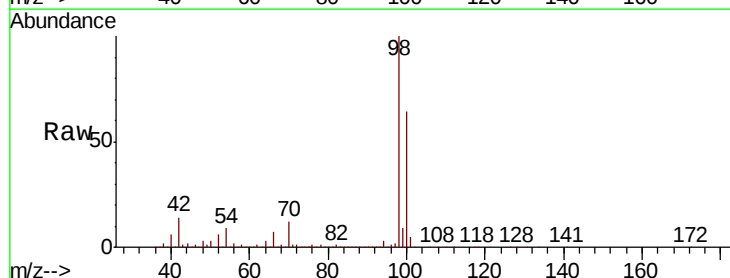
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

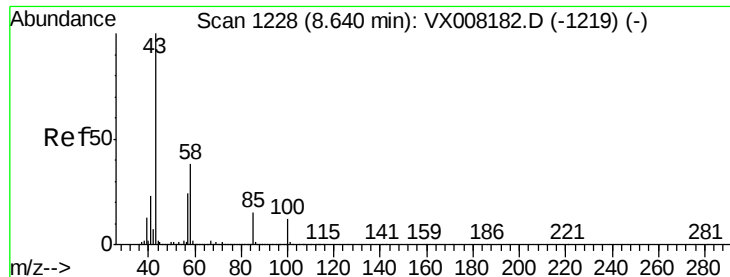
Tgt Ion: 88 Resp: 111767
Ion Ratio Lower Upper
88 100
43 37.6 25.1 37.7
58 77.9 57.8 86.6



#50
Toluene-d8
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion: 98 Resp: 687449
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

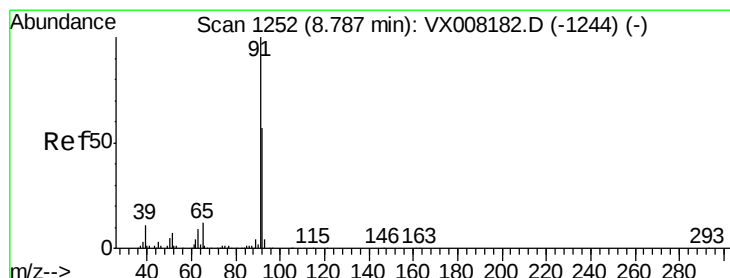
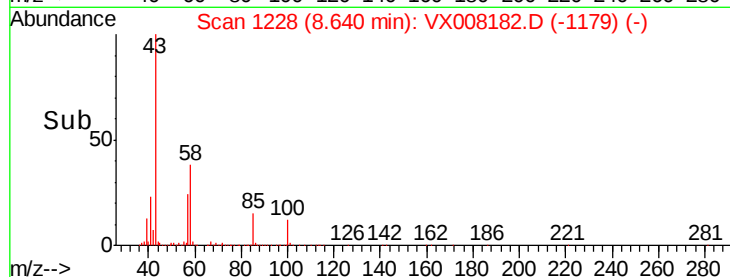
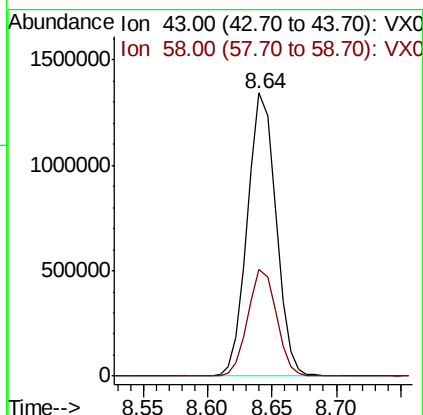
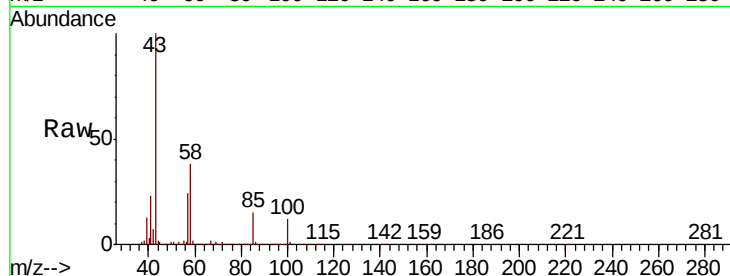




#51
 4-Methyl-2-Pentanone
 Concen: 250.000 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

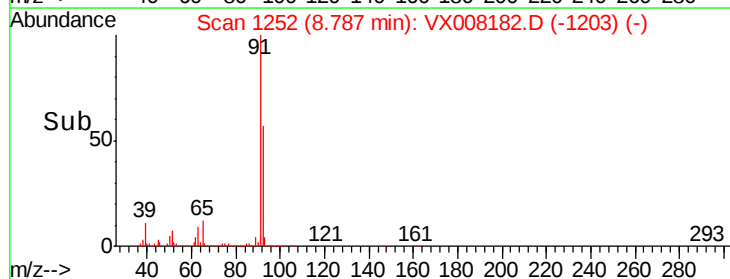
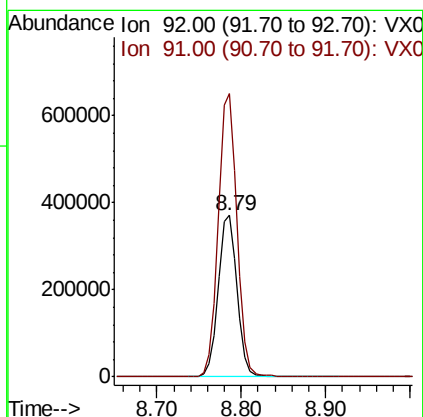
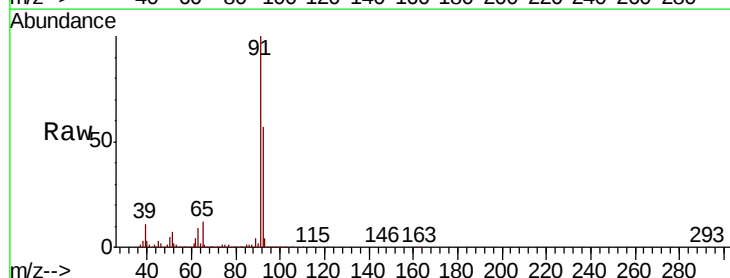
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 2063943
 Ion Ratio Lower Upper
 43 100
 58 37.6 31.3 46.9



#52
 Toluene
 Concen: 50.000 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion: 92 Resp: 572387
 Ion Ratio Lower Upper
 92 100
 91 175.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 50.000 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

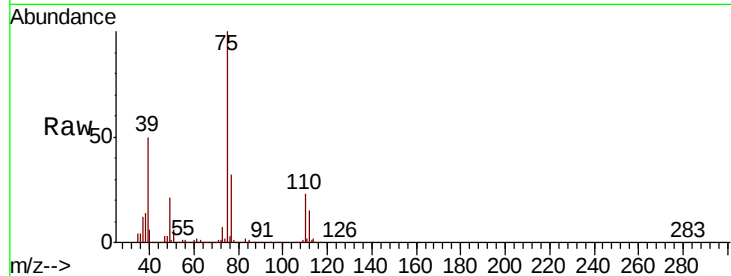
VSTDICCC050

Tgt Ion: 75 Resp: 368870

Ion Ratio Lower Upper

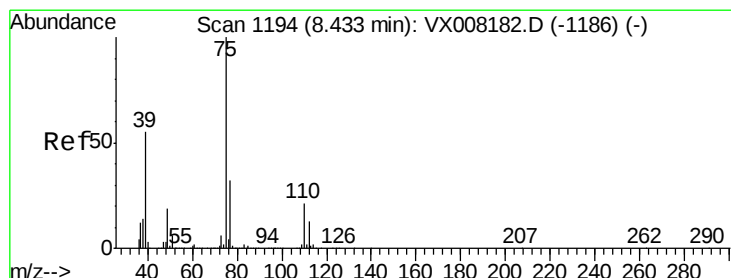
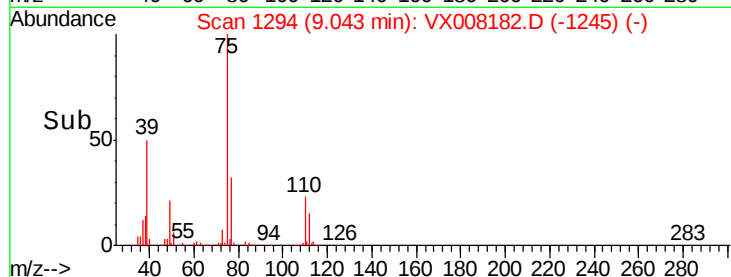
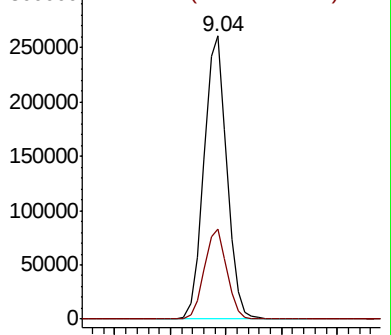
75 100

77 31.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.000 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

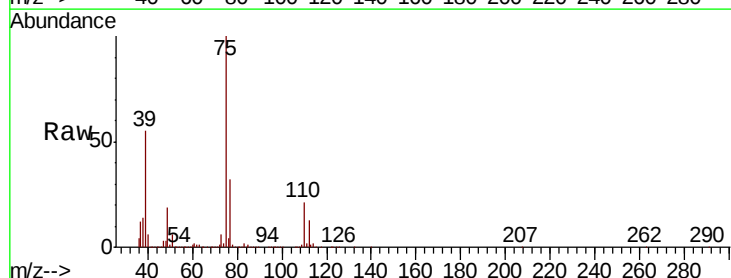
Tgt Ion: 75 Resp: 402991

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

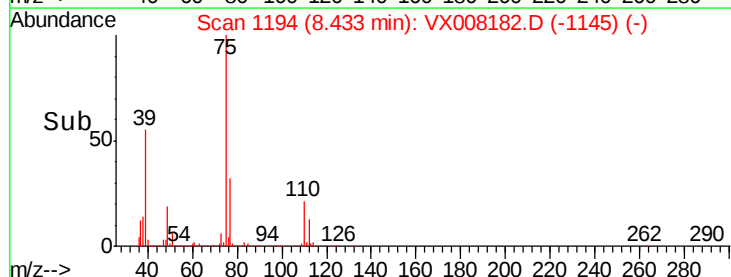
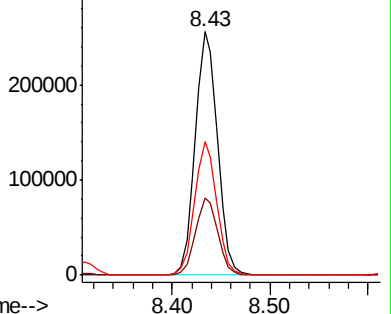
39 55.0 36.6 54.8#

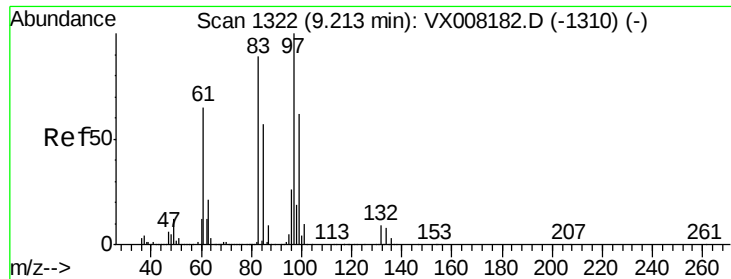


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

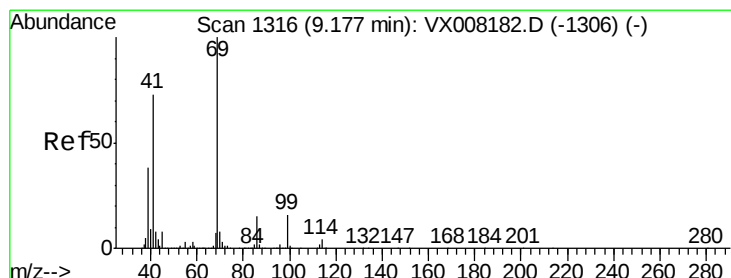
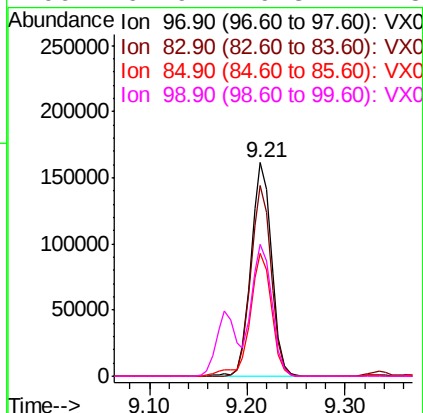
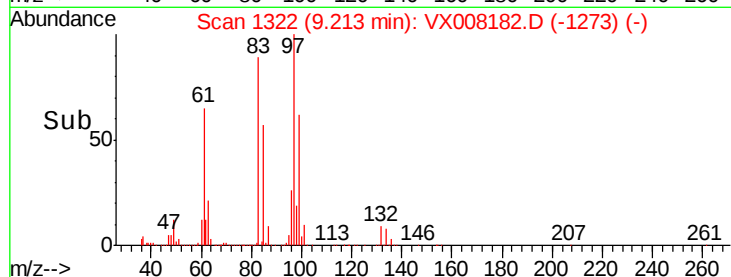
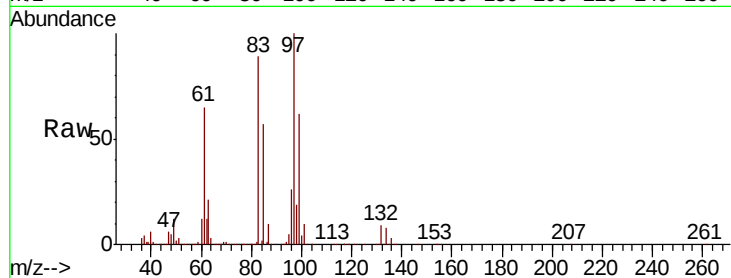




#55
 1,1,2-Trichloroethane
 Concen: 50.000 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

