

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
 Data File : VX008064.D
 Acq On : 14 Mar 2019 10:58
 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 14 14:47:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	465495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155160	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	140978	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	543541	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	195629	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	128955	50.000	ug/l	98
3) Chloromethane	1.33	50	139827	50.000	ug/l	100
4) Vinyl Chloride	1.41	62	133482	50.000	ug/l	99
5) Bromomethane	1.64	94	67795	50.000	ug/l	99
6) Chloroethane	1.72	64	78384	50.000	ug/l	100
7) Trichlorofluoromethane	1.93	101	158219	50.000	ug/l	97
8) Diethyl Ether	2.20	74	85241	50.000	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	125656	50.000	ug/l	99
10) Methyl Iodide	2.51	142	198660	50.000	ug/l	98
11) Tert butyl alcohol	3.07	59	155552	250.000	ug/l	100
12) 1,1-Dichloroethene	2.38	96	120832	50.000	ug/l	95
13) Acrolein	2.30	56	143775	250.000	ug/l	99
14) Allyl chloride	2.73	41	221672	50.000	ug/l	98
15) Acrylonitrile	3.15	53	377969	250.000	ug/l	99
16) Acetone	2.45	43	366692	250.000	ug/l	97
17) Carbon Disulfide	2.57	76	360500	50.000	ug/l	99
18) Methyl Acetate	2.78	43	166077	50.000	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	404994	50.000	ug/l	97
20) Methylene Chloride	2.86	84	132617	50.000	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	129035	50.000	ug/l	96
22) Diisopropyl ether	3.87	45	443678	50.000	ug/l	99
23) Vinyl Acetate	3.82	43	1938776	250.000	ug/l	98
24) 1,1-Dichloroethane	3.70	63	243865	50.000	ug/l	100
25) 2-Butanone	4.70	43	583429	250.000	ug/l	98
26) 2,2-Dichloropropane	4.59	77	182251	50.000	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	151403	50.000	ug/l	98
28) Bromochloromethane	5.02	49	117371	50.000	ug/l	94
29) Tetrahydrofuran	5.15	42	370362	250.000	ug/l	97
30) Chloroform	5.21	83	238467	50.000	ug/l	98
31) Cyclohexane	5.58	56	231712	50.000	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	208535	50.000	ug/l	98
36) 1,1-Dichloropropene	5.80	75	185845	50.000	ug/l	99
37) Ethyl Acetate	4.85	43	205627	50.000	ug/l	98
38) Carbon Tetrachloride	5.79	117	183695	50.000	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241928	50.000	ug/l	100
40) Benzene	6.14	78	570441	50.000	ug/l	99
41) Methacrylonitrile	5.06	41	117255	50.000	ug/l	99
42) 1,2-Dichloroethane	6.20	62	182303	50.000	ug/l	100
43) Isopropyl Acetate	6.46	43	330667	50.000	ug/l	99
44) Trichloroethene	7.21	130	162476	50.000	ug/l	98
45) 1,2-Dichloropropane	7.52	63	152071	50.000	ug/l	99
46) Dibromomethane	7.66	93	96296	50.000	ug/l	98
47) Bromodichloromethane	7.90	83	182569	50.000	ug/l	99
48) Methyl methacrylate	7.77	41	176936	50.000	ug/l	98
49) 1,4-Dioxane	7.75	88	73405	1000.000	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1084500	250.000	ug/l	98
52) Toluene	8.78	92	365604	50.000	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	207963	50.000	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	231434	50.000	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	147369	50.000	ug/l	99
56) Ethyl methacrylate	9.18	69	226466	50.000	ug/l	97
57) 1,3-Dichloropropane	9.37	76	243097	50.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	660653	250.000	ug/l	98
59) 2-Hexanone	9.49	43	834260	250.000	ug/l	98
60) Dibromochloromethane	9.58	129	158322	50.000	ug/l	99
61) 1,2-Dibromoethane	9.67	107	159561	50.000	ug/l	99
64) Tetrachloroethene	9.34	164	165032	50.000	ug/l	99
65) Chlorobenzene	10.14	112	406248	50.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	150244	50.000	ug/l	100
67) Ethyl Benzene	10.25	91	688378	50.000	ug/l	100
68) m/p-Xylenes	10.36	106	530402	100.000	ug/l	100
69) o-Xylene	10.69	106	257676	50.000	ug/l	99
70) Styrene	10.71	104	426503	50.000	ug/l	100
71) Bromoform	10.86	173	126759	50.000	ug/l	# 100
73) Isopropylbenzene	11.02	105	686850	50.000	ug/l	100
74) N-amyl acetate	10.90	43	287354	50.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	214126	50.000	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	255996	70.732	ug/l	90
77) Bromobenzene	11.26	156	183653	50.000	ug/l	98
78) n-propylbenzene	11.36	91	767879	50.000	ug/l	100
79) 2-Chlorotoluene	11.42	91	453394	50.000	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	570325	50.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68180	50.000	ug/l	97
82) 4-Chlorotoluene	11.51	91	516934	50.000	ug/l	99
83) tert-Butylbenzene	11.77	119	558981	50.000	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	586392	50.000	ug/l	100
85) sec-Butylbenzene	11.94	105	683439	50.000	ug/l	100
86) p-Isopropyltoluene	12.06	119	619781	50.000	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	325167	50.000	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	324158	50.000	ug/l	100
89) n-Butylbenzene	12.38	91	516991	50.000	ug/l	99
90) Hexachloroethane	12.60	117	99578	50.000	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	318587	50.000	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47284	50.000	ug/l	97

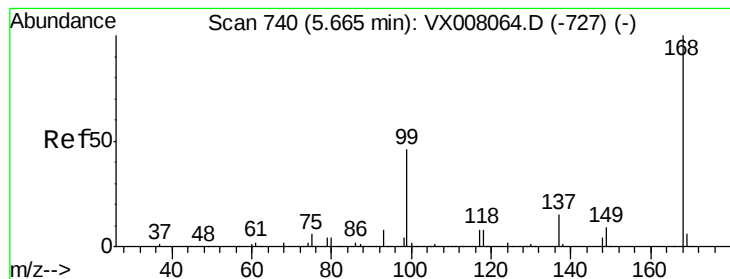
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	229086	50.000	ug/l	99
94) Hexachlorobutadiene	13.78	225	124869	50.000	ug/l	100
95) Naphthalene	13.83	128	677854	50.000	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	228396	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: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

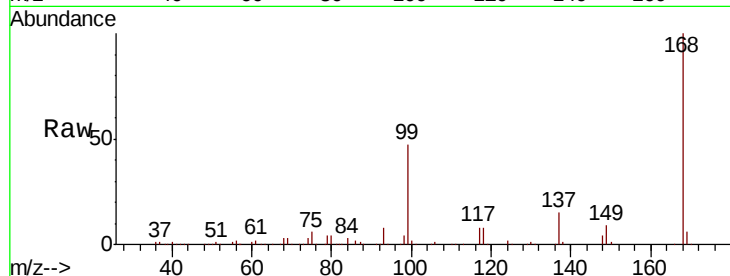
VSTDICCC050

Tgt Ion:168 Resp: 320282

Ion Ratio Lower Upper

168 100

99 46.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

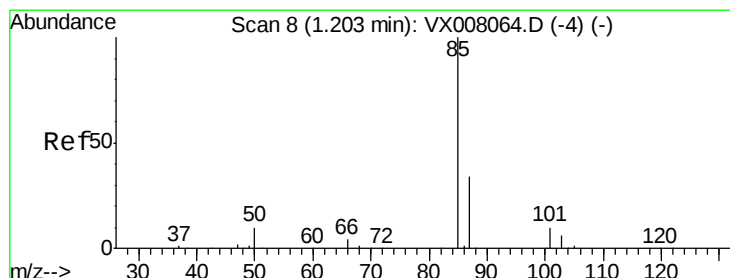
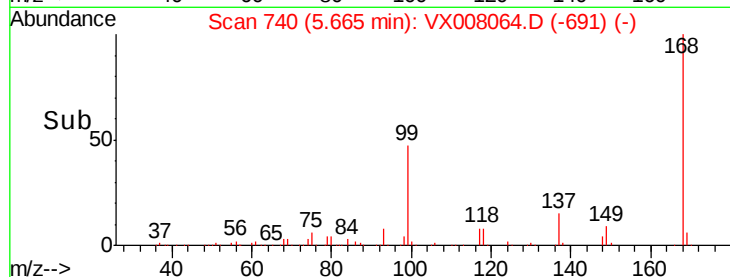
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.000 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX008064.D

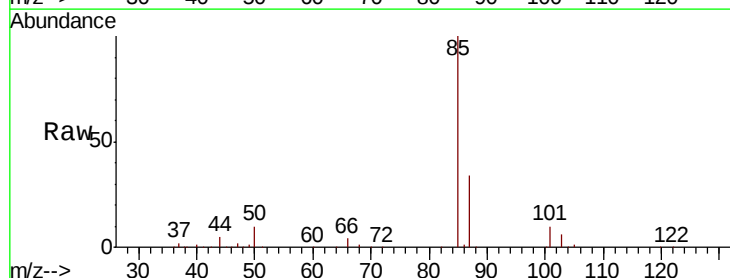
Acq: 14 Mar 2019 10:58

Tgt Ion: 85 Resp: 128955

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

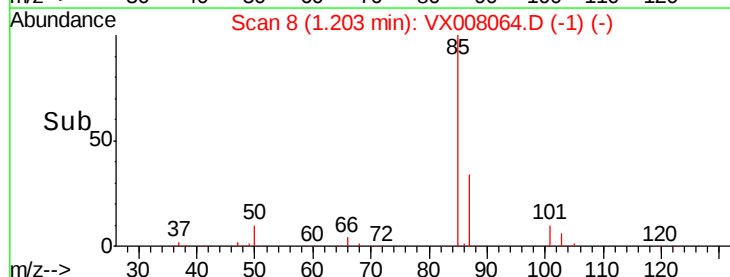
150000

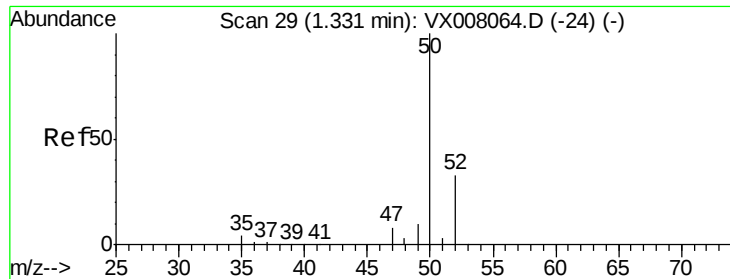
100000

50000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 50.000 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

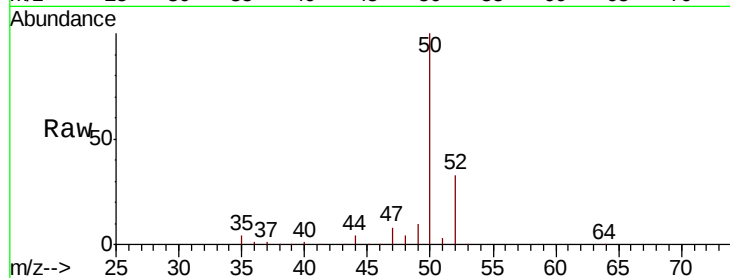
VSTDICCC050

Tgt Ion: 50 Resp: 139827

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX008064.D (-24) (-)

Ion 51.90 (51.60 to 52.60): VX008064.D (-24) (-)

1.33

150000

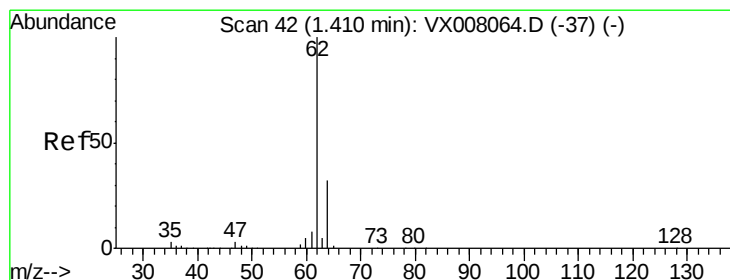
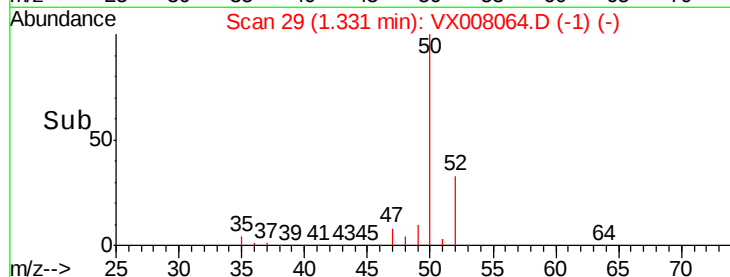
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50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 50.000 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008064.D

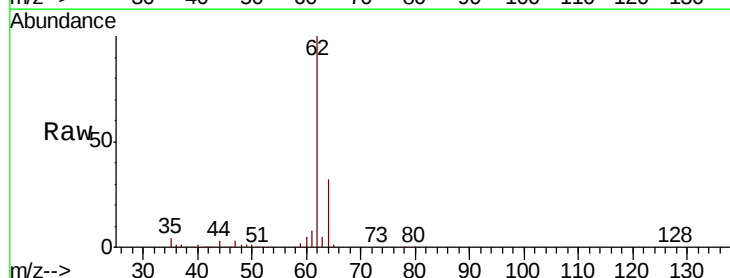
Acq: 14 Mar 2019 10:58

Tgt Ion: 62 Resp: 133482

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX008064.D (-37) (-)

Ion 63.90 (63.60 to 64.60): VX008064.D (-37) (-)

1.41

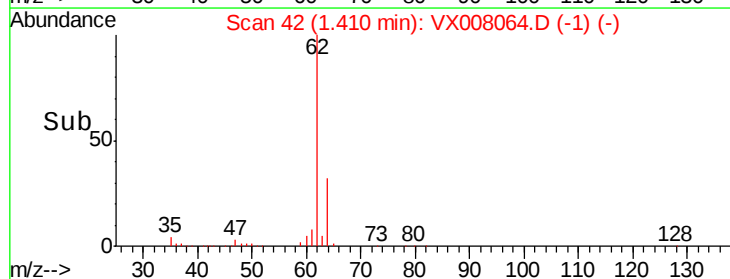
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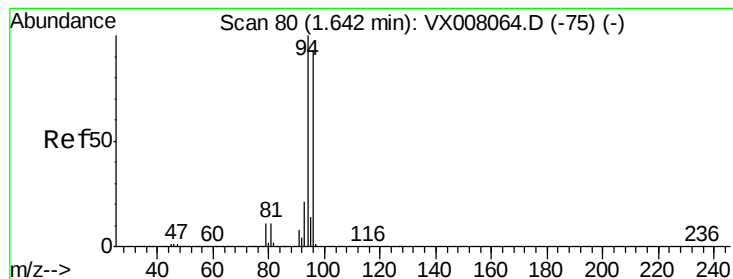
50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 50.000 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

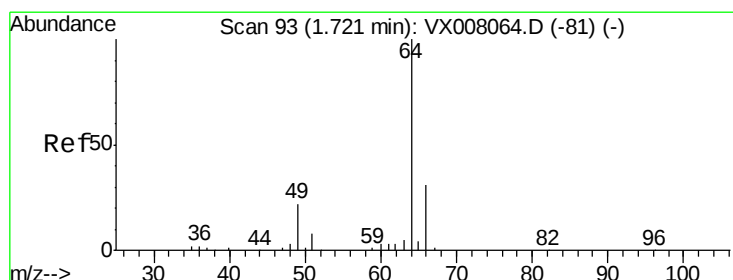
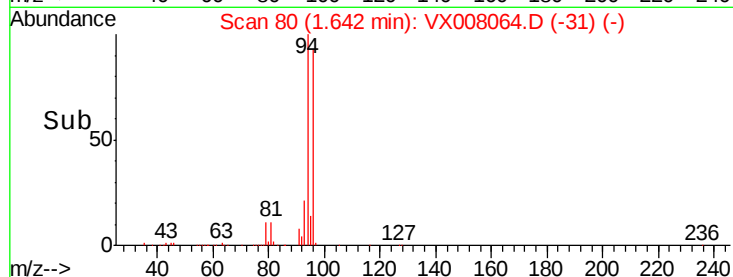
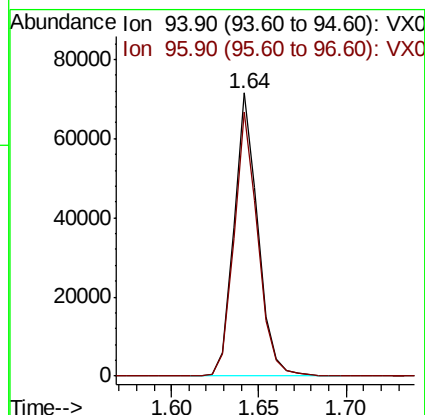
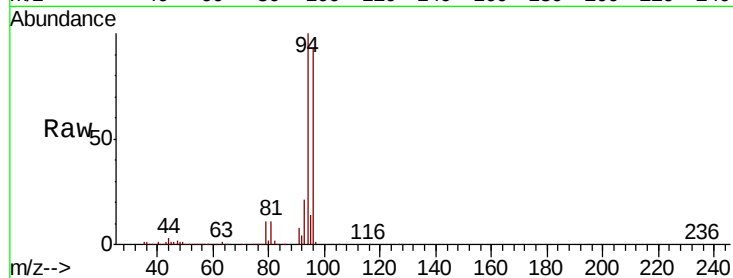
VSTDICCC050

Tgt Ion: 94 Resp: 67795

Ion Ratio Lower Upper

94 100

96 93.1 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: VX008064.D

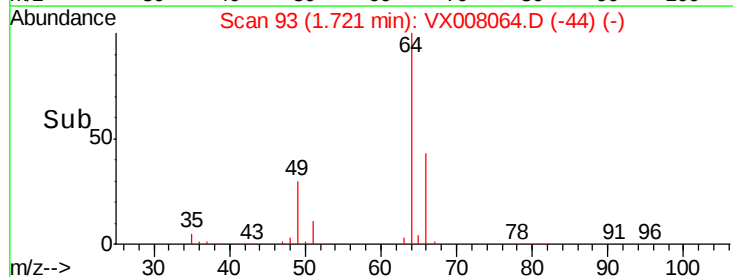
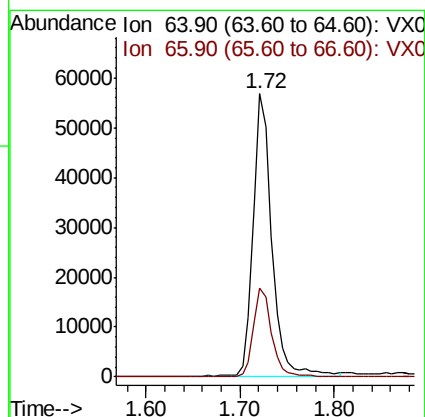
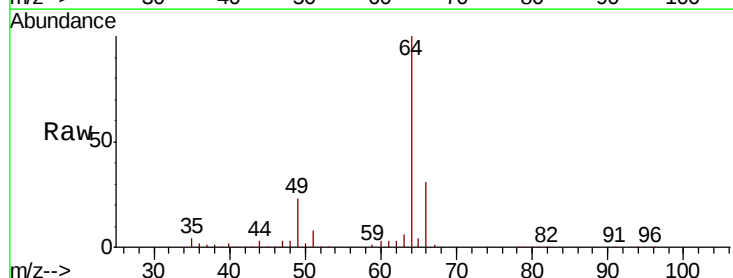
Acq: 14 Mar 2019 10:58

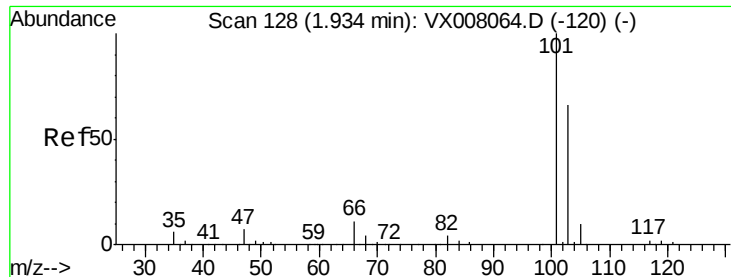
Tgt Ion: 64 Resp: 78384

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8



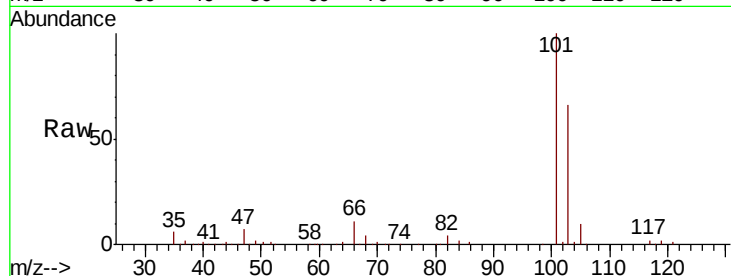


#7

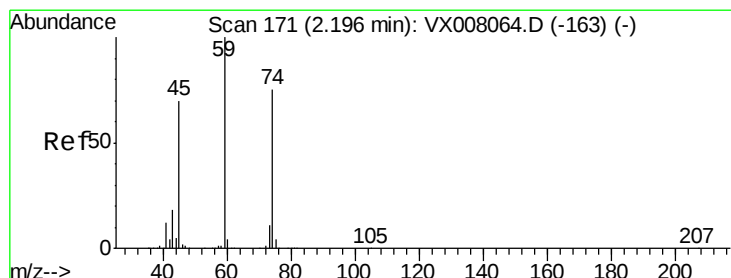
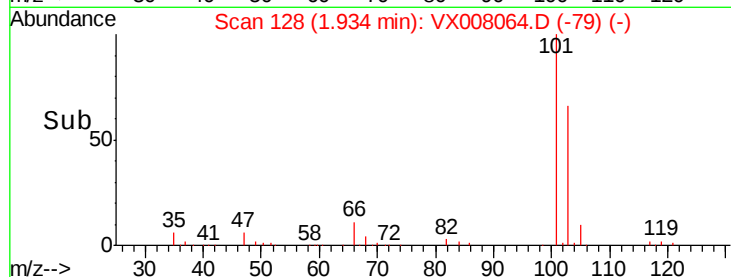
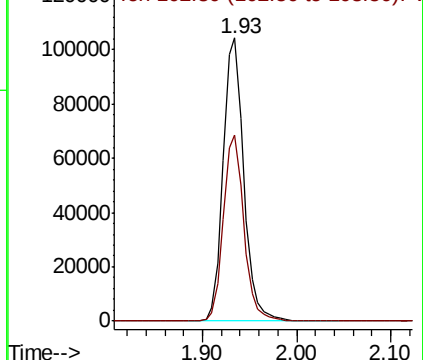
Trichlorofluoromethane
 Concen: 50.000 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 101 Resp: 158219
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.4 75.6



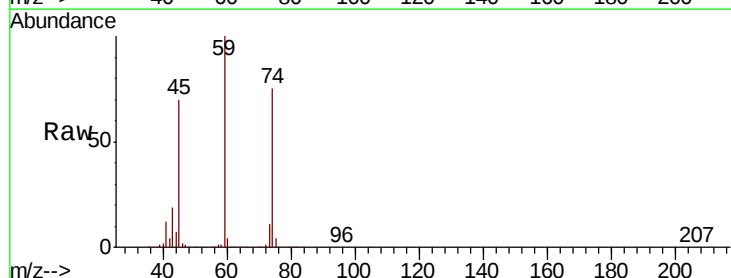
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



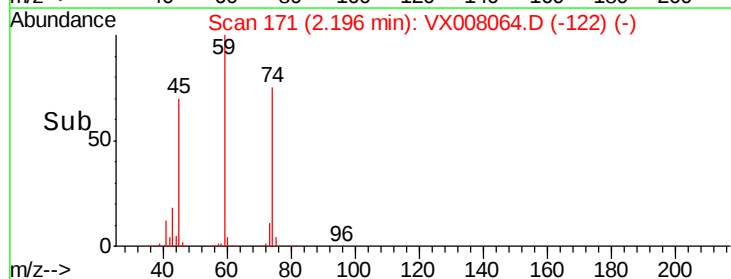
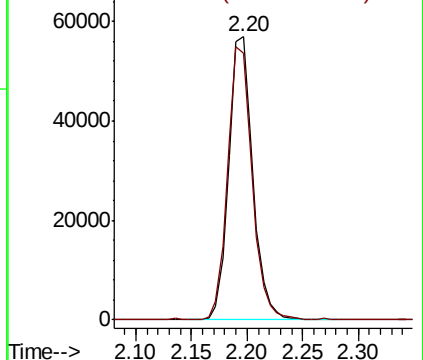
#8

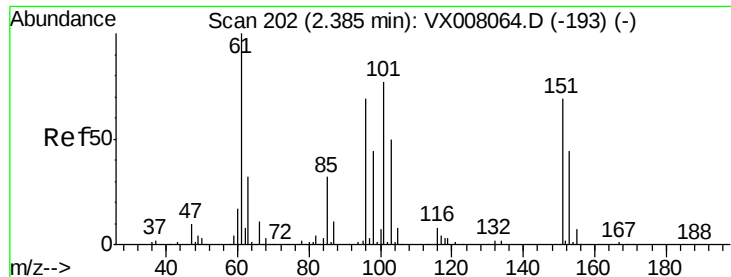
Diethyl Ether
 Concen: 50.000 ug/l
 RT: 2.20 min Scan# 171
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Tgt Ion: 74 Resp: 85241
 Ion Ratio Lower Upper
 74 100
 45 97.8 52.1 156.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.000 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

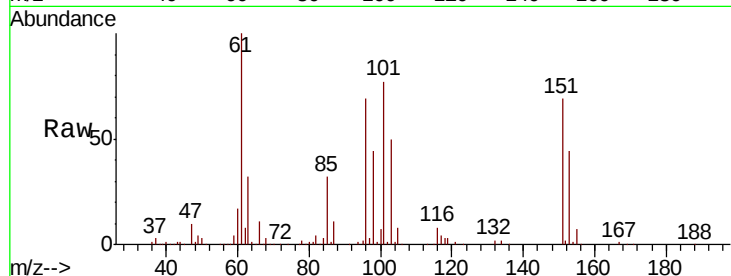
Tgt Ion:101 Resp: 125656

Ion Ratio Lower Upper

101 100

85 41.4 33.8 50.6

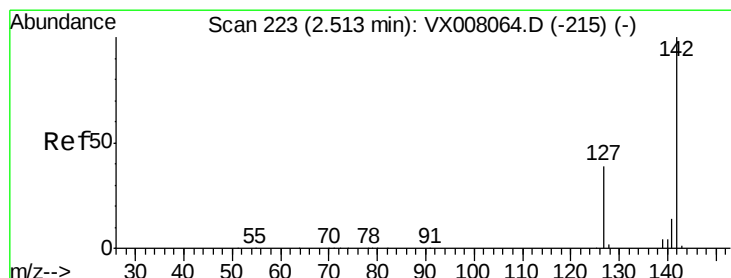
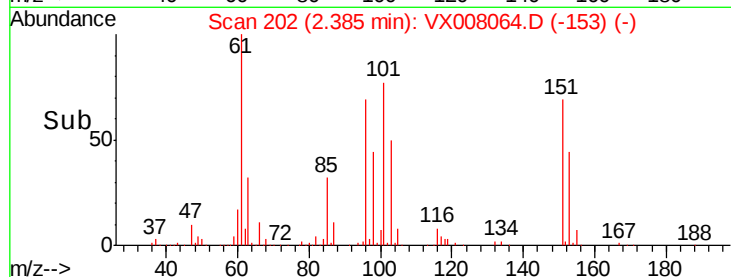
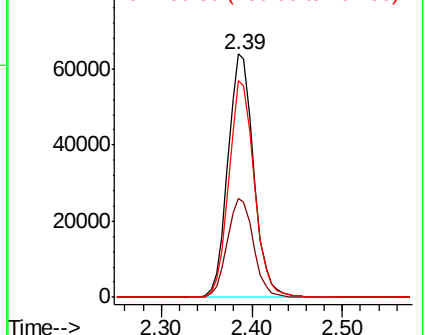
151 87.9 69.1 103.7



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: VX008064.D

Acq: 14 Mar 2019 10:58

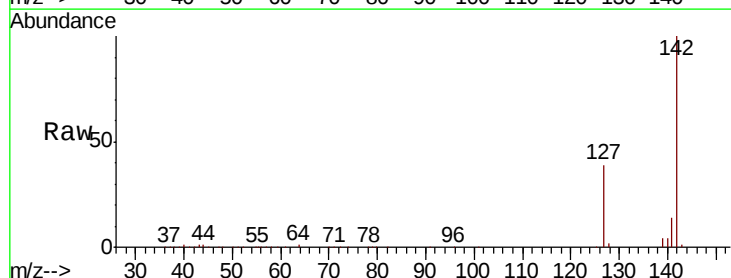
Tgt Ion:142 Resp: 198660

Ion Ratio Lower Upper

142 100

127 38.3 32.1 48.1

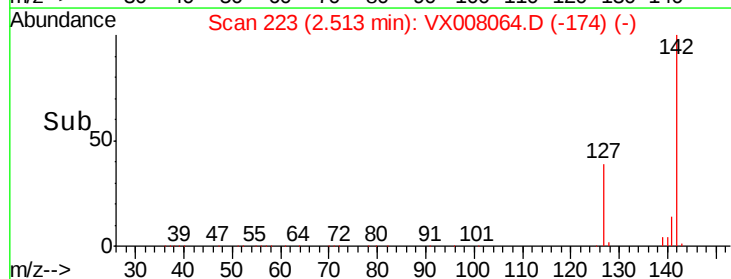
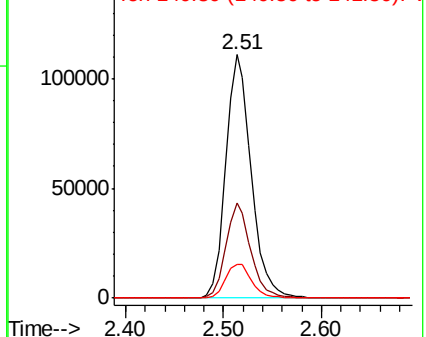
141 14.5 11.4 17.2

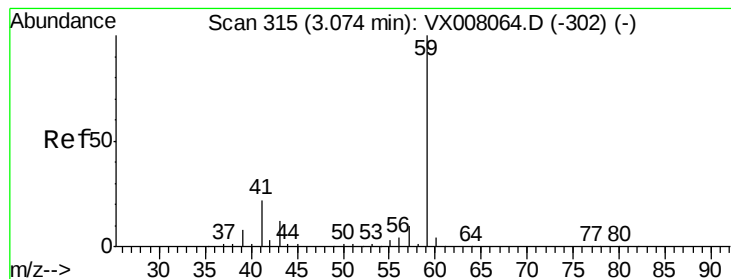


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



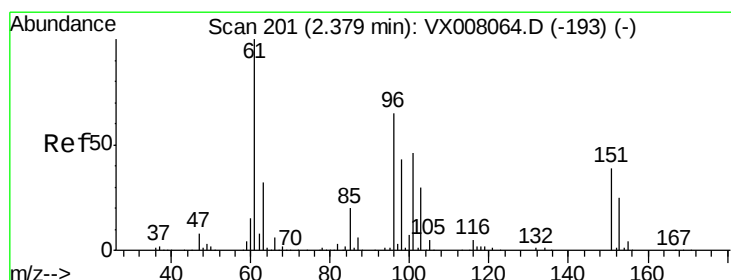
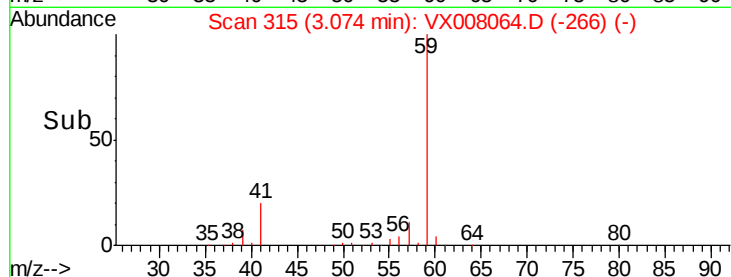
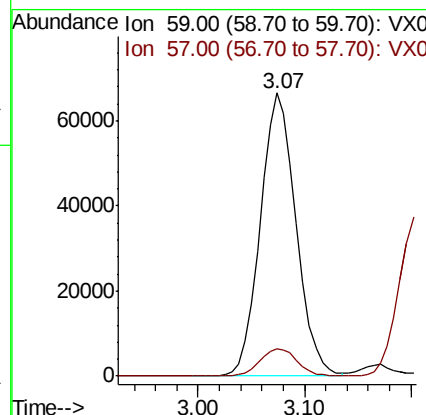
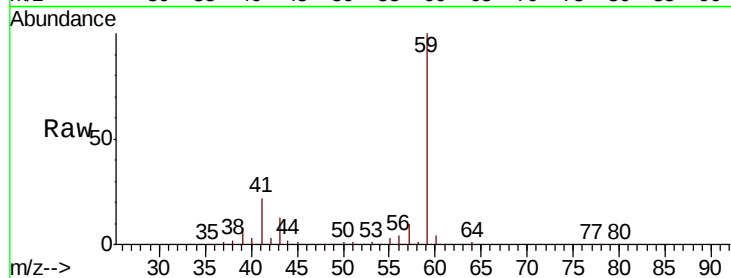


