

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009906.D
 Acq On : 28 May 2019 11:07
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: May 29 03:45:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117371	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
35) Dibromofluoromethane	5.50	113	85787	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.71	98	356260	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.13	95	130584	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	121152	68.037	ug/l	100
3) Chloromethane	1.33	50	142030	60.182	ug/l	100
4) Vinyl Chloride	1.41	62	133184	58.490	ug/l	100
5) Bromomethane	1.64	94	73966	54.205	ug/l	100
6) Chloroethane	1.72	64	77139	53.619	ug/l	100
7) Trichlorofluoromethane	1.93	101	147799	54.262	ug/l	100
8) Diethyl Ether	2.19	74	64069	50.255	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87144	51.542	ug/l	100
10) Methyl Iodide	2.51	142	107396	59.918	ug/l	100
11) Tert butyl alcohol	3.05	59	146528	256.295	ug/l	100
12) 1,1-Dichloroethene	2.37	96	88363	52.196	ug/l	100
13) Acrolein	2.29	56	106532	213.876	ug/l	100
14) Allyl chloride	2.73	41	217070	52.283	ug/l	100
15) Acrylonitrile	3.15	53	351577	251.939	ug/l	100
16) Acetone	2.45	43	347554	260.693	ug/l	100
17) Carbon Disulfide	2.57	76	268827	55.812	ug/l	100
18) Methyl Acetate	2.78	43	153455	48.874	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	328863	50.232	ug/l	100
20) Methylene Chloride	2.85	84	104462	48.942	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	93293	50.939	ug/l	100
22) Diisopropyl ether	3.85	45	408913	51.476	ug/l	100
23) Vinyl Acetate	3.82	43	1851978	271.065	ug/l	100
24) 1,1-Dichloroethane	3.70	63	196322	50.223	ug/l	100
25) 2-Butanone	4.68	43	547733	264.947	ug/l	100
26) 2,2-Dichloropropane	4.59	77	150130	51.546	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	107268	49.224	ug/l	100
28) Bromochloromethane	5.02	49	96907	54.711	ug/l	100
29) Tetrahydrofuran	5.13	42	349097	263.005	ug/l	100
30) Chloroform	5.21	83	175901	49.864	ug/l	100
31) Cyclohexane	5.58	56	198294	53.863	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	149164	50.674	ug/l	100
36) 1,1-Dichloropropene	5.80	75	137845	51.725	ug/l	100
37) Ethyl Acetate	4.84	43	200090	53.538	ug/l	100
38) Carbon Tetrachloride	5.79	117	125507	51.864	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	174971	53.302	ug/l	100
40) Benzene	6.15	78	421769	51.266	ug/l	100
41) Methacrylonitrile	5.04	41	112465	50.846	ug/l	100
42) 1,2-Dichloroethane	6.20	62	151776	51.224	ug/l	100
43) Isopropyl Acetate	6.45	43	315425	52.946	ug/l	100
44) Trichloroethene	7.21	130	99597	50.147	ug/l	100
45) 1,2-Dichloropropane	7.51	63	119641	51.368	ug/l	100
46) Dibromomethane	7.66	93	67813	50.164	ug/l	100
47) Bromodichloromethane	7.90	83	136658	50.772	ug/l	100
48) Methyl methacrylate	7.77	41	160246	54.031	ug/l	100
49) 1,4-Dioxane	7.74	88	58120	979.450	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1045713	267.862	ug/l	100
52) Toluene	8.79	92	256471	51.270	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	166082	54.221	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	180650	53.490	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	101408	49.946	ug/l	100
56) Ethyl methacrylate	9.18	69	193213	52.931	ug/l	100
57) 1,3-Dichloropropane	9.37	76	181678	50.626	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	497577	259.643	ug/l	100
59) 2-Hexanone	9.49	43	826444	269.788	ug/l	100
60) Dibromochloromethane	9.58	129	104157	52.324	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104455	50.883	ug/l	100
64) Tetrachloroethene	9.34	164	90511	50.384	ug/l	100
65) Chlorobenzene	10.14	112	264601	50.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	95257	50.297	ug/l	100
67) Ethyl Benzene	10.25	91	491048	50.993	ug/l	100
68) m/p-Xylenes	10.36	106	364816	103.569	ug/l	100
69) o-Xylene	10.69	106	175973	50.666	ug/l	100
70) Styrene	10.71	104	309023	51.321	ug/l	100
71) Bromoform	10.85	173	79736	51.728	ug/l	100
73) Isopropylbenzene	11.02	105	472574	50.238	ug/l	100
74) N-amyl acetate	10.90	43	289120	52.535	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	170089	48.736	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207962	69.272	ug/l	81
77) Bromobenzene	11.26	156	114806	49.228	ug/l	100
78) n-propylbenzene	11.36	91	551557	51.245	ug/l	100
79) 2-Chlorotoluene	11.42	91	327116	49.237	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	400788	50.531	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62453	52.949	ug/l	100
82) 4-Chlorotoluene	11.51	91	380868	50.699	ug/l	100
83) tert-Butylbenzene	11.77	119	382999	49.728	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	405532	50.933	ug/l	100
85) sec-Butylbenzene	11.94	105	461074	50.480	ug/l	100
86) p-Isopropyltoluene	12.06	119	423050	51.465	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206242	49.638	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	207144	49.426	ug/l	100
89) n-Butylbenzene	12.38	91	396432	53.127	ug/l	100
90) Hexachloroethane	12.60	117	71733	51.310	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	205060	48.612	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39757	50.791	ug/l	100

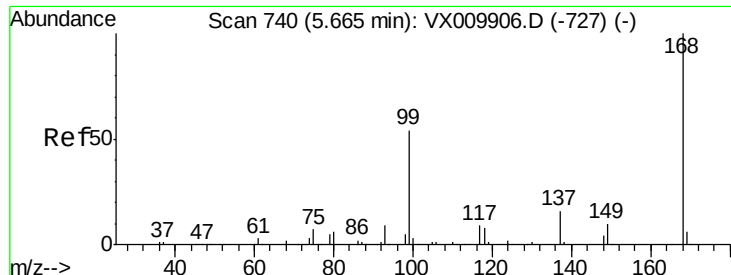
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147926	51.136	ug/l	100
94) Hexachlorobutadiene	13.78	225	75106	50.716	ug/l	100
95) Naphthalene	13.83	128	465427	49.813	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	146280	50.004	ug/l	100

(#) = 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: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

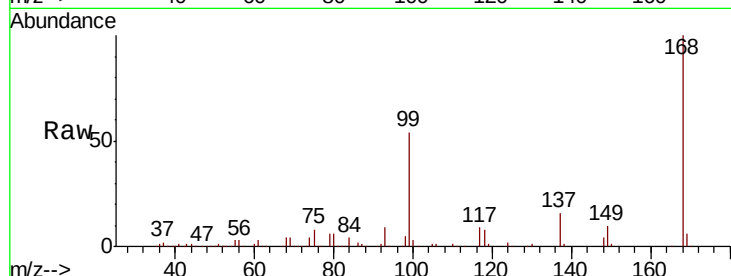
VSTDICCC050

Tot Ion:168 Resp: 178677

Ion Ratio Lower Upper

168 100

99 53.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

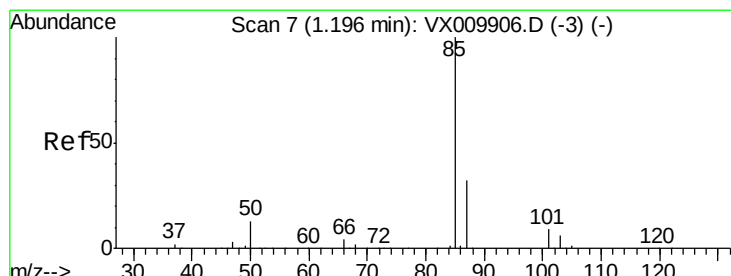
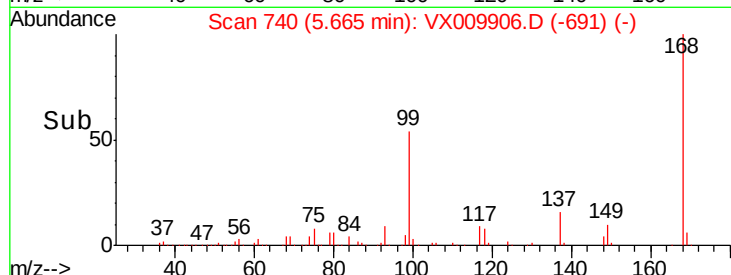
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 68.037 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009906.D

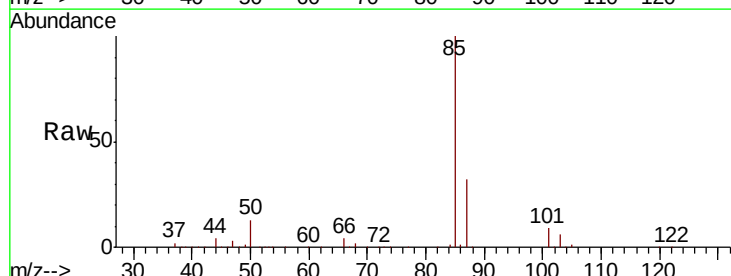
Acq: 28 May 2019 11:07

Tgt Ion: 85 Resp: 121152

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

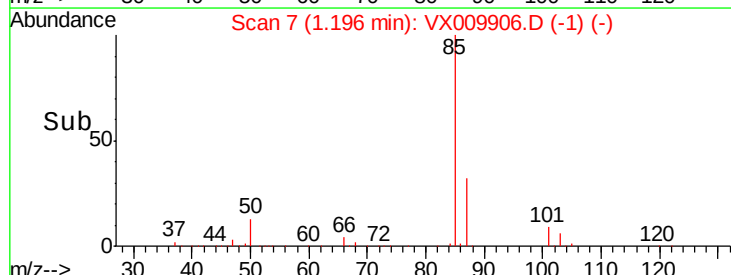
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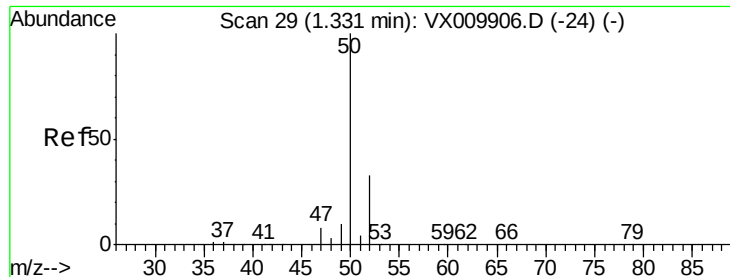
20000

0

1.20 1.30

Time-->





#3

Chloromethane

Concen: 60.182 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

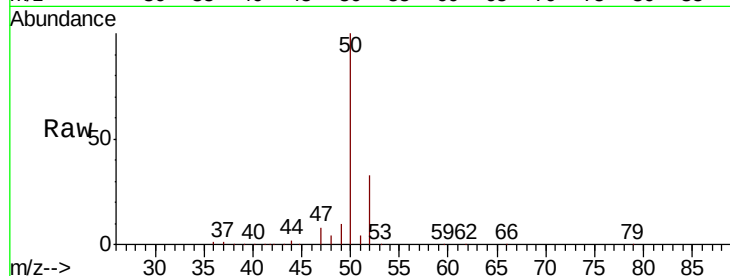
VSTDICCC050

Tot Ion: 50 Resp: 142030

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX009906.D (-24) (-)

Ion 51.90 (51.60 to 52.60): VX009906.D (-24) (-)

1.33

150000

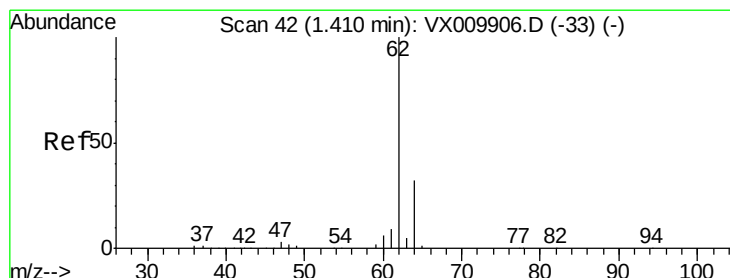
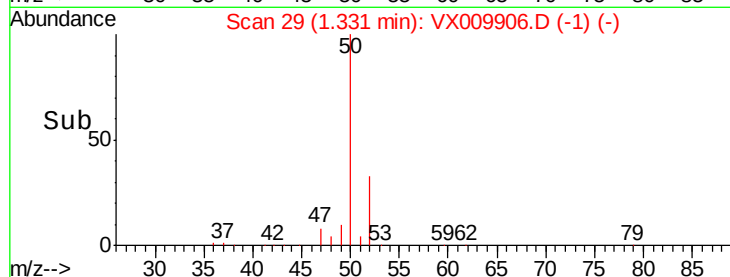
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 58.490 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009906.D

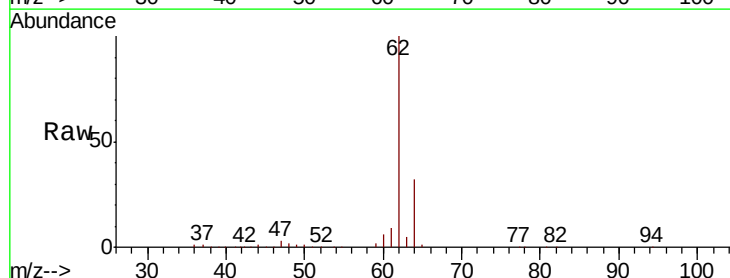
Acq: 28 May 2019 11:07

Tgt Ion: 62 Resp: 133184

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX009906.D (-33) (-)

Ion 63.90 (63.60 to 64.60): VX009906.D (-33) (-)

1.41

150000

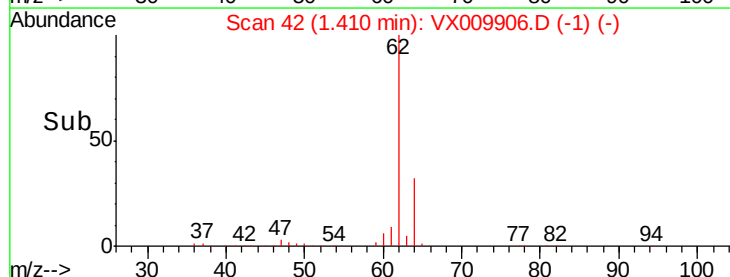
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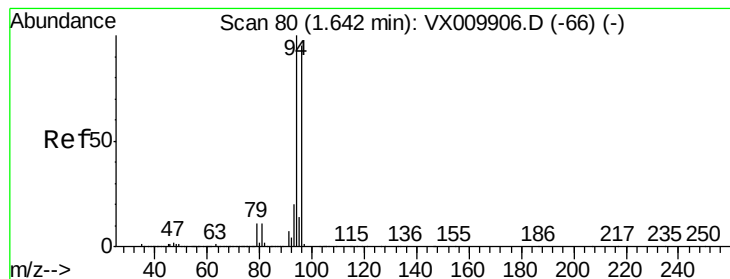
50000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 54.205 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

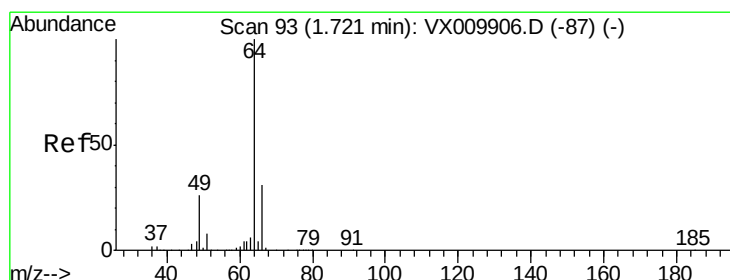
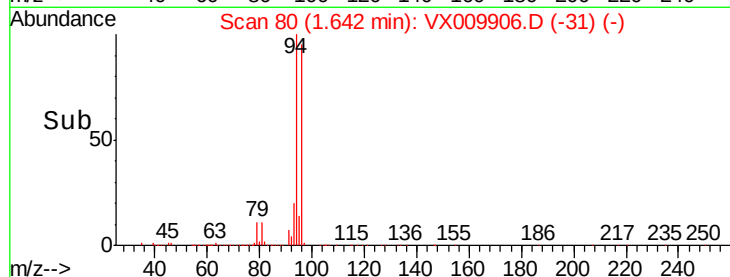
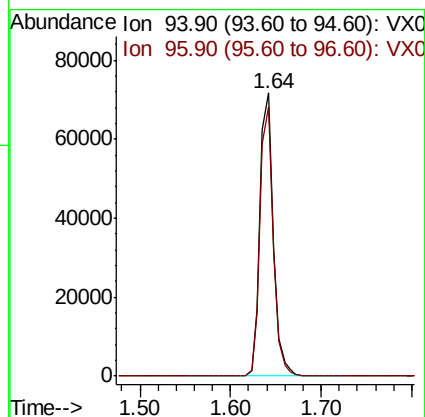
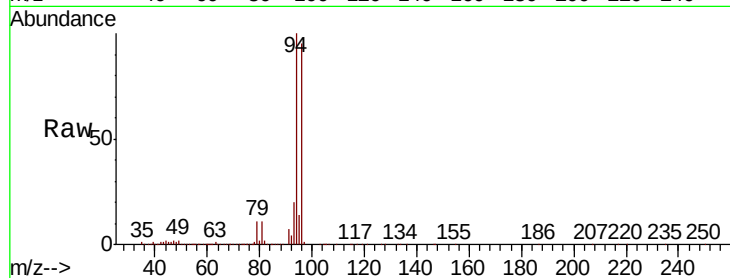
VSTDICCC050

Tot Ion: 94 Resp: 73966

Ion Ratio Lower Upper

94 100

96 95.3 76.2 114.4



#6

Chloroethane

Concen: 53.619 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009906.D

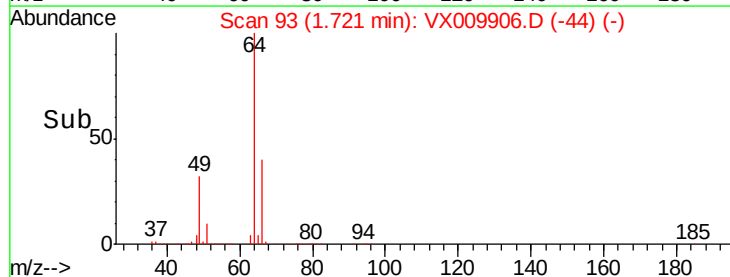
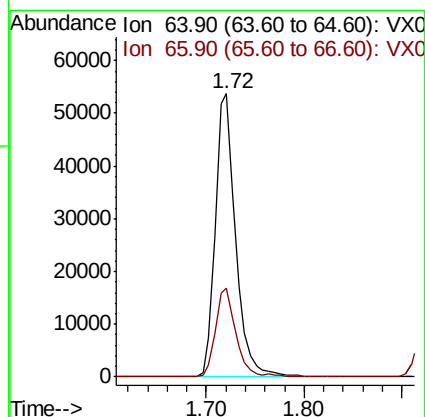
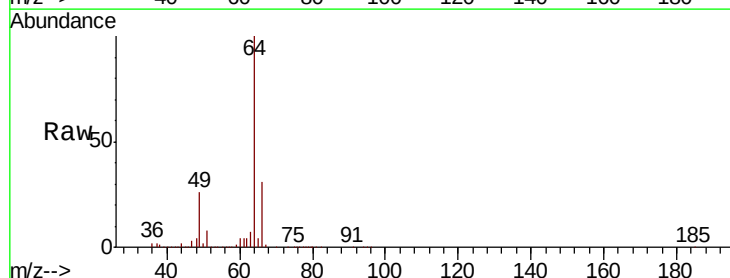
Acq: 28 May 2019 11:07

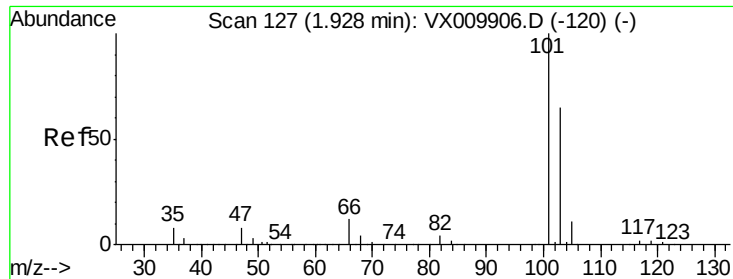
Tgt Ion: 64 Resp: 77139

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



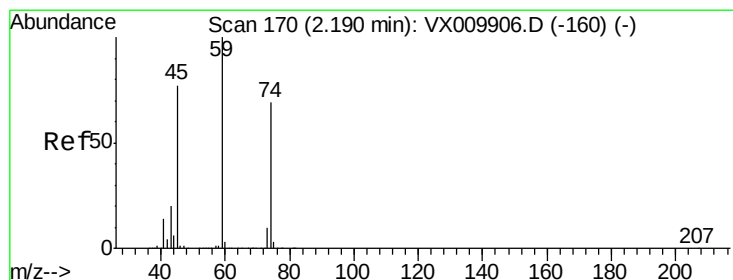
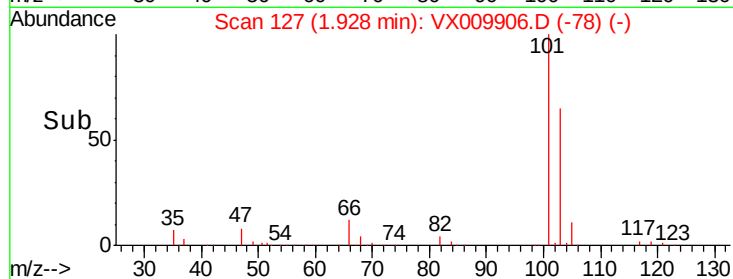
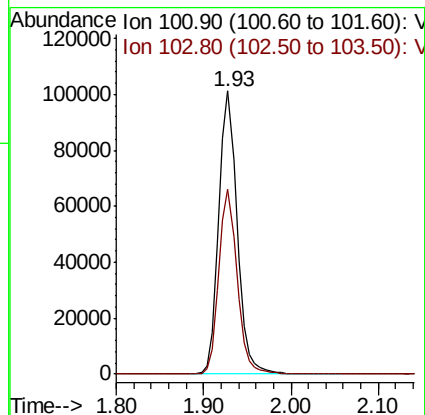
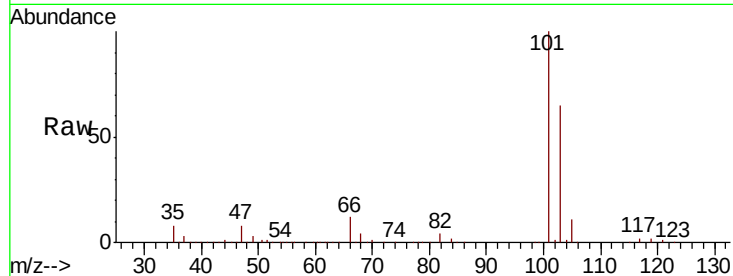


#7

Trichlorofluoromethane
 Concen: 54.262 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

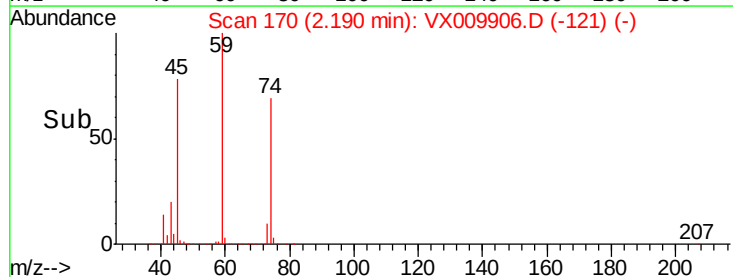
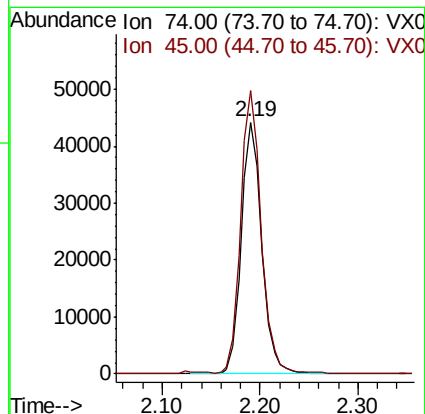
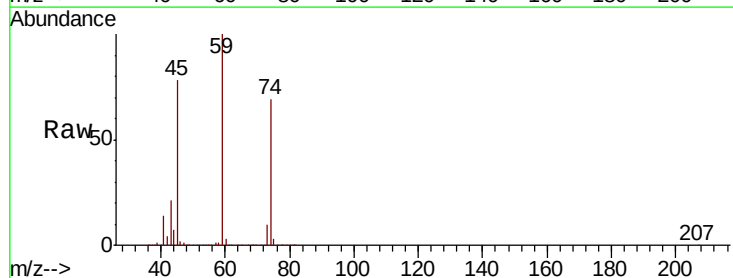
Tot Ion:101 Resp: 147799
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

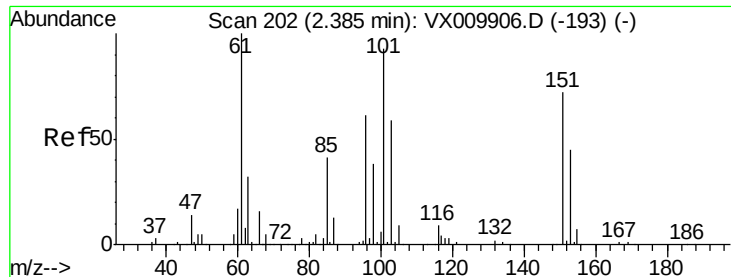


#8

Diethyl Ether
 Concen: 50.255 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion: 74 Resp: 64069
 Ion Ratio Lower Upper
 74 100
 45 112.2 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.542 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

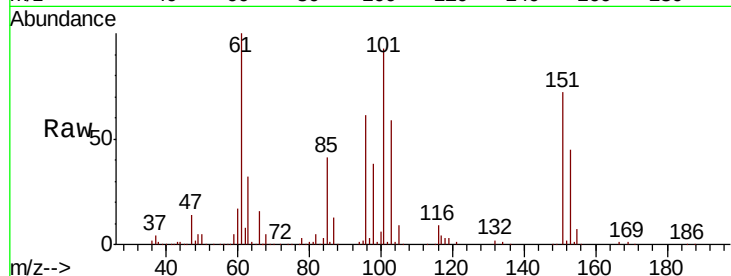
Tot Ion:101 Resp: 87144

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

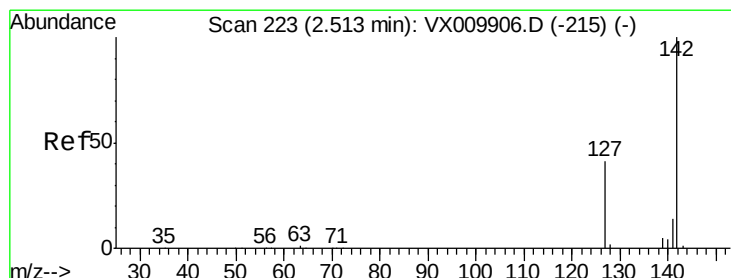
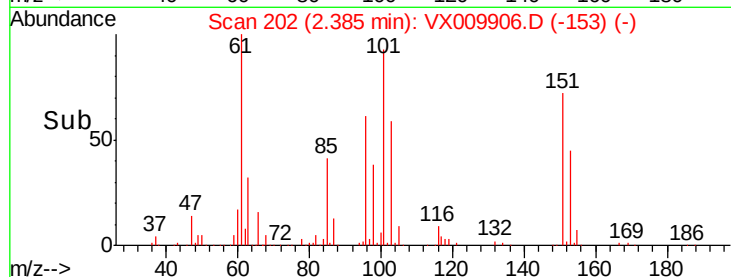
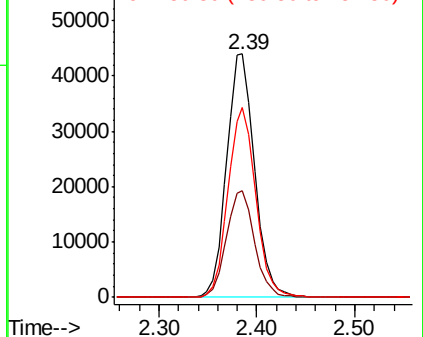
151 77.4 61.9 92.9



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: 59.918 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

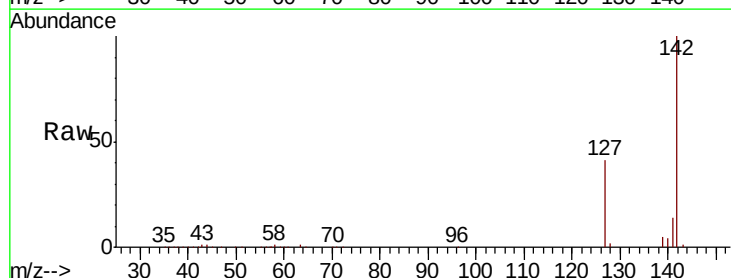
Tgt Ion:142 Resp: 107396

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.4

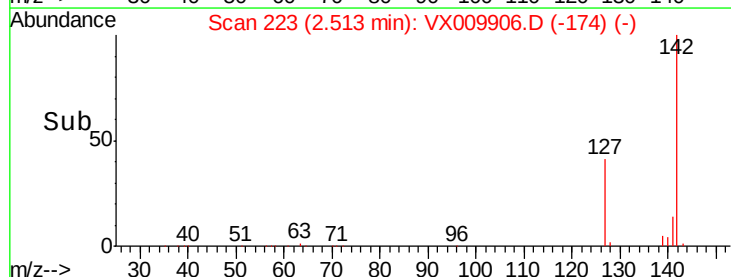
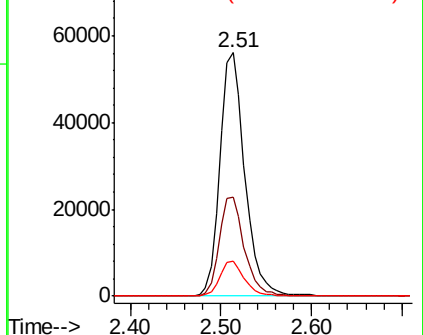
141 14.2 11.4 17.0