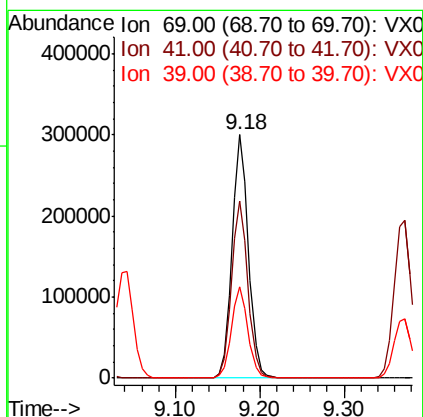
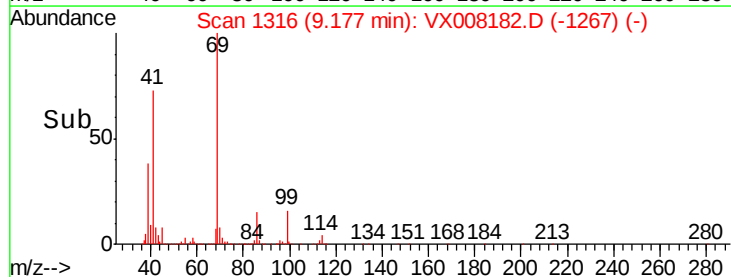
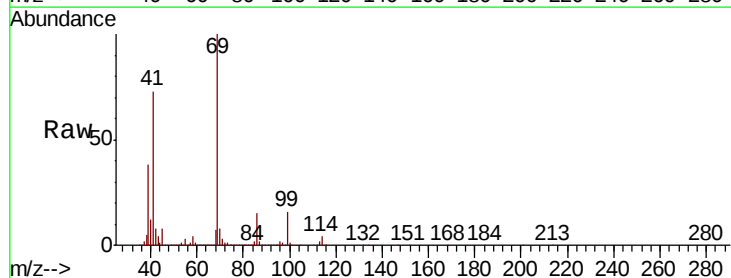
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Resp	Lower	Upper
97	235856		
83	88.9	69.1	103.7
85	57.4	44.3	66.5
99	61.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.000 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion	Resp	Lower	Upper
69	395174		
41	73.2	54.2	81.4
39	37.9	25.0	37.4#





#57

1,3-Dichloropropane

Concen: 50.000 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

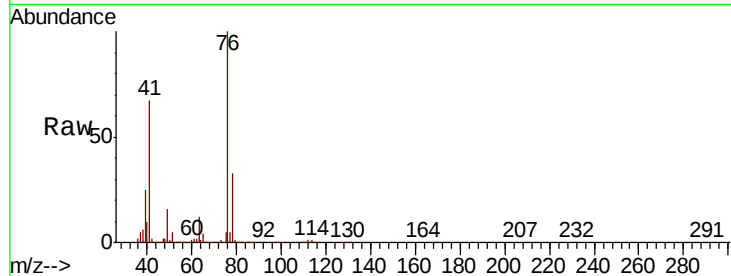
VSTDICCC050

Tgt Ion: 76 Resp: 416476

Ion Ratio Lower Upper

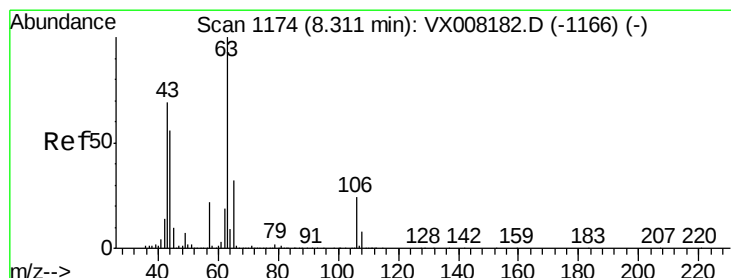
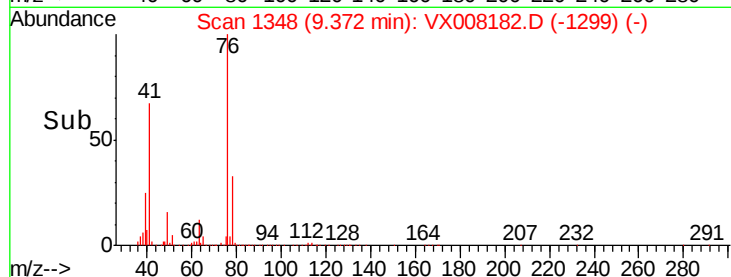
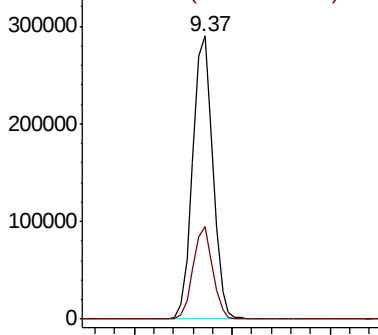
76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 250.000 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008182.D

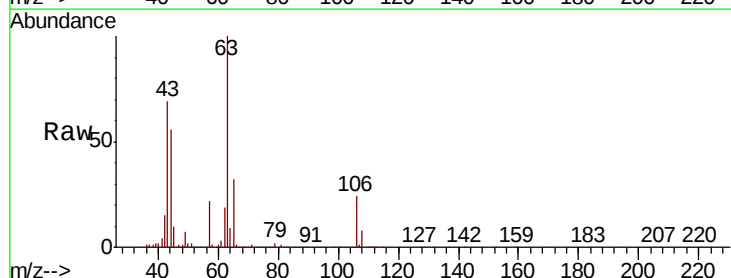
Acq: 19 Mar 2019 11:09

Tgt Ion: 63 Resp: 919392

Ion Ratio Lower Upper

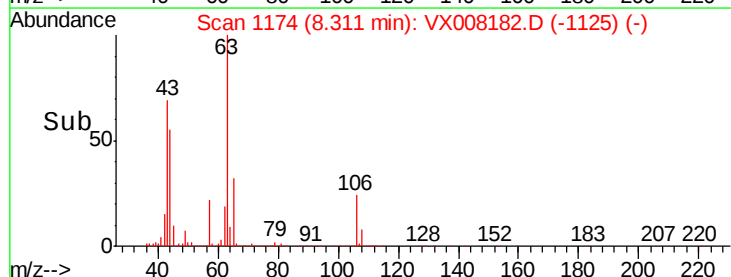
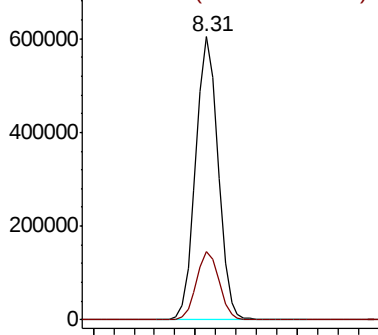
63 100

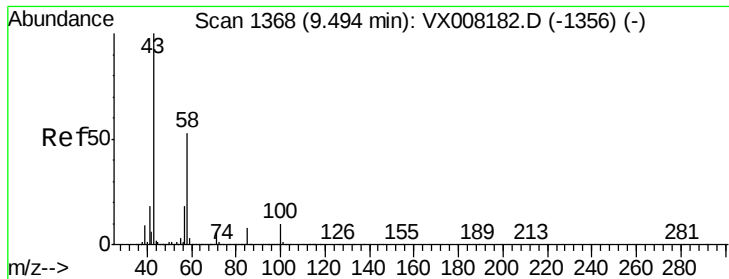
106 24.3 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

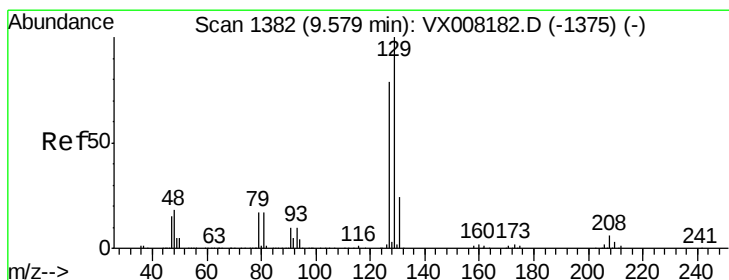
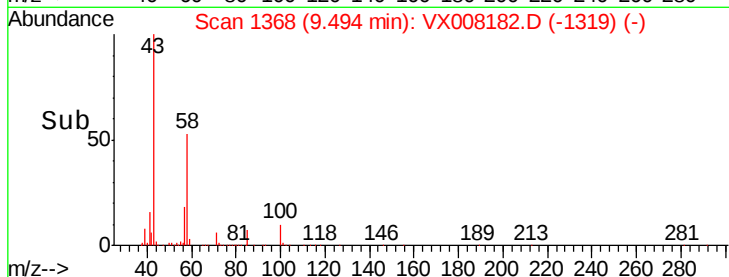
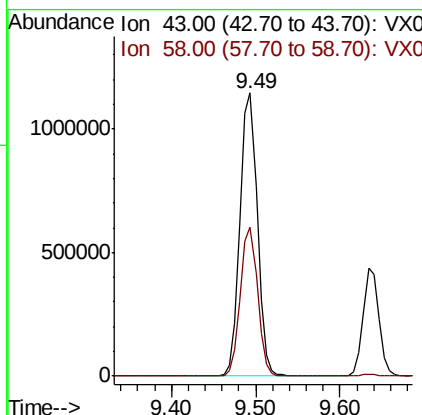
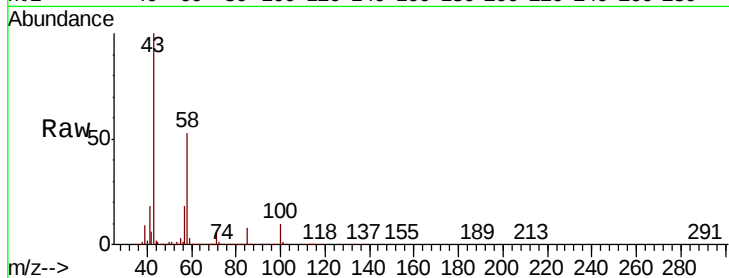




#59
2-Hexanone
Concen: 250.000 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

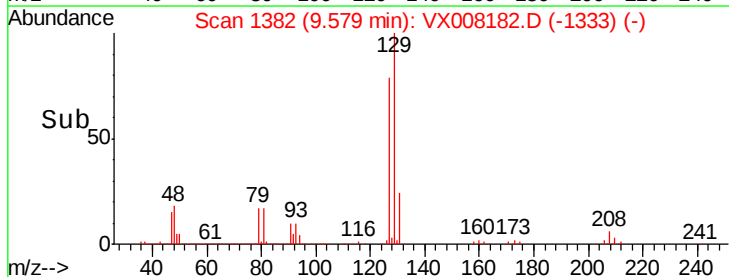
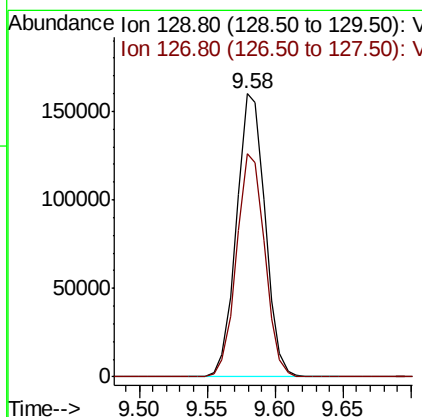
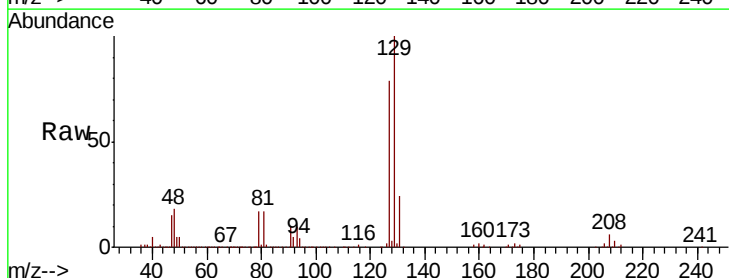
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

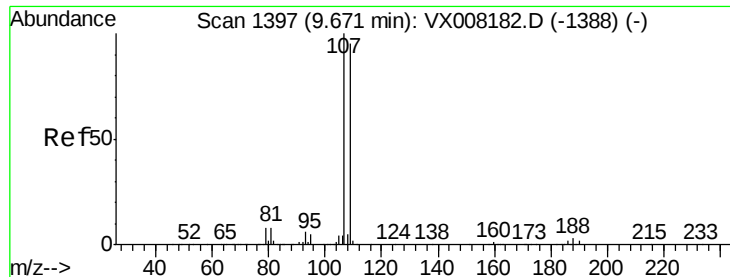
Tgt Ion: 43 Resp: 1573387
Ion Ratio Lower Upper
43 100
58 52.0 27.6 82.7



#60
Dibromochloromethane
Concen: 50.000 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion: 129 Resp: 233943
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8

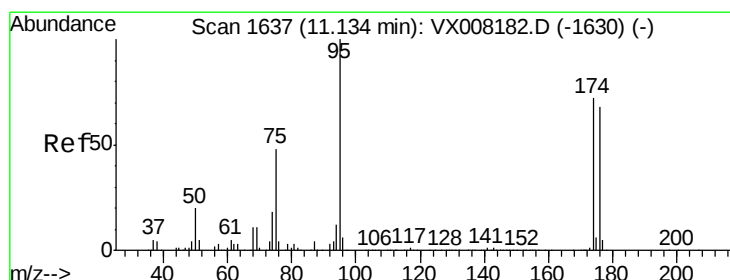
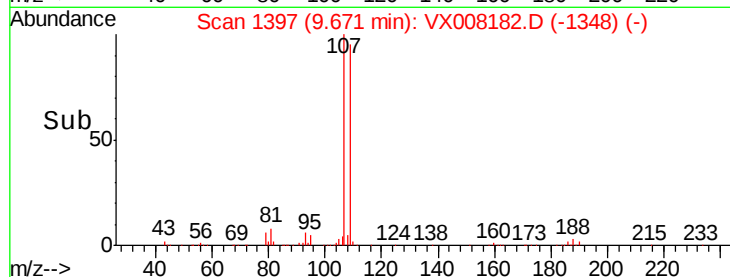
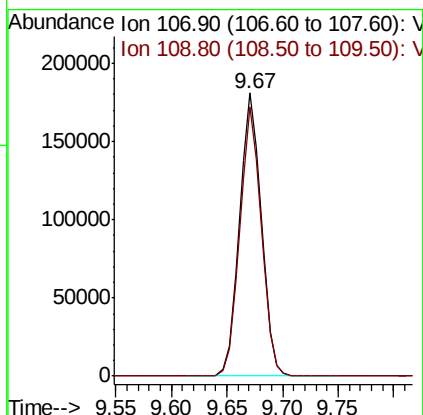
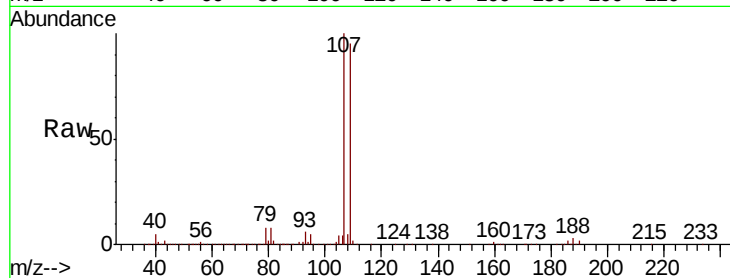




#61
 1,2-Dibromoethane
 Concen: 50.000 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