#11

Tert butyl alcohol
Concen: 250.000 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

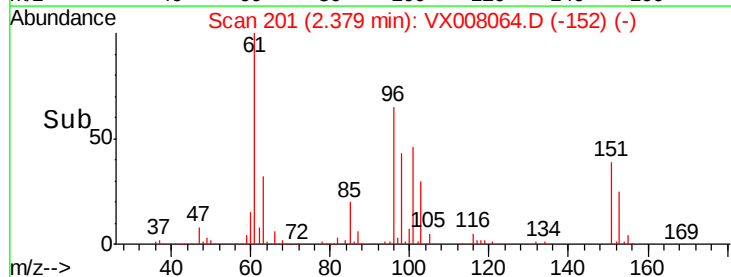
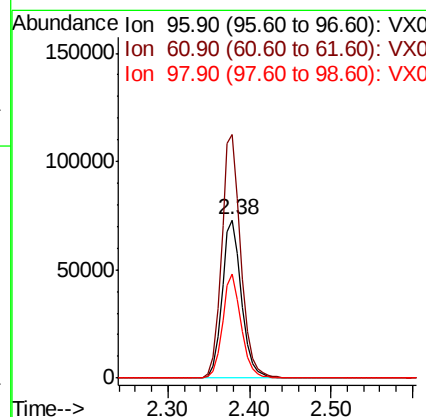
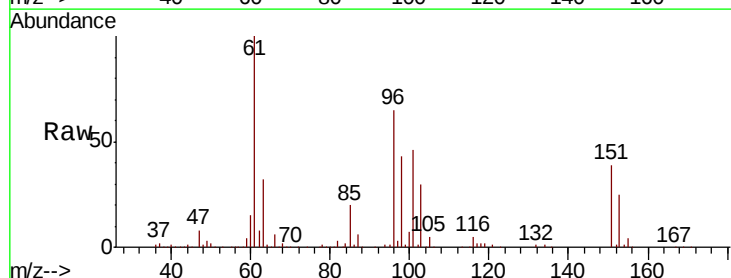
Tgt Ion: 59 Resp: 15552
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

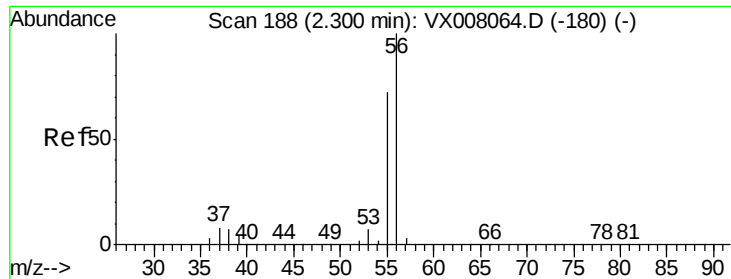


#12

1,1-Dichloroethene
Concen: 50.000 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 96 Resp: 120832
Ion Ratio Lower Upper
96 100
61 153.9 129.8 194.6
98 66.0 51.0 76.6

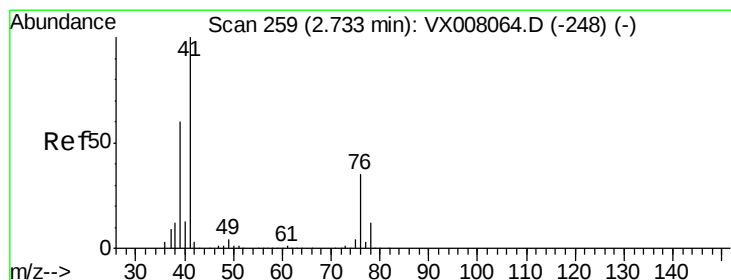
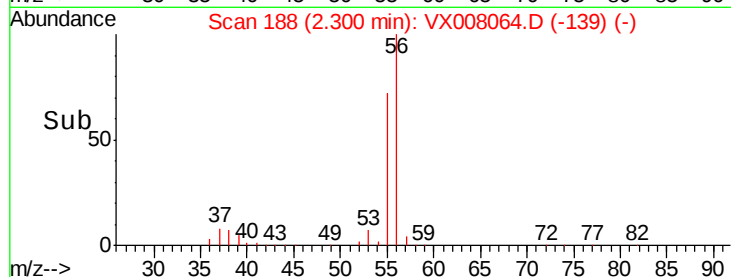
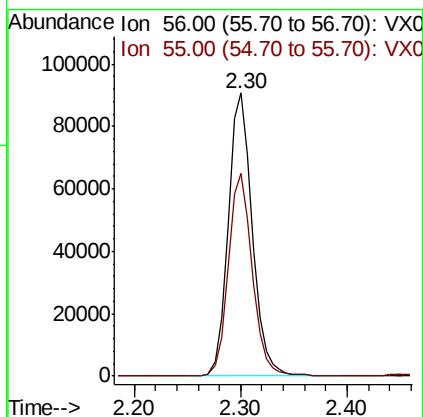
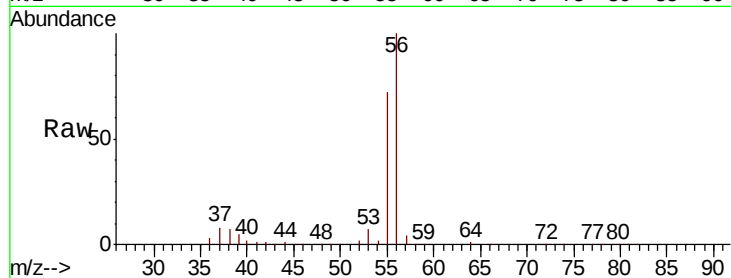




#13
Acrolein
Concen: 250.000 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

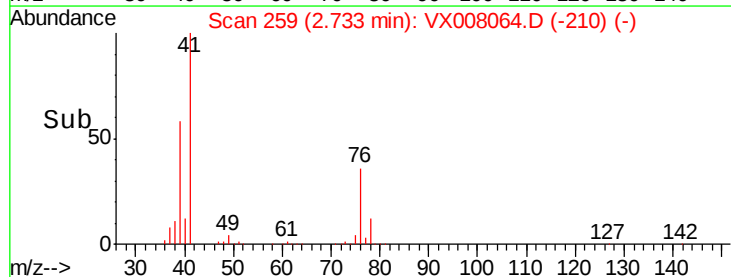
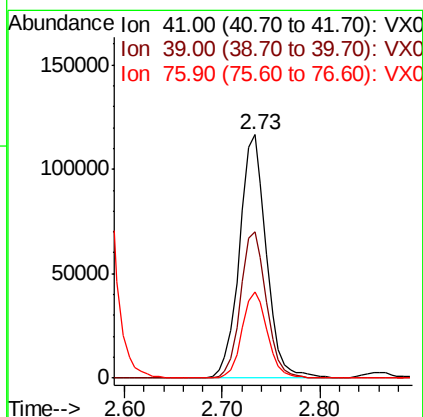
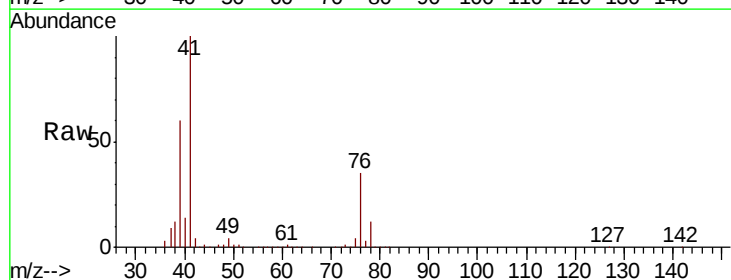
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

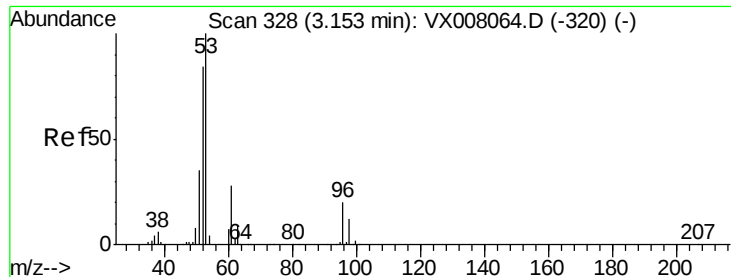
Tgt Ion: 56 Resp: 143775
Ion Ratio Lower Upper
56 100
55 71.7 57.8 86.6



#14
Allyl chloride
Concen: 50.000 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 41 Resp: 221672
Ion Ratio Lower Upper
41 100
39 58.1 46.1 69.1
76 33.2 24.0 36.0





#15

Acrylonitrile

Concen: 250.000 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

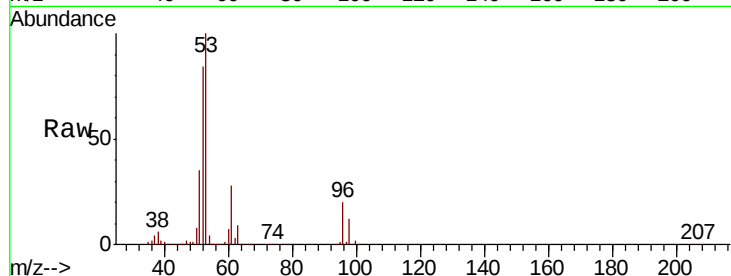
Tgt Ion: 53 Resp: 377969

Ion Ratio Lower Upper

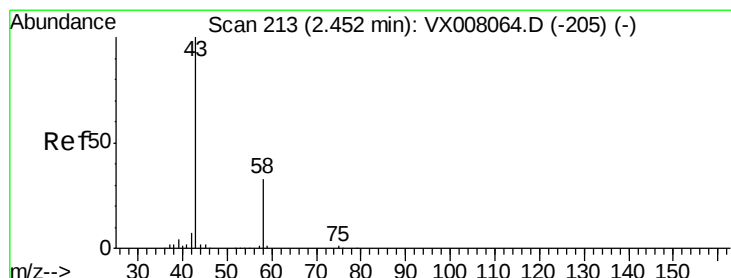
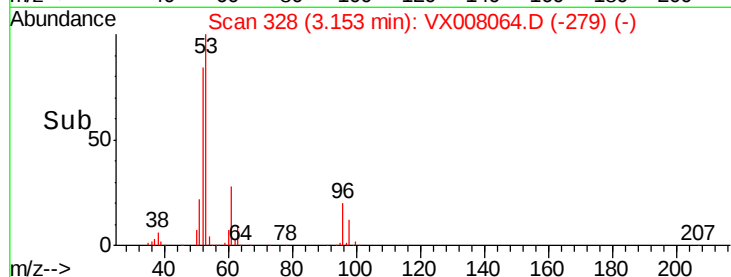
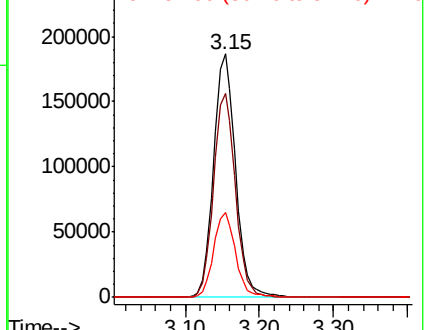
53 100

52 83.2 66.0 99.0

51 34.9 28.0 42.0



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



#16

Acetone

Concen: 250.000 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX008064.D

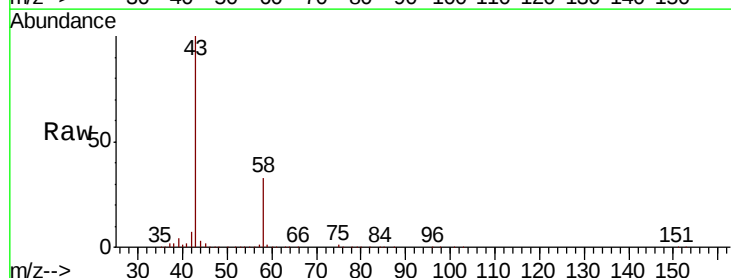
Acq: 14 Mar 2019 10:58

Tgt Ion: 43 Resp: 366692

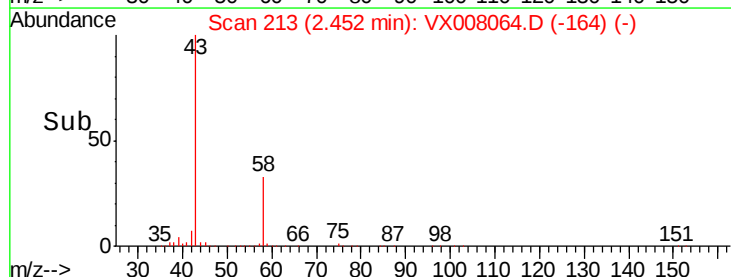
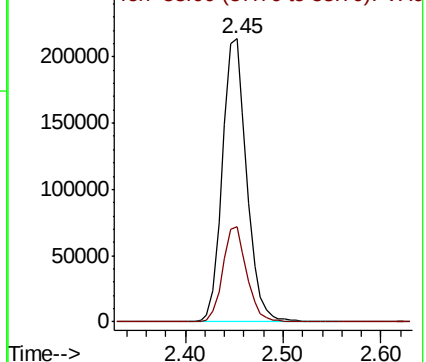
Ion Ratio Lower Upper

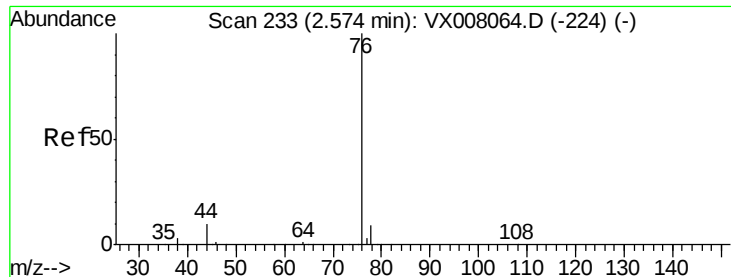
43 100

58 33.4 25.5 38.3



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

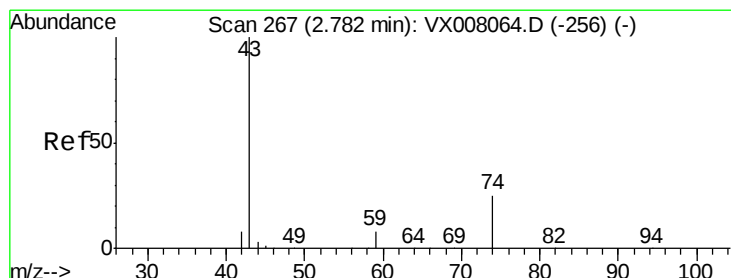
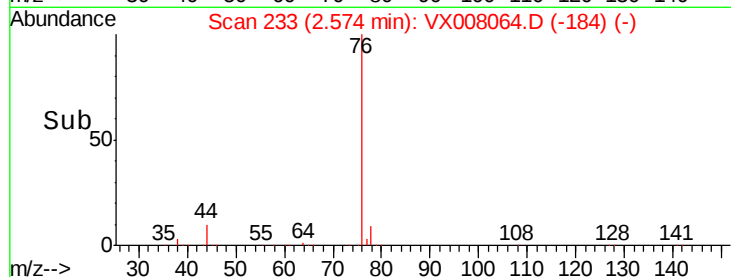
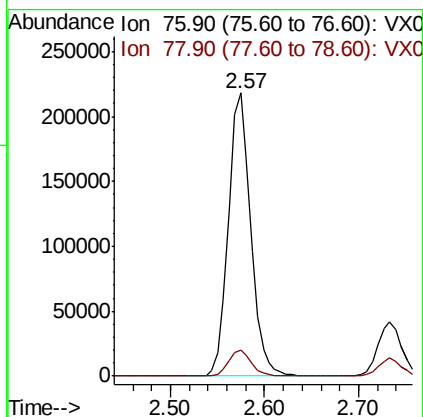
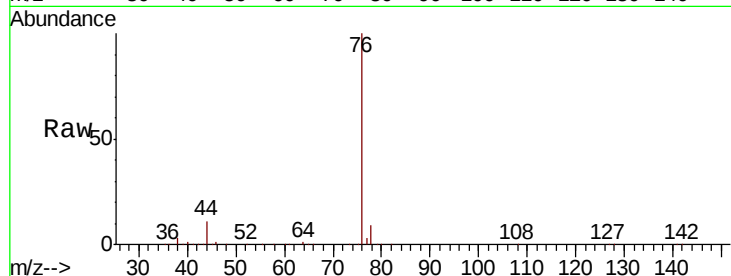




#17
Carbon Disulfide
Concen: 50.000 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

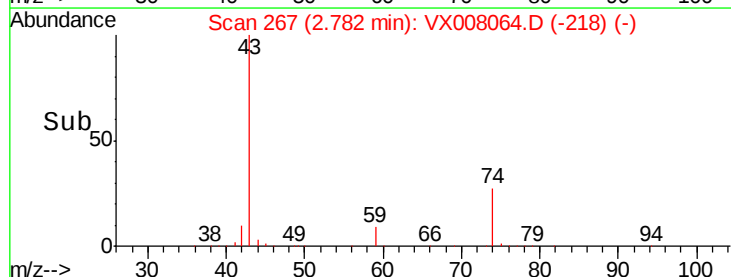
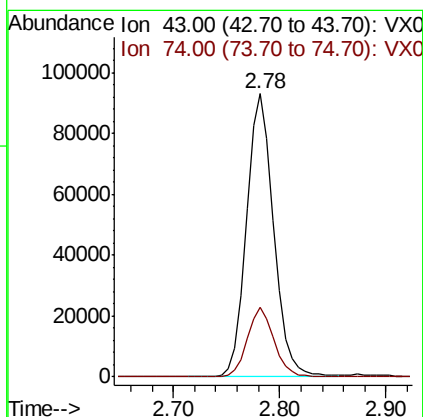
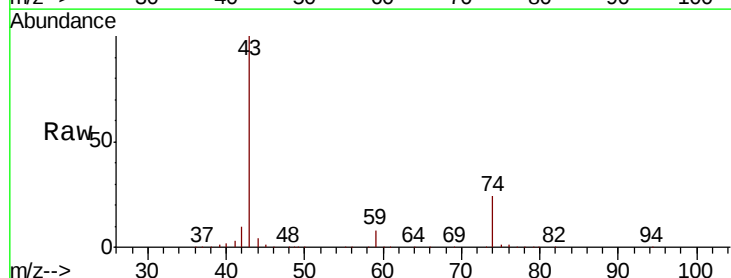
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

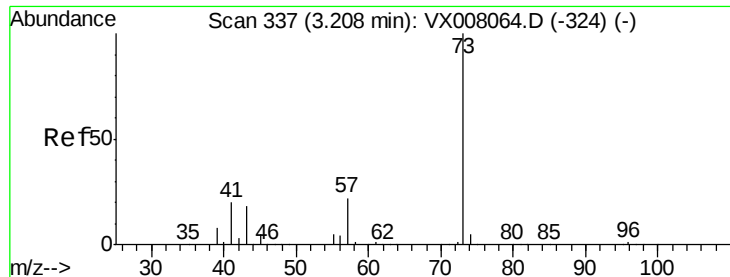
Tgt Ion: 76 Resp: 360500
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 50.000 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 43 Resp: 166077
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.6



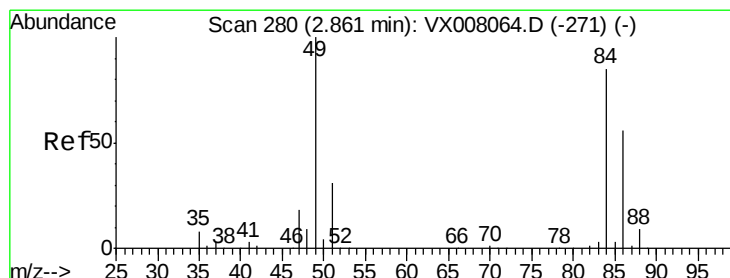
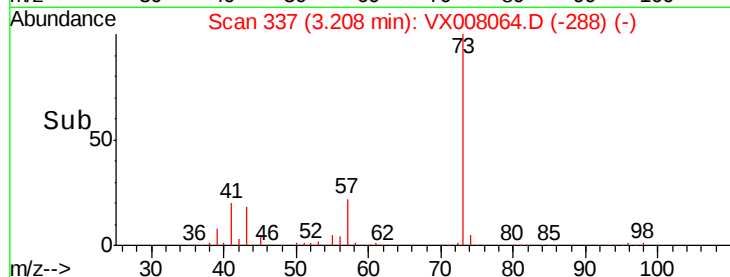
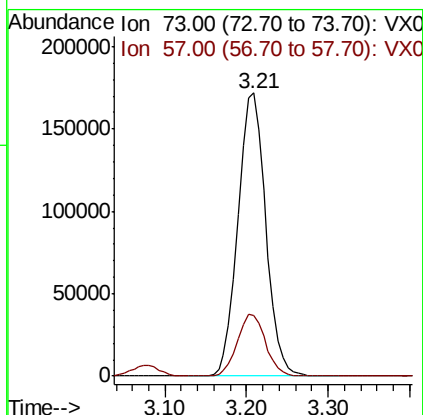
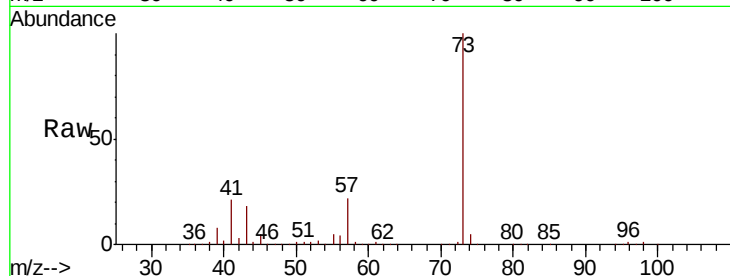


#19

Methyl tert-butyl Ether
 Concen: 50.000 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

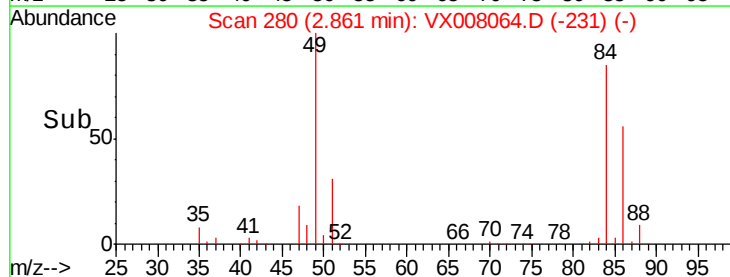
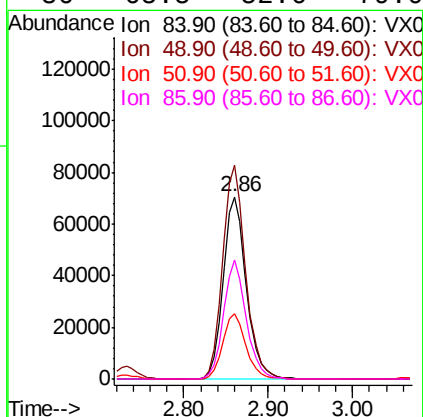
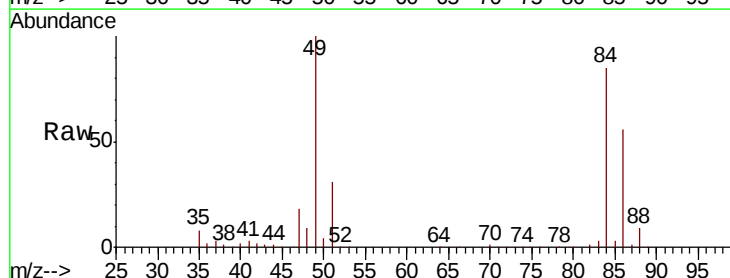
Tgt Ion: 73 Resp: 404994
 Ion Ratio Lower Upper
 73 100
 57 21.6 18.2 27.4

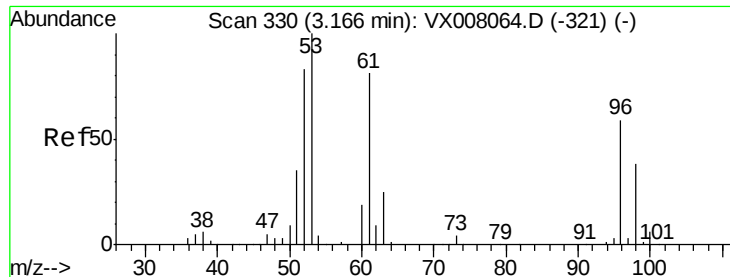


#20

Methylene Chloride
 Concen: 50.000 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Tgt Ion: 84 Resp: 132617
 Ion Ratio Lower Upper
 84 100
 49 117.2 99.3 148.9
 51 35.9 31.3 46.9
 86 65.5 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: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

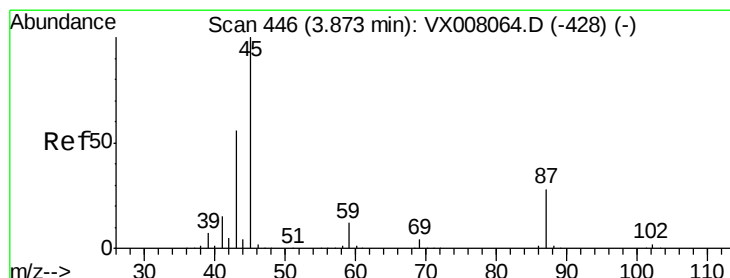
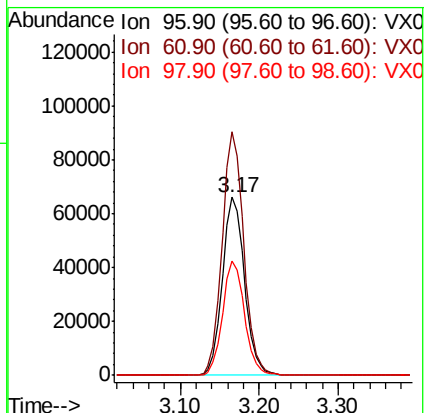
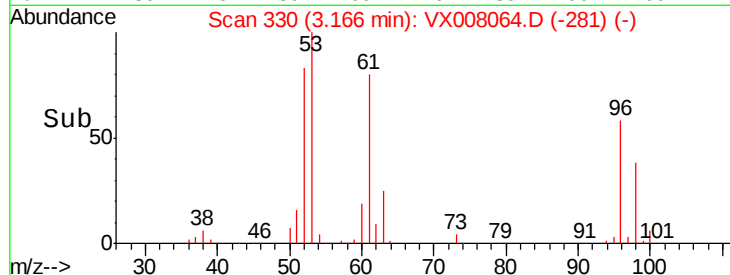
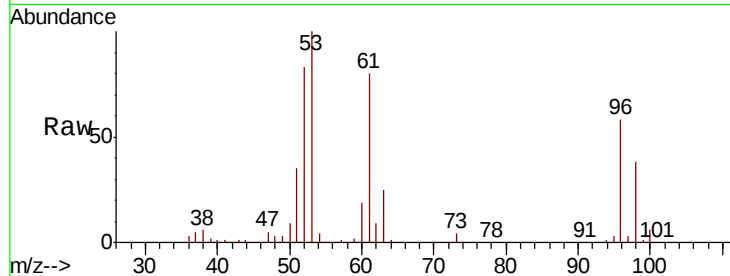
Tgt Ion: 96 Resp: 129035

Ion Ratio Lower Upper

96 100

61 137.0 114.4 171.6

98 64.4 51.1 76.7



#22

Diisopropyl ether

Concen: 50.000 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Tgt Ion: 45 Resp: 443678

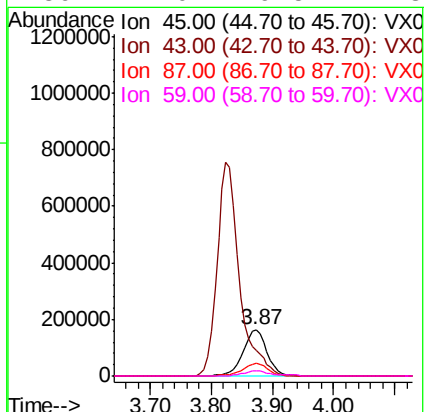
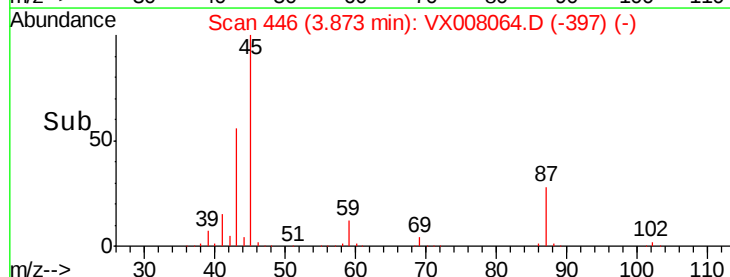
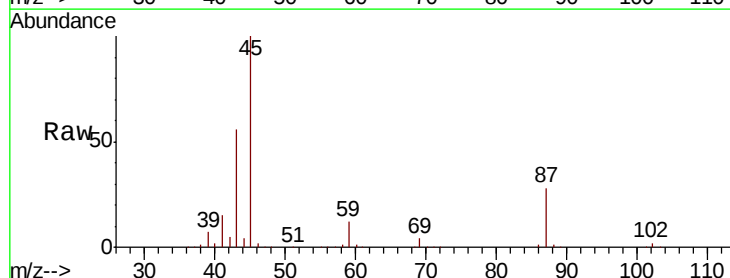
Ion Ratio Lower Upper

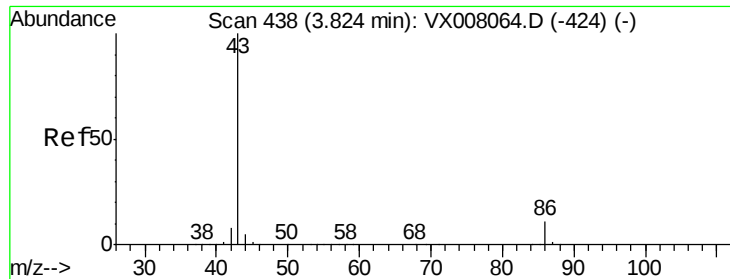
45 100

43 55.8 45.3 67.9

87 27.9 21.4 32.0

59 12.0 9.5 14.3





#23

Vinyl Acetate

Concen: 250.000 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

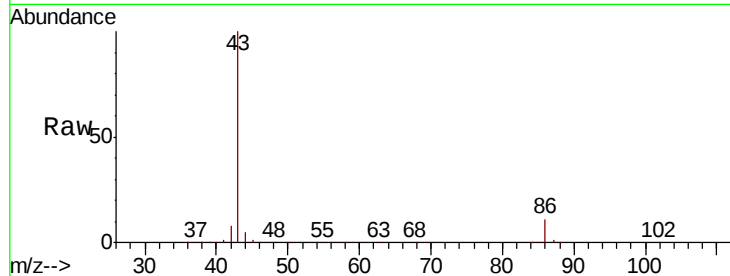
VSTDICCC050

Tgt Ion: 43 Resp: 1938776

Ion Ratio Lower Upper

43 100

86 10.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX008064.D (-424) (-)