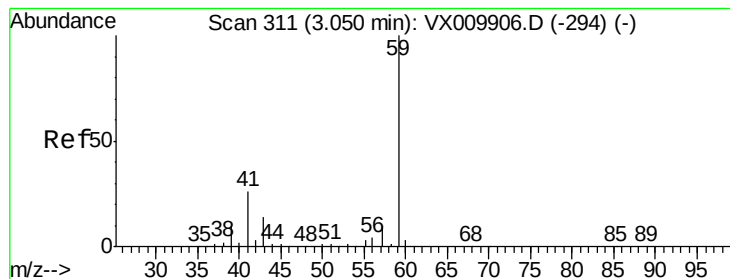


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



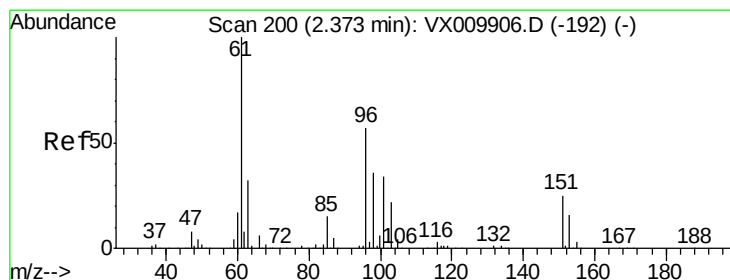
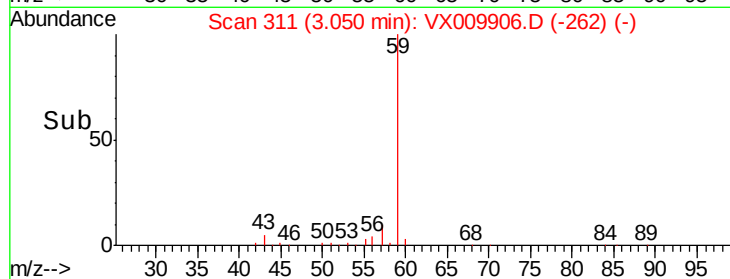
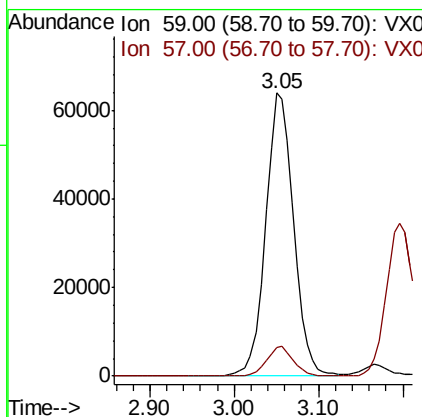
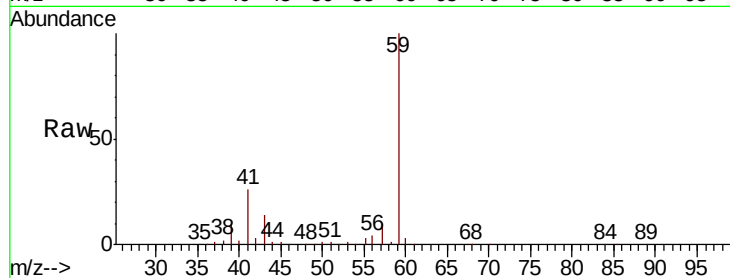


#11

Tert butyl alcohol
 Concen: 256.295 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

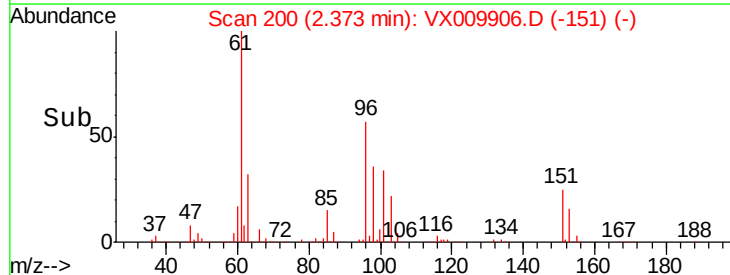
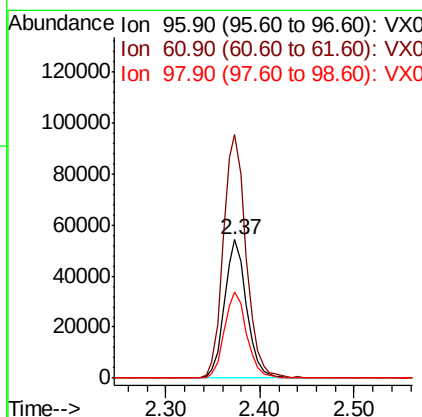
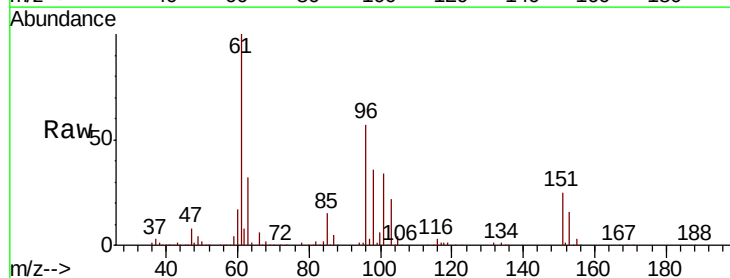
Tot Ion: 59 Resp: 146528
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

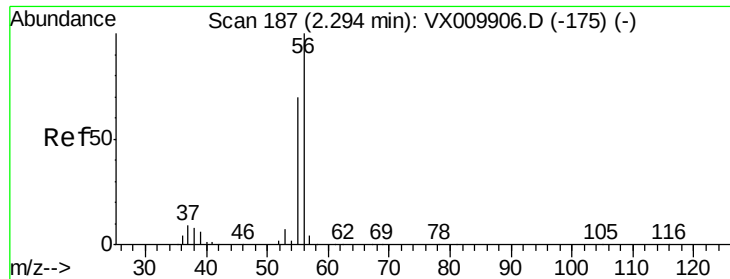


#12

1,1-Dichloroethene
 Concen: 52.196 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion: 96 Resp: 88363
 Ion Ratio Lower Upper
 96 100
 61 175.9 140.7 211.1
 98 62.6 50.1 75.1

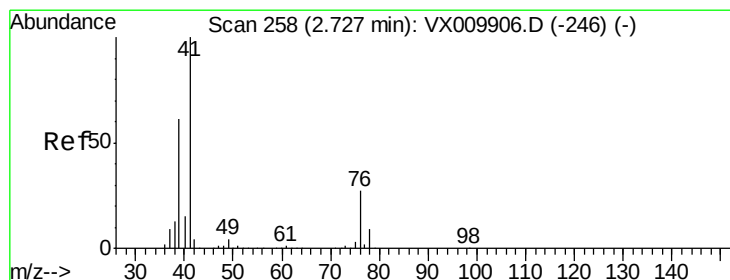
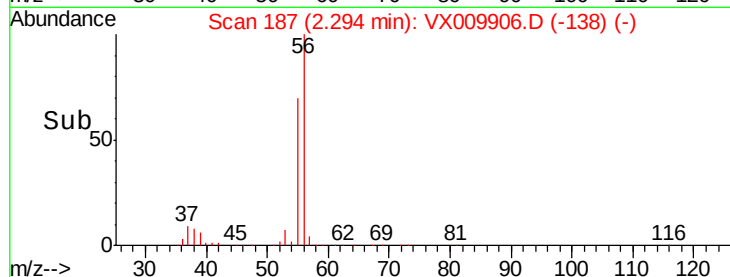
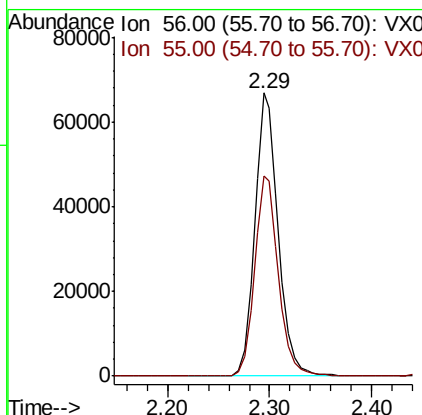
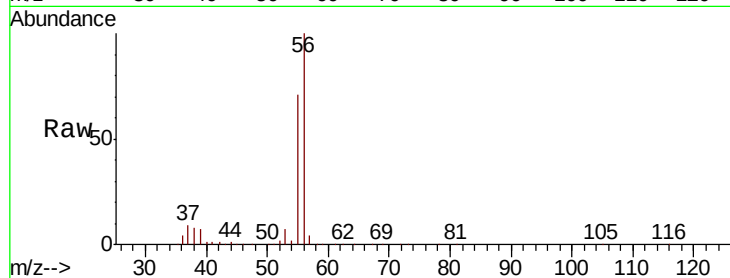




#13
Acrolein
Concen: 213.876 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

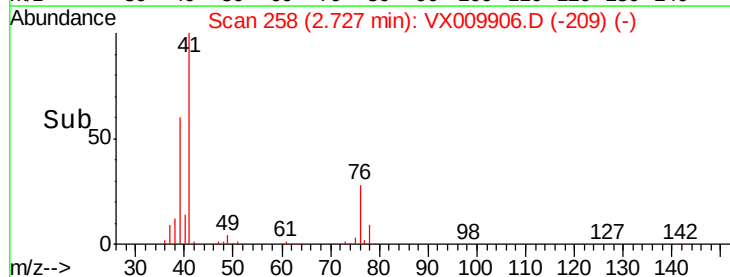
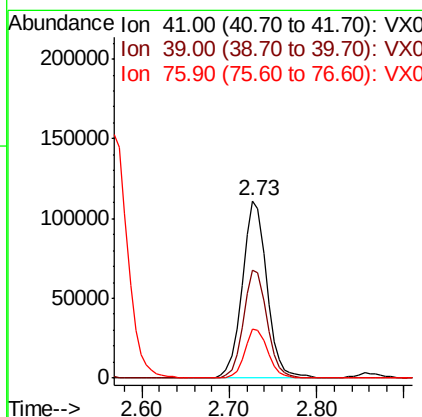
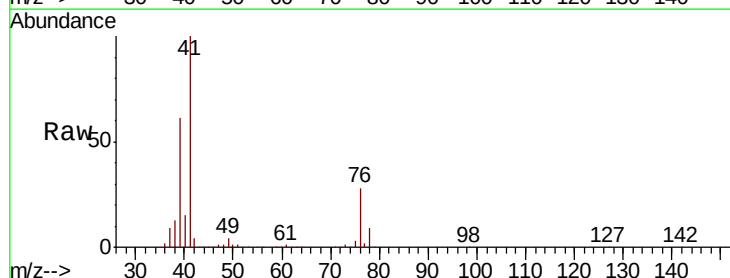
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

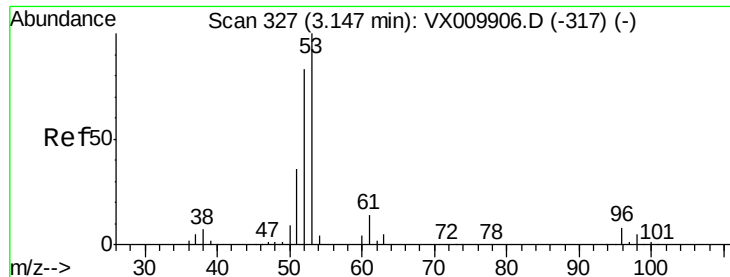
Tot Ion: 56 Resp: 106532
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 52.283 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion: 41 Resp: 217070
Ion Ratio Lower Upper
41 100
39 58.4 46.7 70.1
76 26.2 21.0 31.4





#15

Acrylonitrile

Concen: 251.939 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

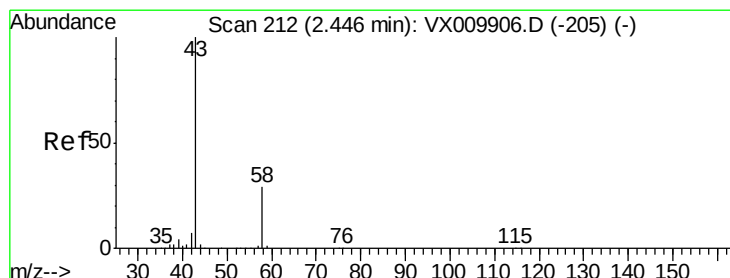
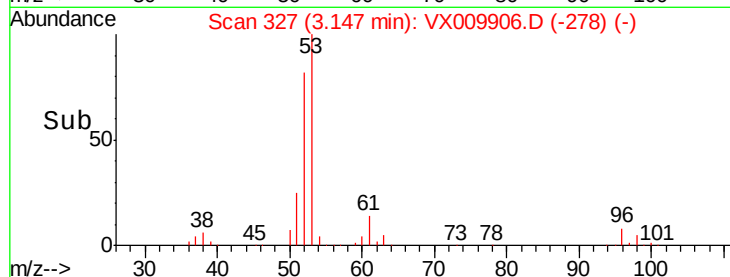
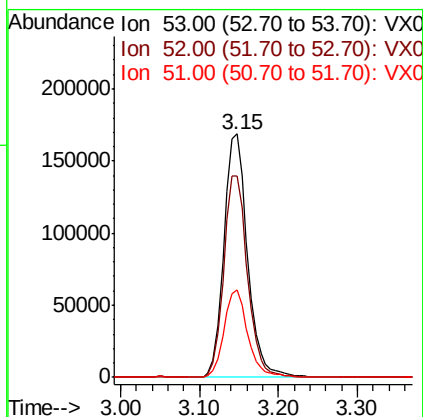
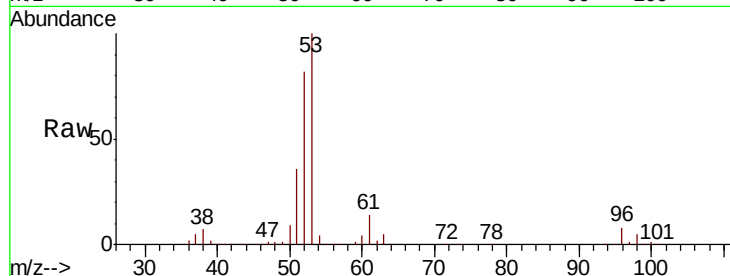
Tot Ion: 53 Resp: 351577

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 36.0 28.8 43.2



#16

Acetone

Concen: 260.693 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009906.D

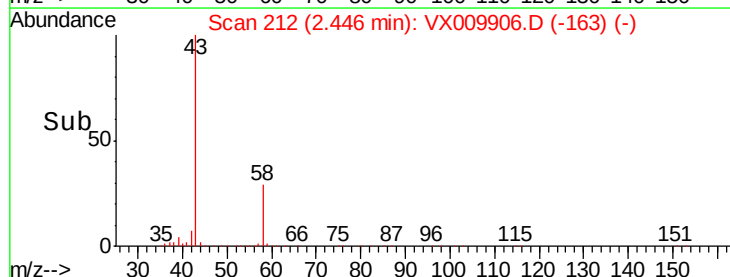
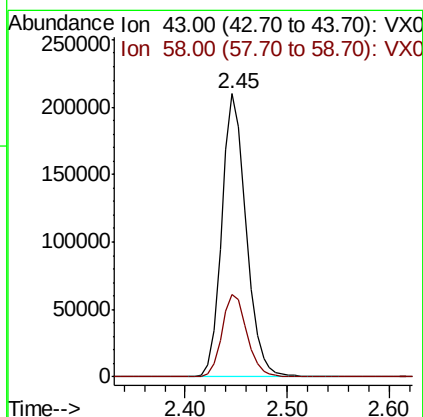
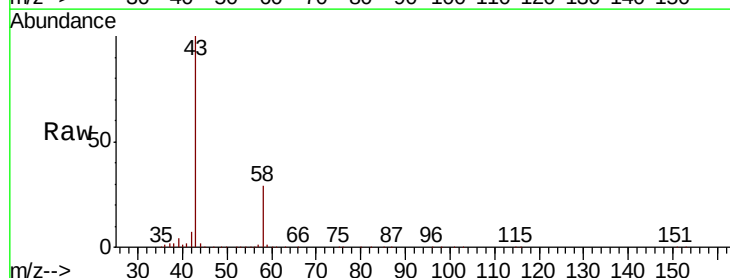
Acq: 28 May 2019 11:07

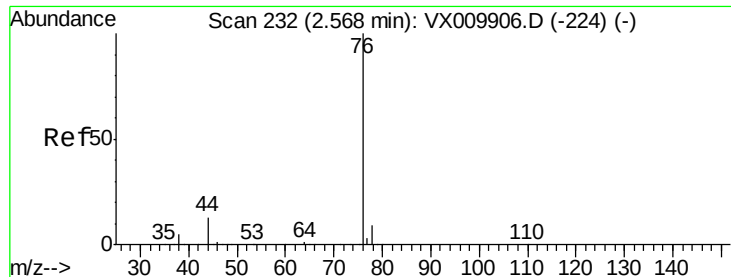
Tgt Ion: 43 Resp: 347554

Ion Ratio Lower Upper

43 100

58 29.0 23.2 34.8





#17

Carbon Disulfide

Concen: 55.812 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

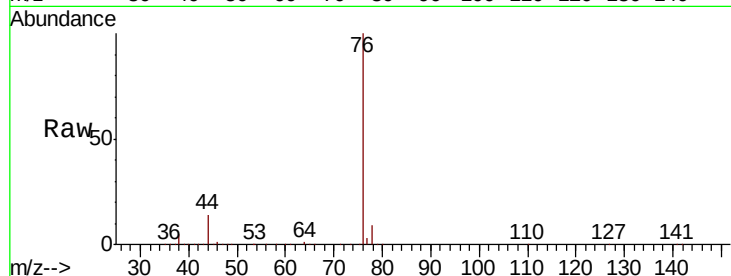
VSTDICCC050

Tot Ion: 76 Resp: 268827

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

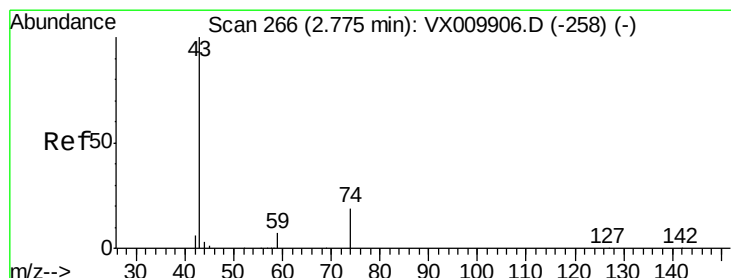
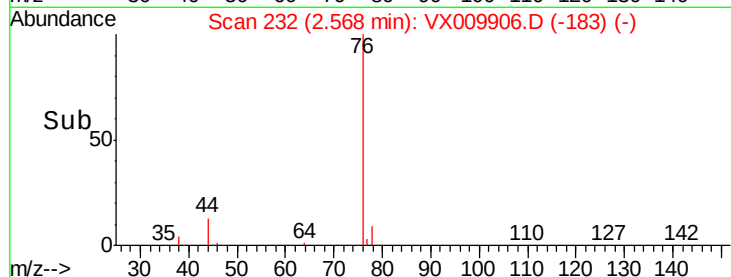
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 48.874 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009906.D

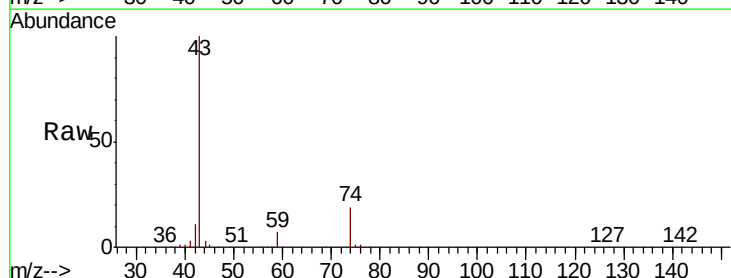
Acq: 28 May 2019 11:07

Tgt Ion: 43 Resp: 153455

Ion Ratio Lower Upper

43 100

74 19.7 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

0

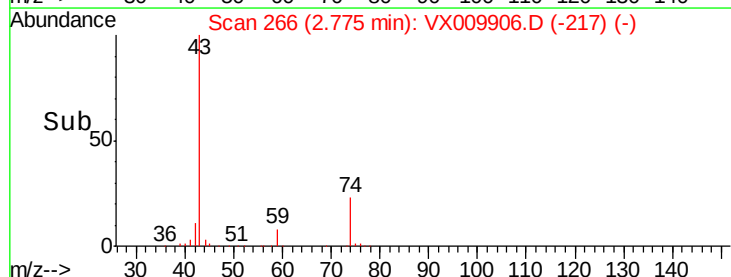
Time-->

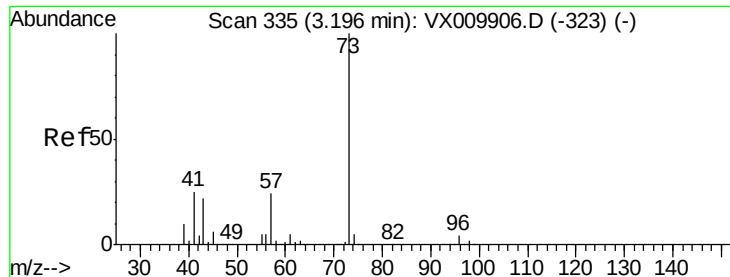
2.70

2.75

2.80

2.85

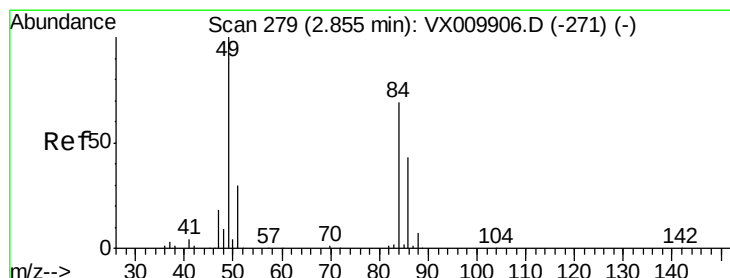
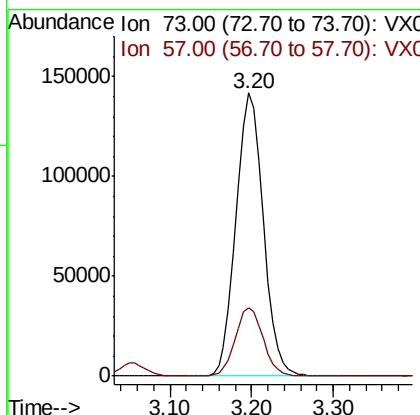
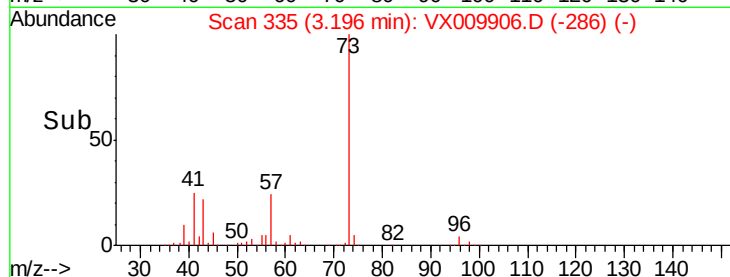
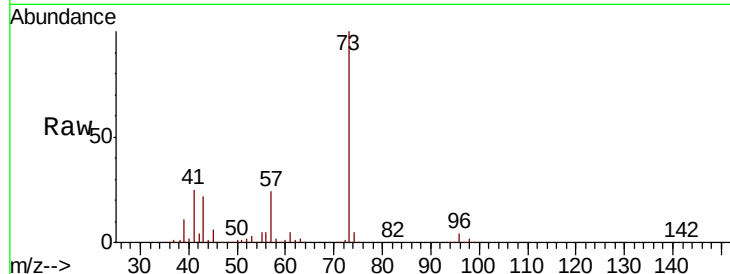




#19
Methyl tert-butyl Ether
Concen: 50.232 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

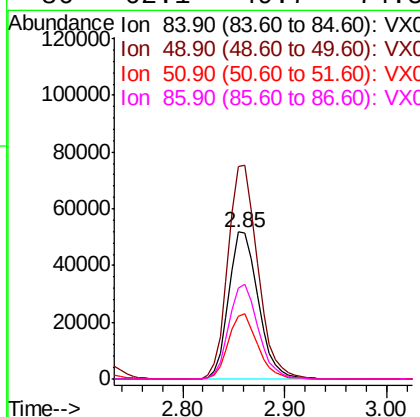
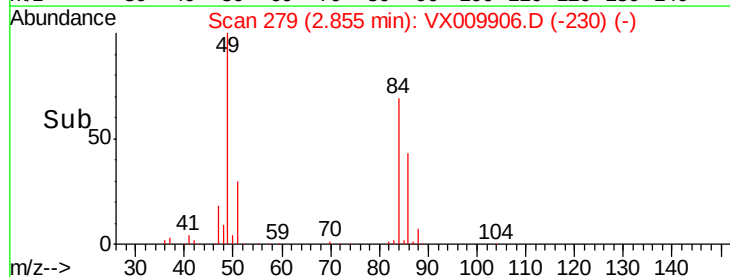
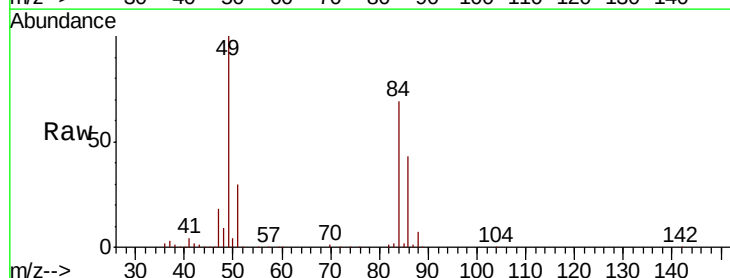
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

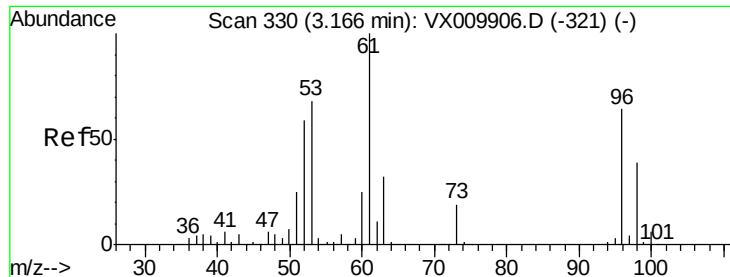
Tot Ion: 73 Resp: 328863
Ion Ratio Lower Upper
73 100
57 24.3 19.4 29.2



#20
Methylene Chloride
Concen: 48.942 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion: 84 Resp: 104462
Ion Ratio Lower Upper
84 100
49 144.7 115.8 173.6
51 43.0 34.4 51.6
86 62.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 50.939 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

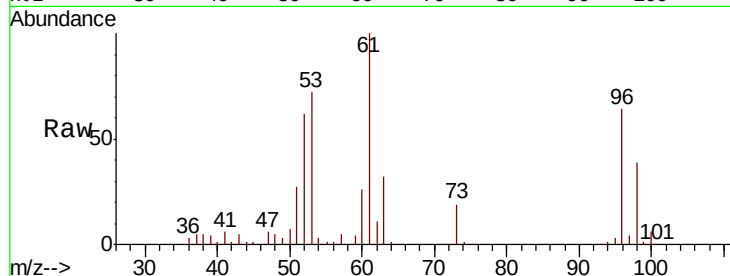
Tot Ion: 96 Resp: 93293

Ion Ratio Lower Upper

96 100

61 157.1 125.7 188.5

98 61.3 49.0 73.6

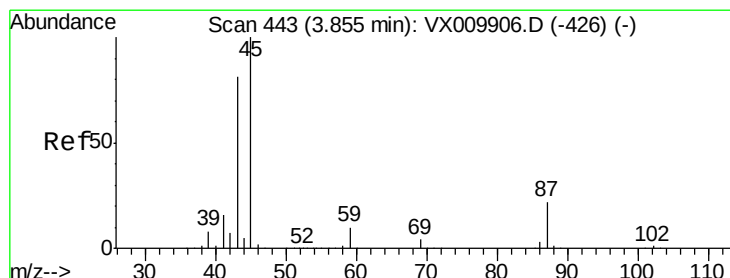
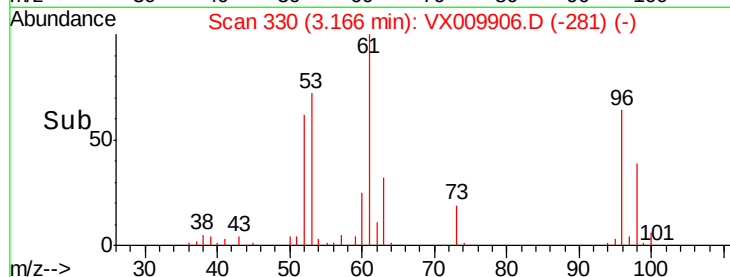
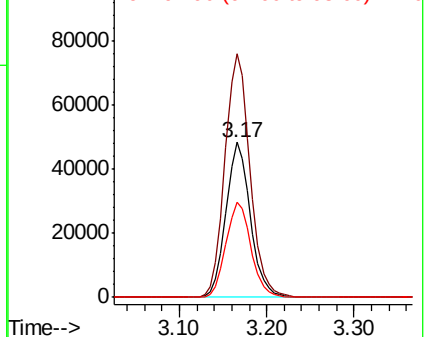


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.476 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Tgt Ion: 45 Resp: 408913

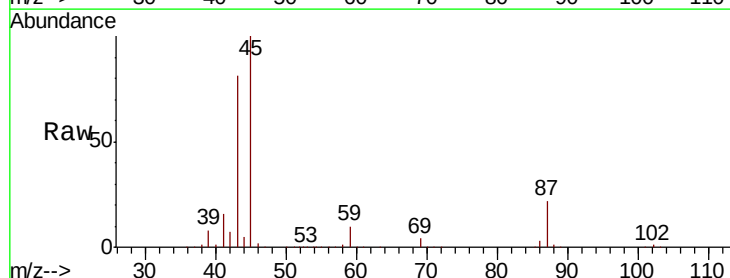
Ion Ratio Lower Upper

45 100

43 81.2 65.0 97.4

87 21.6 17.3 25.9

59 10.1 8.1 12.1



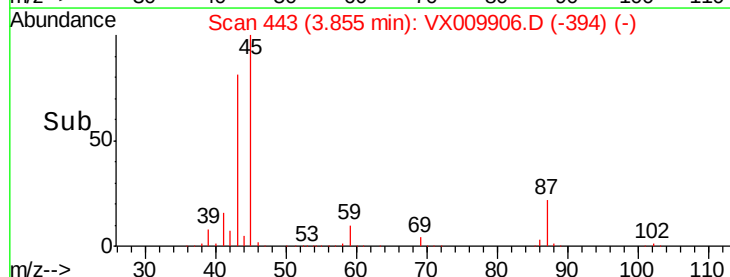
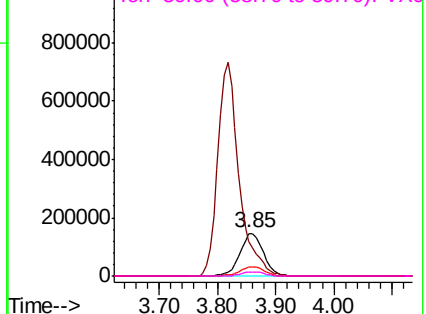
Abundance

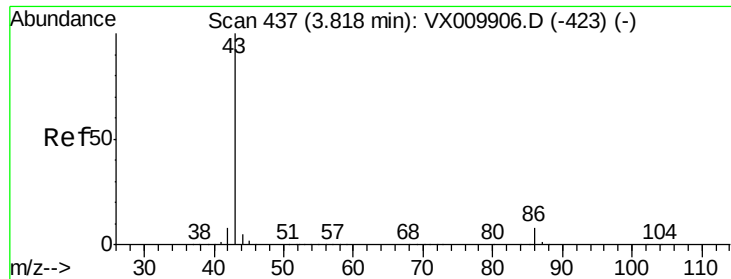
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 271.065 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