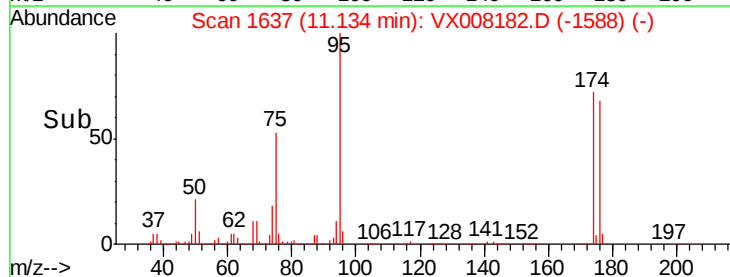
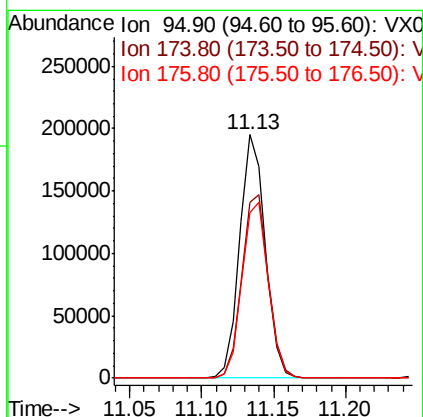
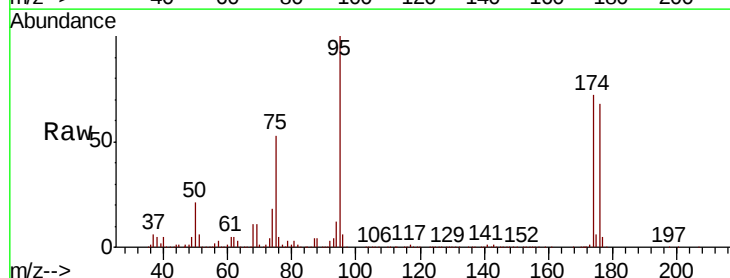
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

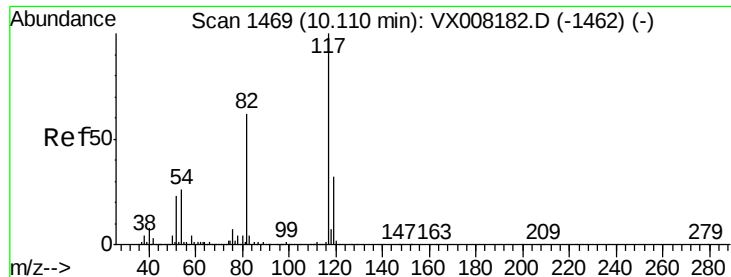
Tgt Ion: 107 Resp: 245083
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.000 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion: 95 Resp: 240822
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 182.8
 176 74.5 0.0 178.0

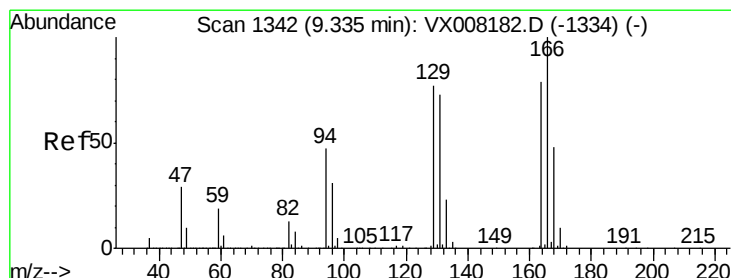
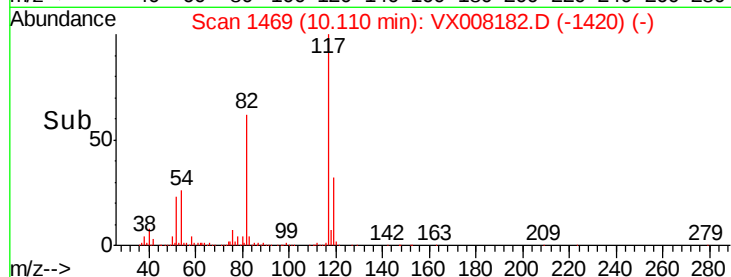
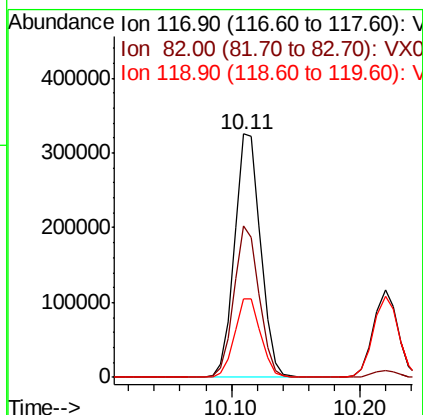
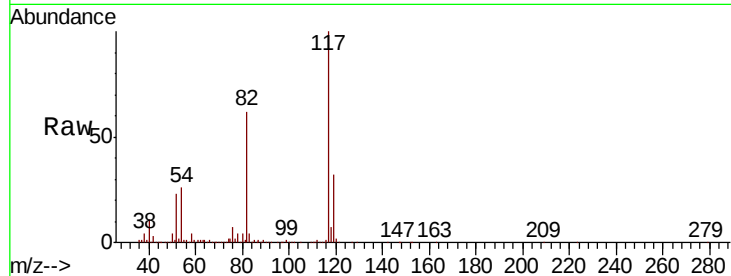




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

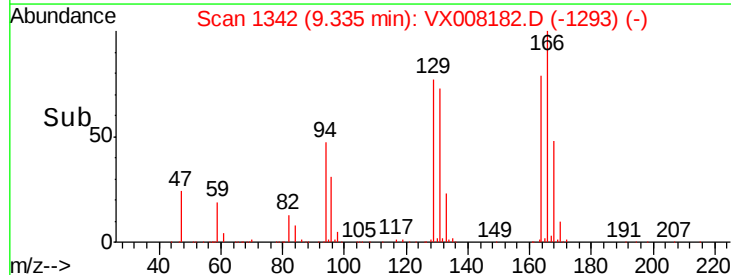
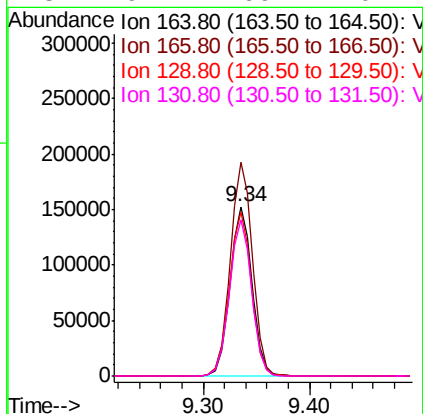
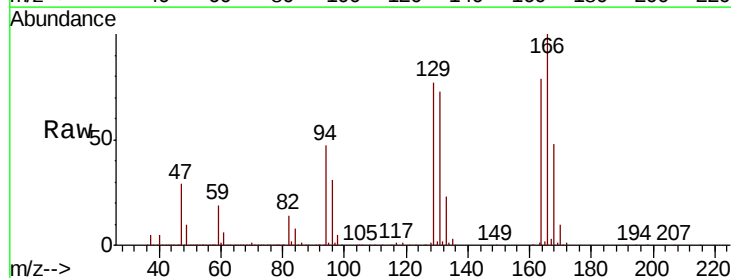
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

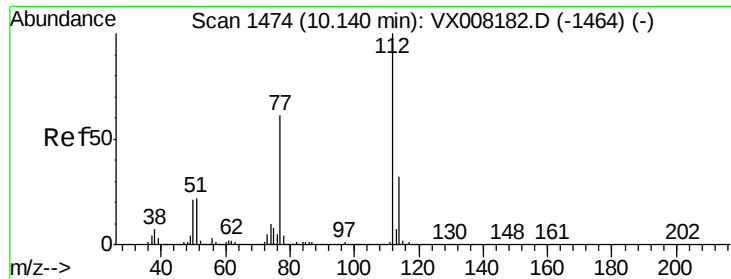
Tgt Ion:117 Resp: 457037
Ion Ratio Lower Upper
117 100
82 62.4 44.3 66.5
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 50.000 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion:164 Resp: 219713
Ion Ratio Lower Upper
164 100
166 126.3 103.4 155.0
129 97.2 72.2 108.4
131 92.4 69.4 104.2

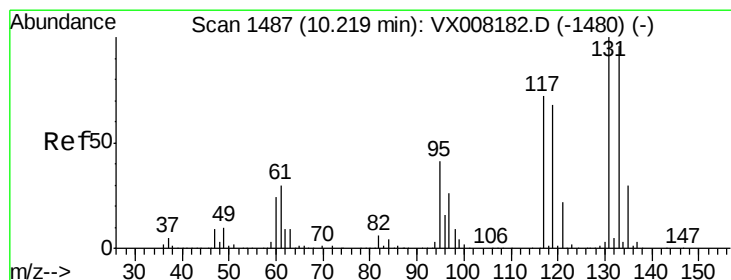
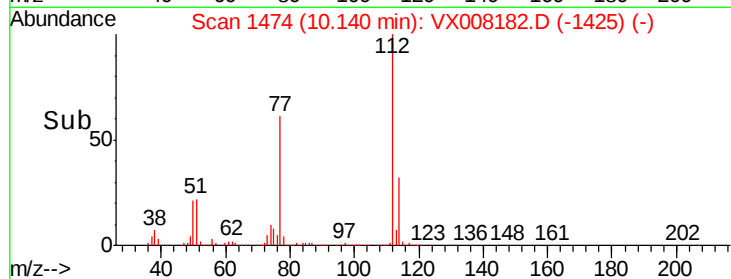
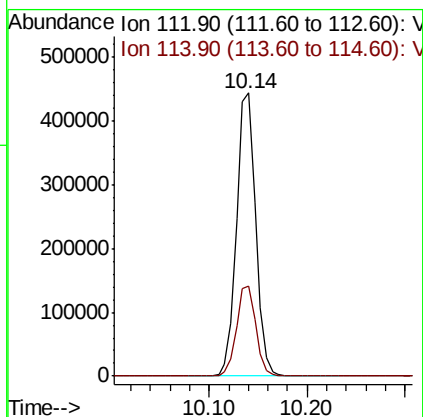
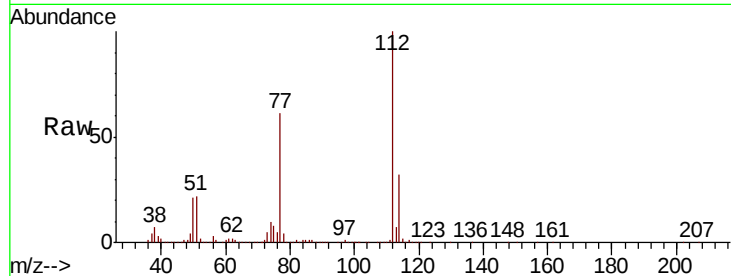




#65
Chlorobenzene
Concen: 50.000 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

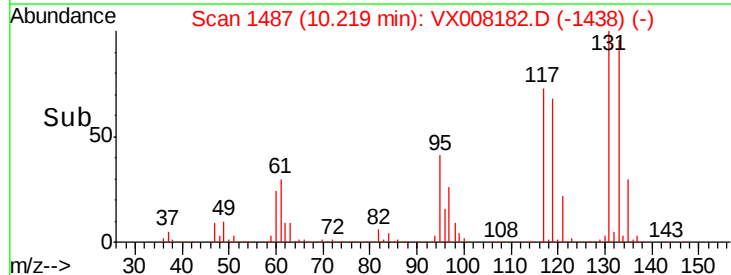
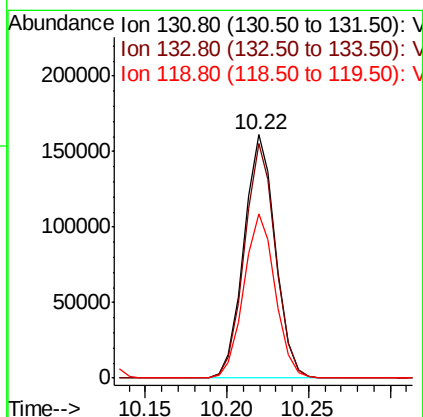
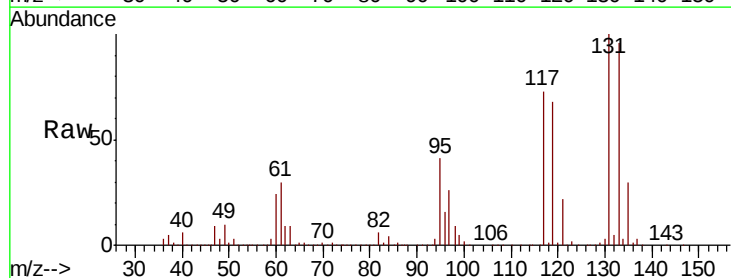
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

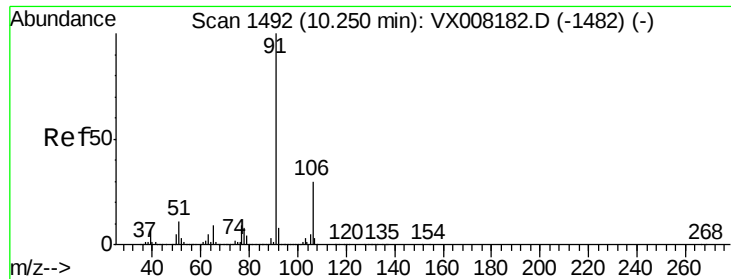
Tgt Ion:112 Resp: 603113
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.000 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion:131 Resp: 216205
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 67.4 32.5 97.5





#67

Ethyl Benzene

Concen: 50.000 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

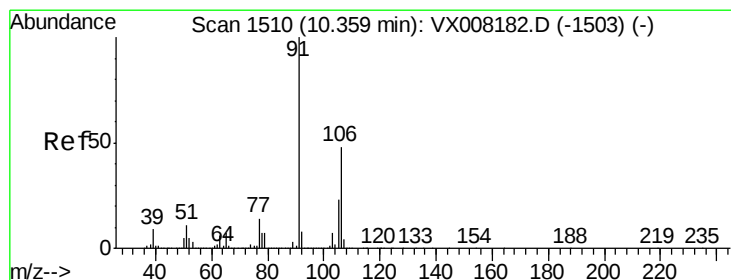
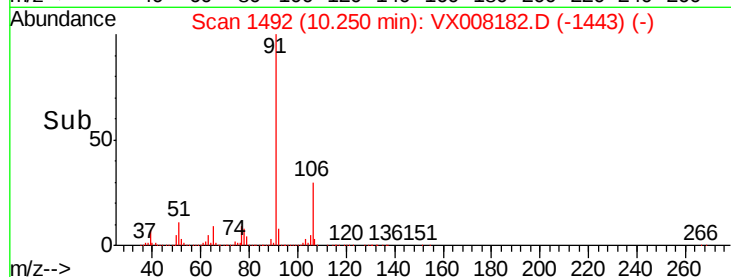
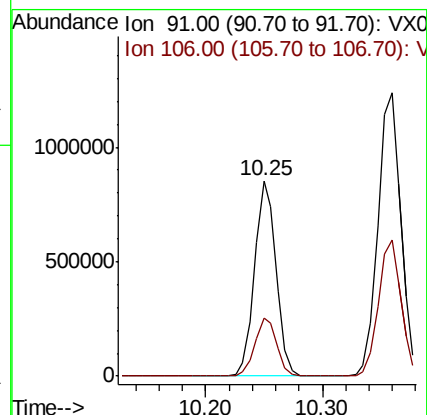
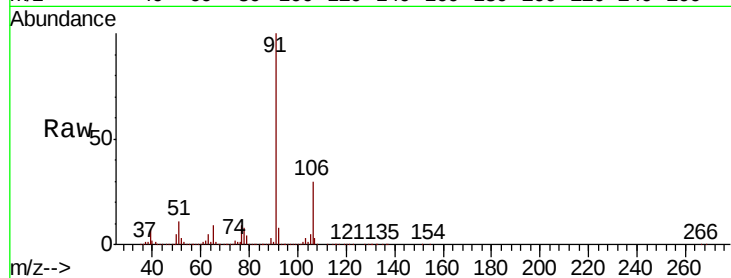
VSTDICCC050