Ion 86.00 (85.70 to 86.70): VX008064.D (-424) (-)

3.82

800000

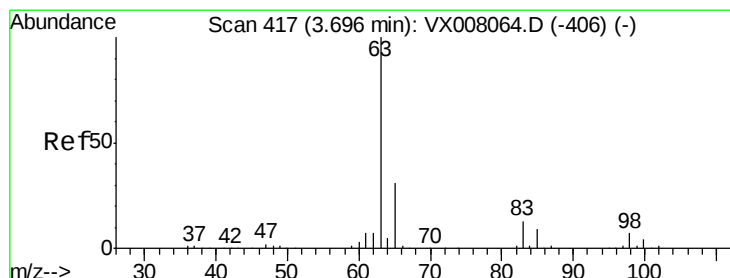
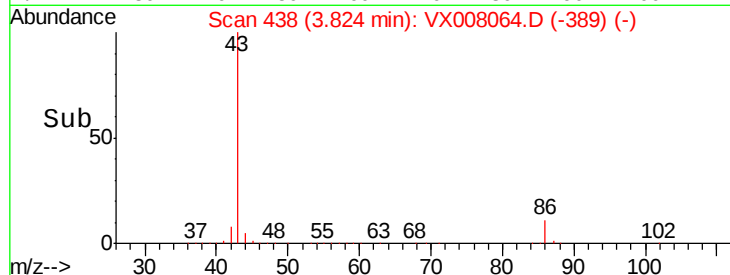
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.000 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

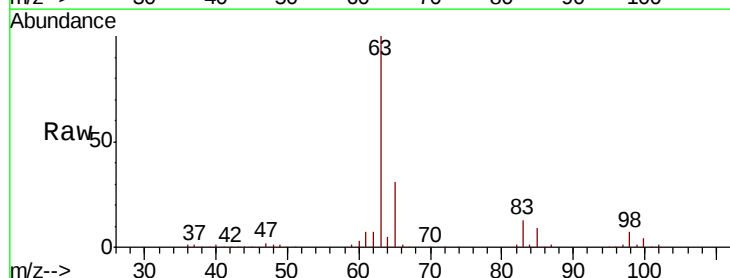
Tgt Ion: 63 Resp: 243865

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX008064.D (-406) (-)

Ion 97.90 (97.60 to 98.60): VX008064.D (-406) (-)

Ion 99.90 (99.60 to 100.60): VX008064.D (-406) (-)

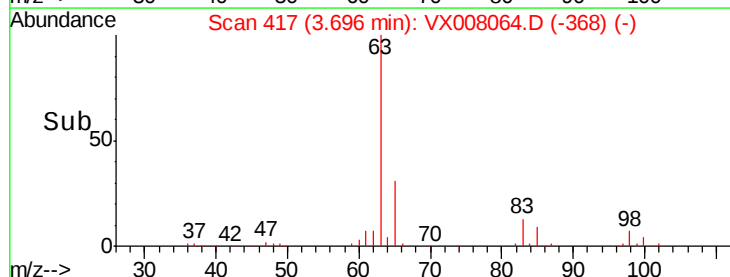
3.70

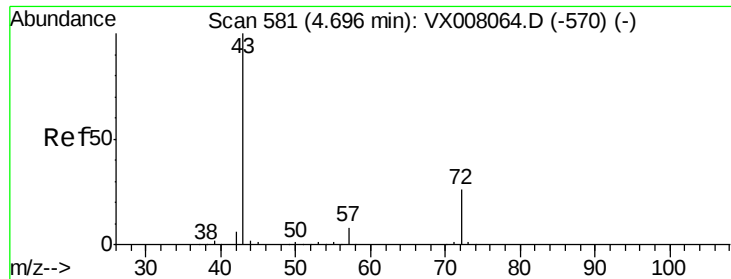
100000

50000

0

Time-->





#25

2-Butanone

Concen: 250.000 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

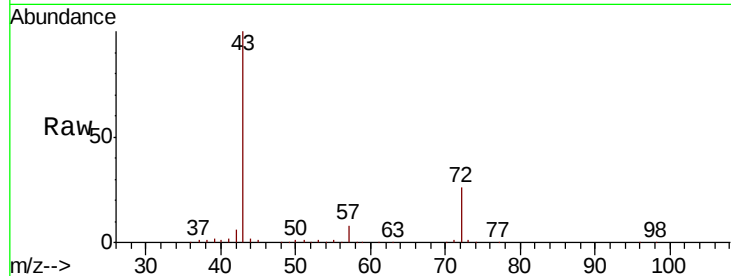
VSTDICCC050

Tgt Ion: 43 Resp: 583429

Ion Ratio Lower Upper

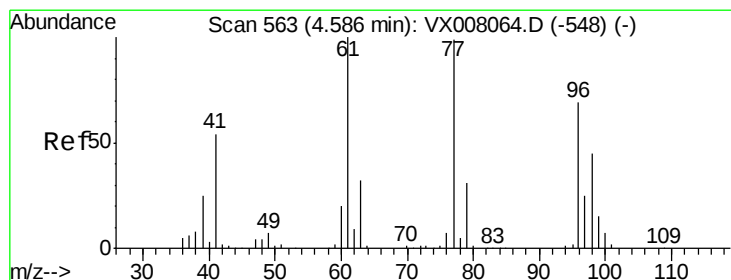
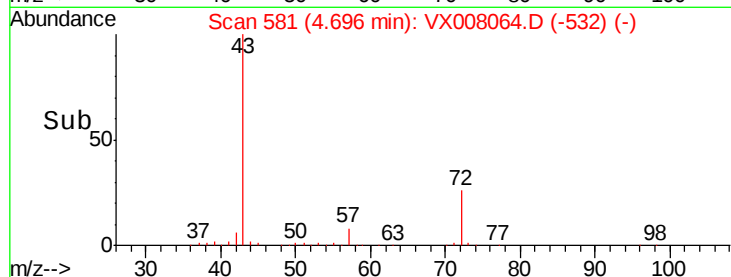
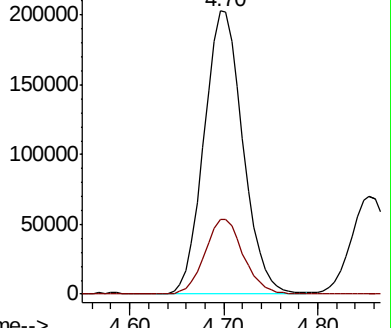
43 100

72 26.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX008064.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX008064.D (-570) (-)



#26

2,2-Dichloropropane

Concen: 50.000 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008064.D

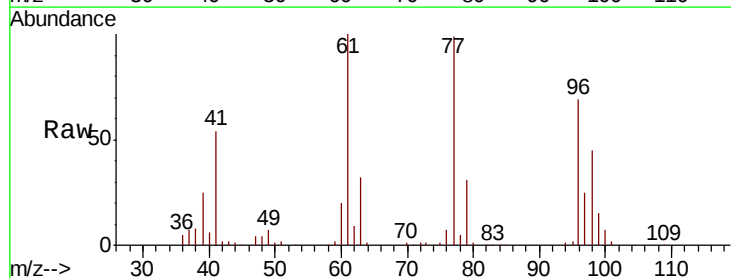
Acq: 14 Mar 2019 10:58

Tgt Ion: 77 Resp: 182251

Ion Ratio Lower Upper

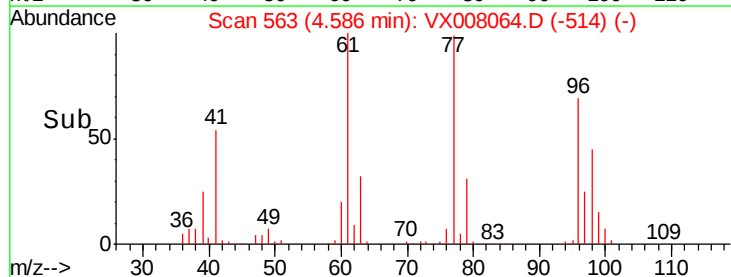
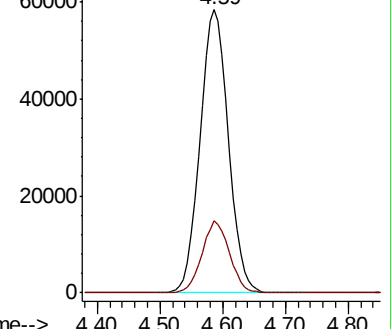
77 100

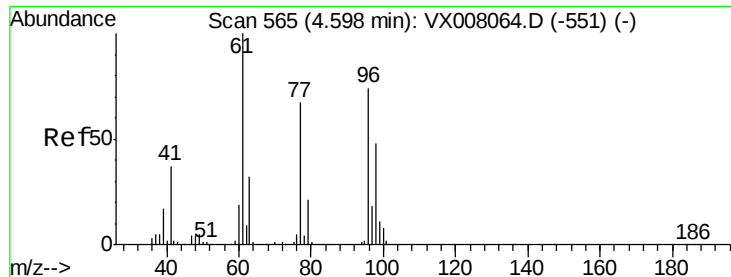
97 24.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX008064.D (-548) (-)

Ion 96.90 (96.60 to 97.60): VX008064.D (-548) (-)



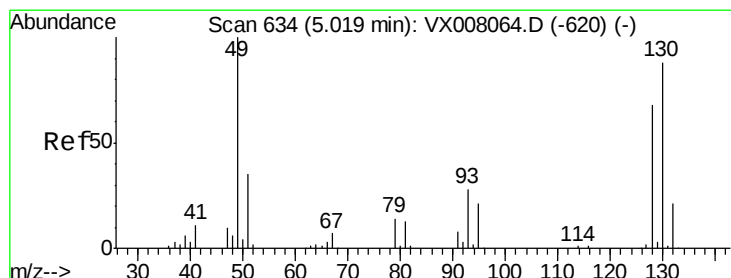
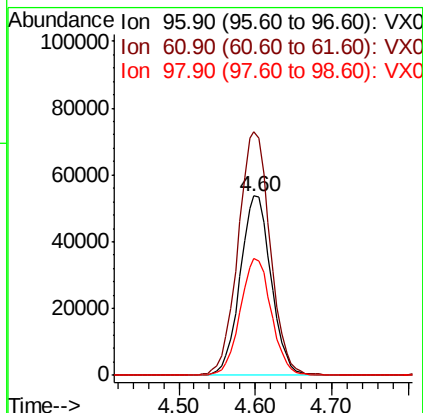
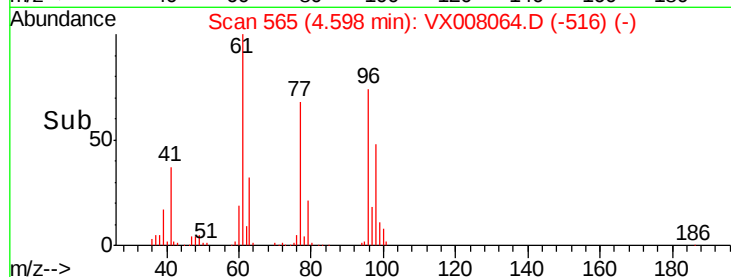
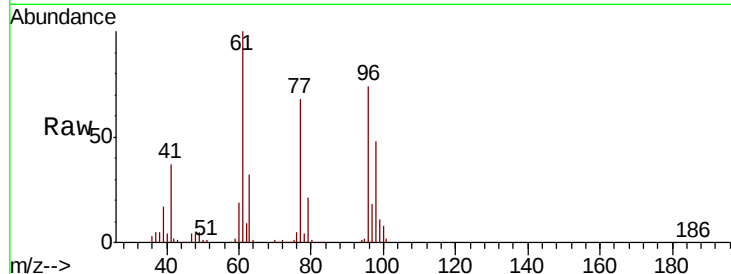


#27

cis-1,2-Dichloroethene
Concen: 50.000 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

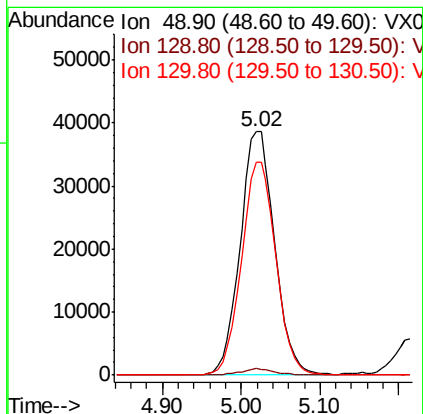
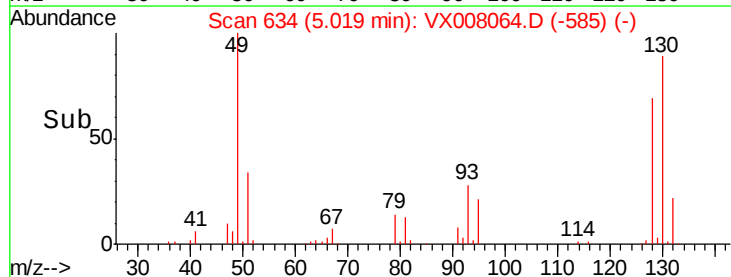
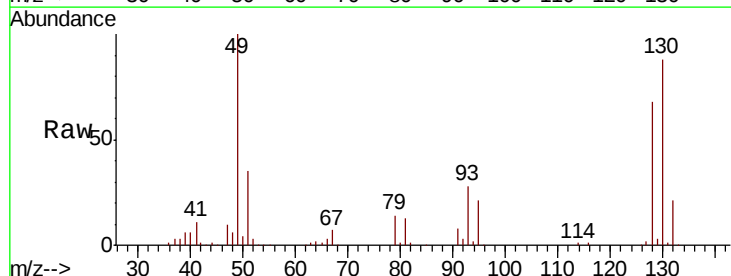
Tgt Ion: 96 Resp: 151403
Ion Ratio Lower Upper
96 100
61 140.6 0.0 288.0
98 65.3 0.0 129.0

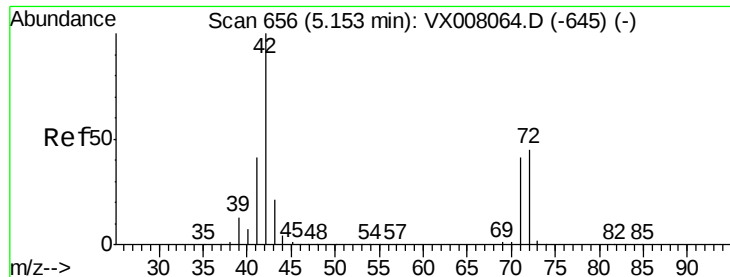


#28

Bromochloromethane
Concen: 50.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 49 Resp: 117371
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 87.0 65.0 97.4

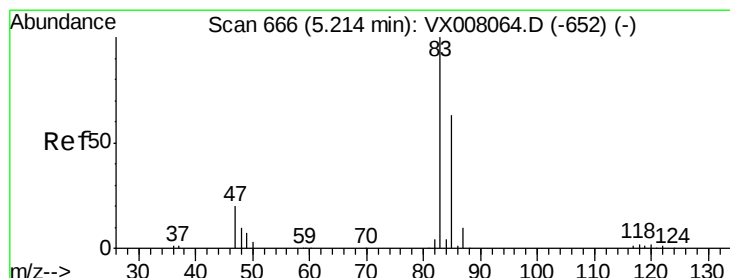
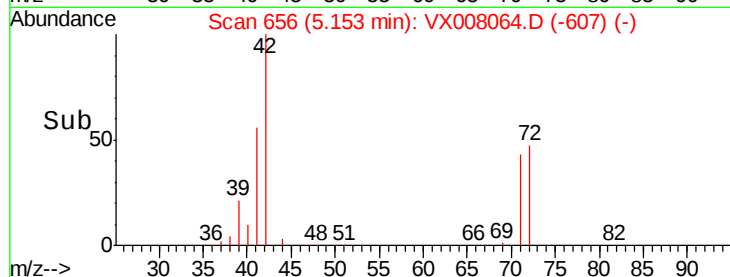
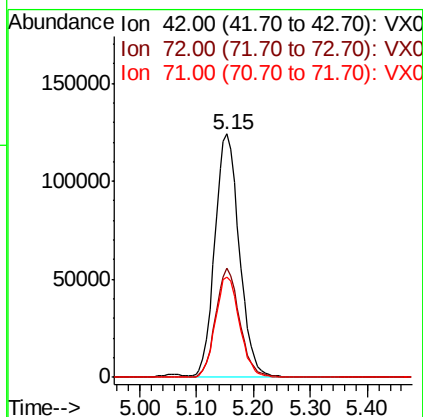
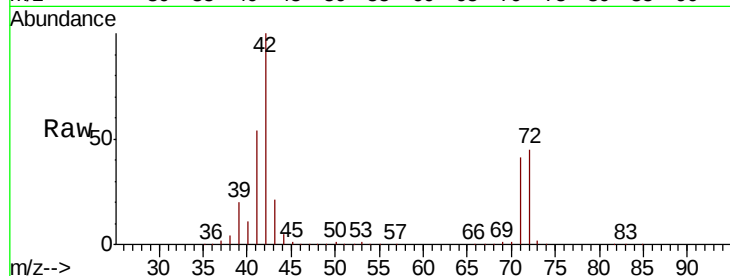




#29
Tetrahydrofuran
Concen: 250.000 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

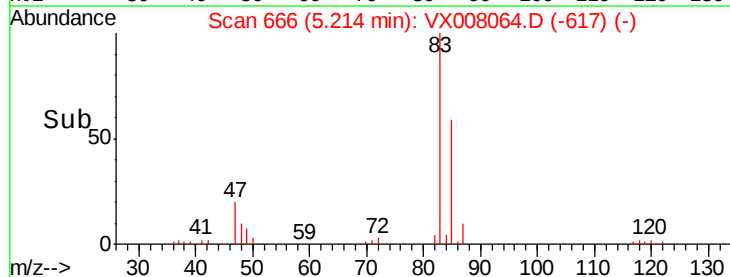
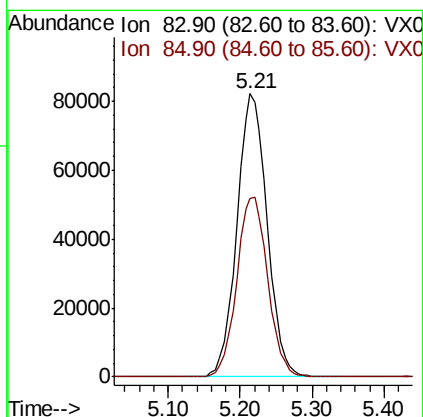
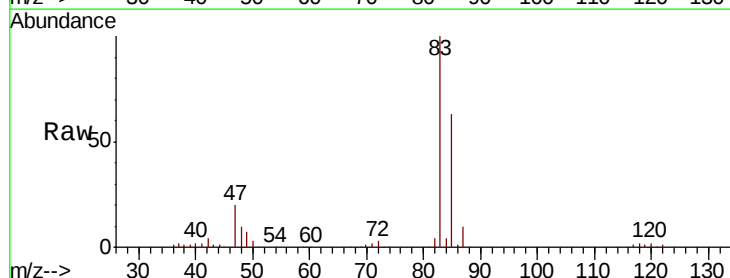
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

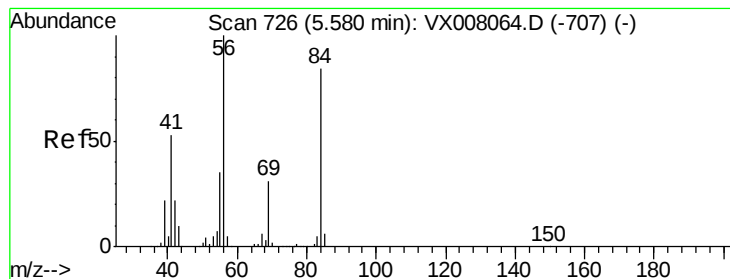
Tgt Ion: 42 Resp: 370362
Ion Ratio Lower Upper
42 100
72 44.0 33.8 50.6
71 41.1 31.5 47.3



#30
Chloroform
Concen: 50.000 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 83 Resp: 238467
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.6





#31

Cyclohexane

Concen: 50.000 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

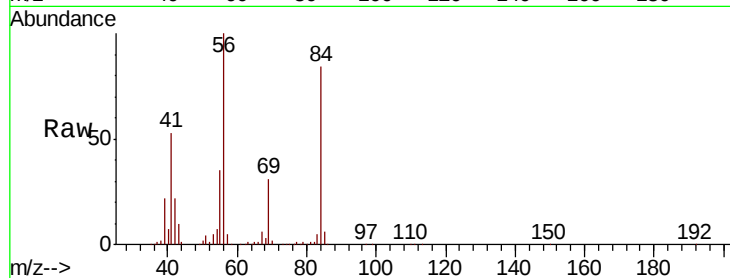
Tgt Ion: 56 Resp: 231712

Ion Ratio Lower Upper

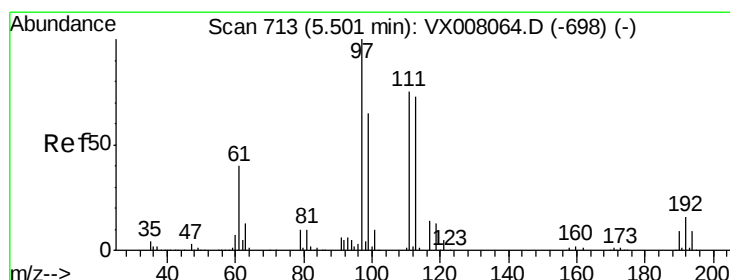
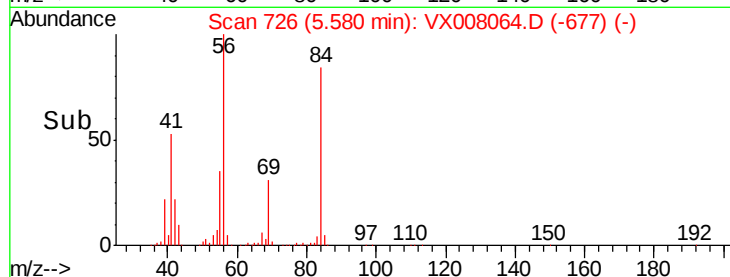
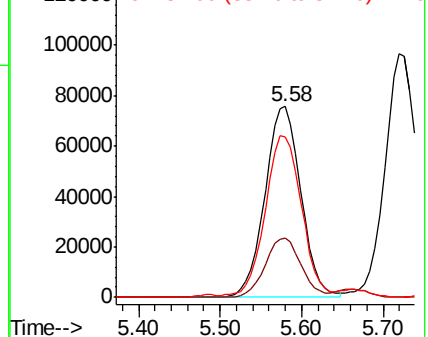
56 100

69 31.3 24.0 36.0

84 83.8 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 50.000 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

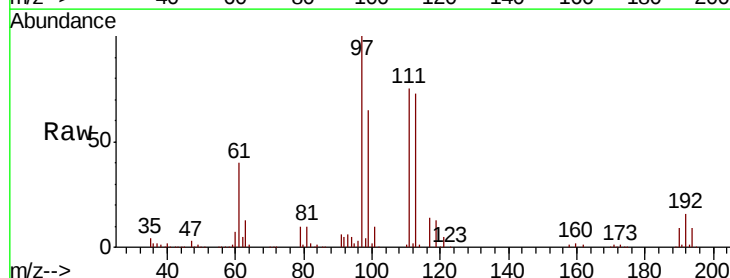
Tgt Ion: 97 Resp: 208535

Ion Ratio Lower Upper

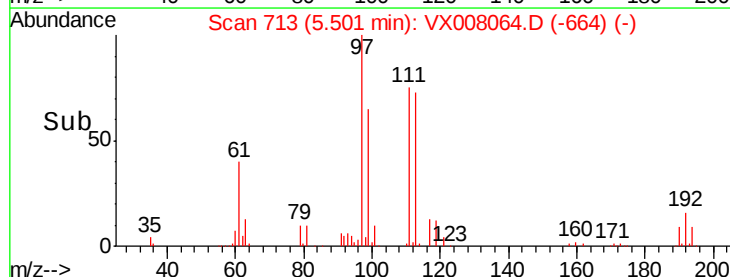
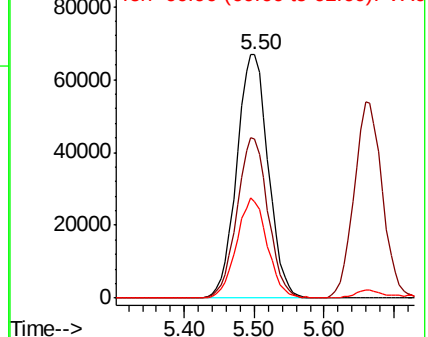
97 100

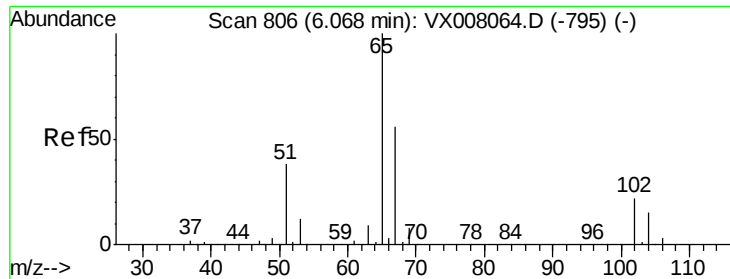
99 64.8 52.2 78.2

61 40.3 34.9 52.3



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

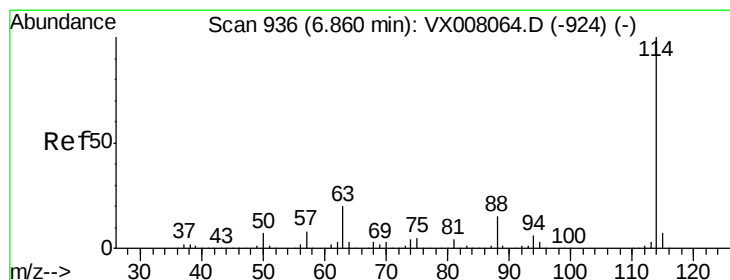
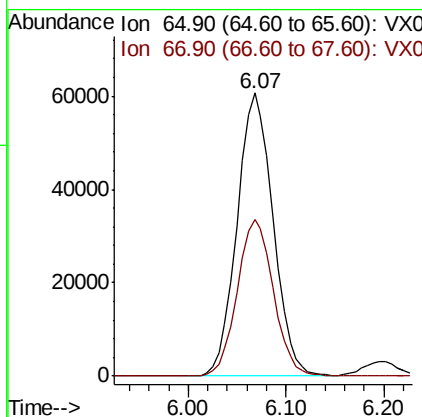
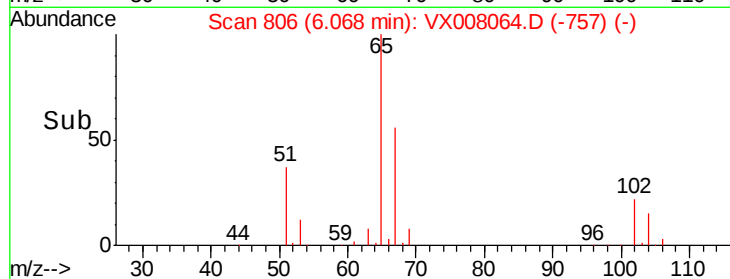
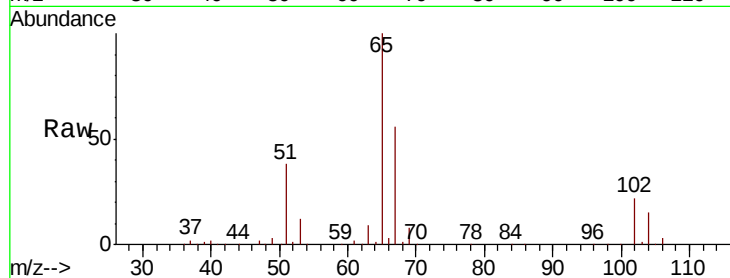




#33
 1,2-Dichloroethane-d4
 Concen: 50.000 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

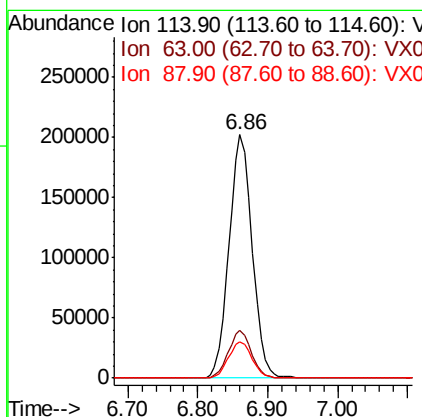
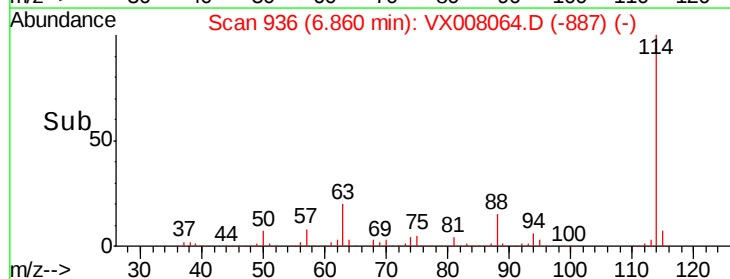
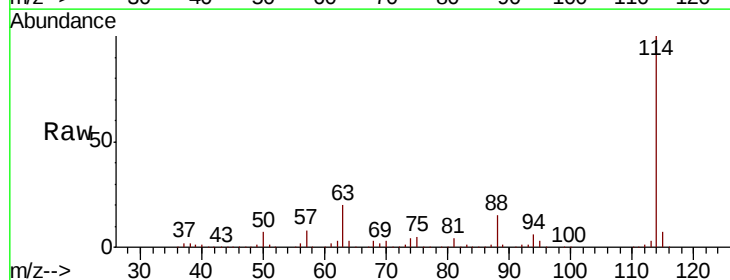
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

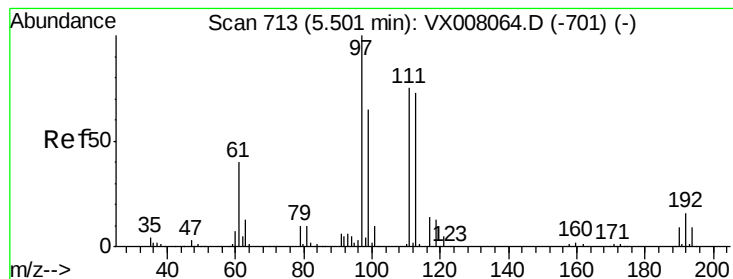
Tgt Ion: 65 Resp: 155160
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Tgt Ion: 114 Resp: 465495
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.1 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: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