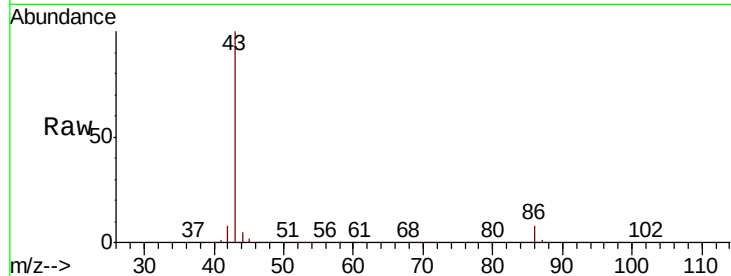
VSTDICCC050

Tot Ion: 43 Resp: 1851978

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

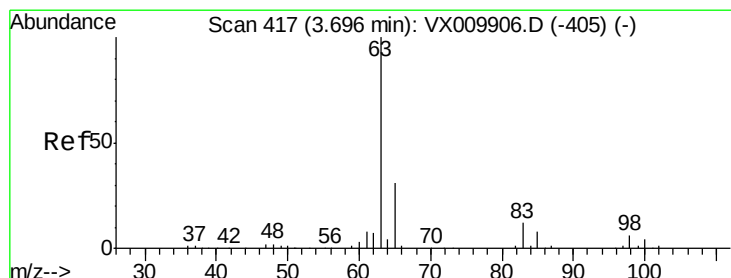
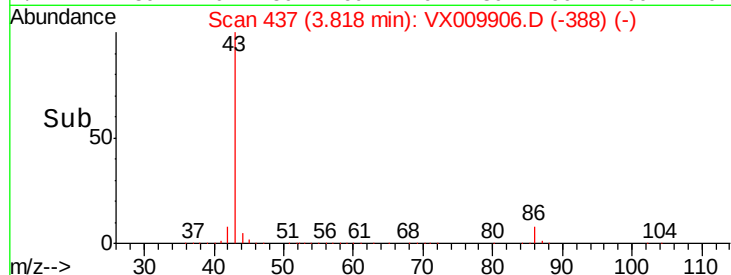
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.223 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

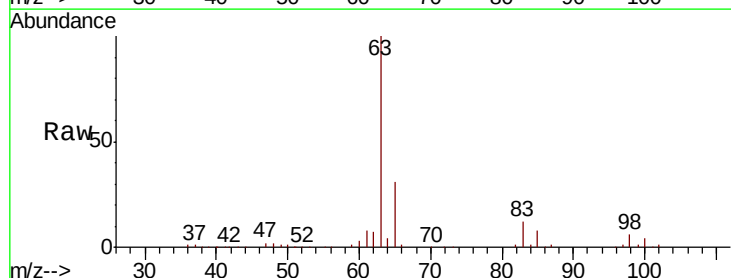
Tgt Ion: 63 Resp: 196322

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.6 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

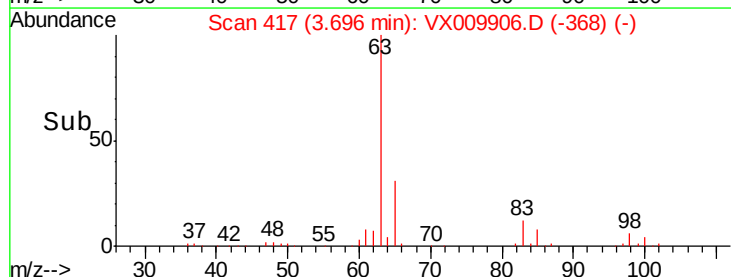
60000

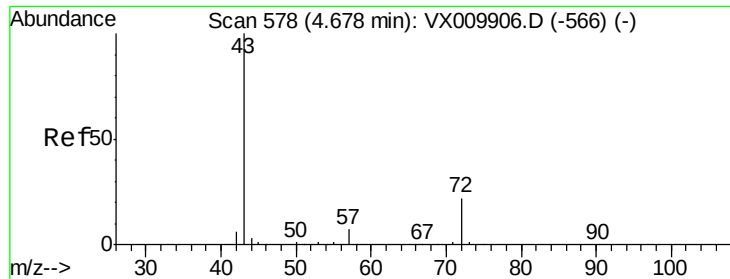
40000

20000

0

Time-->





#25

2-Butanone

Concen: 264.947 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

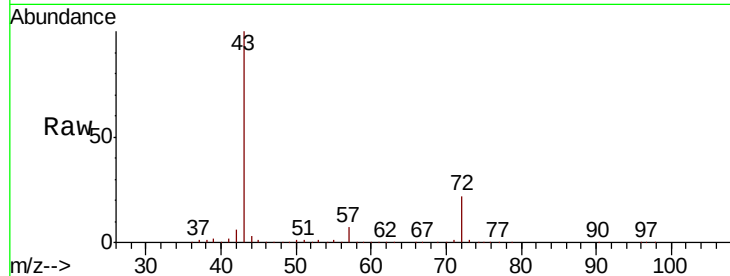
VSTDICCC050

Tot Ion: 43 Resp: 547733

Ion Ratio Lower Upper

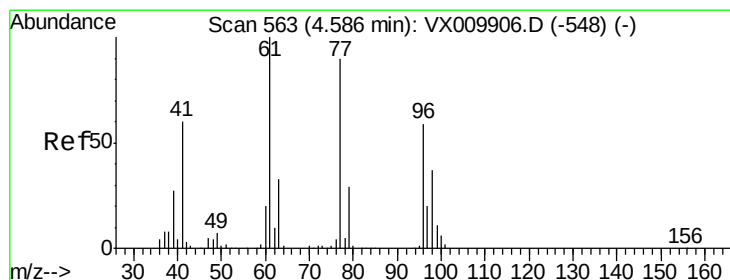
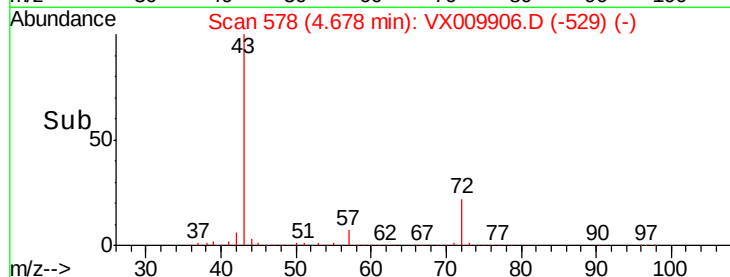
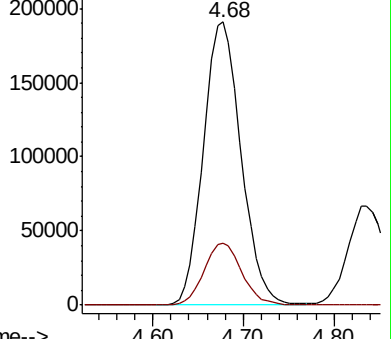
43 100

72 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.546 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX009906.D

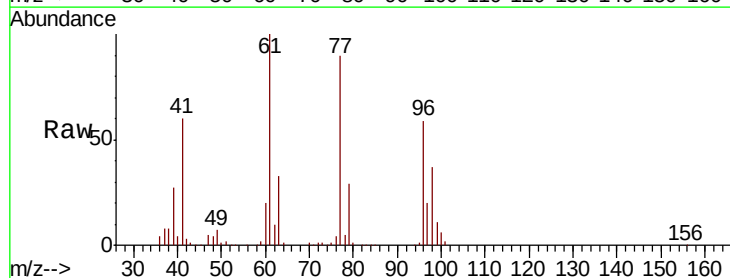
Acq: 28 May 2019 11:07

Tgt Ion: 77 Resp: 150130

Ion Ratio Lower Upper

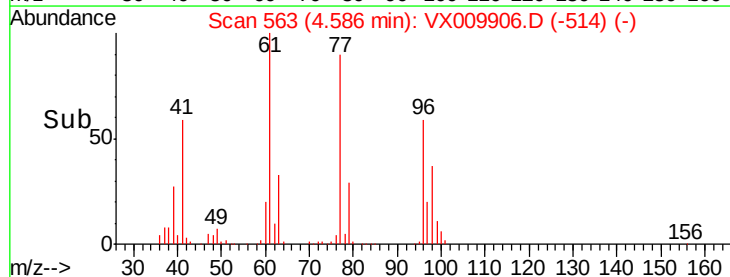
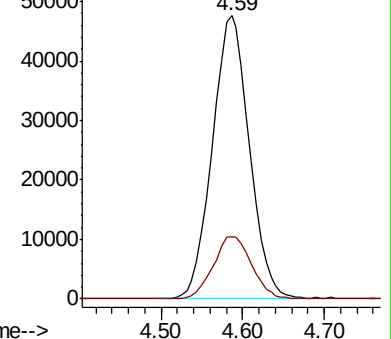
77 100

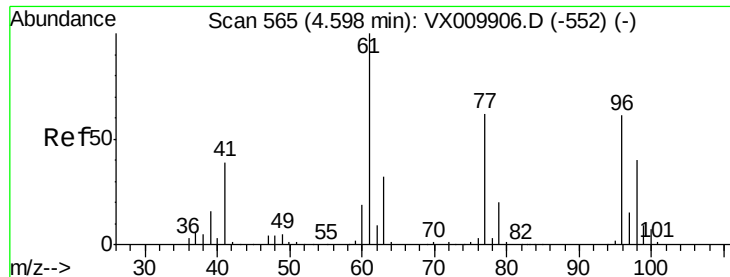
97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



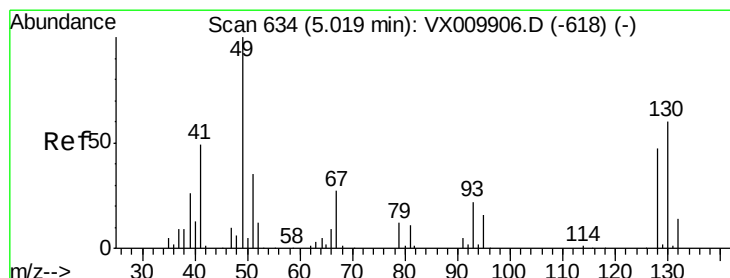
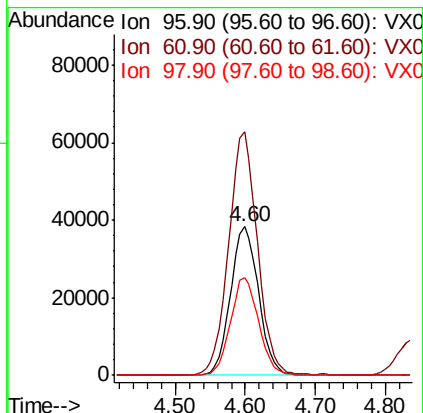
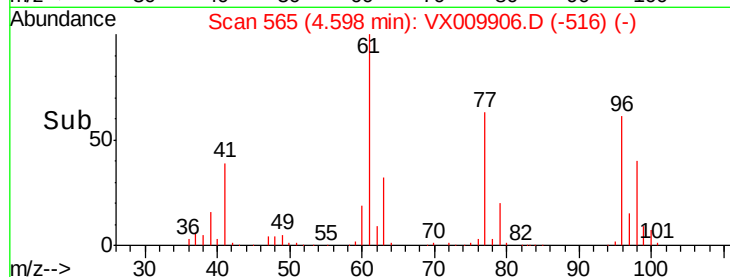
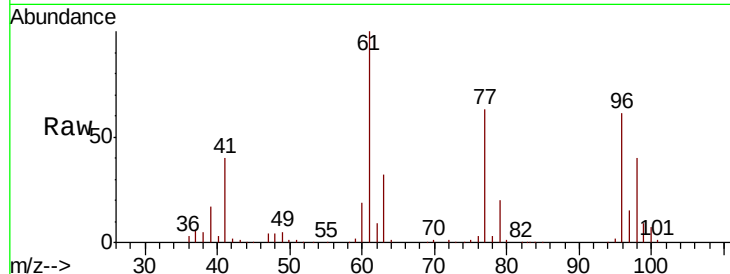


#27

cis-1,2-Dichloroethene
 Concen: 49.224 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

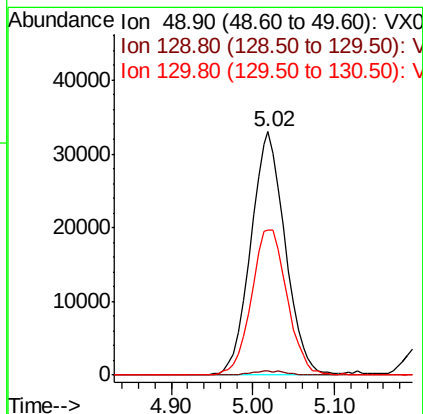
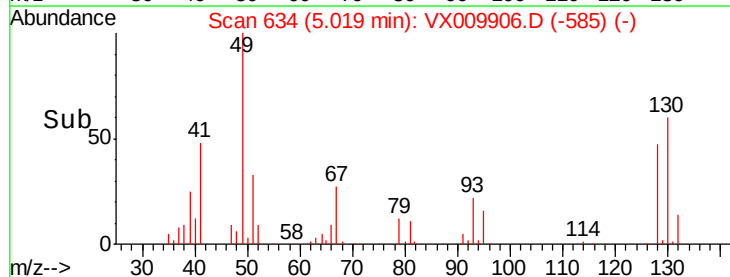
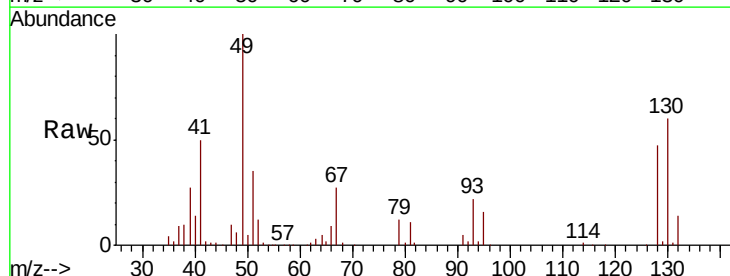
Tot Ion	96	Resp	107268
Ion	Ratio	Lower	Upper
96	100		
61	167.0	0.0	334.0
98	65.8	0.0	131.6

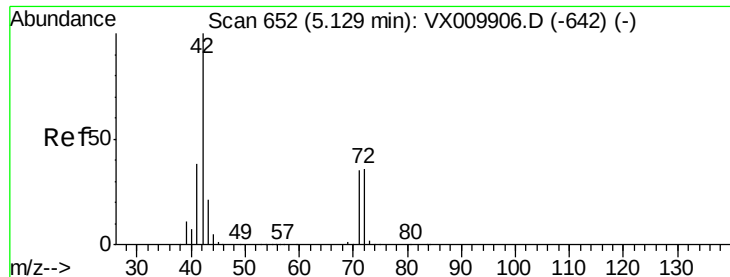


#28

Bromochloromethane
 Concen: 54.711 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion	49	Resp	96907
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	61.8	49.4	74.2





#29

Tetrahydrofuran

Concen: 263.005 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

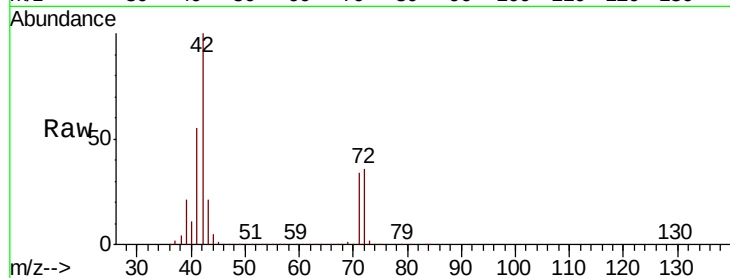
Tot Ion: 42 Resp: 349097

Ion Ratio Lower Upper

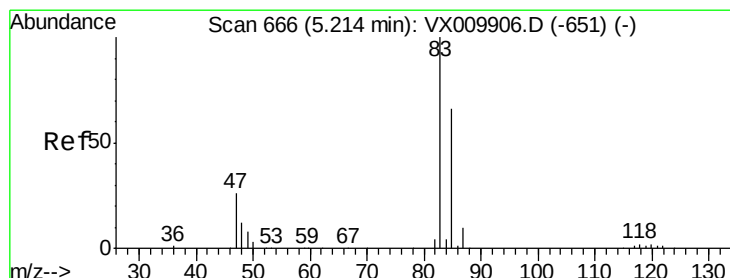
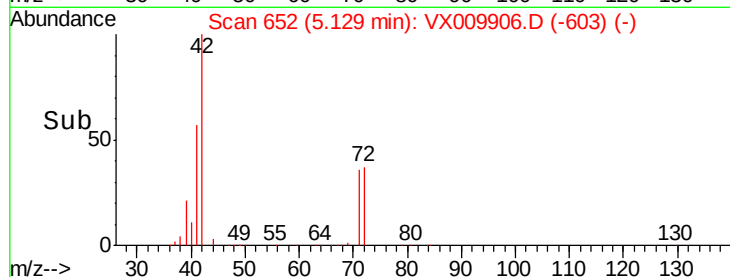
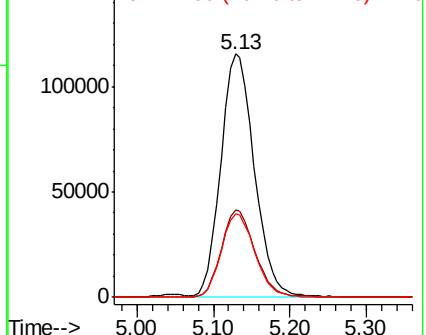
42 100

72 36.5 29.2 43.8

71 34.5 27.6 41.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.864 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX009906.D

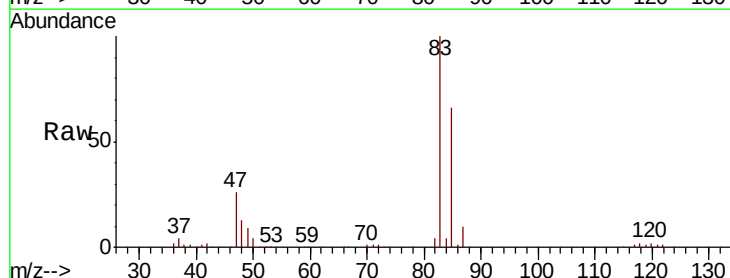
Acq: 28 May 2019 11:07

Tgt Ion: 83 Resp: 175901

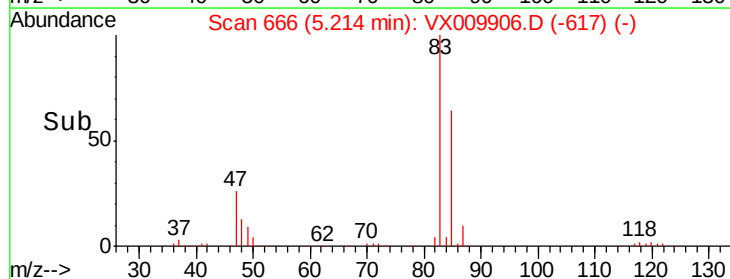
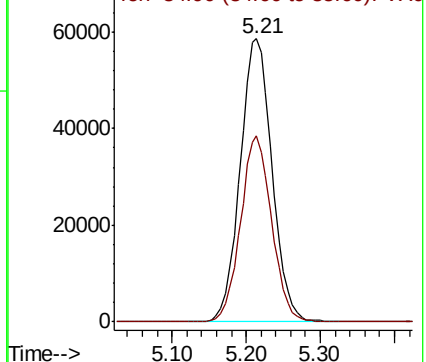
Ion Ratio Lower Upper

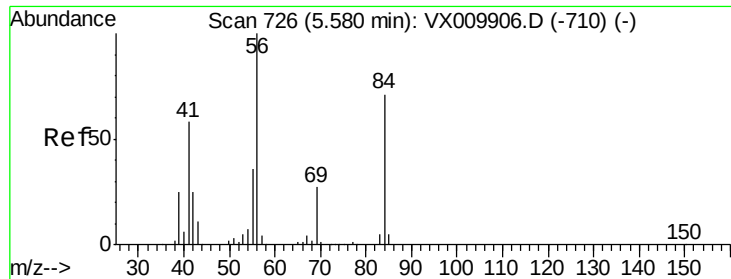
83 100

85 65.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

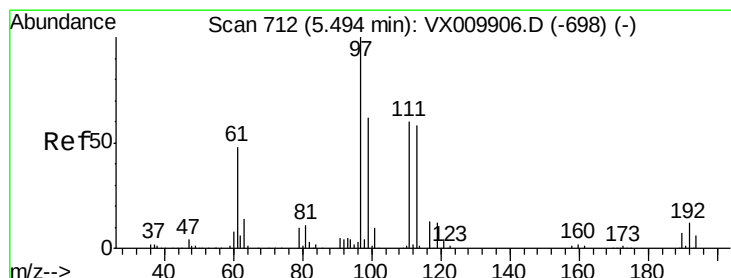
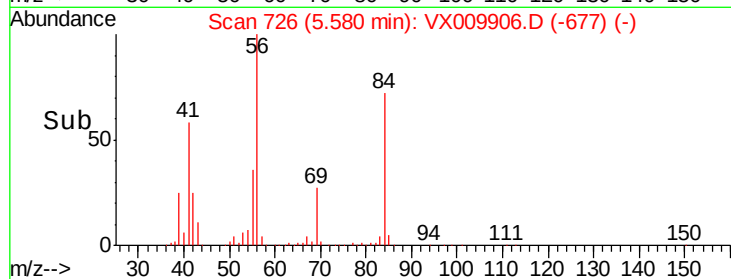
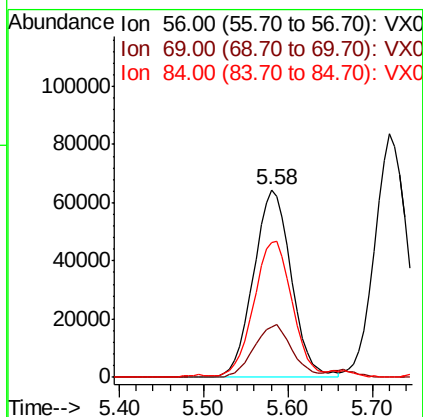
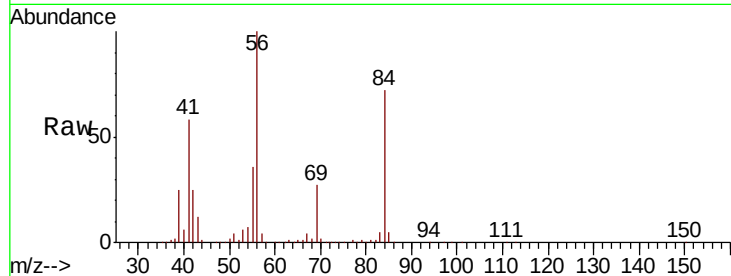




#31
Cyclohexane
Concen: 53.863 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

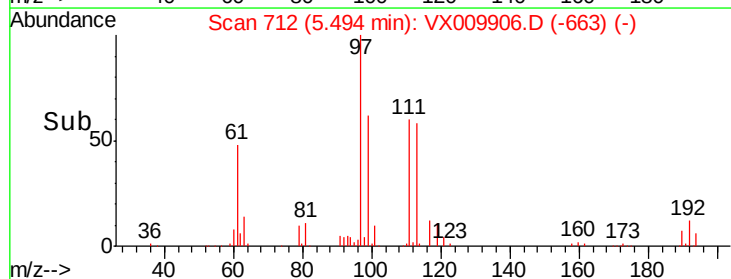
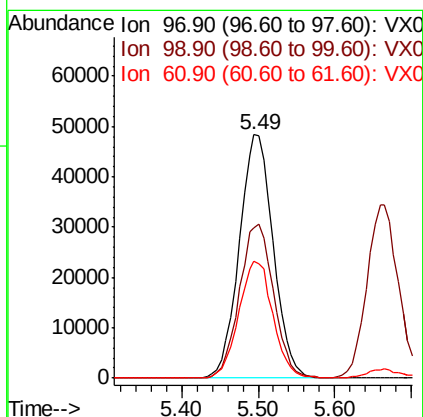
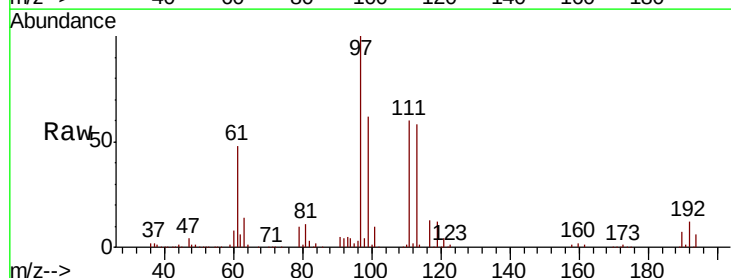
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

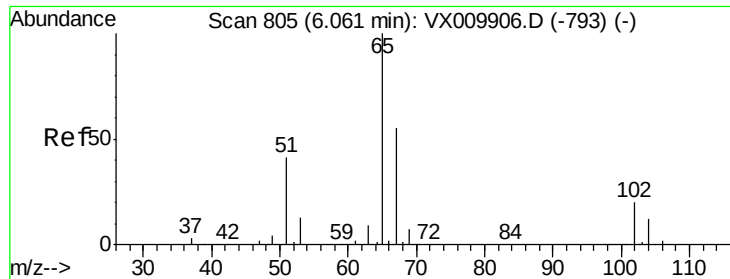
Tot Ion: 56 Resp: 198294
Ion Ratio Lower Upper
56 100
69 27.0 21.6 32.4
84 71.0 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 50.674 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion: 97 Resp: 149164
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 48.4 38.7 58.1

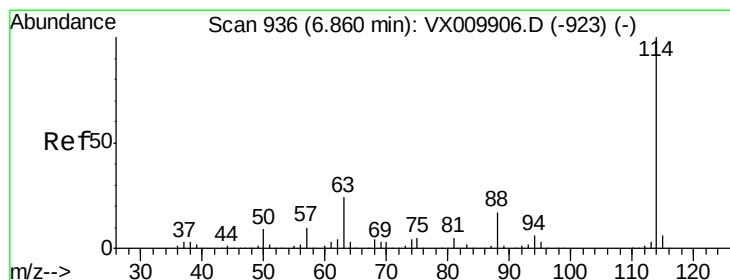
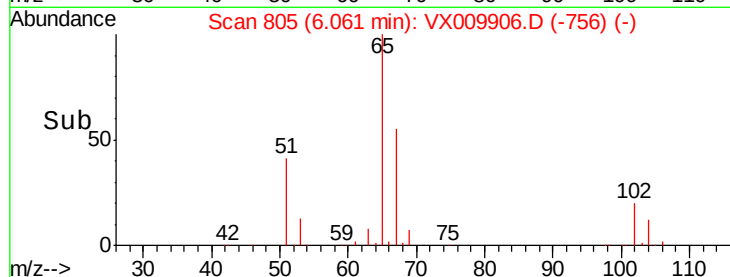
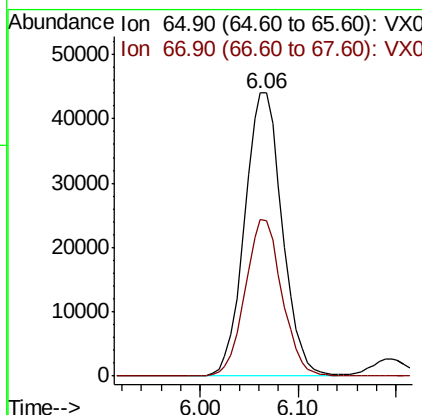
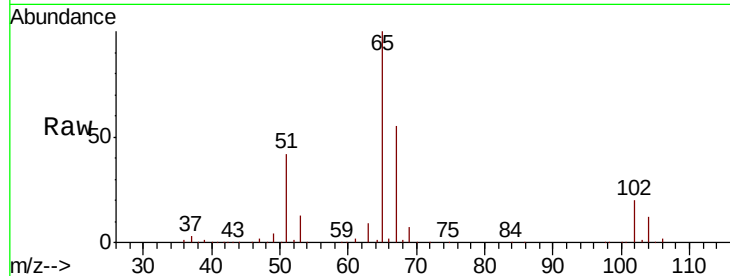




#33
 1,2-Dichloroethane-d4
 Concen: 48.541 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

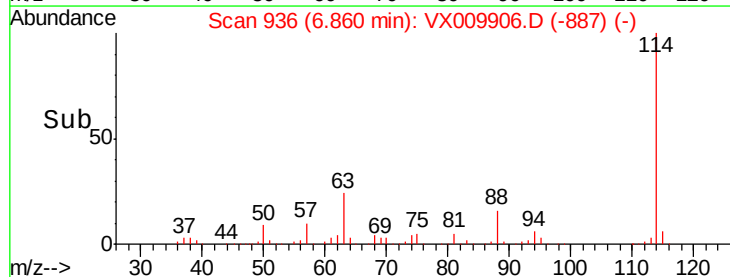
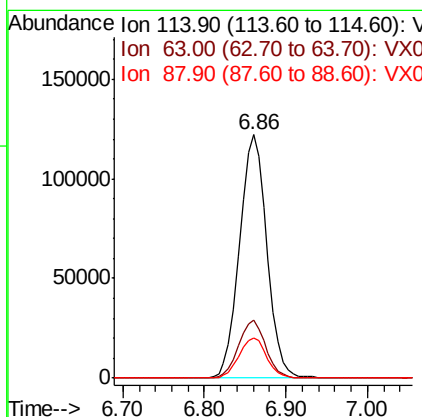
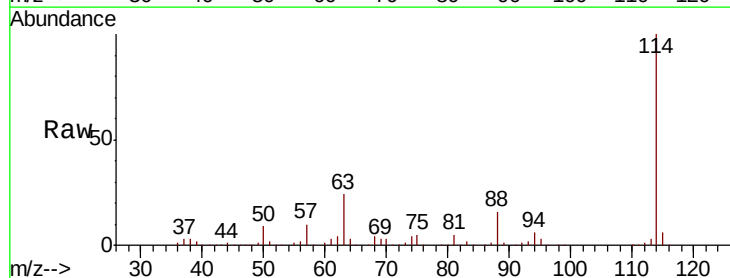
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

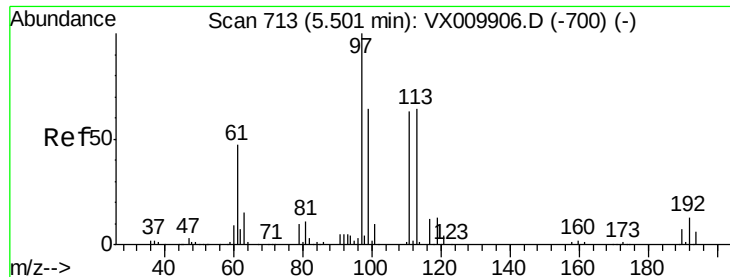
Tot Ion: 65 Resp: 117371
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion: 114 Resp: 283286
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.4
 88 16.5 0.0 33.0

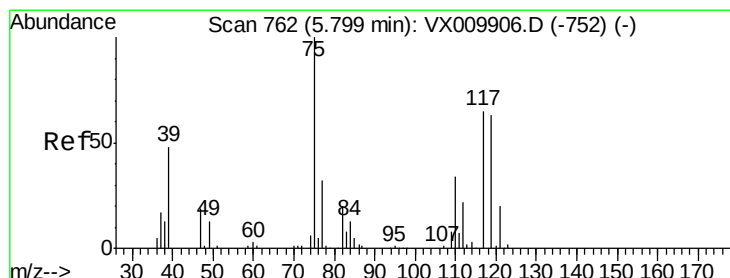
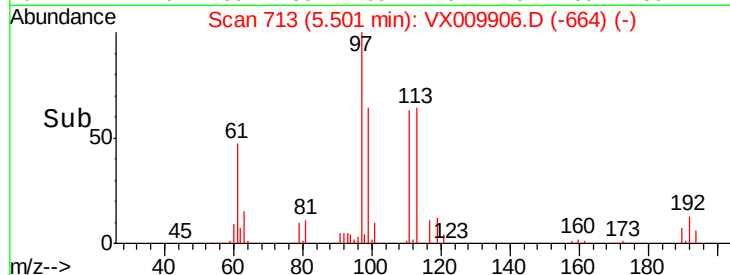
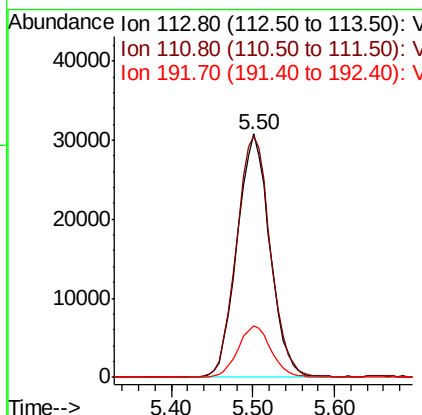
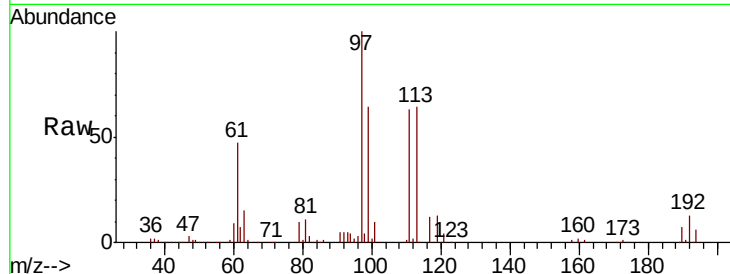




