

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009949.D
 Acq On : 29 May 2019 18:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 30 01:17:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	157288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	251124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115937	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	5.50	113	83080	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	8.71	98	339676	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	11.13	95	122417	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	110837	57.667	ug/l	98
3) Chloromethane	1.32	50	132878	51.425	ug/l	99
4) Vinyl Chloride	1.41	62	122338	52.521	ug/l	99
5) Bromomethane	1.64	94	66454	47.088	ug/l	98
6) Chloroethane	1.71	64	70993	49.511	ug/l	100
7) Trichlorofluoromethane	1.92	101	133547	51.883	ug/l	97
8) Diethyl Ether	2.19	74	57210	47.297	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78956	50.807	ug/l	100
10) Methyl Iodide	2.51	142	95518	49.671	ug/l	99
11) Tert butyl alcohol	3.06	59	138968	254.152	ug/l	100
12) 1,1-Dichloroethene	2.37	96	80358	50.447	ug/l	99
13) Acrolein	2.29	56	80011	210.113	ug/l	99
14) Allyl chloride	2.73	41	204607	52.849	ug/l	99
15) Acrylonitrile	3.14	53	337815	256.410	ug/l	100
16) Acetone	2.45	43	310339	241.749	ug/l	99
17) Carbon Disulfide	2.57	76	243628	50.507	ug/l	99
18) Methyl Acetate	2.78	43	158553	53.080	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	312197	51.913	ug/l	100
20) Methylene Chloride	2.85	84	98256	49.981	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87275	49.242	ug/l	98
22) Diisopropyl ether	3.85	45	390633	53.029	ug/l	96
23) Vinyl Acetate	3.82	43	1776828	268.501	ug/l	100
24) 1,1-Dichloroethane	3.70	63	184914	51.798	ug/l	100
25) 2-Butanone	4.68	43	521905	260.950	ug/l	99
26) 2,2-Dichloropropane	4.59	77	130999	48.510	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	102120	49.914	ug/l	98
28) Bromochloromethane	5.02	49	93638	50.546	ug/l	99
29) Tetrahydrofuran	5.13	42	340515	265.502	ug/l	99
30) Chloroform	5.21	83	167638	52.069	ug/l	97
31) Cyclohexane	5.58	56	182163	53.876	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	140756	53.683	ug/l	100
36) 1,1-Dichloropropene	5.80	75	129891	50.979	ug/l	100
37) Ethyl Acetate	4.84	43	193522	54.510	ug/l	99
38) Carbon Tetrachloride	5.79	117	115652	52.527	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160772	53.195	ug/l	98
40) Benzene	6.14	78	399144	52.808	ug/l	100
41) Methacrylonitrile	5.04	41	108168	52.141	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144772	51.810	ug/l	100
43) Isopropyl Acetate	6.45	43	301062	52.556	ug/l	99
44) Trichloroethene	7.21	130	91432	49.801	ug/l	99
45) 1,2-Dichloropropane	7.51	63	114171	52.473	ug/l	100
46) Dibromomethane	7.66	93	64209	50.135	ug/l	99
47) Bromodichloromethane	7.90	83	129802	53.297	ug/l	99
48) Methyl methacrylate	7.77	41	156331	55.128	ug/l	99
49) 1,4-Dioxane	7.74	88	52102	987.745	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1005692	269.880	ug/l	100
52) Toluene	8.78	92	241597	52.645	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	153274	52.476	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	166709	52.384	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	96044	51.998	ug/l	97
56) Ethyl methacrylate	9.18	69	181667	55.245	ug/l	98
57) 1,3-Dichloropropane	9.37	76	174510	52.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	455474	264.144	ug/l	99
59) 2-Hexanone	9.49	43	768468	267.852	ug/l	100
60) Dibromochloromethane	9.58	129	97352	53.580	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100083	52.742	ug/l	100
64) Tetrachloroethene	9.34	164	82113	51.019	ug/l	96
65) Chlorobenzene	10.14	112	246977	51.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89564	53.532	ug/l	99
67) Ethyl Benzene	10.25	91	458164	52.898	ug/l	98
68) m/p-Xylenes	10.36	106	335795	104.943	ug/l	100
69) o-Xylene	10.69	106	163685	53.340	ug/l	100
70) Styrene	10.71	104	288940	53.696	ug/l	100
71) Bromoform	10.85	173	74508	54.480	ug/l	100
73) Isopropylbenzene	11.02	105	438108	53.165	ug/l	100
74) N-amyl acetate	10.90	43	272740	55.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160598	52.239	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	193038	72.278	ug/l	81
77) Bromobenzene	11.26	156	108005	51.430	ug/l	99
78) n-propylbenzene	11.36	91	511805	53.883	ug/l	99
79) 2-Chlorotoluene	11.42	91	299666	51.637	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	366442	52.784	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55496	51.410	ug/l	98
82) 4-Chlorotoluene	11.51	91	351032	51.961	ug/l	99
83) tert-Butylbenzene	11.77	119	359861	54.181	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	370826	52.597	ug/l	99
85) sec-Butylbenzene	11.94	105	425295	53.824	ug/l	100
86) p-Isopropyltoluene	12.06	119	386303	54.354	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190465	50.943	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	188763	49.505	ug/l	99
89) n-Butylbenzene	12.38	91	358251	53.636	ug/l	100
90) Hexachloroethane	12.59	117	66797	54.766	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	189107	51.302	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36214	50.044	ug/l	96

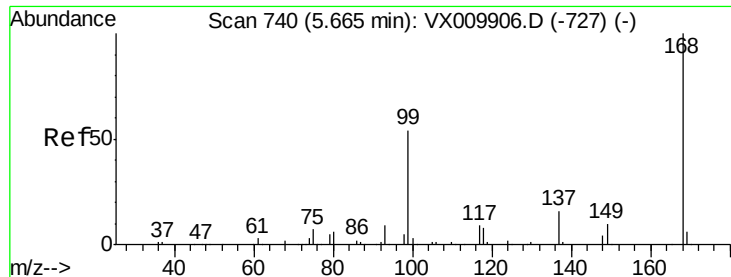
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052919\
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	134024	50.878	ug/l	99
94) Hexachlorobutadiene	13.78	225	68046	51.501	ug/l	100
95) Naphthalene	13.83	128	429515	52.396	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134026	50.829	ug/l	99

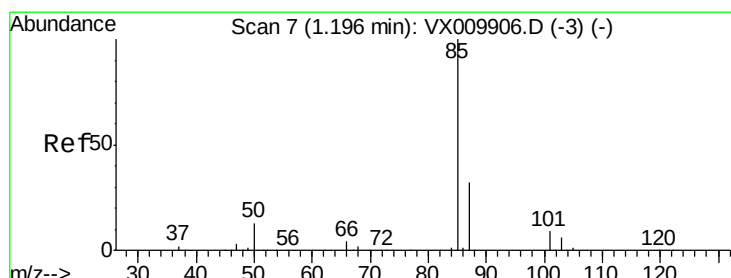
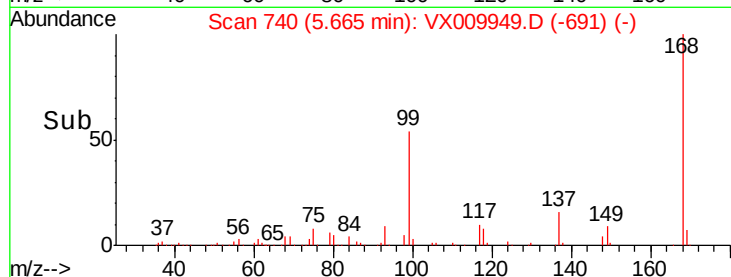
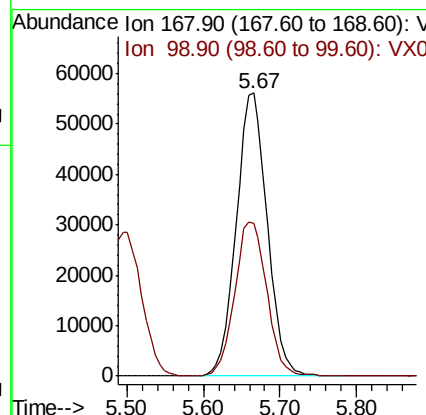
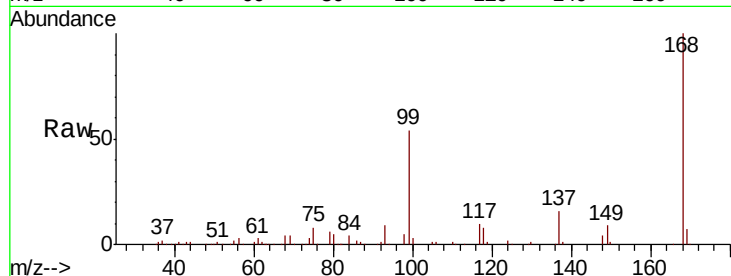
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

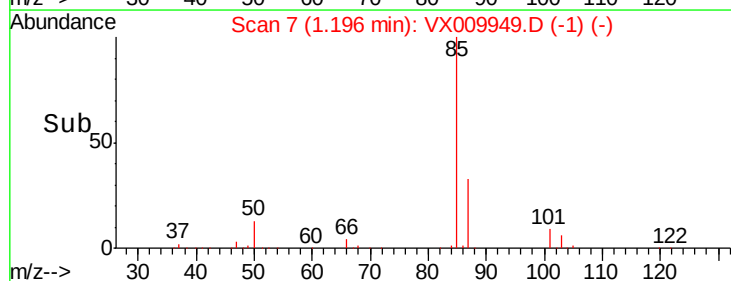
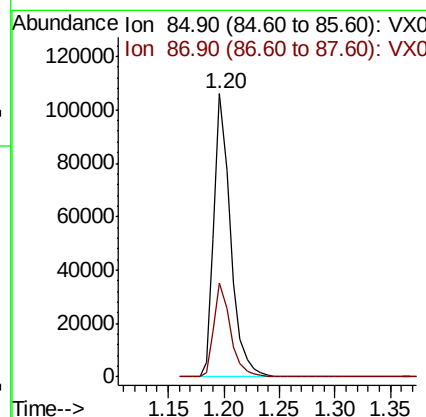
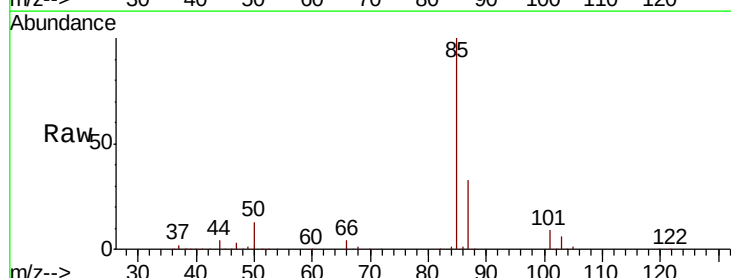
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

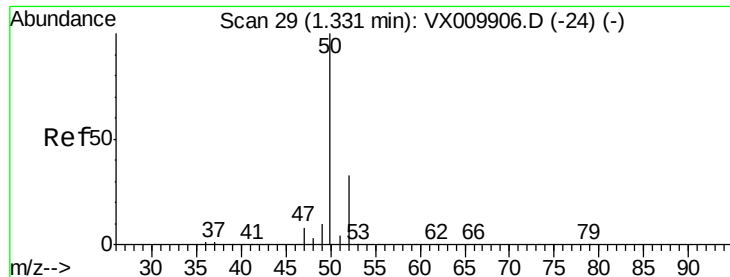
Tot Ion:168 Resp: 157288
Ion Ratio Lower Upper
168 100
99 53.6 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 57.667 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion: 85 Resp: 110837
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2





#3

Chloromethane

Concen: 51.425 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

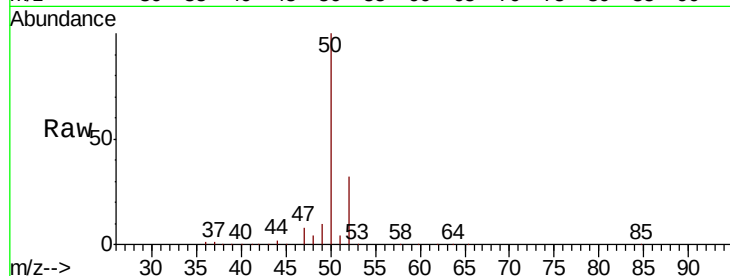
VSTDCCC050EC

Tot Ion: 50 Resp: 132878

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

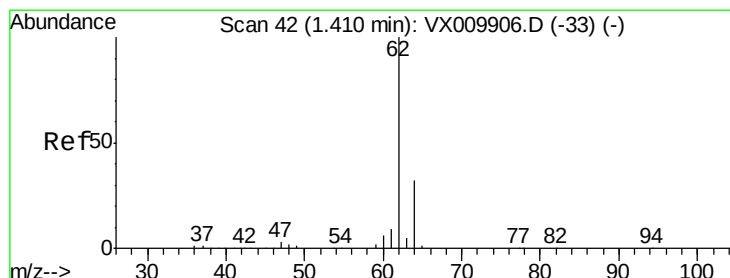
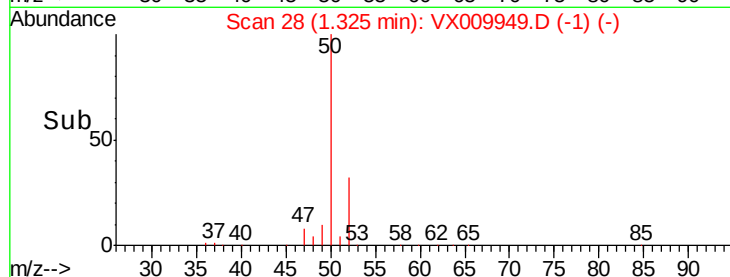
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.521 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009949.D

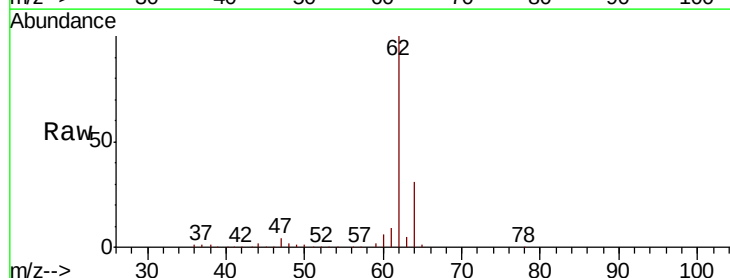
Acq: 29 May 2019 18:47

Tgt Ion: 62 Resp: 122338

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

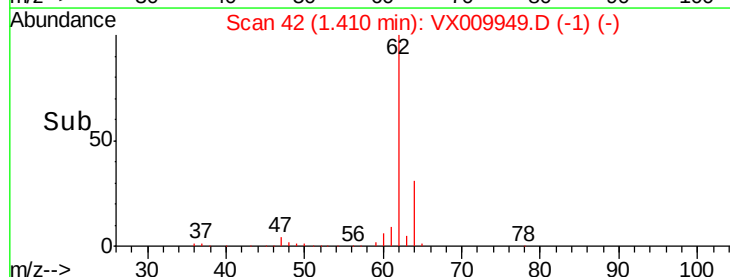
1.41

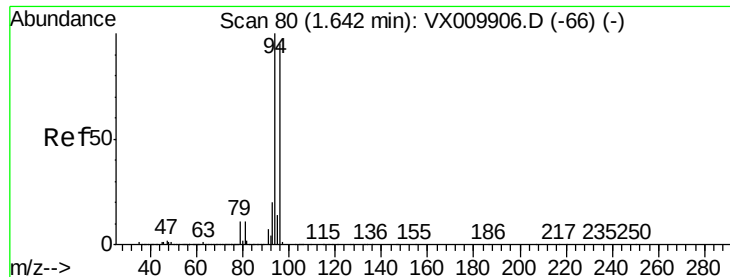
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.088 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

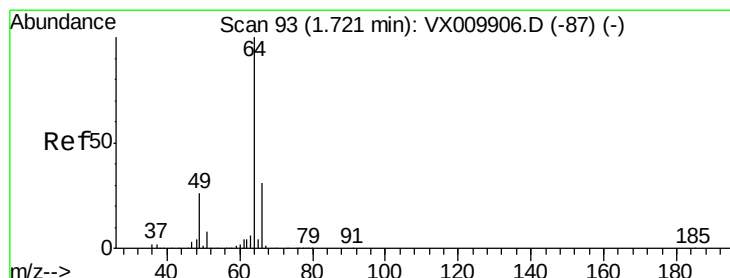
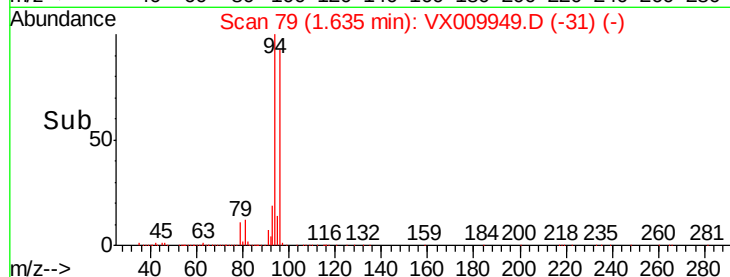
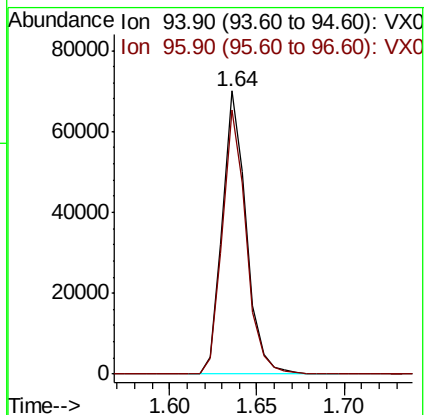
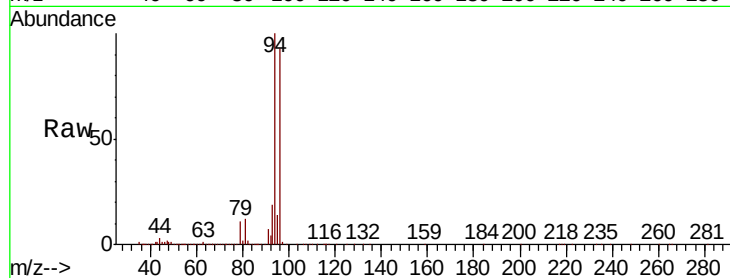
VSTDCCC050EC

Tot Ion: 94 Resp: 66454

Ion Ratio Lower Upper

94 100

96 93.3 76.2 114.4



#6

Chloroethane

Concen: 49.511 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009949.D

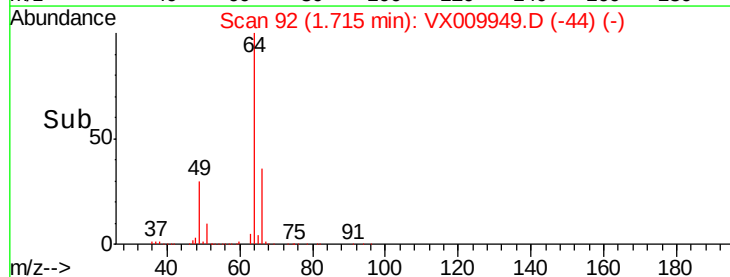
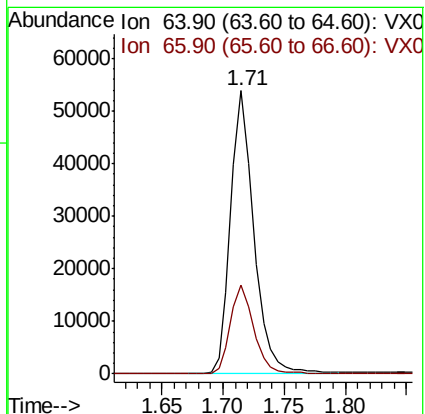
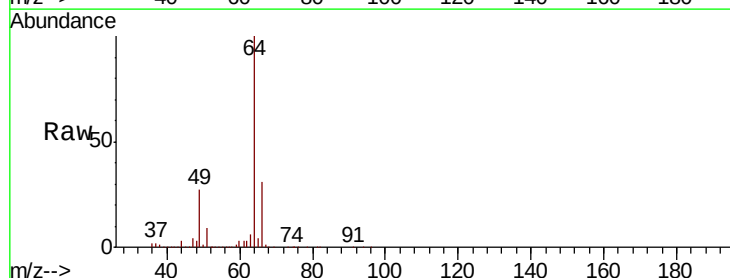
Acq: 29 May 2019 18:47

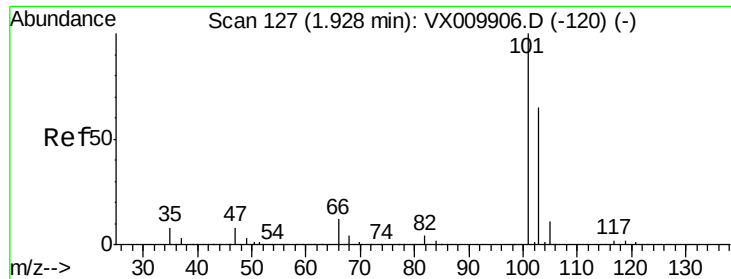
Tgt Ion: 64 Resp: 70993

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



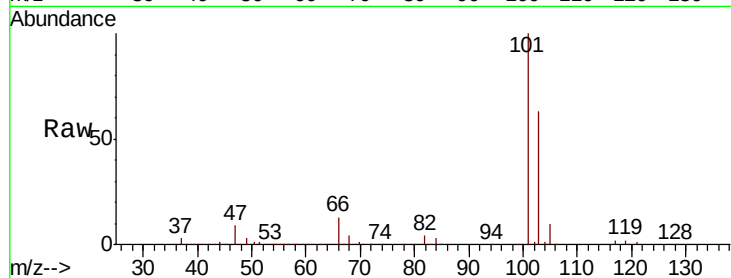


#7

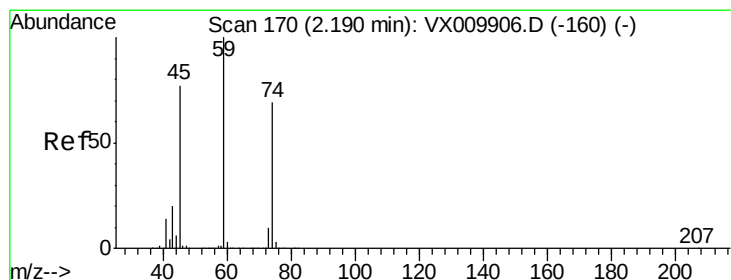
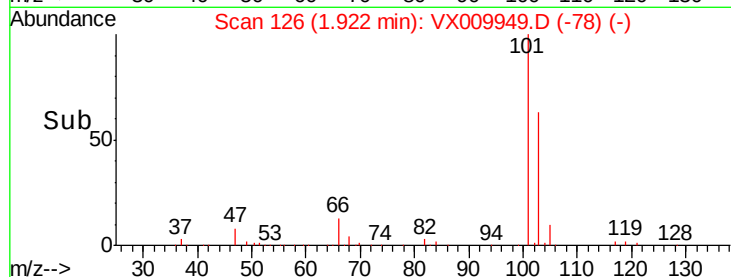
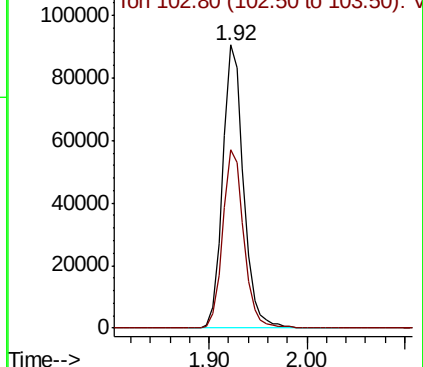
Trichlorofluoromethane
 Concen: 51.883 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 133547
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.2 78.4



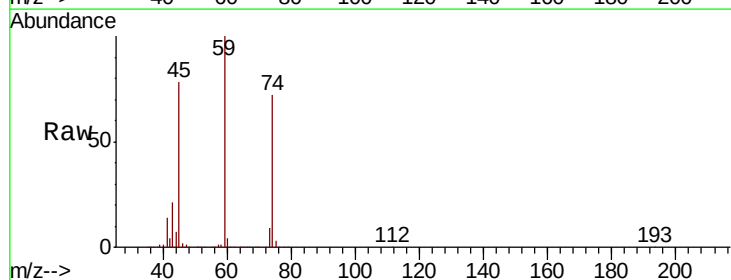
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



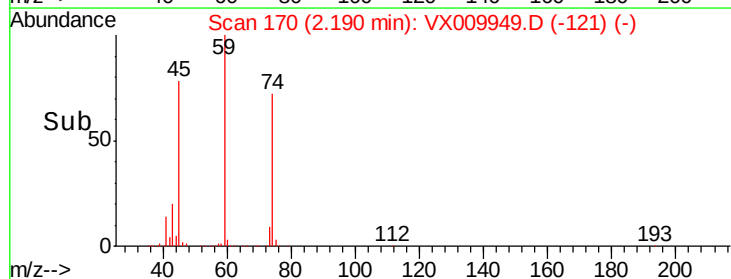
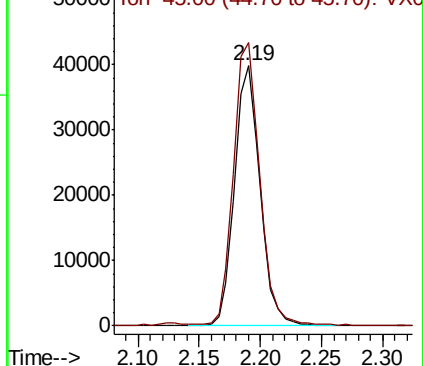
#8

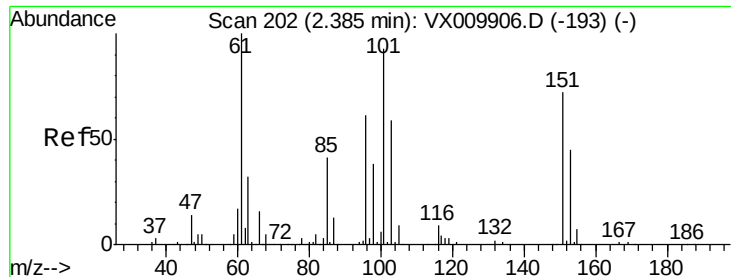
Diethyl Ether
 Concen: 47.297 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Tgt Ion: 74 Resp: 57210
 Ion Ratio Lower Upper
 74 100
 45 112.1 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.807 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

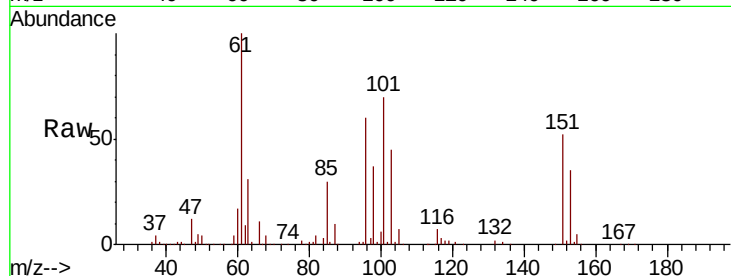
Tot Ion:101 Resp: 78956

Ion Ratio Lower Upper

101 100

85 44.5 35.2 52.8

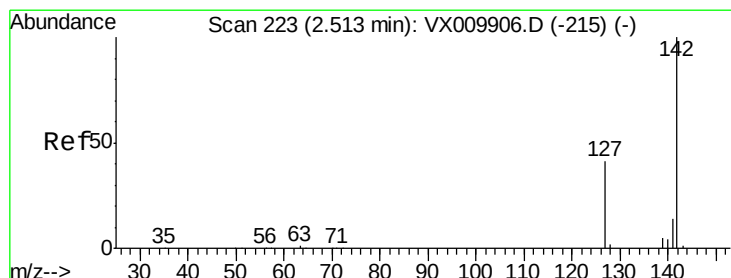
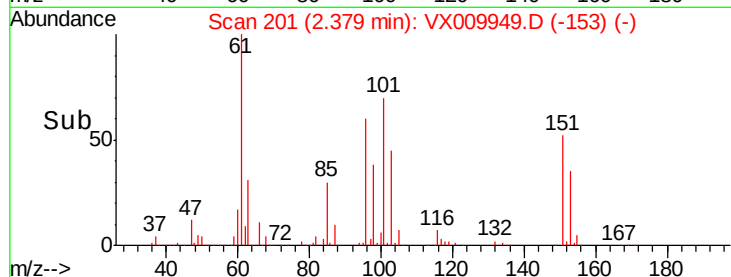
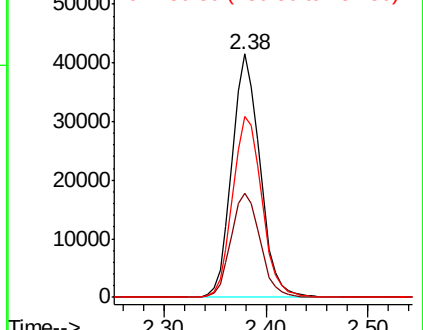
151 77.4 61.9 92.9



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: 49.671 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

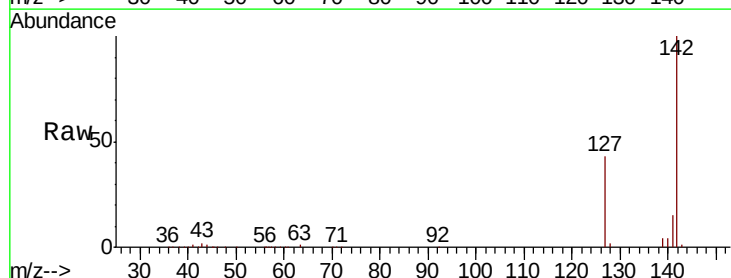
Tgt Ion:142 Resp: 95518

Ion Ratio Lower Upper

142 100

127 41.6 33.0 49.4

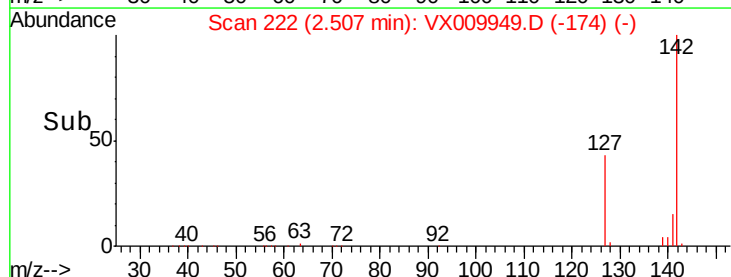
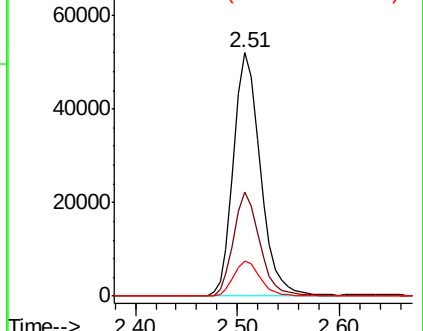
141 14.5 11.4 17.0