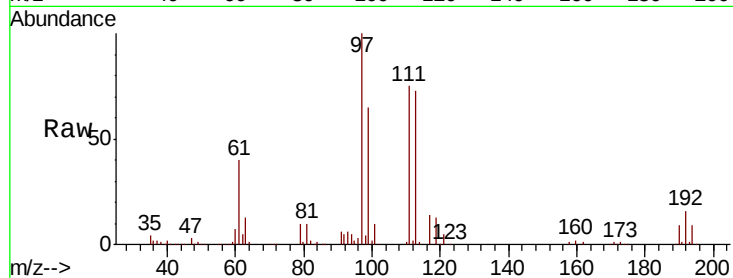
Tgt Ion:113 Resp: 140978

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

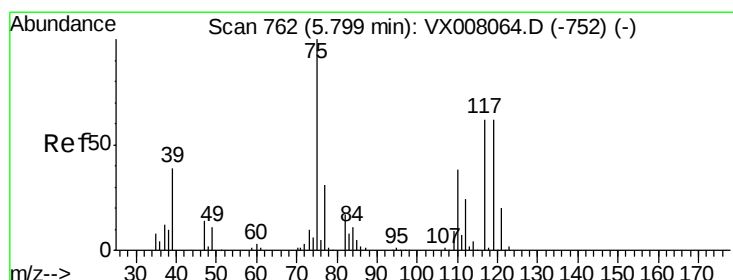
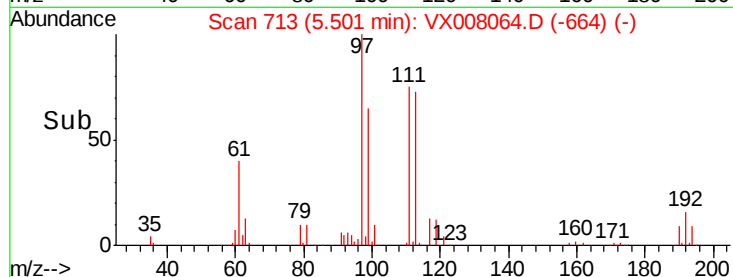
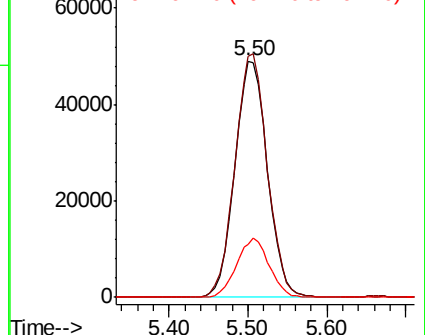
192 24.7 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

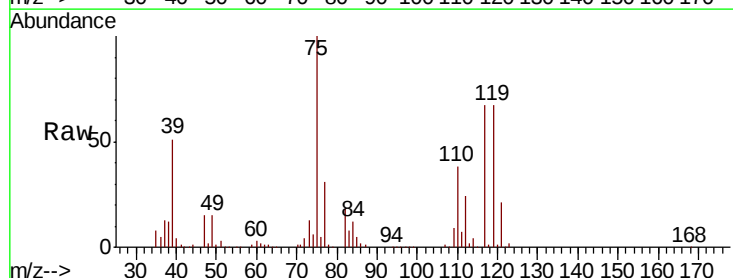
Tgt Ion: 75 Resp: 185845

Ion Ratio Lower Upper

75 100

110 37.7 18.4 55.0

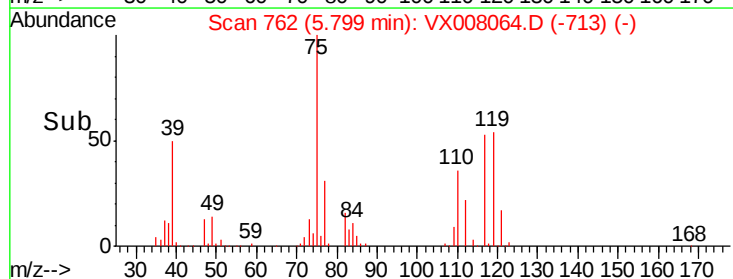
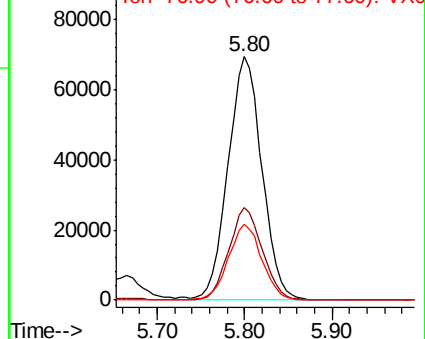
77 31.1 25.0 37.4

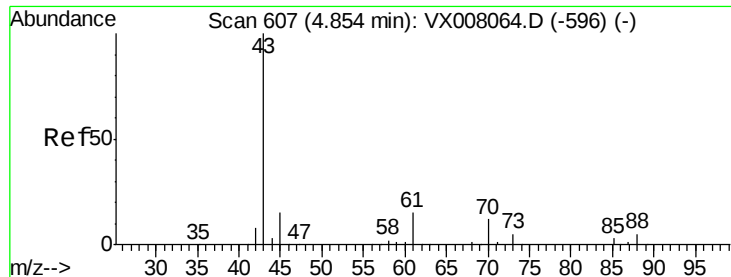


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.000 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

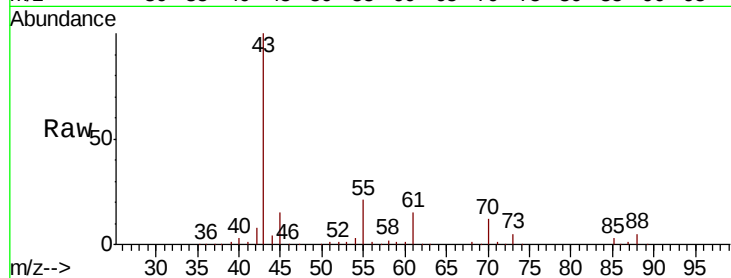
Tgt Ion: 43 Resp: 205627

Ion Ratio Lower Upper

43 100

61 14.8 11.3 16.9

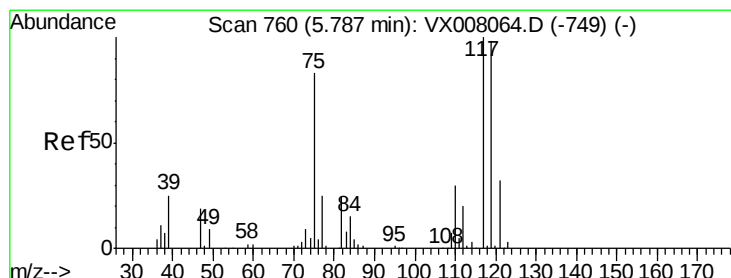
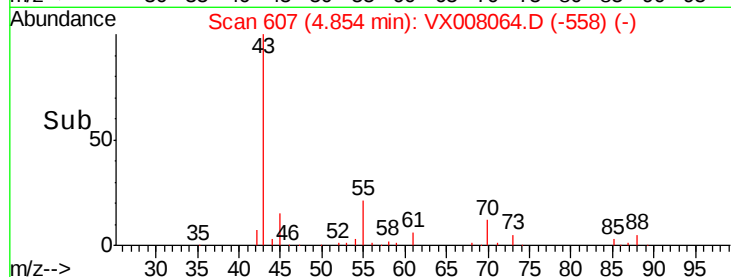
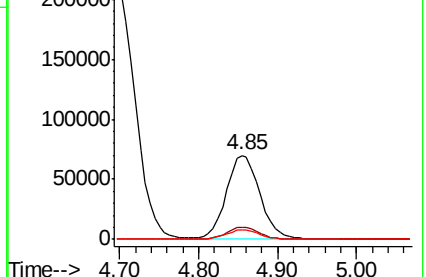
70 11.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX008064.D (-596) (-)

Ion 60.90 (60.60 to 61.60): VX008064.D (-596) (-)

Ion 70.00 (69.70 to 70.70): VX008064.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 50.000 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

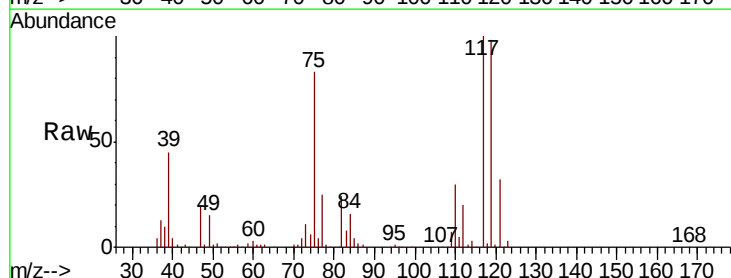
Tgt Ion: 117 Resp: 183695

Ion Ratio Lower Upper

117 100

119 97.4 76.2 114.2

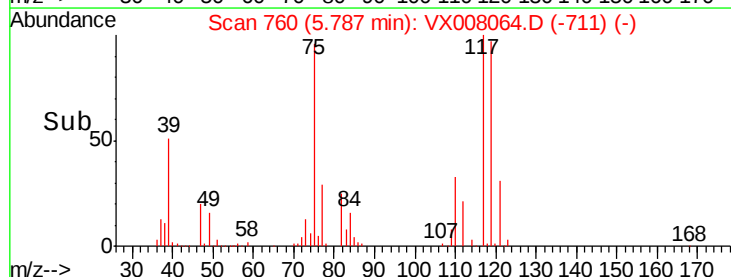
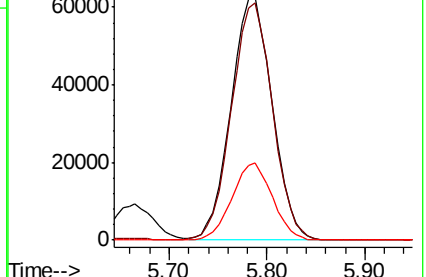
121 31.8 24.6 36.8

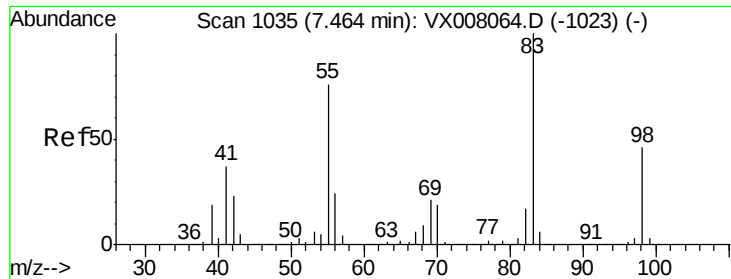


Abundance Ion 116.80 (116.50 to 117.50): VX008064.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008064.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008064.D (-749) (-)

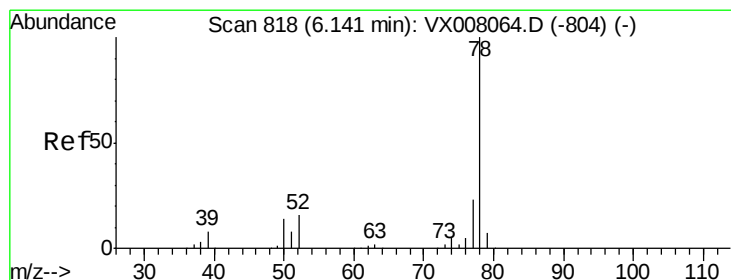
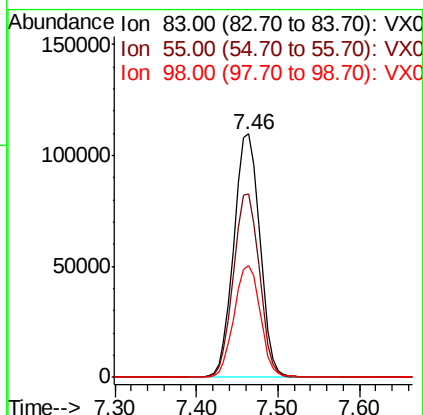
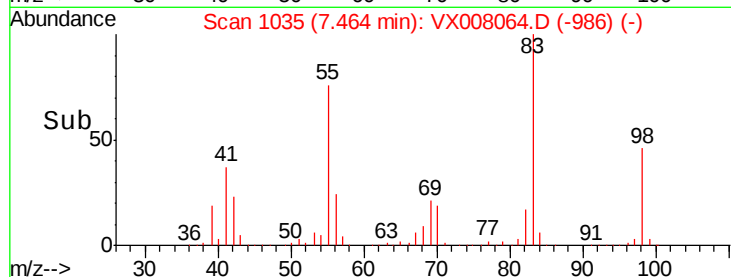
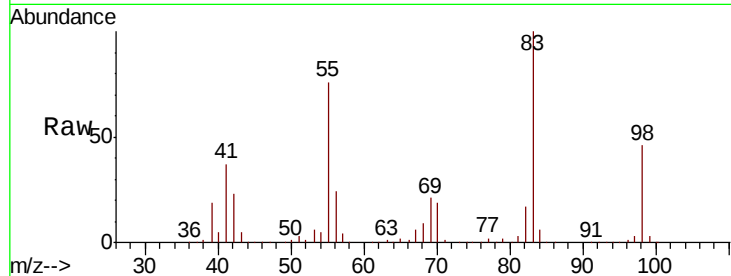




#39
Methylcyclohexane
Concen: 50.000 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

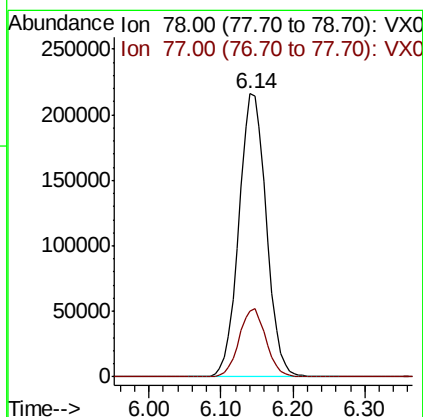
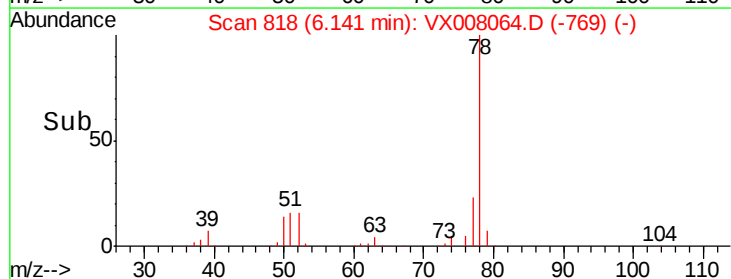
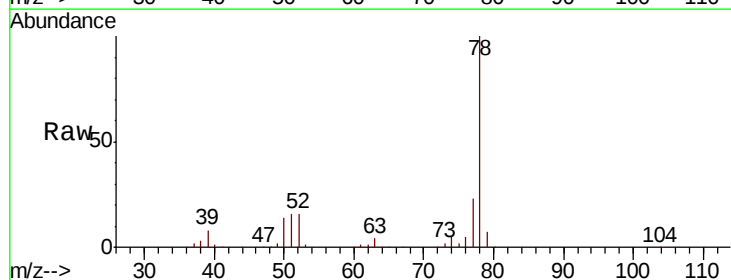
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

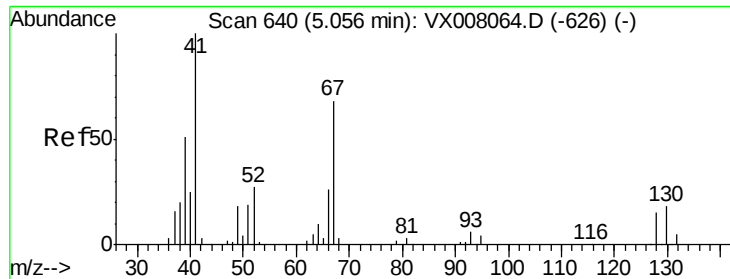
Tgt Ion: 83 Resp: 241928
Ion Ratio Lower Upper
83 100
55 75.6 60.4 90.6
98 45.9 36.5 54.7



#40
Benzene
Concen: 50.000 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 78 Resp: 570441
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

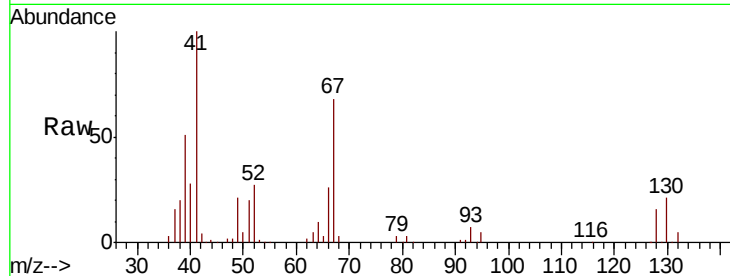




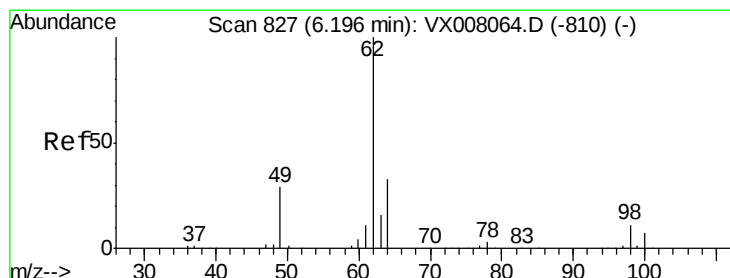
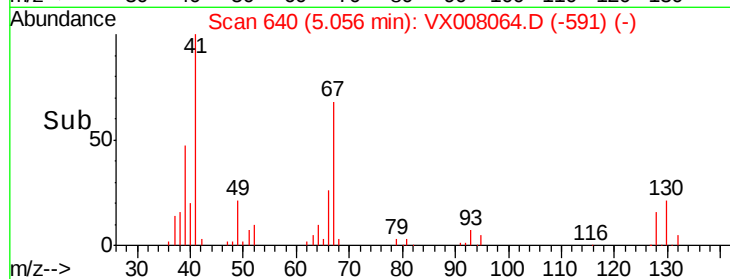
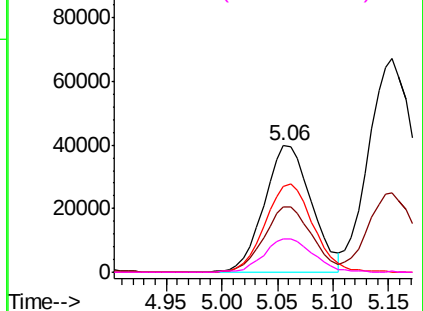
#41
Methacrylonitrile
Concen: 50.000 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	117255
Ion	Ratio	Lower	Upper
41	100		
39	52.3	41.6	62.4
67	71.3	55.8	83.6
52	27.4	21.7	32.5

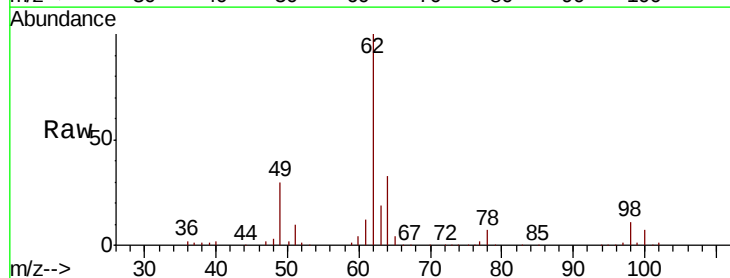


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

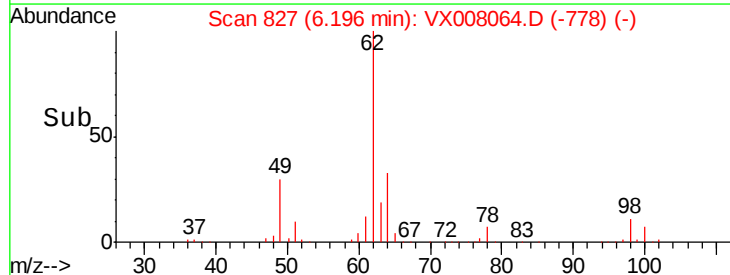
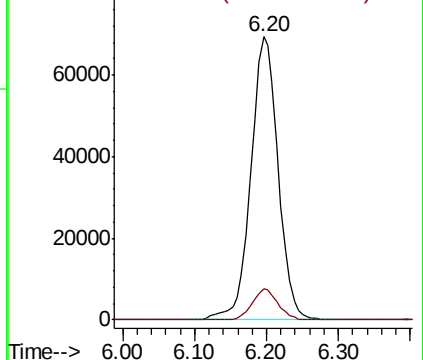


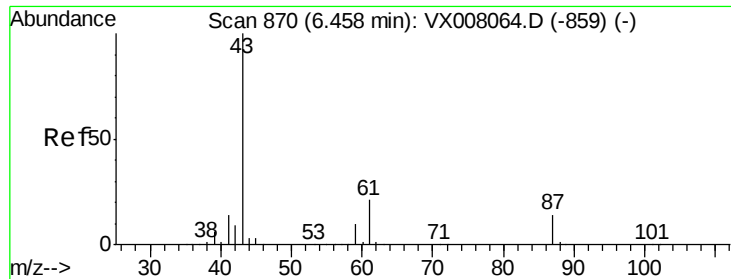
#42
1,2-Dichloroethane
Concen: 50.000 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion:	62	Resp:	182303
Ion	Ratio	Lower	Upper
62	100		
98	10.3	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: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

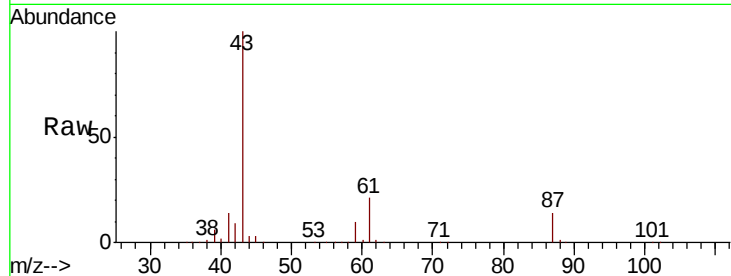
Tgt Ion: 43 Resp: 330667

Ion Ratio Lower Upper

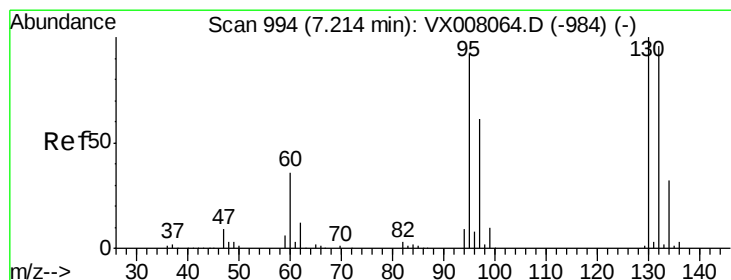
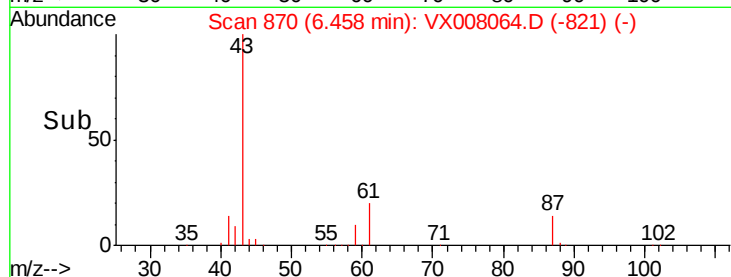
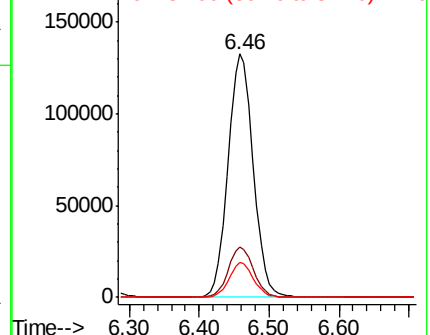
43 100

61 20.8 16.3 24.5

87 13.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.000 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008064.D

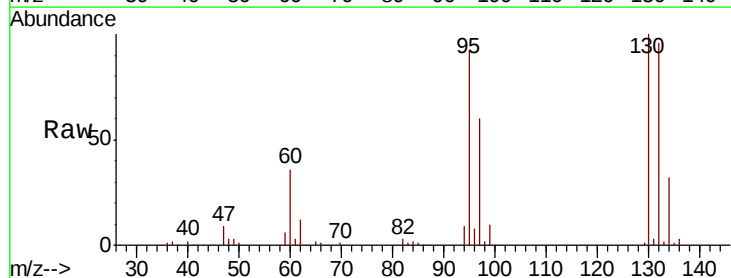
Acq: 14 Mar 2019 10:58

Tgt Ion: 130 Resp: 162476

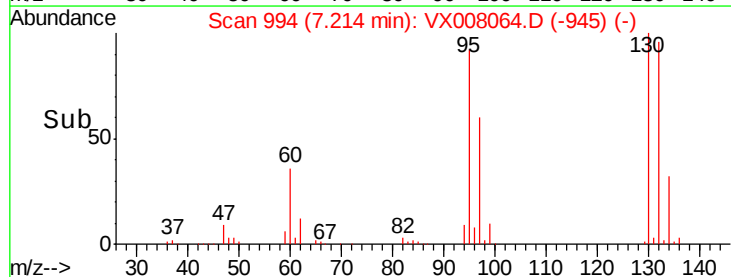
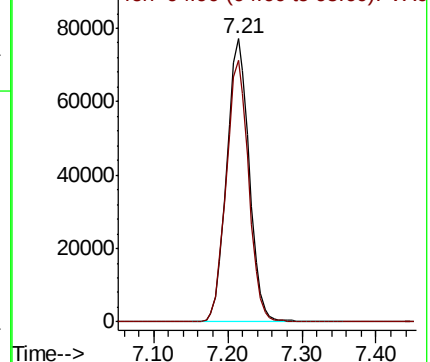
Ion Ratio Lower Upper

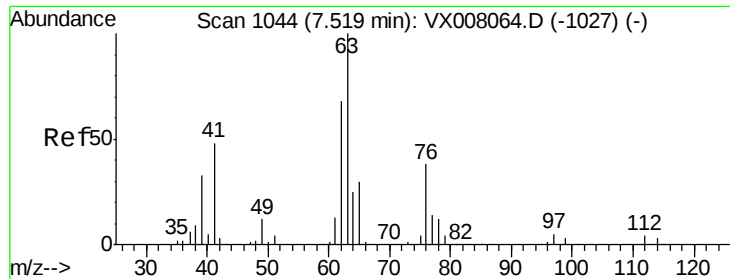
130 100

95 92.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.000 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

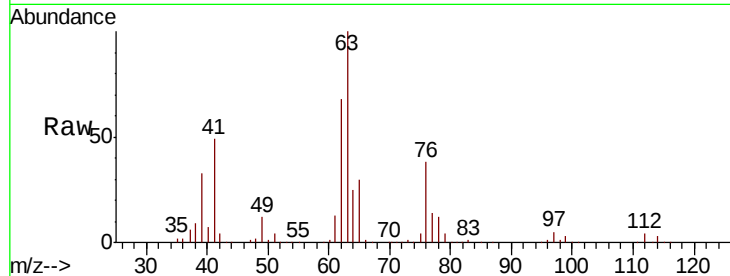
VSTDICCC050

Tgt Ion: 63 Resp: 152071

Ion Ratio Lower Upper

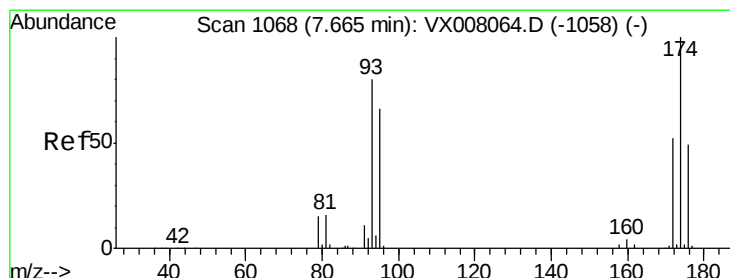
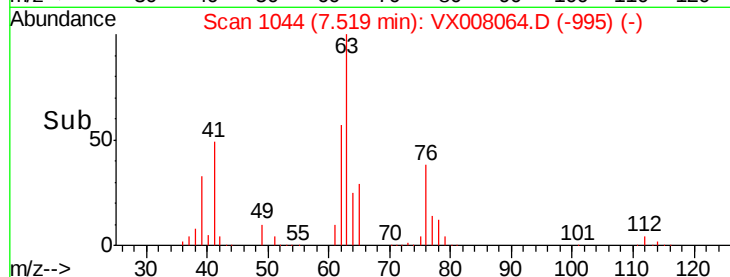
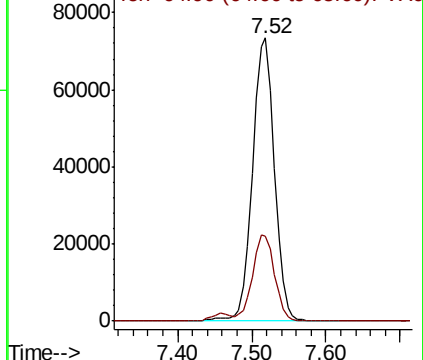
63 100

65 30.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

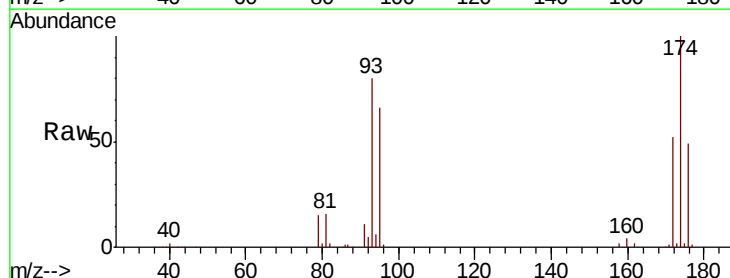
Tgt Ion: 93 Resp: 96296

Ion Ratio Lower Upper

93 100

95 84.7 66.8 100.2

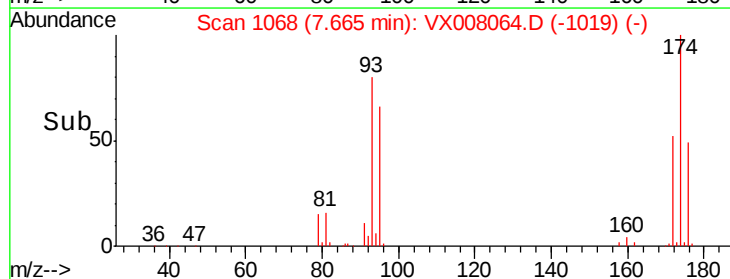
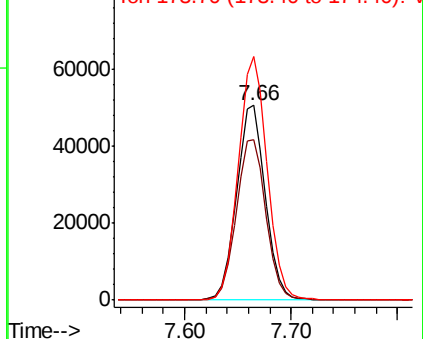
174 125.3 97.3 145.9

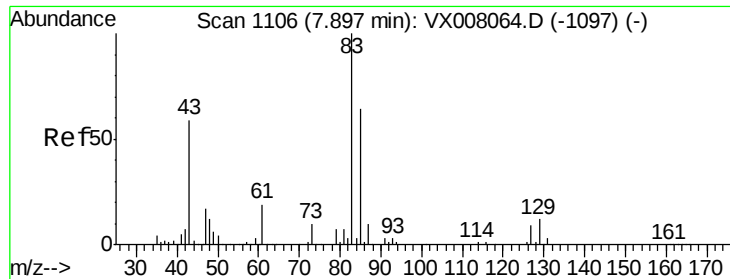


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.000 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