Tgt Ion: 91 Resp: 1098097

Ion Ratio Lower Upper

91 100

106 29.6 25.2 37.8



#68

m/p-Xylenes

Concen: 100.000 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008182.D

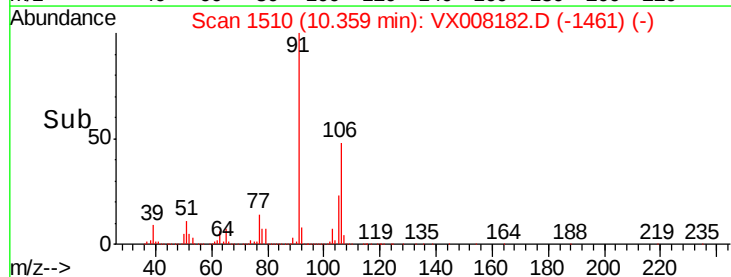
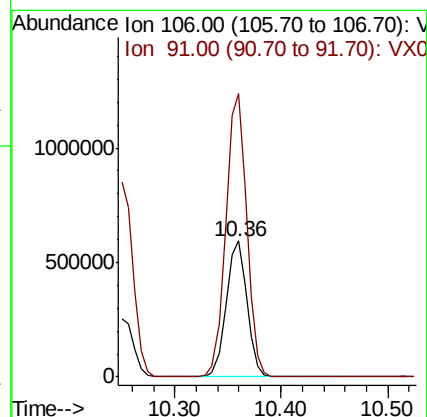
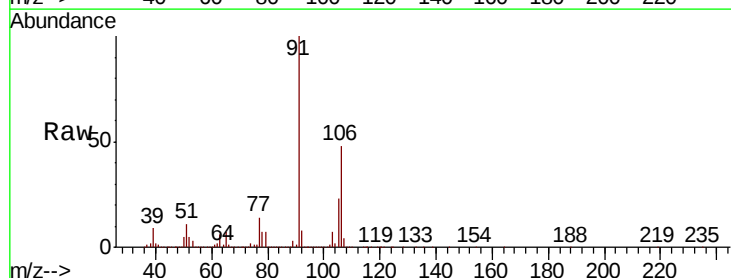
Acq: 19 Mar 2019 11:09

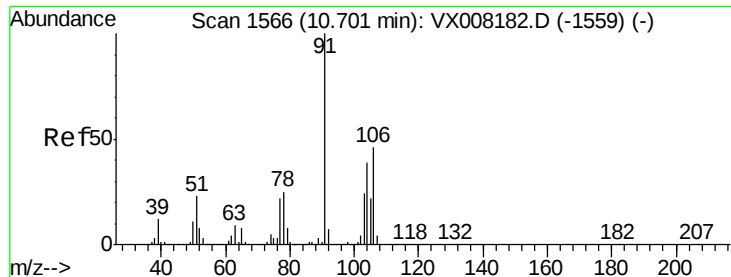
Tgt Ion: 106 Resp: 805645

Ion Ratio Lower Upper

106 100

91 210.2 159.8 239.6

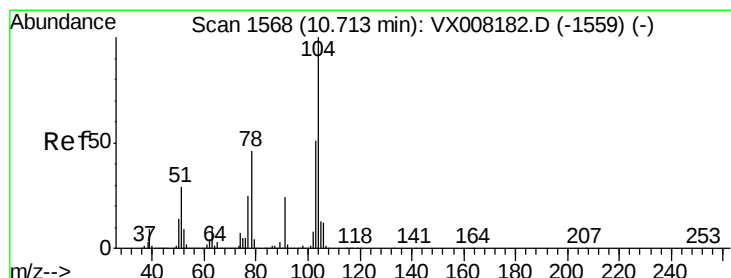
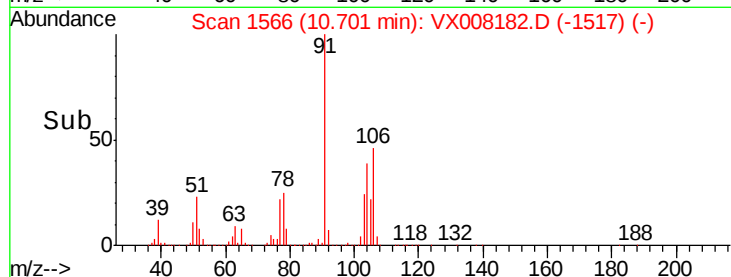
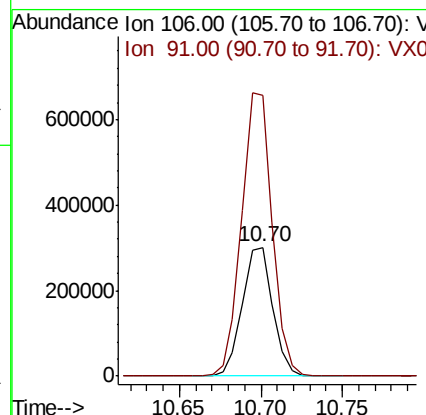
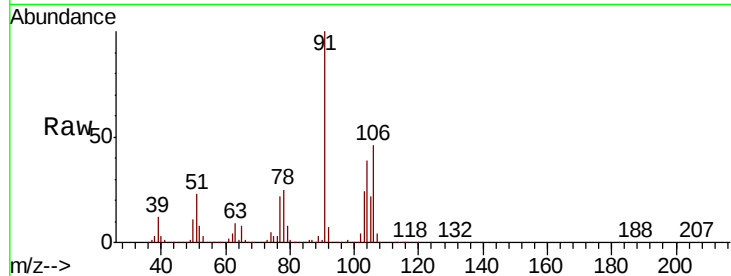




#69
o-Xylene
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

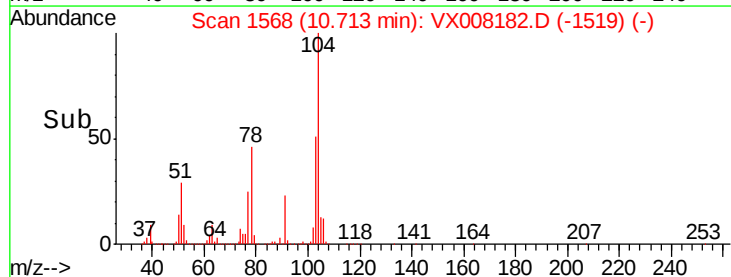
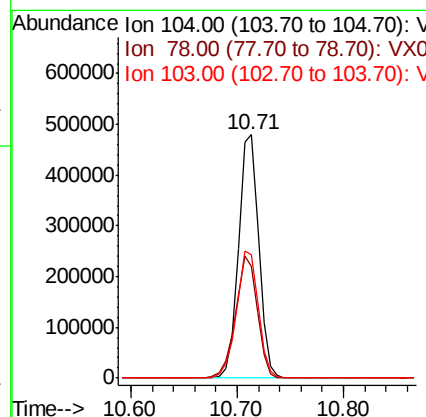
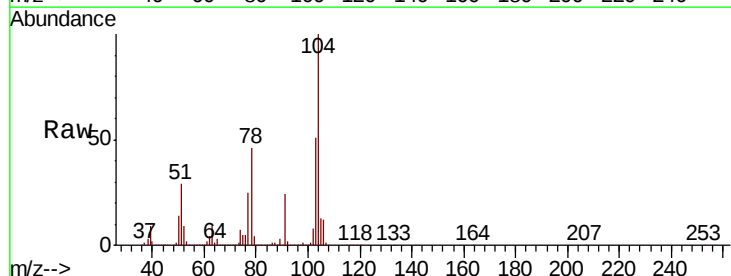
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

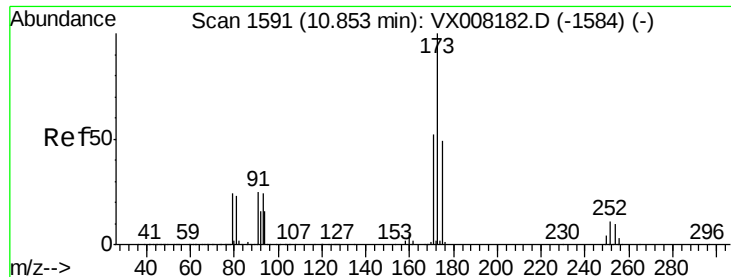
Tgt Ion:106 Resp: 392521
Ion Ratio Lower Upper
106 100
91 221.3 106.3 318.9



#70
Styrene
Concen: 50.000 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion:104 Resp: 642416
Ion Ratio Lower Upper
104 100
78 53.8 38.5 57.7
103 56.1 44.1 66.1

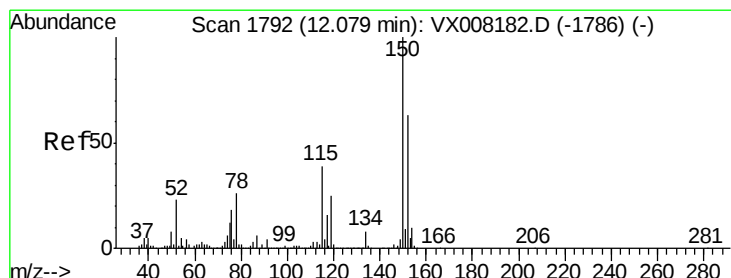
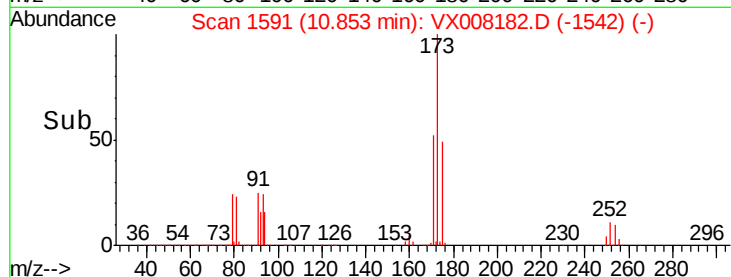
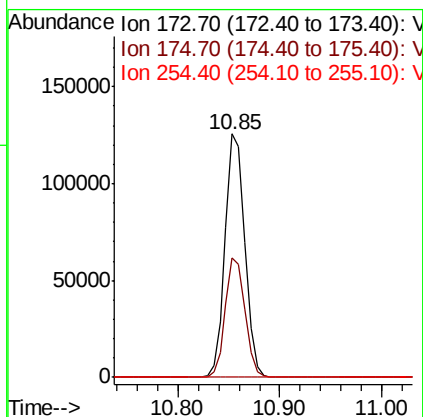
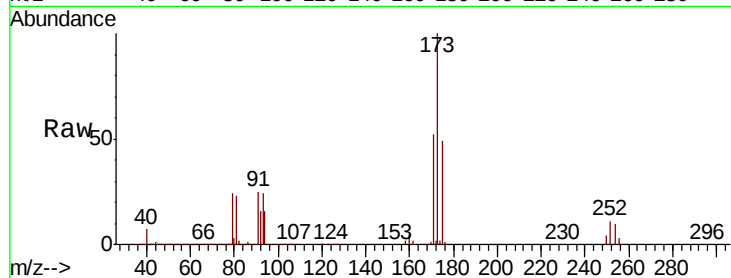




#71
Bromoform
Concen: 50.000 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

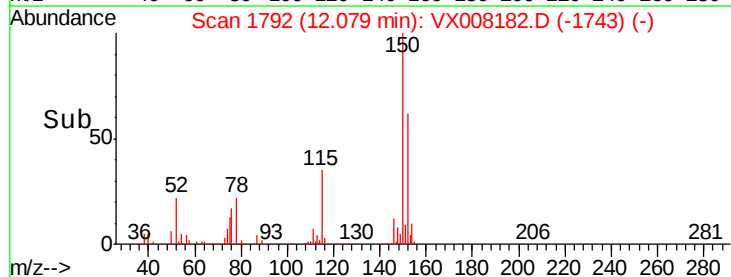
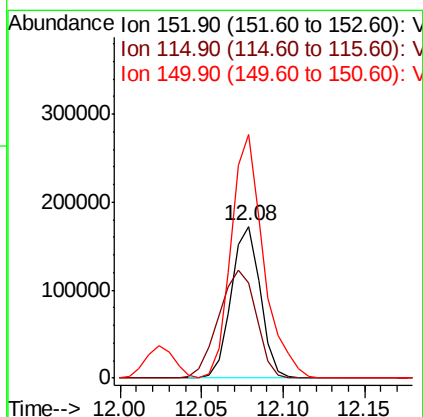
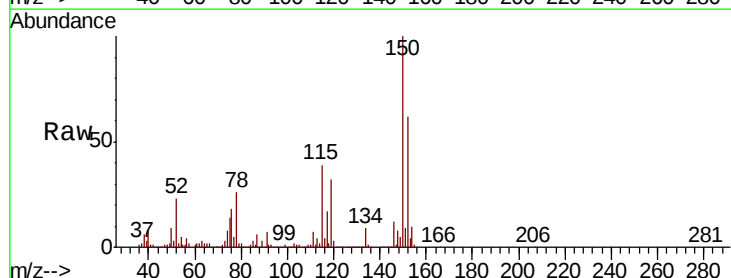
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

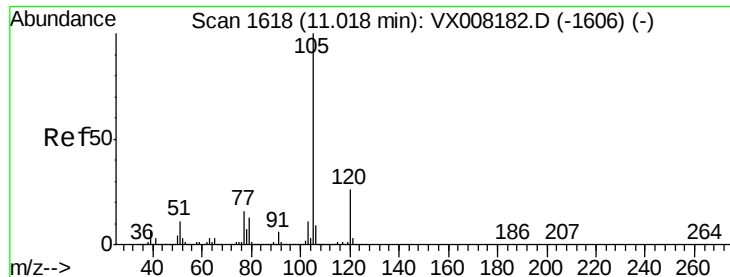
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.9
254	0.2	0.1	0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	92.8	38.6	115.7
150	179.4	0.0	348.4