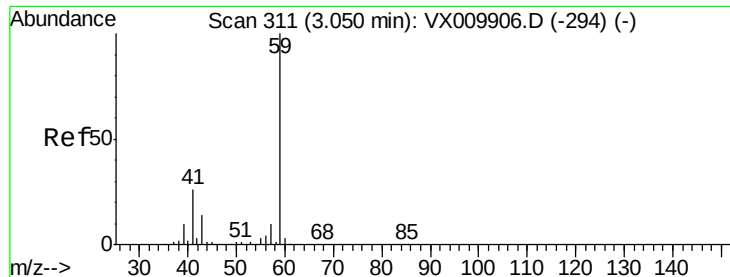


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



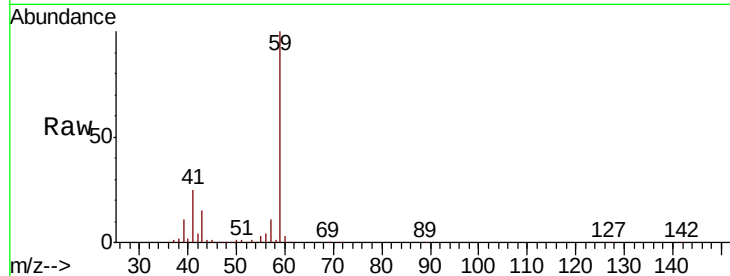


#11

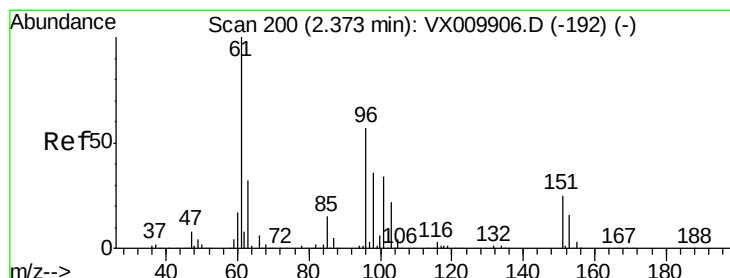
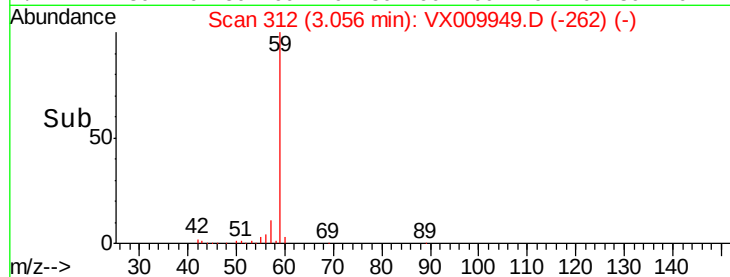
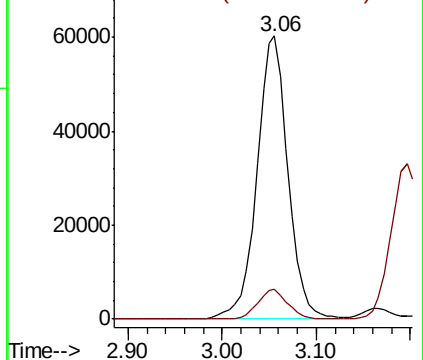
Tert butyl alcohol
 Concen: 254.152 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 138968
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2



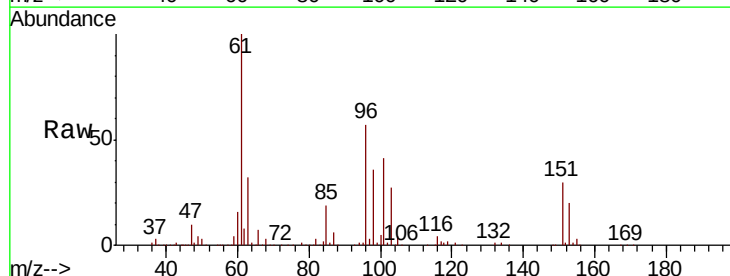
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



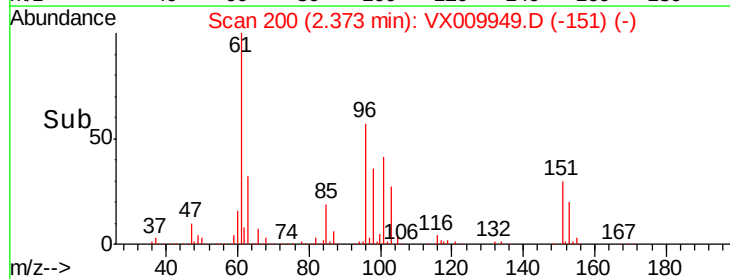
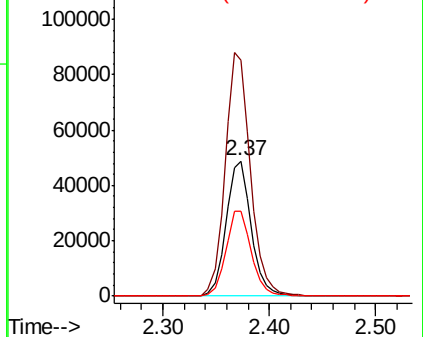
#12

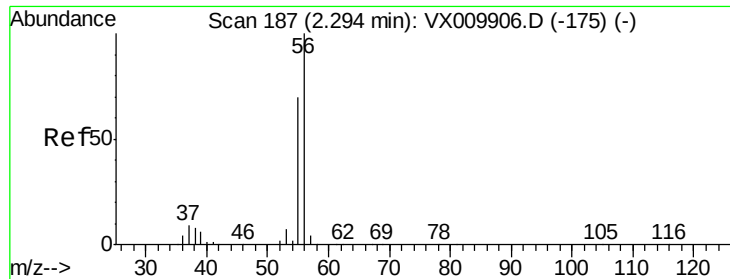
1,1-Dichloroethene
 Concen: 50.447 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Tgt Ion: 96 Resp: 80358
 Ion Ratio Lower Upper
 96 100
 61 174.4 140.7 211.1
 98 62.9 50.1 75.1



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





#13

Acrolein

Concen: 210.113 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

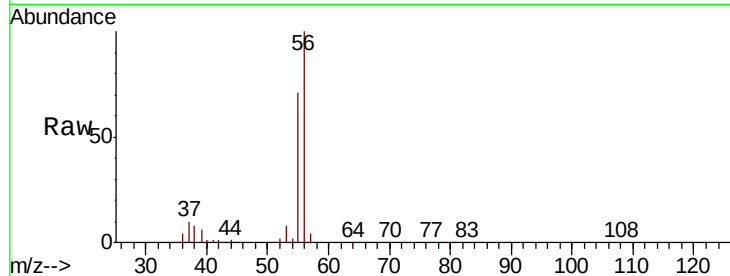
VSTDCCC050EC

Tot Ion: 56 Resp: 80011

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

30000

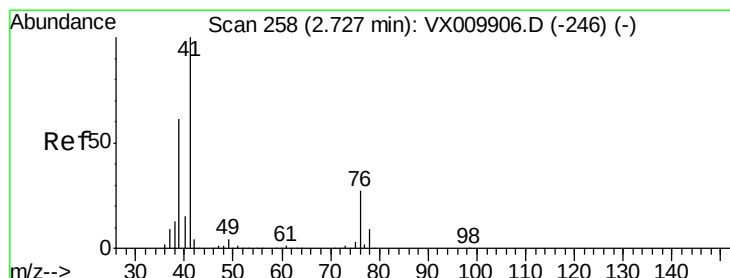
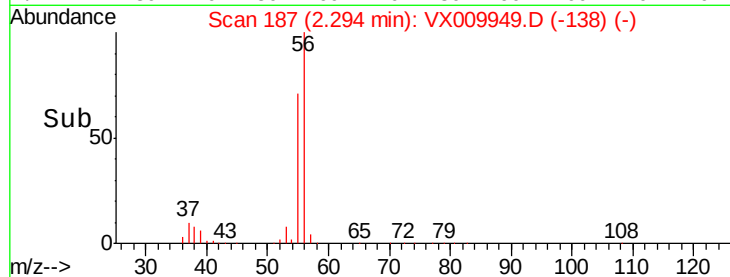
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 52.849 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

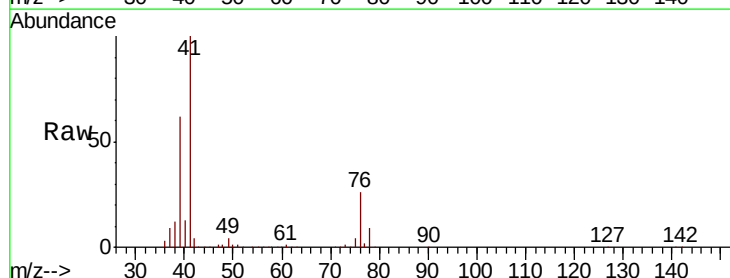
Tgt Ion: 41 Resp: 204607

Ion Ratio Lower Upper

41 100

39 58.6 46.7 70.1

76 25.5 21.0 31.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

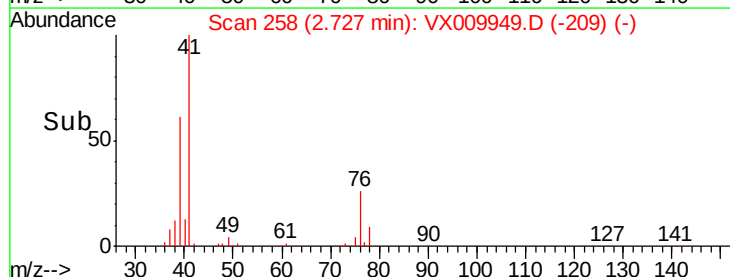
100000

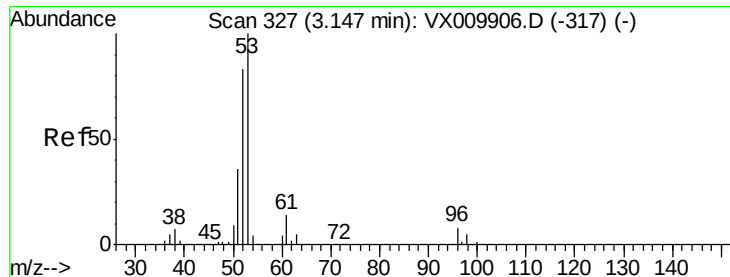
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 256.410 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

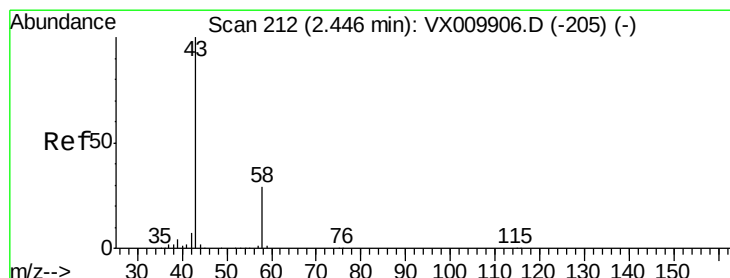
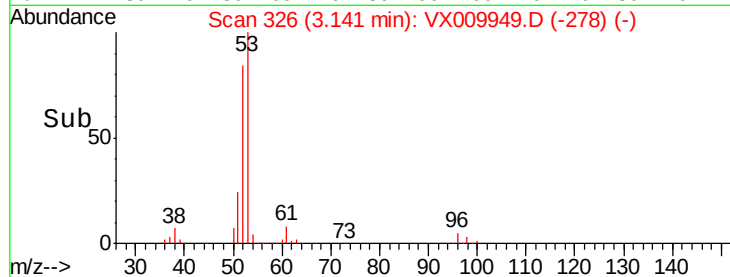
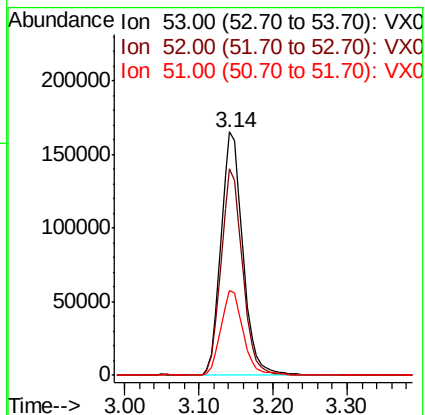
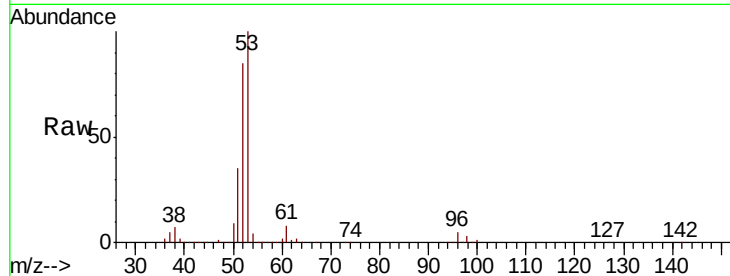
Tot Ion: 53 Resp: 337815

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

51 35.7 28.8 43.2



#16

Acetone

Concen: 241.749 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009949.D

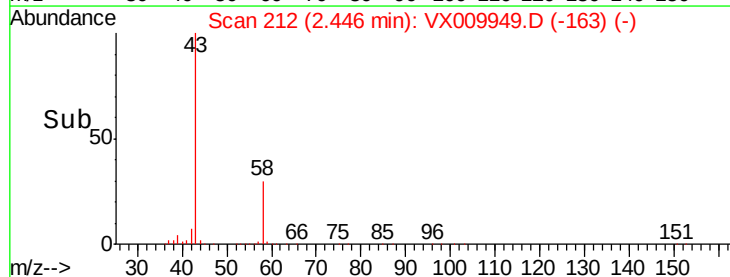
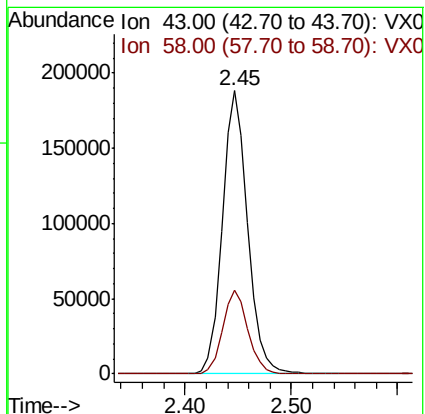
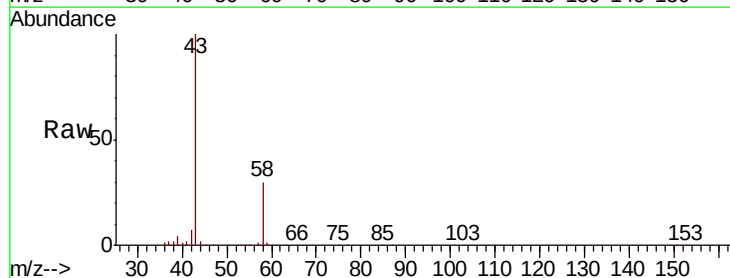
Acq: 29 May 2019 18:47

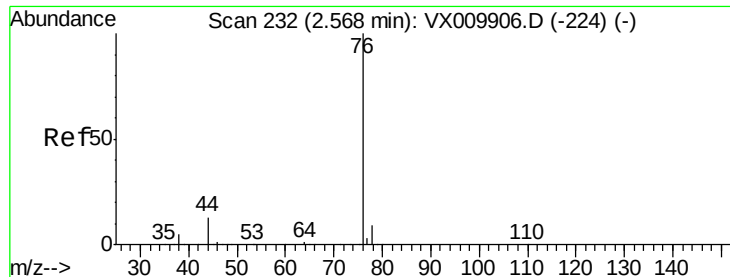
Tgt Ion: 43 Resp: 310339

Ion Ratio Lower Upper

43 100

58 29.7 23.2 34.8

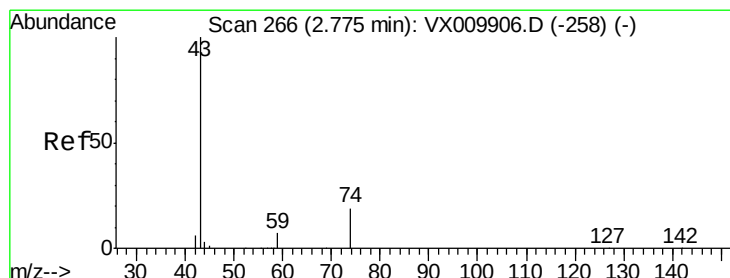
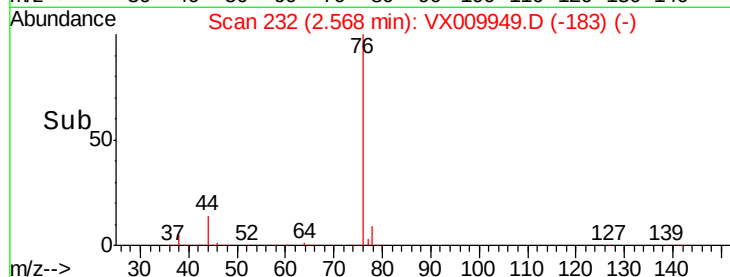
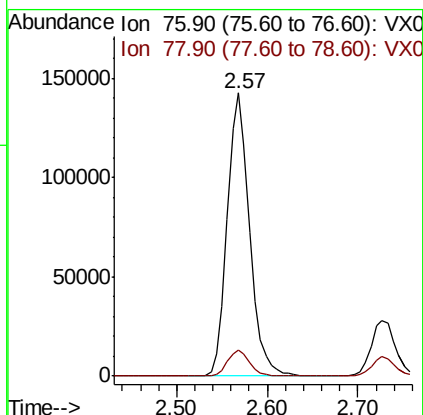
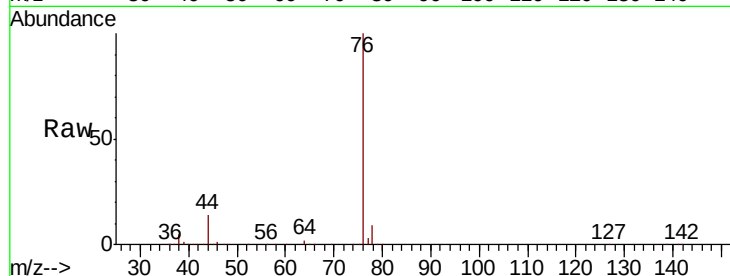




#17
Carbon Disulfide
Concen: 50.507 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

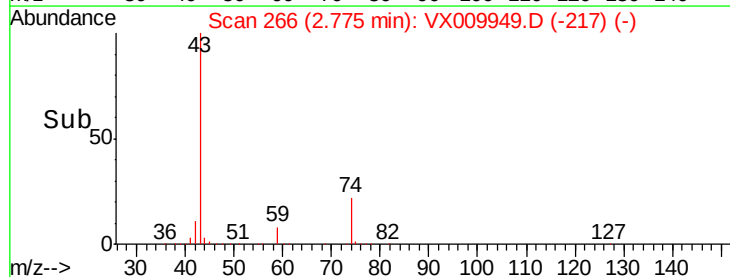
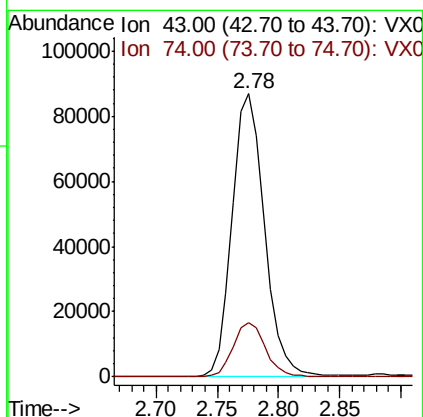
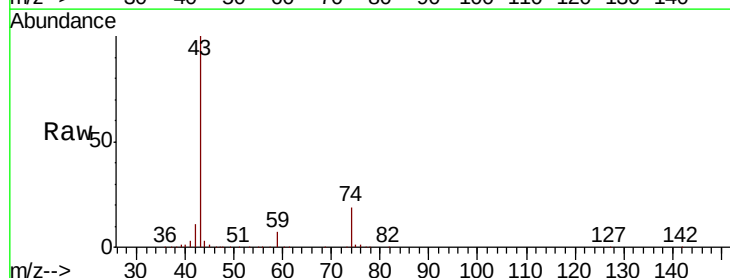
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

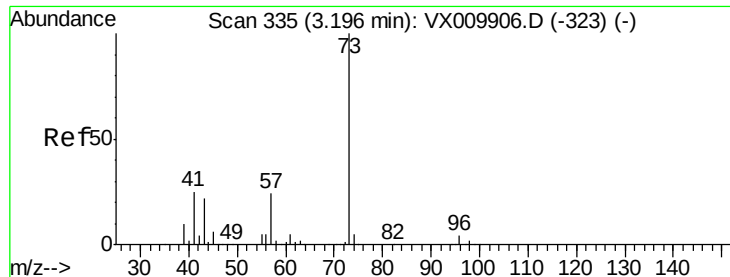
Tot Ion: 76 Resp: 243628
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 53.080 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion: 43 Resp: 158553
Ion Ratio Lower Upper
43 100
74 19.5 15.8 23.6

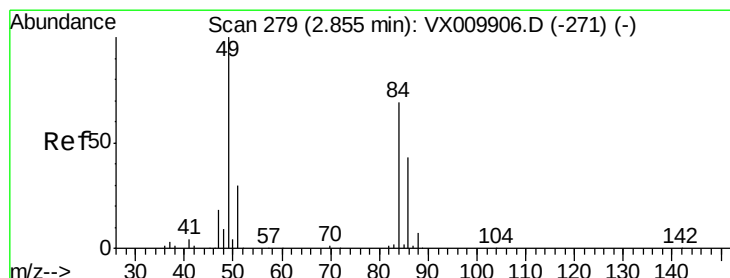
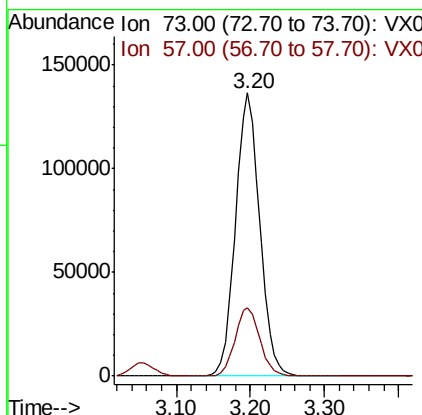
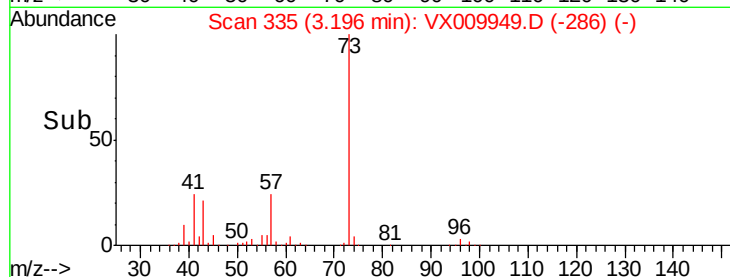
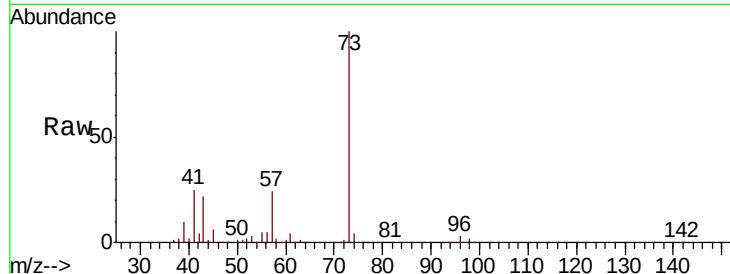




#19
Methvl tert-butvl Ether
Concen: 51.913 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

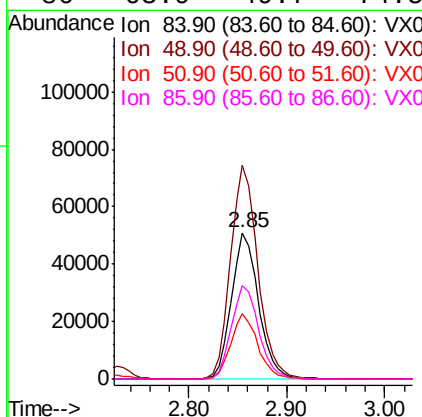
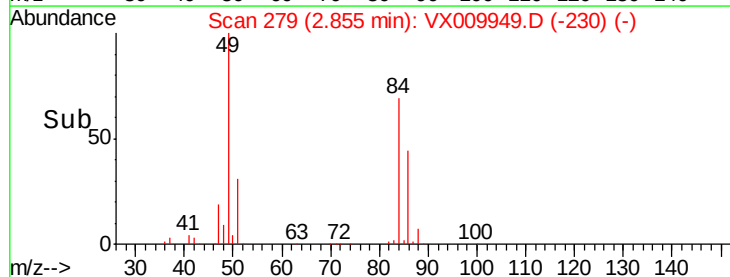
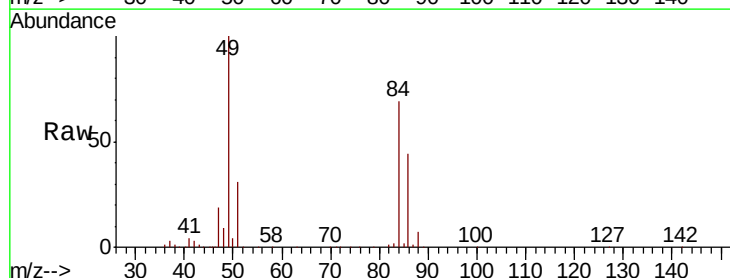
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

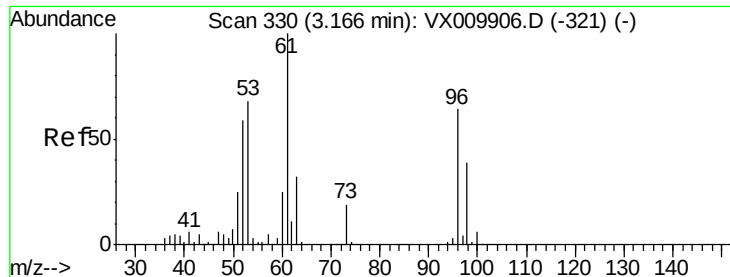
Tot Ion: 73 Resp: 312197
Ion Ratio Lower Upper
73 100
57 24.3 19.4 29.2



#20
Methylene Chloride
Concen: 49.981 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion: 84 Resp: 98256
Ion Ratio Lower Upper
84 100
49 145.6 115.8 173.6
51 45.0 34.4 51.6
86 63.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 49.242 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

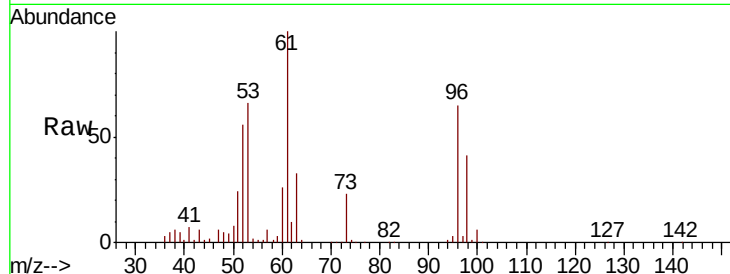
Tot Ion: 96 Resp: 87275

Ion Ratio Lower Upper

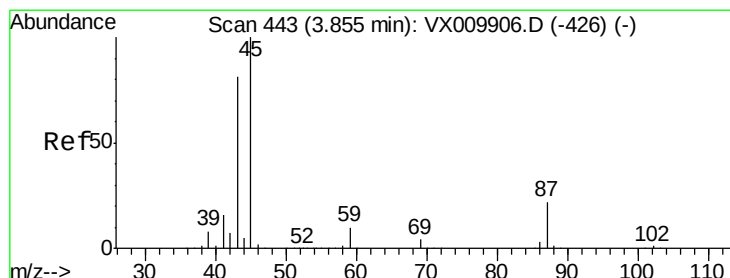
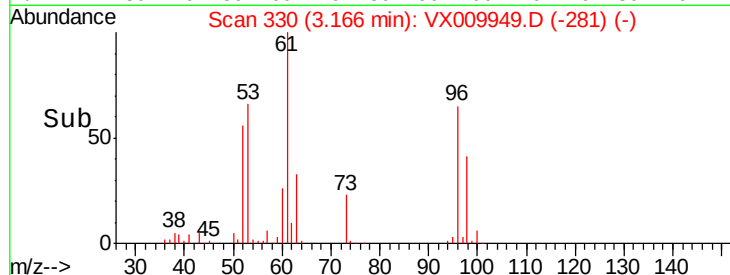
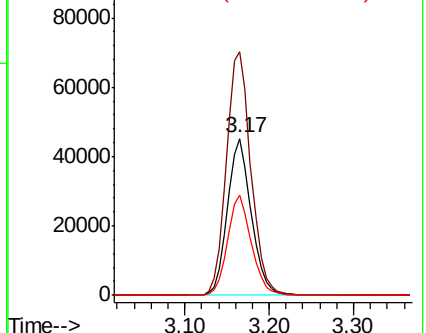
96 100

61 154.9 125.7 188.5

98 63.7 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: 53.029 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Tgt Ion: 45 Resp: 390633

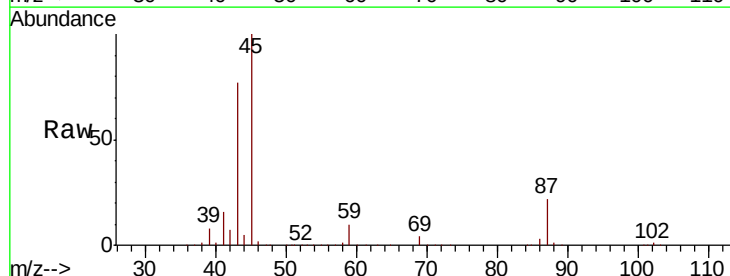
Ion Ratio Lower Upper

45 100

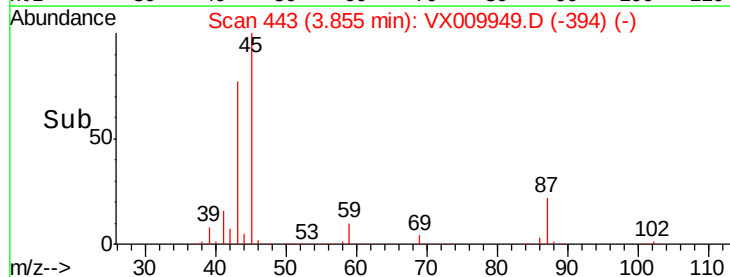
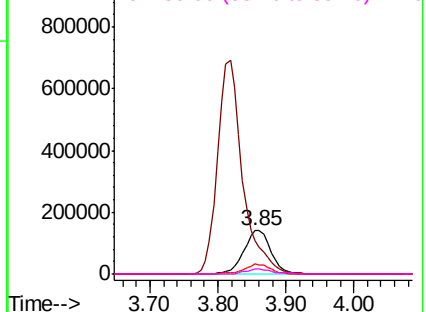
43 77.0 65.0 97.4

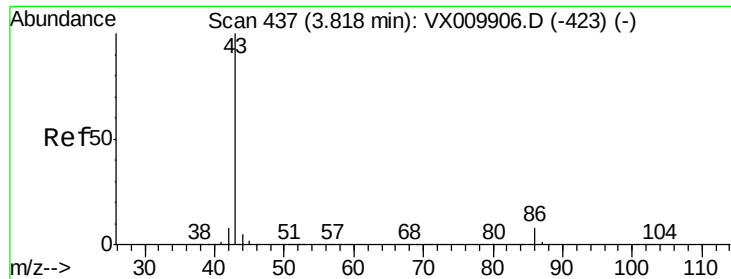
87 22.2 17.3 25.9

59 10.4 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: 268.501 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