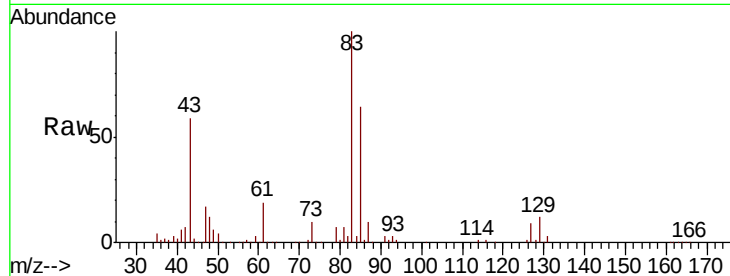
Tgt Ion: 83 Resp: 182569

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

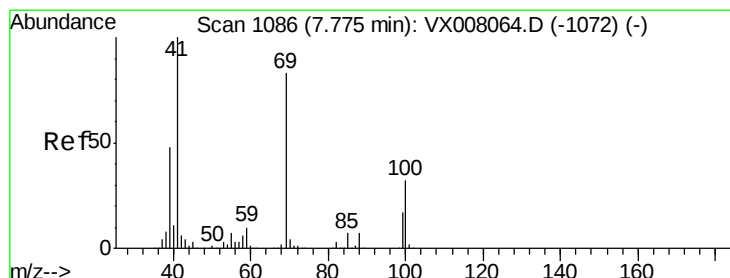
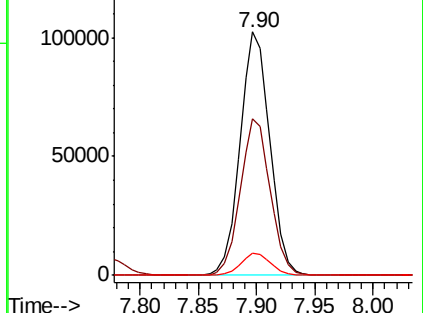
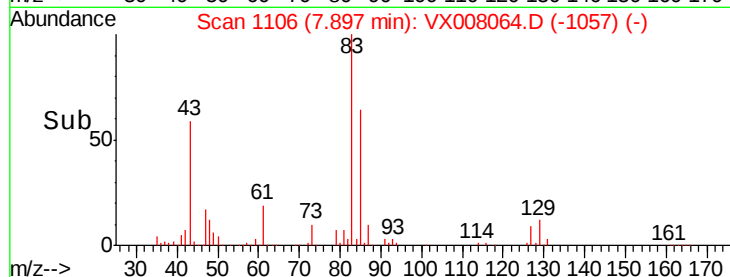
127 9.1 7.4 11.0



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# 1086

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

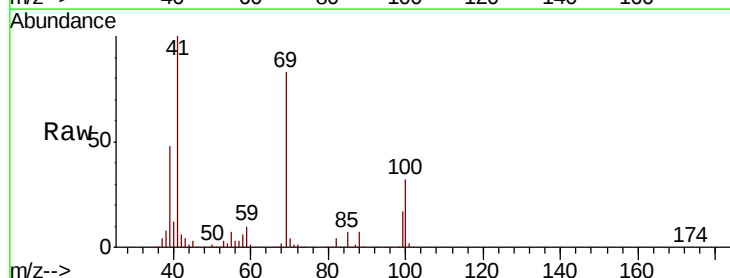
Tgt Ion: 41 Resp: 176936

Ion Ratio Lower Upper

41 100

69 84.8 65.2 97.8

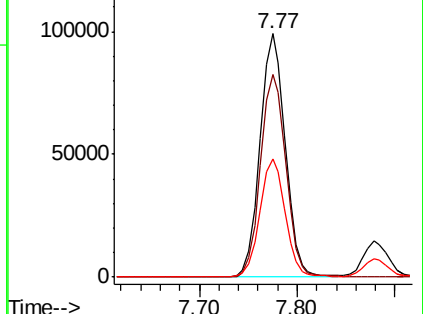
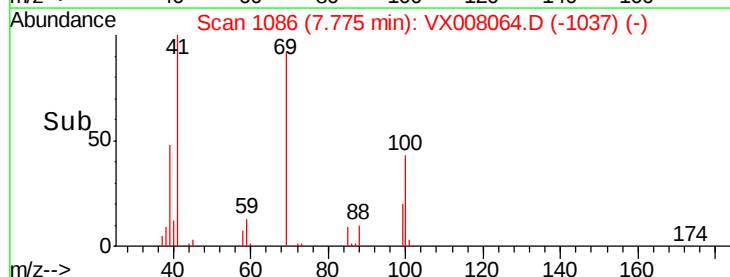
39 49.0 39.4 59.2

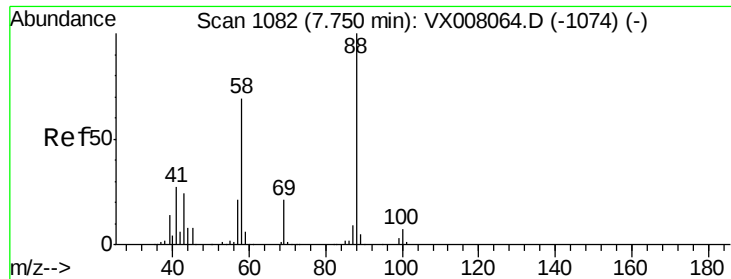


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

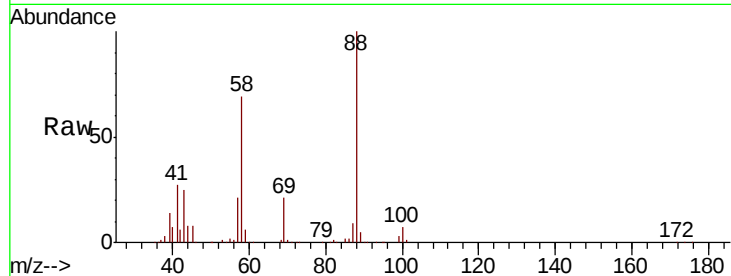




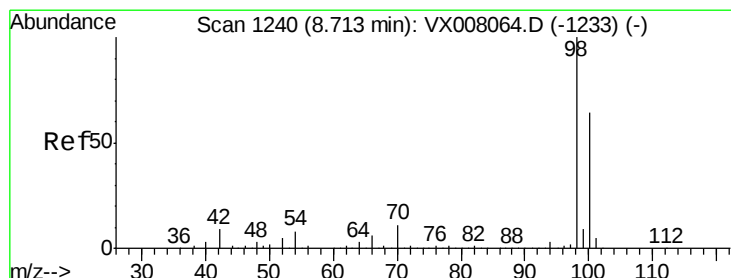
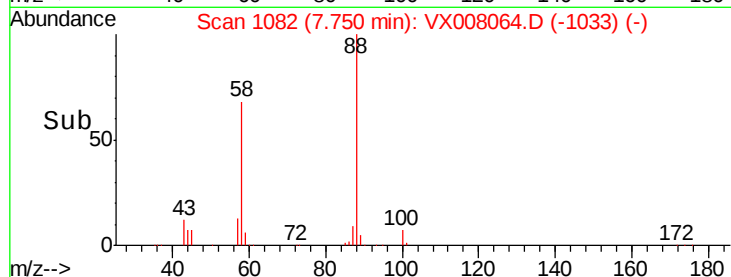
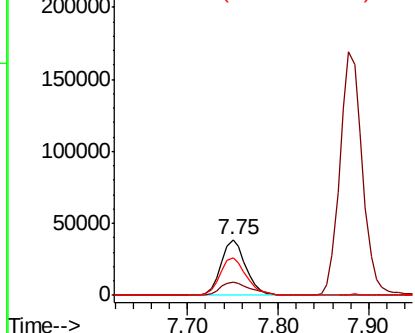
#49
1,4-Dioxane
Concen: 1000.000 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 73405
Ion Ratio Lower Upper
88 100
43 28.9 25.1 37.7
58 70.9 57.8 86.6

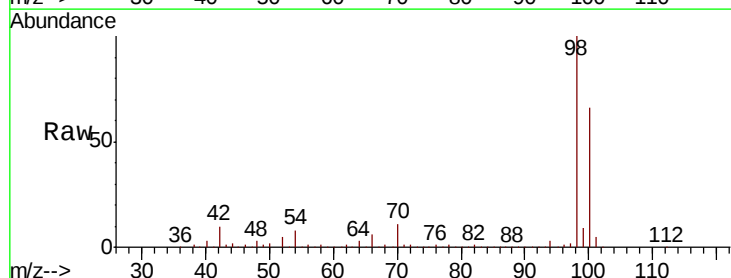


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

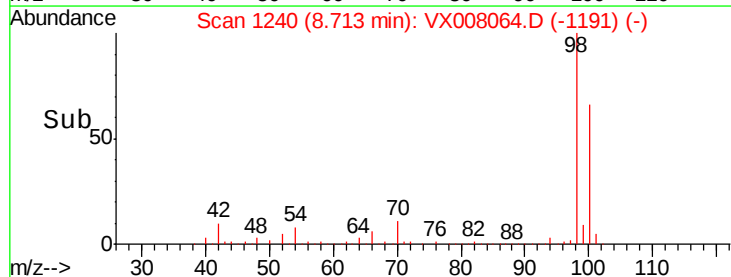
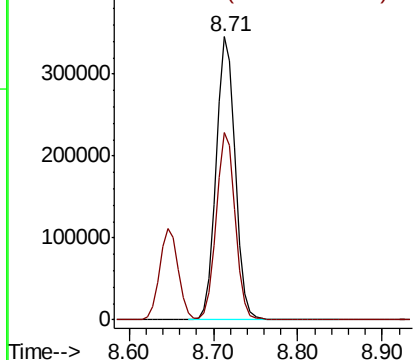


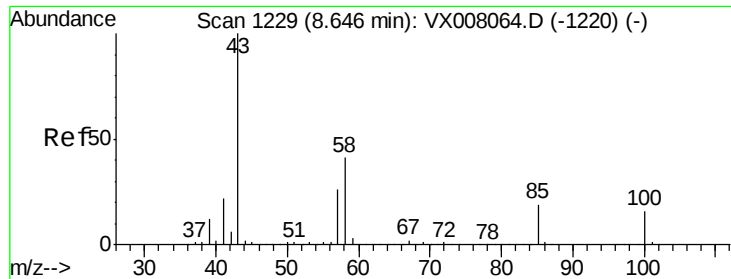
#50
Toluene-d8
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 98 Resp: 543541
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 250.000 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

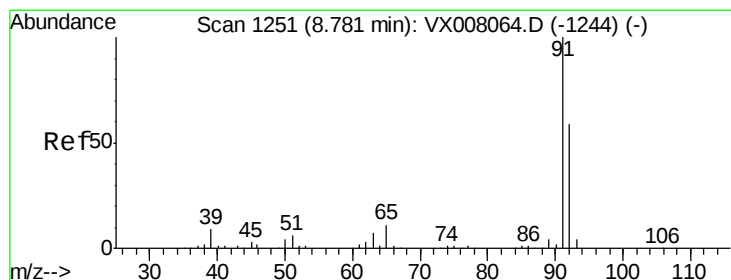
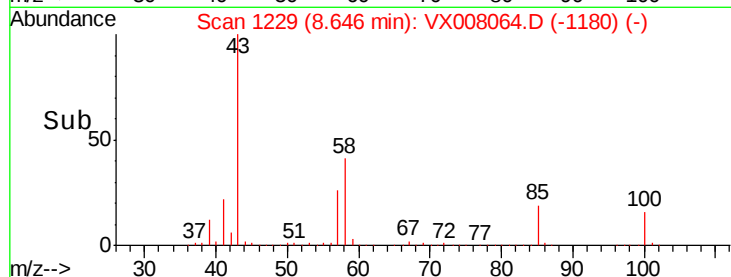
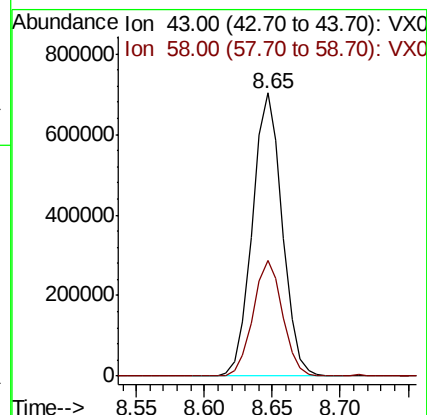
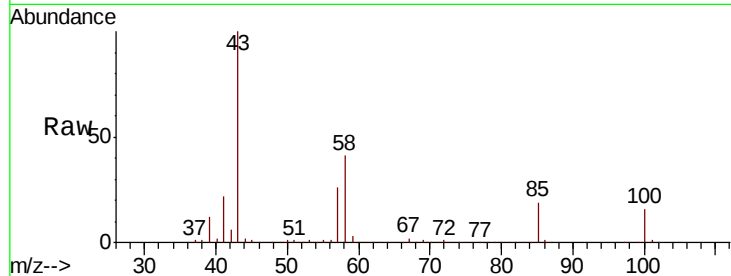
VSTDICCC050

Tgt Ion: 43 Resp: 1084500

Ion Ratio Lower Upper

43 100

58 40.4 31.3 46.9



#52

Toluene

Concen: 50.000 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX008064.D

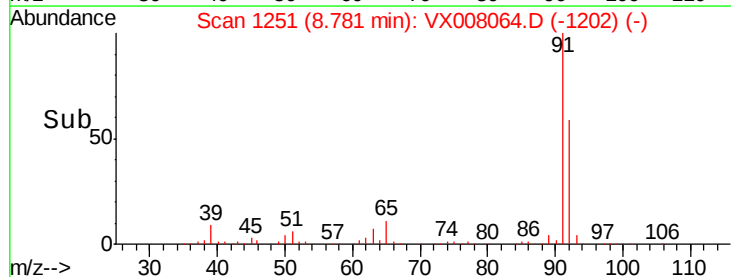
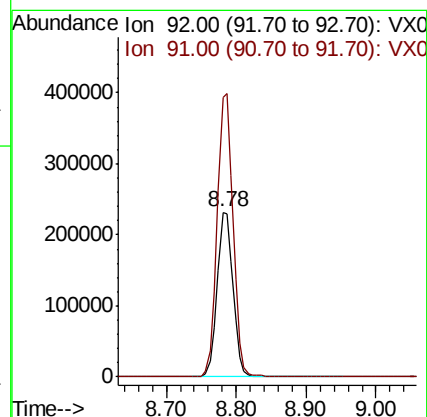
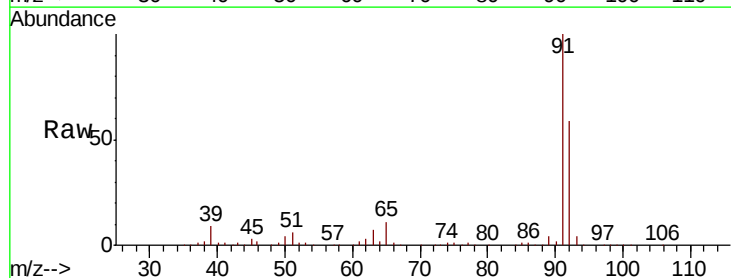
Acq: 14 Mar 2019 10:58

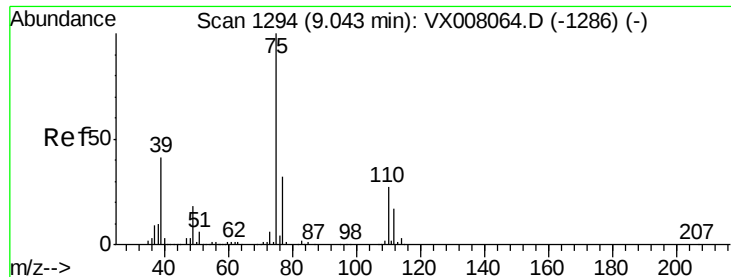
Tgt Ion: 92 Resp: 365604

Ion Ratio Lower Upper

92 100

91 172.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 50.000 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

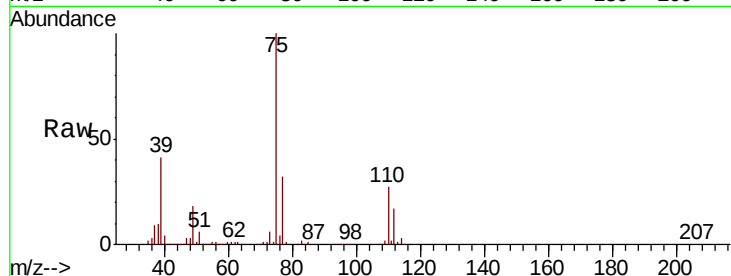
VSTDICCC050

Tgt Ion: 75 Resp: 207963

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

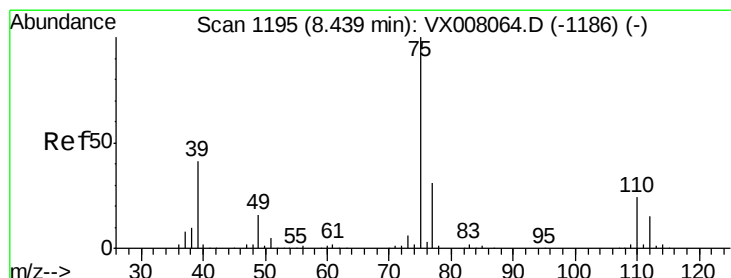
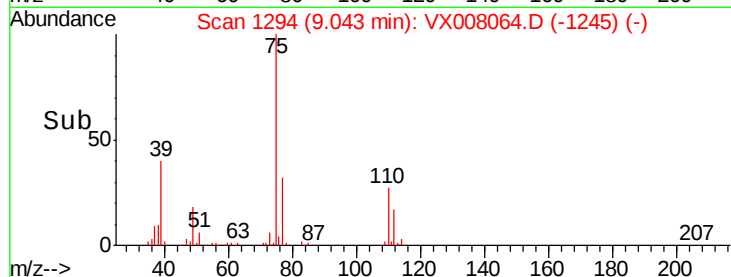
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.000 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

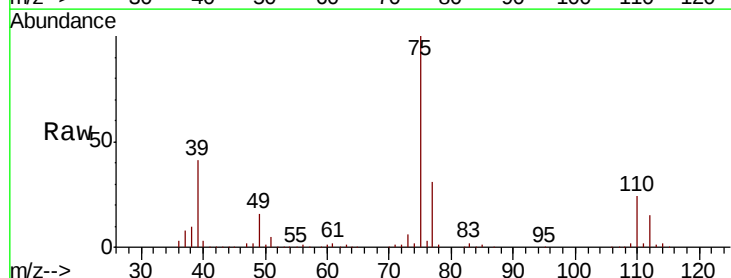
Tgt Ion: 75 Resp: 231434

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 41.2 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

150000

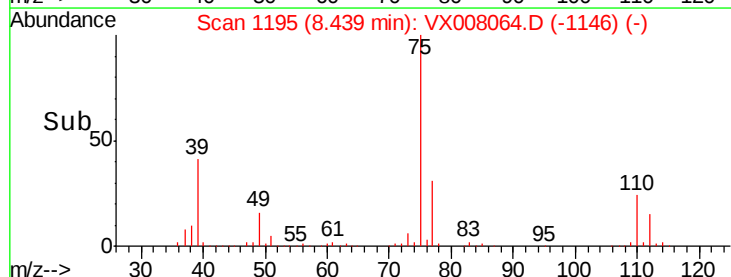
100000

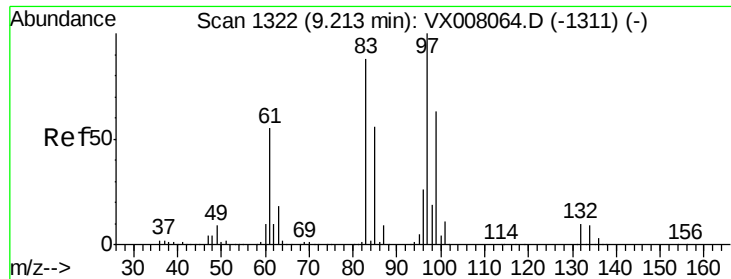
50000

0

8.40 8.50 8.60

Time-->

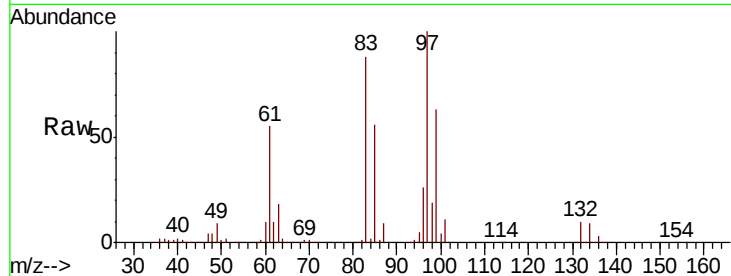




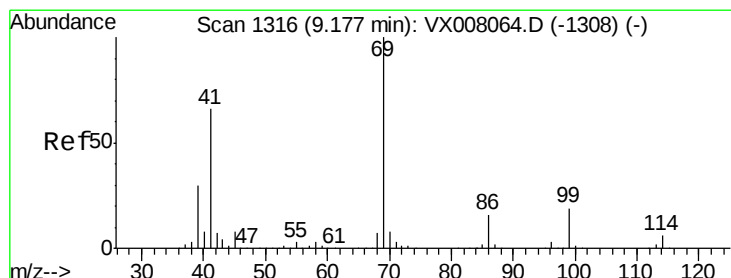
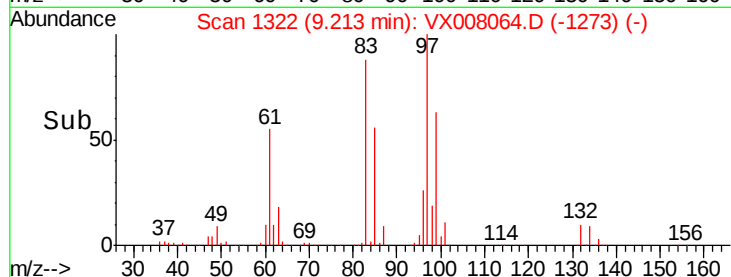
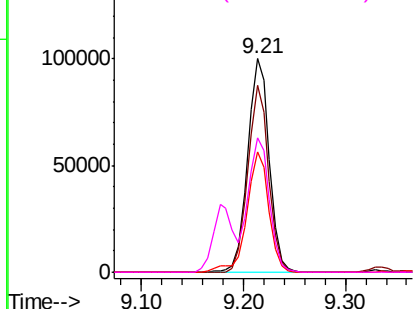
#55
 1,1,2-Trichloroethane
 Concen: 50.000 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 147369
 Ion Ratio Lower Upper
 97 100
 83 87.8 69.1 103.7
 85 56.3 44.3 66.5
 99 63.1 49.8 74.8

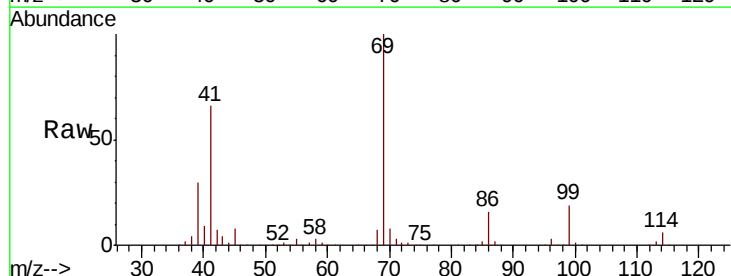


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

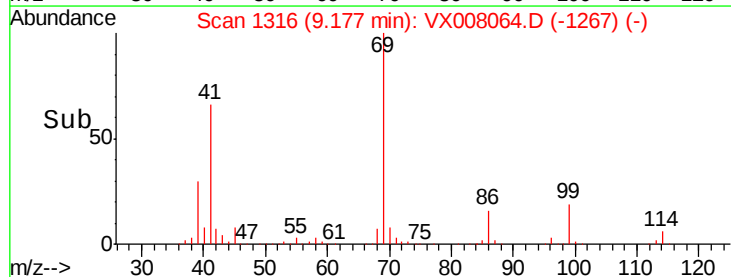
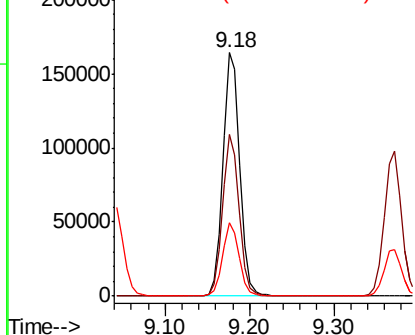


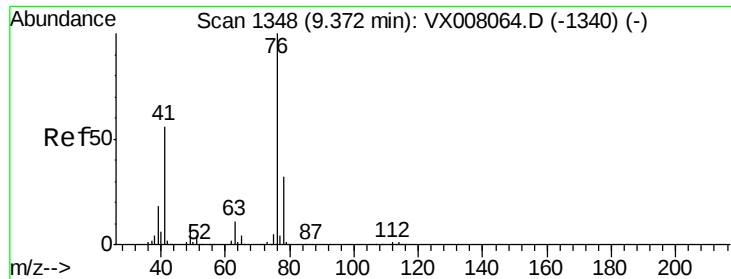
#56
 Ethyl methacrylate
 Concen: 50.000 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Tgt Ion: 69 Resp: 226466
 Ion Ratio Lower Upper
 69 100
 41 64.8 54.2 81.4
 39 29.8 25.0 37.4



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





#57

1,3-Dichloropropane

Concen: 50.000 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

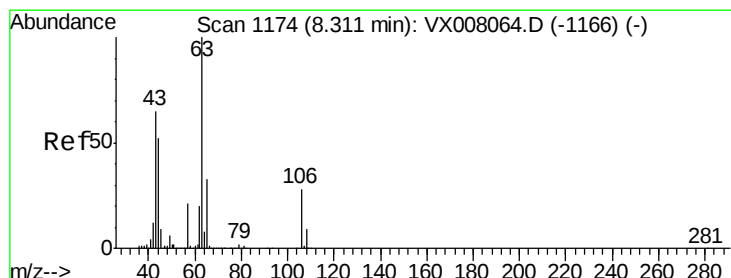
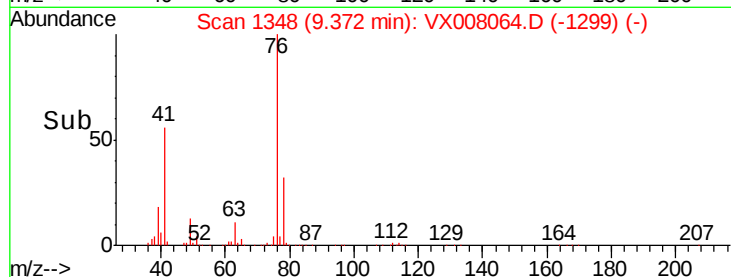
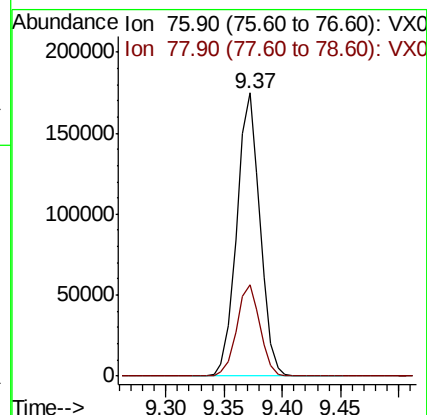
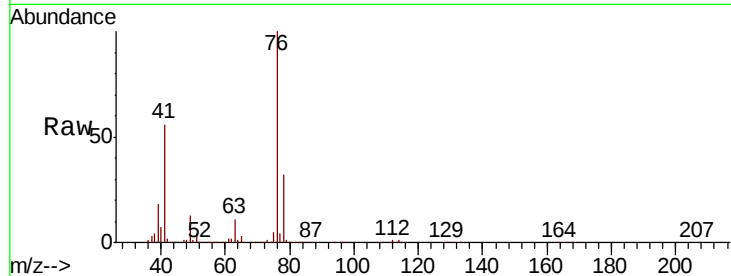
VSTDICCC050

Tgt Ion: 76 Resp: 243097

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 250.000 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008064.D

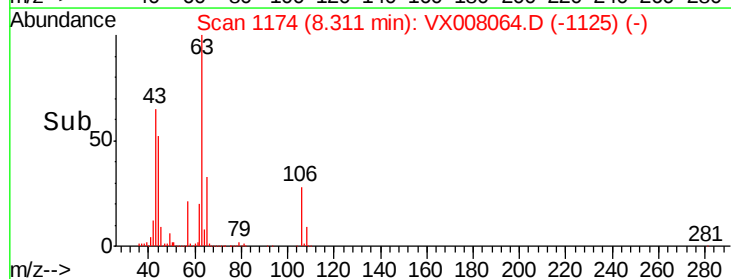
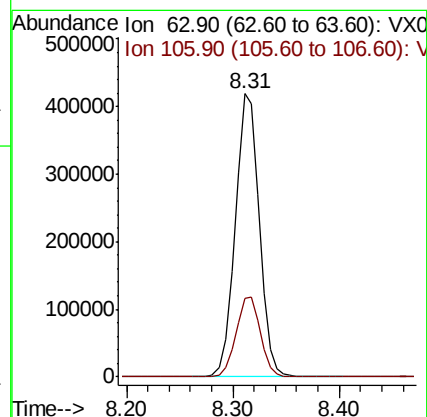
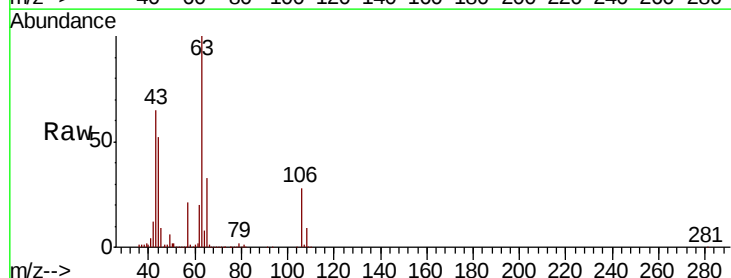
Acq: 14 Mar 2019 10:58

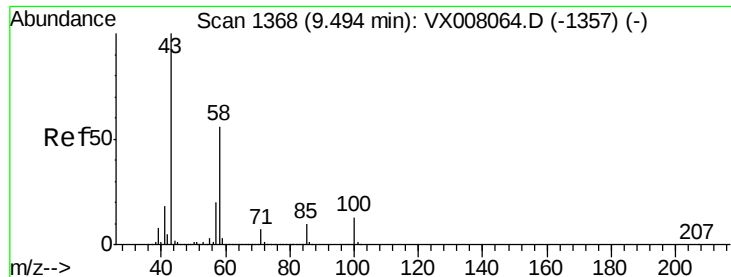
Tgt Ion: 63 Resp: 660653

Ion Ratio Lower Upper

63 100

106 28.8 22.2 33.2

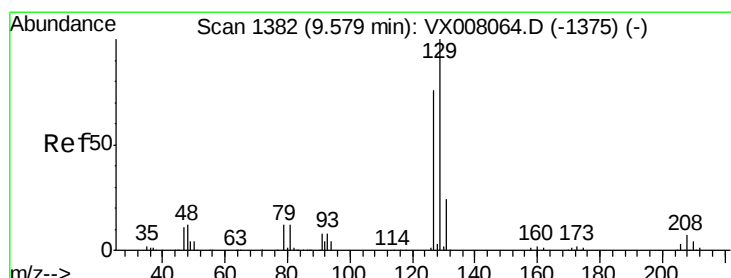
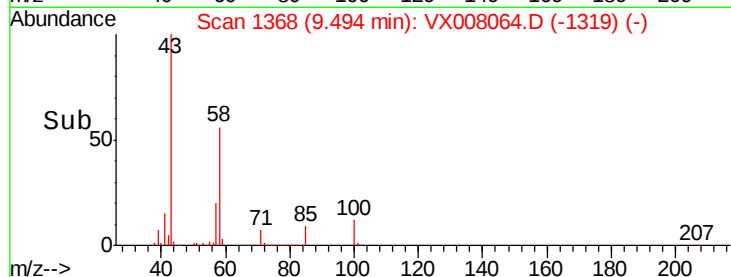
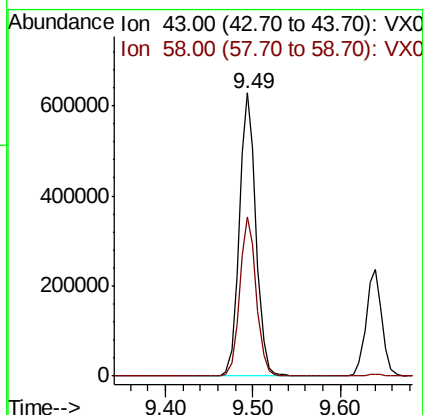
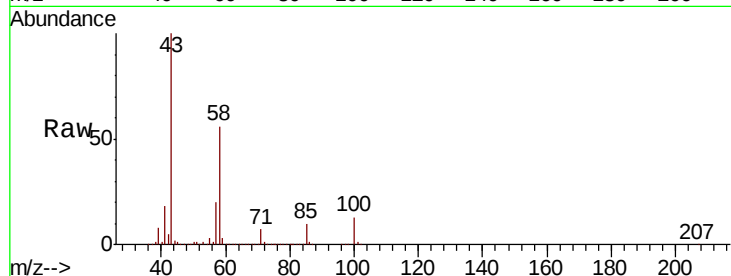