#73

Isopropylbenzene

Concen: 50.000 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

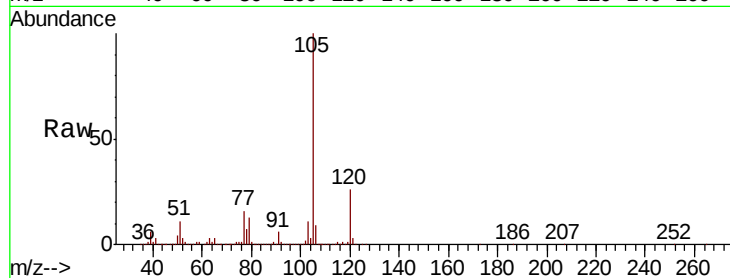
VSTDICCC050

Tgt Ion: 105 Resp: 1044737

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

800000

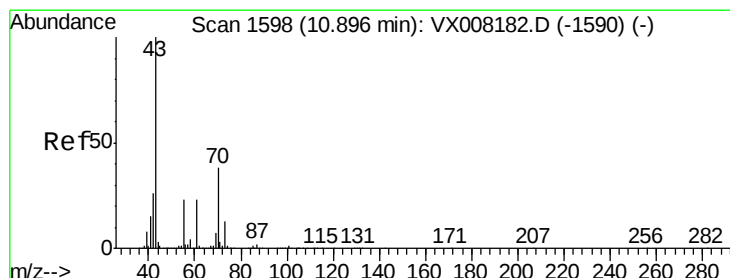
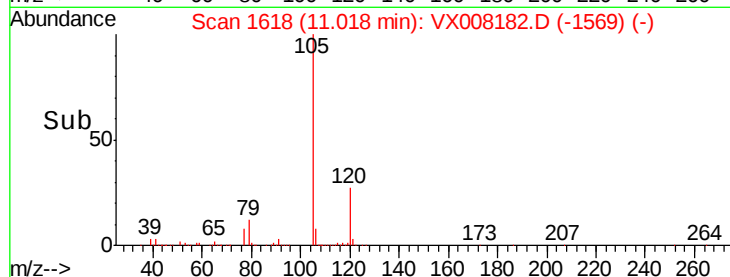
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 50.000 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Tgt Ion: 43 Resp: 555651

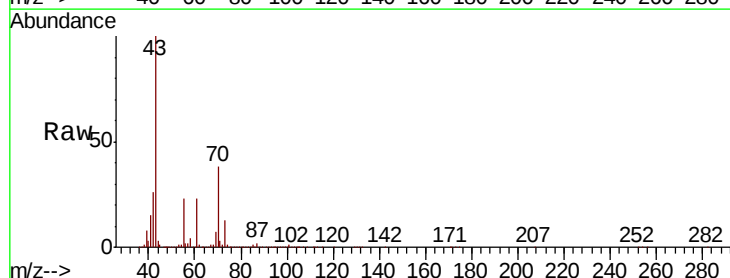
Ion Ratio Lower Upper

43 100

70 38.5 33.5 50.3

55 23.8 19.2 28.8

61 22.8 19.0 28.6



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

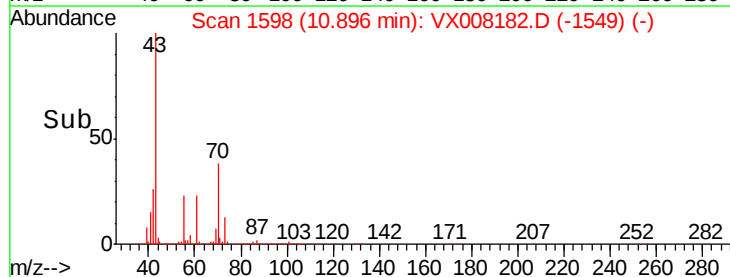
600000

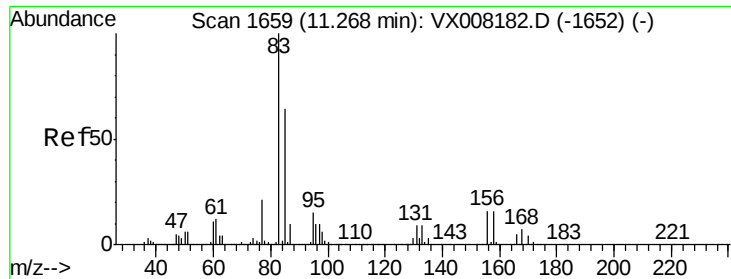
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.000 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

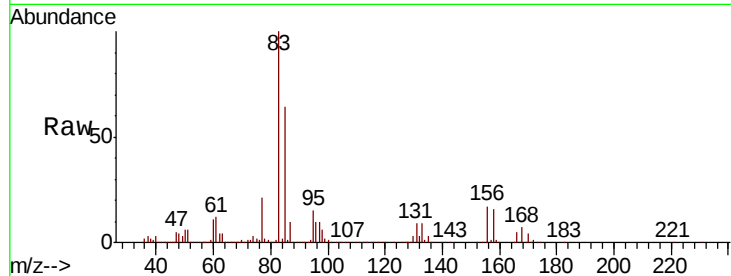
Tgt Ion: 83 Resp: 359049

Ion Ratio Lower Upper

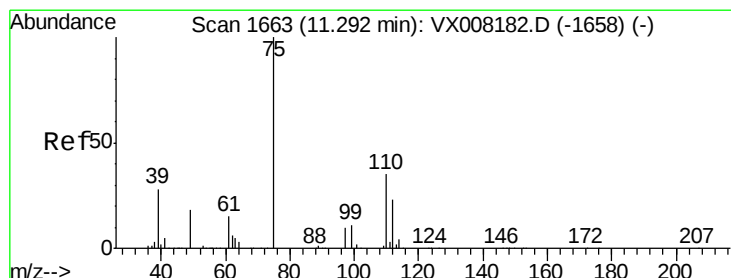
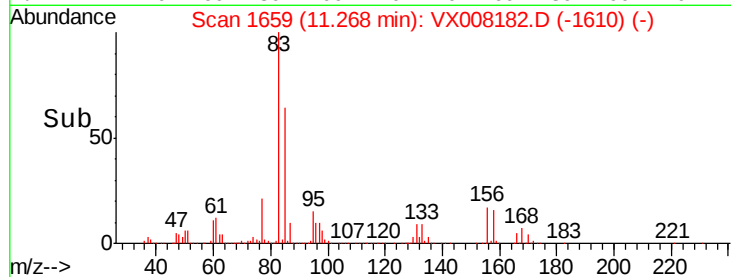
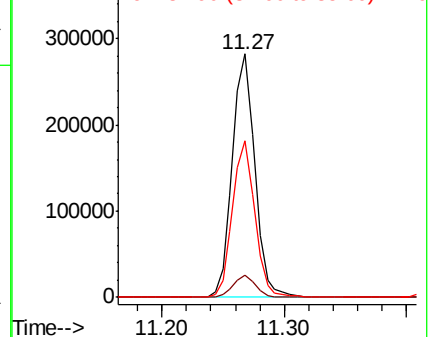
83 100

131 9.0 5.4 16.2

85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.459 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008182.D

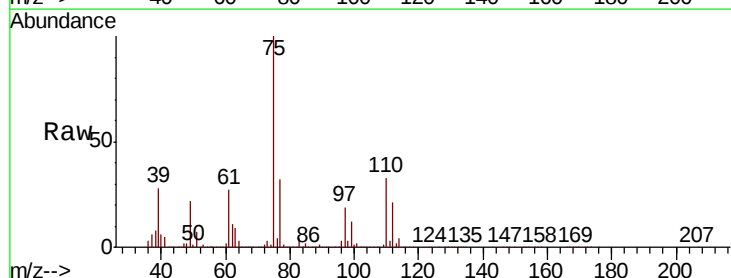
Acq: 19 Mar 2019 11:09

Tgt Ion: 75 Resp: 444737

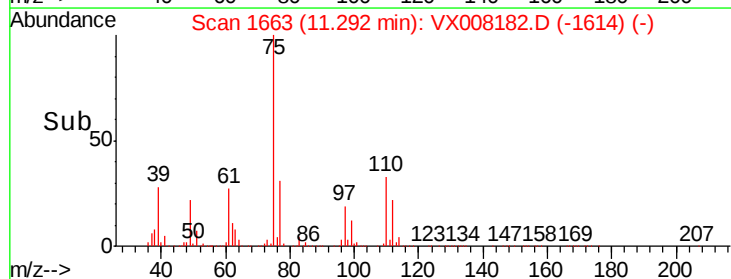
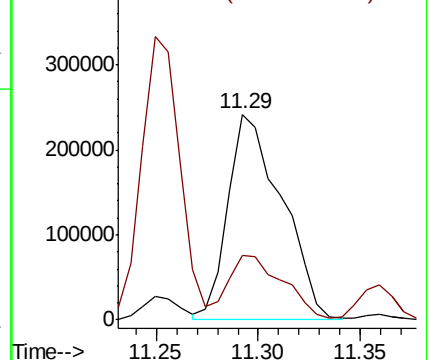
Ion Ratio Lower Upper

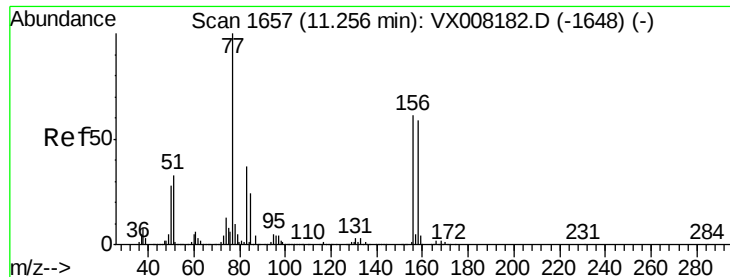
75 100

77 31.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.000 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

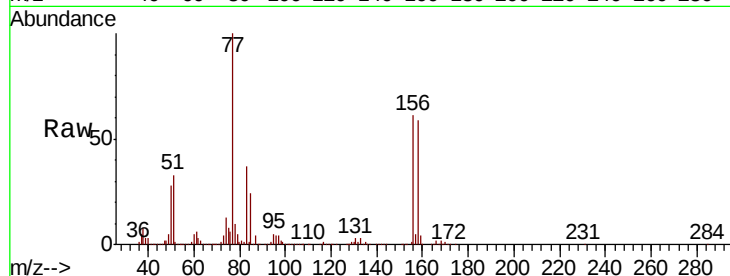
Tgt Ion:156 Resp: 245124

Ion Ratio Lower Upper

156 100

77 177.0 72.0 215.9

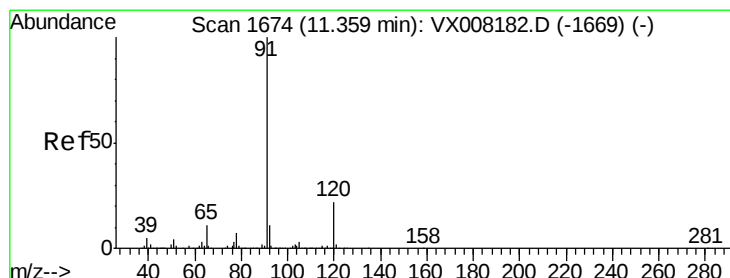
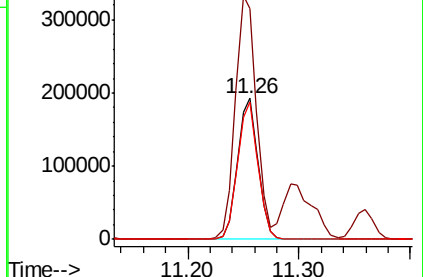
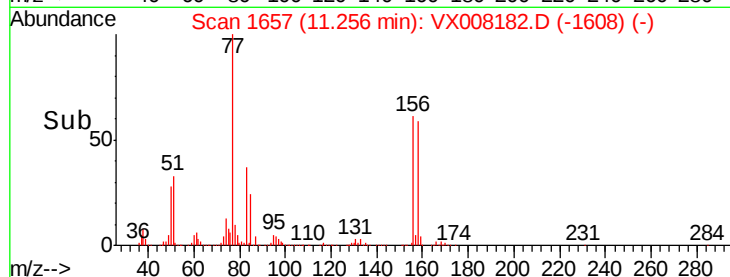
158 96.7 48.6 145.9



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: 50.000 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008182.D

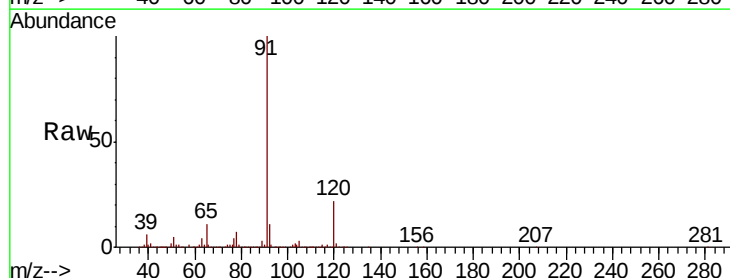
Acq: 19 Mar 2019 11:09

Tgt Ion: 91 Resp: 1238809

Ion Ratio Lower Upper

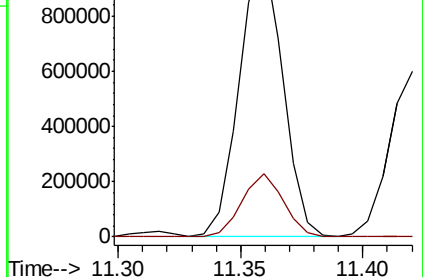
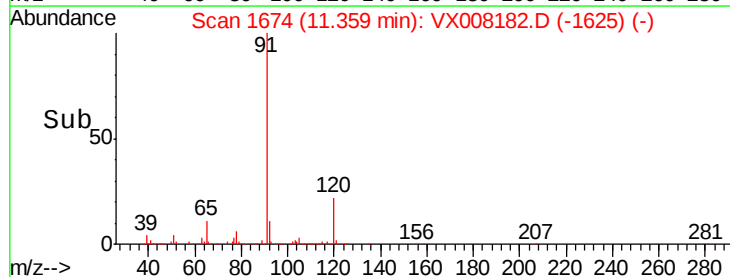
91 100

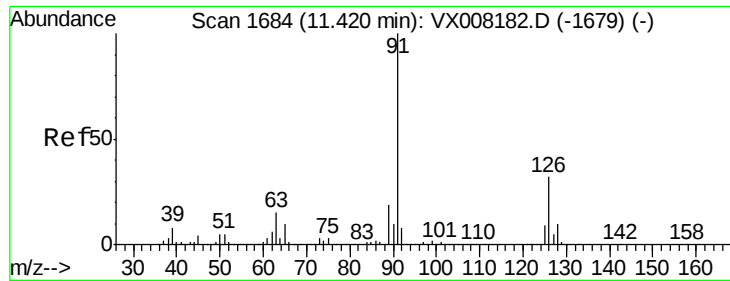
120 21.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.000 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