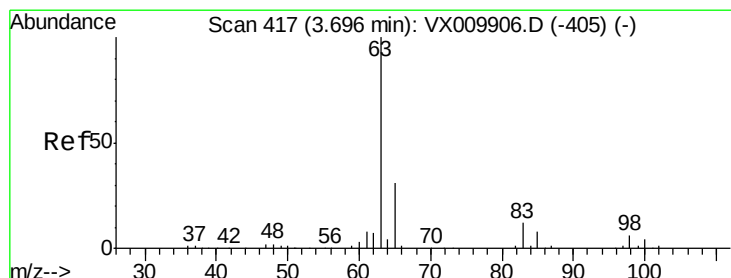
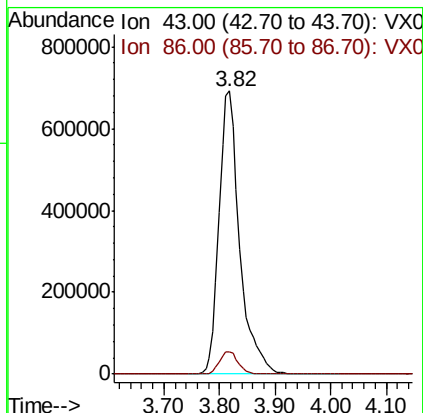
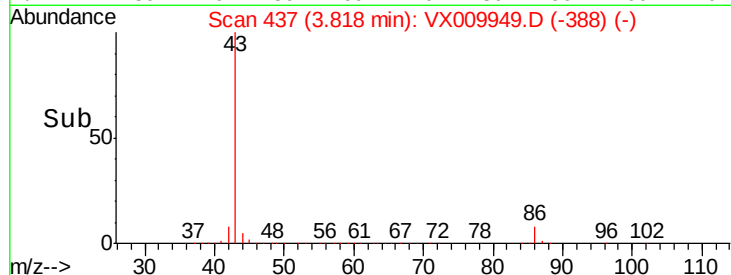
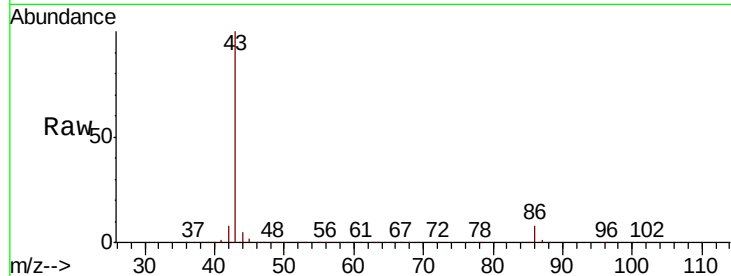
VSTDCCC050EC

Tot Ion: 43 Resp: 1776828

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



#24

1,1-Dichloroethane

Concen: 51.798 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

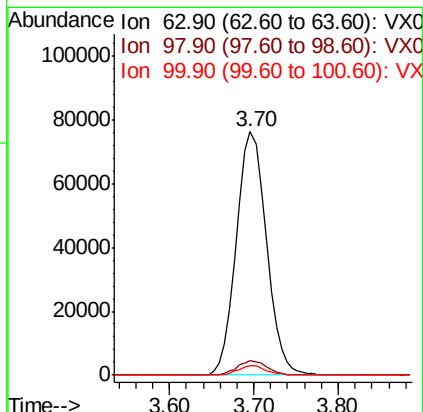
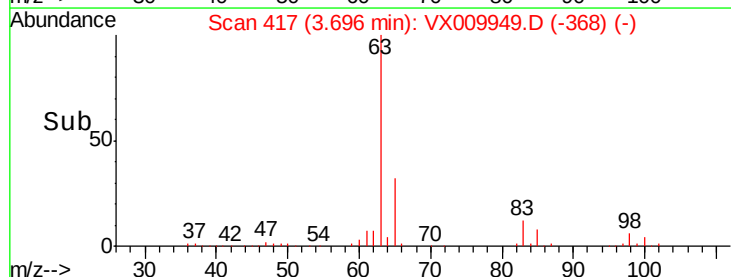
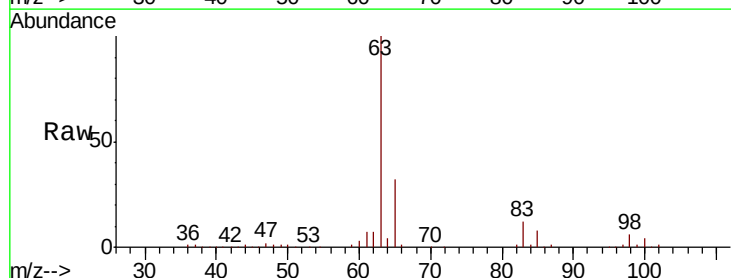
Tgt Ion: 63 Resp: 184914

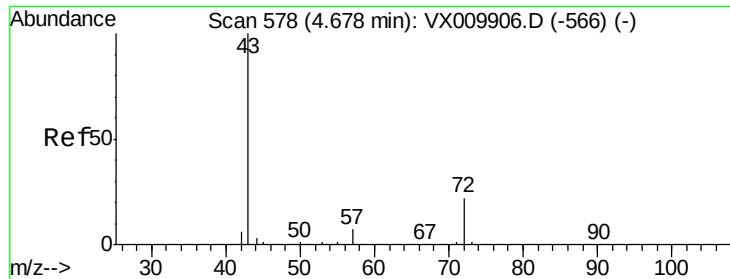
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.9 1.8 5.4





#25

2-Butanone

Concen: 260.950 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

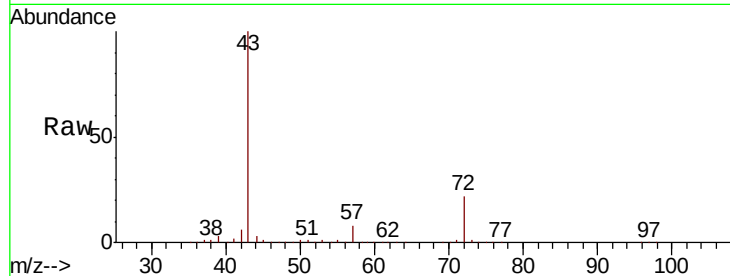
VSTDCCC050EC

Tot Ion: 43 Resp: 521905

Ion Ratio Lower Upper

43 100

72 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

200000

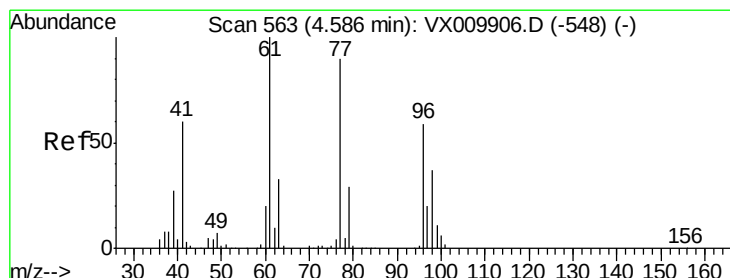
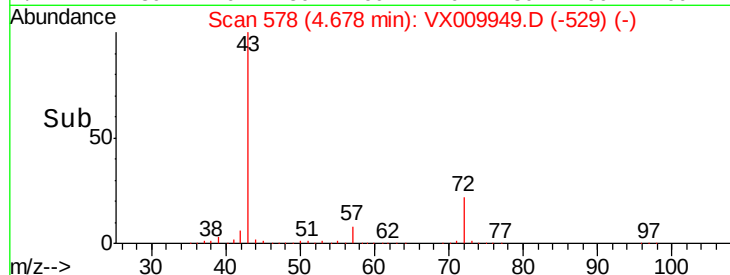
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 48.510 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX009949.D

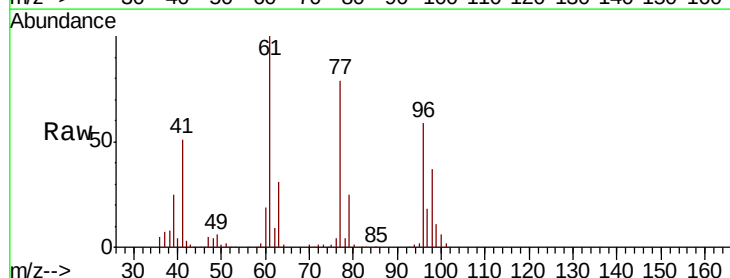
Acq: 29 May 2019 18:47

Tgt Ion: 77 Resp: 130999

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

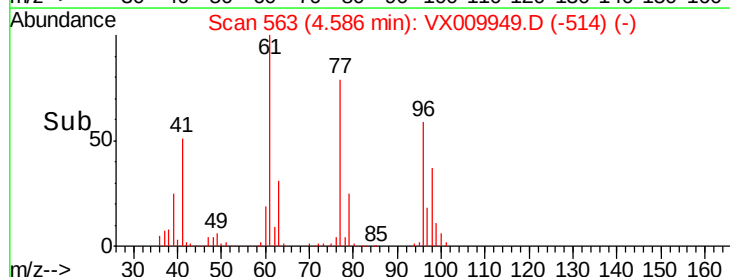
30000

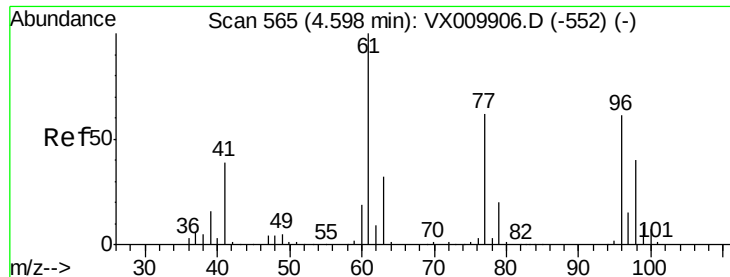
20000

10000

0

Time-->



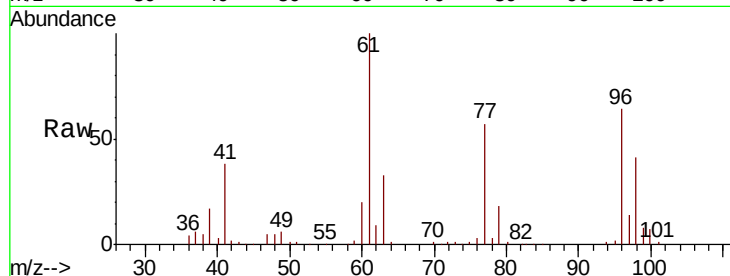


#27

cis-1,2-Dichloroethene
 Concen: 49.914 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	96	Resp	102120
Ion	Ratio	Lower	Upper
96	100		
61	164.2	0.0	334.0
98	64.3	0.0	131.6

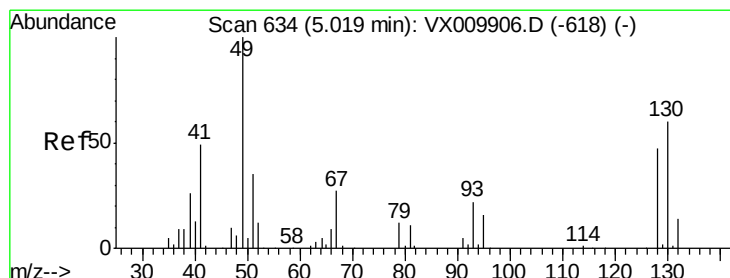
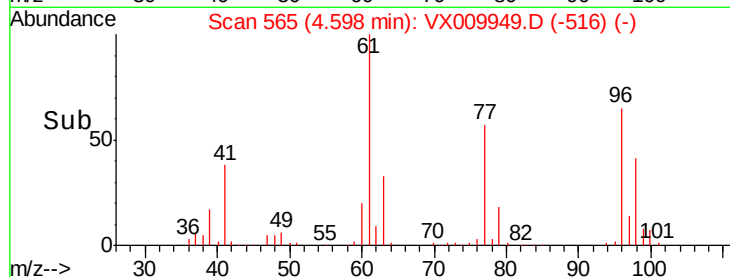
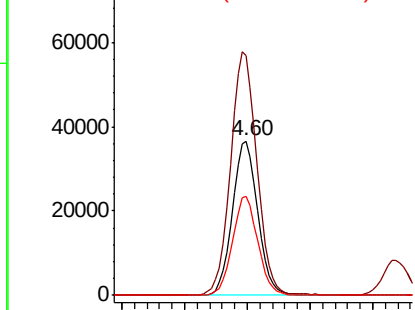


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

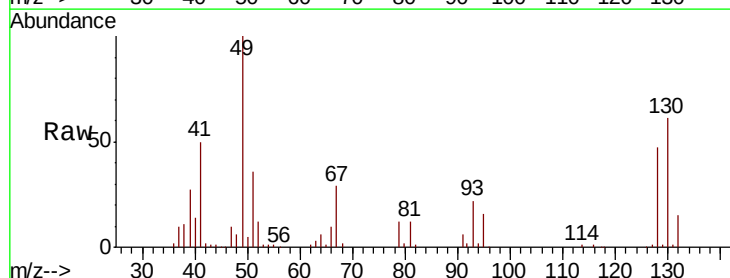
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 50.546 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Tgt Ion	49	Resp	93638
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	60.9	49.4	74.2

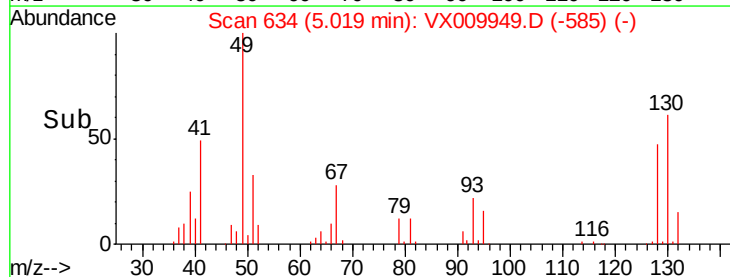
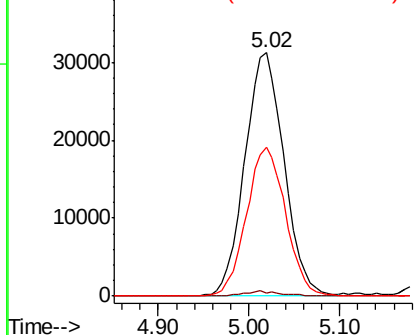


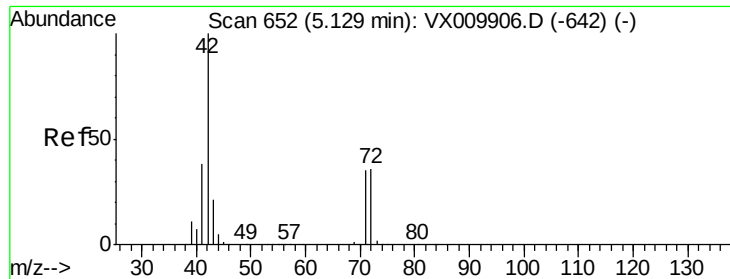
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

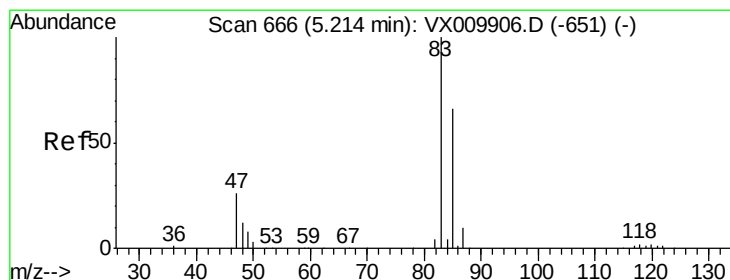
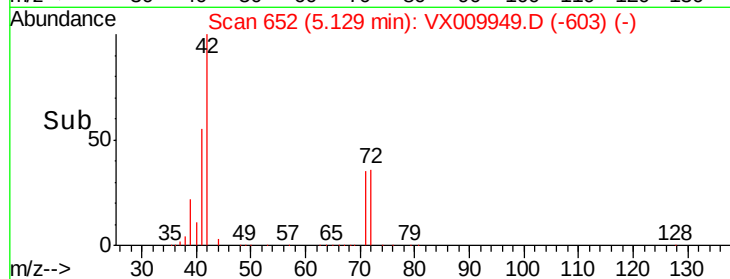
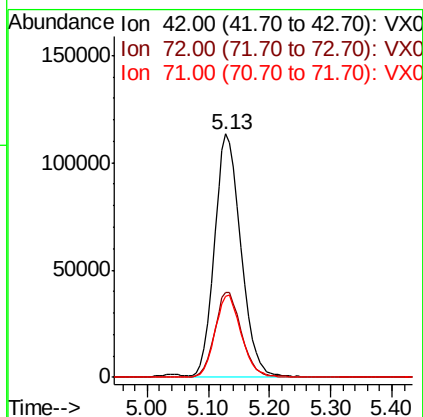
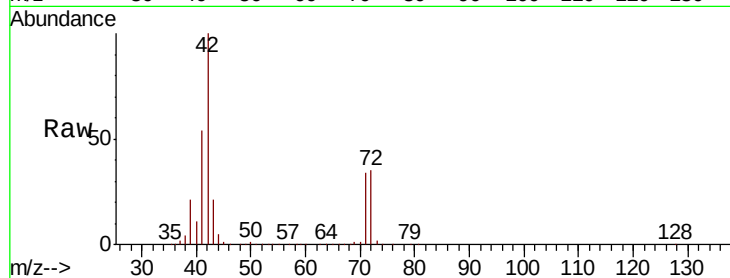




#29
Tetrahydrofuran
Concen: 265.502 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

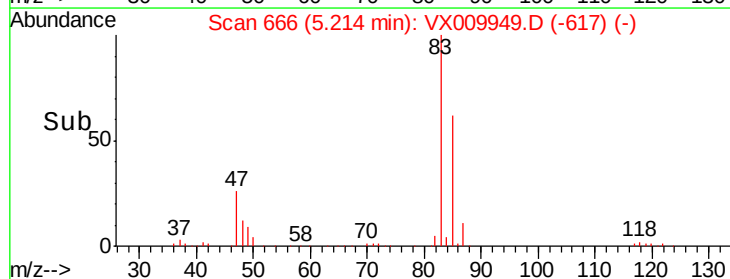
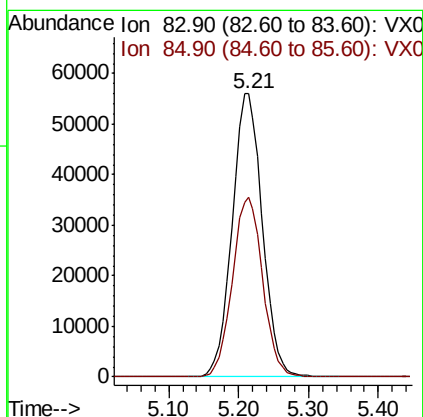
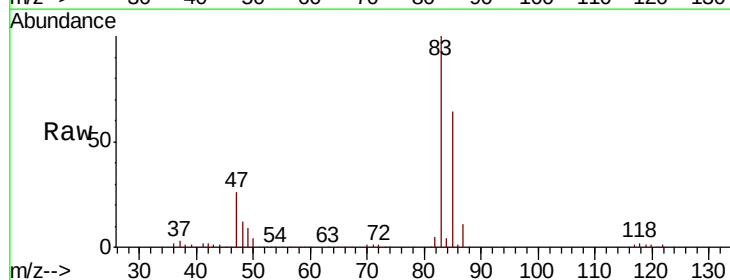
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

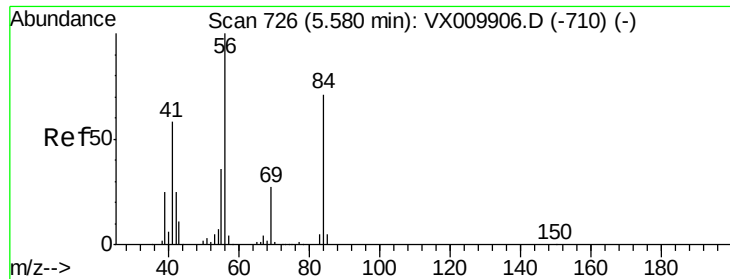
Tot Ion: 42 Resp: 340515
Ion Ratio Lower Upper
42 100
72 35.7 29.2 43.8
71 34.0 27.6 41.4



#30
Chloroform
Concen: 52.069 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion: 83 Resp: 167638
Ion Ratio Lower Upper
83 100
85 63.6 52.6 78.8





#31

Cyclohexane

Concen: 53.876 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

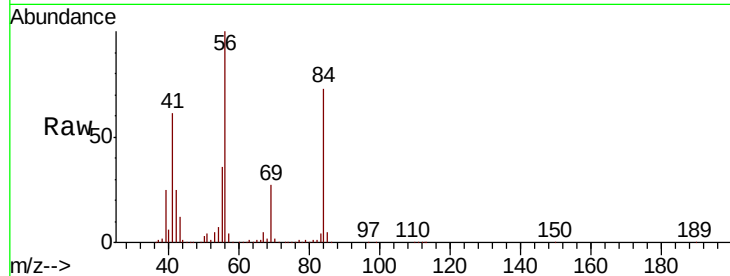
Tot Ion: 56 Resp: 182163

Ion Ratio Lower Upper

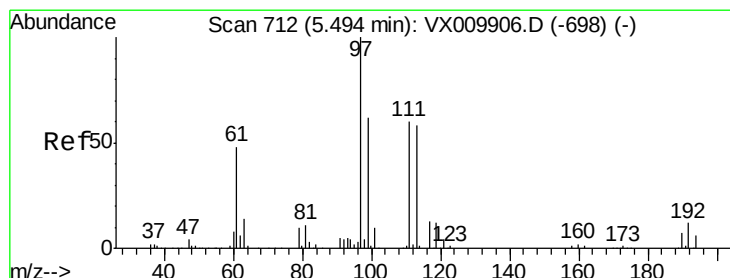
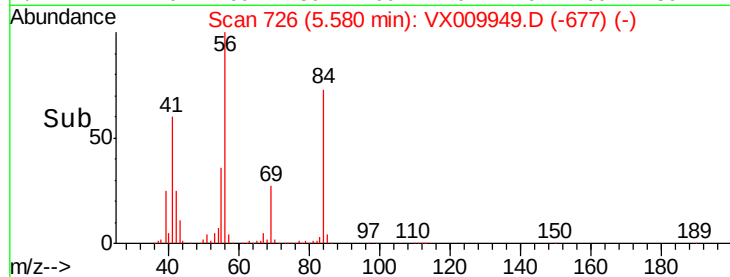
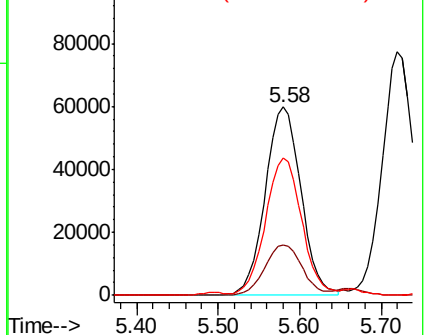
56 100

69 26.8 21.6 32.4

84 72.7 56.8 85.2



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



#32

1,1,1-Trichloroethane

Concen: 53.683 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

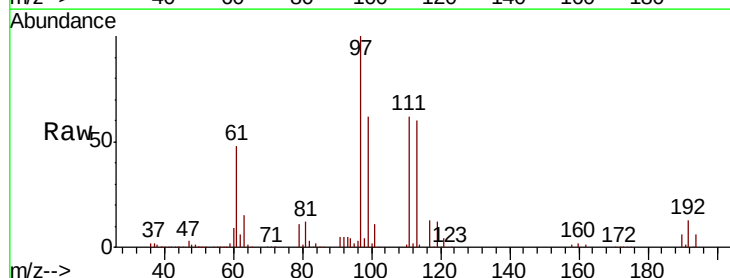
Tgt Ion: 97 Resp: 140756

Ion Ratio Lower Upper

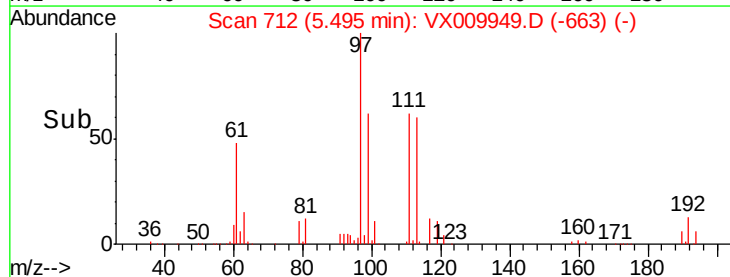
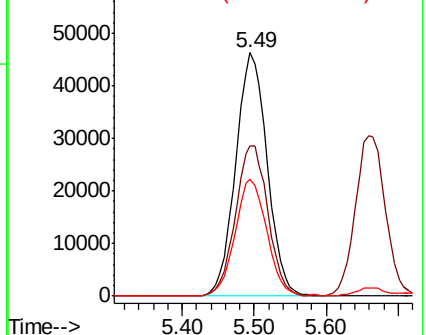
97 100

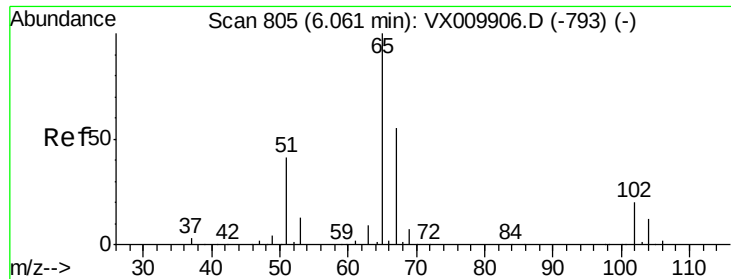
99 63.6 51.0 76.4

61 48.3 38.7 58.1



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

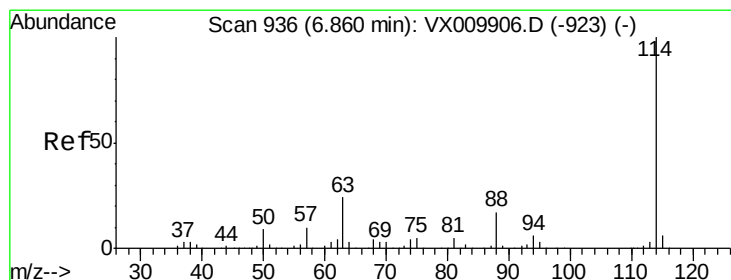
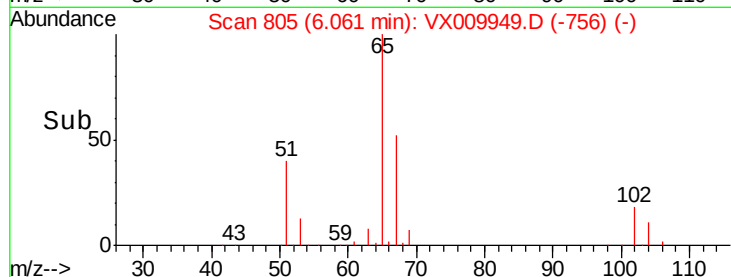
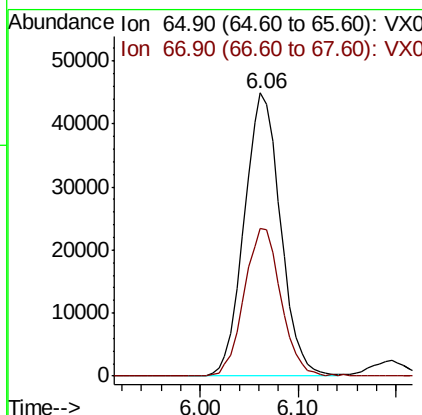
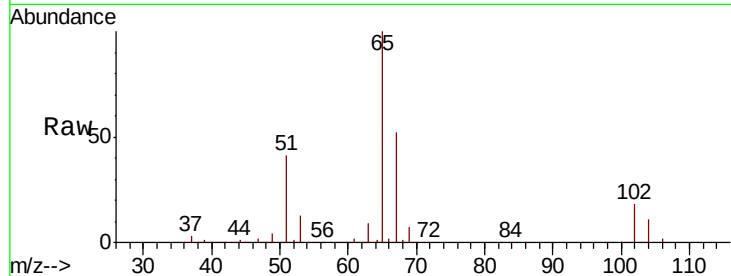




#33
 1,2-Dichloroethane-d4
 Concen: 52.181 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

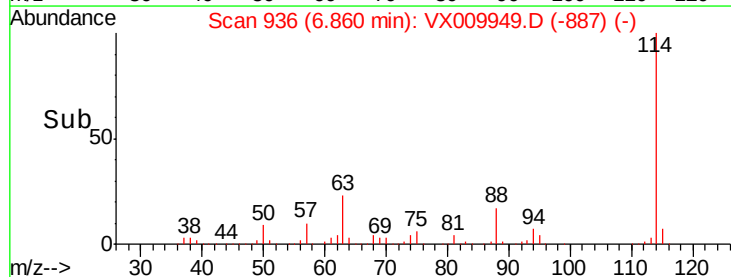
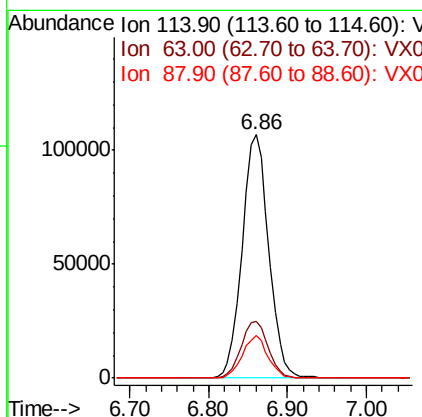
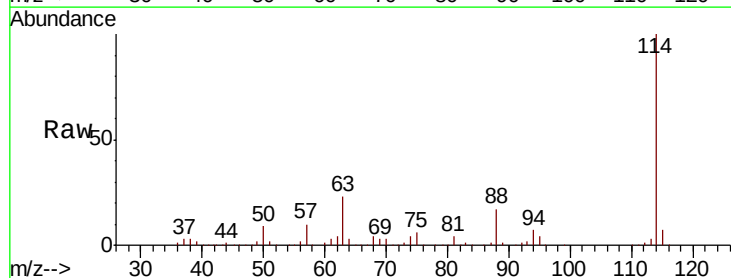
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

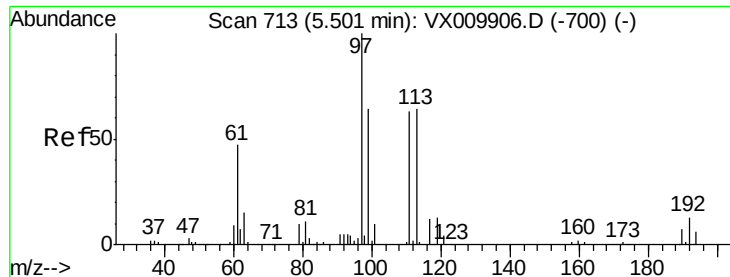
Tot Ion: 65 Resp: 115937
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Tgt Ion: 114 Resp: 251124
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.4
 88 17.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.621 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

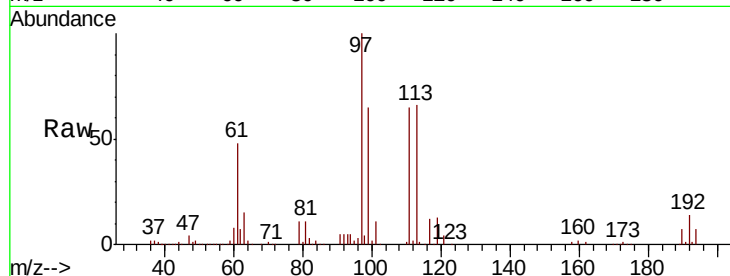
Tot Ion:113 Resp: 83080

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

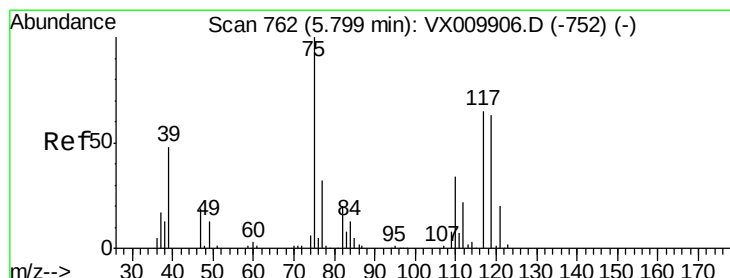
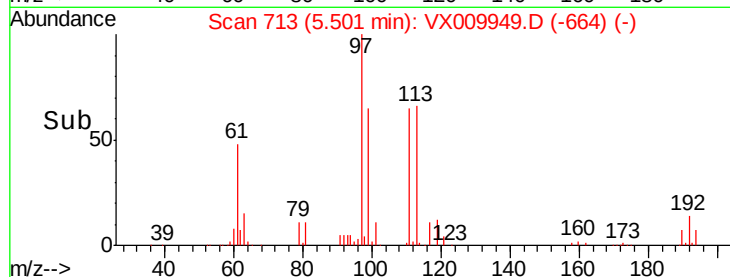
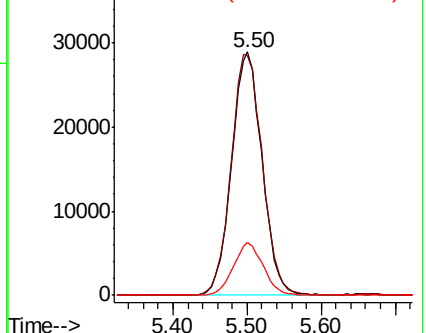
192 21.3 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.979 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