#59
2-Hexanone
Concen: 250.000 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

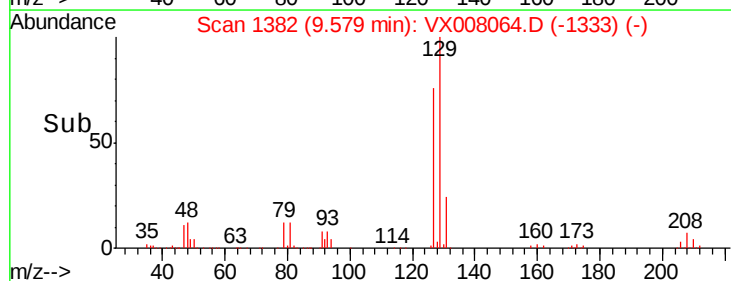
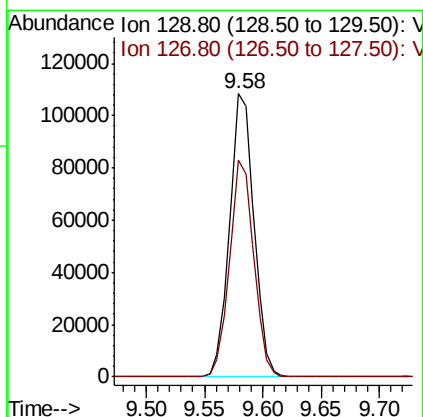
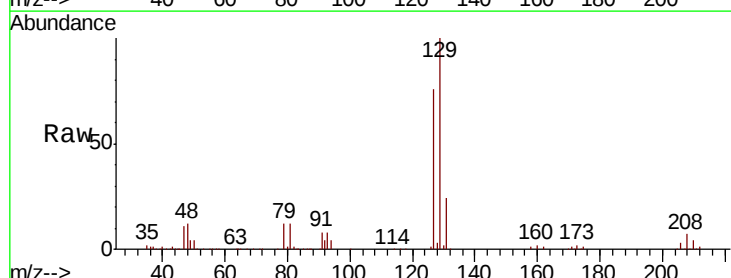
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

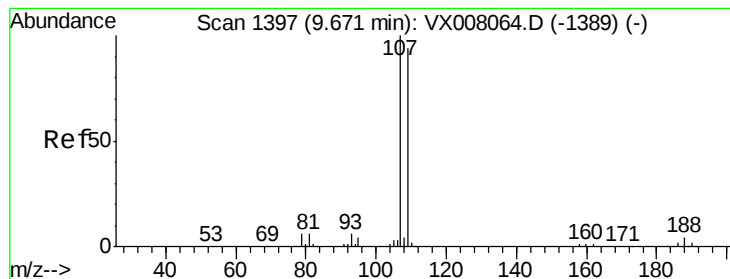
Tgt Ion: 43 Resp: 834260
Ion Ratio Lower Upper
43 100
58 56.2 27.6 82.7



#60
Dibromochloromethane
Concen: 50.000 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 129 Resp: 158322
Ion Ratio Lower Upper
129 100
127 76.0 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: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

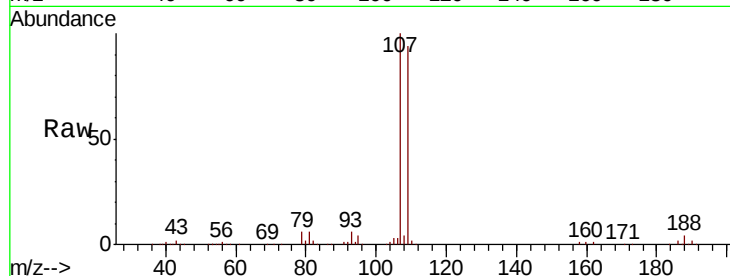
VSTDICCC050

Tgt Ion: 107 Resp: 159561

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

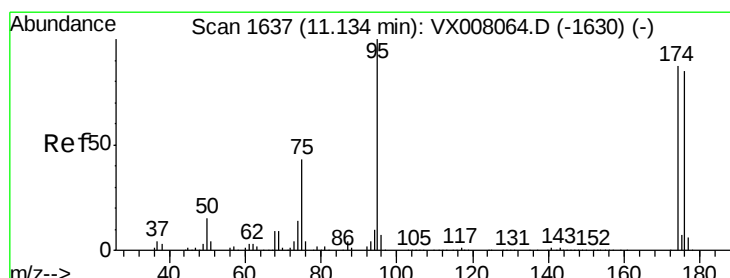
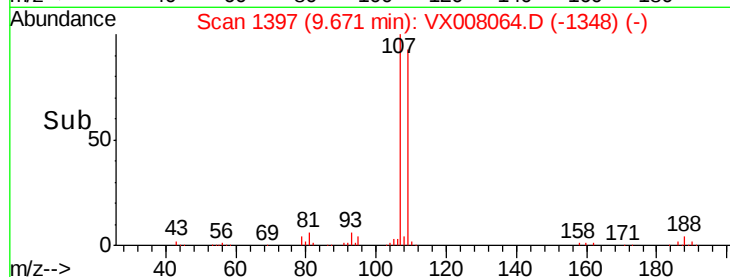
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.000 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

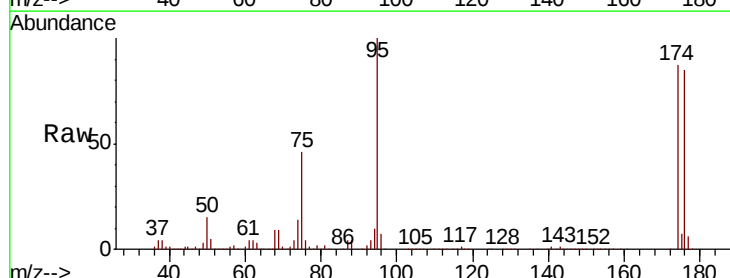
Tgt Ion: 95 Resp: 195629

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.8

176 90.6 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

200000

150000

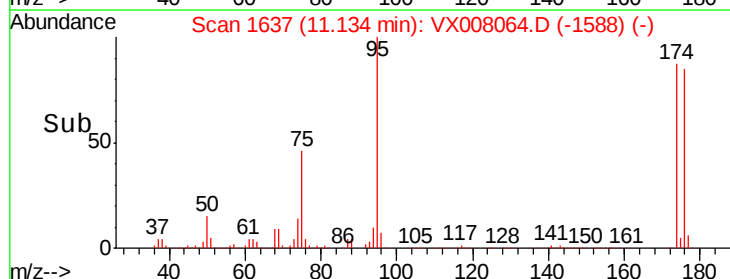
100000

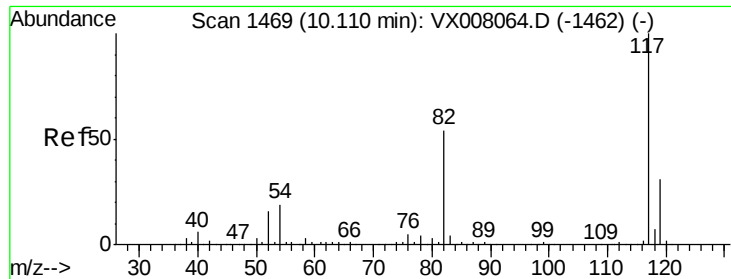
50000

0

Time-->

11.10 11.20

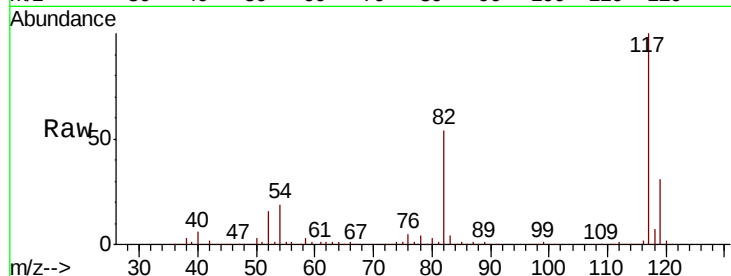




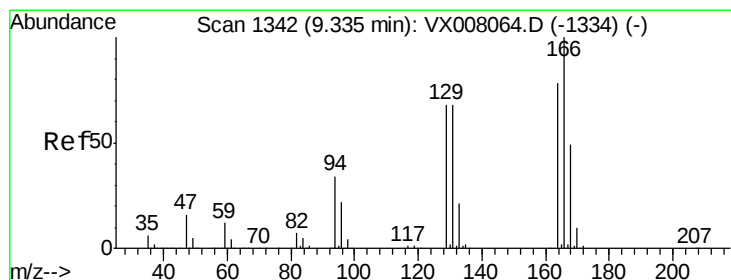
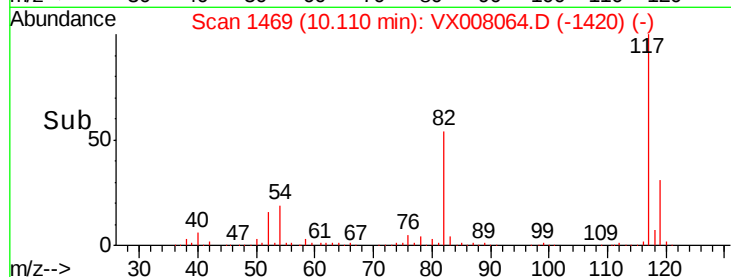
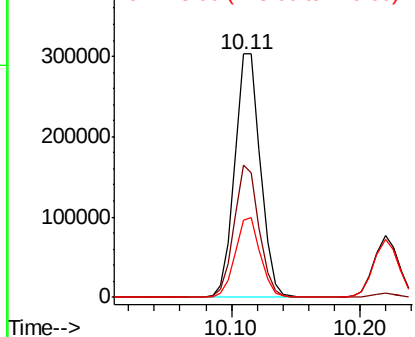
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 421291
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 31.5 25.3 37.9

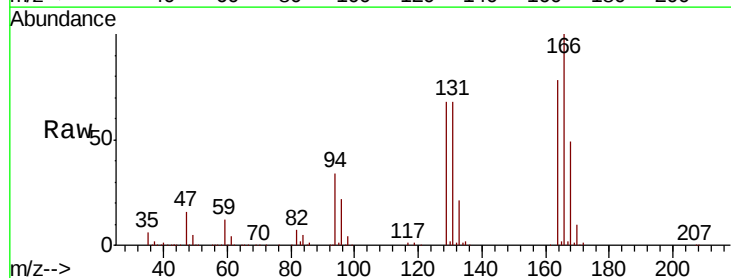


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

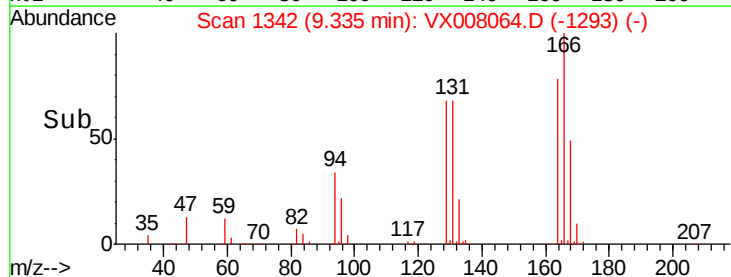
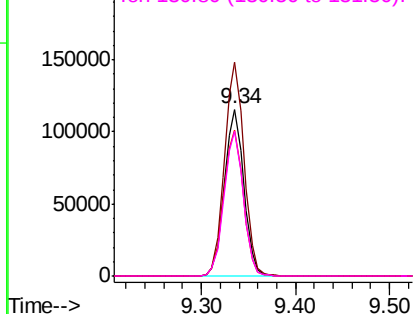


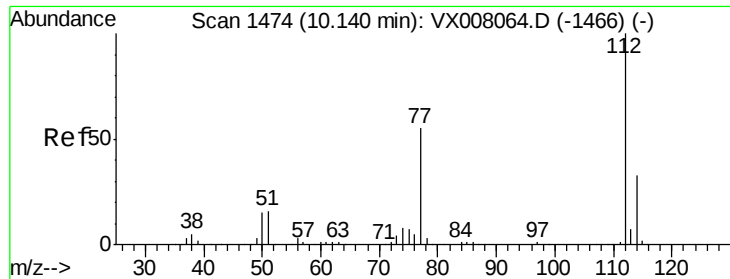
#64
Tetrachloroethene
Concen: 50.000 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion:164 Resp: 165032
Ion Ratio Lower Upper
164 100
166 128.2 103.4 155.0
129 87.7 72.2 108.4
131 87.0 69.4 104.2



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

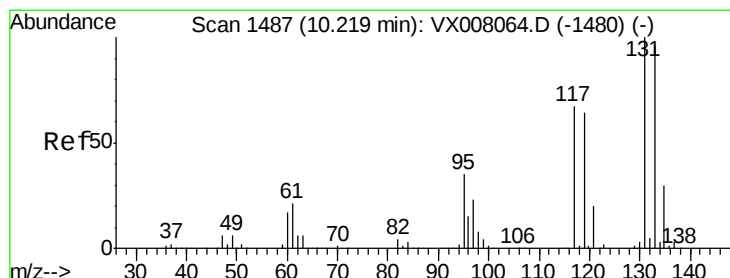
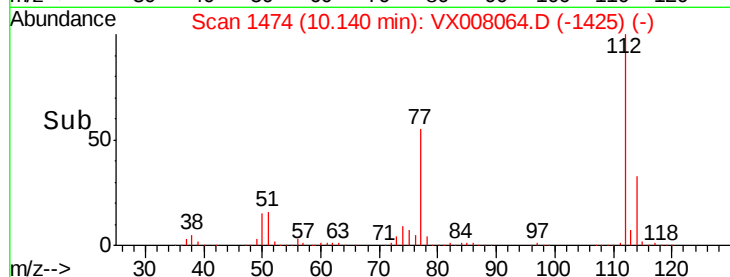
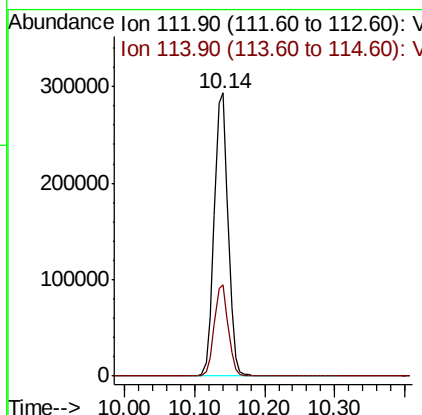
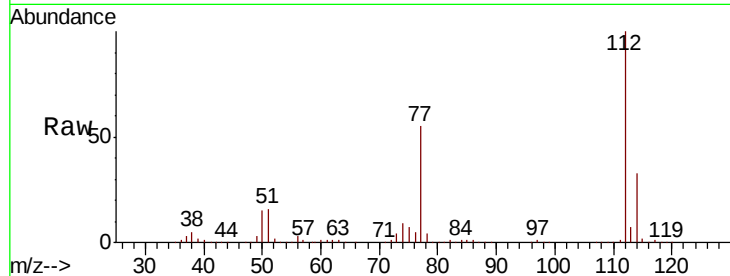




#65
Chlorobenzene
Concen: 50.000 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

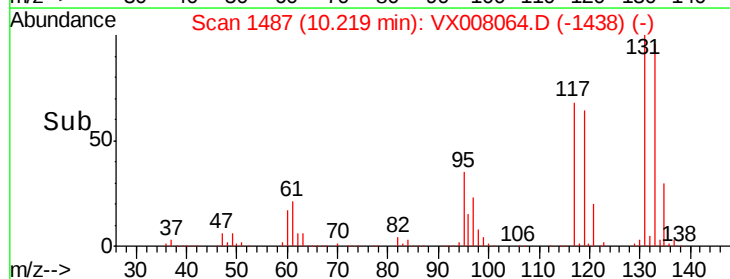
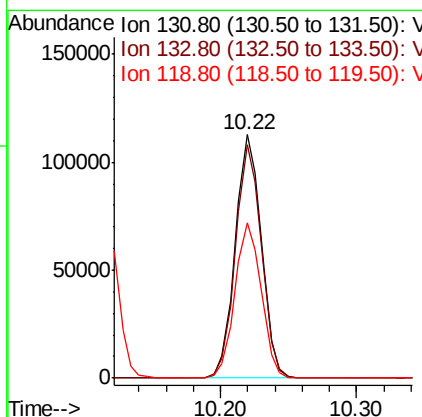
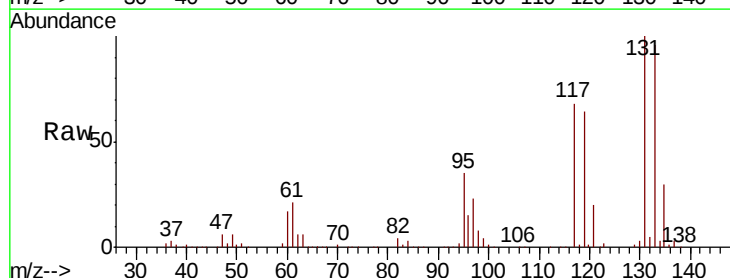
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

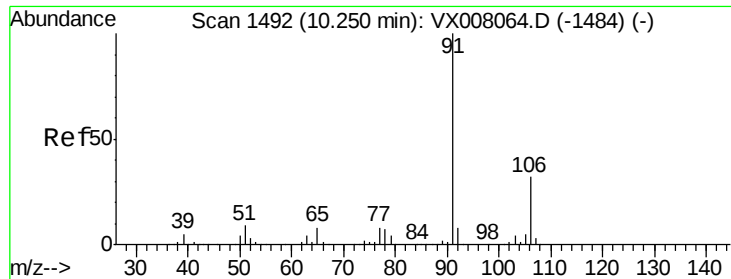
Tgt Ion:112 Resp: 406248
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#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: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion:131 Resp: 150244
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 64.3 32.5 97.5

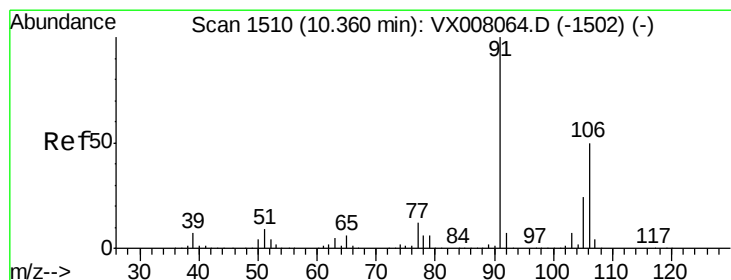
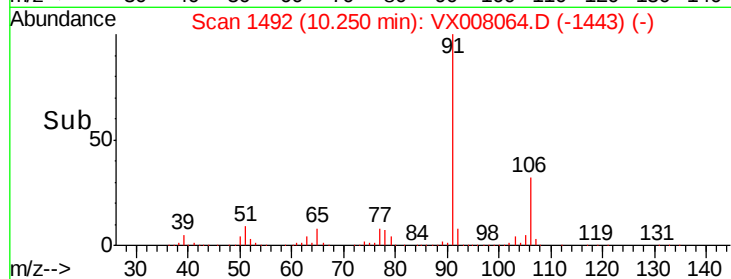
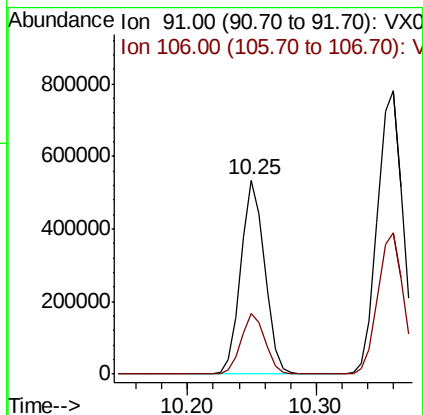
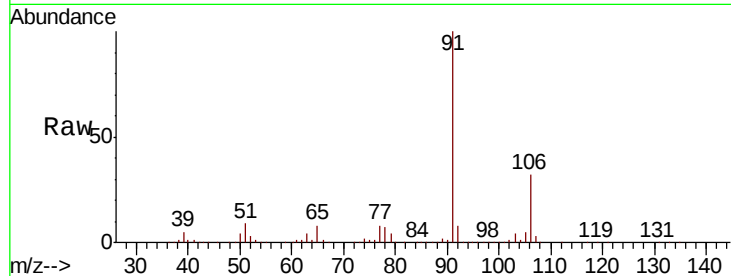




#67
Ethyl Benzene
Concen: 50.000 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

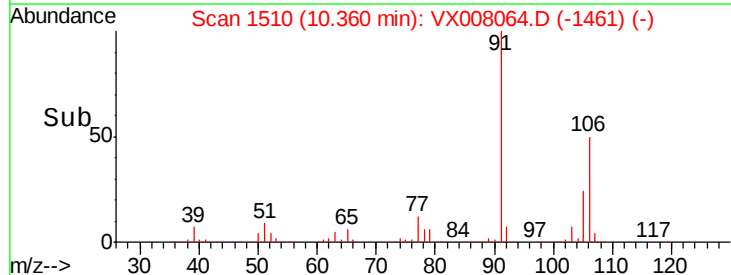
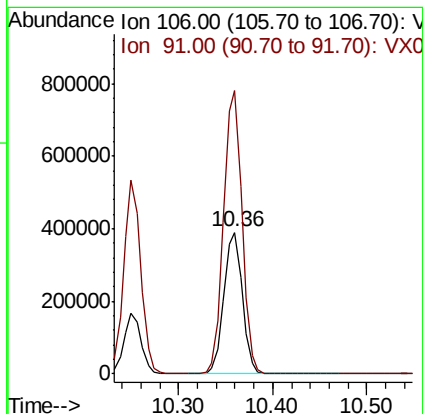
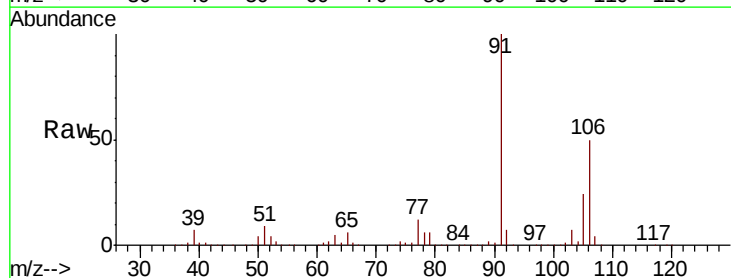
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

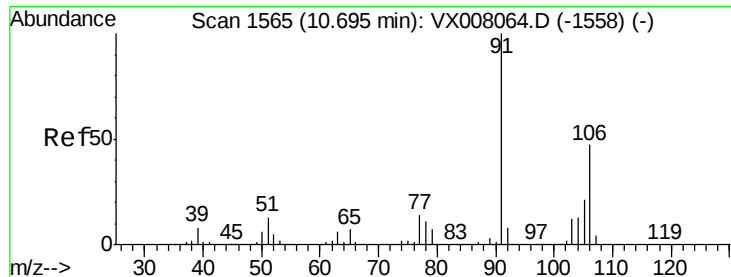
Tgt Ion: 91 Resp: 688378
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 100.000 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 106 Resp: 530402
Ion Ratio Lower Upper
106 100
91 200.4 159.8 239.6

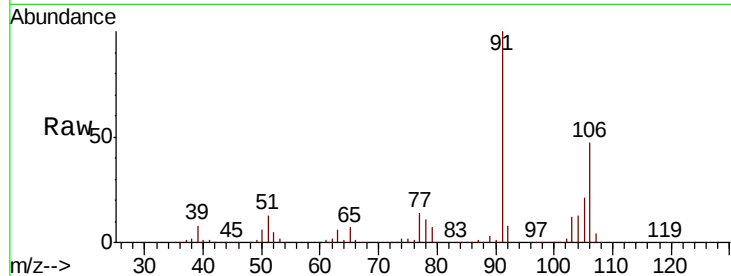




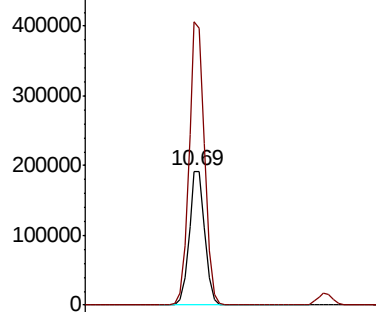
#69
o-Xylene
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

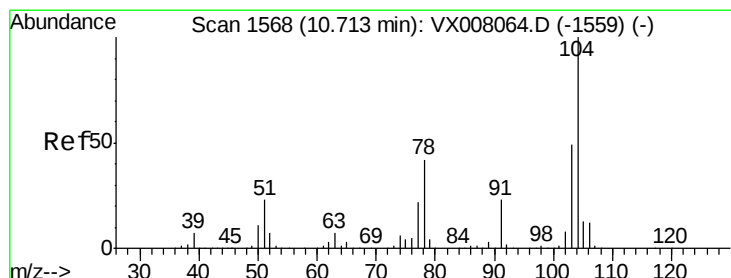
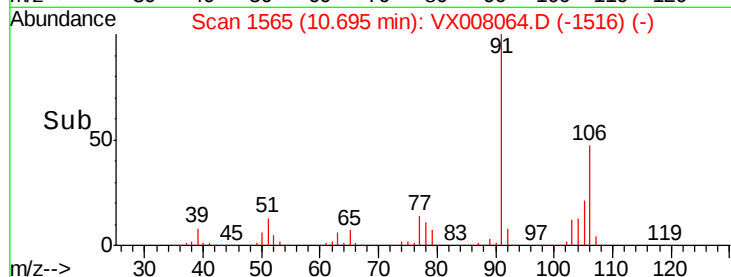
Tgt Ion:106 Resp: 257676
Ion Ratio Lower Upper
106 100
91 211.0 106.3 318.9



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

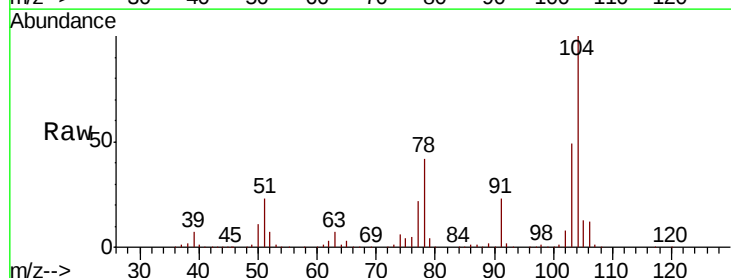


Time-->

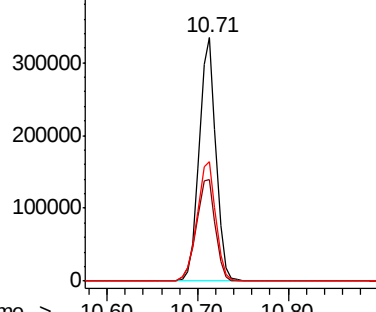


#70
Styrene
Concen: 50.000 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

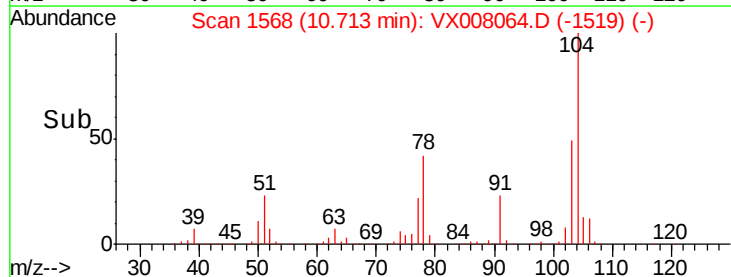
Tgt Ion:104 Resp: 426503
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 55.0 44.1 66.1

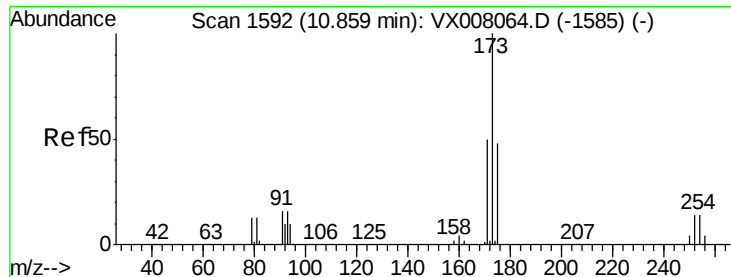


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 50.000 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

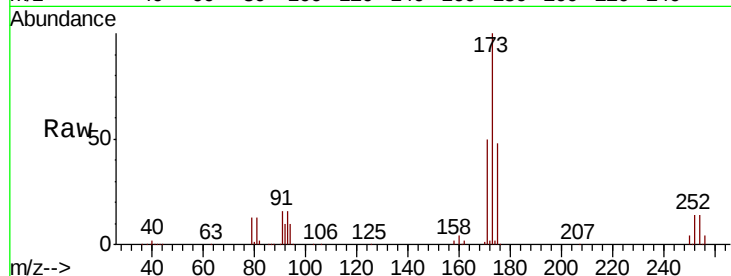
Tgt Ion:173 Resp: 126759

Ion Ratio Lower Upper

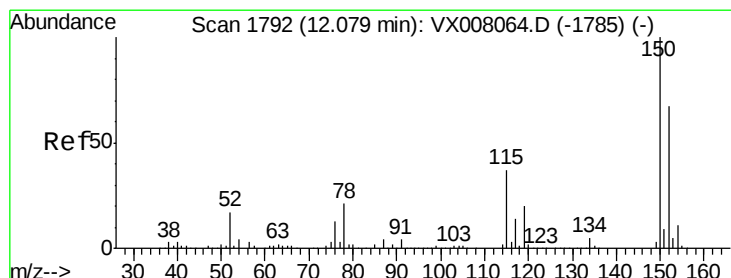
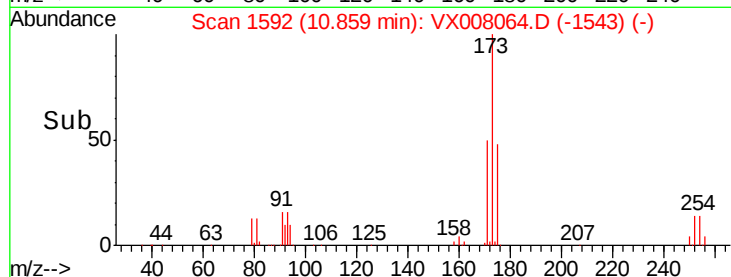
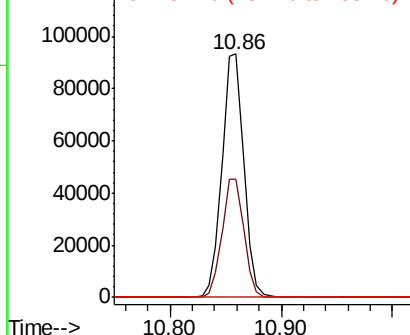
173 100