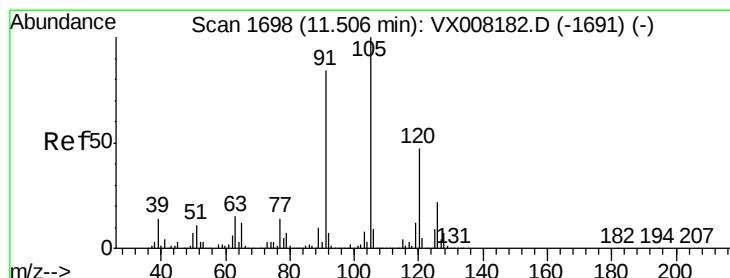
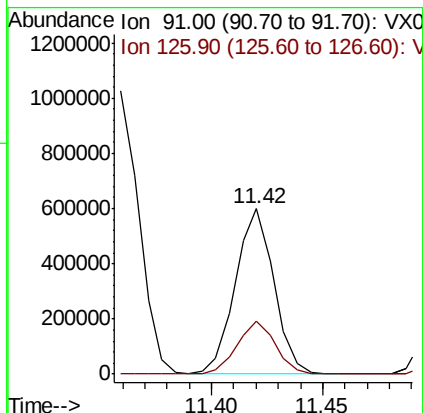
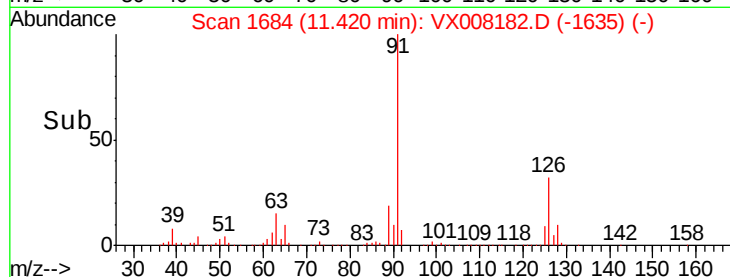
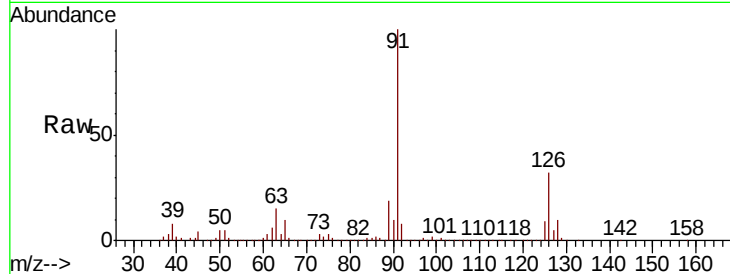
VSTDICCC050

Tgt Ion: 91 Resp: 719722

Ion Ratio Lower Upper

91 100

126 31.9 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 50.000 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008182.D

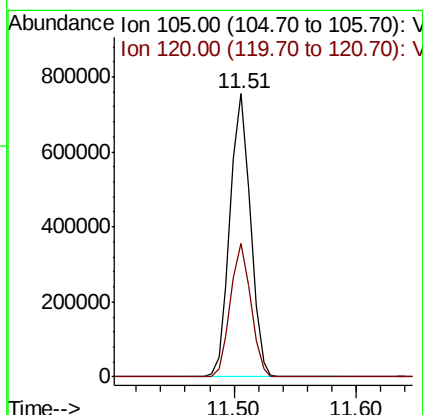
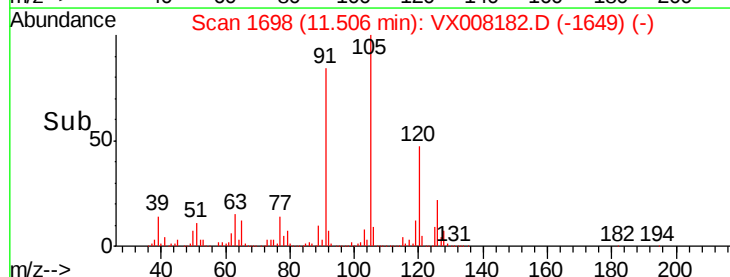
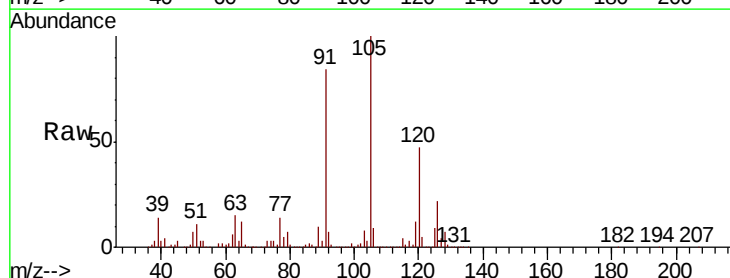
Acq: 19 Mar 2019 11:09

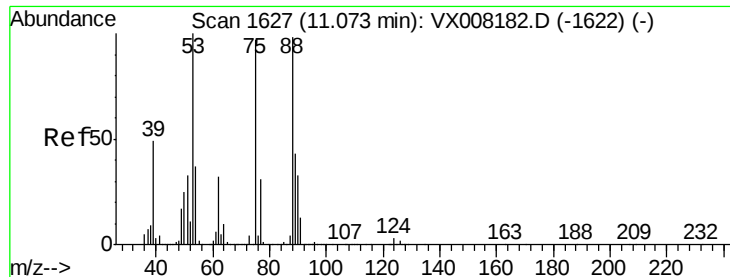
Tgt Ion: 105 Resp: 870273

Ion Ratio Lower Upper

105 100

120 47.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.000 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

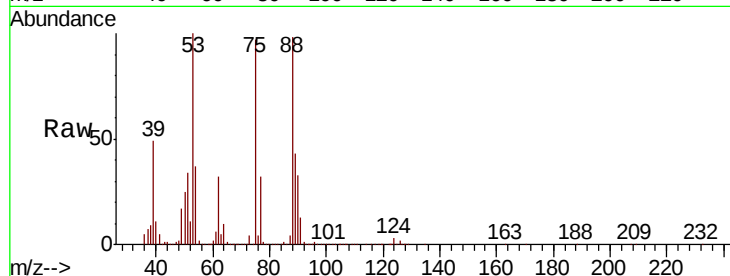
Tgt Ion: 75 Resp: 119774

Ion Ratio Lower Upper

75 100

53 103.7 76.1 114.1

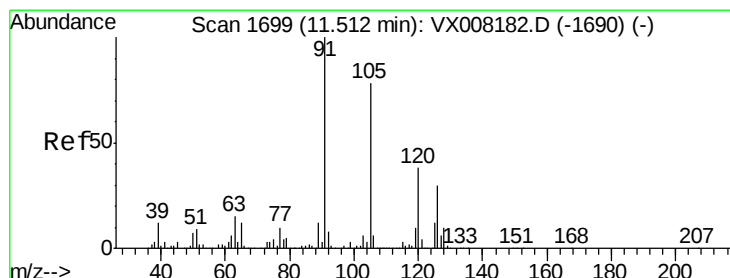
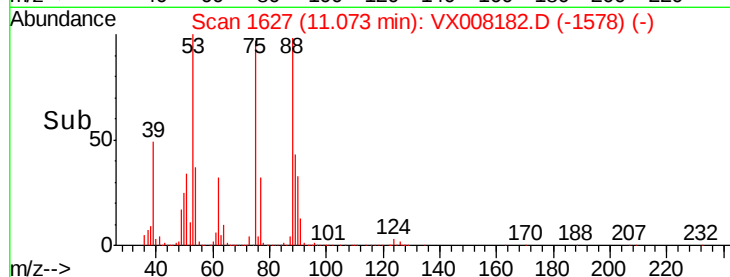
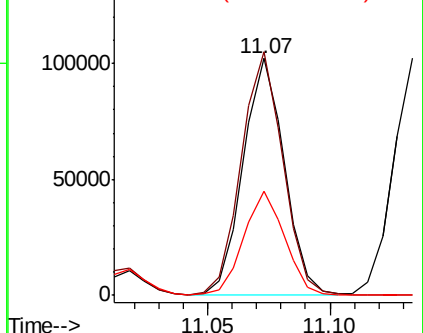
89 44.1 36.3 54.5



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: 50.000 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008182.D

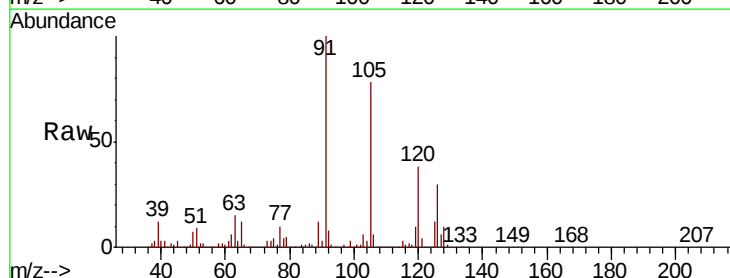
Acq: 19 Mar 2019 11:09

Tgt Ion: 91 Resp: 841321

Ion Ratio Lower Upper

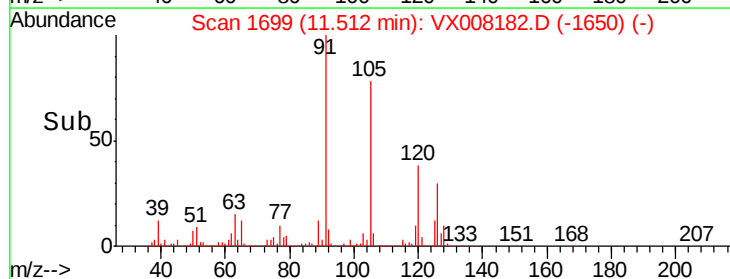
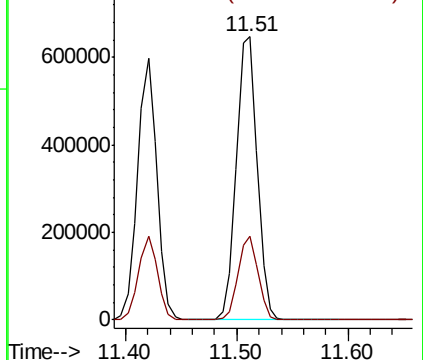
91 100

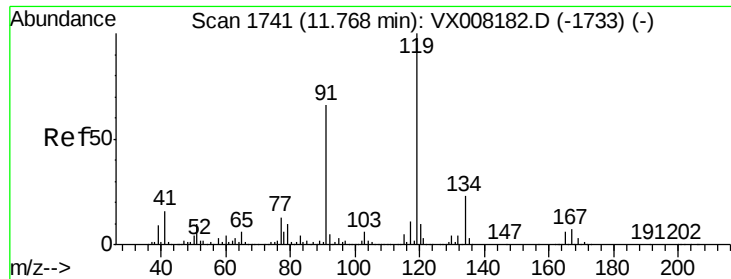
126 28.2 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

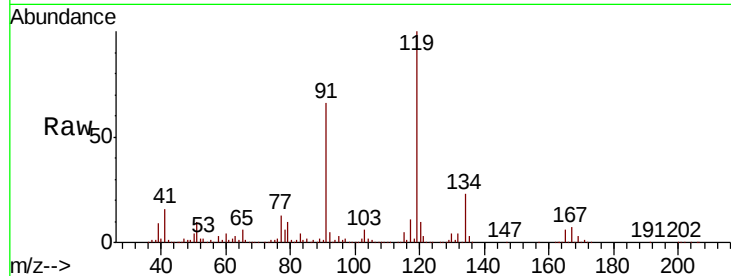




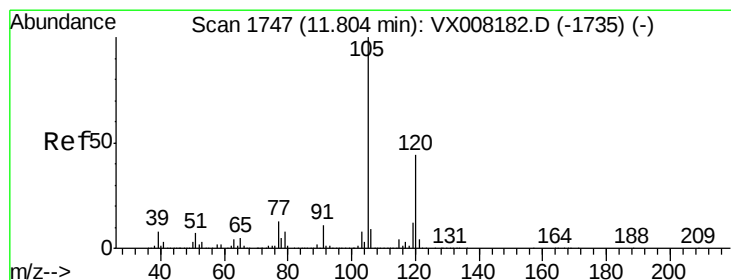
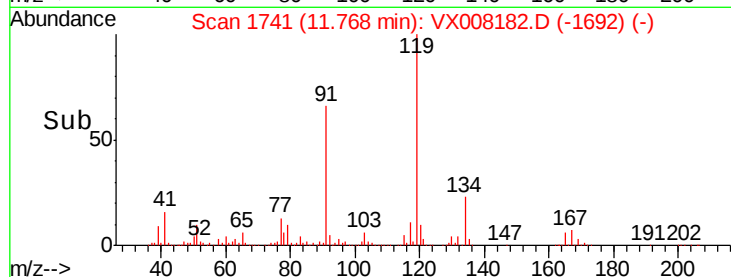
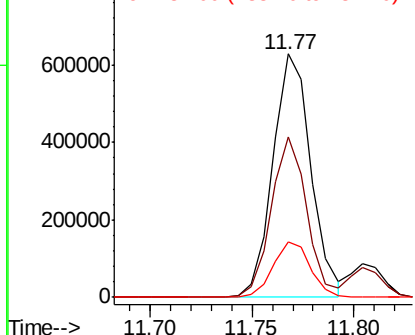
#83
 tert-Butylbenzene
 Concen: 50.000 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 817449
 Ion Ratio Lower Upper
 119 100
 91 61.6 27.1 81.3
 134 22.3 11.4 34.1

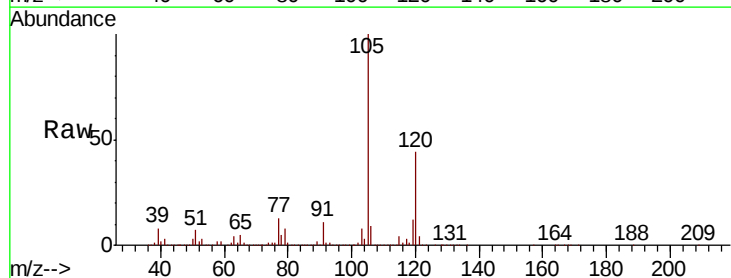


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

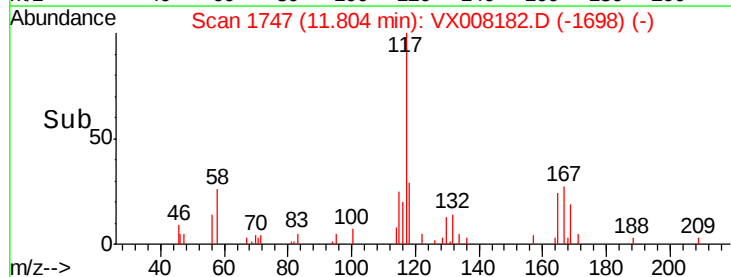
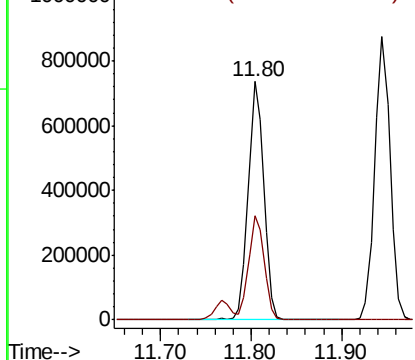