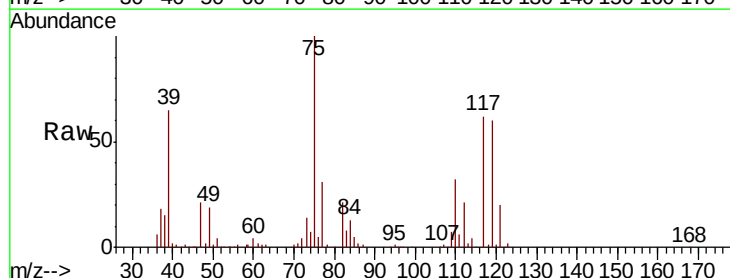
Tgt Ion: 75 Resp: 129891

Ion Ratio Lower Upper

75 100

110 33.0 16.7 50.1

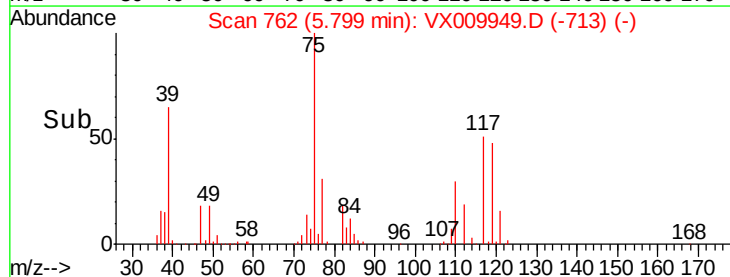
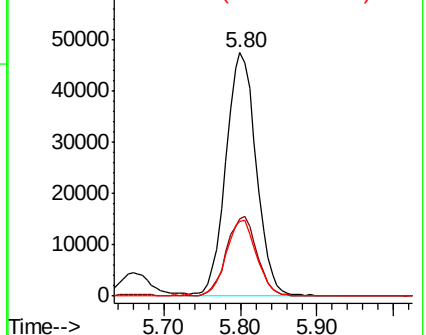
77 31.2 25.0 37.4

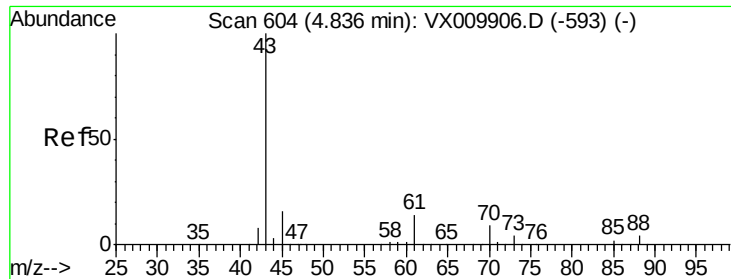


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

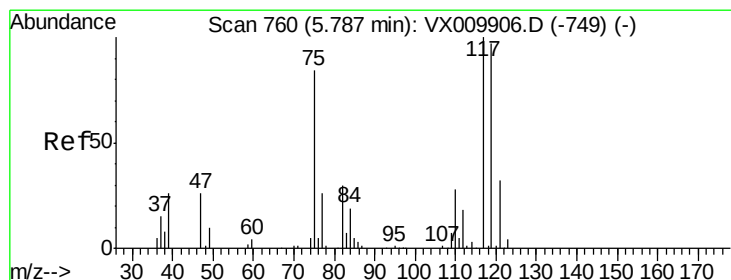
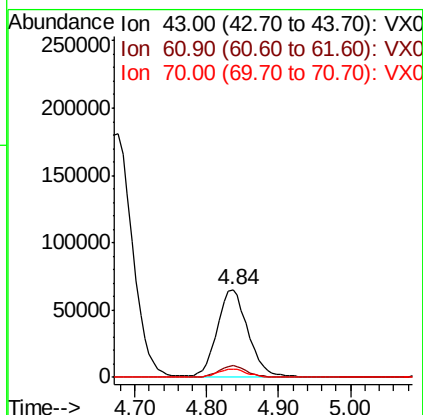
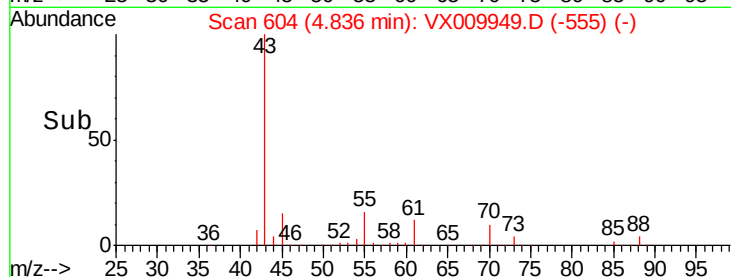
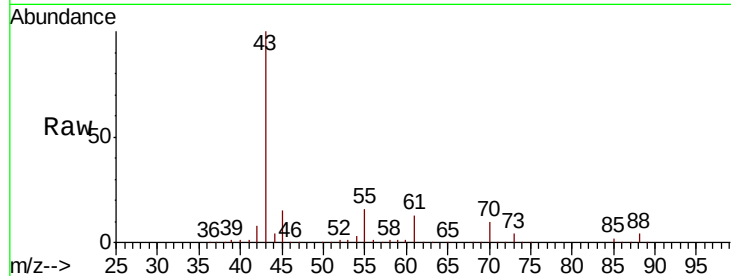




#37
Ethyl Acetate
Concen: 54.510 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

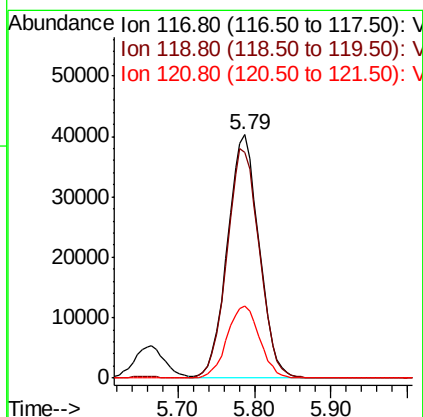
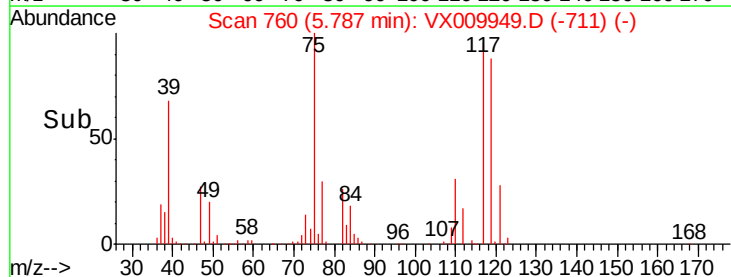
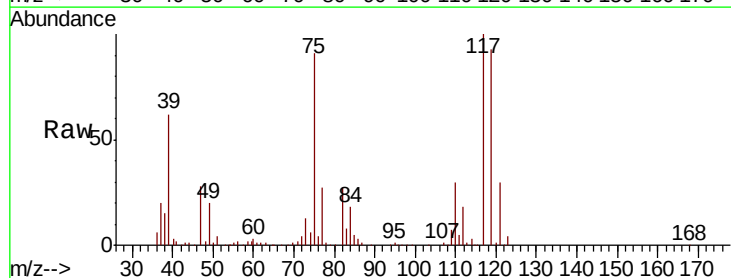
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

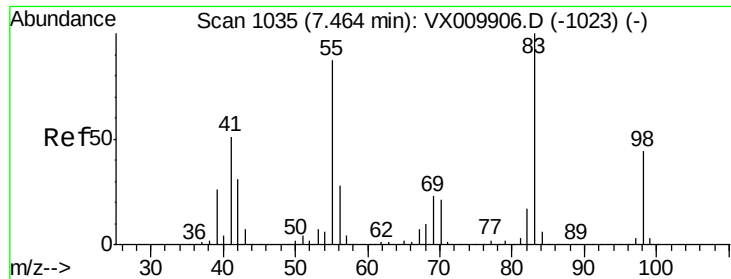
Tot Ion: 43 Resp: 193522
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.2
70 9.3 7.4 11.2



#38
Carbon Tetrachloride
Concen: 52.527 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion: 117 Resp: 115652
Ion Ratio Lower Upper
117 100
119 92.7 77.3 115.9
121 29.5 25.4 38.0

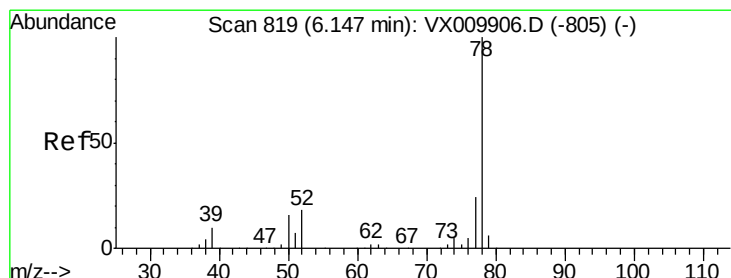
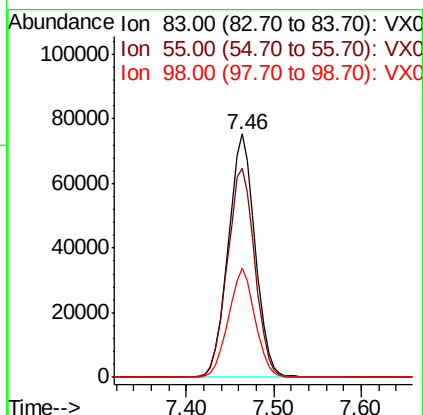
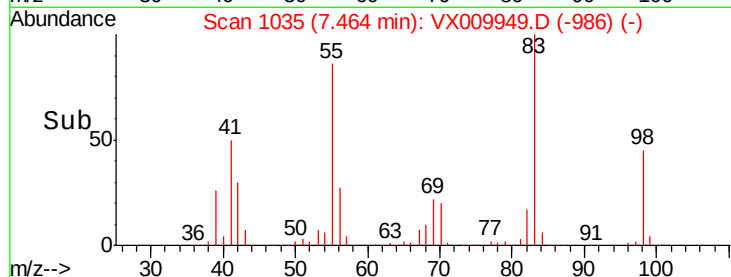
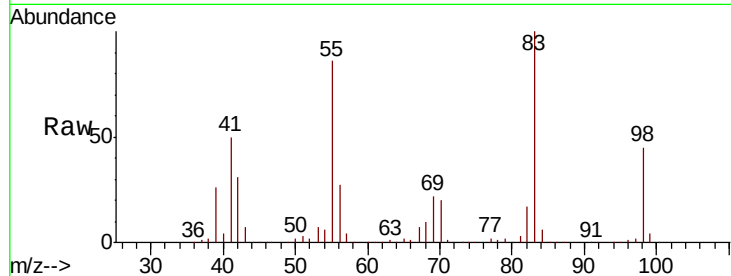




#39
Methylvlcyclohexane
Concen: 53.195 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

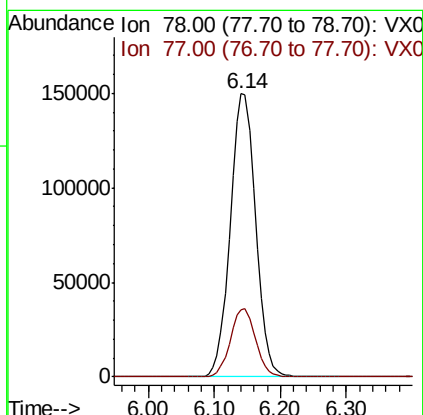
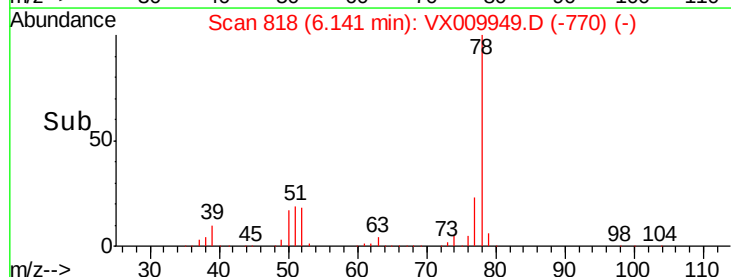
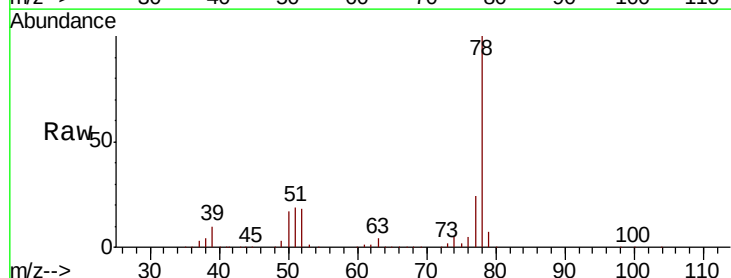
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

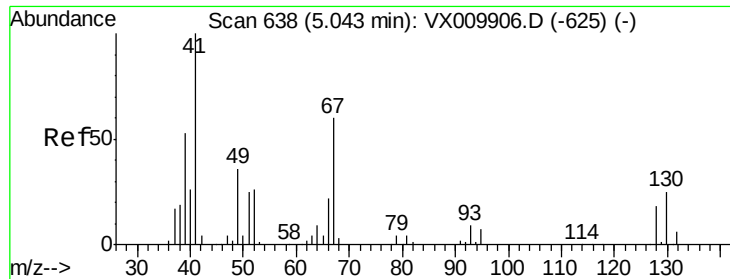
Tot Ion: 83 Resp: 160772
Ion Ratio Lower Upper
83 100
55 85.8 69.9 104.9
98 44.6 35.1 52.7



#40
Benzene
Concen: 52.808 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion: 78 Resp: 399144
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

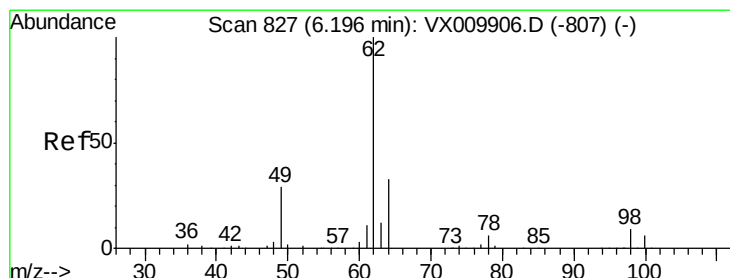
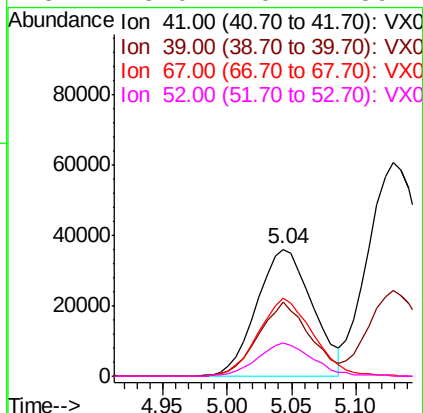
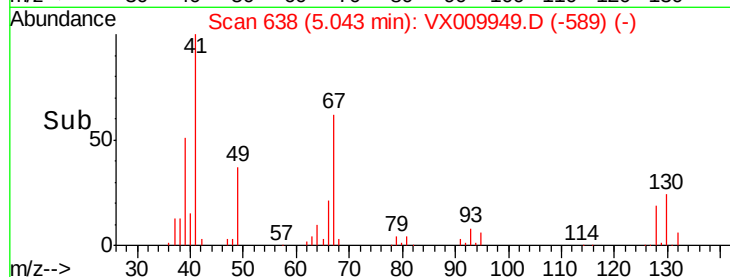
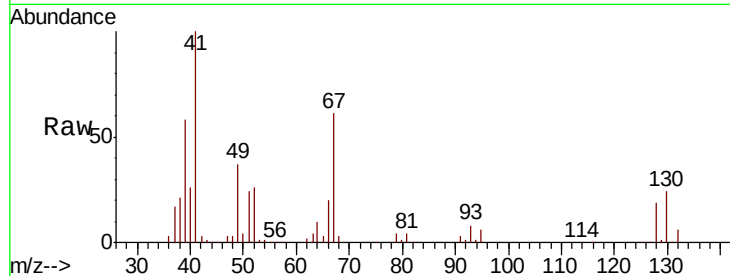




#41
Methacrylonitrile
Concen: 52.141 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

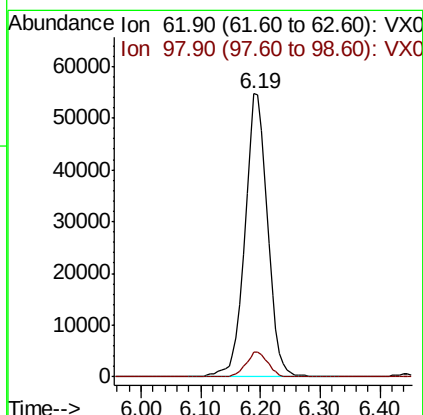
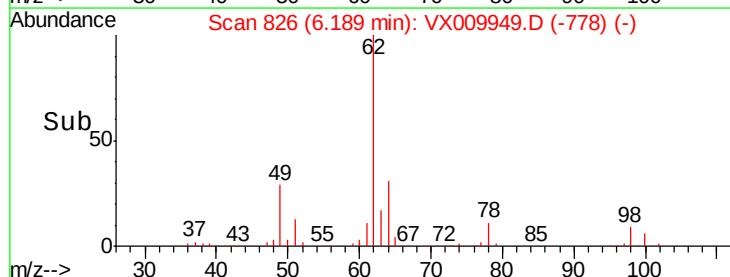
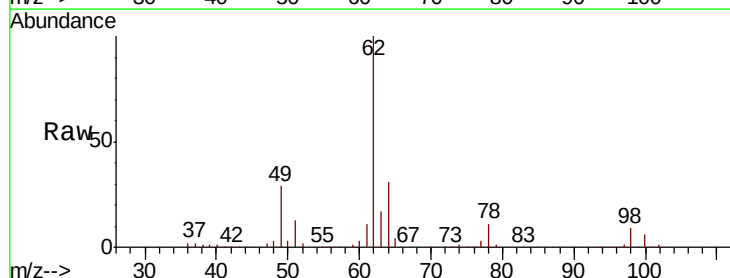
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

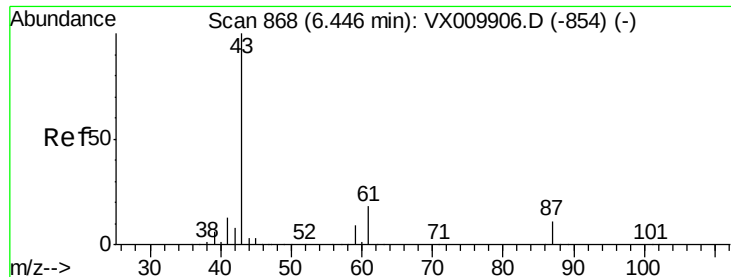
Tot Ion:	41	Resp:	108168
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.4
67	60.5	48.9	73.3
52	25.0	20.1	30.1



#42
1,2-Dichloroethane
Concen: 51.810 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion:	62	Resp:	144772
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.556 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

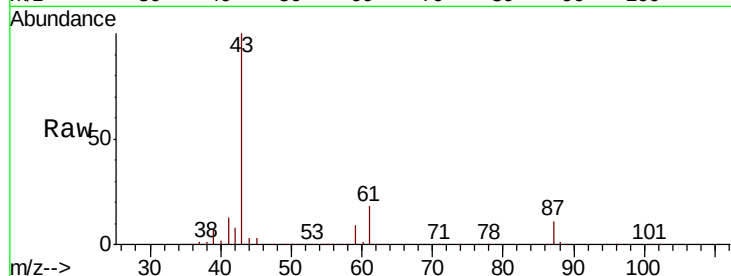
Tot Ion: 43 Resp: 301062

Ion Ratio Lower Upper

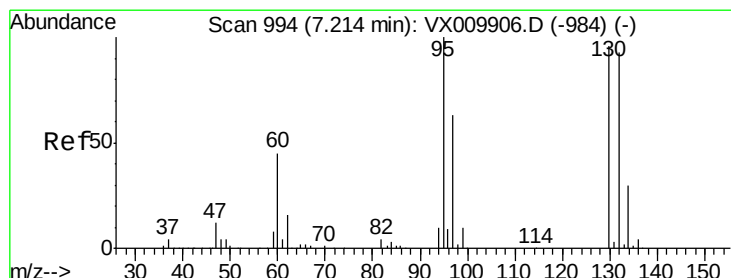
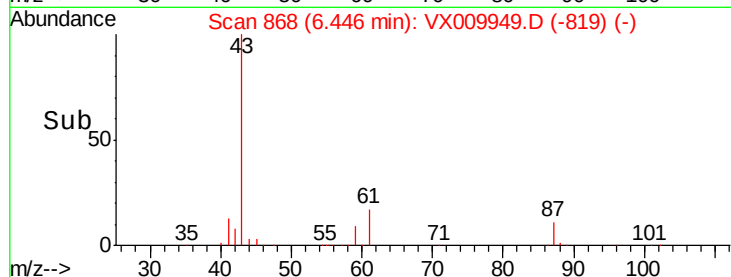
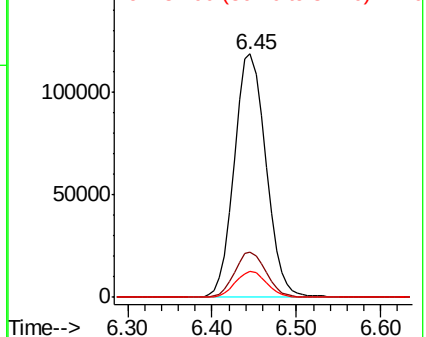
43 100

61 18.5 14.6 21.8

87 10.6 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: 49.801 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009949.D

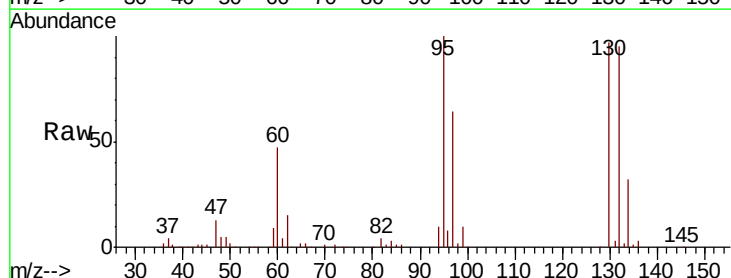
Acq: 29 May 2019 18:47

Tgt Ion:130 Resp: 91432

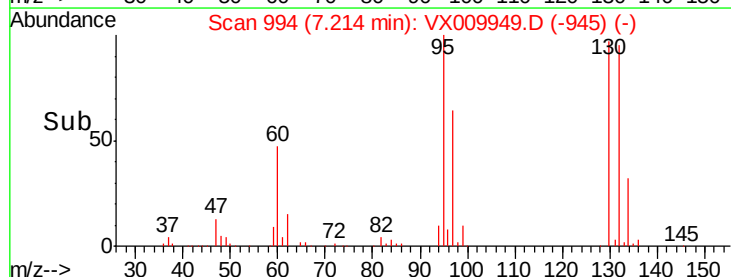
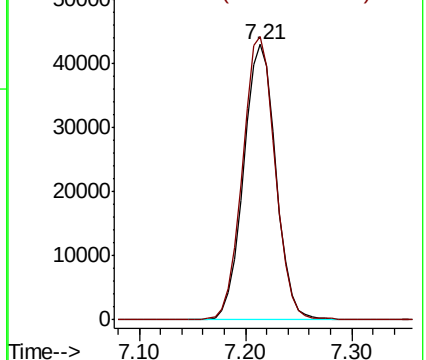
Ion Ratio Lower Upper

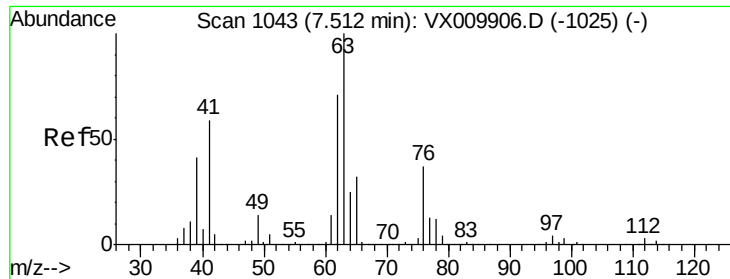
130 100

95 102.9 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: 52.473 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

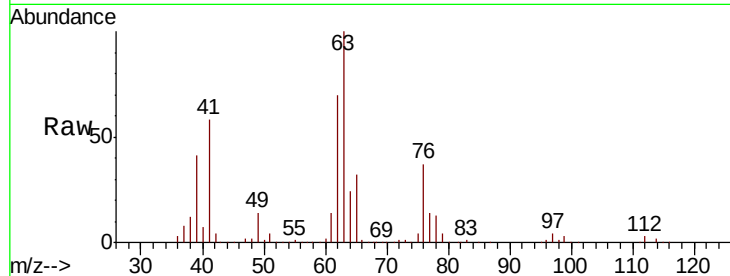
VSTDCCC050EC

Tot Ion: 63 Resp: 114171

Ion Ratio Lower Upper

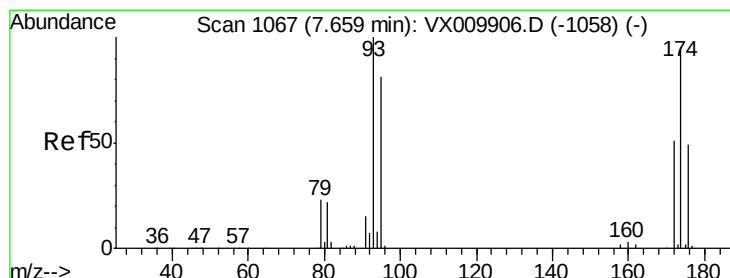
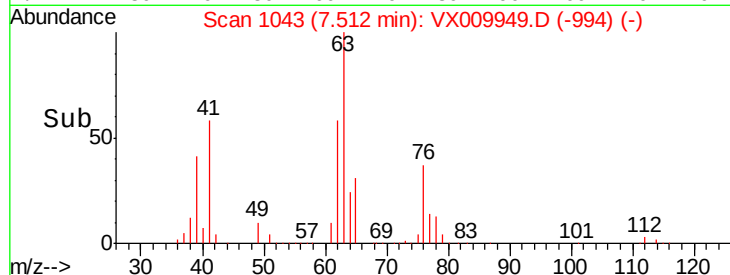
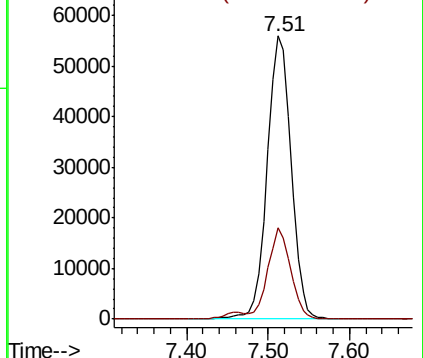
63 100

65 32.3 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.135 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

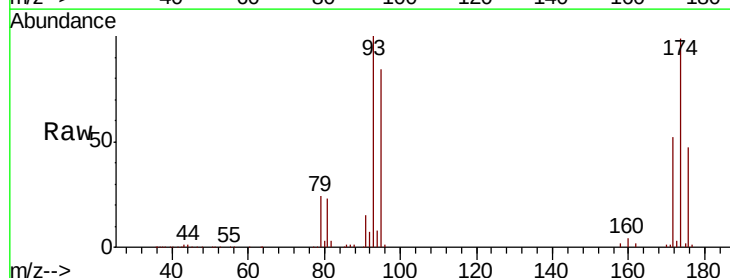
Tgt Ion: 93 Resp: 64209

Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

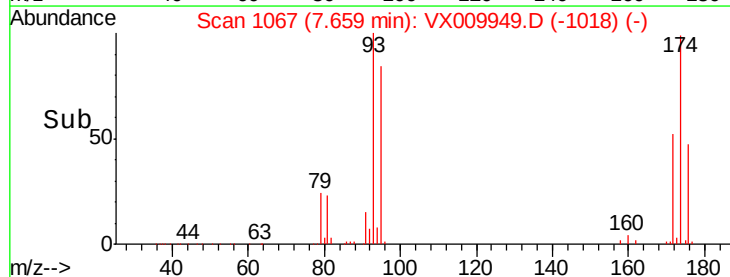
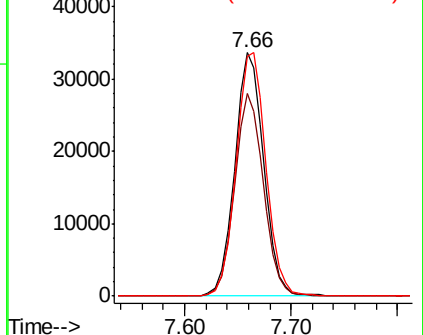
174 103.1 81.9 122.9

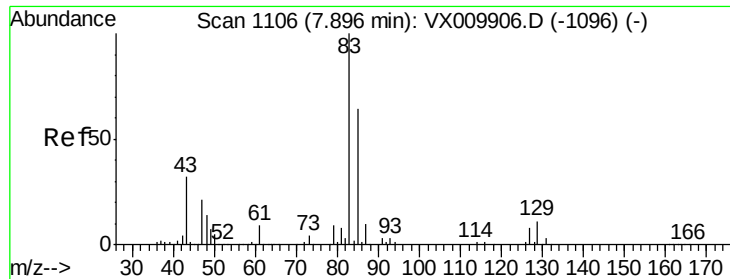


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.297 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

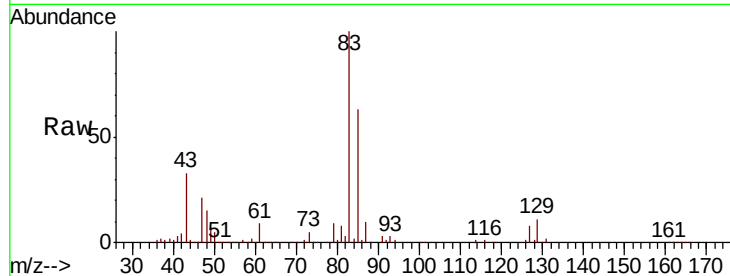
Tot Ion: 83 Resp: 129802

Ion Ratio Lower Upper

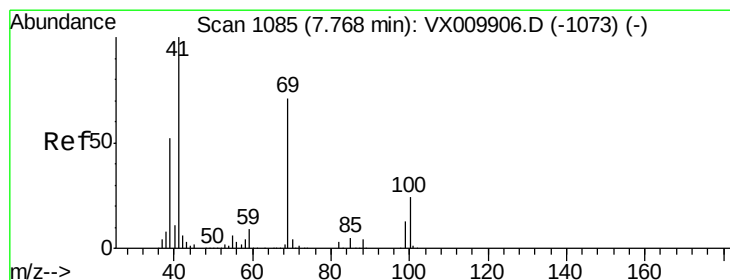
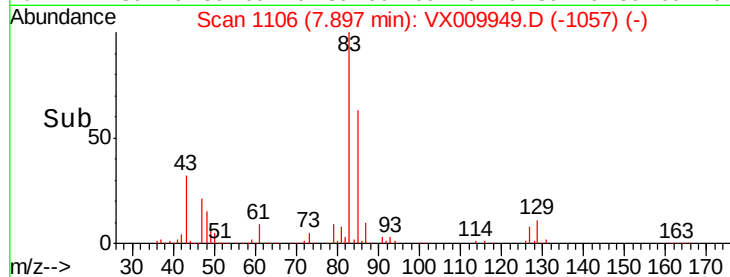
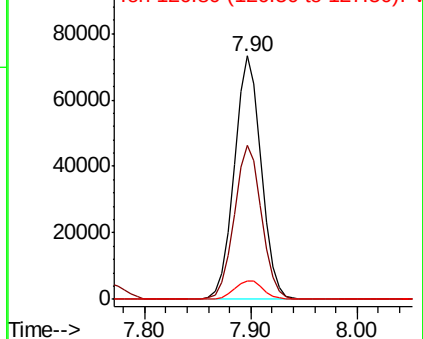
83 100