#35
 Dibromofluoromethane
 Concen: 48.603 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

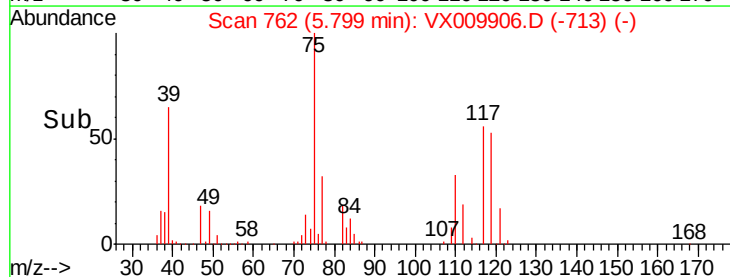
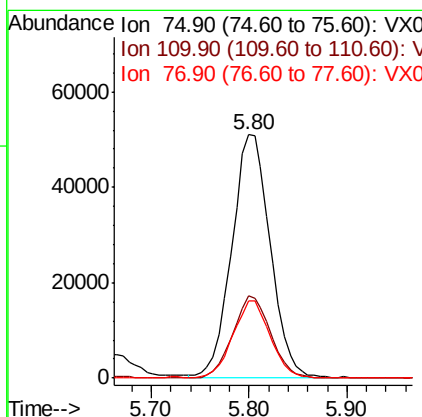
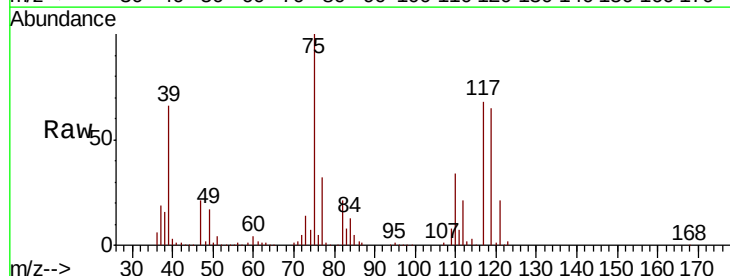
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

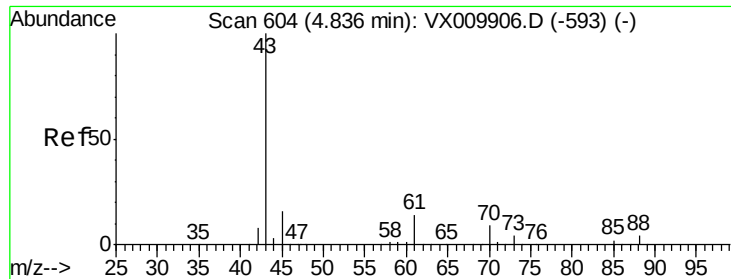
Tot Ion:113 Resp: 85787
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 21.4 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 51.725 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion: 75 Resp: 137845
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.7 50.1
 77 31.2 25.0 37.4

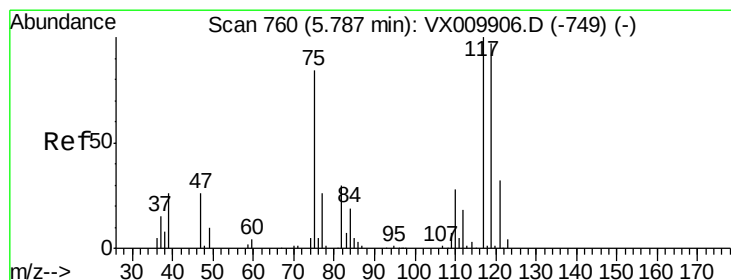
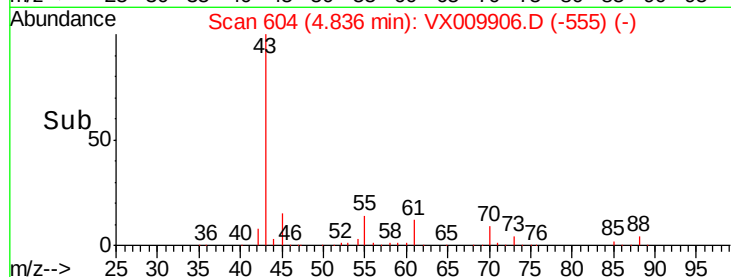
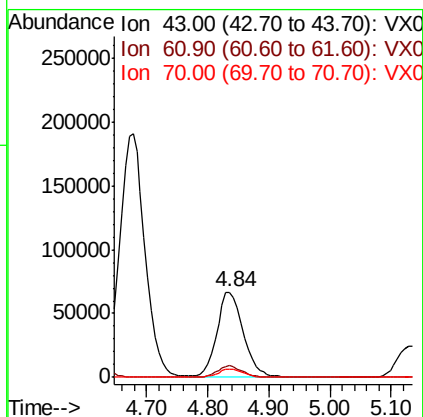
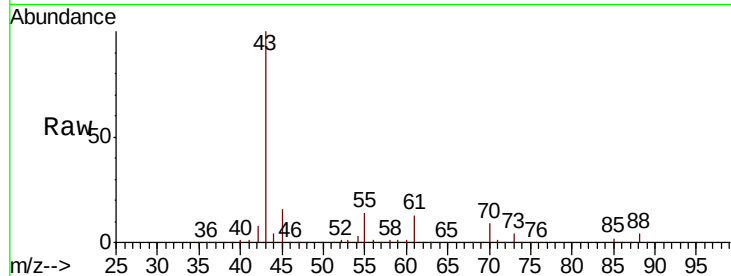




#37
Ethyl Acetate
Concen: 53.538 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

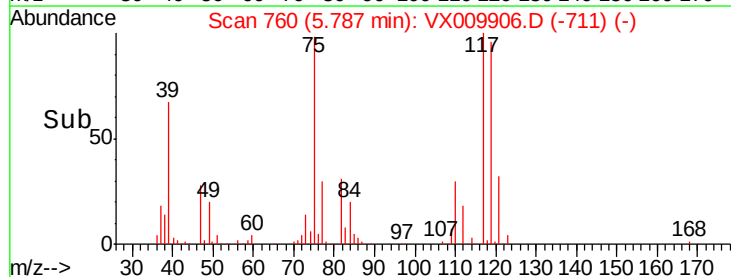
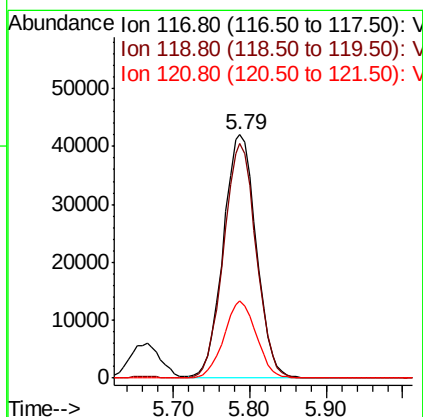
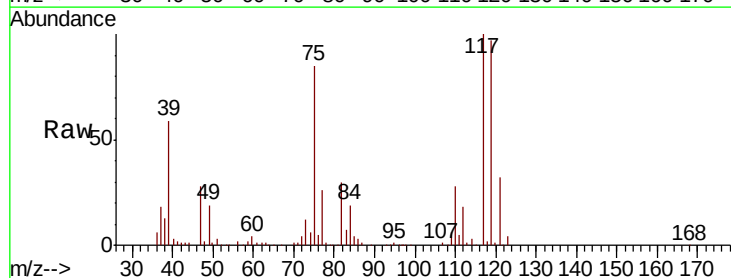
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

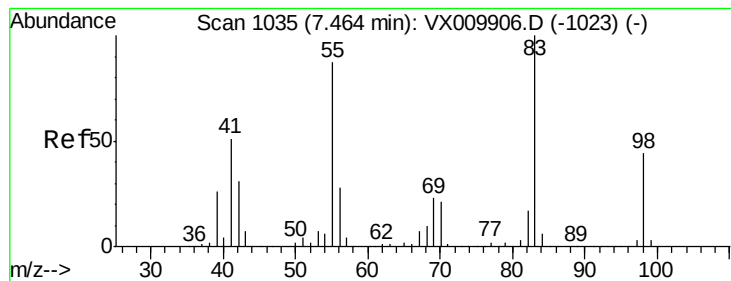
Tot Ion: 43 Resp: 200090
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.3 7.4 11.2



#38
Carbon Tetrachloride
Concen: 51.864 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion: 117 Resp: 125507
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 31.7 25.4 38.0





#39

Methylvlcyclohexane

Concen: 53.302 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

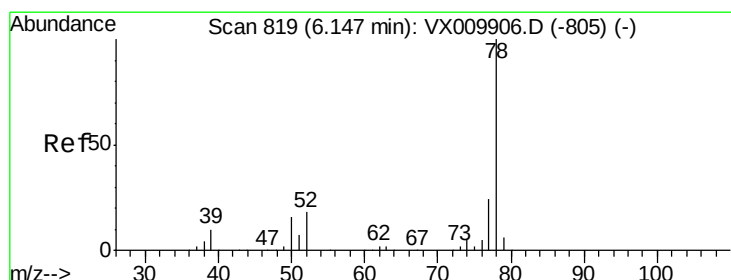
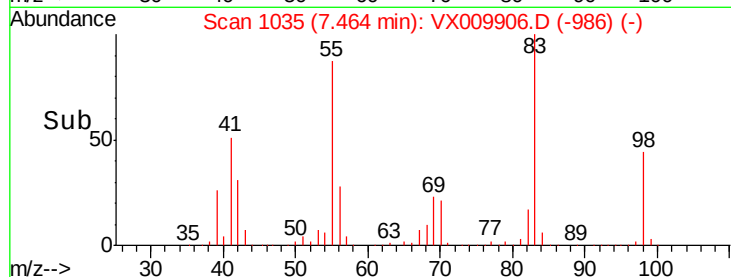
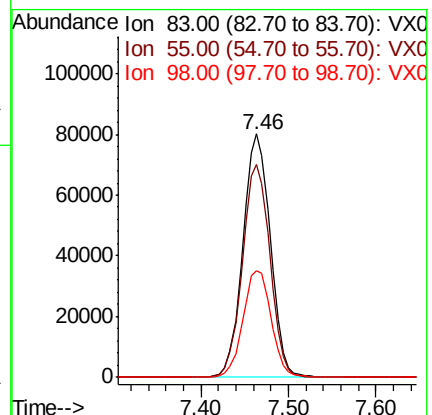
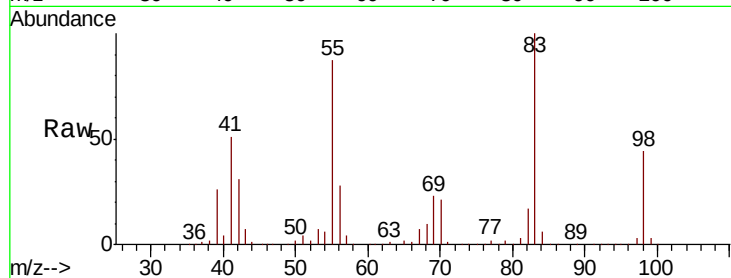
Tot Ion: 83 Resp: 174971

Ion Ratio Lower Upper

83 100

55 87.4 69.9 104.9

98 43.9 35.1 52.7



#40

Benzene

Concen: 51.266 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX009906.D

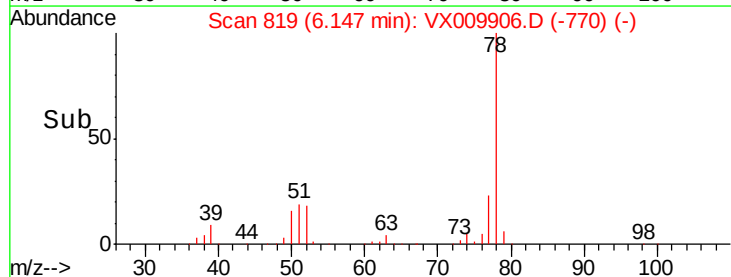
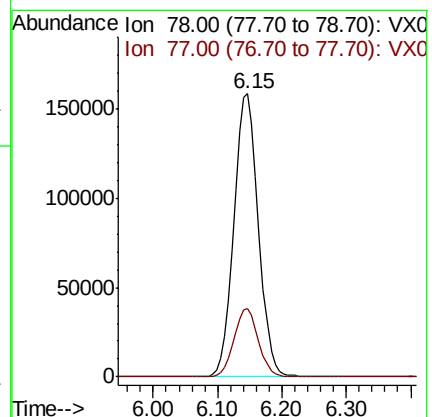
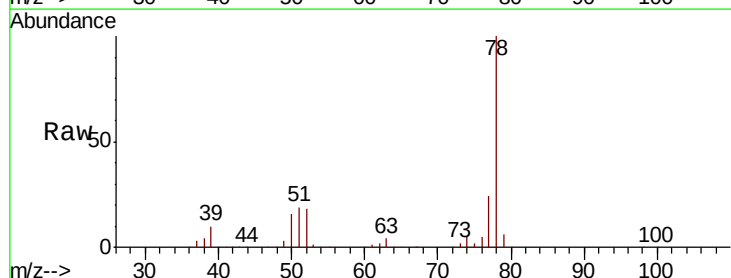
Acq: 28 May 2019 11:07

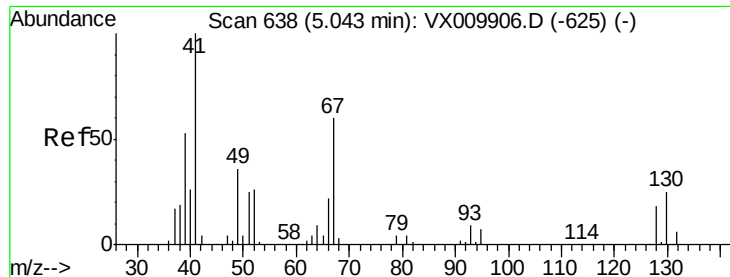
Tgt Ion: 78 Resp: 421769

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 50.846 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 112465

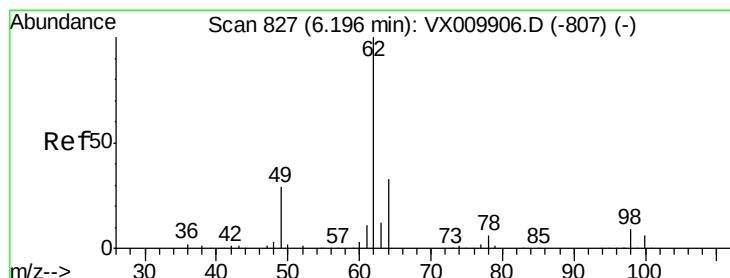
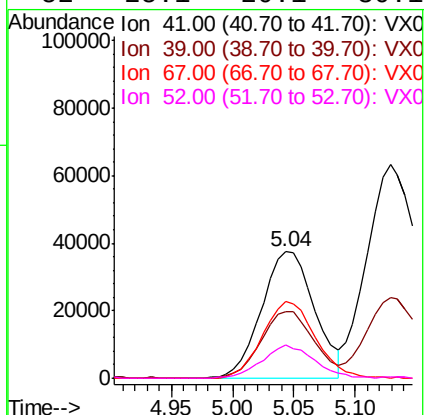
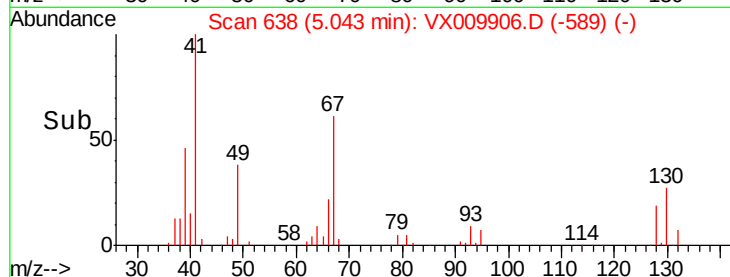
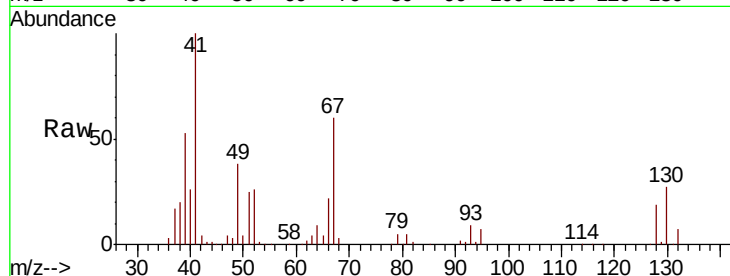
Ion Ratio Lower Upper

41 100

39 52.8 42.2 63.4

67 61.1 48.9 73.3

52 25.1 20.1 30.1



#42

1,2-Dichloroethane

Concen: 51.224 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX009906.D

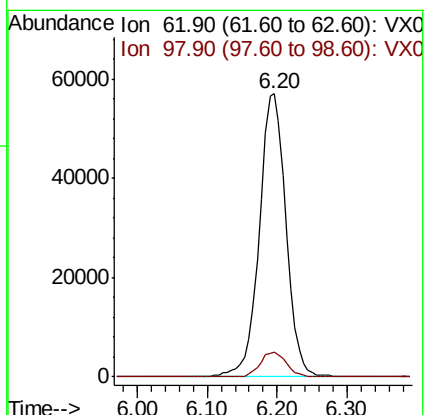
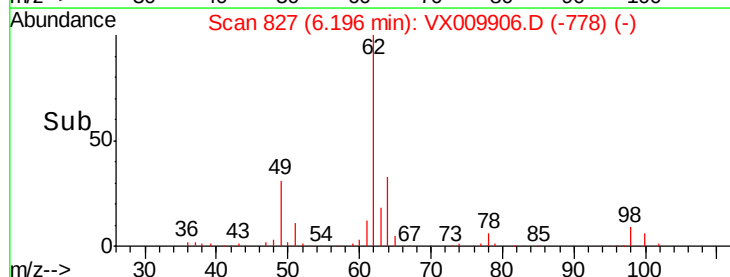
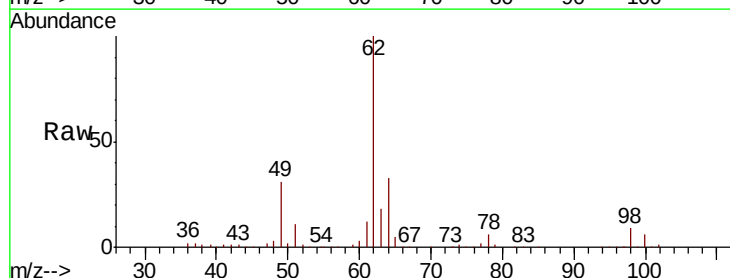
Acq: 28 May 2019 11:07

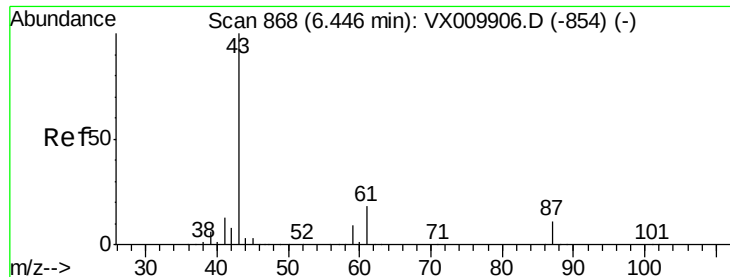
Tgt Ion: 62 Resp: 151776

Ion Ratio Lower Upper

62 100

98 8.6 0.0 17.2



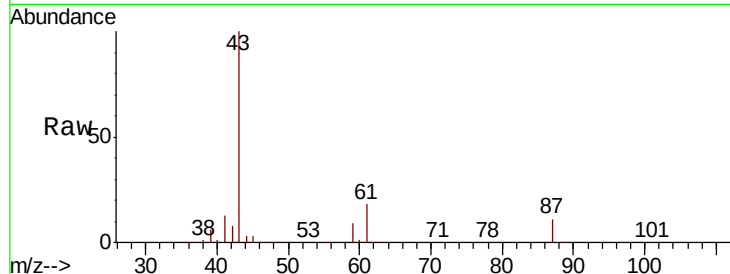


#43

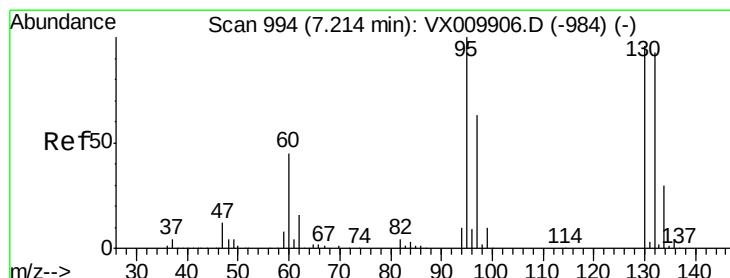
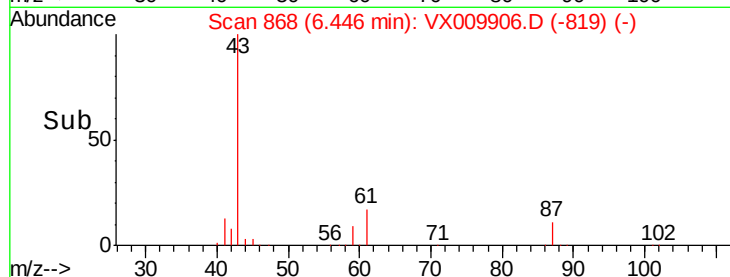
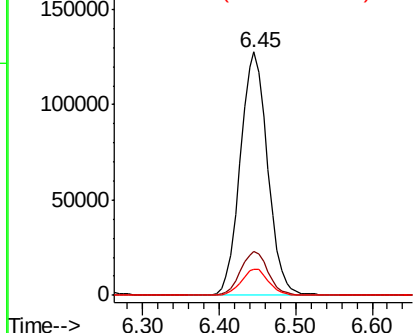
Isopropyl Acetate
 Concen: 52.946 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 315425
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.6 21.8
 87 10.9 8.7 13.1



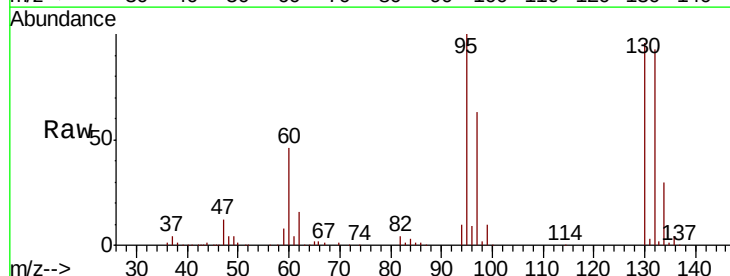
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



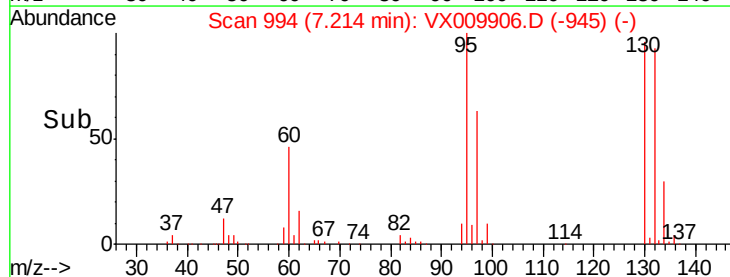
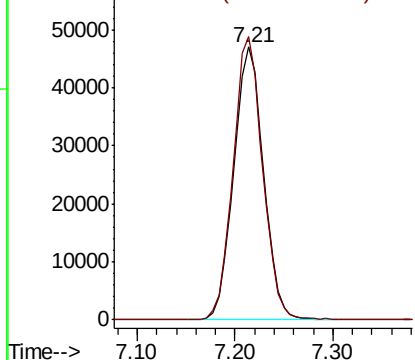
#44

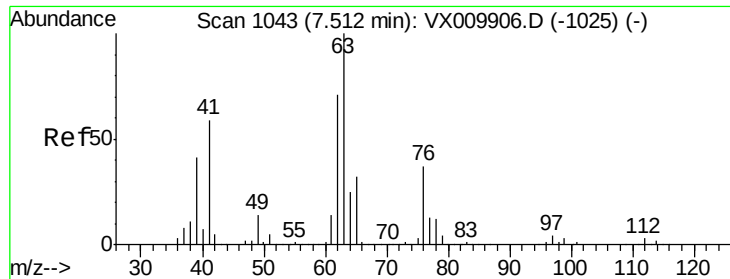
Trichloroethene
 Concen: 50.147 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion:130 Resp: 99597
 Ion Ratio Lower Upper
 130 100
 95 103.7 0.0 207.4



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

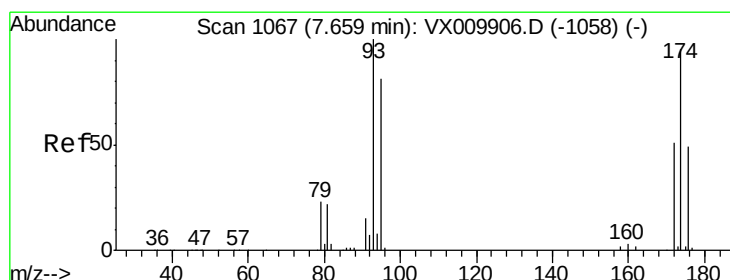
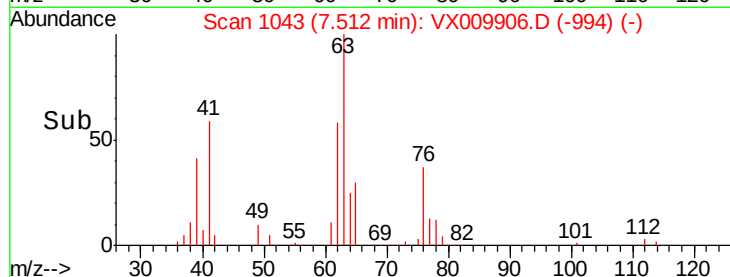
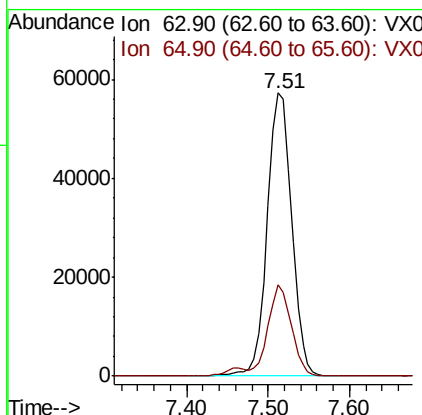
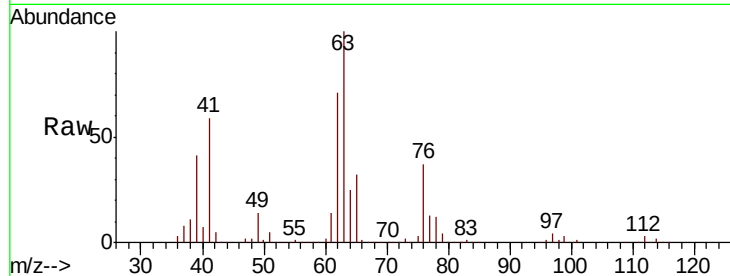




#45
 1,2-Dichloropropane
 Concen: 51.368 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

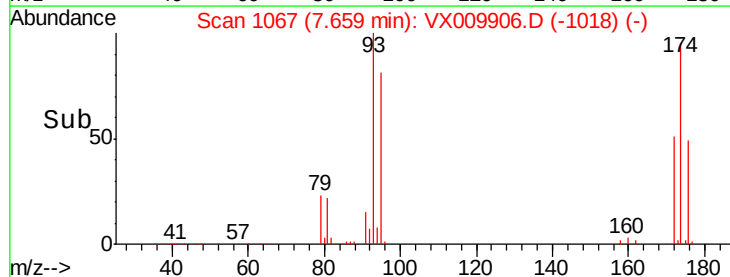
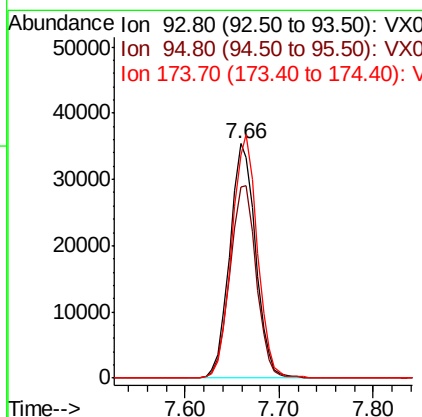
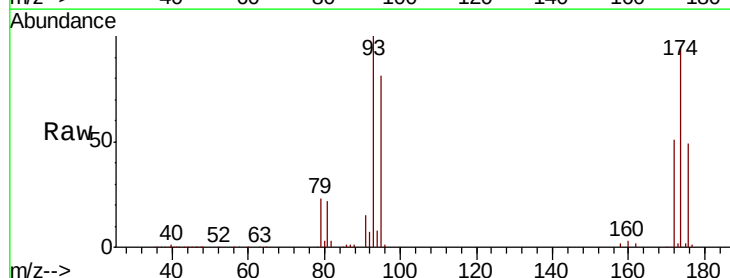
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

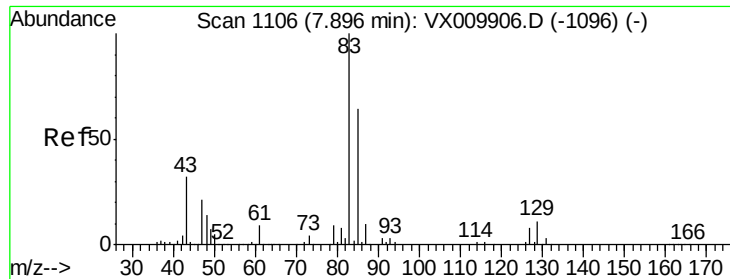
Tot Ion: 63 Resp: 119641
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5



#46
 Dibromomethane
 Concen: 50.164 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion: 93 Resp: 67813
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 102.4 81.9 122.9