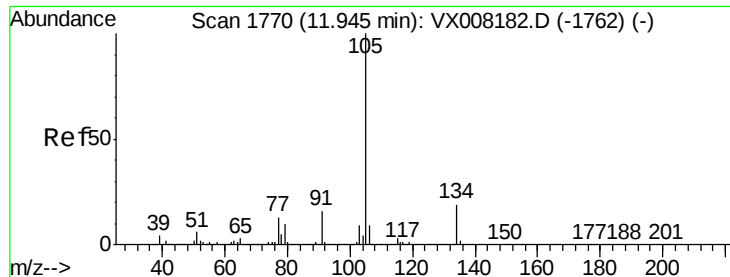
#84
 1,2,4-Trimethylbenzene
 Concen: 50.000 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion:105 Resp: 885825
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.6 67.7



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





#85

sec-Butylbenzene

Concen: 50.000 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

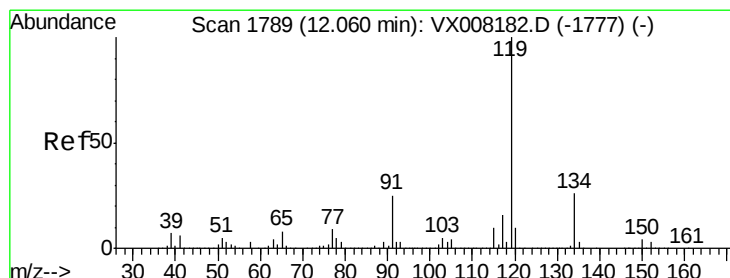
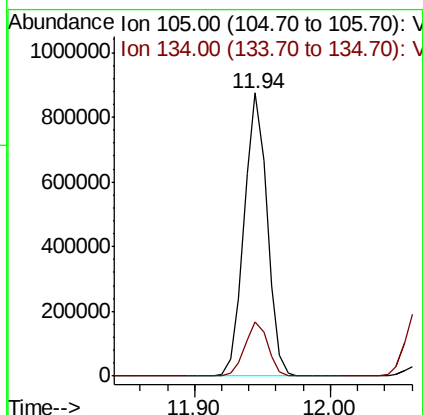
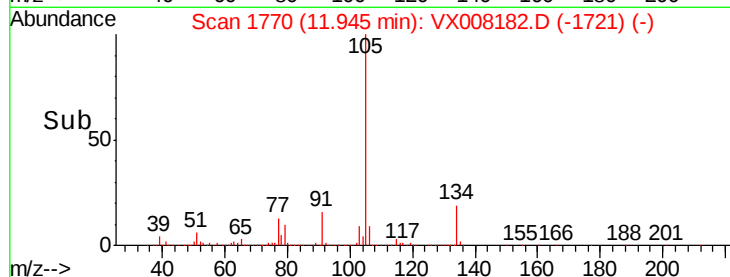
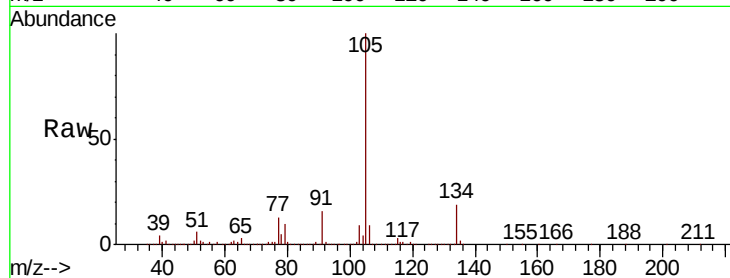
VSTDICCC050

Tgt Ion:105 Resp: 1033324

Ion Ratio Lower Upper

105 100

134 19.2 10.4 31.2



#86

p-Isopropyltoluene

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

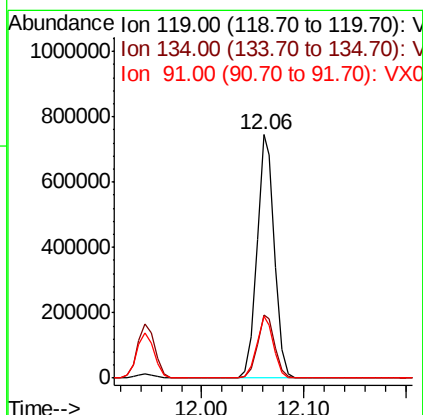
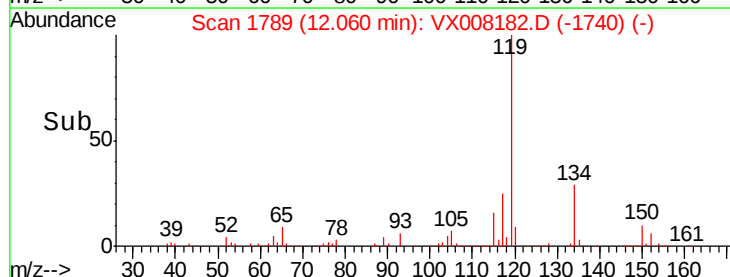
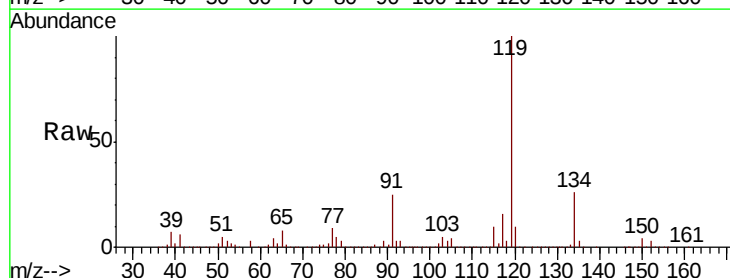
Tgt Ion:119 Resp: 895785

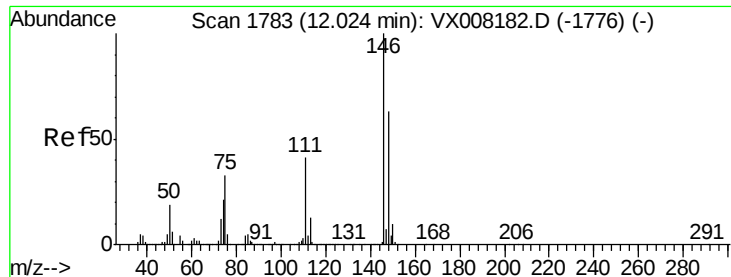
Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

91 24.6 10.9 32.7

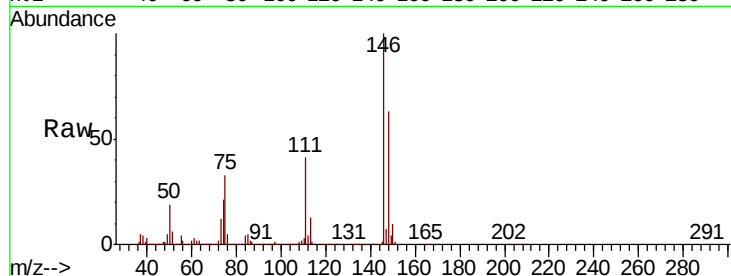




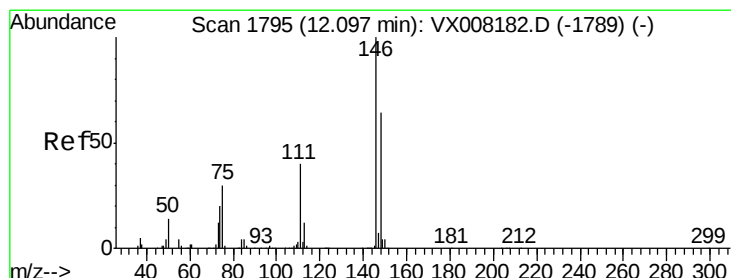
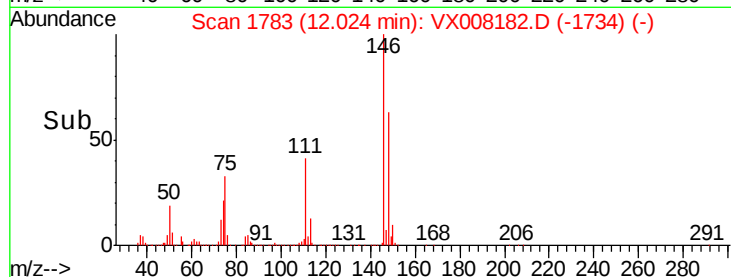
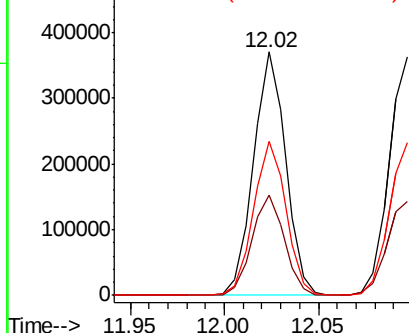
#87
 1,3-Dichlorobenzene
 Concen: 50.000 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 438393
 Ion Ratio Lower Upper
 146 100
 111 41.1 18.9 56.7
 148 63.8 31.7 95.1

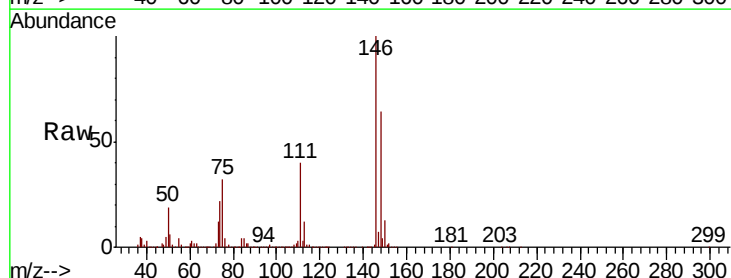


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

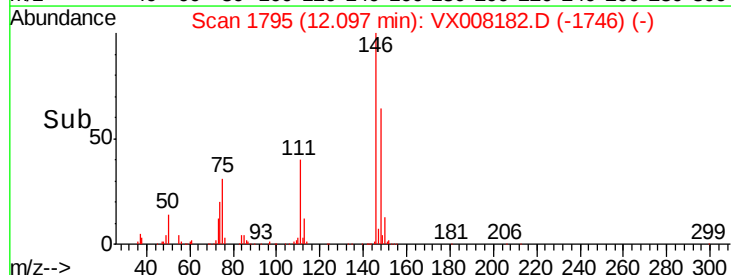
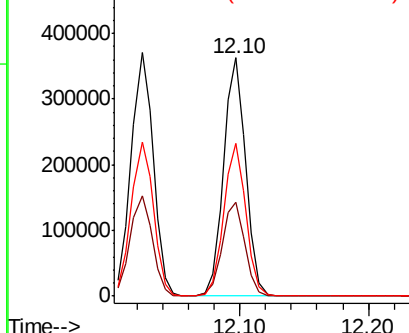


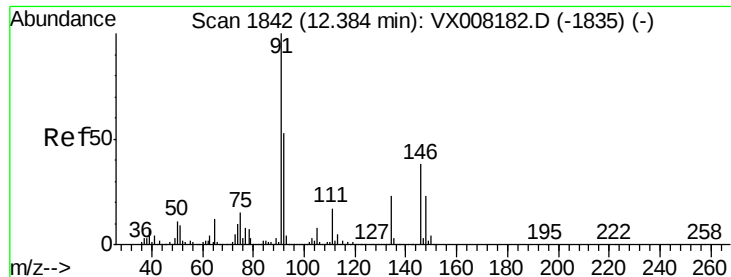
#88
 1,4-Dichlorobenzene
 Concen: 50.000 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion:146 Resp: 438900
 Ion Ratio Lower Upper
 146 100
 111 40.5 18.4 55.0
 148 63.5 32.2 96.6



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: 50.000 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

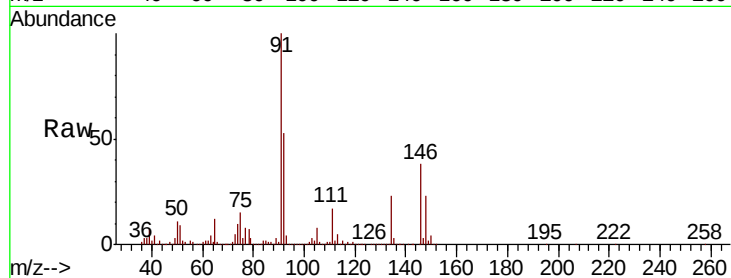
Tgt Ion: 91 Resp: 851765

Ion Ratio Lower Upper

91 100

92 52.5 27.0 80.8

134 24.2 13.7 41.0

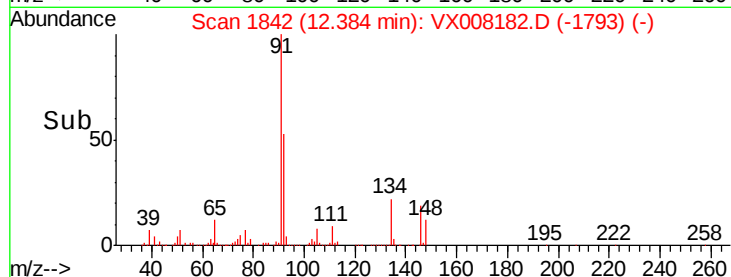


Abundance Ion 91.00 (90.70 to 91.70): VX008182.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX008182.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX008182.D (-1835) (-)

Time-->

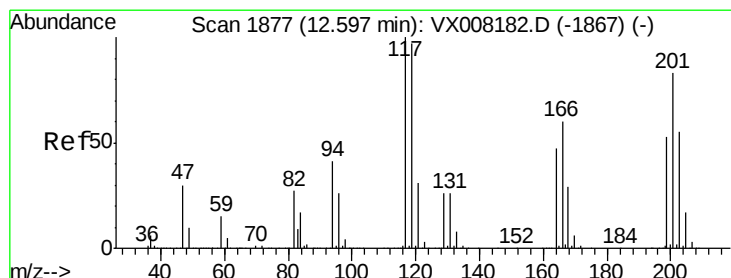


Abundance Ion 91.00 (90.70 to 91.70): VX008182.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008182.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008182.D (-1793) (-)

Time-->



#90

Hexachloroethane

Concen: 50.000 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008182.D

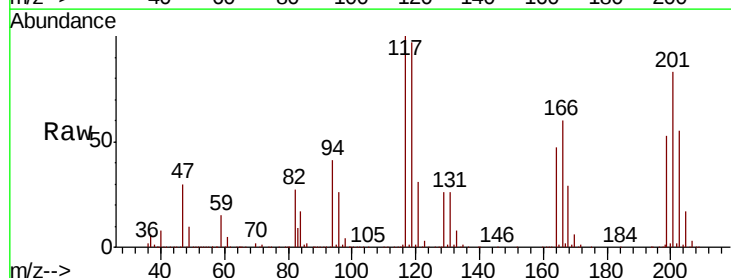
Acq: 19 Mar 2019 11:09

Tgt Ion: 117 Resp: 153999

Ion Ratio Lower Upper

117 100

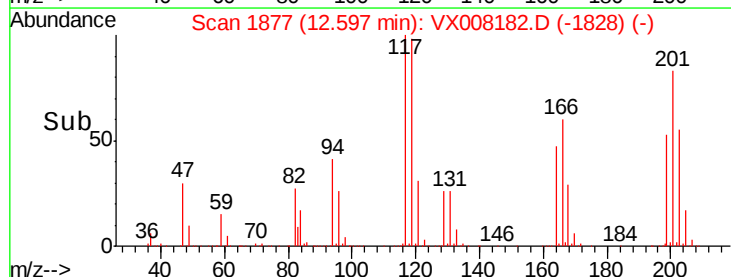
201 80.7 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): VX008182.D (-1867) (-)