85 63.2 51.4 77.2

127 7.6 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: 55.128 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

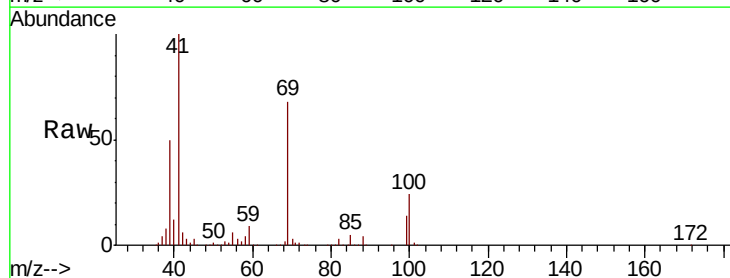
Tgt Ion: 41 Resp: 156331

Ion Ratio Lower Upper

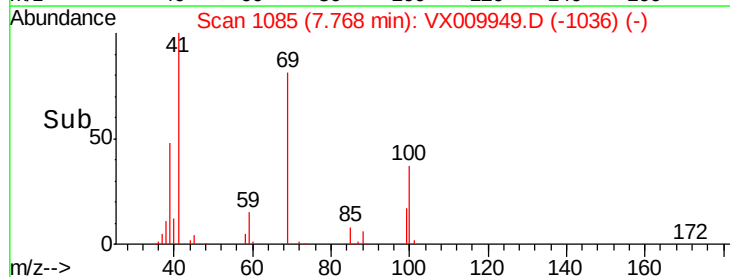
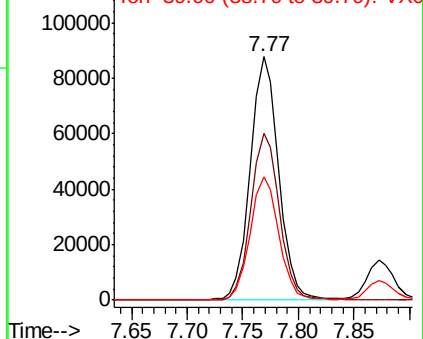
41 100

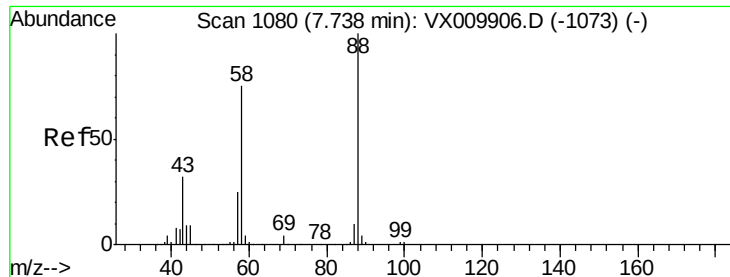
69 69.4 56.4 84.6

39 51.1 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

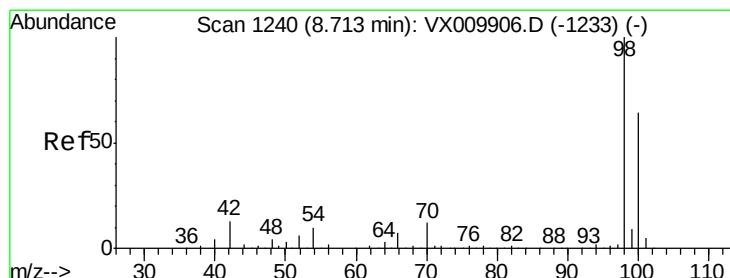
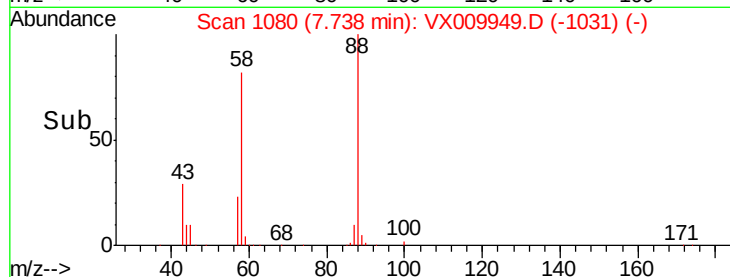
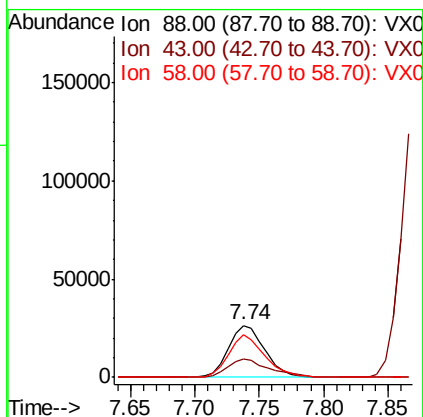
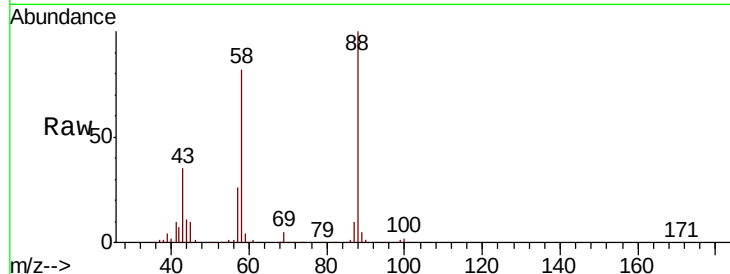




#49
1,4-Dioxane
Concen: 987.745 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

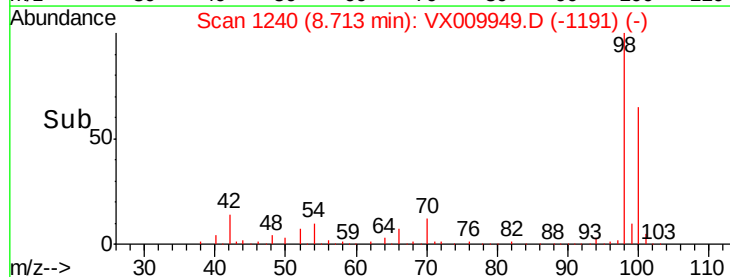
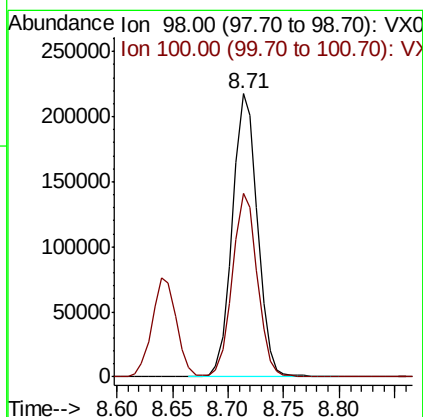
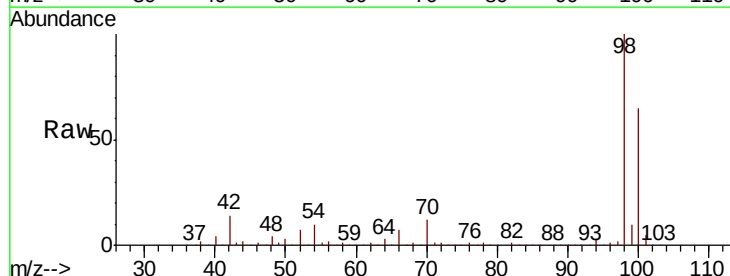
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

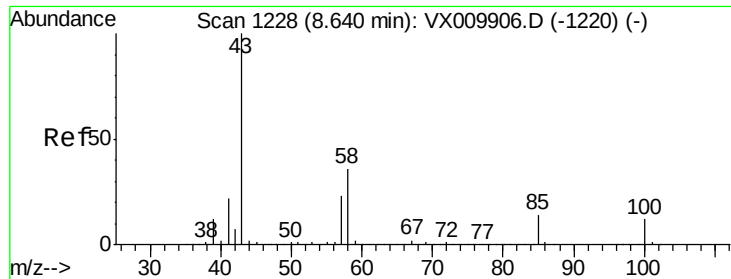
Tot Ion: 88 Resp: 52102
Ion Ratio Lower Upper
88 100
43 38.4 30.2 45.4
58 81.0 64.0 96.0



#50
Toluene-d8
Concen: 52.981 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion: 98 Resp: 339676
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 269.880 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

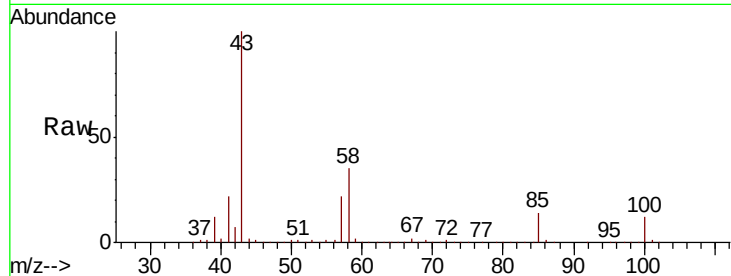
VSTDCCC050EC

Tot Ion: 43 Resp: 1005692

Ion Ratio Lower Upper

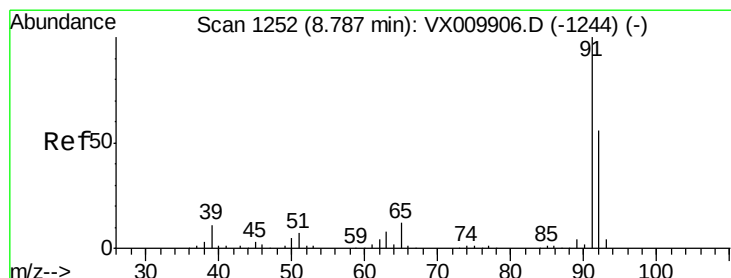
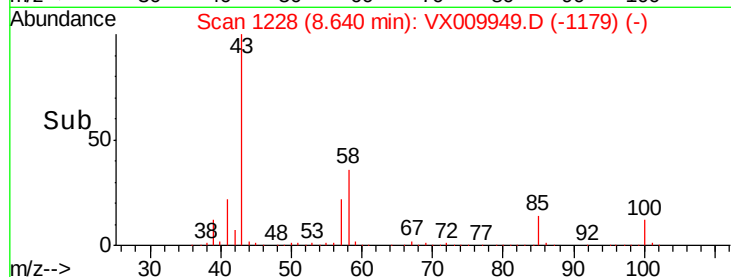
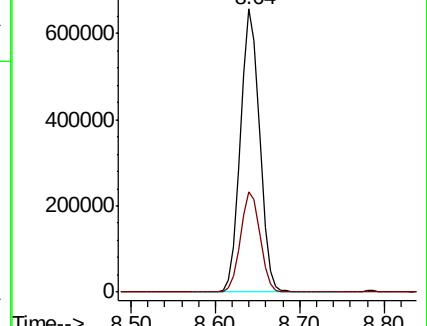
43 100

58 35.7 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.645 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009949.D

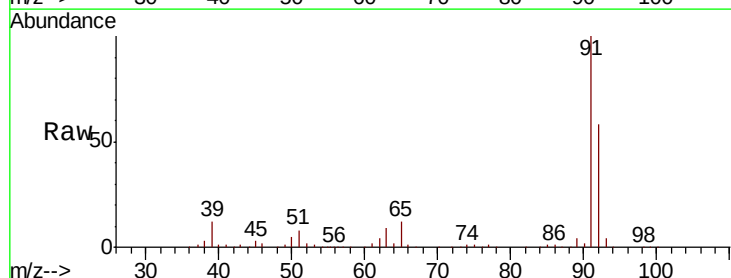
Acq: 29 May 2019 18:47

Tgt Ion: 92 Resp: 241597

Ion Ratio Lower Upper

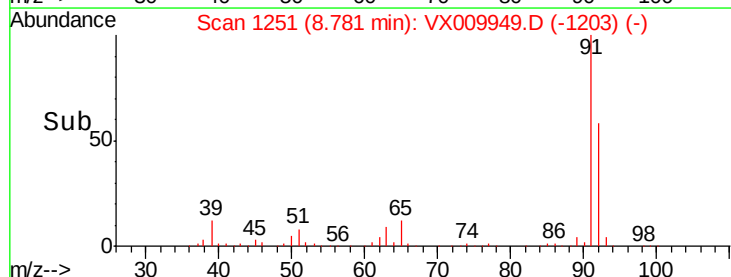
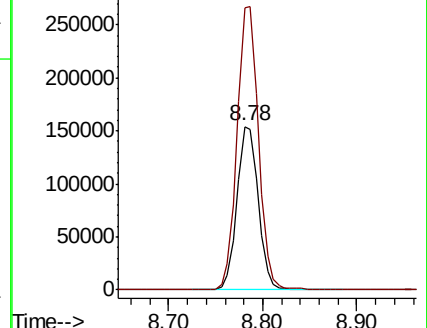
92 100

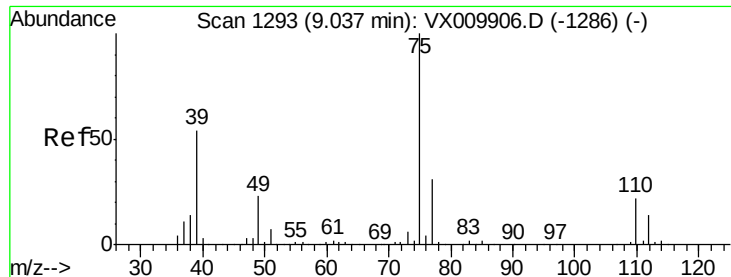
91 174.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.476 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

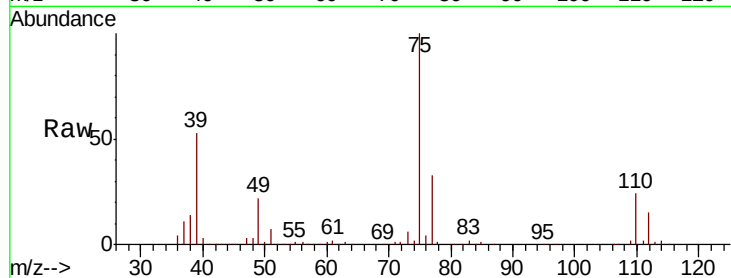
VSTDCCC050EC

Tot Ion: 75 Resp: 153274

Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

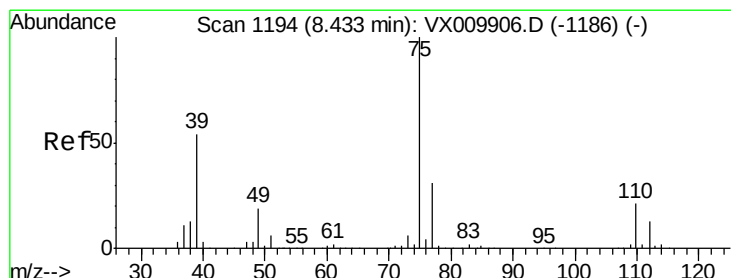
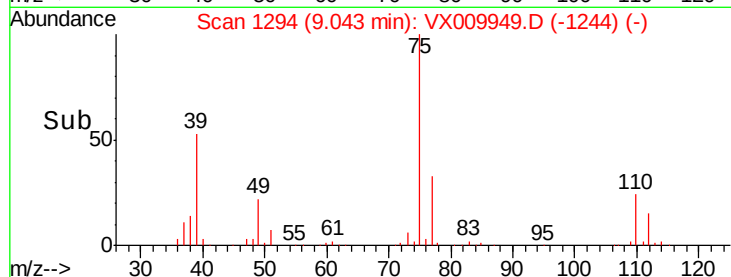
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 52.384 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

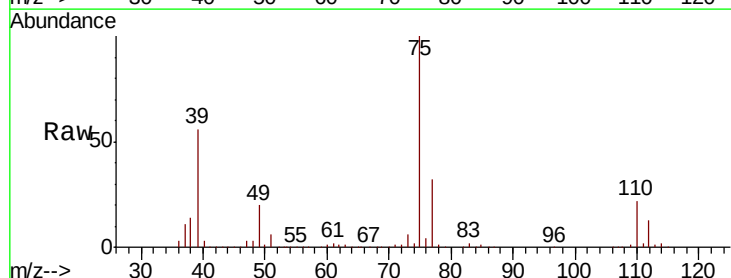
Tgt Ion: 75 Resp: 166709

Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 55.6 43.4 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

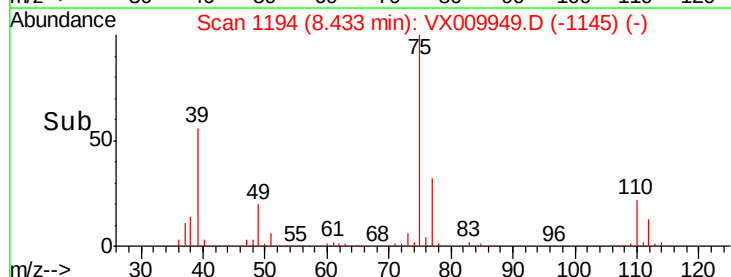
8.43

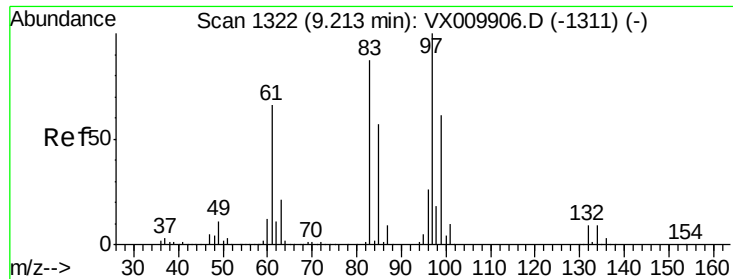
100000

50000

0

Time--> 8.35 8.40 8.45 8.50 8.55

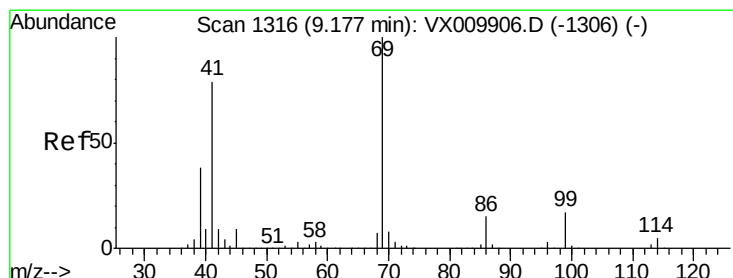
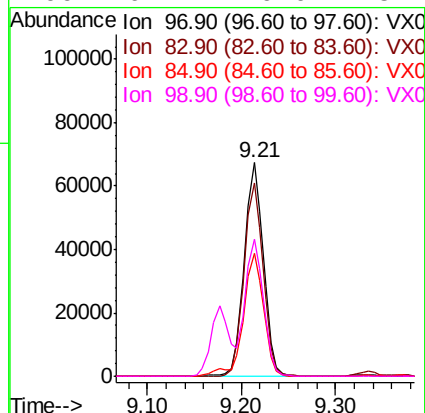
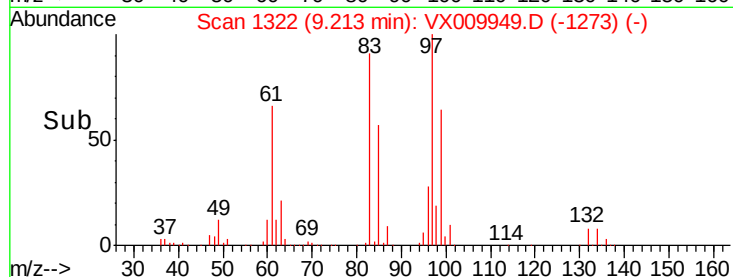
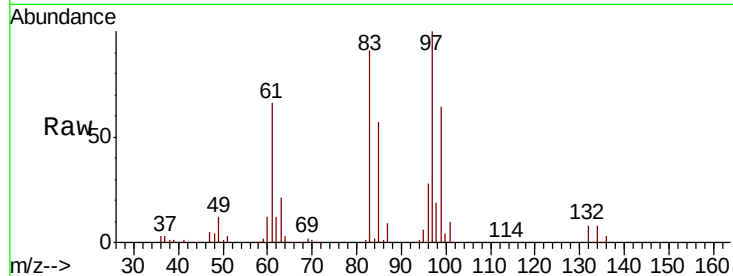




#55
 1,1,2-Trichloroethane
 Concen: 51.998 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

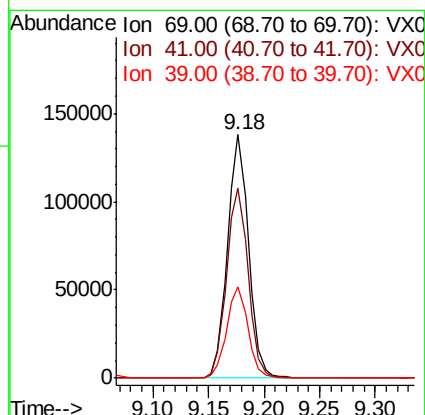
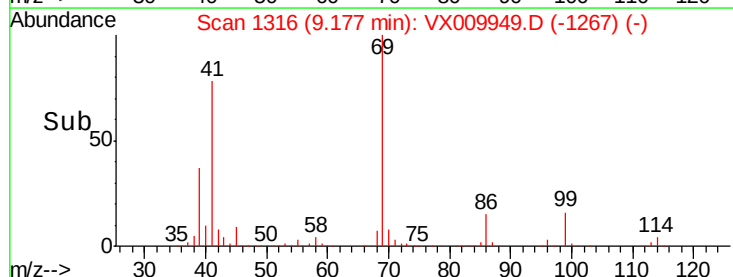
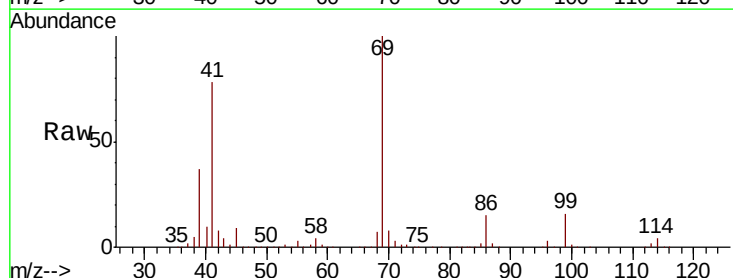
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

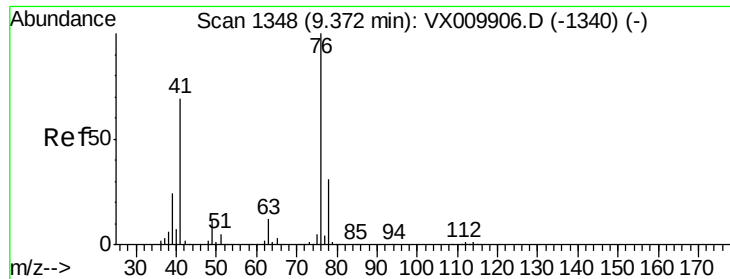
Tot Ion: 97 Resp: 96044
 Ion Ratio Lower Upper
 97 100
 83 90.7 69.8 104.8
 85 57.4 45.3 67.9
 99 64.1 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 55.245 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Tgt Ion: 69 Resp: 181667
 Ion Ratio Lower Upper
 69 100
 41 79.8 62.7 94.1
 39 37.7 29.5 44.3

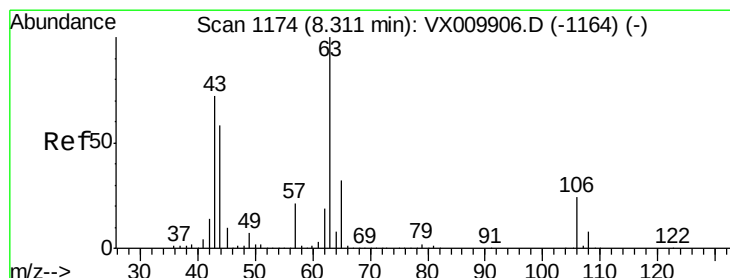
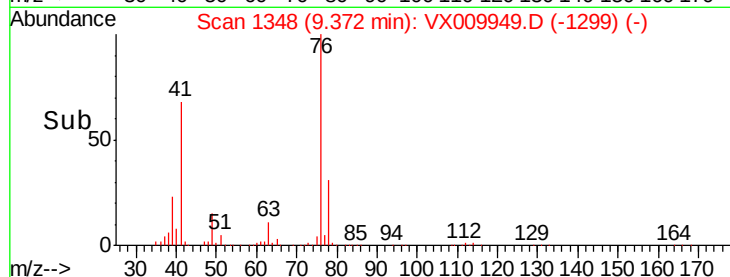
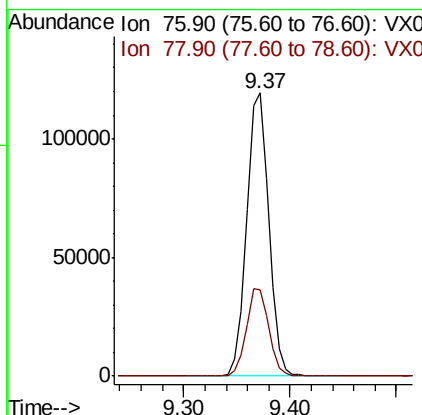
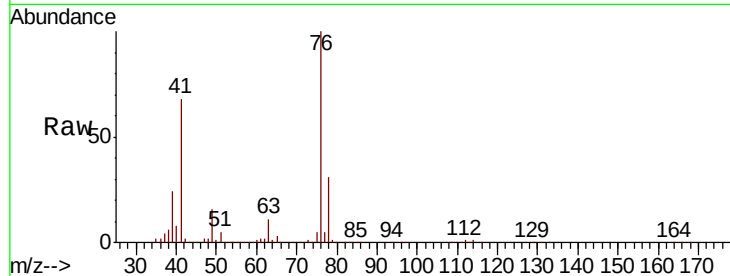




#57
 1,3-Dichloropropane
 Concen: 52.609 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

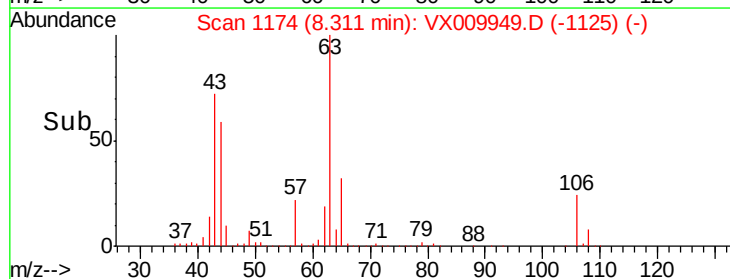
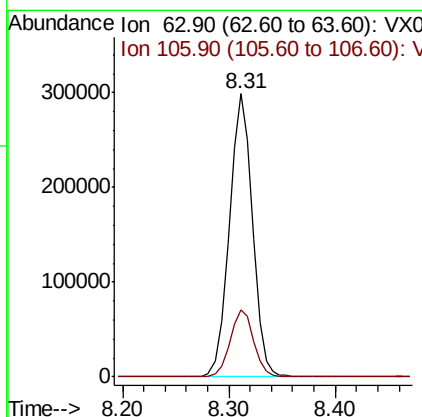
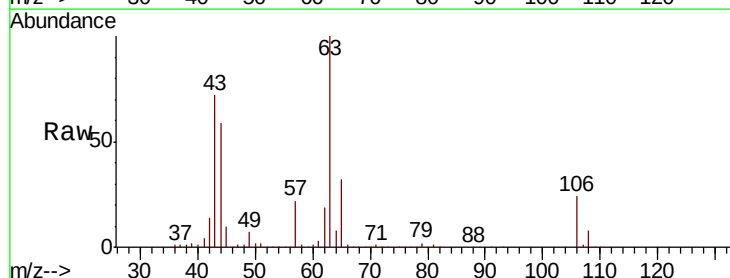
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

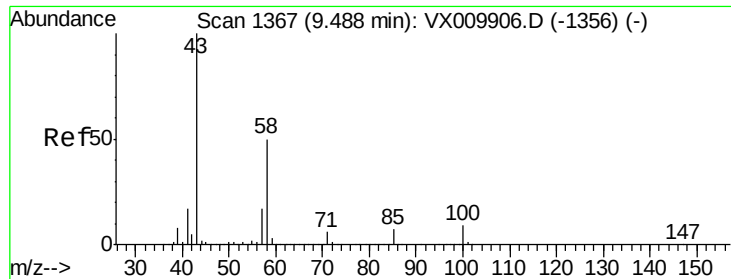
Tot Ion: 76 Resp: 174510
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.144 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Tgt Ion: 63 Resp: 455474
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.4 29.2

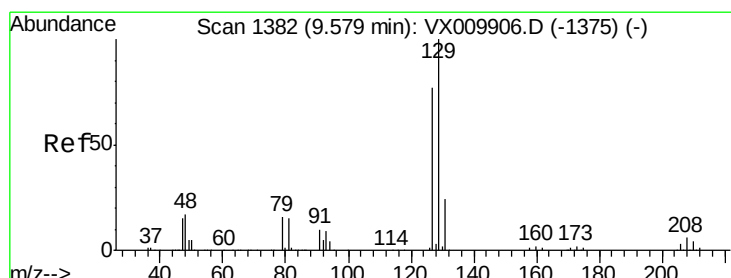
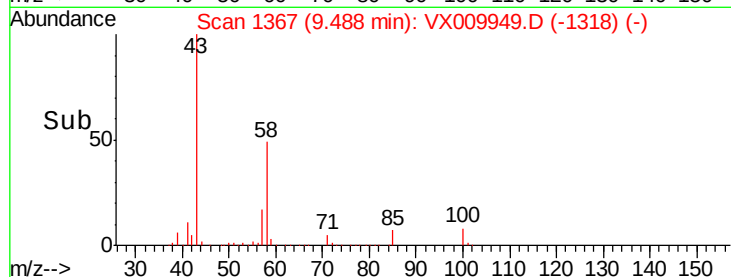
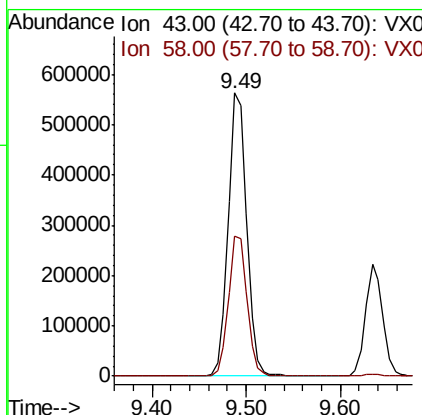
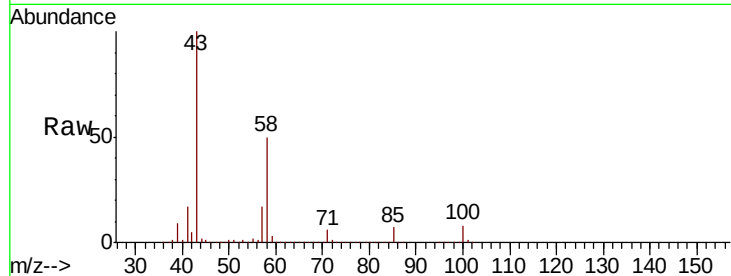




#59
2-Hexanone
Concen: 267.852 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