#47

Bromodichloromethane

Concen: 50.772 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

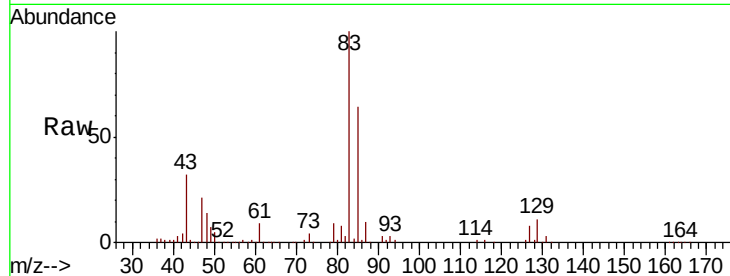
Tot Ion: 83 Resp: 136658

Ion Ratio Lower Upper

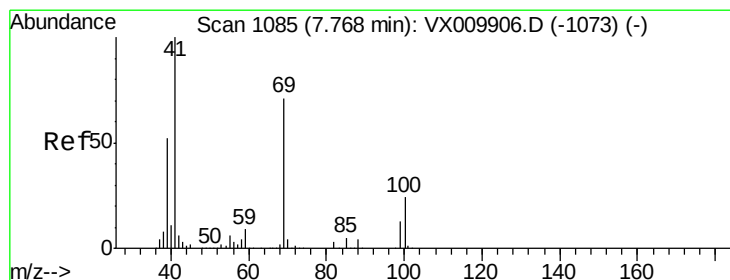
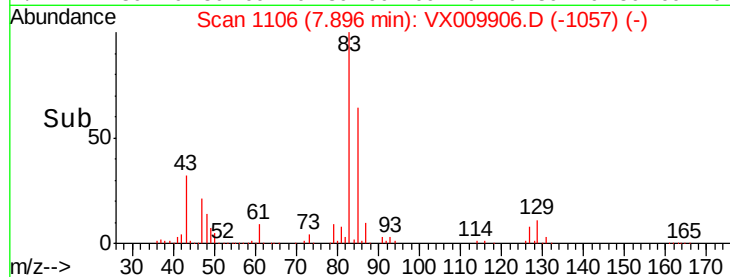
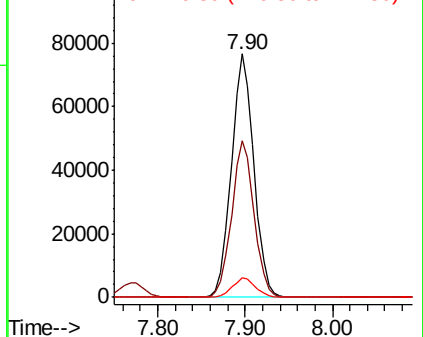
83 100

85 64.3 51.4 77.2

127 8.0 6.4 9.6



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



#48

Methyl methacrylate

Concen: 54.031 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

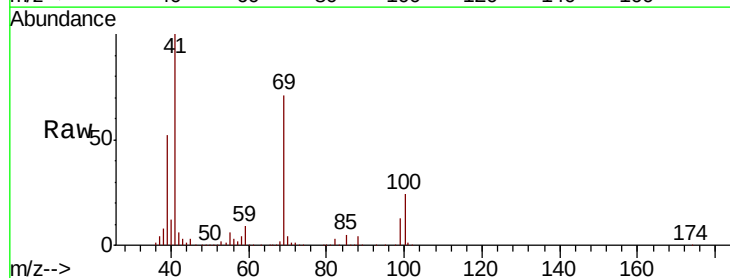
Tgt Ion: 41 Resp: 160246

Ion Ratio Lower Upper

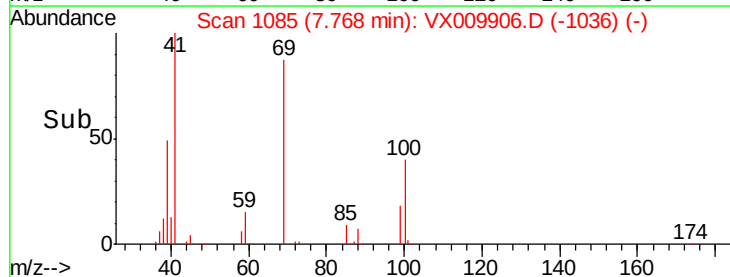
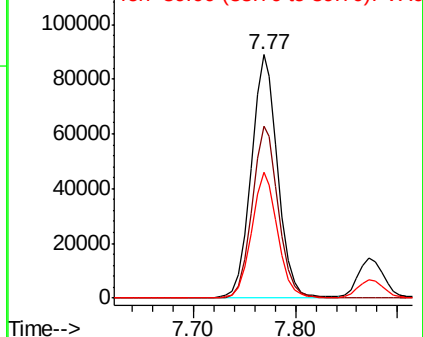
41 100

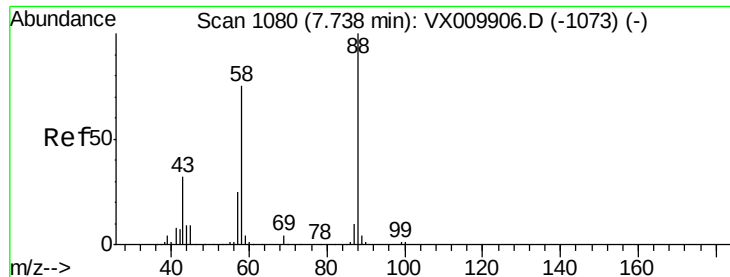
69 70.5 56.4 84.6

39 50.7 40.6 60.8



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: 979.450 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

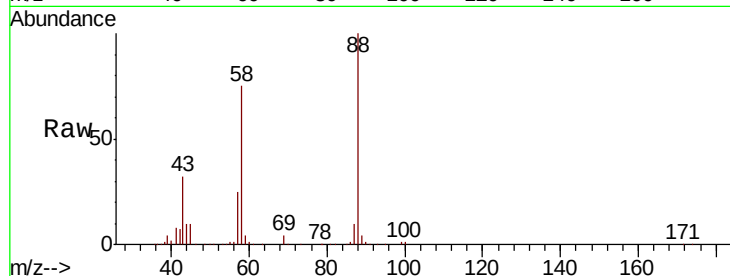
Tot Ion: 88 Resp: 58120

Ion Ratio Lower Upper

88 100

43 37.8 30.2 45.4

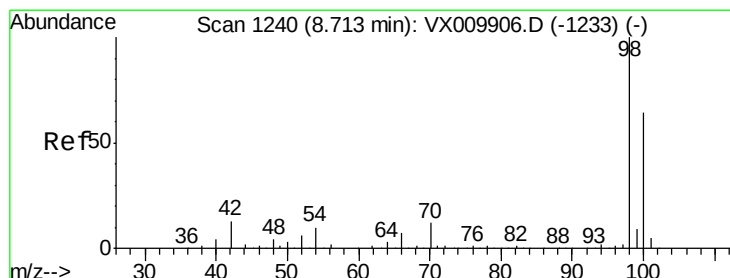
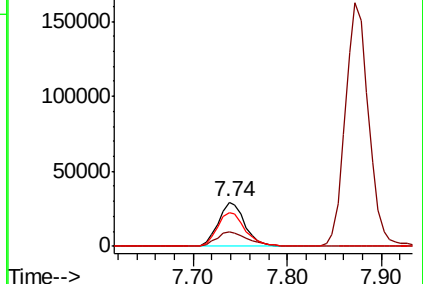
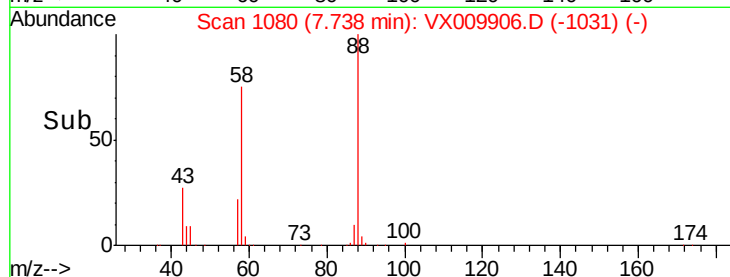
58 80.0 64.0 96.0



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: 49.880 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009906.D

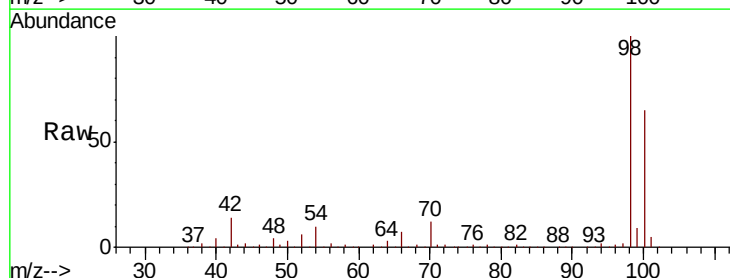
Acq: 28 May 2019 11:07

Tgt Ion: 98 Resp: 356260

Ion Ratio Lower Upper

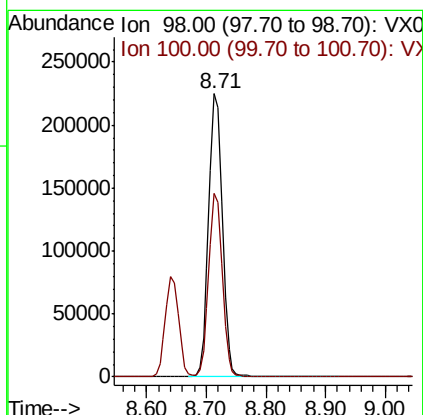
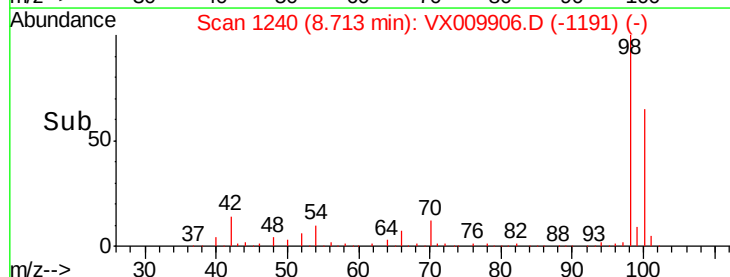
98 100

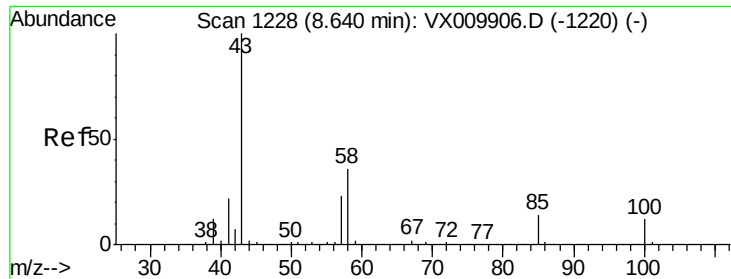
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 267.862 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

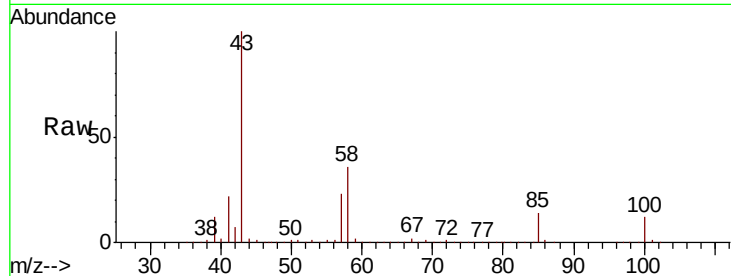
VSTDICCC050

Tot Ion: 43 Resp: 1045713

Ion Ratio Lower Upper

43 100

58 36.0 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

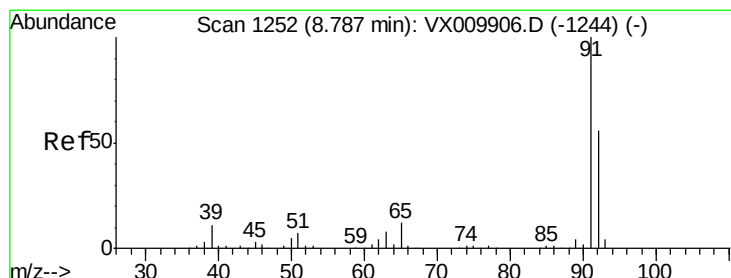
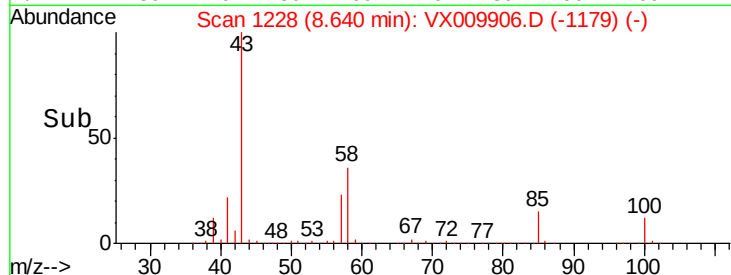
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.270 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009906.D

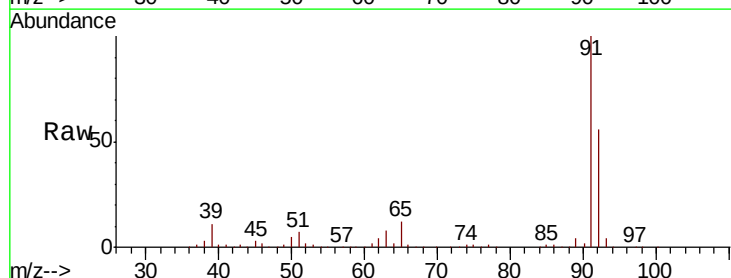
Acq: 28 May 2019 11:07

Tgt Ion: 92 Resp: 256471

Ion Ratio Lower Upper

92 100

91 174.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

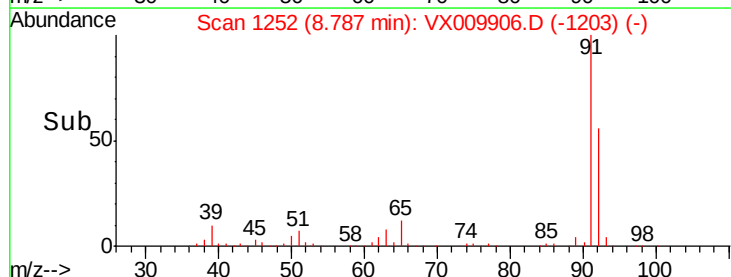
300000

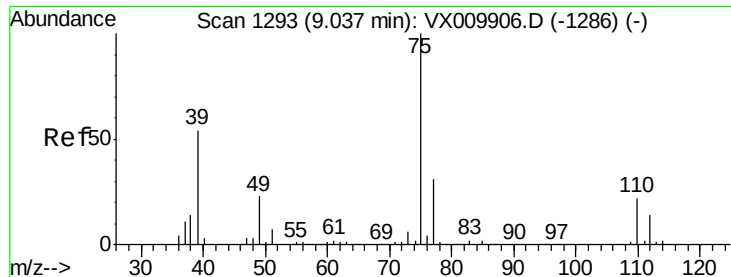
200000

100000

0

Time-->

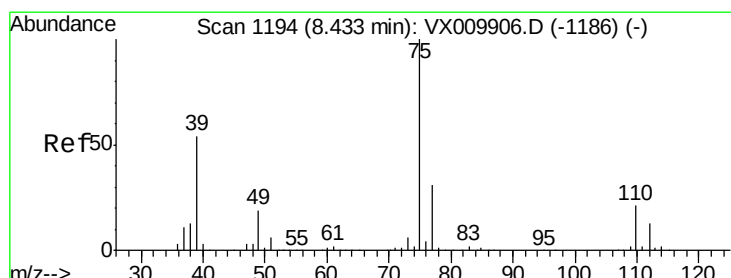
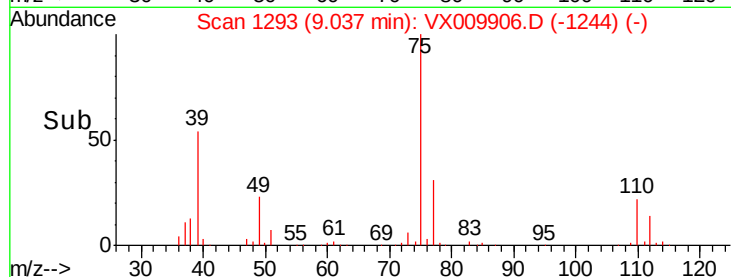
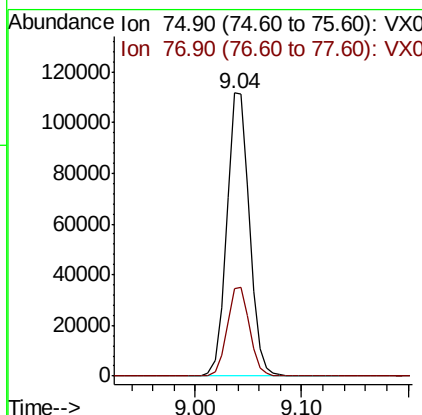
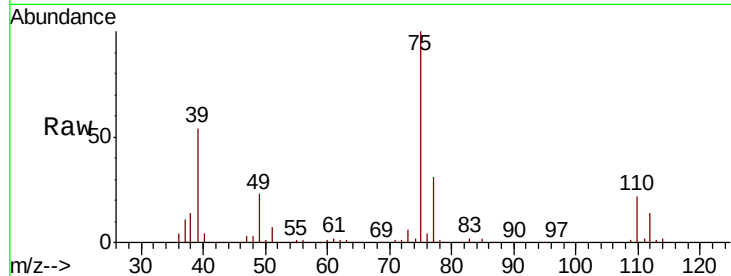




#53
 t-1,3-Dichloropropene
 Concen: 54.221 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

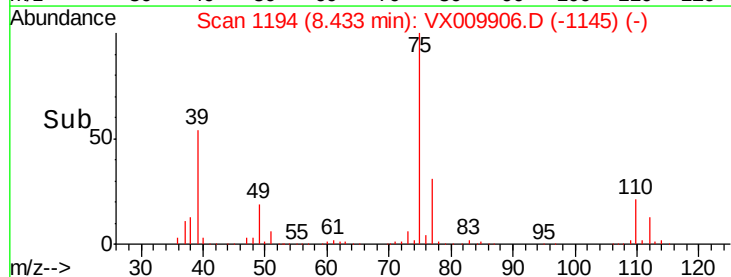
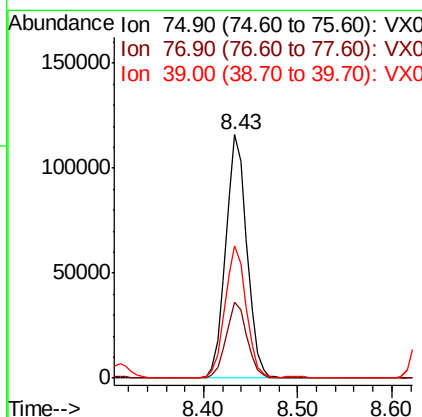
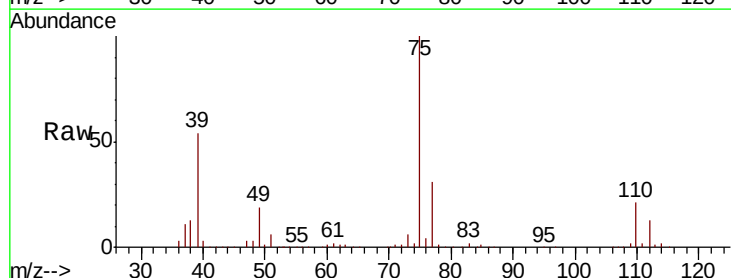
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

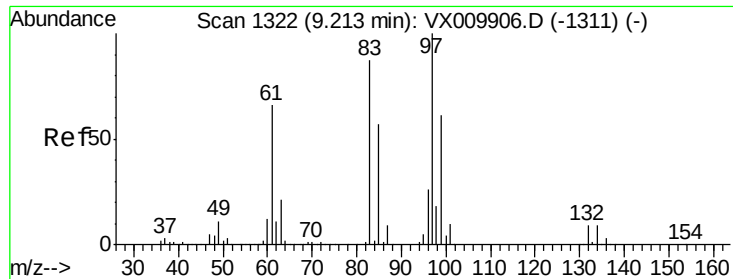
Tot Ion: 75 Resp: 166082
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.490 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion: 75 Resp: 180650
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 54.2 43.4 65.0

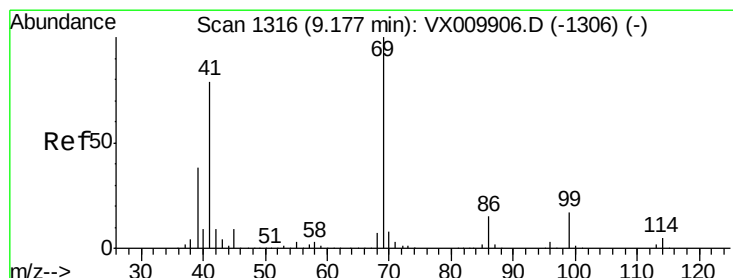
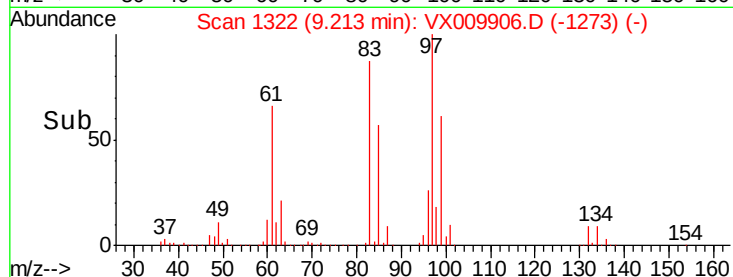
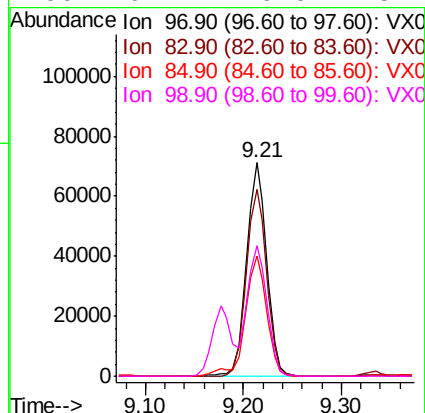
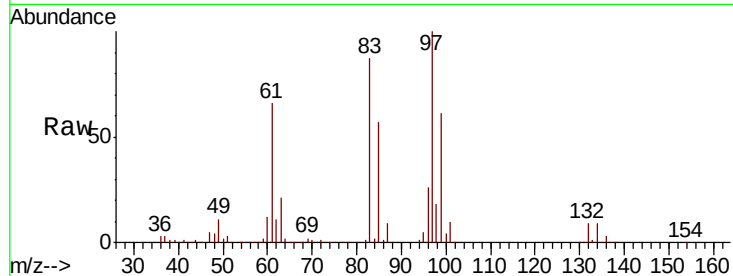




#55
 1,1,2-Trichloroethane
 Concen: 49.946 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

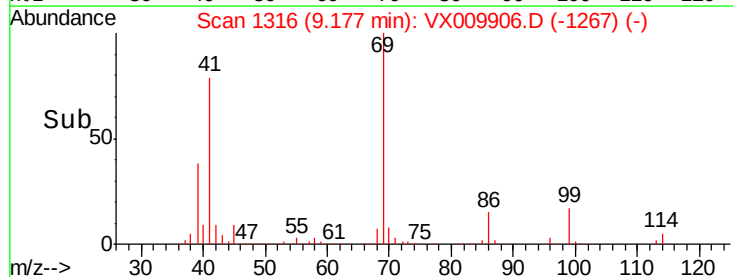
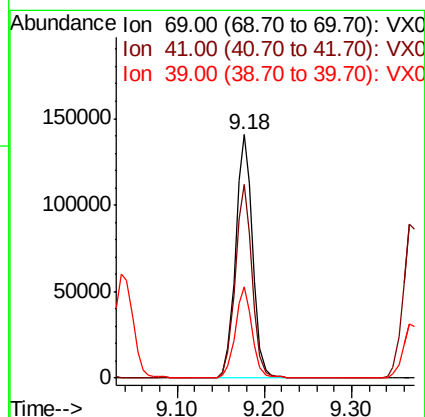
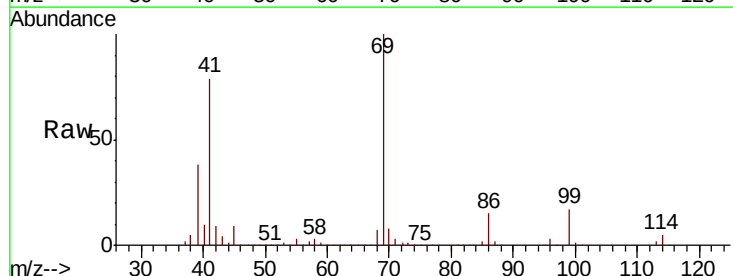
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

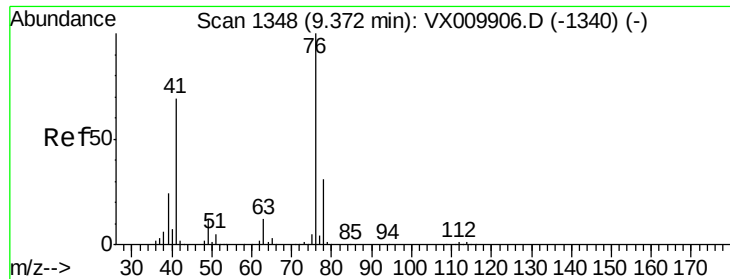
Tot Ion: 97 Resp: 101408
 Ion Ratio Lower Upper
 97 100
 83 87.3 69.8 104.8
 85 56.6 45.3 67.9
 99 61.2 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 52.931 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion: 69 Resp: 193213
 Ion Ratio Lower Upper
 69 100
 41 78.4 62.7 94.1
 39 36.9 29.5 44.3





#57

1,3-Dichloropropane

Concen: 50.626 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

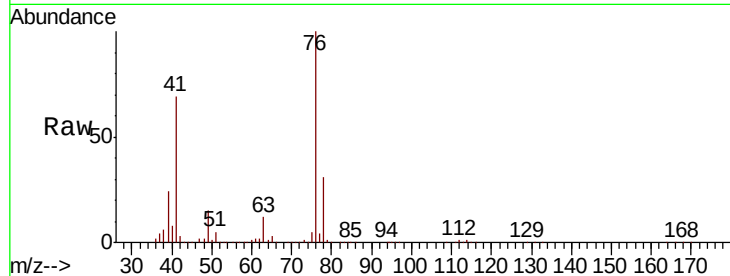
VSTDICCC050

Tot Ion: 76 Resp: 181678

Ion Ratio Lower Upper

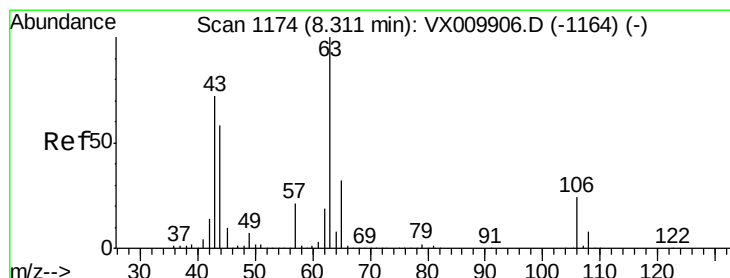
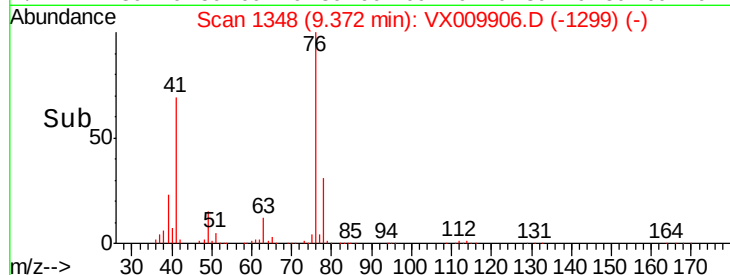
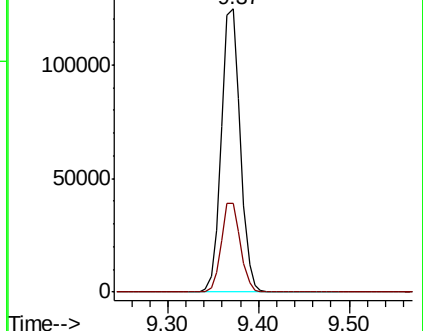
76 100

78 31.7 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 259.643 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009906.D

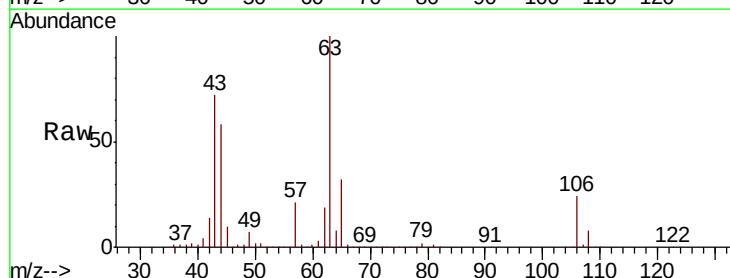
Acq: 28 May 2019 11:07

Tgt Ion: 63 Resp: 497577

Ion Ratio Lower Upper

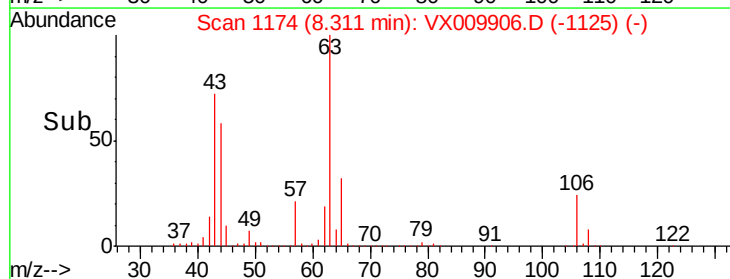
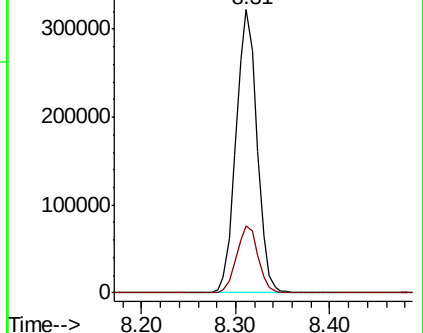
63 100

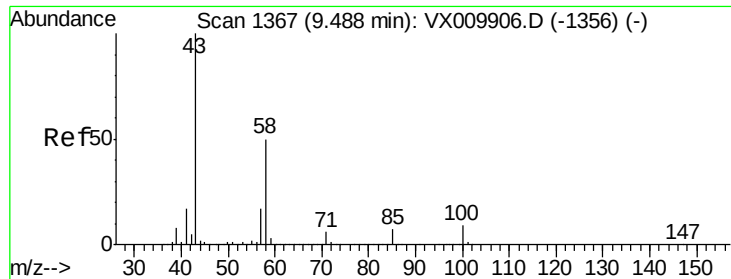
106 24.3 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