175 48.7 24.3 72.9

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

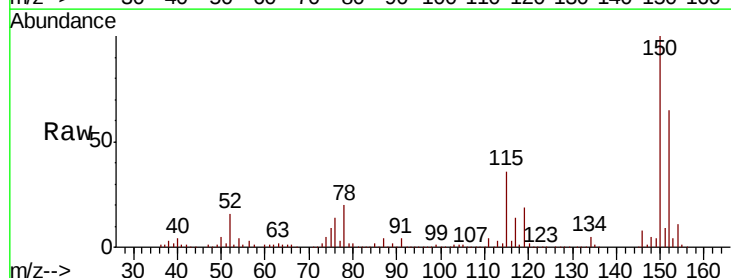
Tgt Ion:152 Resp: 215133

Ion Ratio Lower Upper

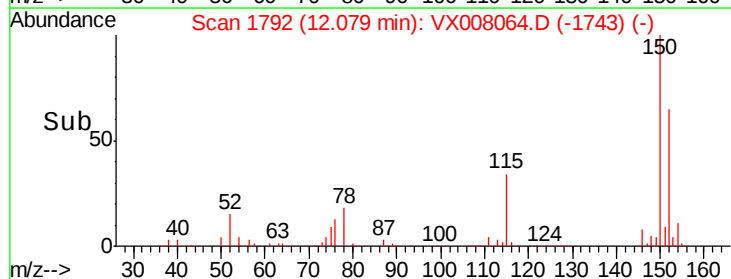
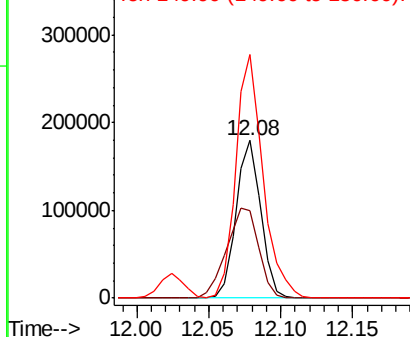
152 100

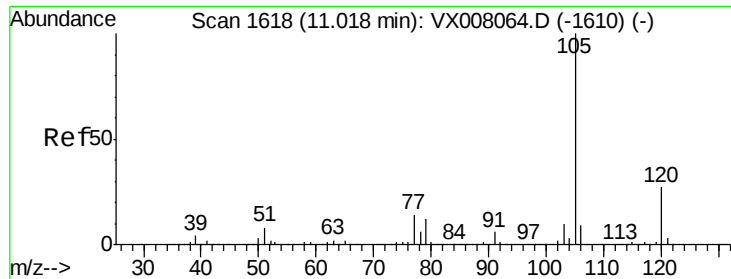
115 74.9 38.6 115.7

150 169.7 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.000 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

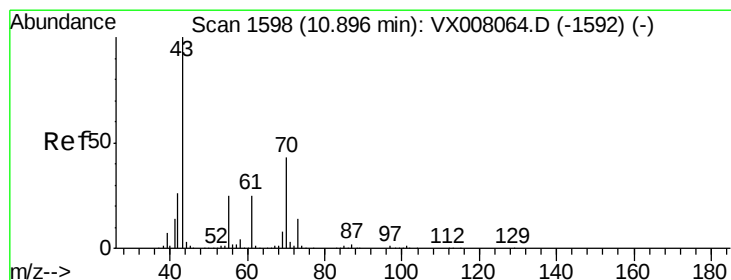
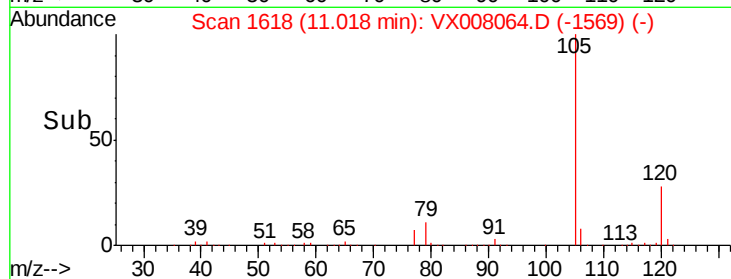
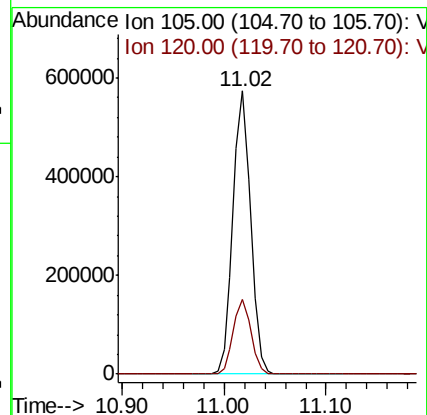
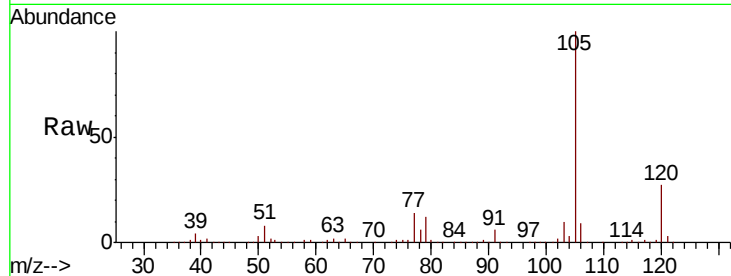
VSTDICCC050

Tgt Ion: 105 Resp: 686850

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 50.000 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Tgt Ion: 43 Resp: 287354

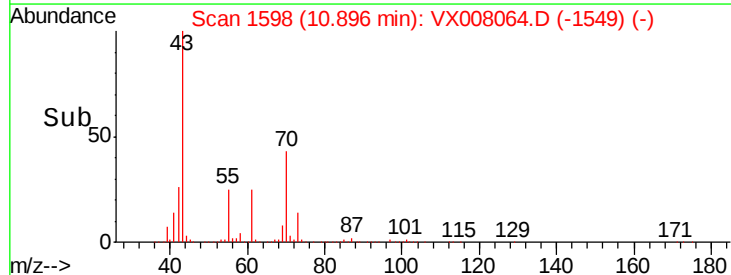
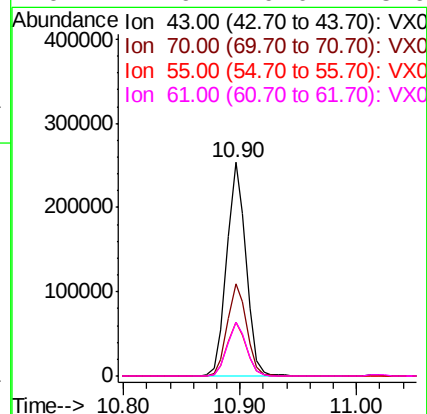
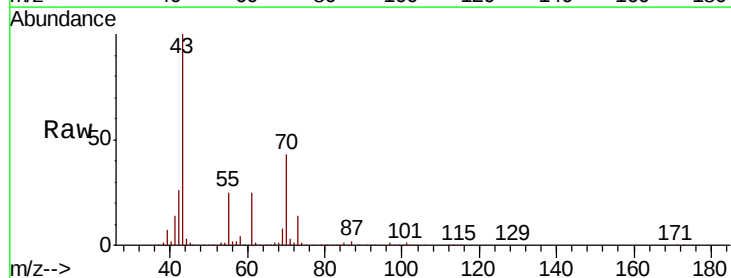
Ion Ratio Lower Upper

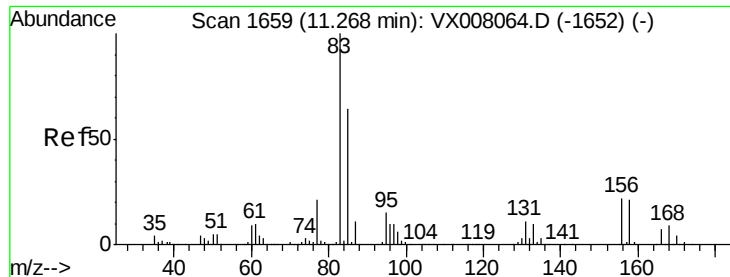
43 100

70 43.5 33.5 50.3

55 25.3 19.2 28.8

61 24.9 19.0 28.6





#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: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

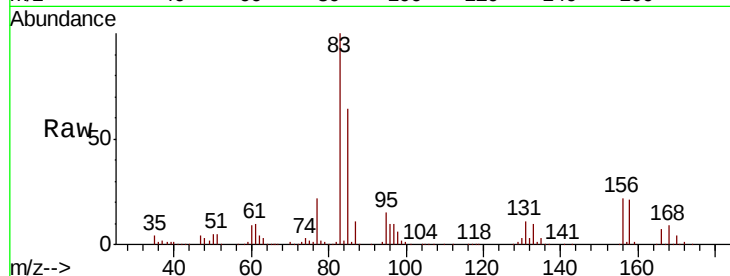
Tgt Ion: 83 Resp: 214126

Ion Ratio Lower Upper

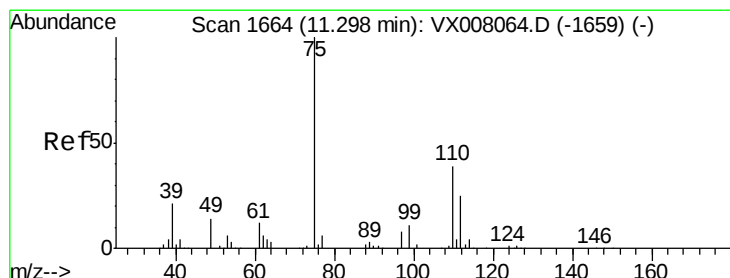
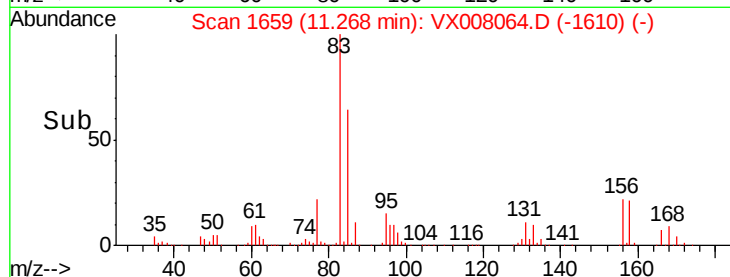
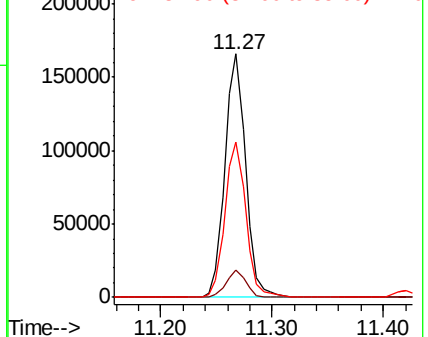
83 100

131 10.8 5.4 16.2

85 64.5 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: 70.732 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX008064.D

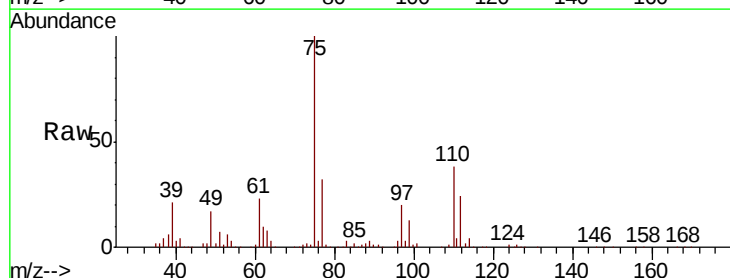
Acq: 14 Mar 2019 10:58

Tgt Ion: 75 Resp: 255996

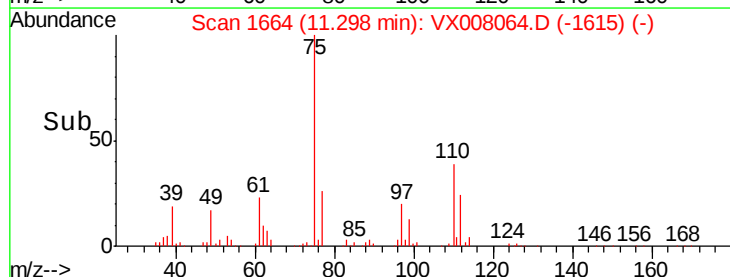
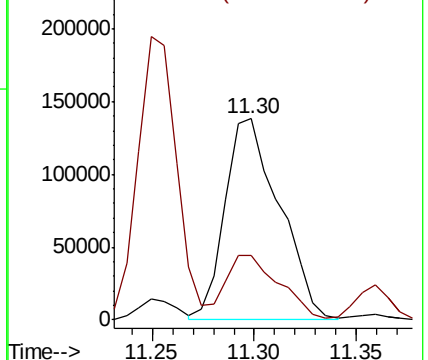
Ion Ratio Lower Upper

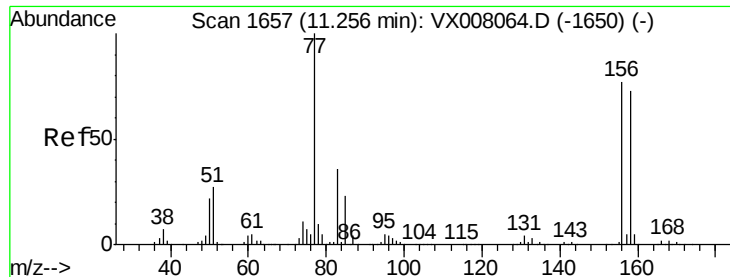
75 100

77 32.1 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: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

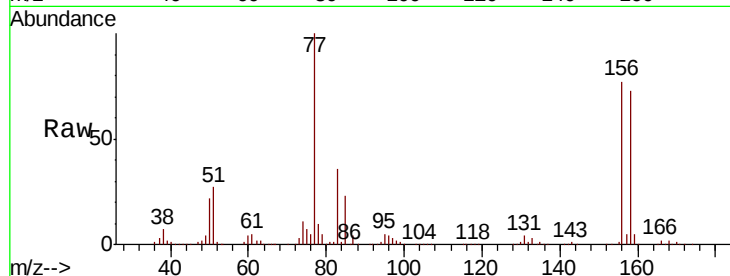
Tgt Ion:156 Resp: 183653

Ion Ratio Lower Upper

156 100

77 139.4 72.0 215.9

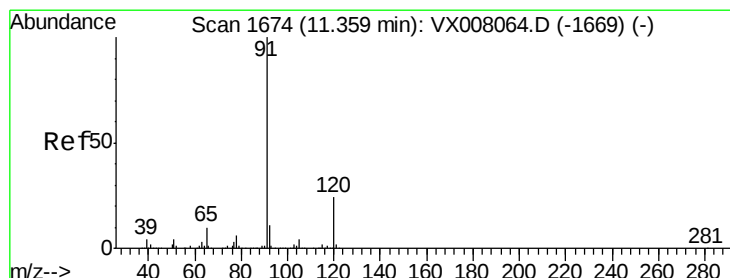
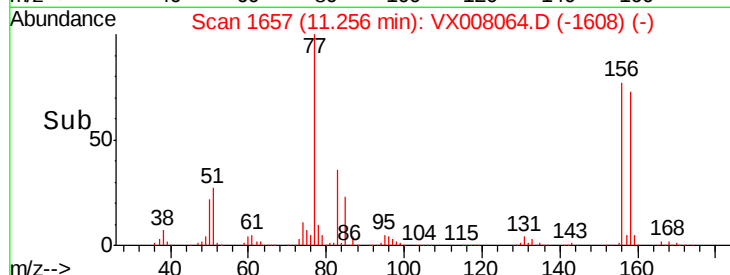
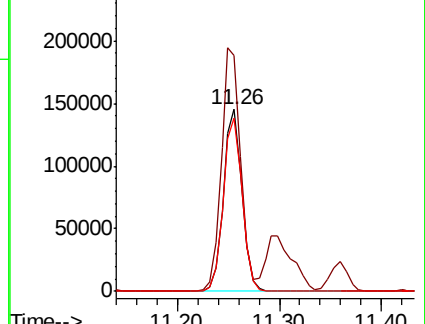
158 97.3 48.6 145.9



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: VX008064.D

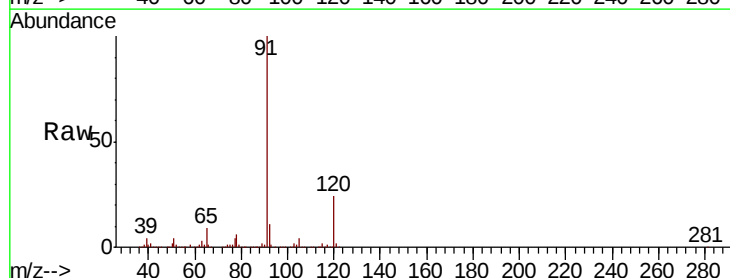
Acq: 14 Mar 2019 10:58

Tgt Ion: 91 Resp: 767879

Ion Ratio Lower Upper

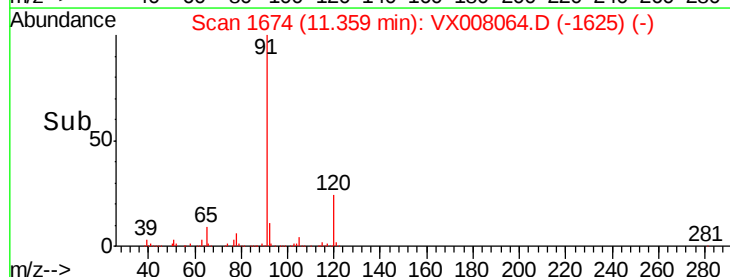
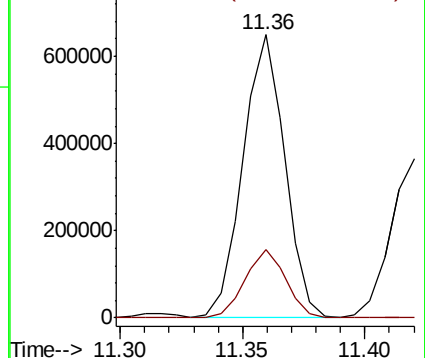
91 100

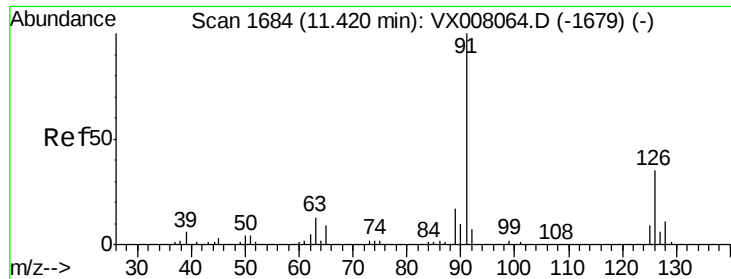
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

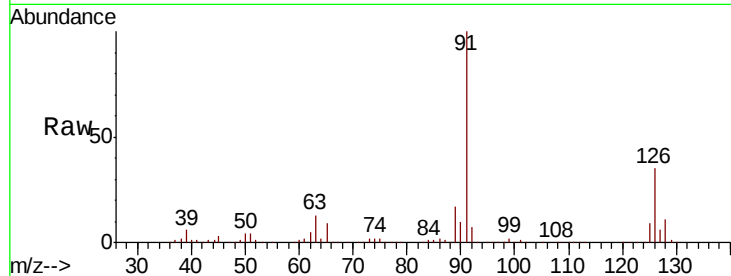




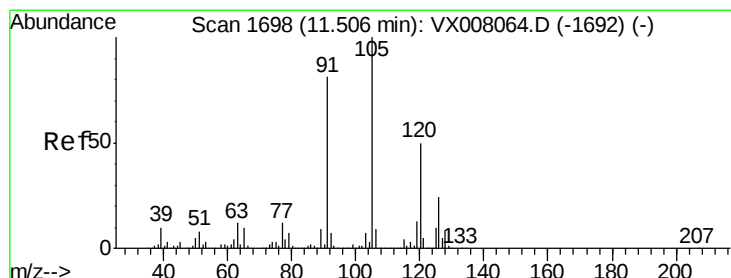
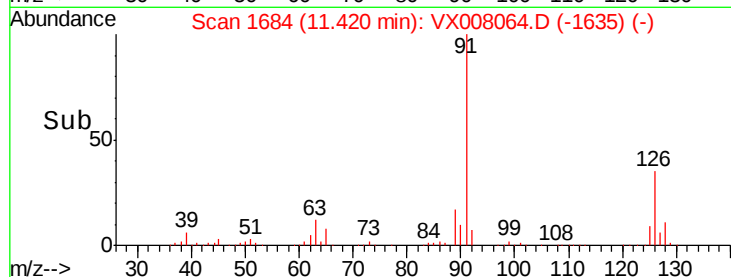
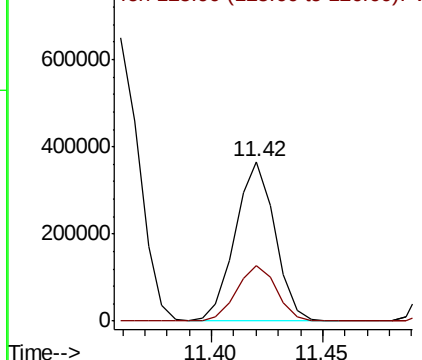
#79
 2-Chlorotoluene
 Concen: 50.000 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 453394
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.5 52.6

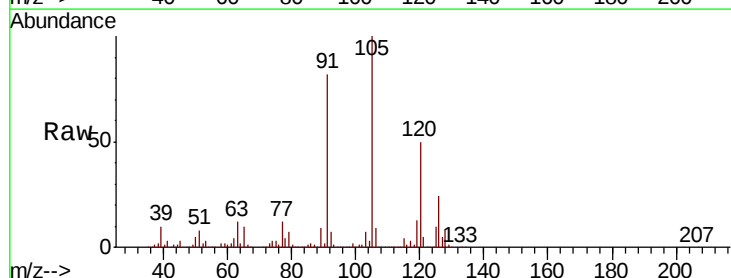


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

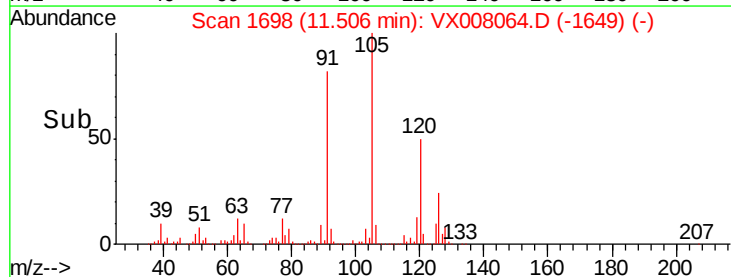
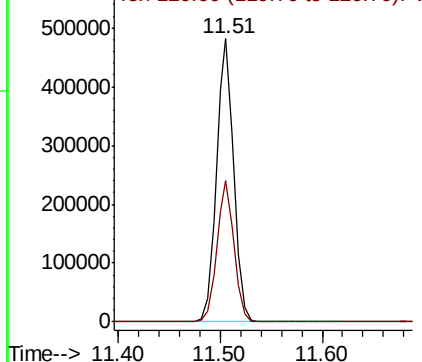


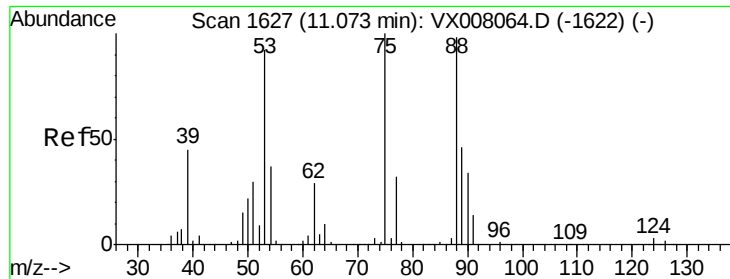
#80
 1,3,5-Trimethylbenzene
 Concen: 50.000 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Tgt Ion: 105 Resp: 570325
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 50.000 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

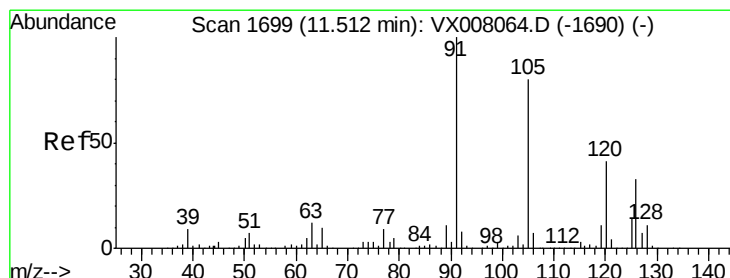
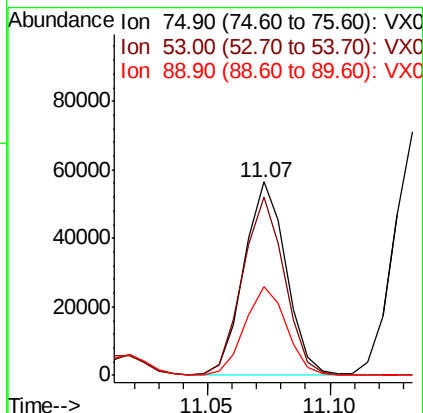
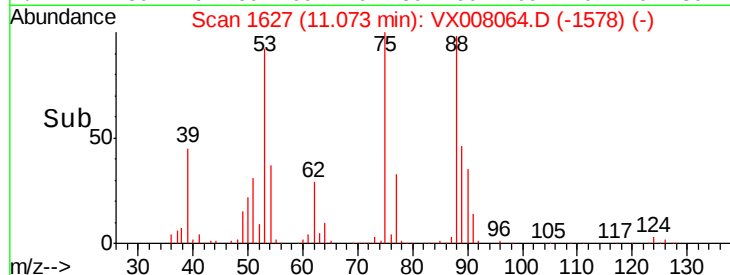
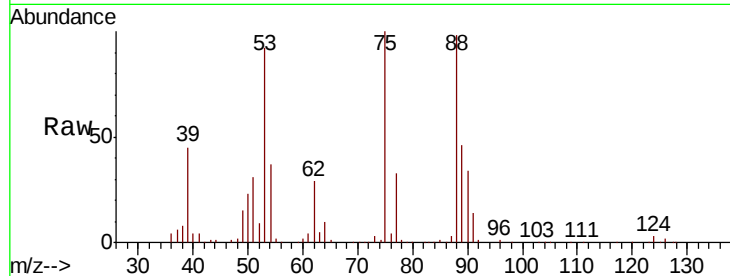
Tgt Ion: 75 Resp: 68180

Ion Ratio Lower Upper

75 100

53 91.5 76.1 114.1

89 45.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 50.000 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008064.D

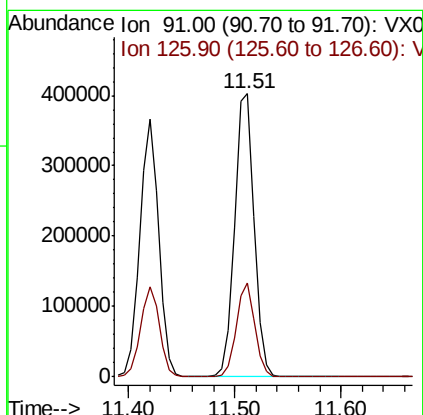
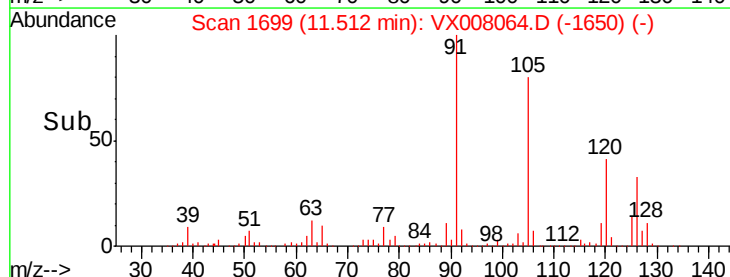
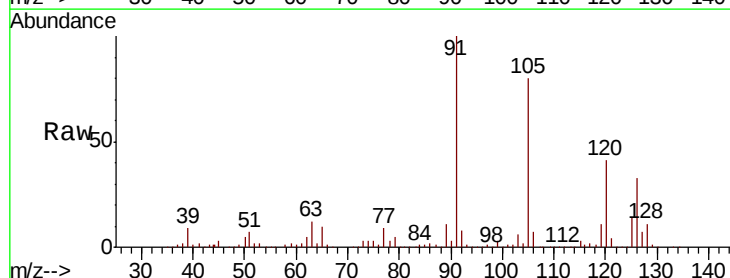
Acq: 14 Mar 2019 10:58

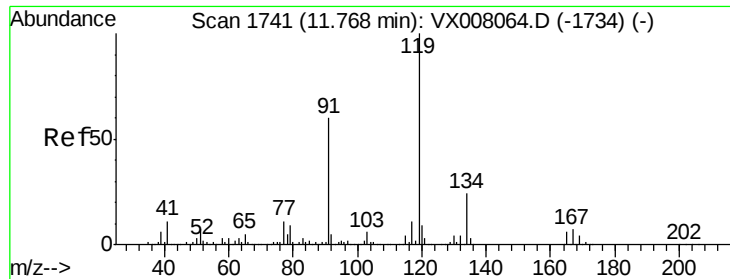
Tgt Ion: 91 Resp: 516934

Ion Ratio Lower Upper

91 100

126 31.5 15.6 46.8

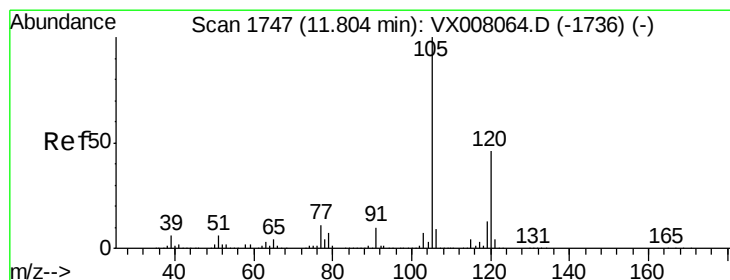
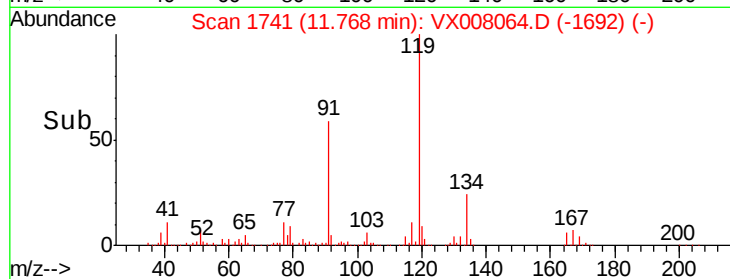
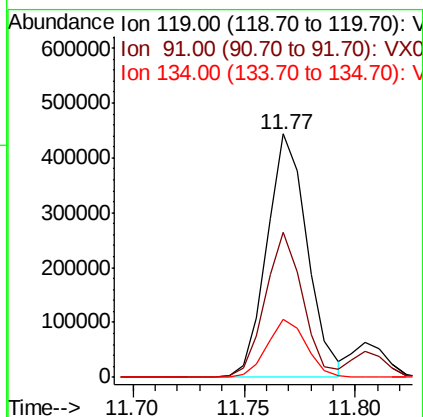
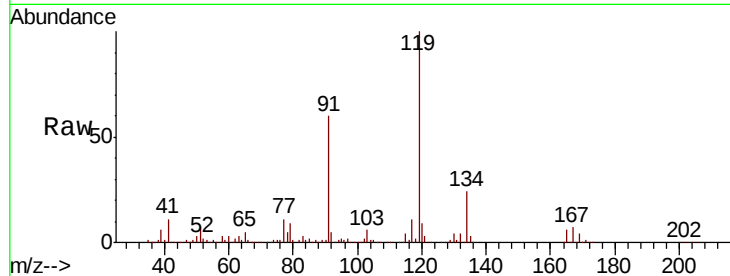




#83
 tert-Butylbenzene
 Concen: 50.000 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