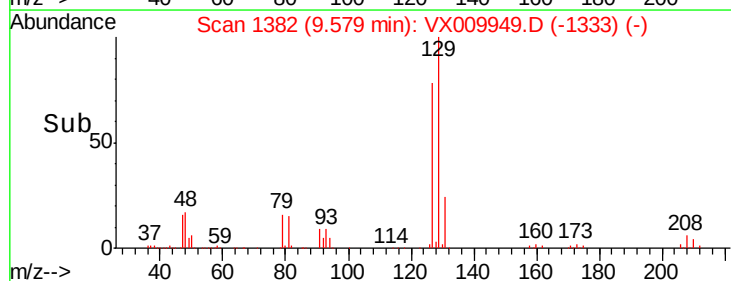
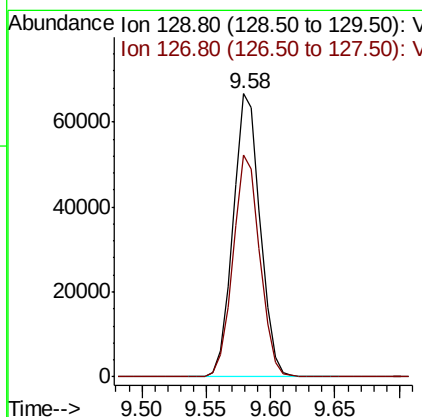
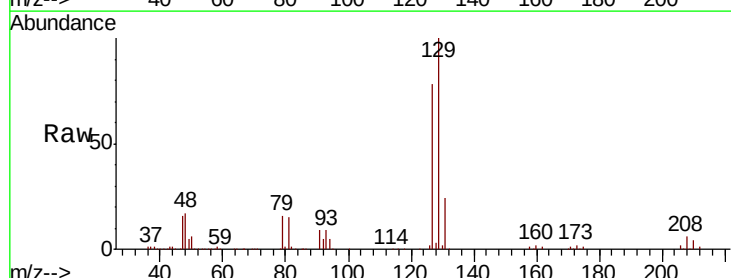
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

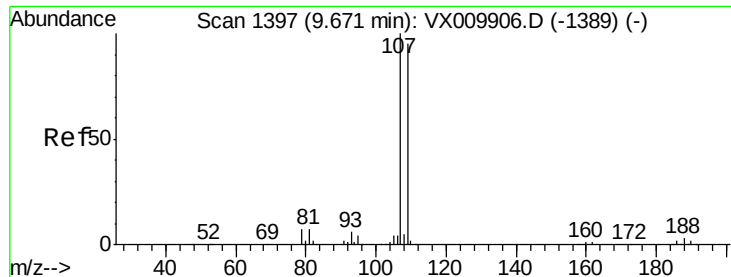
Tot Ion: 43 Resp: 768468
Ion Ratio Lower Upper
43 100
58 50.1 25.1 75.3



#60
Dibromochloromethane
Concen: 53.580 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion:129 Resp: 97352
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.742 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

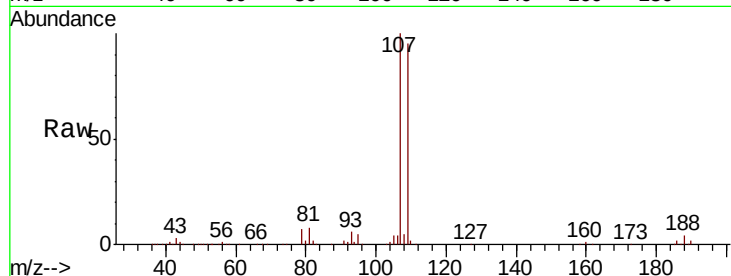
VSTDCCC050EC

Tot Ion:107 Resp: 100083

Ion Ratio Lower Upper

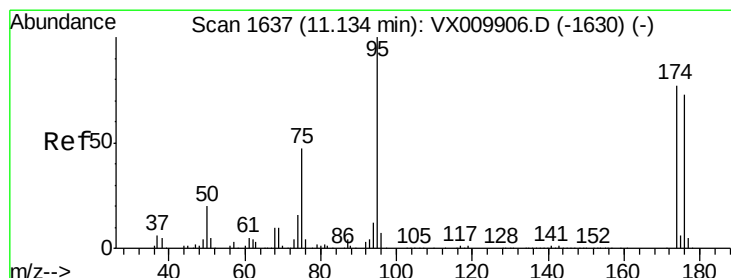
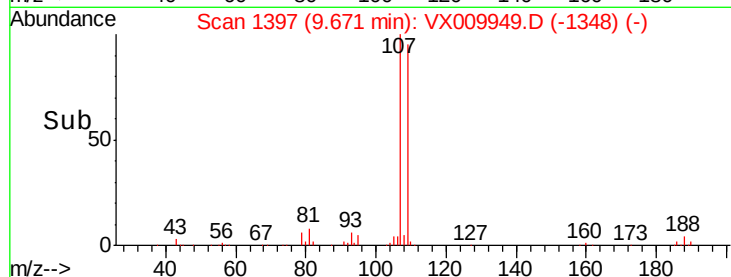
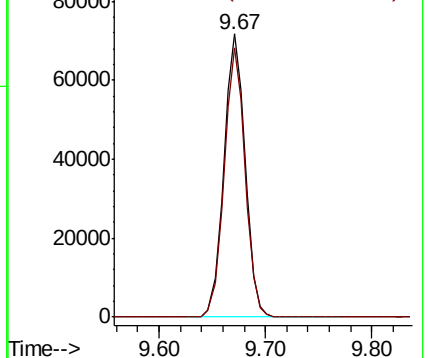
107 100

109 94.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.160 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

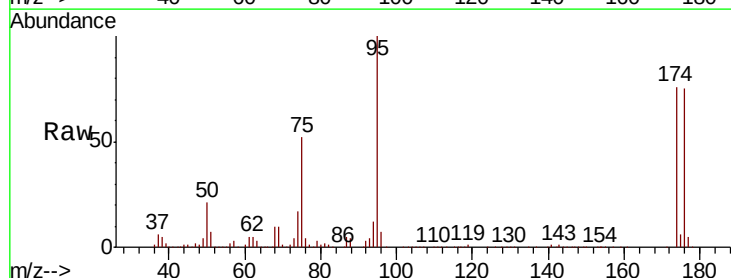
Tgt Ion: 95 Resp: 122417

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.4

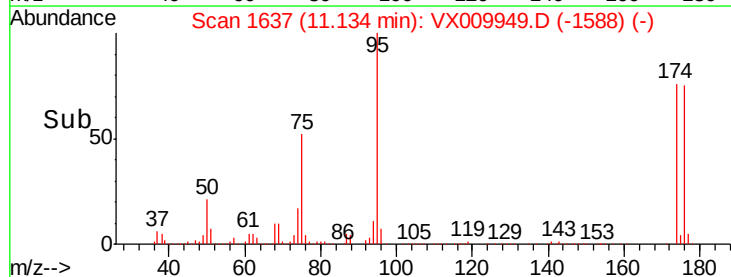
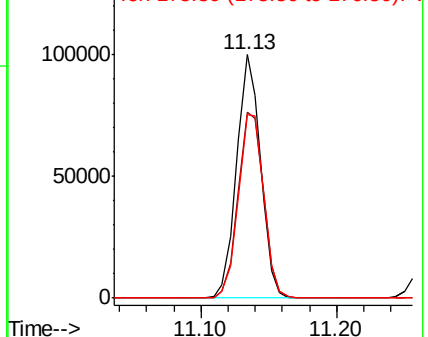
176 80.0 0.0 154.6

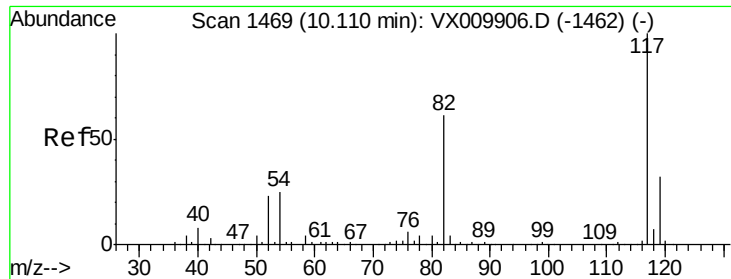


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

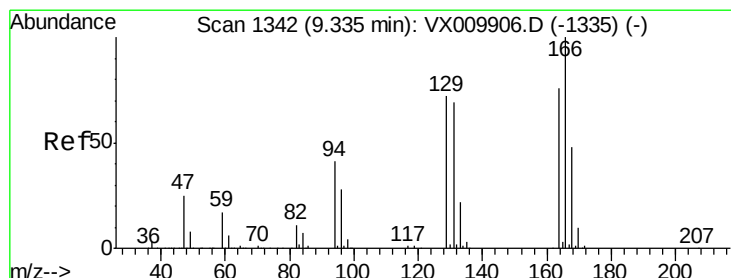
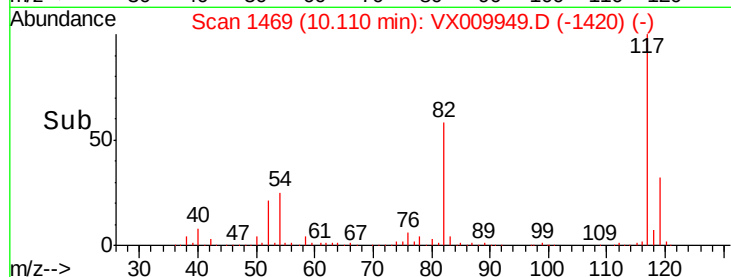
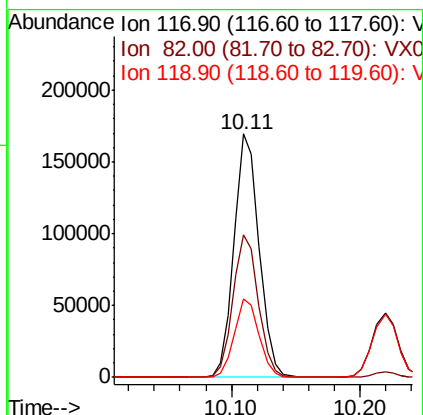
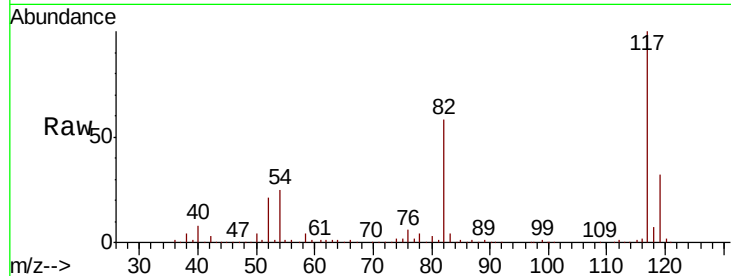




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

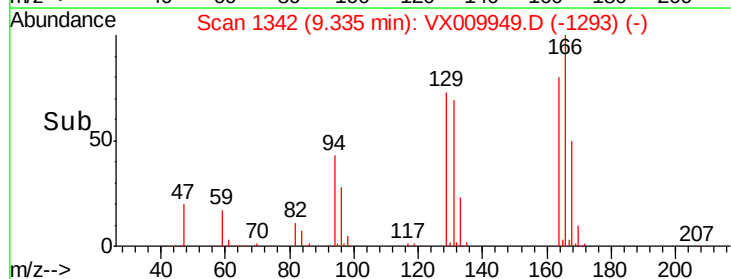
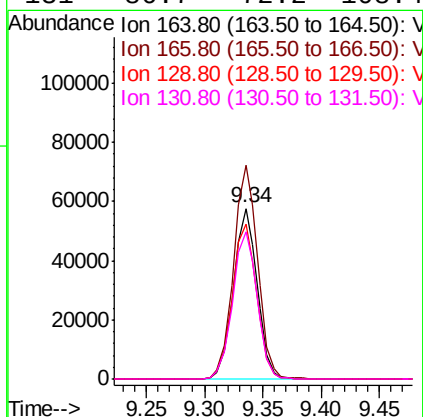
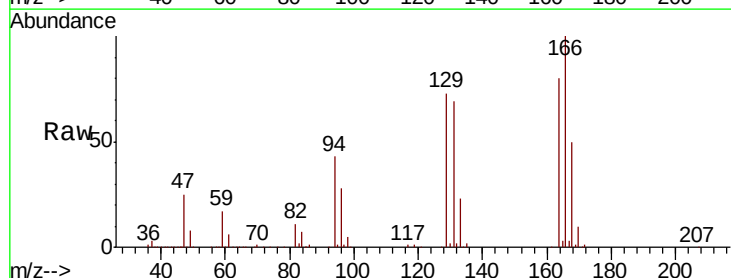
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

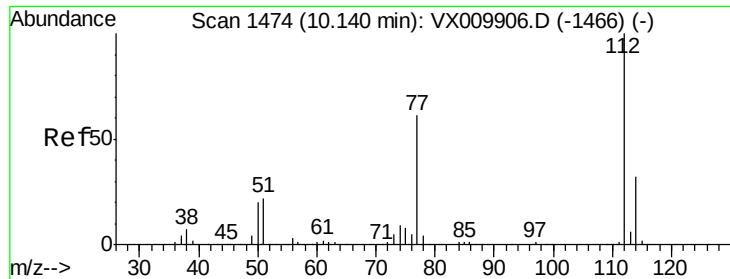
Tot Ion:117 Resp: 230419
Ion Ratio Lower Upper
117 100
82 58.4 49.2 73.8
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 51.019 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion:164 Resp: 82113
Ion Ratio Lower Upper
164 100
166 125.2 105.0 157.4
129 91.1 75.1 112.7
131 86.7 72.2 108.4

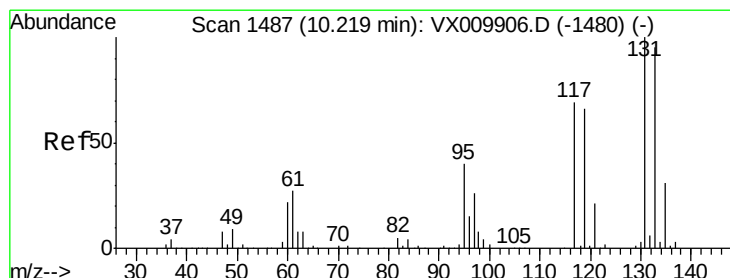
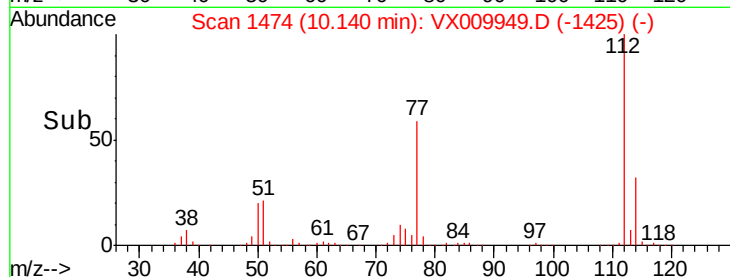
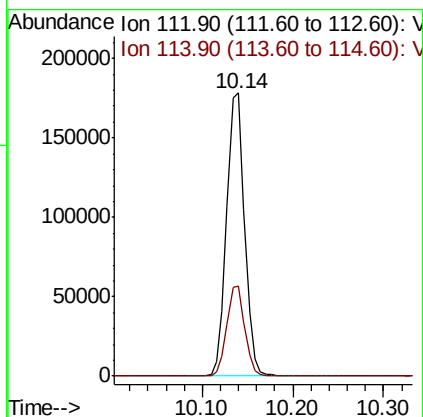
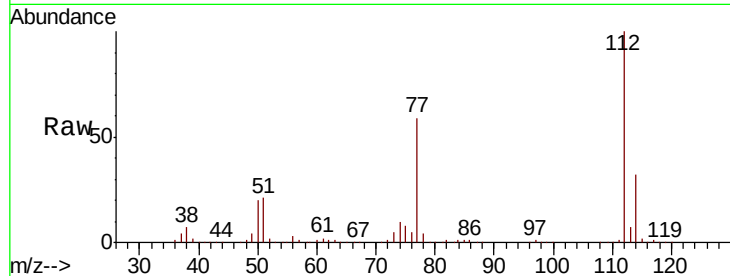




#65
Chlorobenzene
Concen: 51.199 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

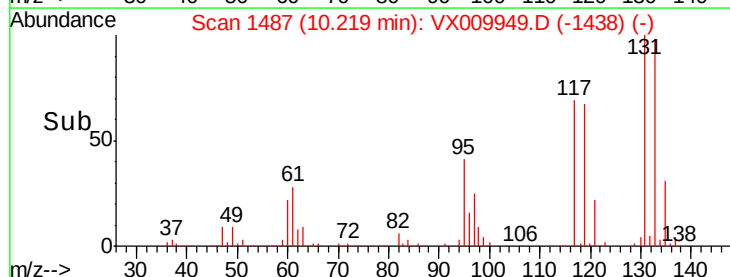
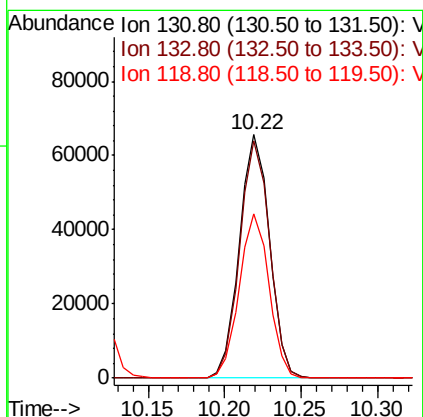
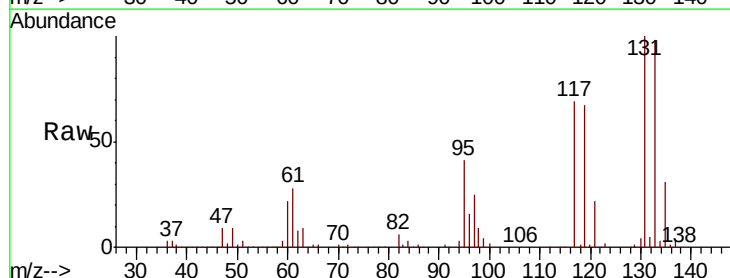
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

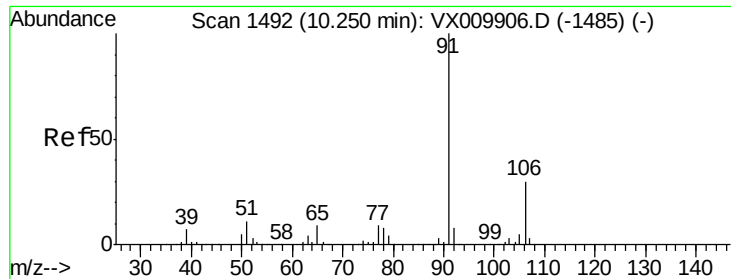
Tot Ion:112 Resp: 246977
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.532 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion:131 Resp: 89564
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 67.1 33.4 100.1





#67

Ethyl Benzene

Concen: 52.898 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

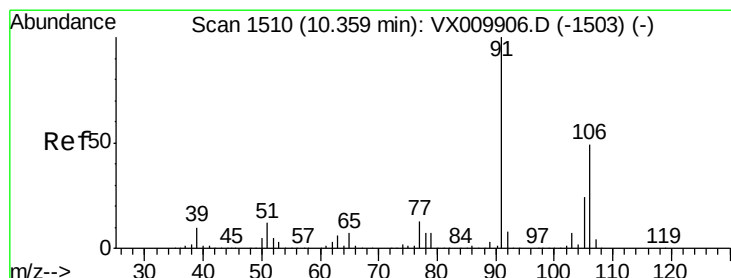
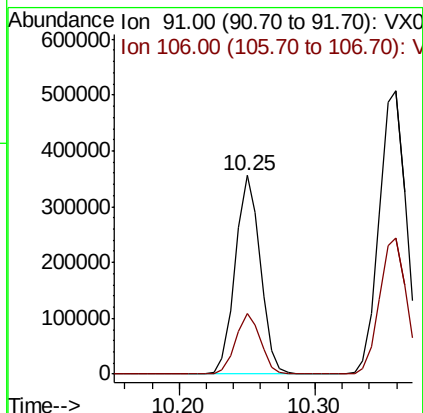
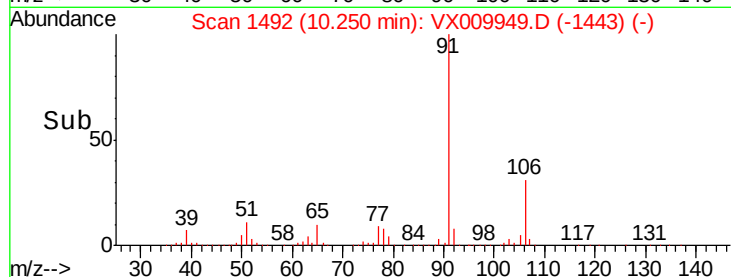
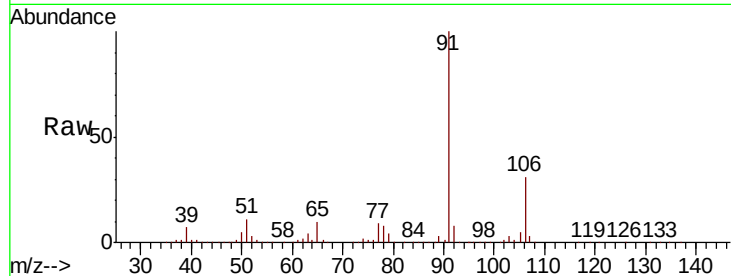
VSTDCCC050EC

Tot Ion: 91 Resp: 458164

Ion Ratio Lower Upper

91 100

106 30.7 23.9 35.9



#68

m/p-Xylenes

Concen: 104.943 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009949.D

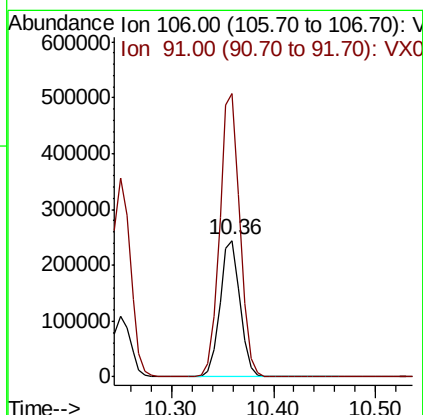
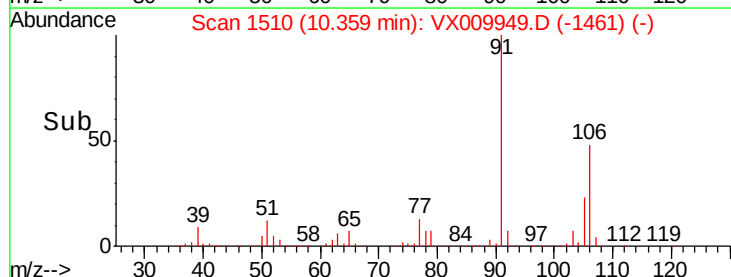
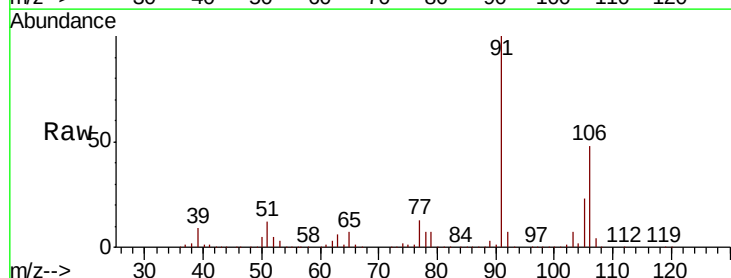
Acq: 29 May 2019 18:47

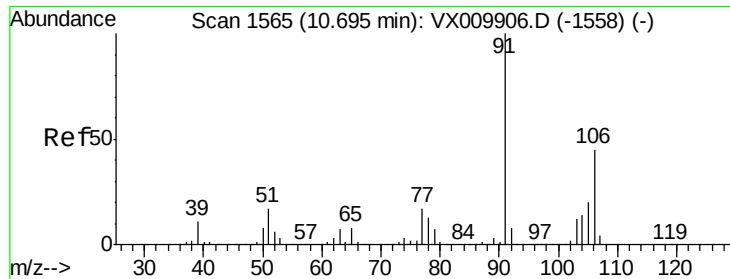
Tgt Ion: 106 Resp: 335795

Ion Ratio Lower Upper

106 100

91 209.0 167.3 250.9

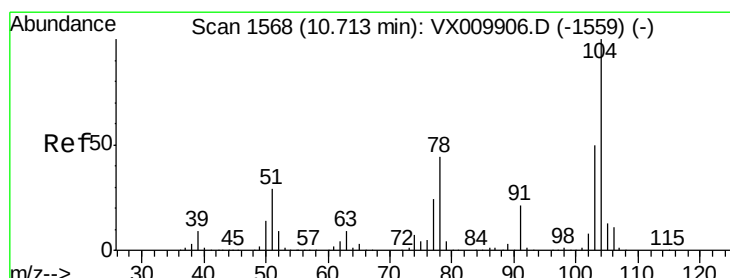
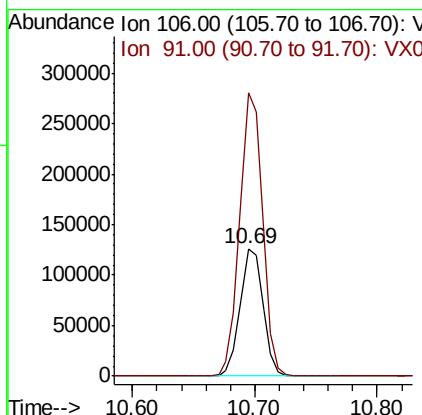
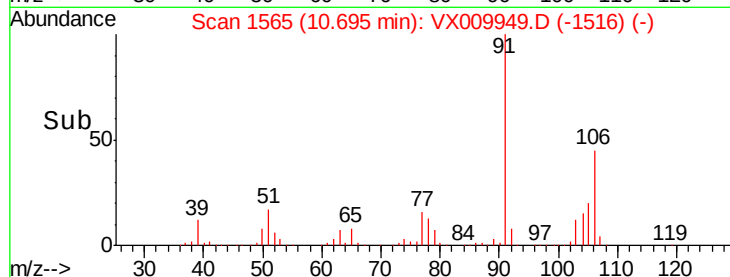
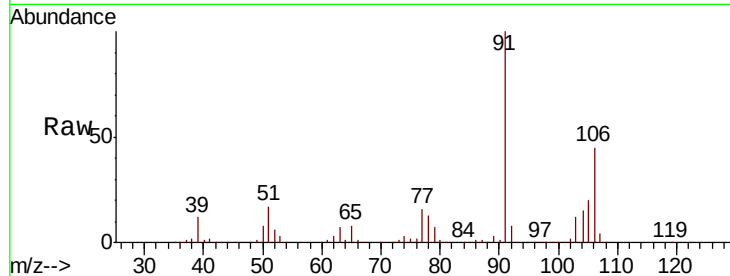




#69
o-Xylene
Concen: 53.340 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

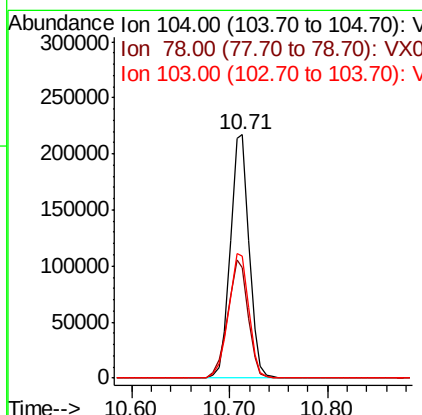
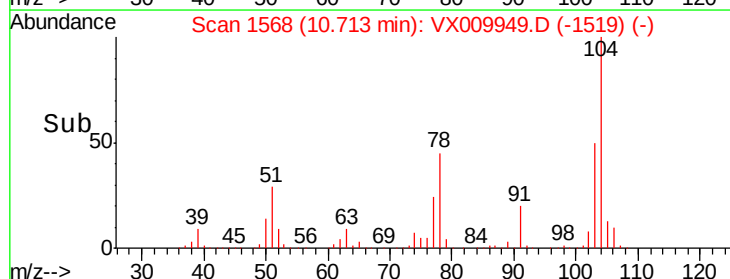
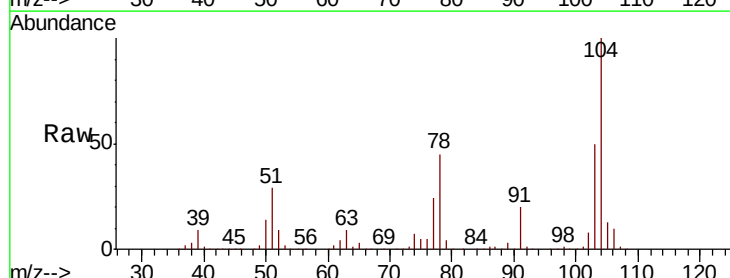
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

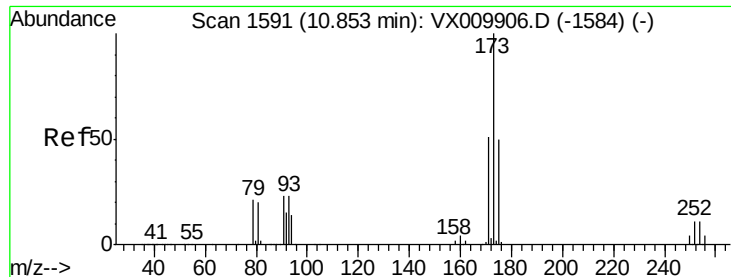
Tot Ion:106 Resp: 163685
Ion Ratio Lower Upper
106 100
91 221.4 110.4 331.2



#70
Styrene
Concen: 53.696 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion:104 Resp: 288940
Ion Ratio Lower Upper
104 100
78 52.5 42.1 63.1
103 55.3 44.1 66.1





#71

Bromoform

Concen: 54.480 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

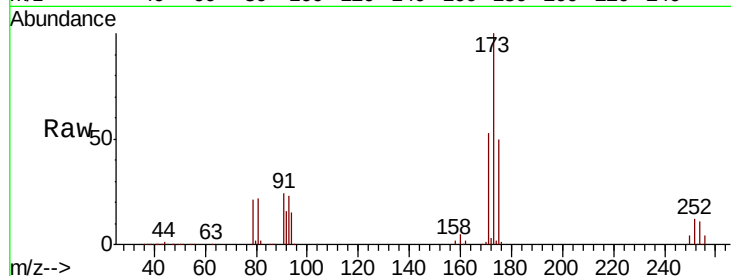
Tot Ion:173 Resp: 74508

Ion Ratio Lower Upper

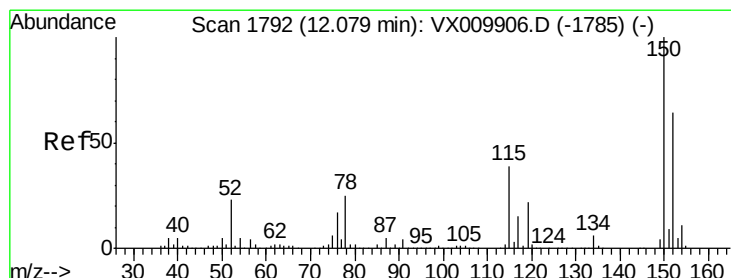
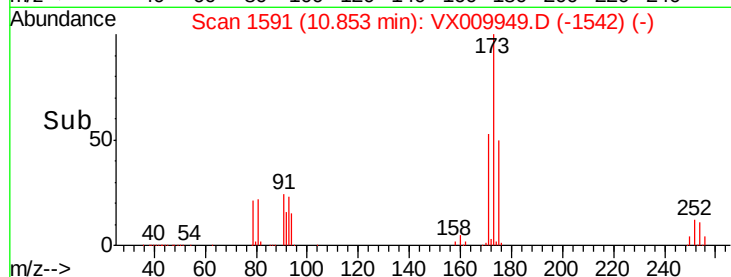
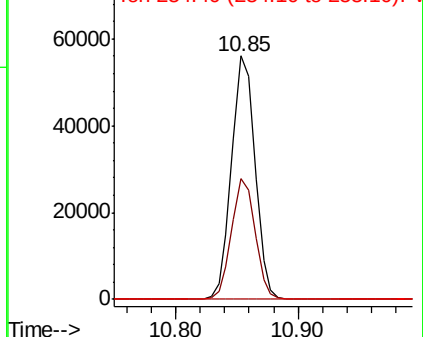
173 100