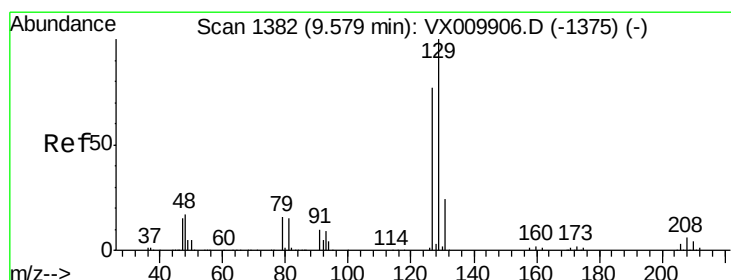
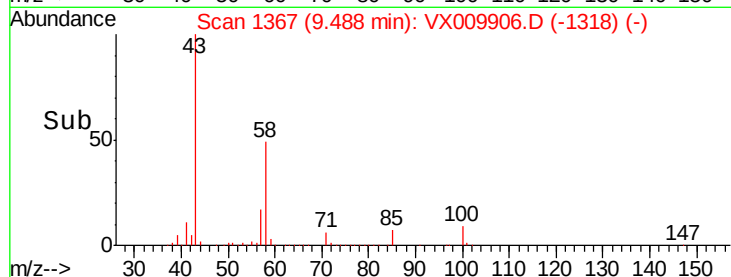
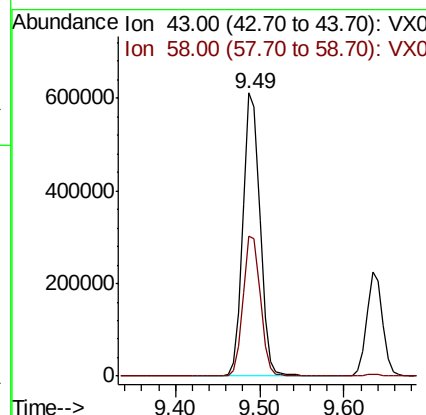
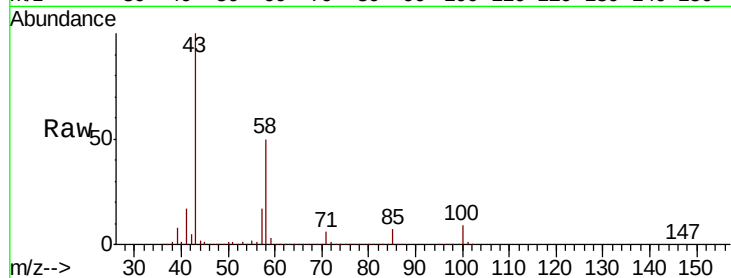




#59
2-Hexanone
Concen: 269.788 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

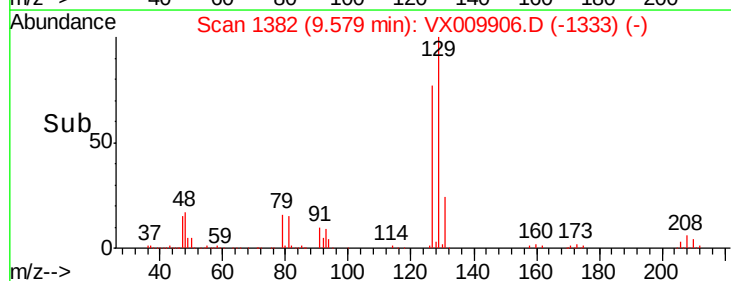
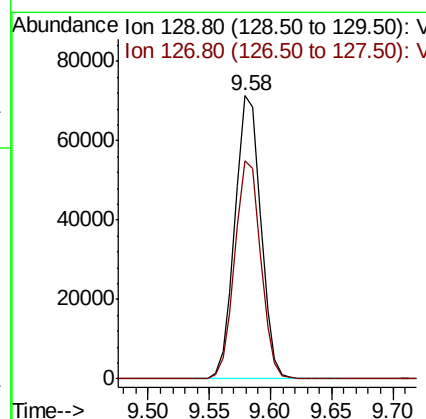
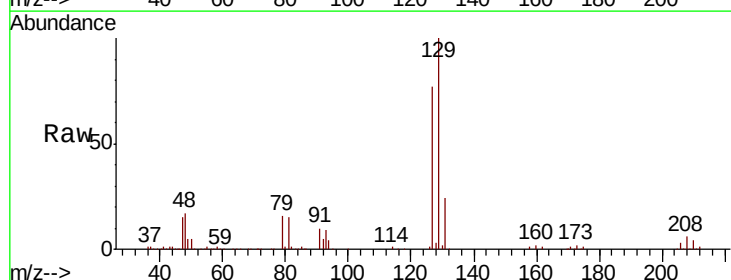
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

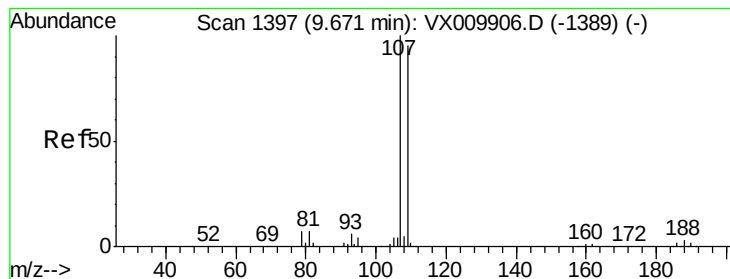
Tot Ion: 43 Resp: 826444
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3



#60
Dibromochloromethane
Concen: 52.324 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion: 129 Resp: 104157
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.883 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

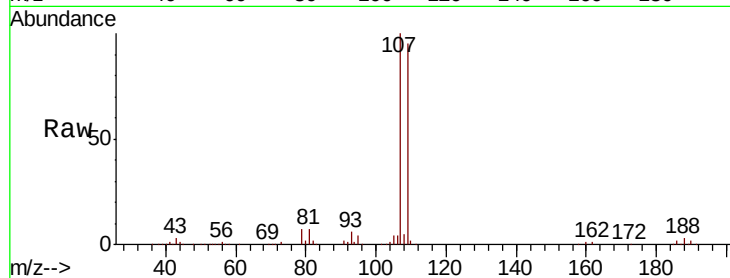
VSTDICCC050

Tot Ion:107 Resp: 104455

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

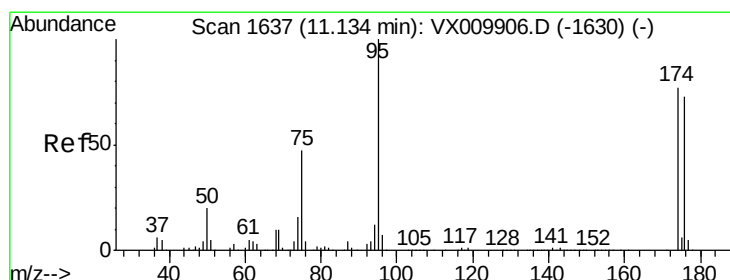
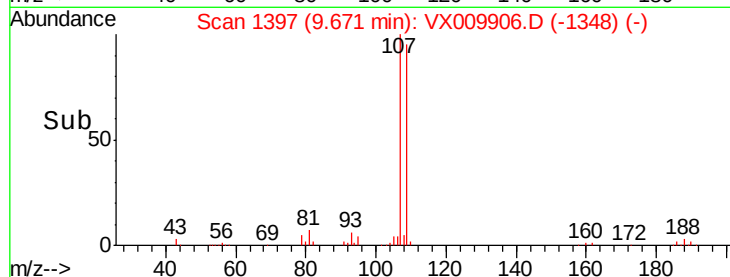
40000

20000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.187 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

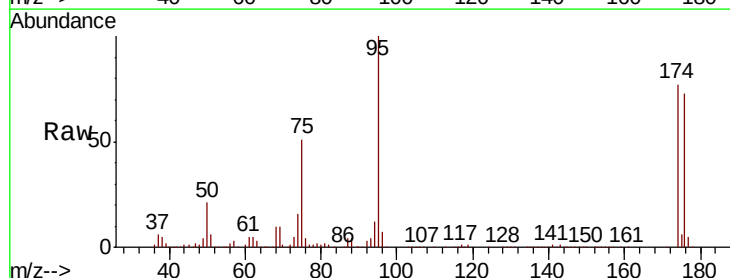
Tgt Ion: 95 Resp: 130584

Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.4

176 77.3 0.0 154.6



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

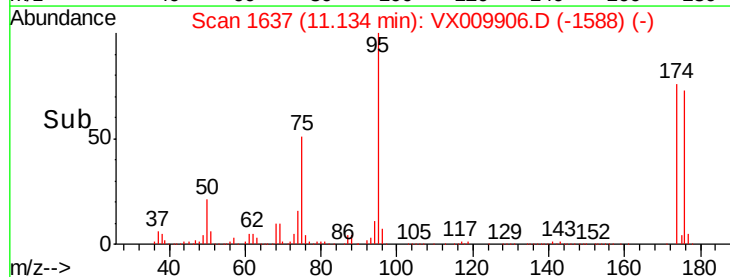
100000

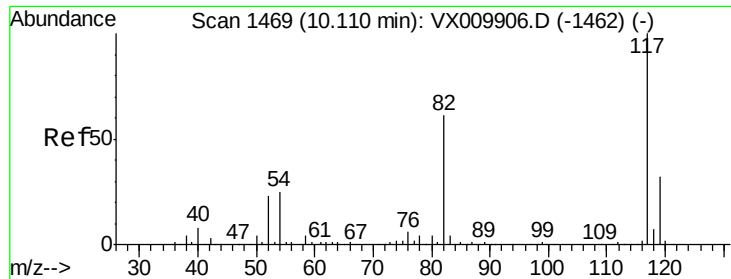
50000

0

11.10 11.20

Time-->

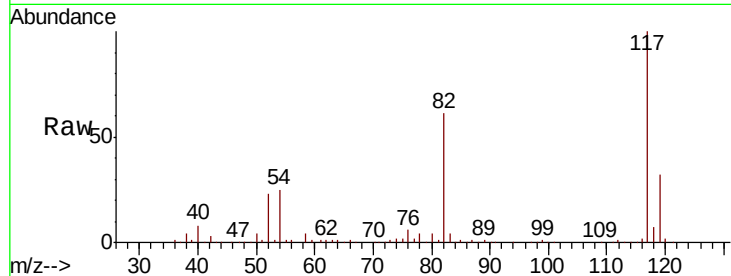




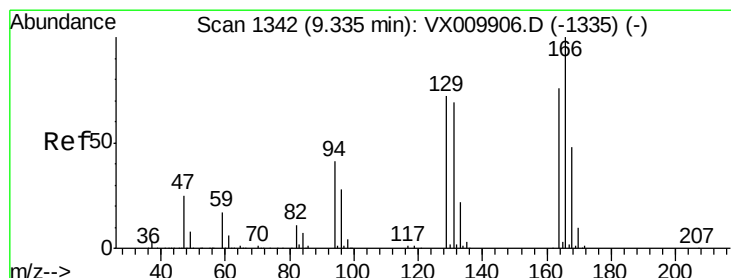
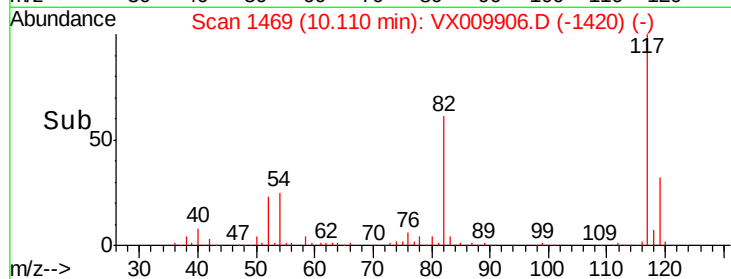
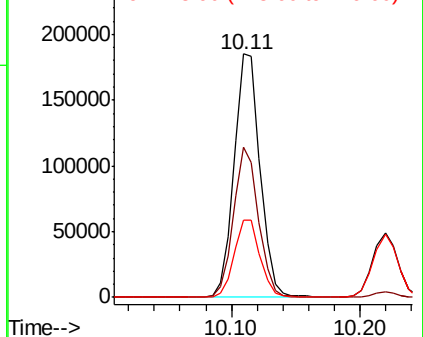
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 259874
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 31.5 25.2 37.8

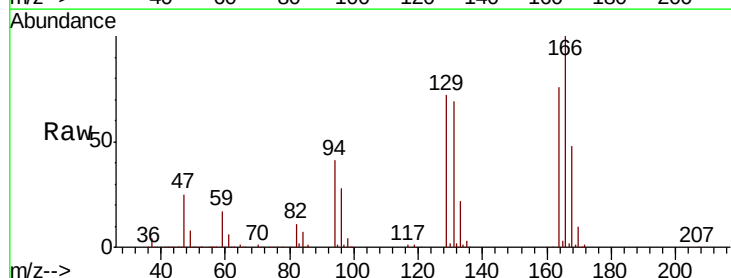


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

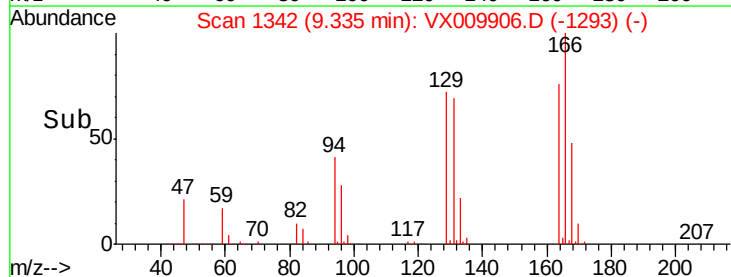
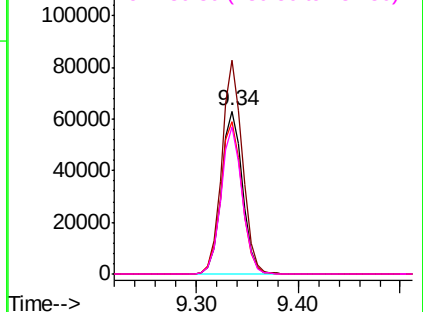


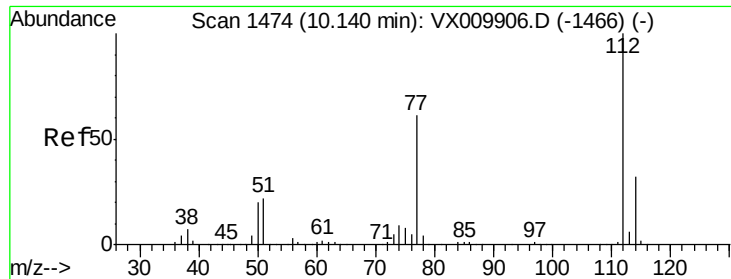
#64
Tetrachloroethene
Concen: 50.384 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion:164 Resp: 90511
Ion Ratio Lower Upper
164 100
166 131.2 105.0 157.4
129 93.9 75.1 112.7
131 90.3 72.2 108.4



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

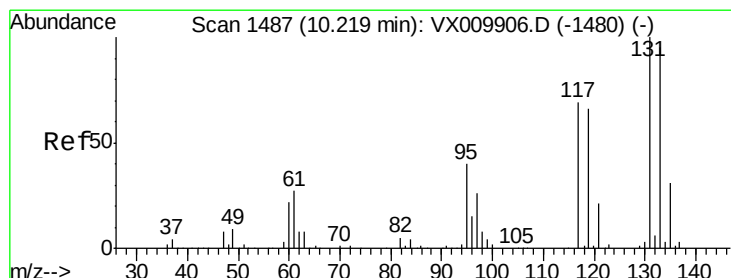
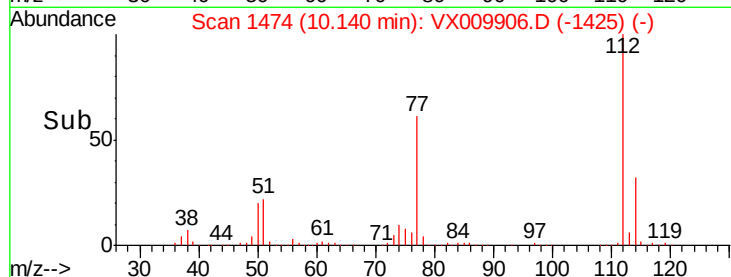
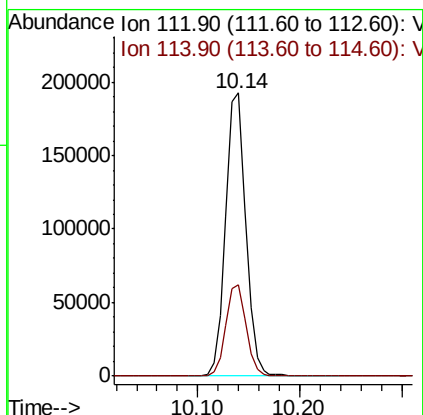
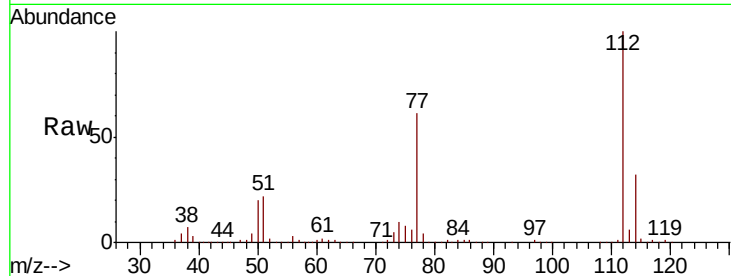




#65
Chlorobenzene
Concen: 50.586 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

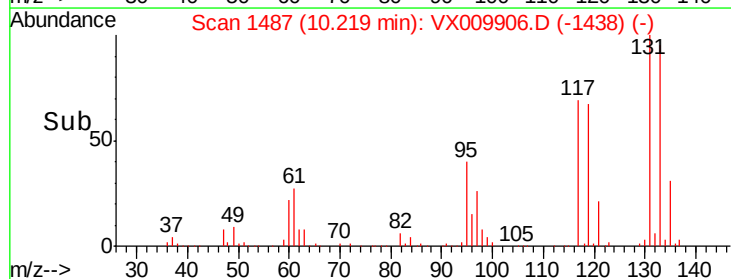
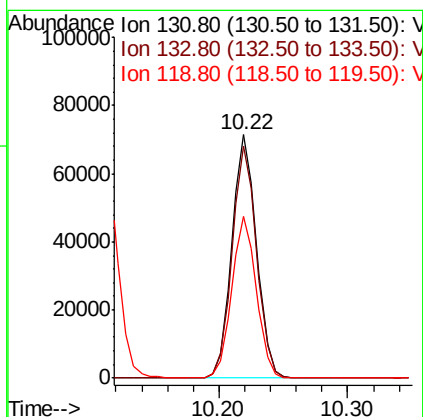
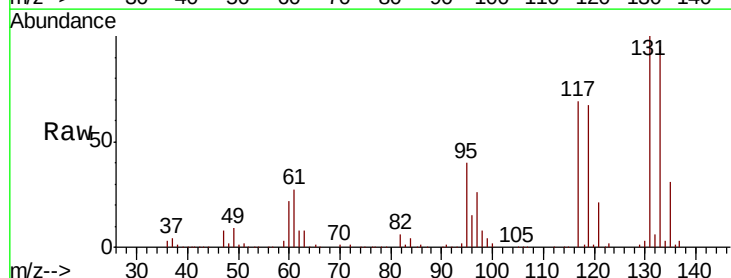
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

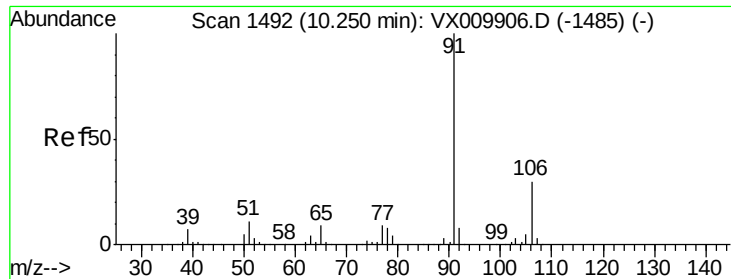
Tot Ion:112 Resp: 264601
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.297 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion:131 Resp: 95257
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 66.7 33.4 100.1

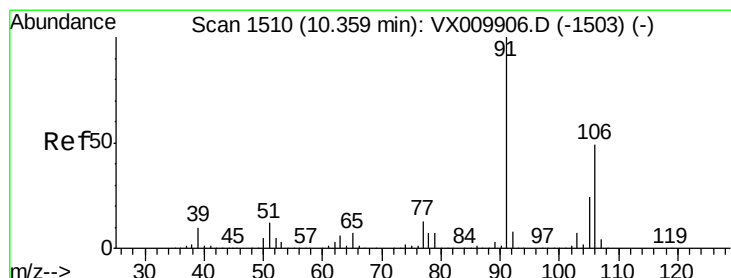
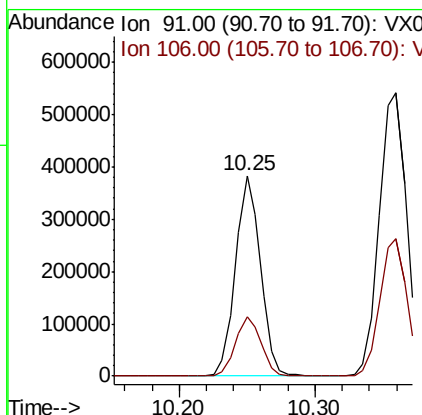
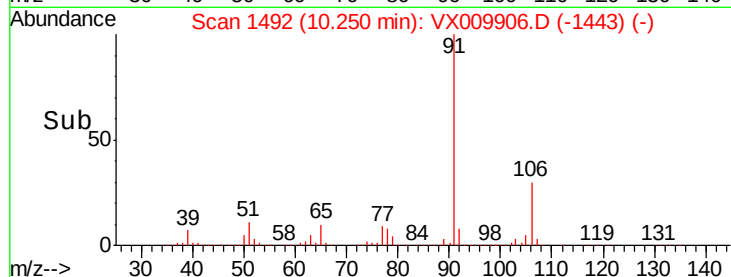
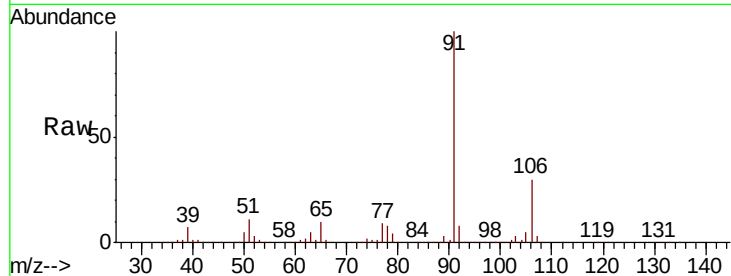




#67
Ethyl Benzene
Concen: 50.993 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

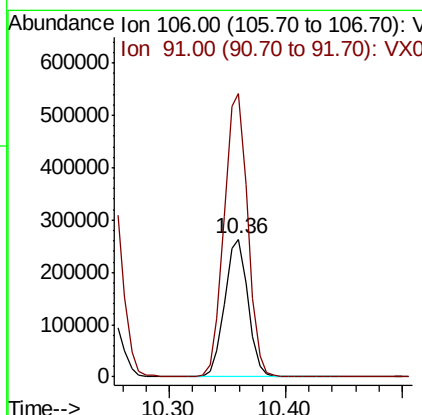
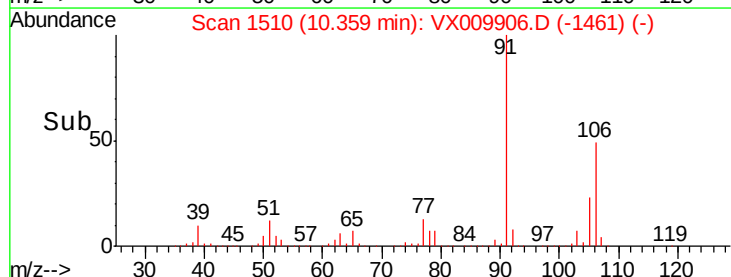
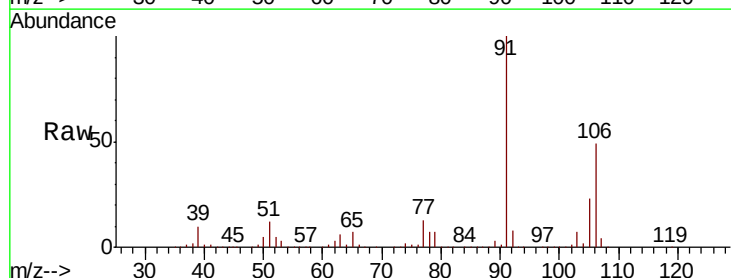
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

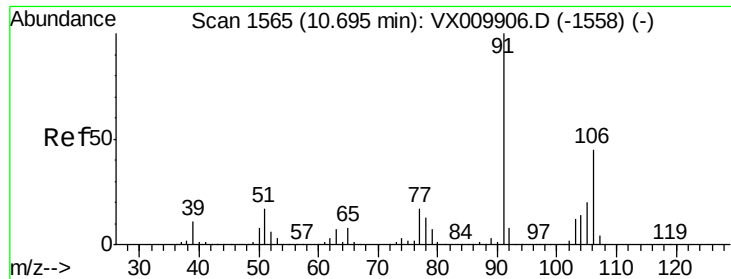
Tot Ion: 91 Resp: 491048
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#68
m/p-Xylenes
Concen: 103.569 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion: 106 Resp: 364816
Ion Ratio Lower Upper
106 100
91 209.1 167.3 250.9

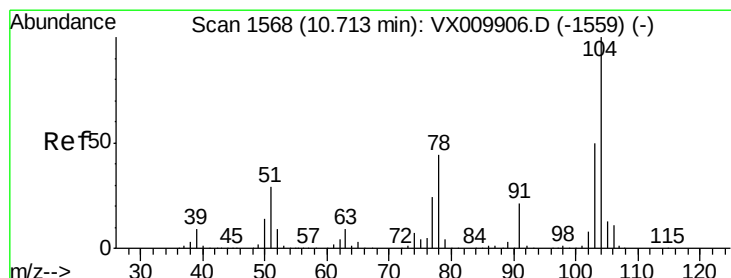
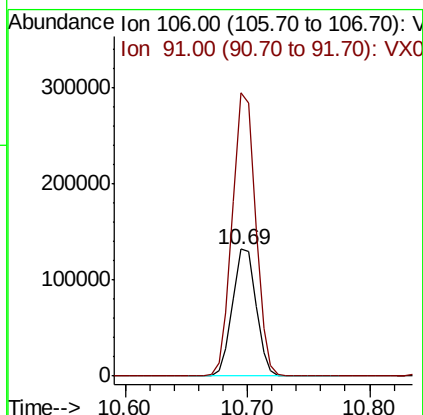
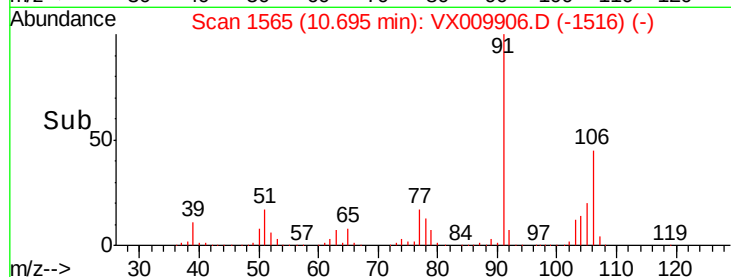
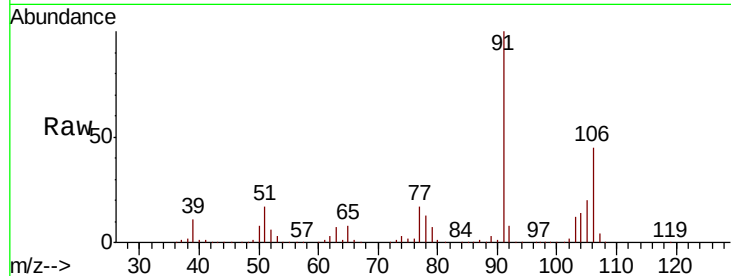




#69
o-Xylene
Concen: 50.666 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

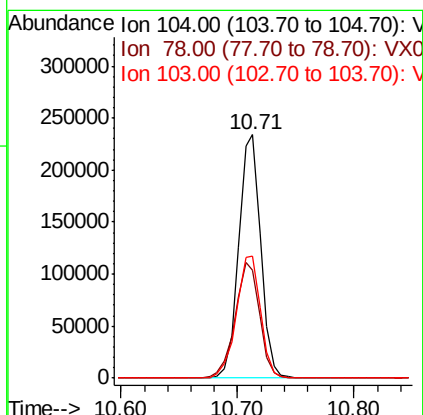
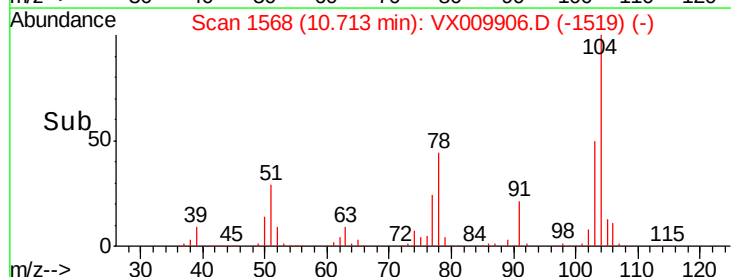
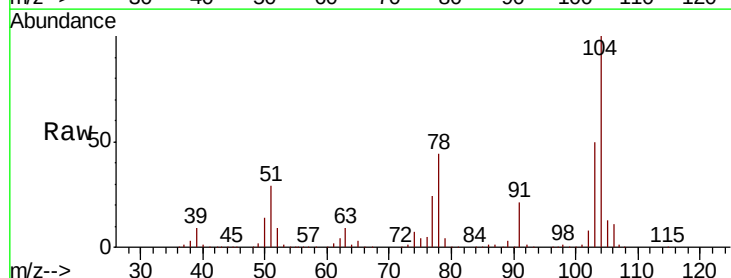
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

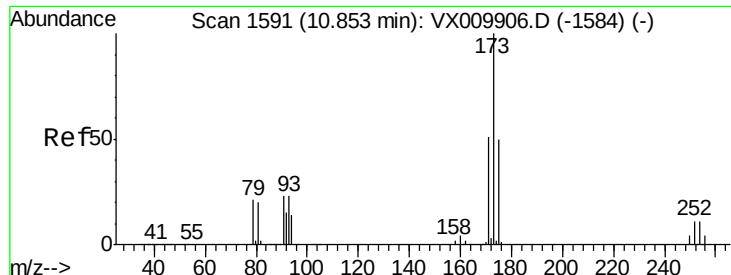
Tot Ion:106 Resp: 175973
Ion Ratio Lower Upper
106 100
91 220.8 110.4 331.2



#70
Styrene
Concen: 51.321 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion:104 Resp: 309023
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 51.728 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

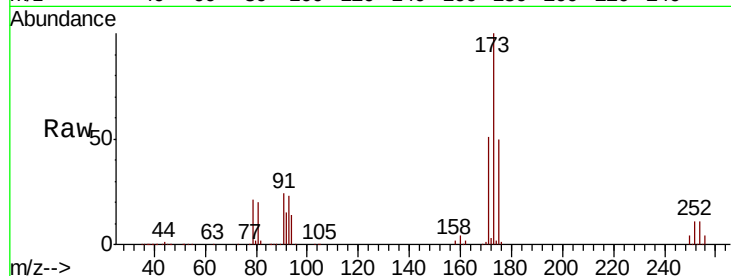
Tot Ion:173 Resp: 79736

Ion Ratio Lower Upper

173 100

175 50.0 25.0 75.0

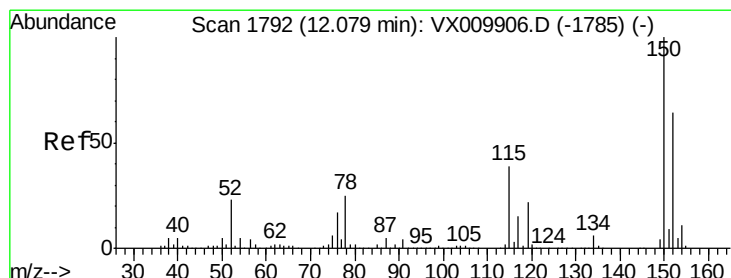
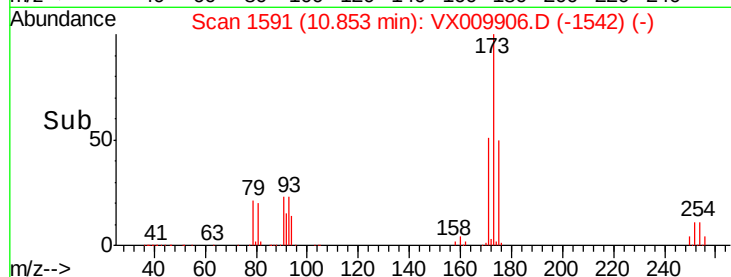
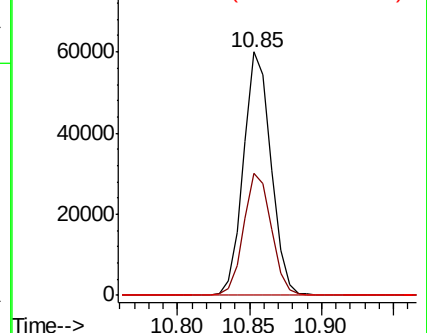
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