Ion 200.70 (200.40 to 201.40): VX008182.D (-1867) (-)

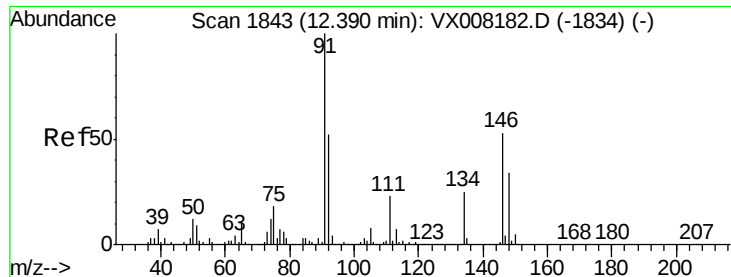
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX008182.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008182.D (-1828) (-)

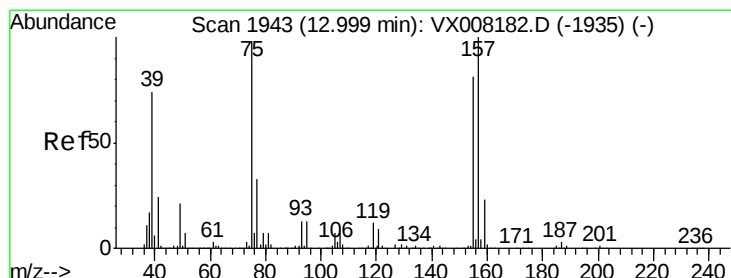
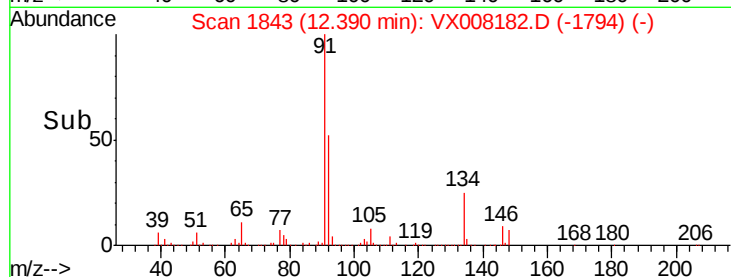
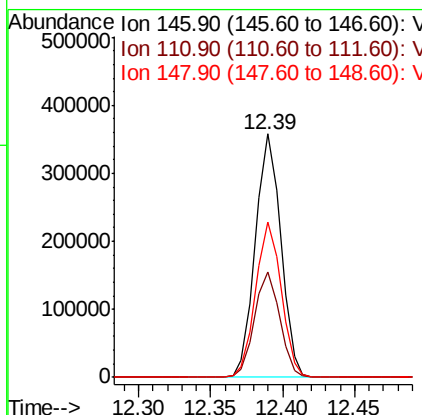
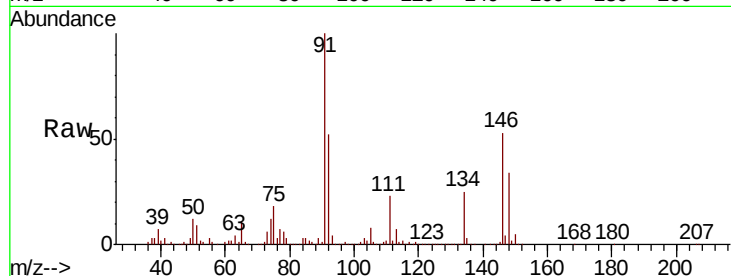
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 50.000 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

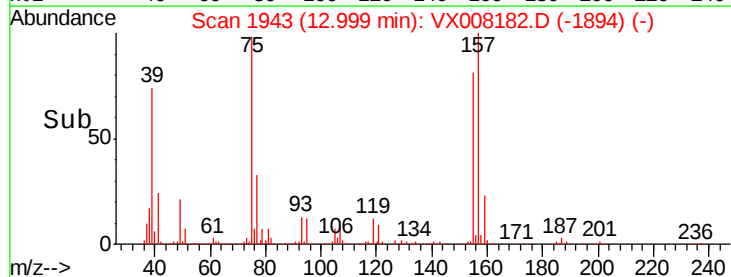
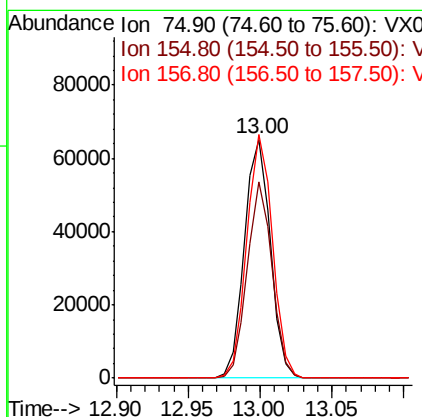
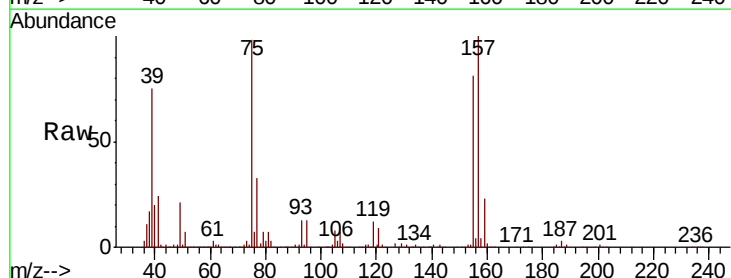
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

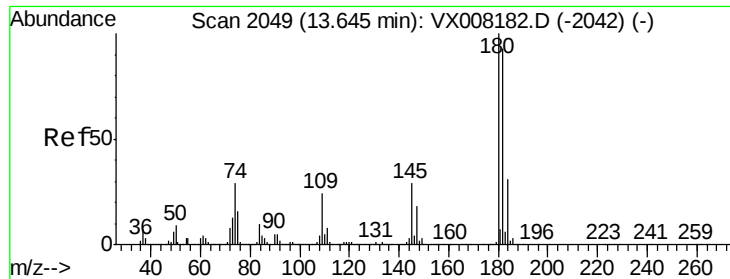
Tgt Ion: 146 Resp: 436881
 Ion Ratio Lower Upper
 146 100
 111 43.0 19.6 58.8
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.000 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008182.D
 Acq: 19 Mar 2019 11:09

Tgt Ion: 75 Resp: 81459
 Ion Ratio Lower Upper
 75 100
 155 78.7 49.7 149.1
 157 100.4 63.8 191.4





#93

1,2,4-Trichlorobenzene

Concen: 50.000 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

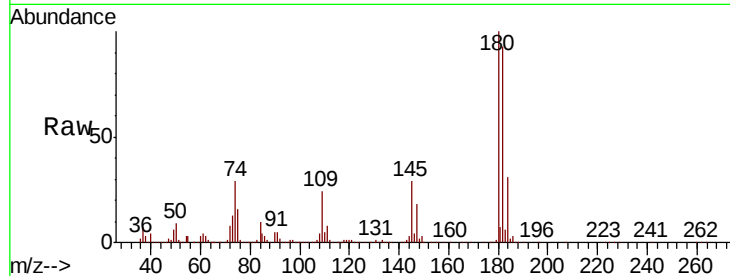
Tgt Ion:180 Resp: 293772

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

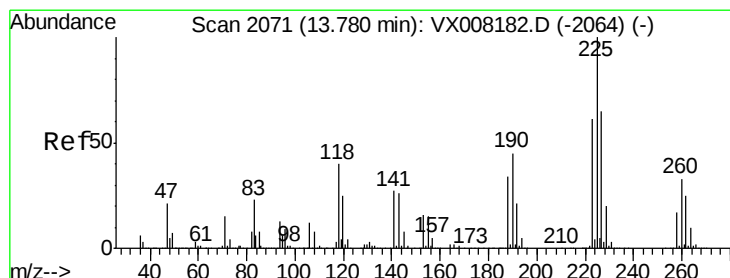
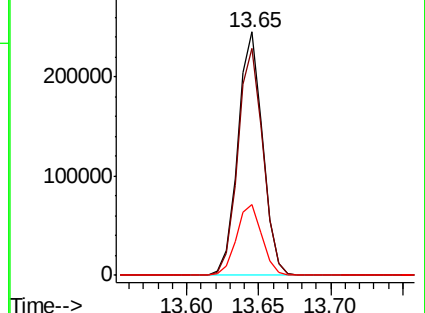
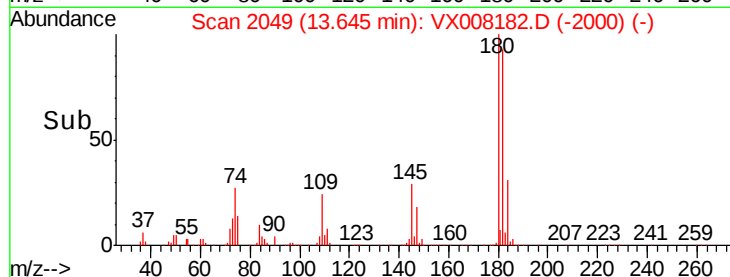
145 30.2 14.1 42.4



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: 50.000 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008182.D

Acq: 19 Mar 2019 11:09

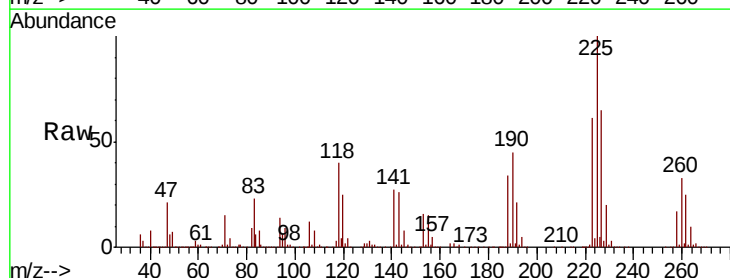
Tgt Ion:225 Resp: 143498

Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.2

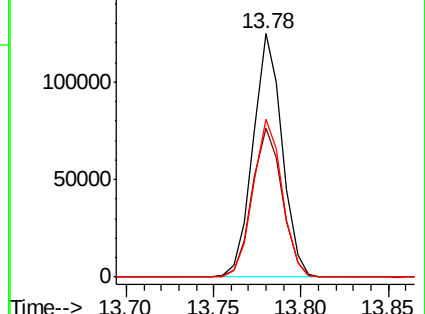
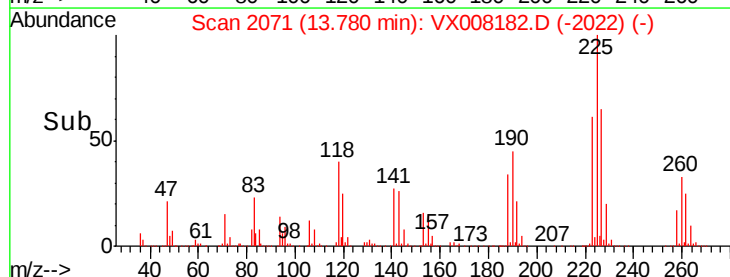
227 65.3 32.0 96.0

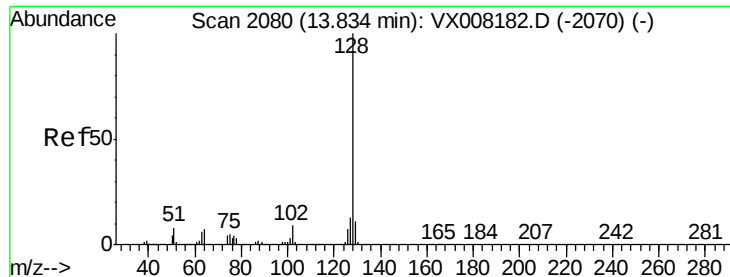


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

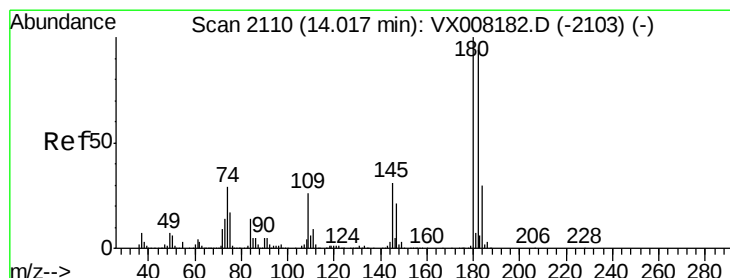
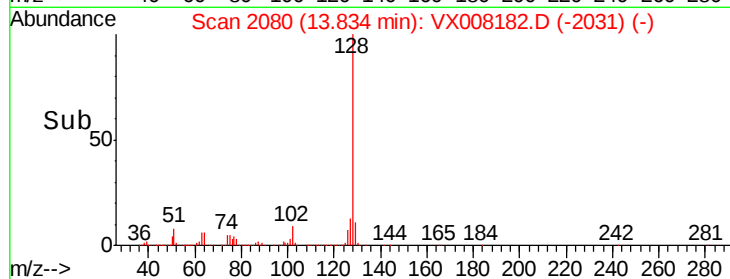
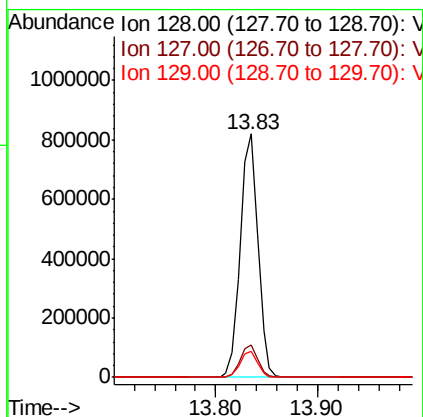
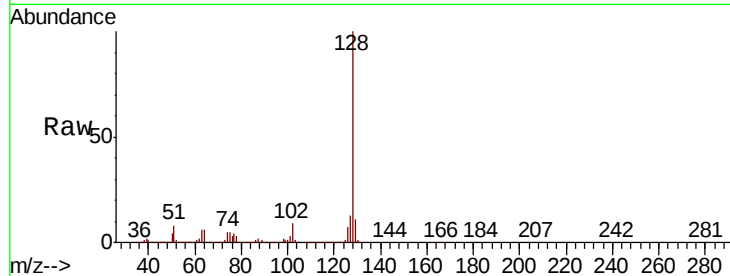




#95
Naphthalene
Concen: 50.000 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 968212
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.000 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008182.D
Acq: 19 Mar 2019 11:09

Tgt Ion:180 Resp: 291150
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 31.5 14.8 44.3