175 49.7 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: VX009949.D

Acq: 29 May 2019 18:47

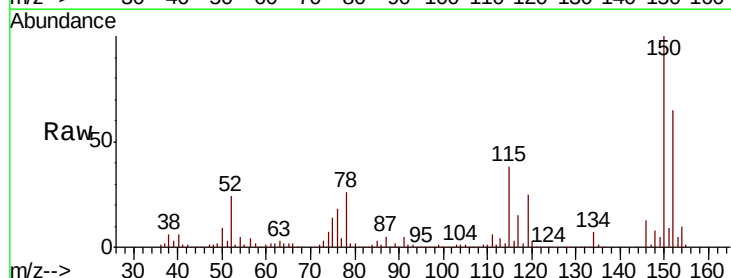
Tgt Ion:152 Resp: 111687

Ion Ratio Lower Upper

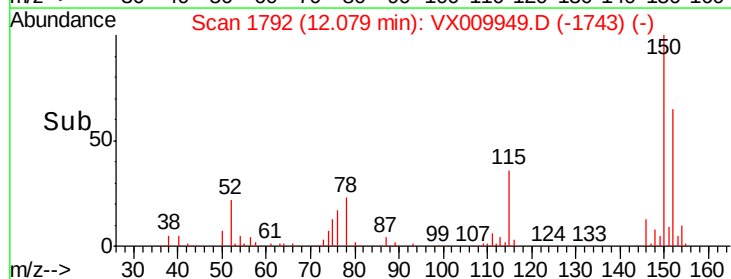
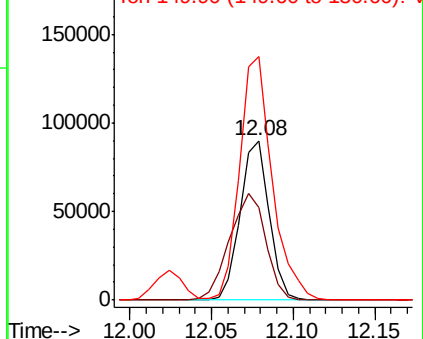
152 100

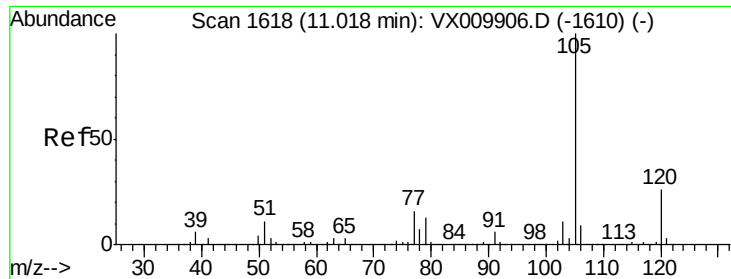
115 83.8 41.4 124.2

150 171.8 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: 53.165 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

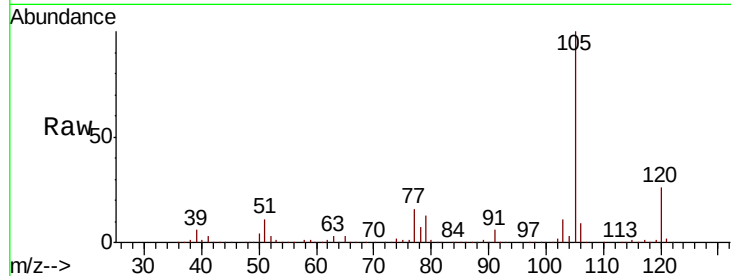
VSTDCCC050EC

Tot Ion:105 Resp: 438108

Ion Ratio Lower Upper

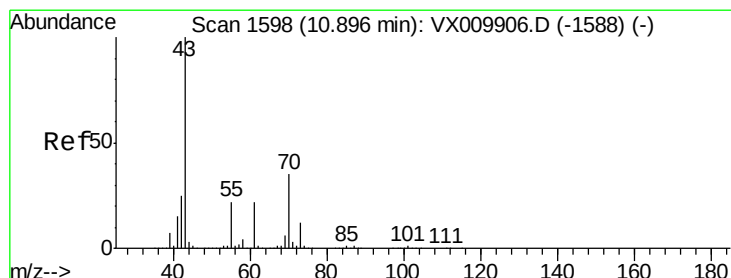
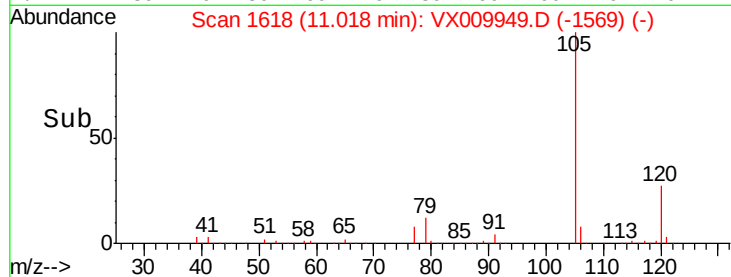
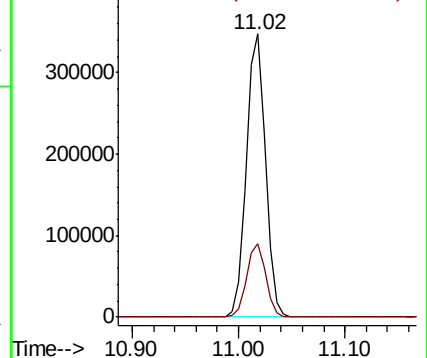
105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.388 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Tgt Ion: 43 Resp: 272740

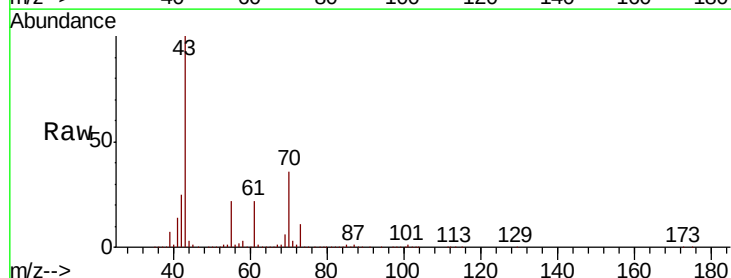
Ion Ratio Lower Upper

43 100

70 35.4 28.6 43.0

55 22.1 17.8 26.8

61 21.7 17.7 26.5

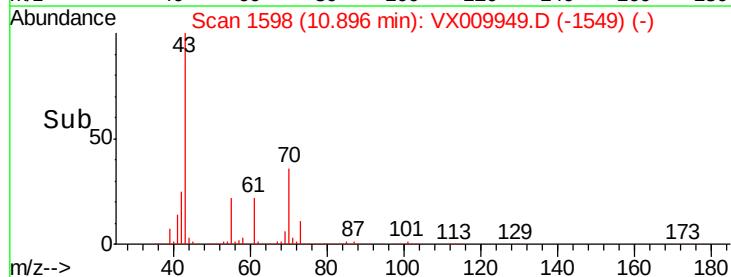
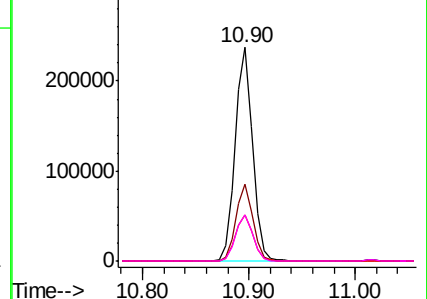


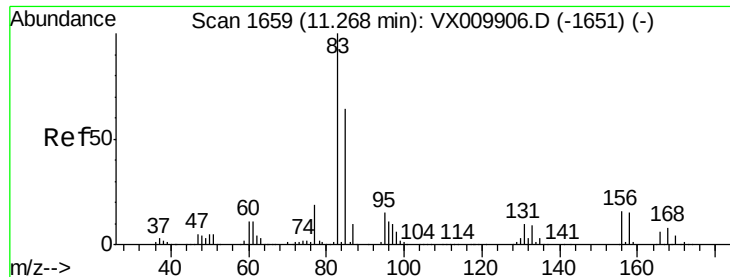
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 52.239 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

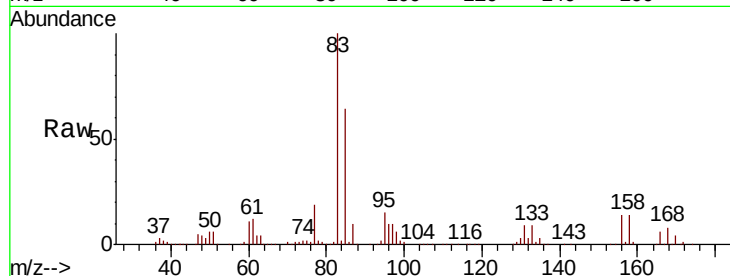
Tot Ion: 83 Resp: 160598

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.1

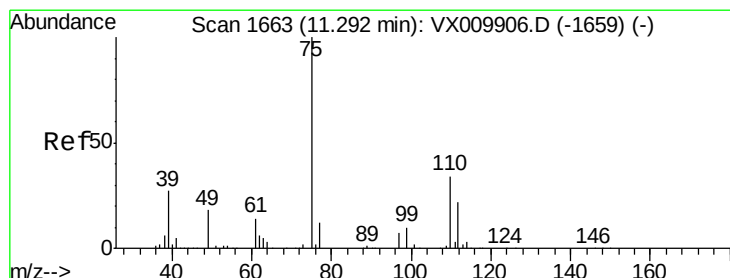
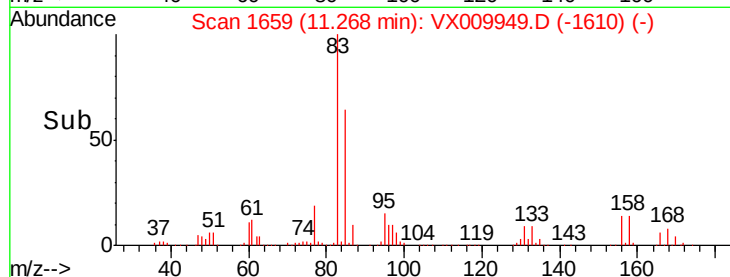
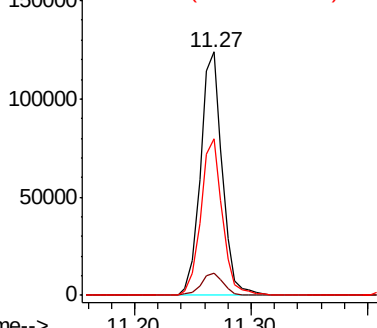
85 64.1 31.9 95.9



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: 72.278 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009949.D

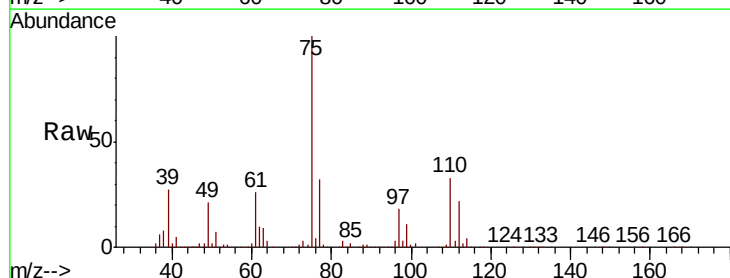
Acq: 29 May 2019 18:47

Tgt Ion: 75 Resp: 193038

Ion Ratio Lower Upper

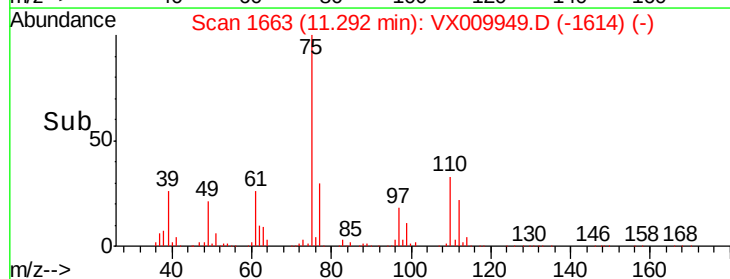
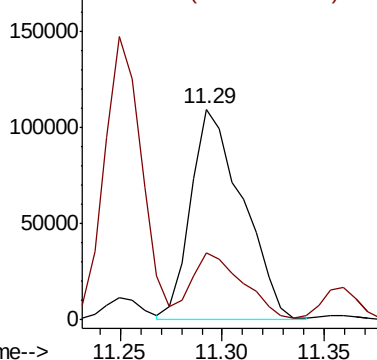
75 100

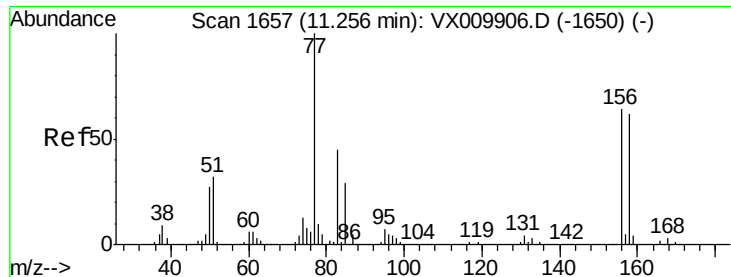
77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.430 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

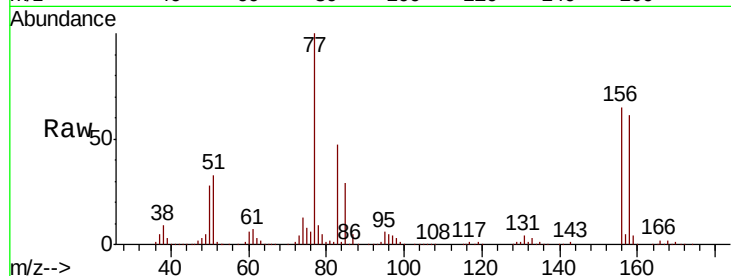
Tot Ion:156 Resp: 108005

Ion Ratio Lower Upper

156 100

77 173.1 86.8 260.3

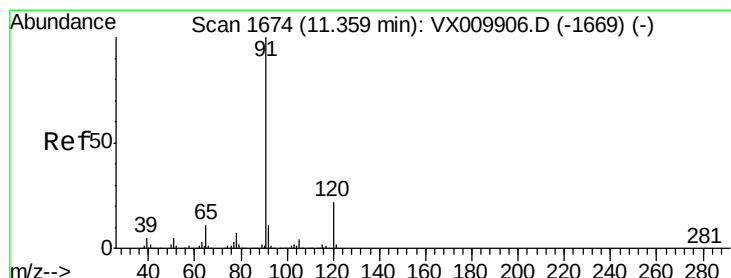
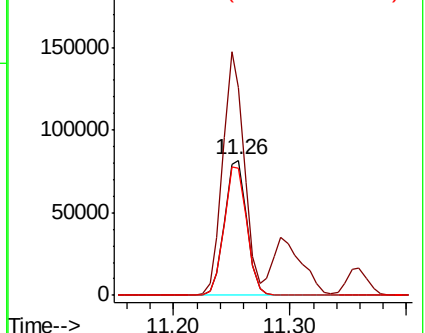
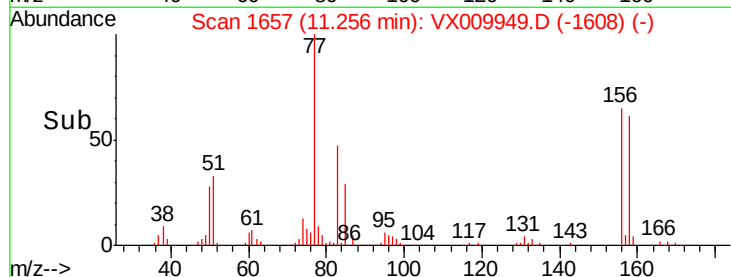
158 96.8 49.6 148.8



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: 53.883 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009949.D

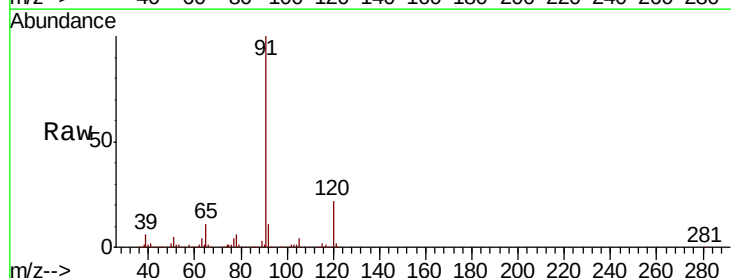
Acq: 29 May 2019 18:47

Tgt Ion: 91 Resp: 511805

Ion Ratio Lower Upper

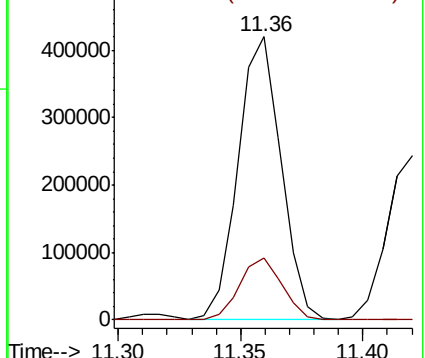
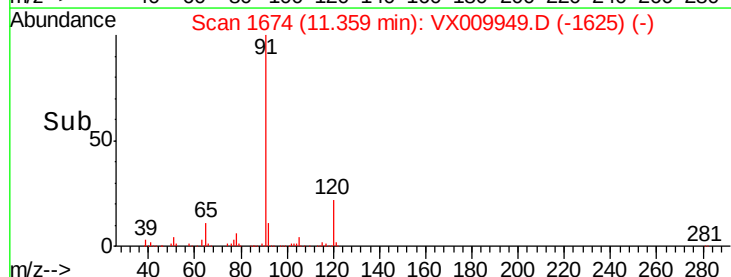
91 100

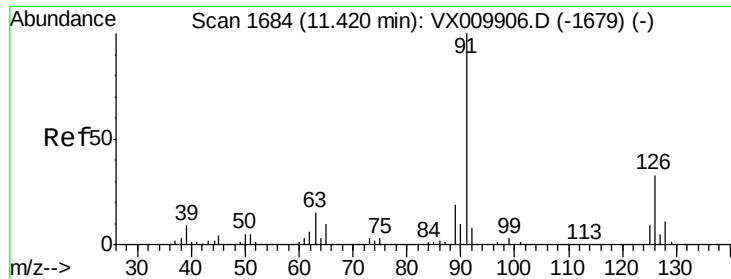
120 21.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.637 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

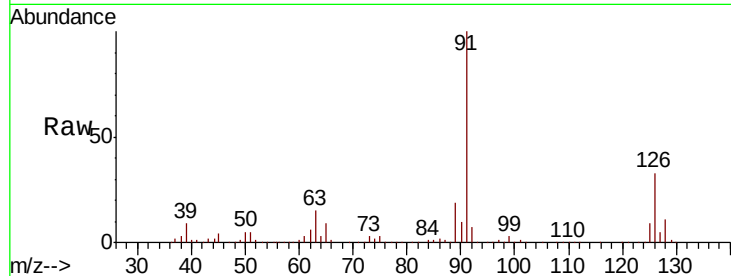
VSTDCCC050EC

Tot Ion: 91 Resp: 299666

Ion Ratio Lower Upper

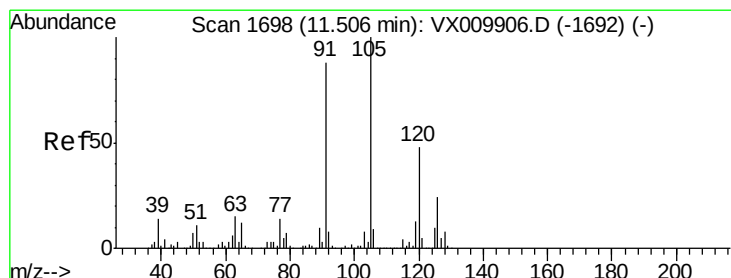
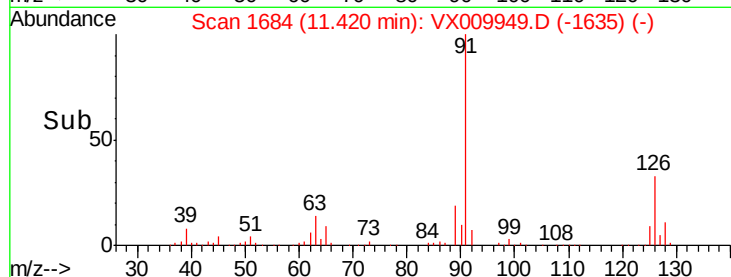
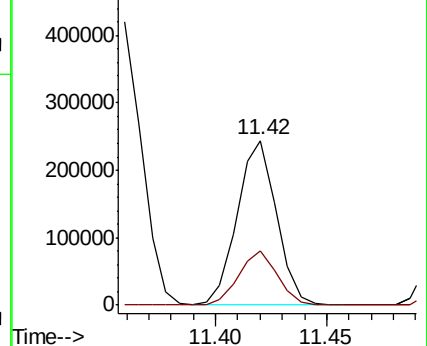
91 100

126 32.4 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.784 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009949.D

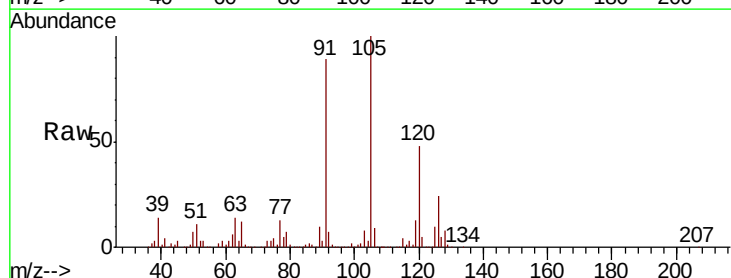
Acq: 29 May 2019 18:47

Tgt Ion:105 Resp: 366442

Ion Ratio Lower Upper

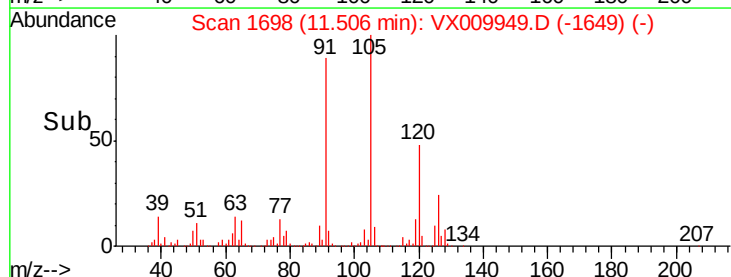
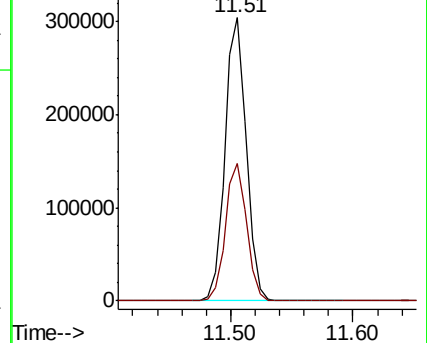
105 100

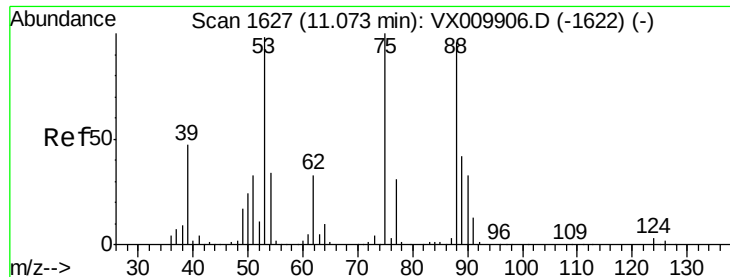
120 48.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.410 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

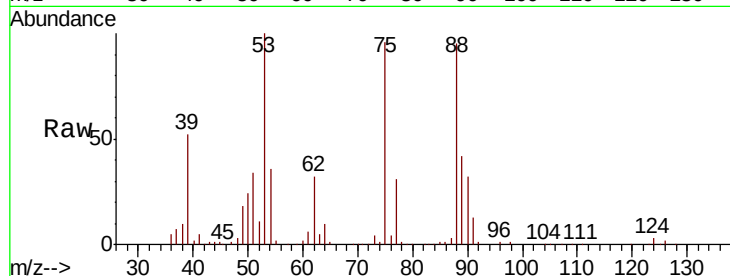
Tot Ion: 75 Resp: 55496

Ion Ratio Lower Upper

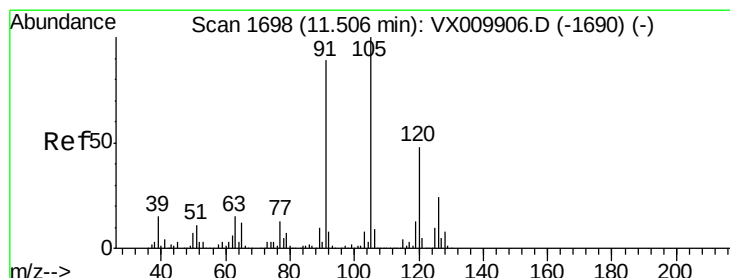
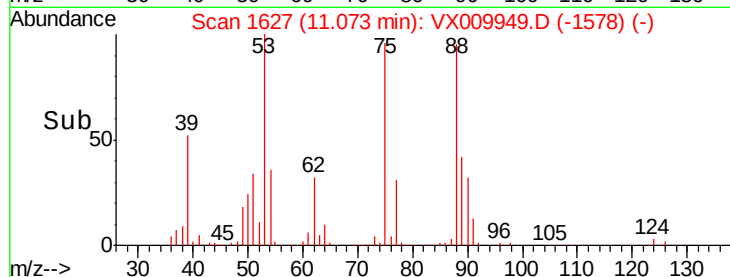
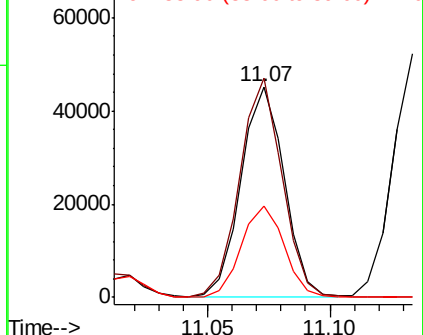
75 100

53 101.9 79.8 119.6

89 43.4 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: 51.961 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009949.D

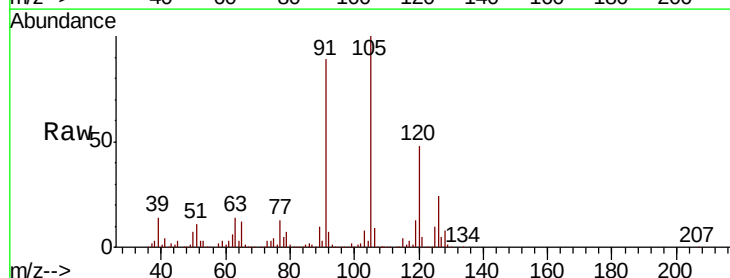
Acq: 29 May 2019 18:47

Tgt Ion: 91 Resp: 351032

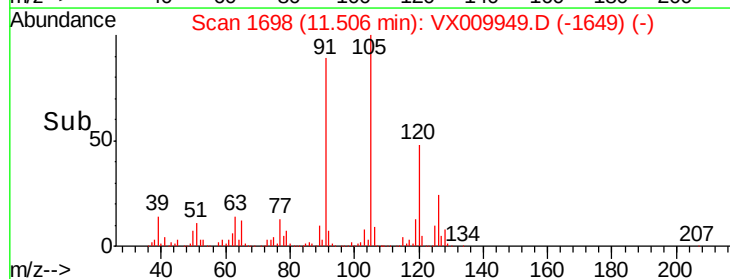
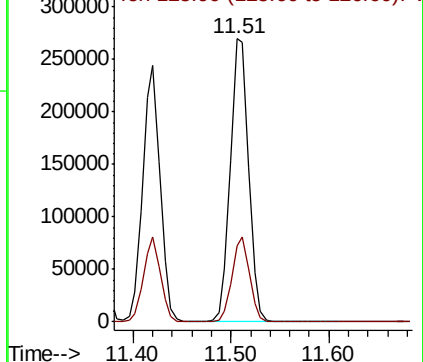
Ion Ratio Lower Upper

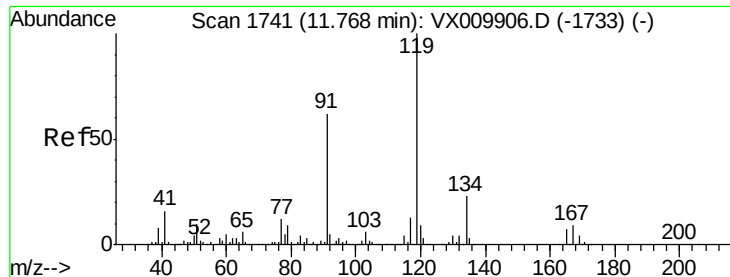
91 100

126 28.7 14.2 42.6



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

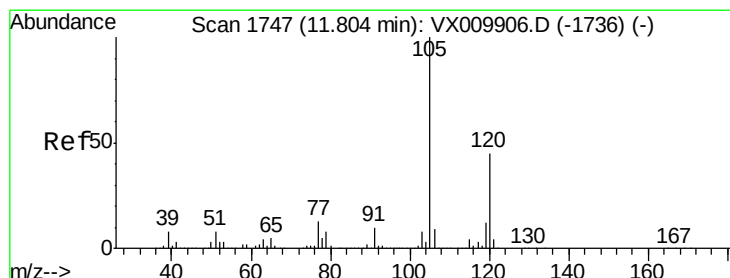
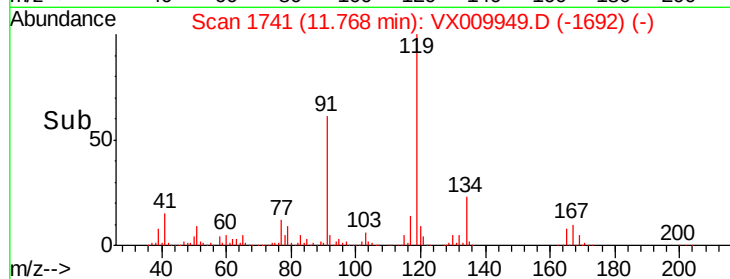
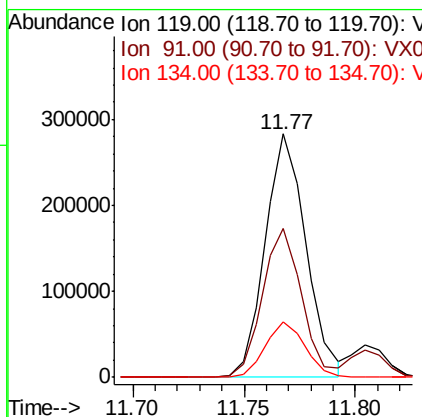
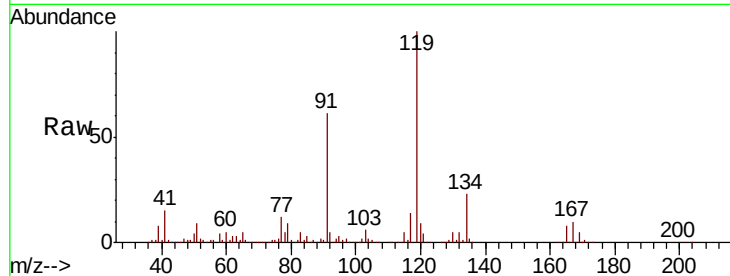