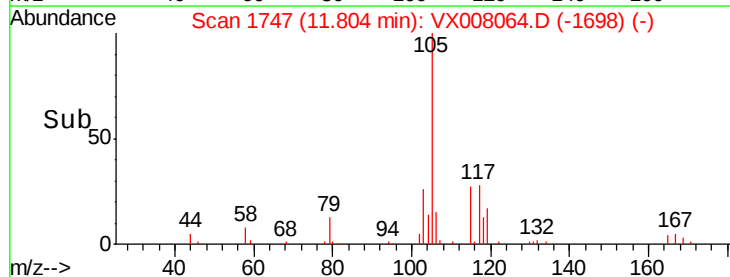
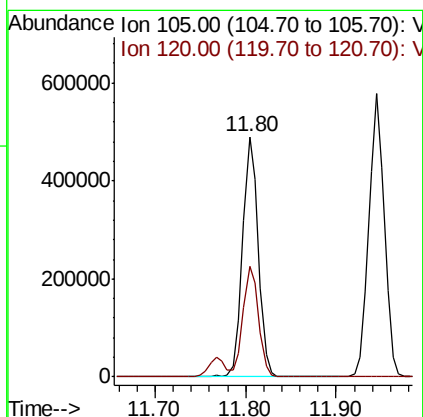
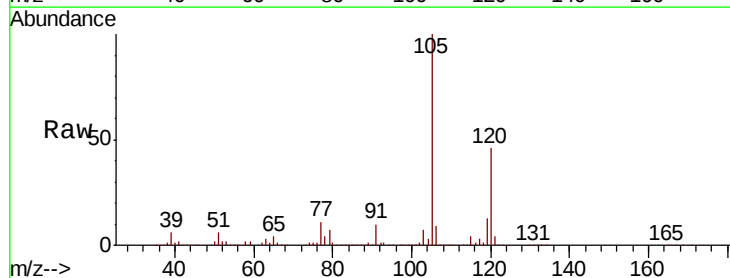
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

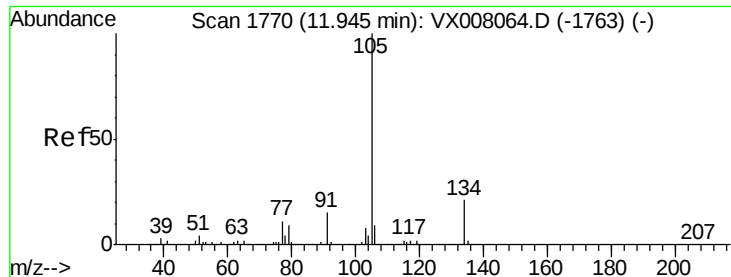
Tgt Ion:119 Resp: 558981
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.1 81.3
 134 23.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.000 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Tgt Ion:105 Resp: 586392
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.7





#85

sec-Butylbenzene

Concen: 50.000 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

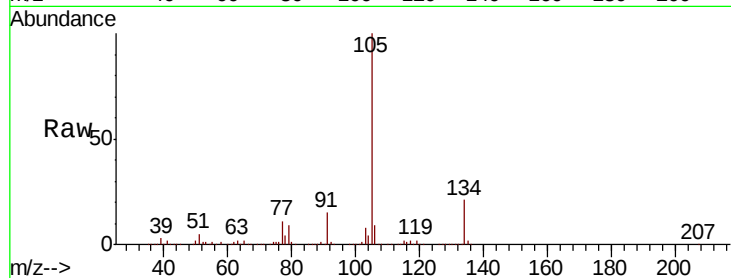
VSTDICCC050

Tgt Ion:105 Resp: 683439

Ion Ratio Lower Upper

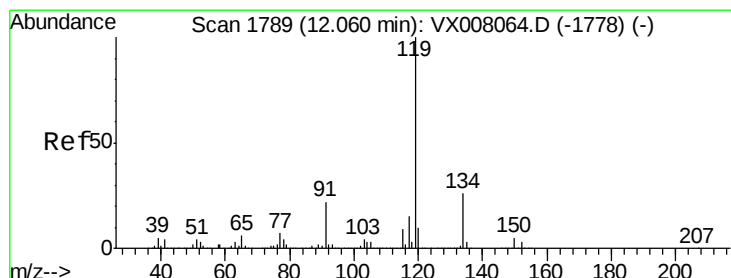
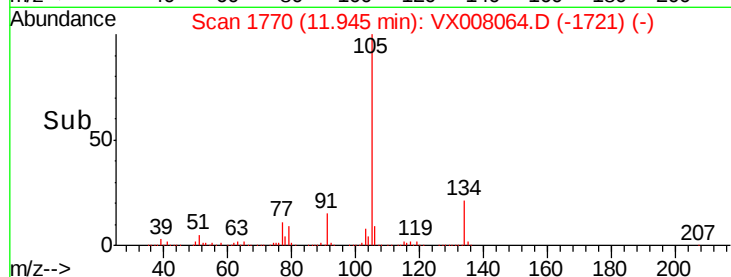
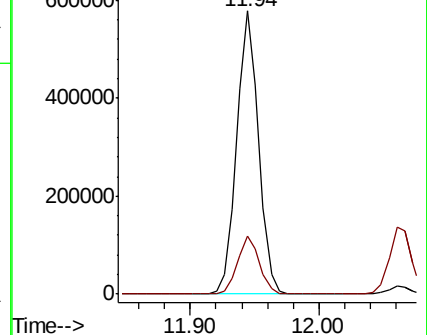
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008064.D

Acq: 14 Mar 2019 10:58

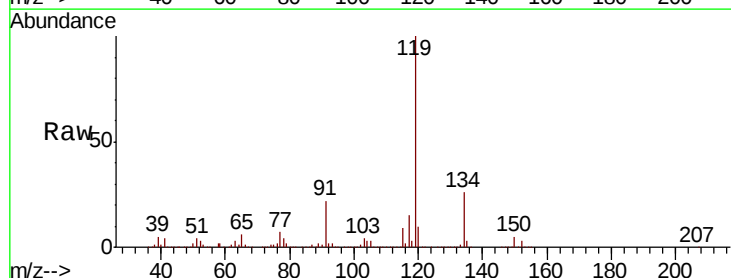
Tgt Ion:119 Resp: 619781

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

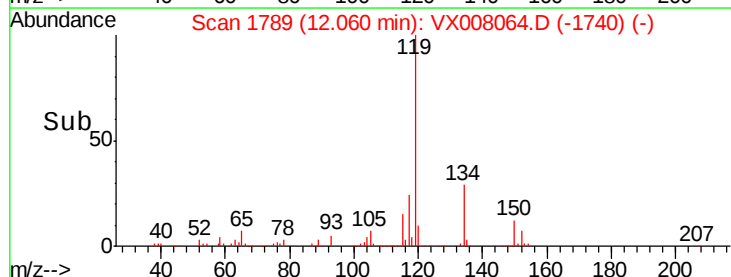
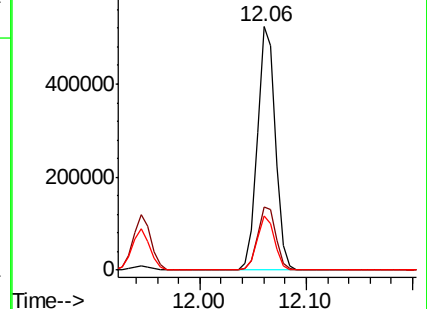
91 21.9 10.9 32.7

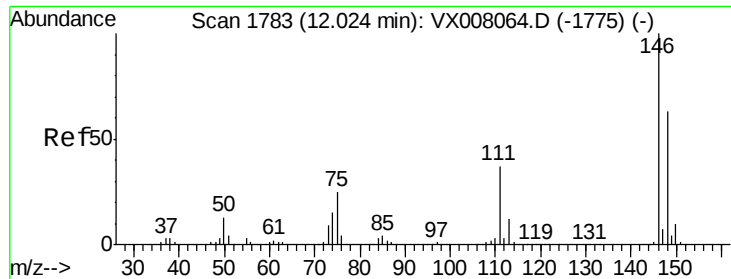


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

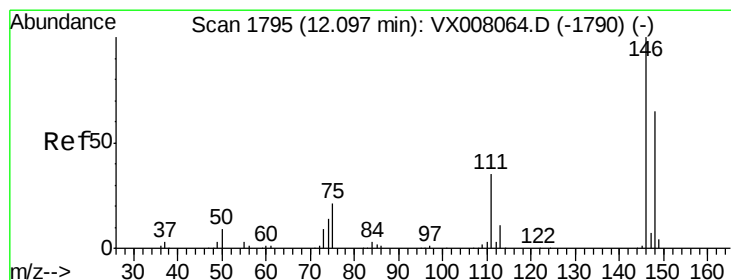
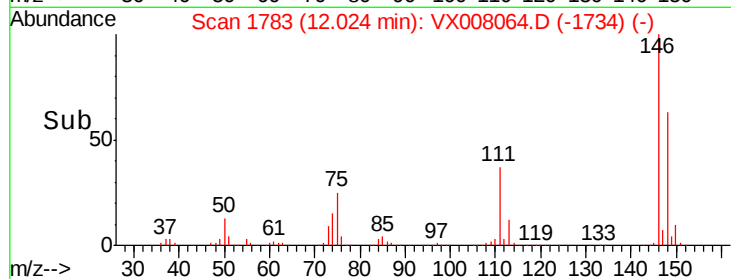
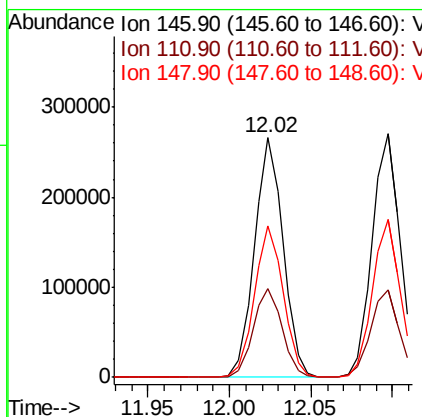
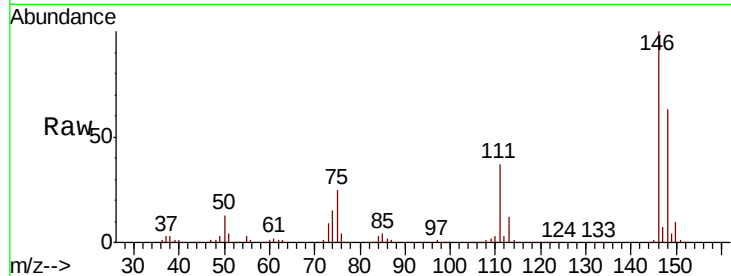




#87
 1,3-Dichlorobenzene
 Concen: 50.000 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

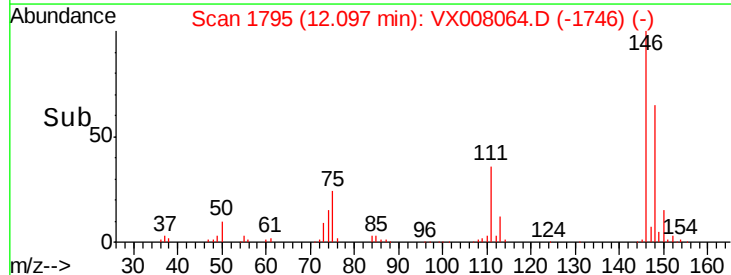
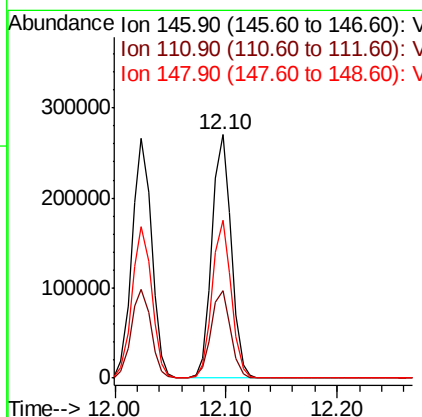
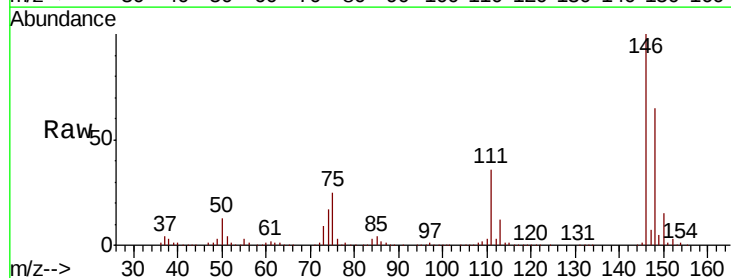
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

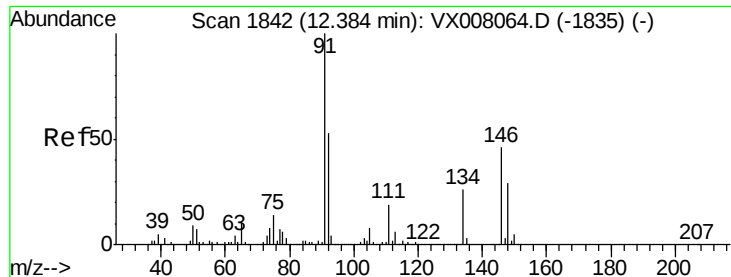
Tgt Ion:146 Resp: 325167
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.7
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 50.000 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Tgt Ion:146 Resp: 324158
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.0
 148 64.1 32.2 96.6

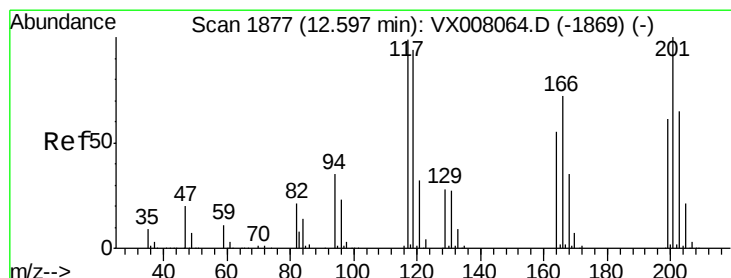
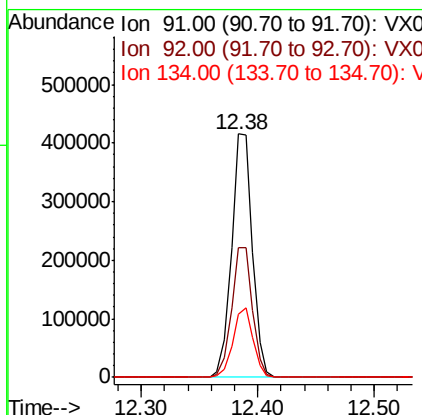
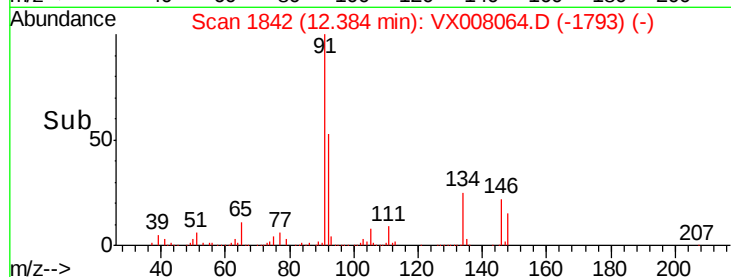
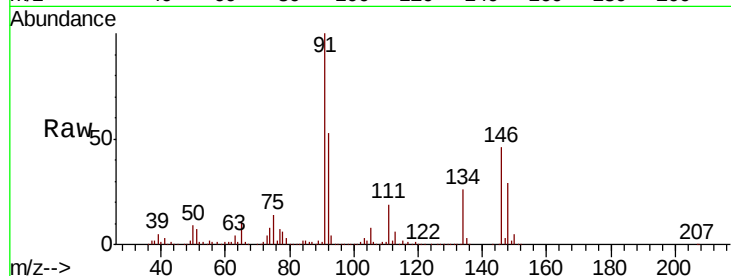




#89
n-Butylbenzene
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

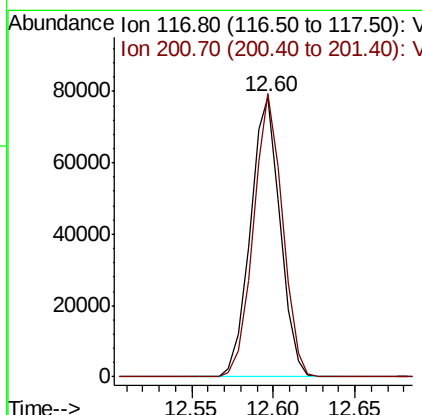
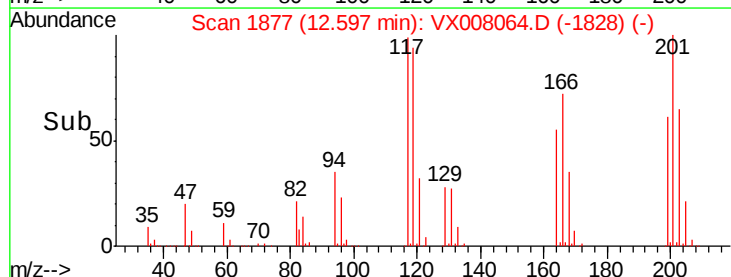
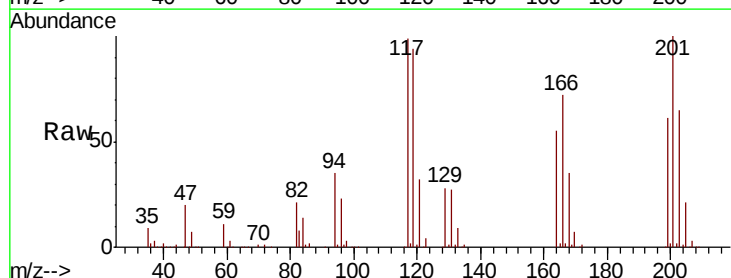
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

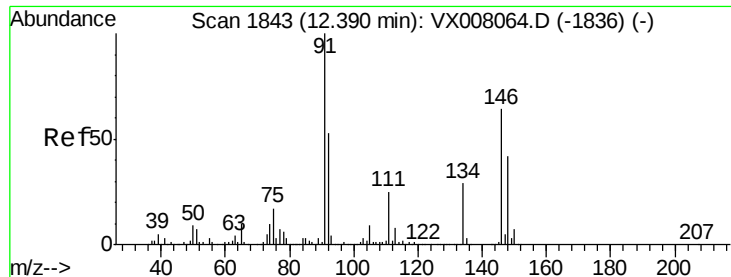
Tgt Ion: 91 Resp: 516991
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 27.5 13.7 41.0



#90
Hexachloroethane
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion: 117 Resp: 99578
Ion Ratio Lower Upper
117 100
201 98.7 48.9 146.7

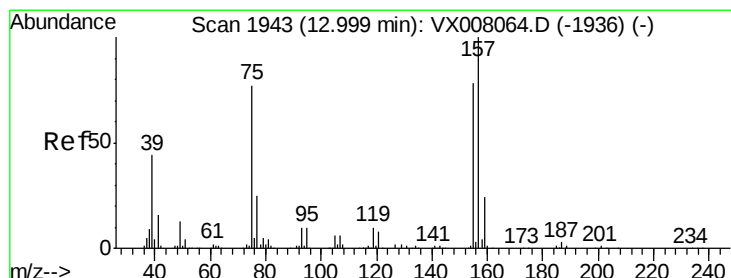
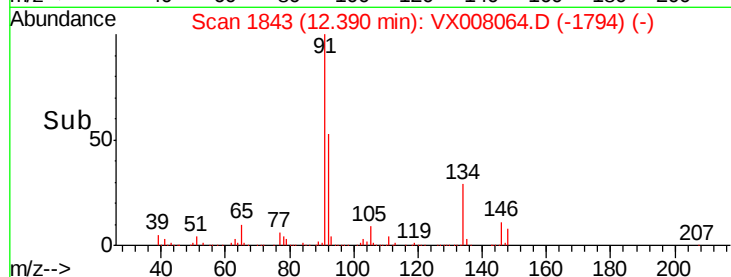
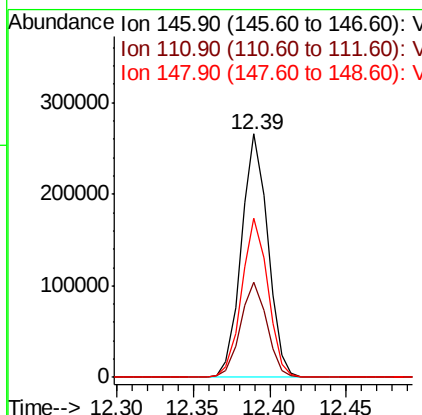
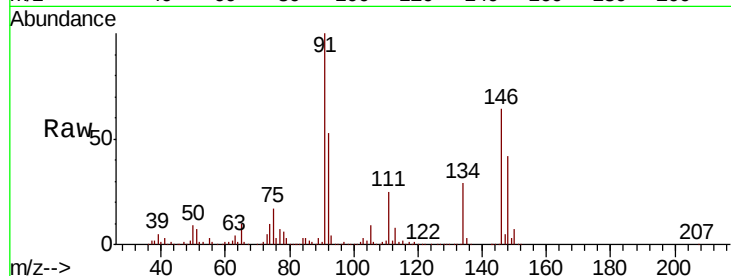




#91
 1,2-Dichlorobenzene
 Concen: 50.000 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

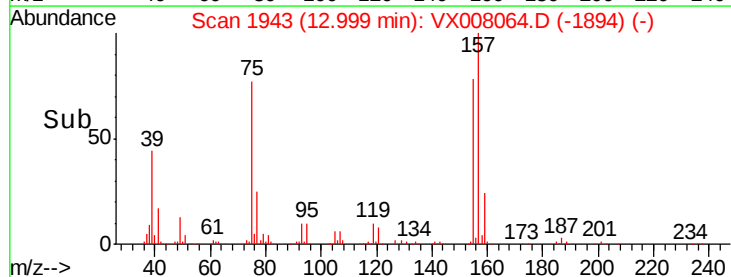
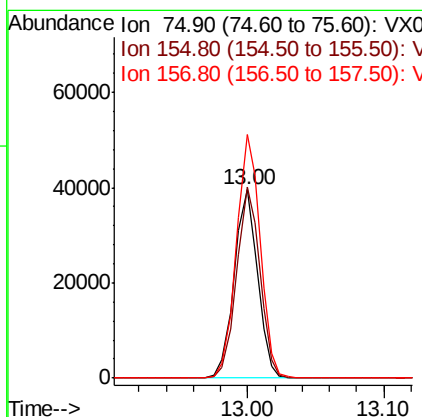
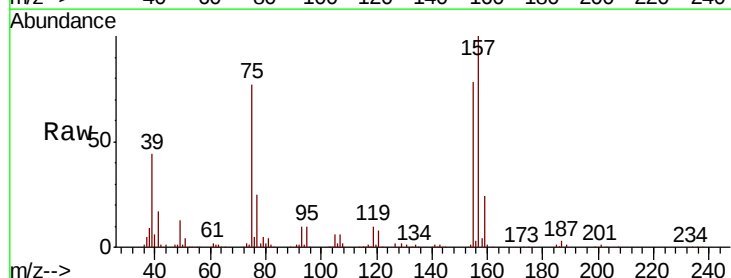
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

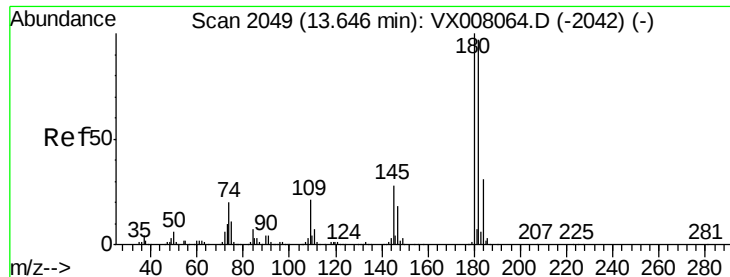
Tgt Ion: 146 Resp: 318587
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 64.8 31.9 95.5



#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: VX008064.D
 Acq: 14 Mar 2019 10:58

Tgt Ion: 75 Resp: 47284
 Ion Ratio Lower Upper
 75 100
 155 101.3 49.7 149.1
 157 131.1 63.8 191.4

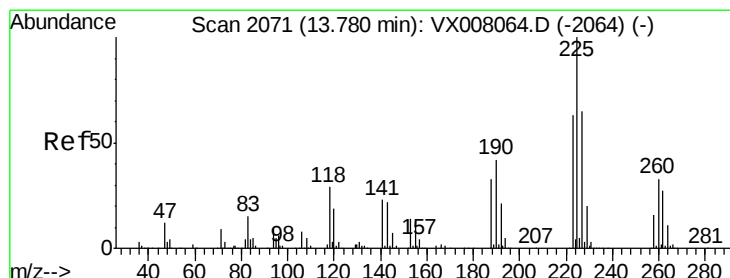
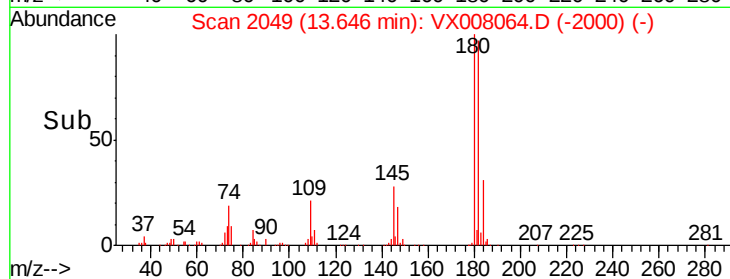
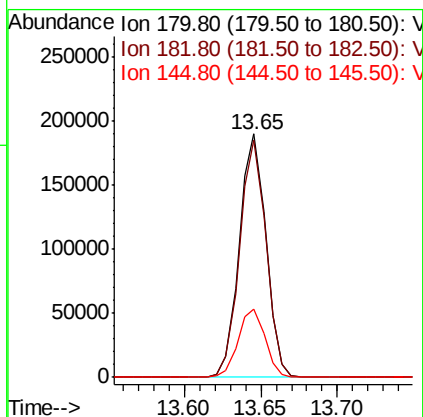
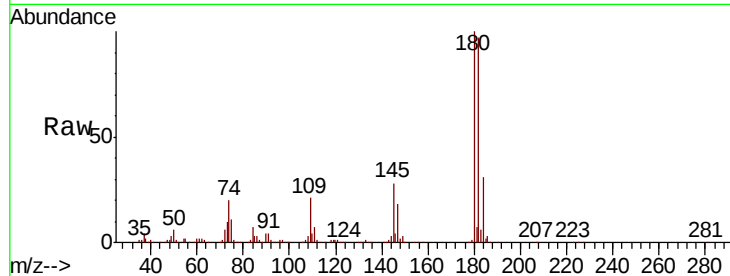




#93
 1,2,4-Trichlorobenzene
 Concen: 50.000 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

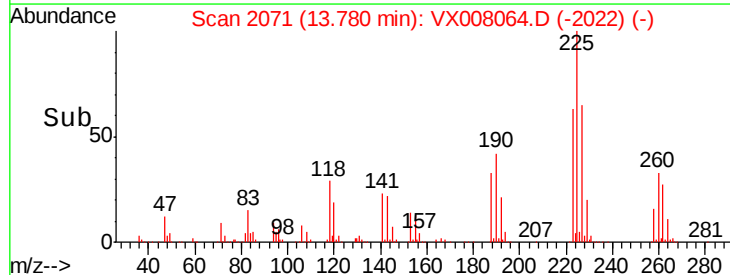
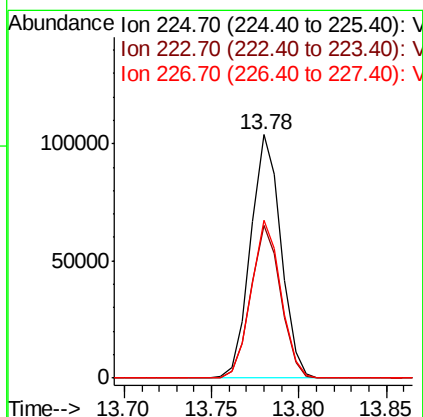
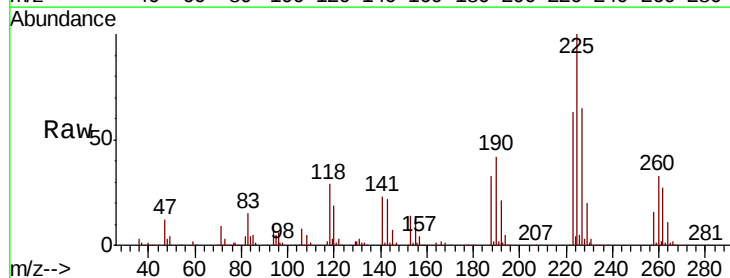
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

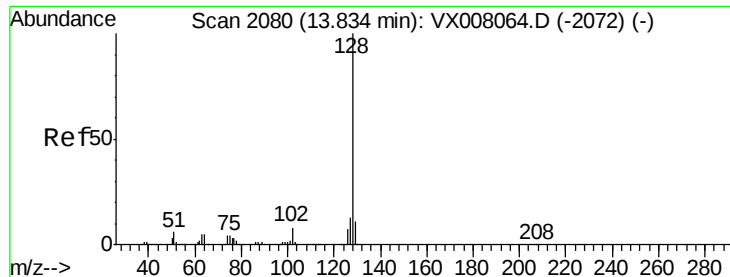
Tgt Ion:180 Resp: 229086
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.9 143.7
 145 28.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 50.000 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008064.D
 Acq: 14 Mar 2019 10:58

Tgt Ion:225 Resp: 124869
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.1 93.2
 227 63.7 32.0 96.0

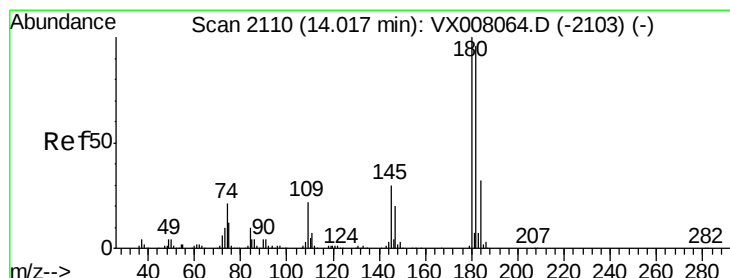
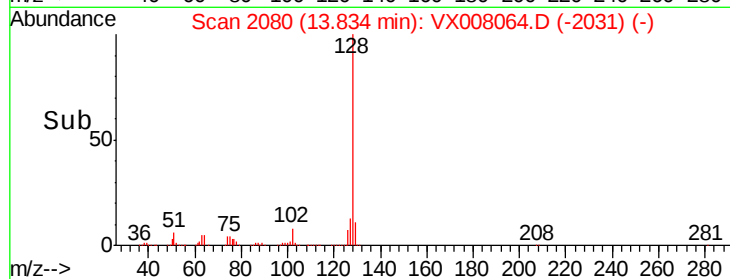
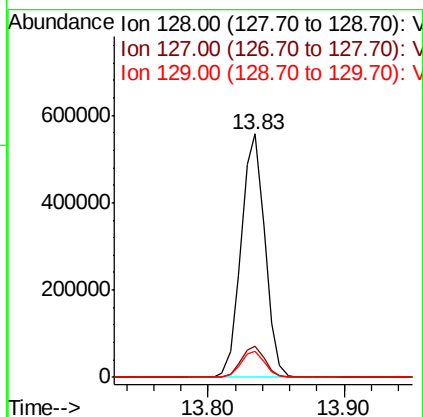
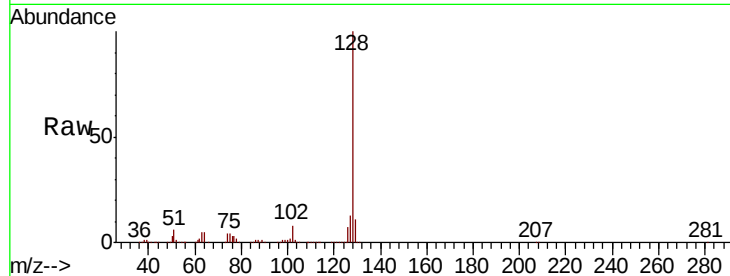




#95
Naphthalene
Concen: 50.000 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008064.D
Acq: 14 Mar 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 677854
Ion Ratio Lower Upper
128 100
127 12.8 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: VX008064.D
Acq: 14 Mar 2019 10:58

Tgt Ion:180 Resp: 228396
Ion Ratio Lower Upper
180 100
182 96.7 47.5 142.5
145 29.7 14.8 44.3