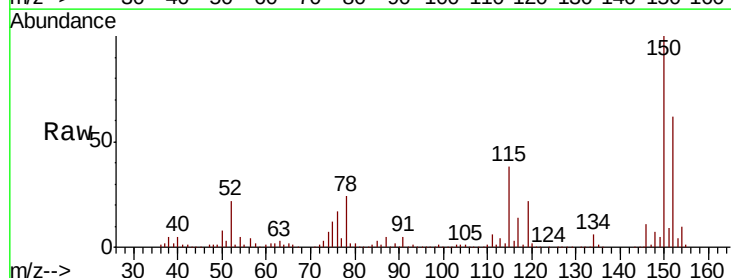
Tgt Ion:152 Resp: 128560

Ion Ratio Lower Upper

152 100

115 82.8 41.4 124.2

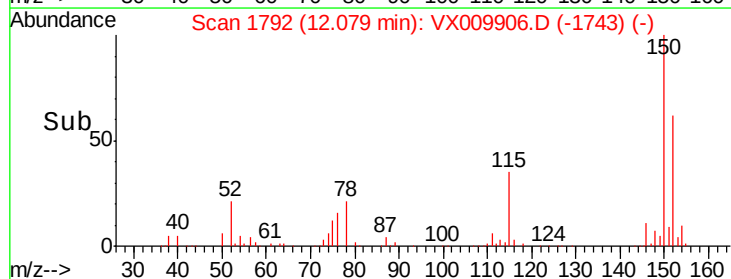
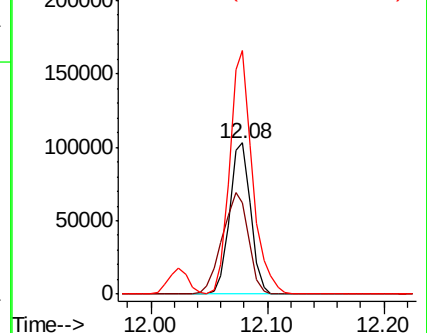
150 172.6 0.0 345.2

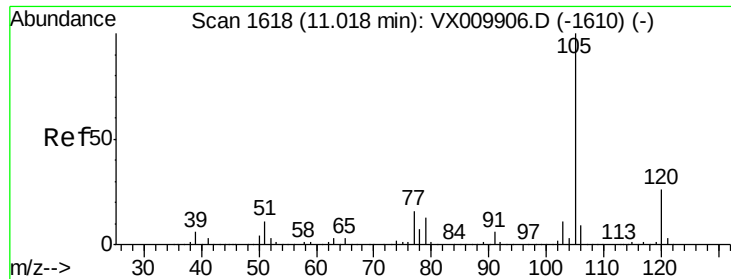


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.238 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

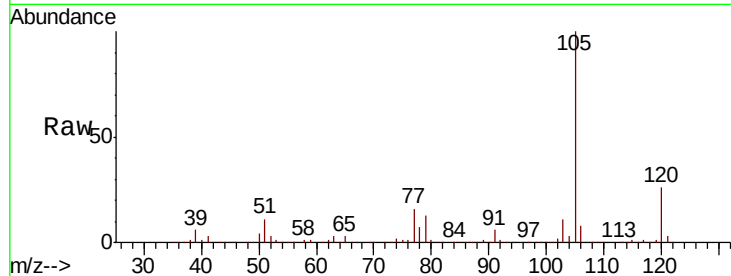
VSTDICCC050

Tot Ion:105 Resp: 472574

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

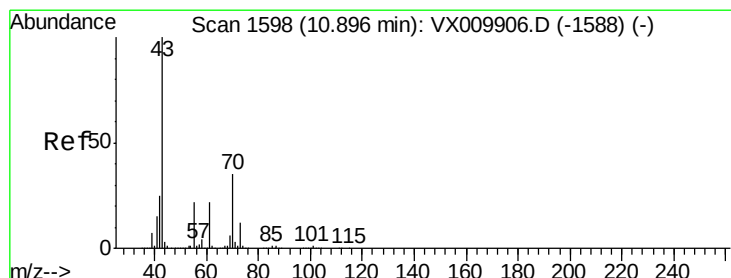
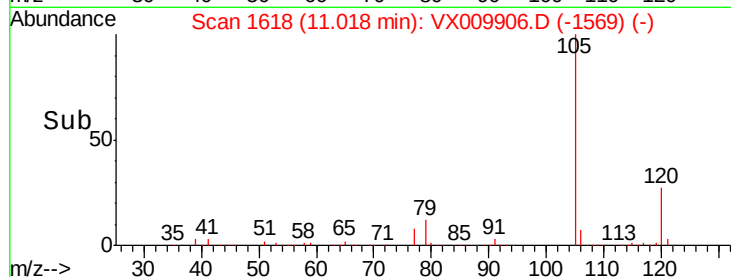
100000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 52.535 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Tgt Ion: 43 Resp: 289120

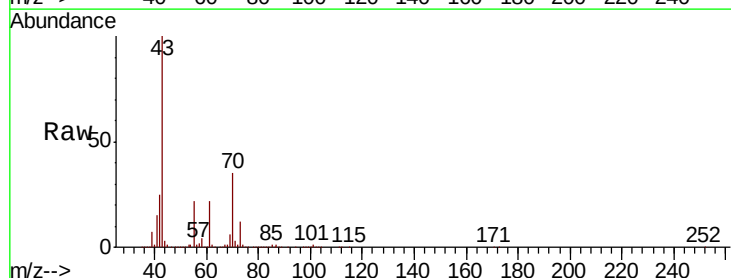
Ion Ratio Lower Upper

43 100

70 35.8 28.6 43.0

55 22.3 17.8 26.8

61 22.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

100000

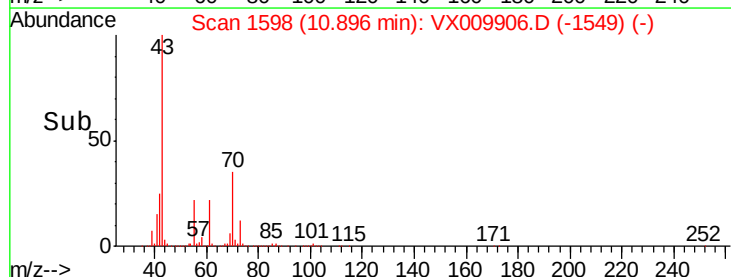
0

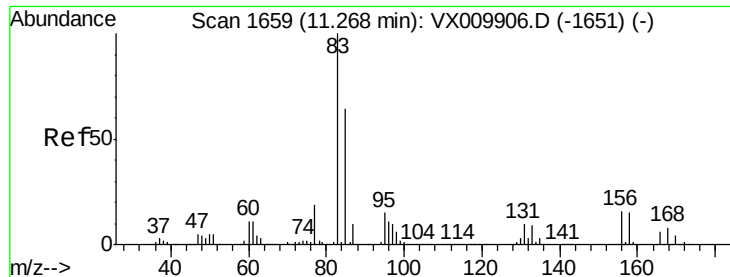
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.736 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

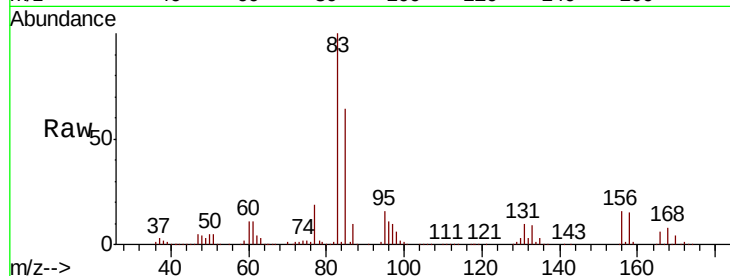
Tot Ion: 83 Resp: 170089

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

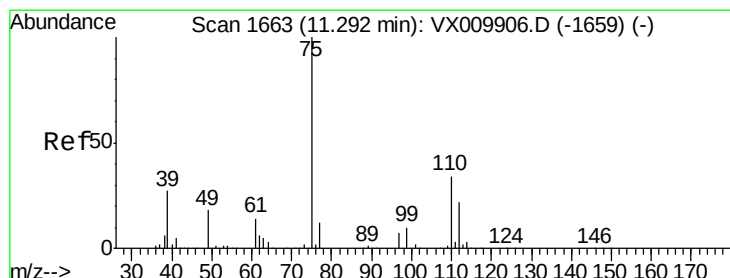
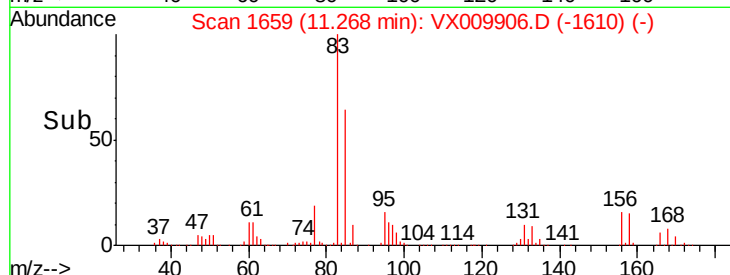
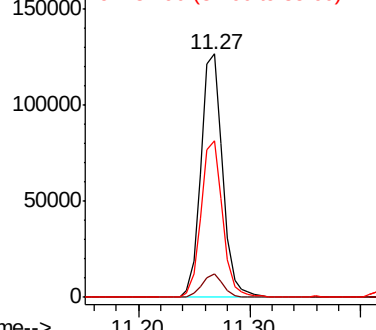
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.272 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009906.D

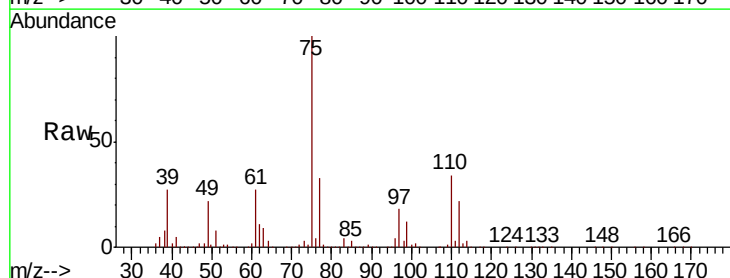
Acq: 28 May 2019 11:07

Tgt Ion: 75 Resp: 207962

Ion Ratio Lower Upper

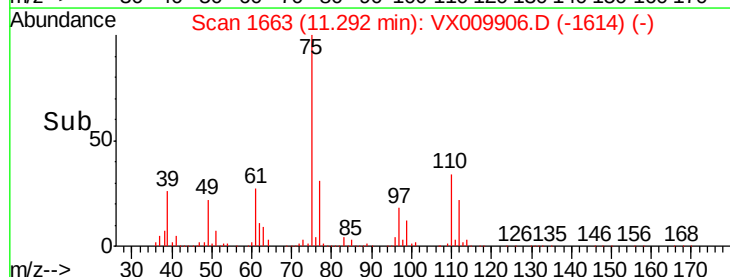
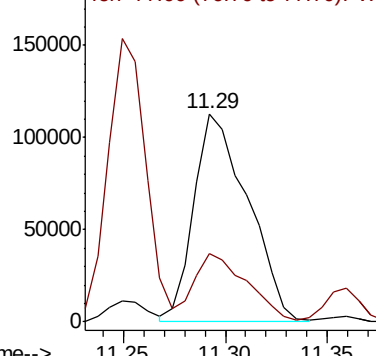
75 100

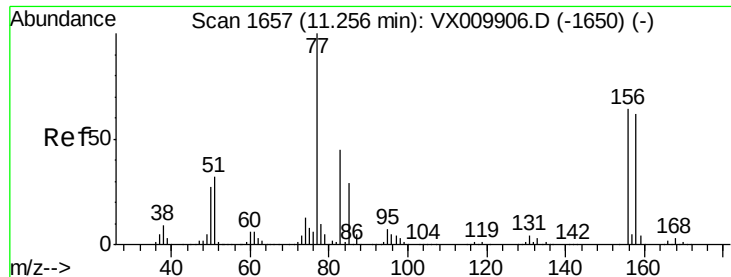
77 31.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.228 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

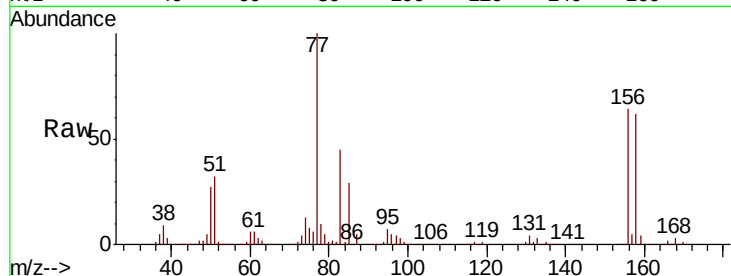
Tot Ion:156 Resp: 114806

Ion Ratio Lower Upper

156 100

77 173.5 86.8 260.3

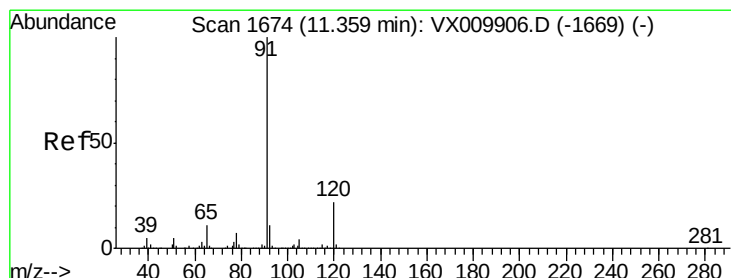
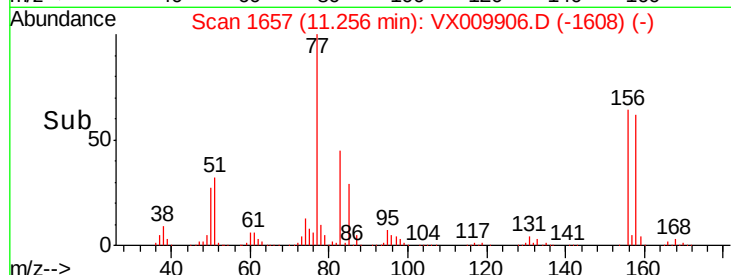
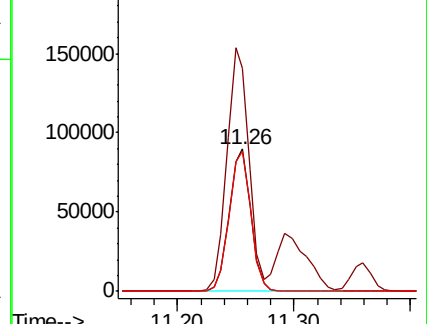
158 99.2 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.245 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009906.D

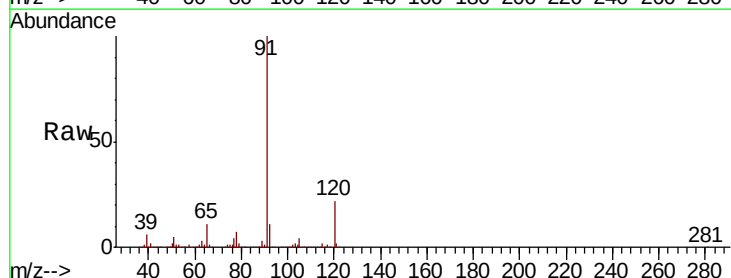
Acq: 28 May 2019 11:07

Tgt Ion: 91 Resp: 551557

Ion Ratio Lower Upper

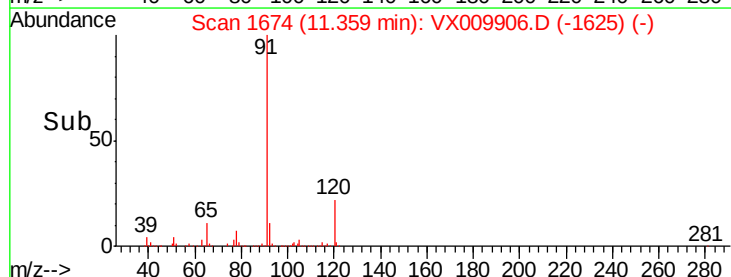
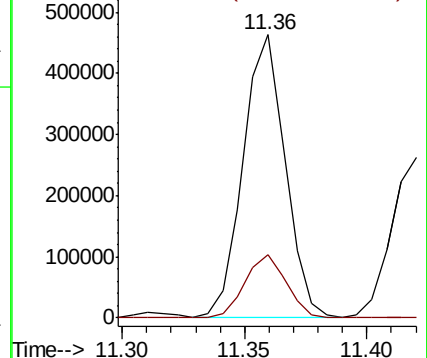
91 100

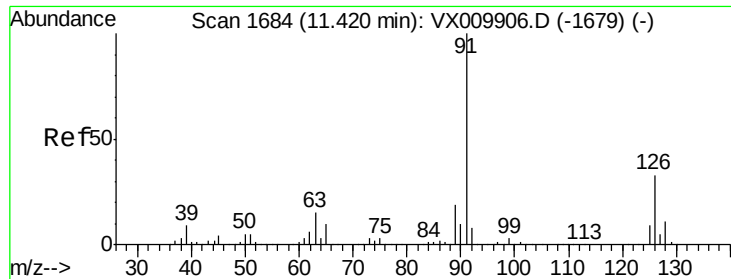
120 22.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.237 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampled :

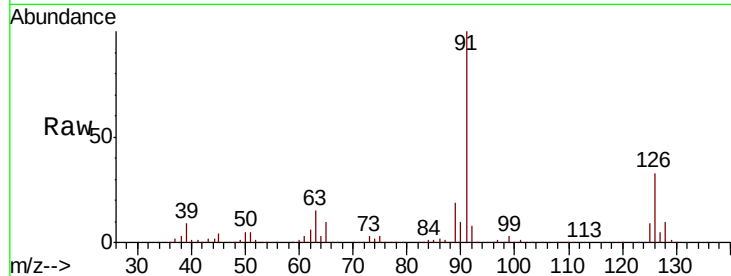
VSTDICCC050

Tot Ion: 91 Resp: 327116

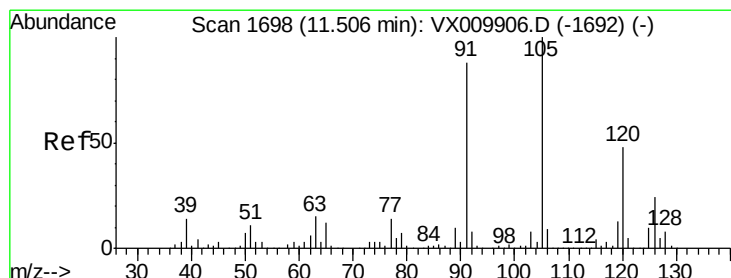
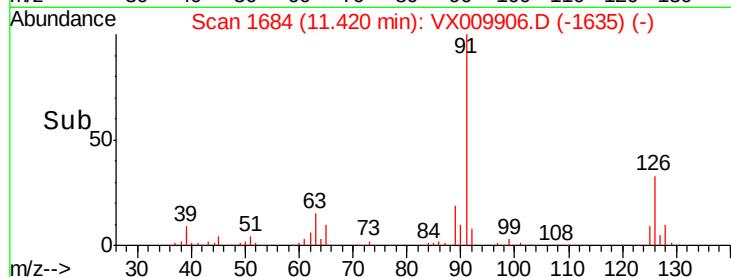
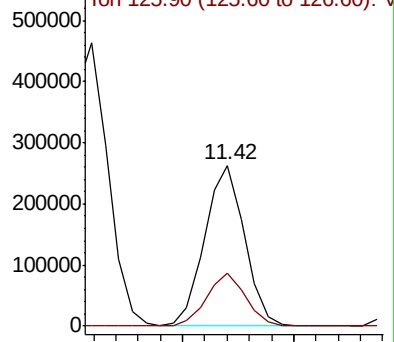
Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX009906.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.531 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009906.D

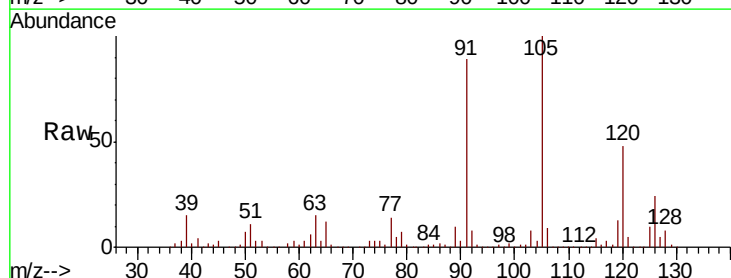
Acq: 28 May 2019 11:07

Tgt Ion:105 Resp: 400788

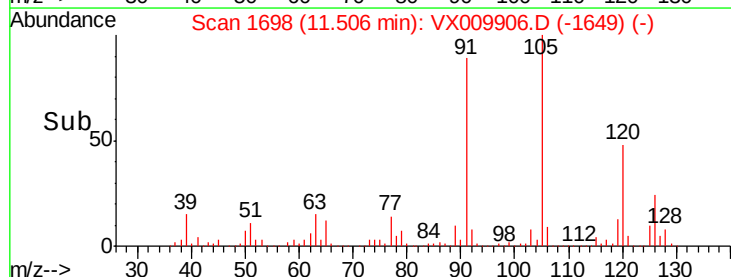
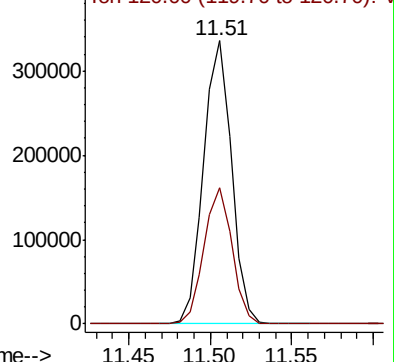
Ion Ratio Lower Upper

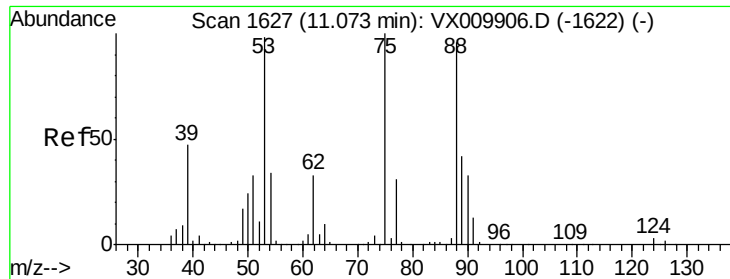
105 100

120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX009906.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.949 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

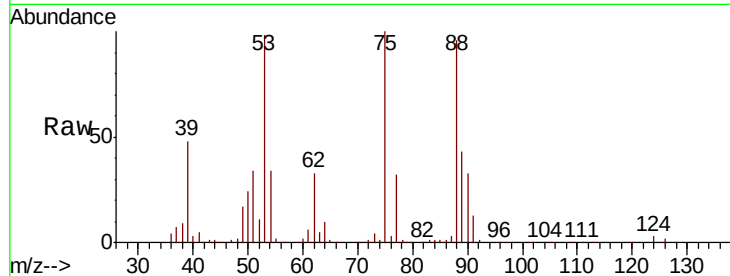
Tot Ion: 75 Resp: 62453

Ion Ratio Lower Upper

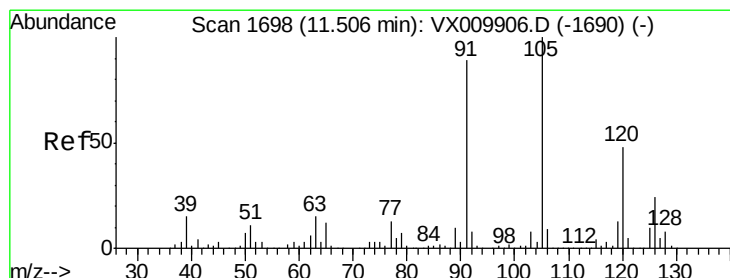
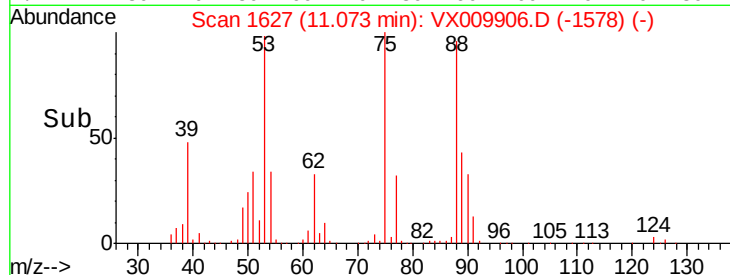
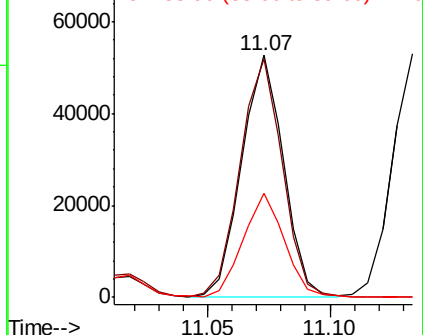
75 100

53 99.7 79.8 119.6

89 42.8 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.699 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009906.D

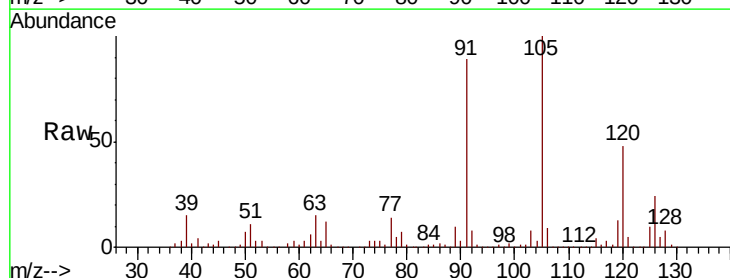
Acq: 28 May 2019 11:07

Tgt Ion: 91 Resp: 380868

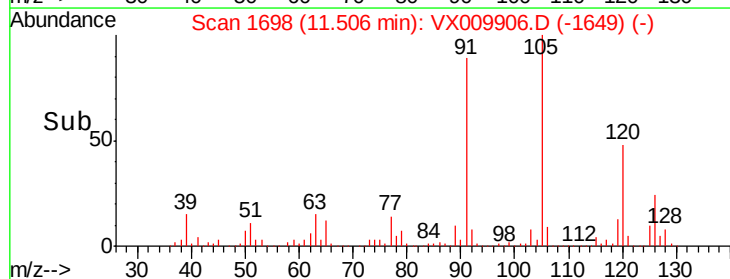
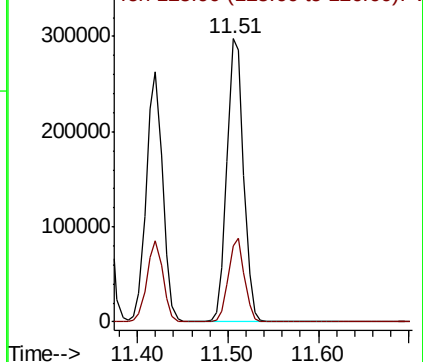
Ion Ratio Lower Upper

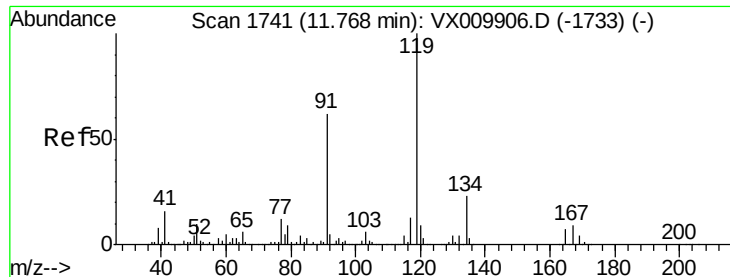
91 100

126 28.4 14.2 42.6



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

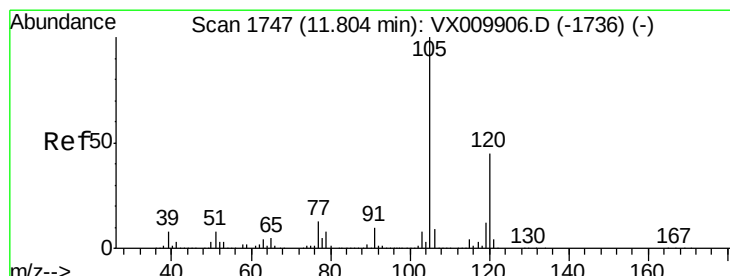
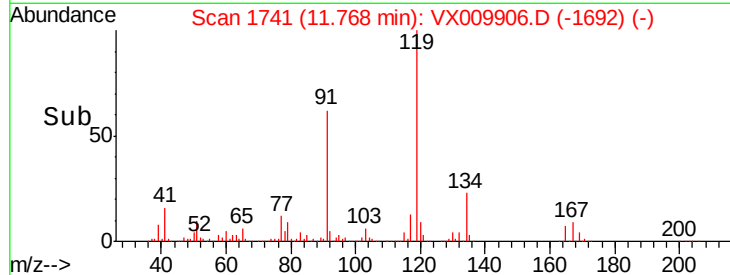
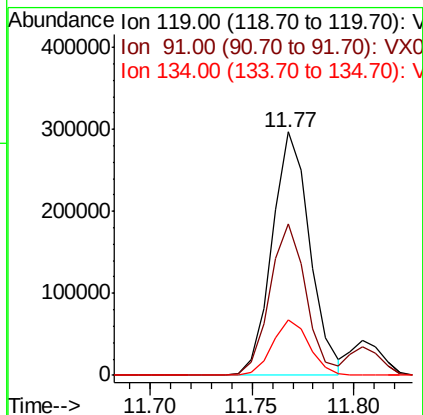
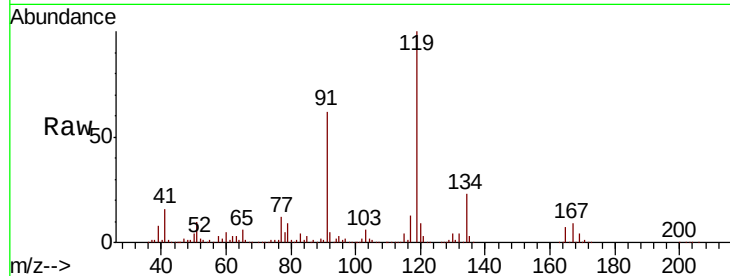




#83
 tert-Butylbenzene
 Concen: 49.728 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