#83
 tert-Butylbenzene
 Concen: 54.181 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

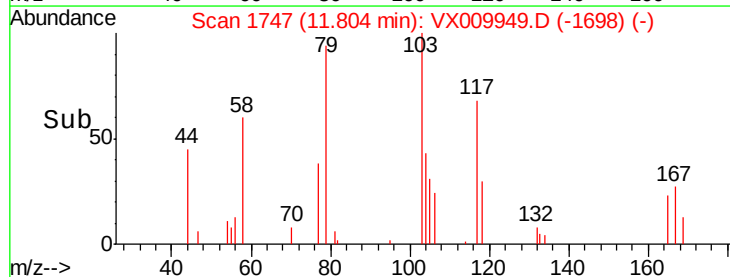
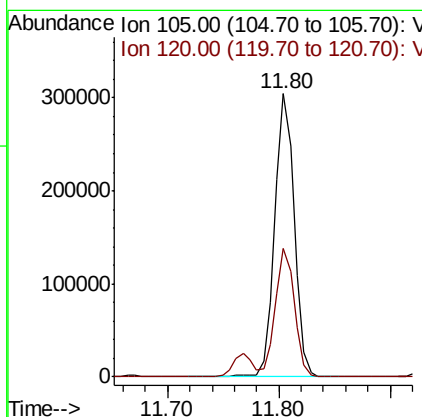
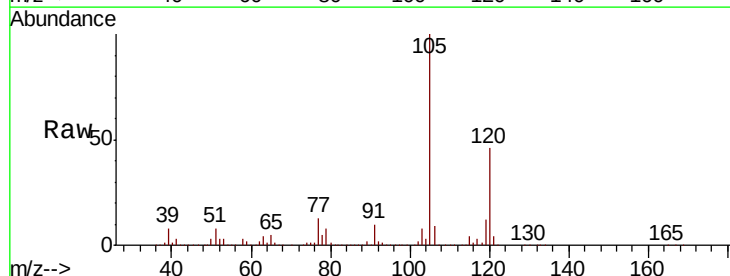
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

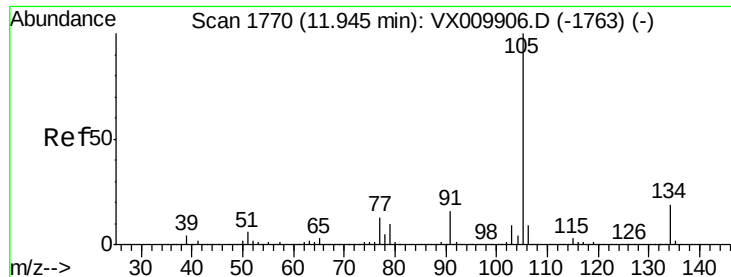
Tot Ion:119 Resp: 359861
 Ion Ratio Lower Upper
 119 100
 91 59.0 30.0 90.0
 134 22.2 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.597 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Tgt Ion:105 Resp: 370826
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 53.824 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

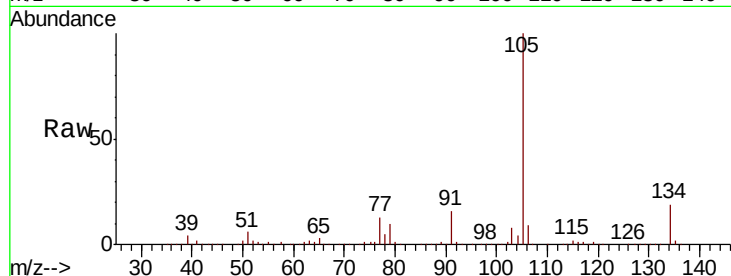
VSTDCCC050EC

Tot Ion:105 Resp: 425295

Ion Ratio Lower Upper

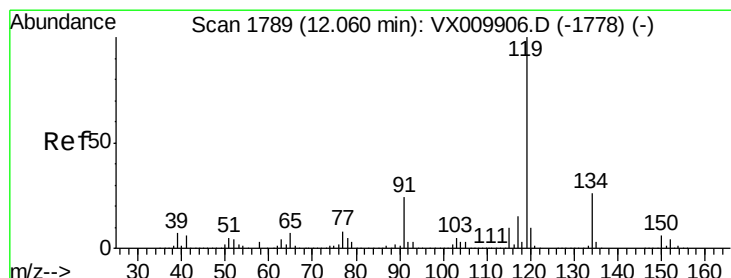
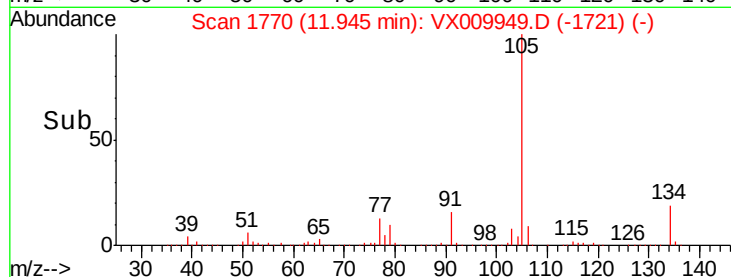
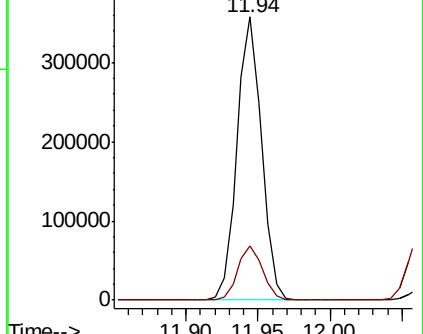
105 100

134 19.2 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: 54.354 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

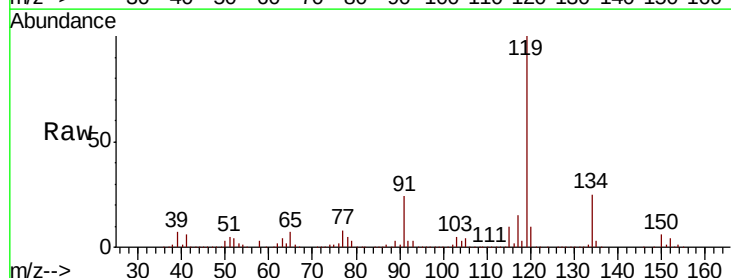
Tgt Ion:119 Resp: 386303

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

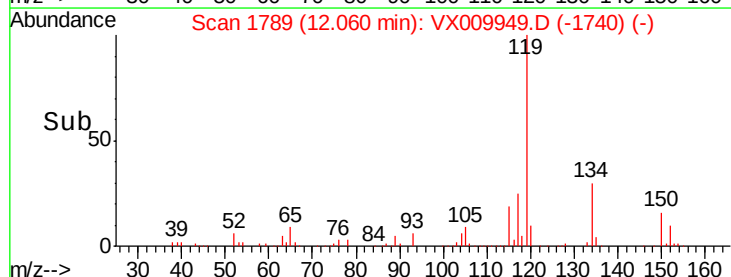
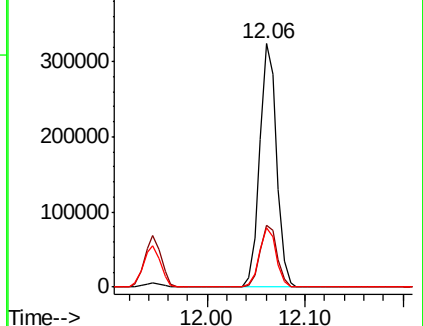
91 24.1 11.9 35.9

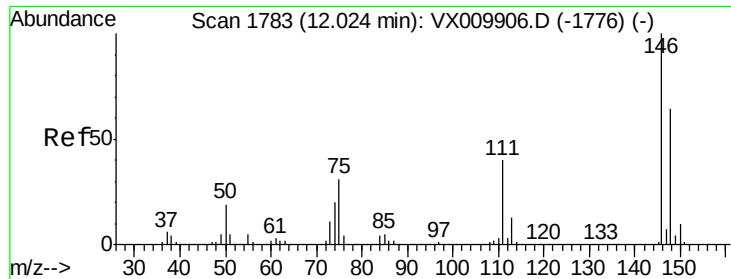


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

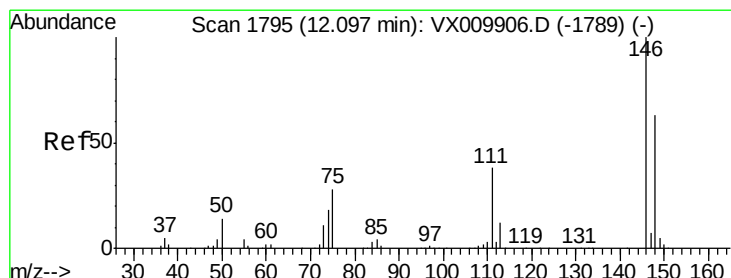
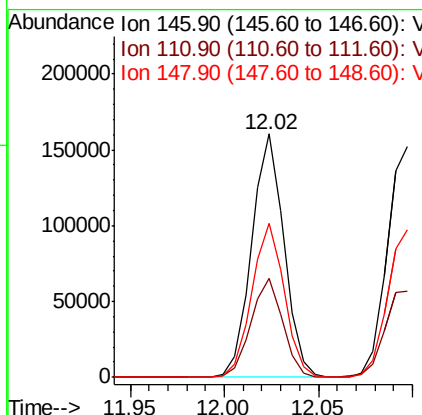
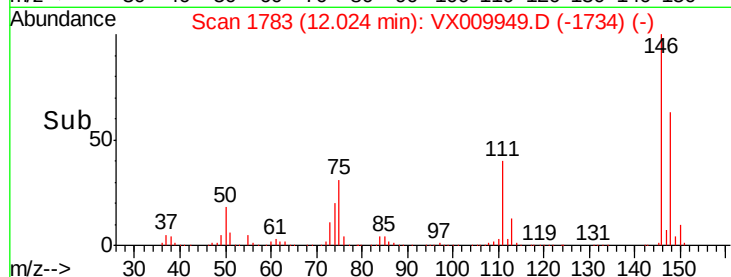
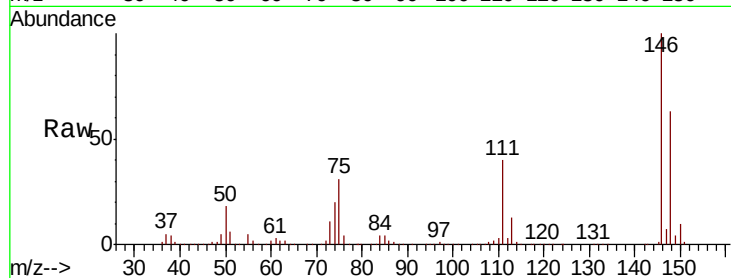




#87
 1,3-Dichlorobenzene
 Concen: 50.943 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

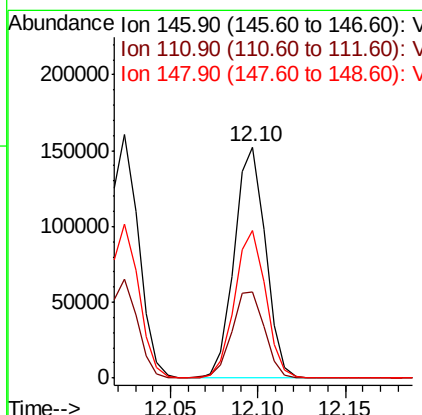
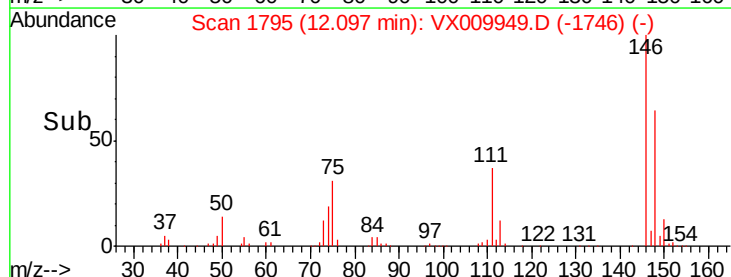
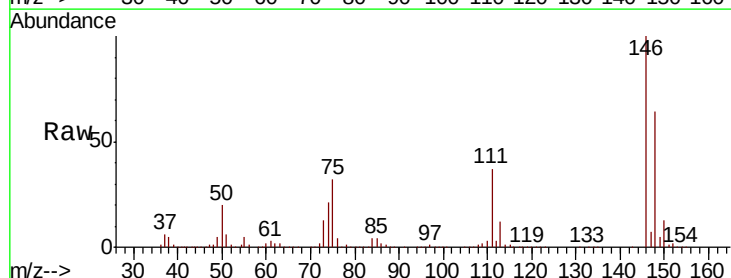
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

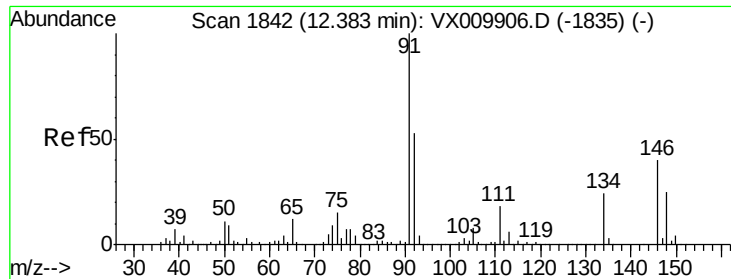
Tot Ion:146 Resp: 190465
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.2
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.505 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Tgt Ion:146 Resp: 188763
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 59.9
 148 64.0 32.3 96.9





#89

n-Butylbenzene

Concen: 53.636 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

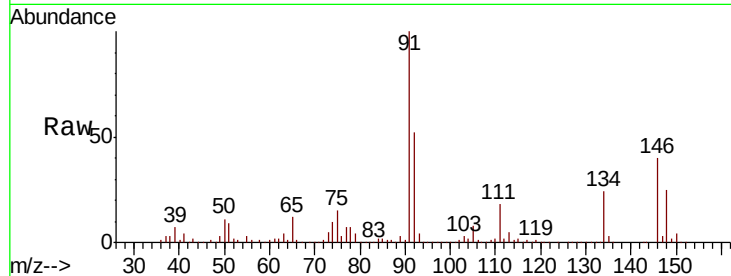
Tot Ion: 91 Resp: 358251

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.8

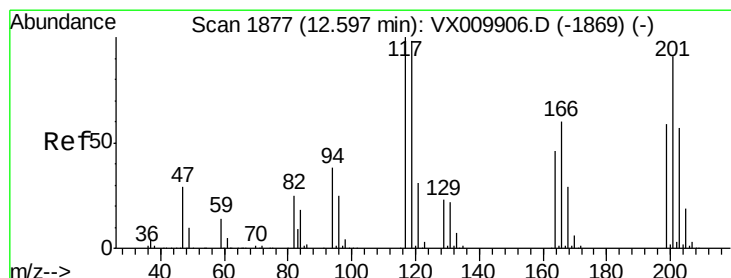
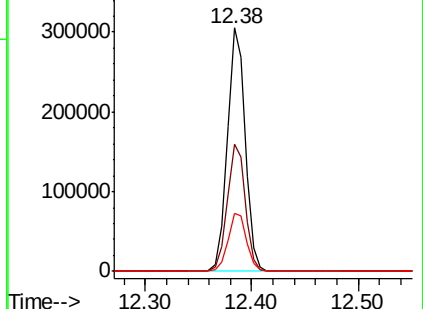
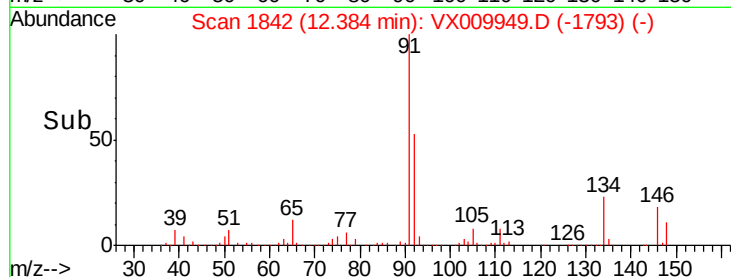
134 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX009949.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX009949.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX009949.D (-1793) (-)



#90

Hexachloroethane

Concen: 54.766 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009949.D

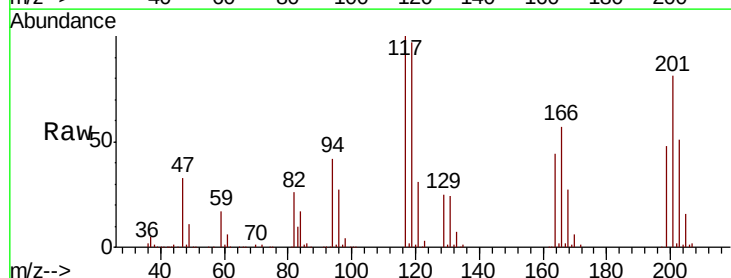
Acq: 29 May 2019 18:47

Tgt Ion: 117 Resp: 66797

Ion Ratio Lower Upper

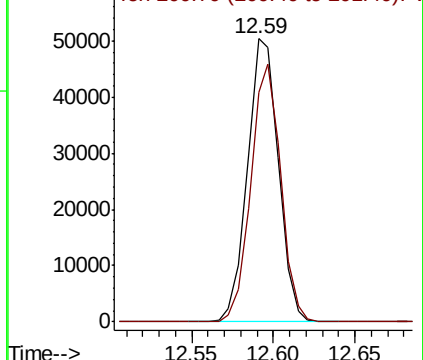
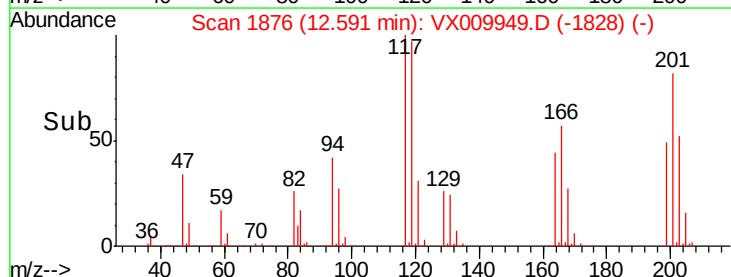
117 100

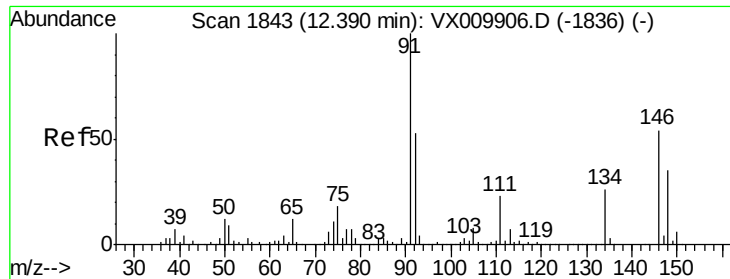
201 87.7 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VX009949.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX009949.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 51.302 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

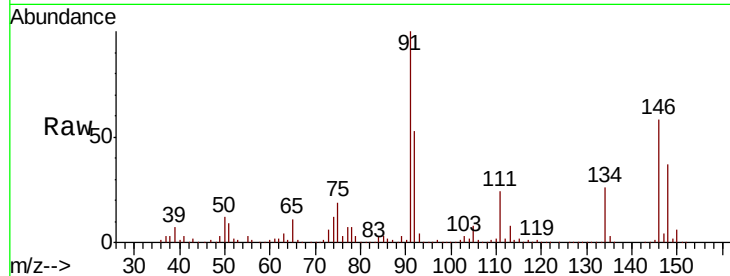
Tot Ion:146 Resp: 189107

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.1

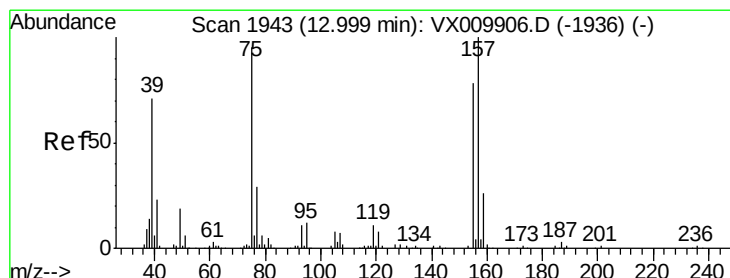
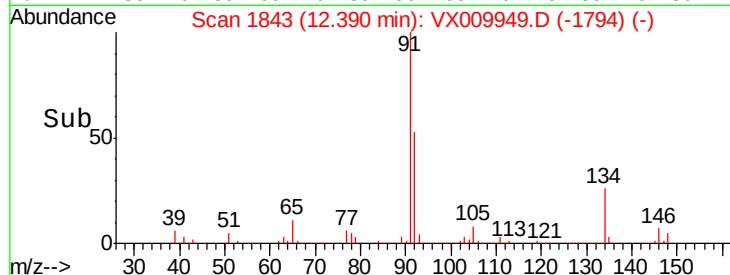
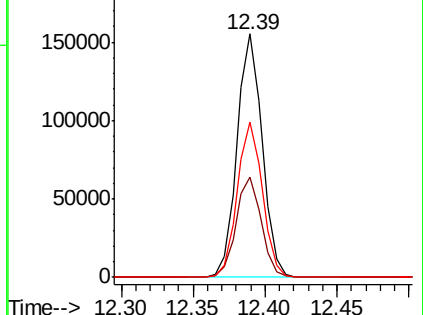
148 63.7 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.044 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009949.D

Acq: 29 May 2019 18:47

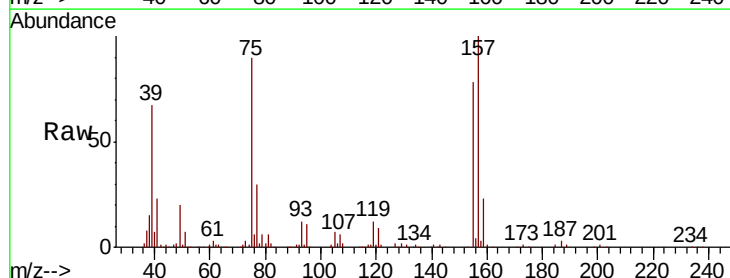
Tgt Ion: 75 Resp: 36214

Ion Ratio Lower Upper

75 100

155 81.6 39.3 117.8

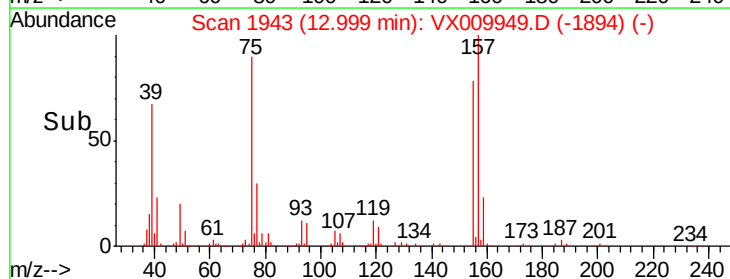
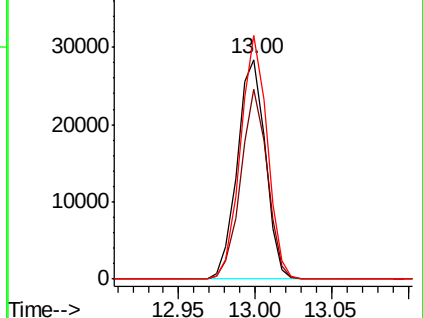
157 105.8 50.6 151.8

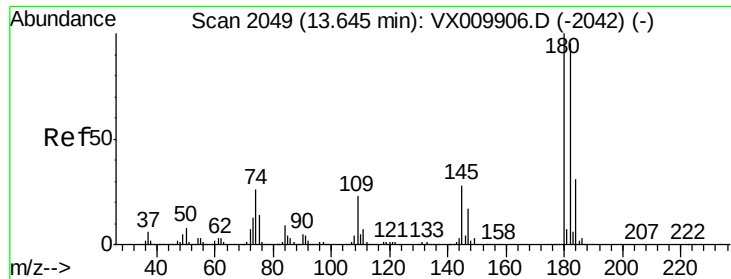


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

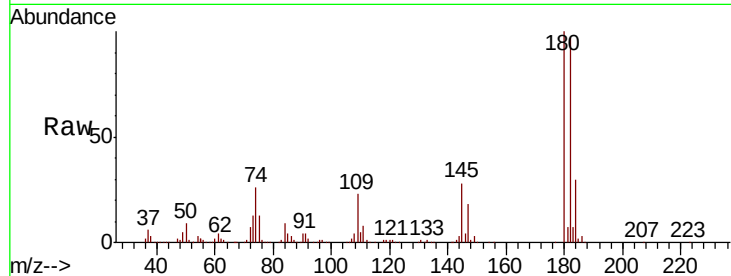




#93
 1,2,4-Trichlorobenzene
 Concen: 50.878 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.2
145	29.4	14.5	43.5

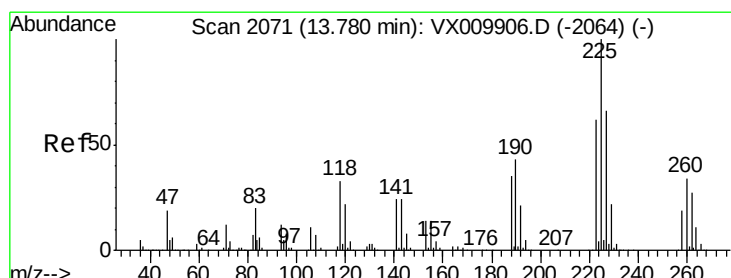
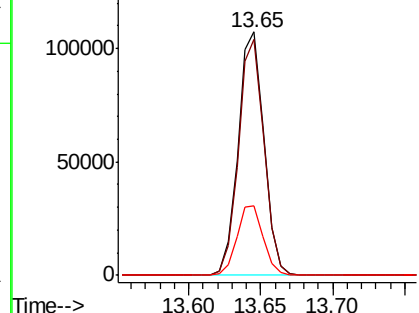
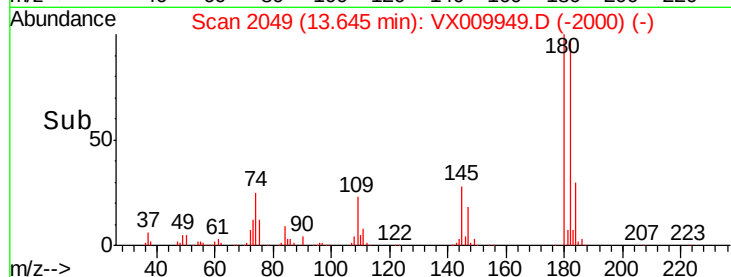


Abundance

Ion 179.80 (179.50 to 180.50): V

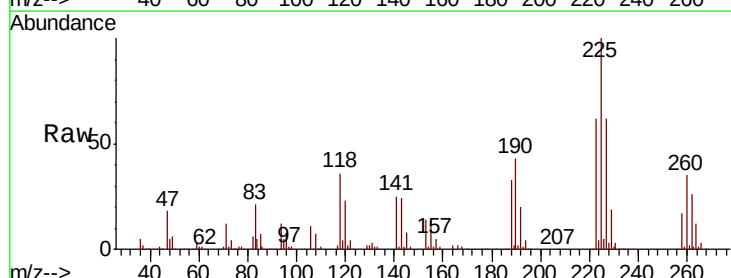
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.501 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009949.D
 Acq: 29 May 2019 18:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	64.2	32.3	96.8

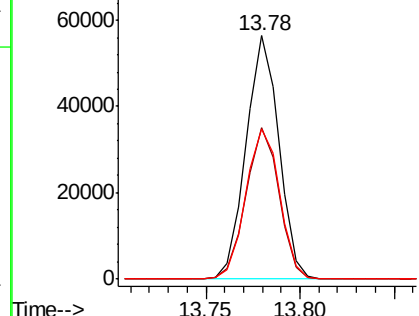
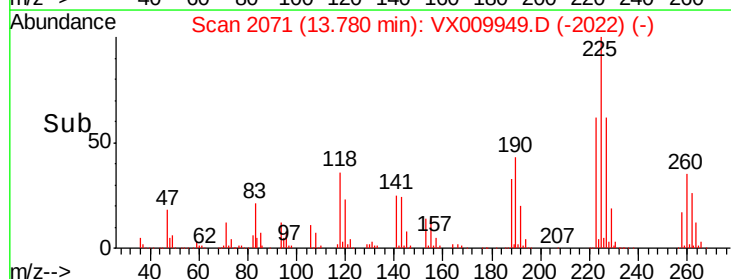


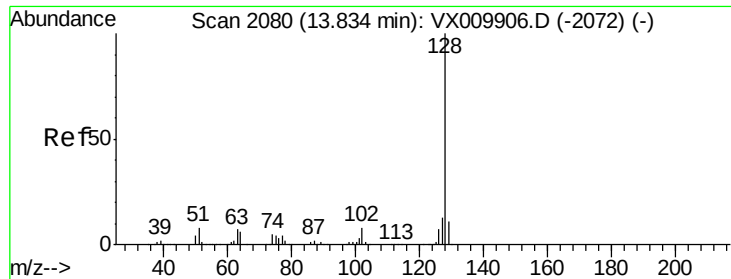
Abundance

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

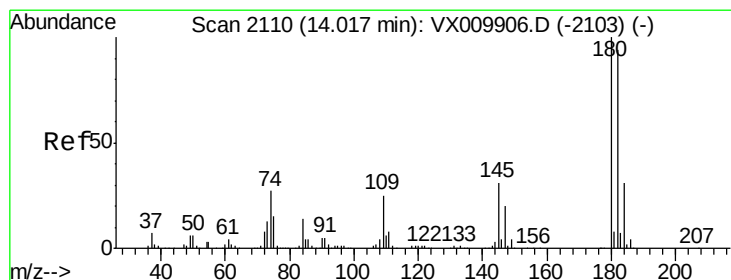
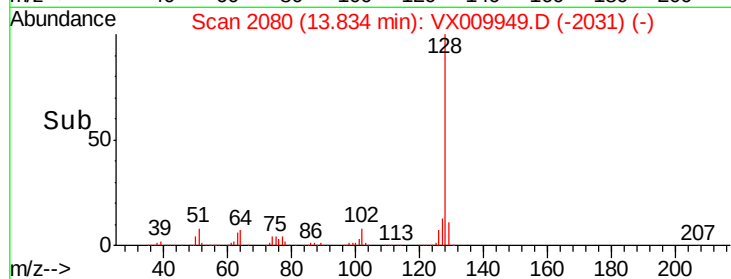
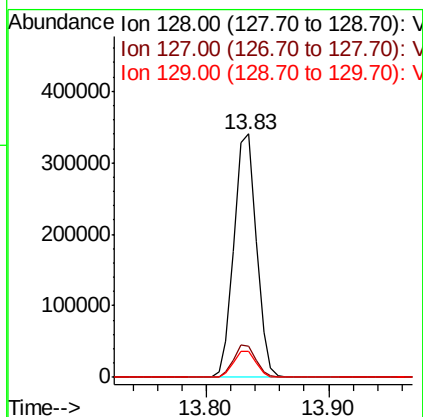
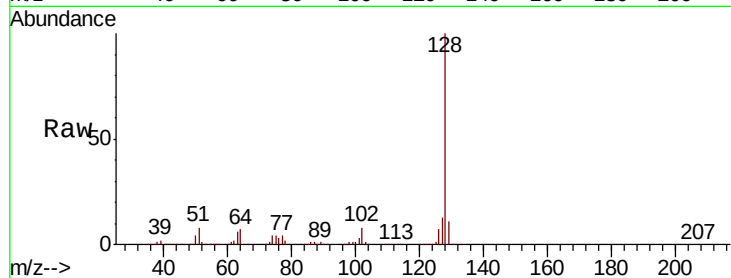




#95
Naphthalene
Concen: 52.396 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 429515
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.829 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009949.D
Acq: 29 May 2019 18:47

Tgt Ion:180 Resp: 134026
Ion Ratio Lower Upper
180 100
182 95.6 47.3 142.0
145 30.8 15.6 46.7