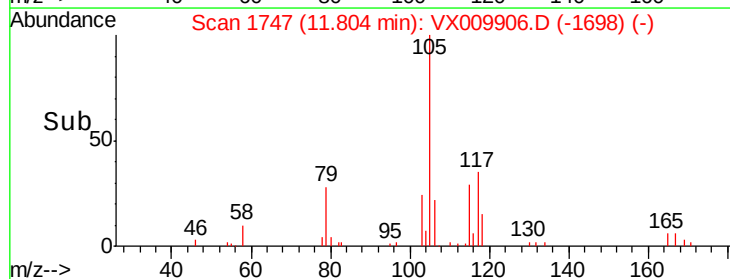
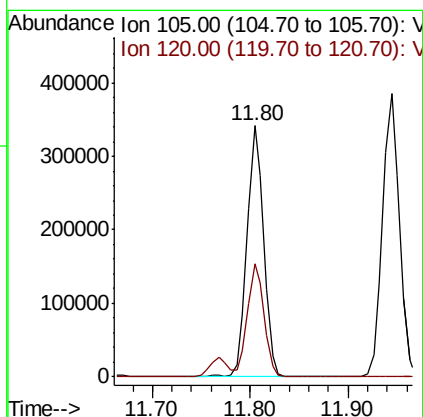
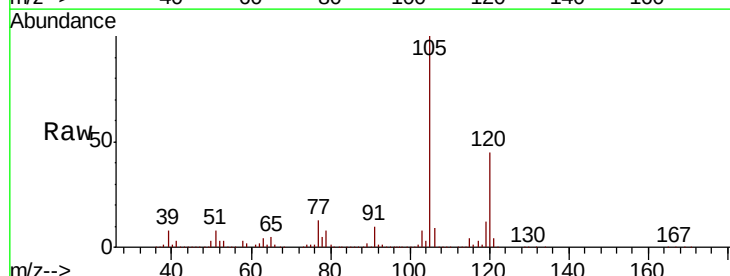
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

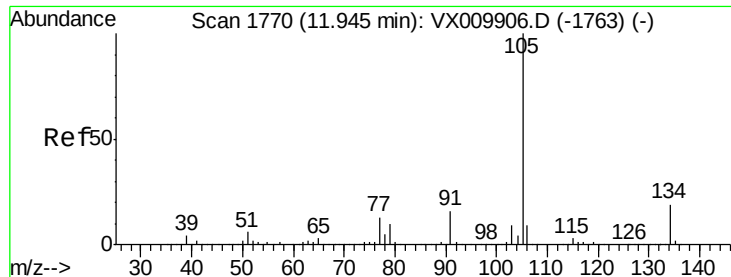
Tot Ion:119 Resp: 382999
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.0 90.0
 134 22.3 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.933 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion:105 Resp: 405532
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.480 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

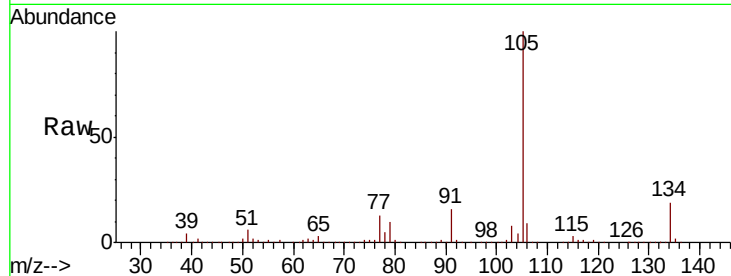
VSTDICCC050

Tot Ion:105 Resp: 461074

Ion Ratio Lower Upper

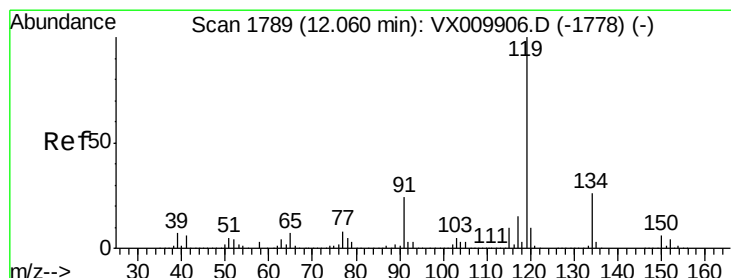
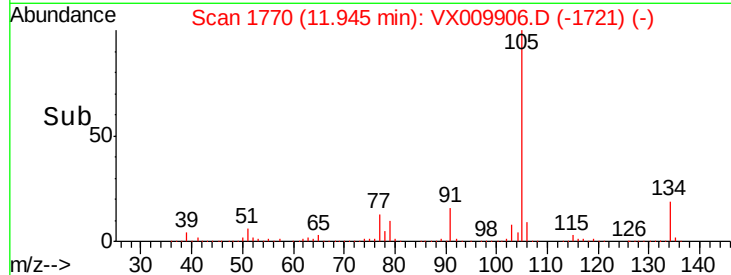
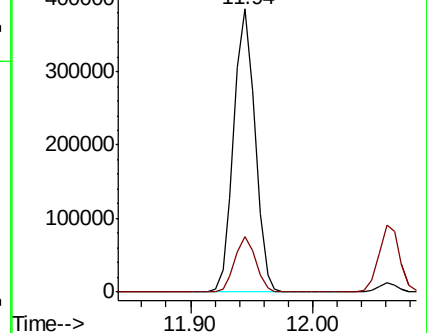
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.465 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009906.D

Acq: 28 May 2019 11:07

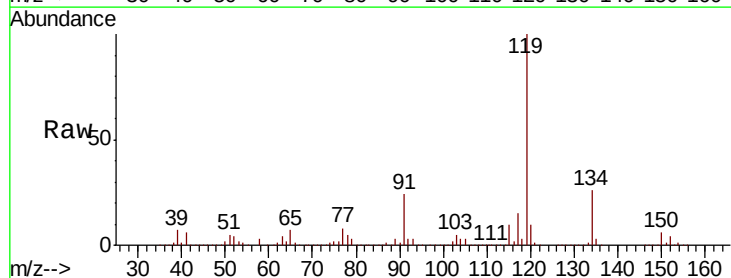
Tgt Ion:119 Resp: 423050

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

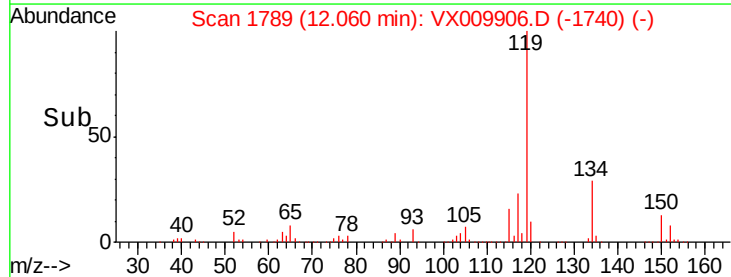
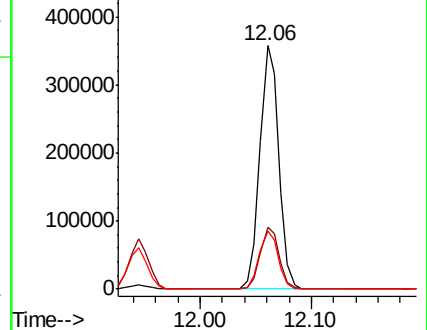
91 23.9 11.9 35.9

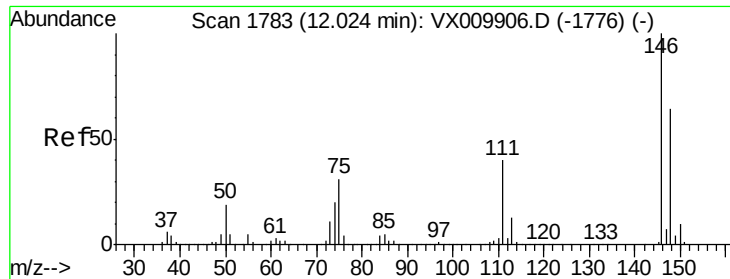


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

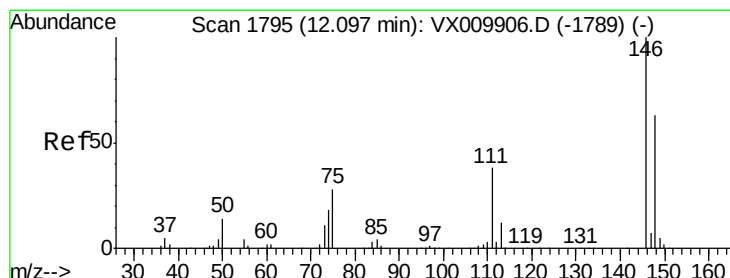
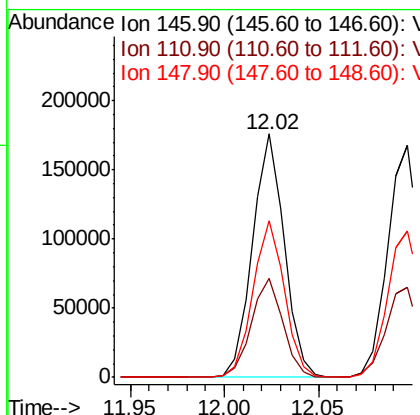
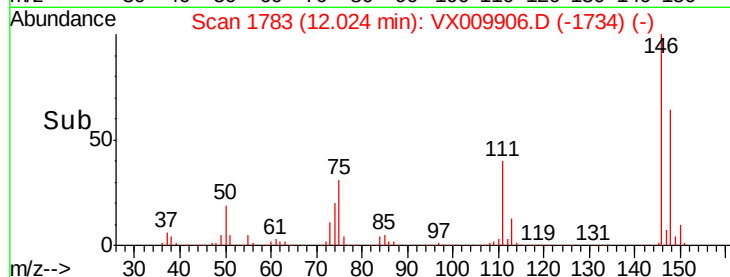
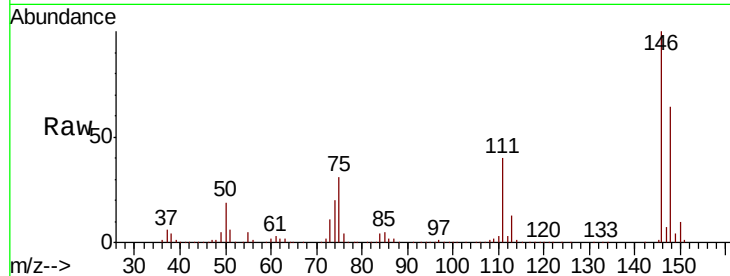




#87
 1,3-Dichlorobenzene
 Concen: 49.638 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

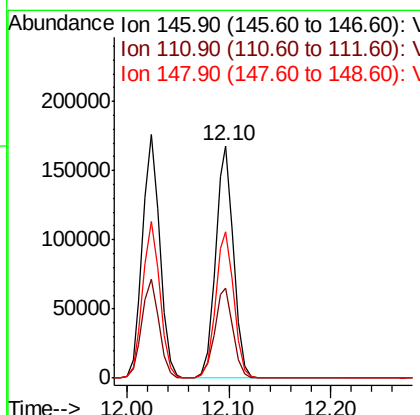
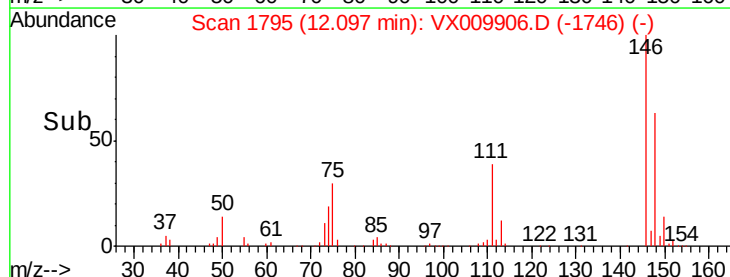
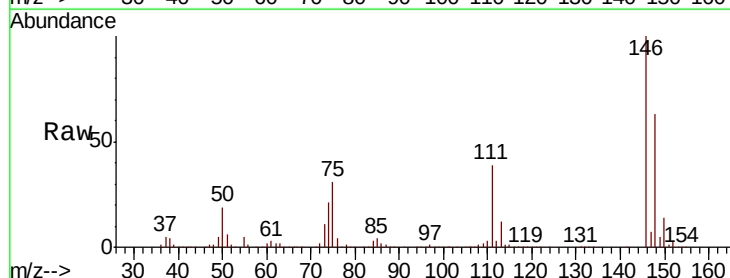
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

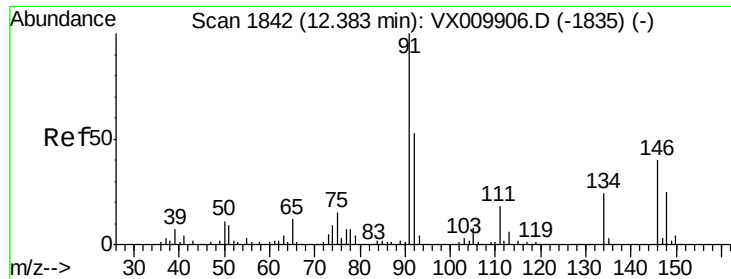
Tot Ion:146 Resp: 206242
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.426 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion:146 Resp: 207144
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 64.6 32.3 96.9

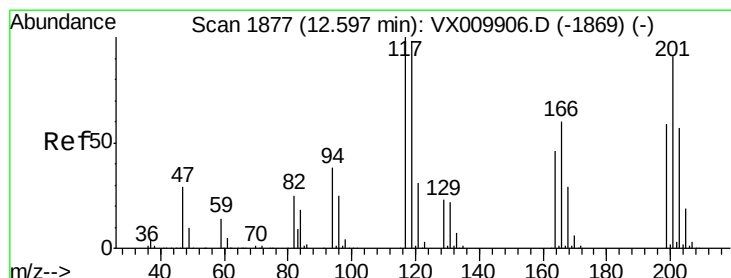
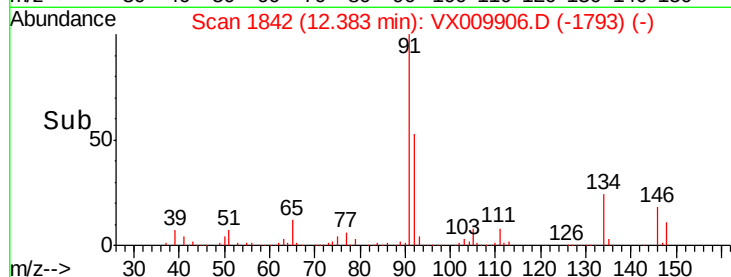
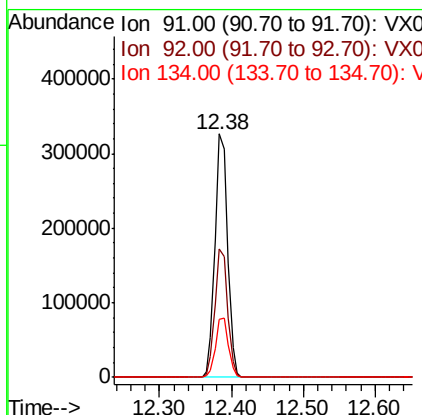
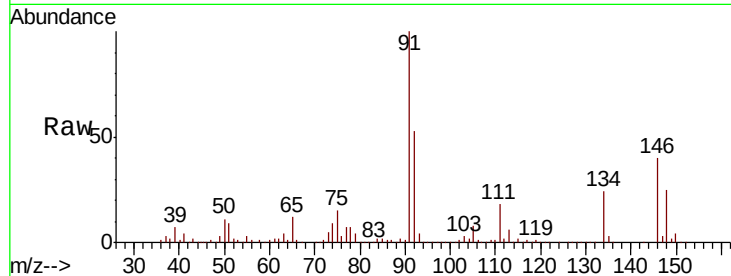




#89
n-Butylbenzene
Concen: 53.127 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

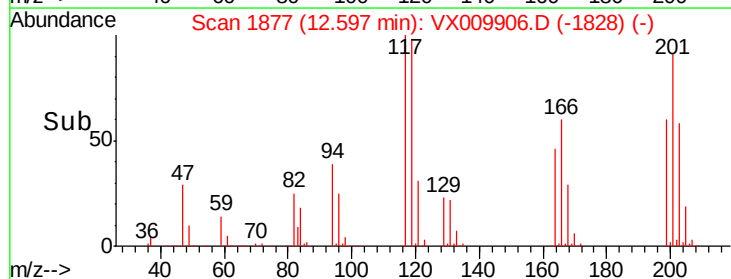
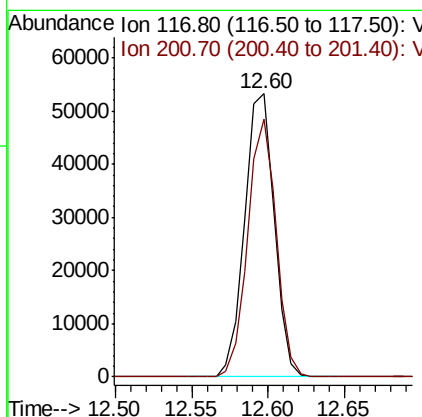
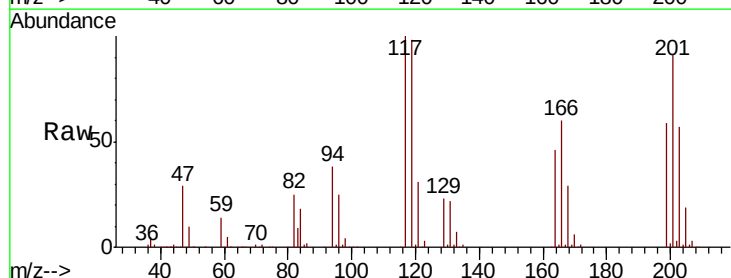
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

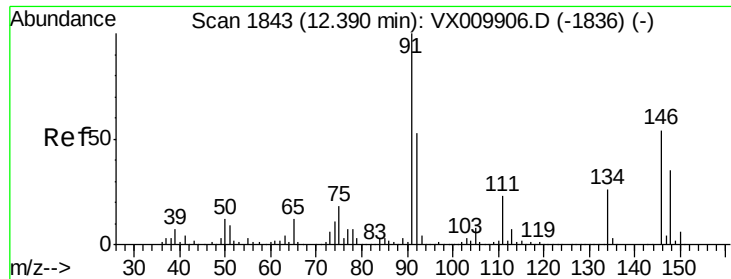
Tot Ion: 91 Resp: 396432
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 51.310 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion: 117 Resp: 71733
Ion Ratio Lower Upper
117 100
201 87.3 43.6 130.9

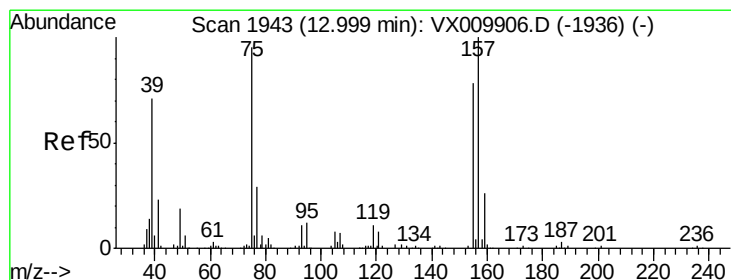
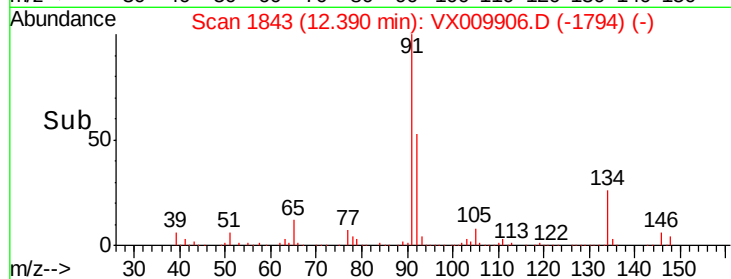
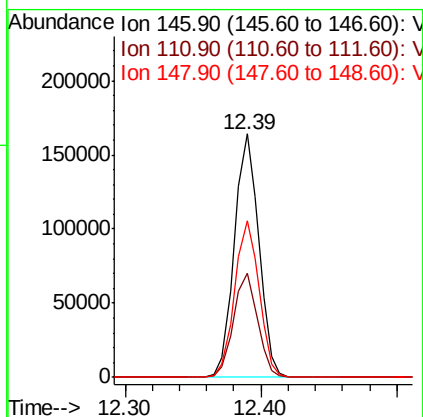
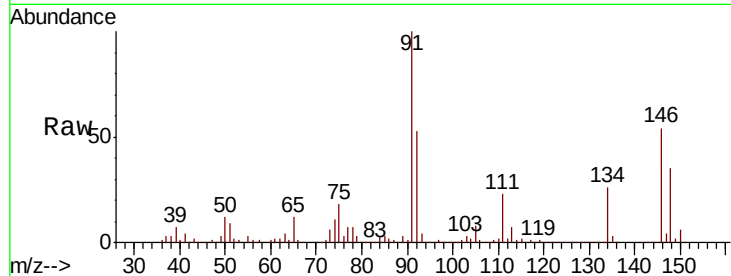




#91
 1,2-Dichlorobenzene
 Concen: 48.612 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

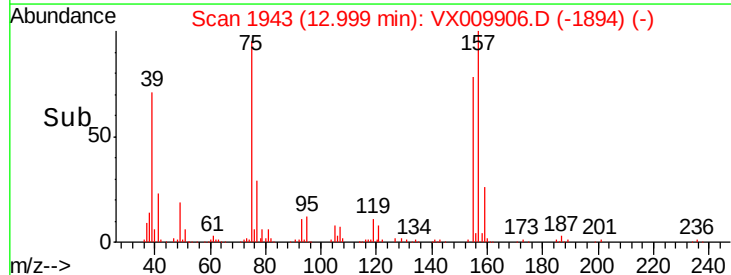
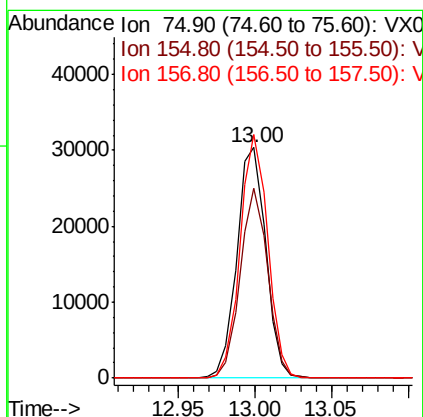
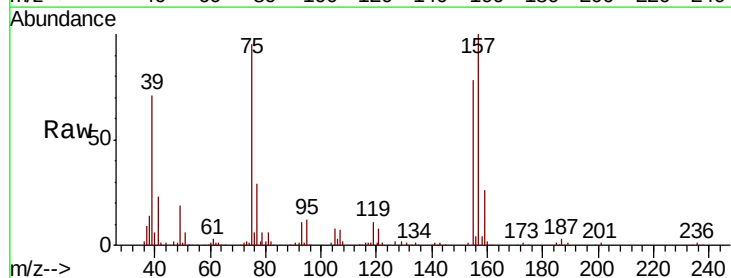
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

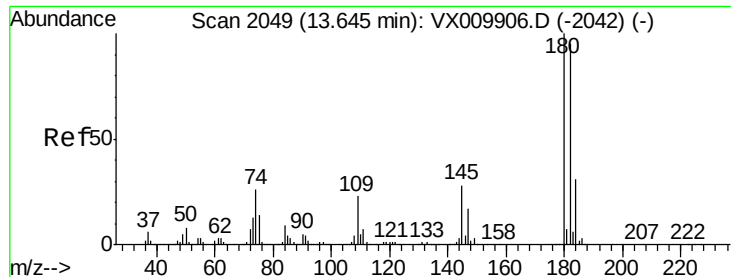
Tot Ion:146 Resp: 205060
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 64.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.791 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion: 75 Resp: 39757
 Ion Ratio Lower Upper
 75 100
 155 78.5 39.3 117.8
 157 101.2 50.6 151.8

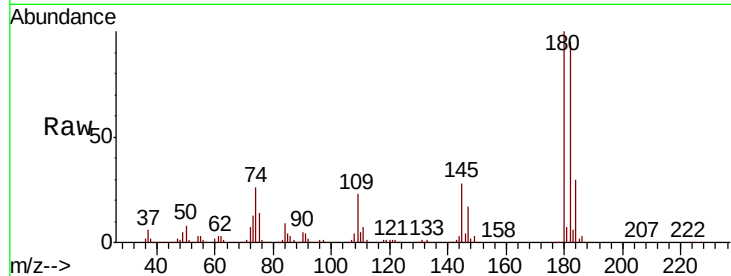




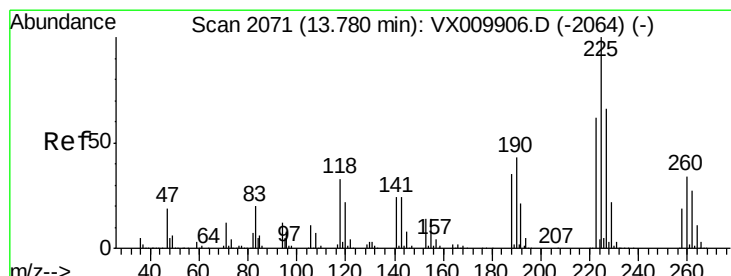
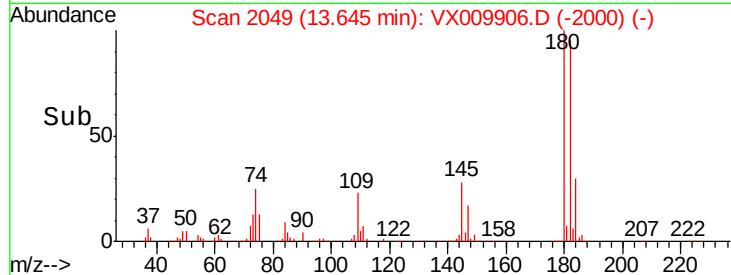
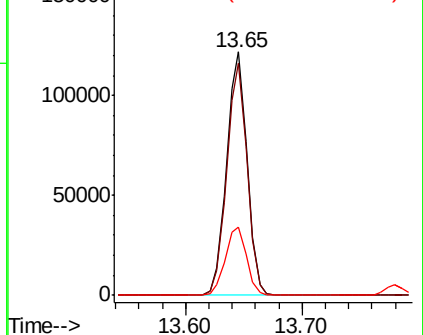
#93
 1,2,4-Trichlorobenzene
 Concen: 51.136 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 147926
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 29.0 14.5 43.5

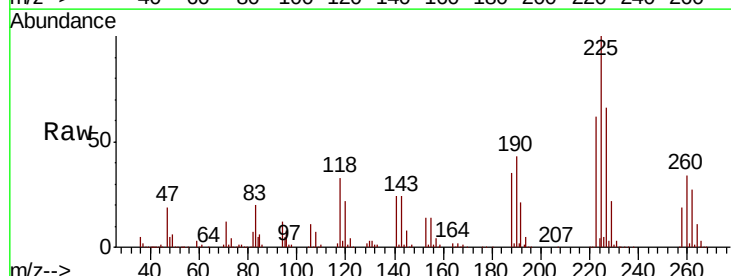


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

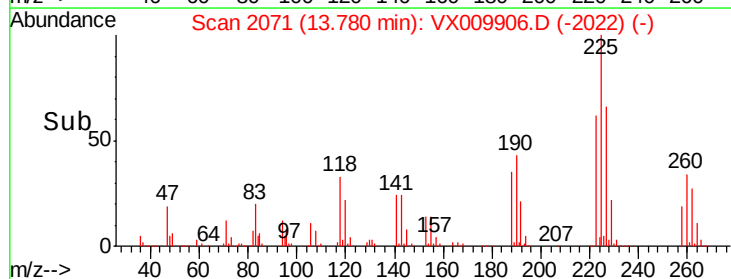
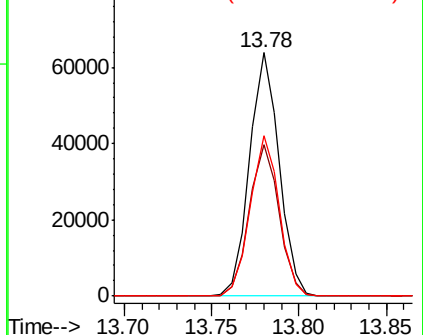


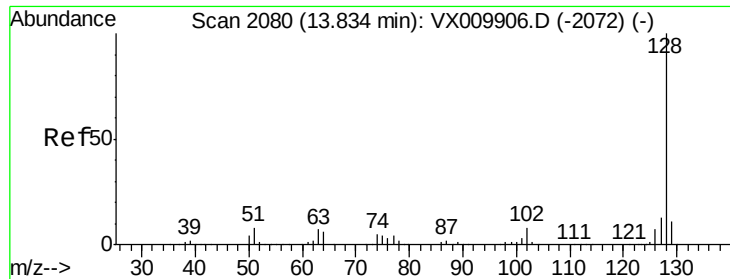
#94
 Hexachlorobutadiene
 Concen: 50.716 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009906.D
 Acq: 28 May 2019 11:07

Tgt Ion:225 Resp: 75106
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 64.5 32.3 96.8



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

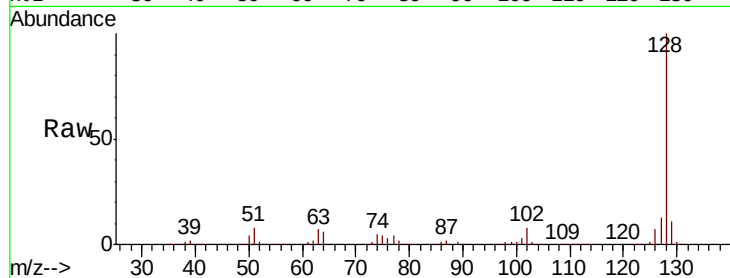




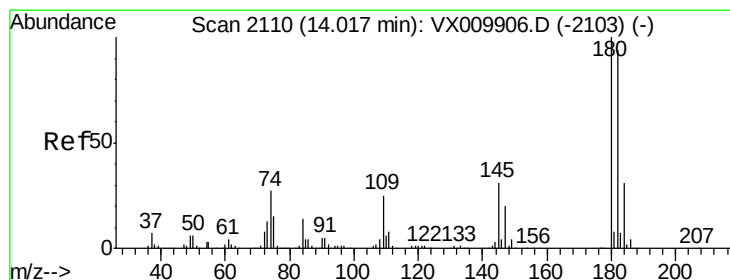
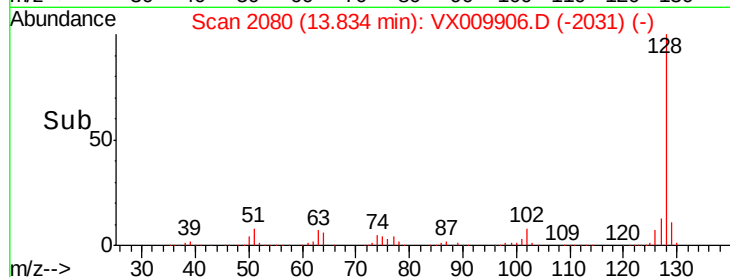
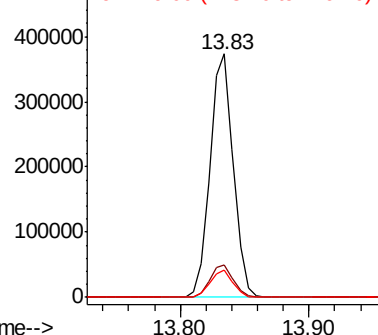
#95
Naphthalene
Concen: 49.813 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 465427
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.8 13.2

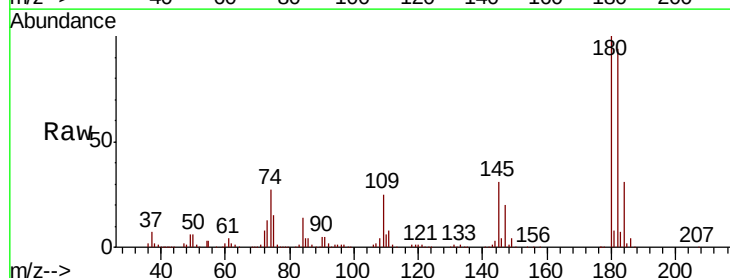


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.004 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009906.D
Acq: 28 May 2019 11:07

Tgt Ion:180 Resp: 146280
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 31.1 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

