

Data File : VX009713.D
Acq On : 18 May 2019 12:30
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 20 04:19:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	127403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	215709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	197115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98215	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	94215	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	5.49	113	69368	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	8.71	98	266745	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	100902	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	51336	43.726	ug/l 96
3) Chloromethane	1.32	50	81961	51.134	ug/l 100
4) Vinyl Chloride	1.41	62	79381	50.788	ug/l 98
5) Bromomethane	1.64	94	44412	47.341	ug/l 99
6) Chloroethane	1.71	64	53872	53.684	ug/l 97
7) Trichlorofluoromethane	1.92	101	100340	52.813	ug/l 98
8) Diethyl Ether	2.19	74	50409	56.013	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58629	49.141	ug/l 99
10) Methyl Iodide	2.51	142	65443	47.466	ug/l 98
11) Tert butyl alcohol	3.06	59	120291	298.798	ug/l 100
12) 1,1-Dichloroethene	2.37	96	62932	52.645	ug/l 100
13) Acrolein	2.29	56	90624	248.563	ug/l 99
14) Allyl chloride	2.73	41	146065	50.139	ug/l 99
15) Acrylonitrile	3.14	53	293583	298.252	ug/l 99
16) Acetone	2.45	43	261778	280.311	ug/l 96
17) Carbon Disulfide	2.56	76	155187	46.239	ug/l 100
18) Methyl Acetate	2.78	43	134713	60.655	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	267232	57.567	ug/l 99
20) Methylene Chloride	2.85	84	80731	53.390	ug/l 94
21) trans-1,2-Dichloroethene	3.16	96	66619	51.387	ug/l 99
22) Diisopropyl ether	3.85	45	327719	58.496	ug/l 98
23) Vinyl Acetate	3.81	43	1391890	290.132	ug/l 99
24) 1,1-Dichloroethane	3.70	63	153890	55.681	ug/l 99
25) 2-Butanone	4.67	43	436761	300.960	ug/l 97
26) 2,2-Dichloropropane	4.58	77	46940	22.818	ug/l 91
27) cis-1,2-Dichloroethene	4.60	96	83537	53.984	ug/l 95
28) Bromochloromethane	5.01	49	57115	51.415	ug/l 98
29) Tetrahydrofuran	5.13	42	287337	307.688	ug/l 98
30) Chloroform	5.21	83	142250	56.908	ug/l 100
31) Cyclohexane	5.58	56	131582	51.173	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	114867	55.202	ug/l 99
36) 1,1-Dichloropropene	5.80	75	100827	50.297	ug/l 99
37) Ethyl Acetate	4.84	43	162497	58.180	ug/l 99
38) Carbon Tetrachloride	5.78	117	93024	51.075	ug/l 98

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Quant Time: May 20 04:19:35 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M

Quant Title : SW846 8260

QLast Update : Thu May 09 07:31:15 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110682	44.959	ug/l	98
40) Benzene	6.14	78	322131	51.924	ug/l	98
41) Methacrylonitrile	5.04	41	94079	56.586	ug/l	99
42) 1,2-Dichloroethane	6.19	62	124153	55.788	ug/l	98
43) Isopropyl Acetate	6.45	43	256768	57.474	ug/l	99
44) Trichloroethene	7.21	130	75939	50.632	ug/l	97
45) 1,2-Dichloropropane	7.51	63	94643	53.875	ug/l	100
46) Dibromomethane	7.66	93	55018	53.932	ug/l	100
47) Bromodichloromethane	7.90	83	109998	54.056	ug/l	99
48) Methyl methacrylate	7.77	41	130541	58.896	ug/l	98
49) 1,4-Dioxane	7.74	88	47913	1065.921	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	885804	303.346	ug/l	99
52) Toluene	8.78	92	195763	51.910	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	112079	48.785	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	122466	48.160	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	84615	54.997	ug/l	97
56) Ethyl methacrylate	9.18	69	156658	57.042	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148091	54.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	331657	227.638	ug/l	100
59) 2-Hexanone	9.49	43	678484	295.840	ug/l	98
60) Dibromochloromethane	9.58	129	83243	55.397	ug/l	99
61) 1,2-Dibromoethane	9.67	107	85423	55.003	ug/l	99
64) Tetrachloroethene	9.34	164	75646	55.946	ug/l	98
65) Chlorobenzene	10.13	112	205558	52.130	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	78421	54.856	ug/l	99
67) Ethyl Benzene	10.25	91	377167	51.973	ug/l	100
68) m/p-Xylenes	10.36	106	275622	103.933	ug/l	98
69) o-Xylene	10.69	106	137565	52.576	ug/l	99
70) Styrene	10.71	104	246103	54.116	ug/l	99
71) Bromoform	10.85	173	65795	56.635	ug/l	99
73) Isopropylbenzene	11.02	105	366857	51.366	ug/l	99
74) N-amyl acetate	10.90	43	234524	56.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	144384	54.230	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	158170	69.427	ug/l	81
77) Bromobenzene	11.26	156	91785	51.777	ug/l	98
78) n-propylbenzene	11.36	91	415915	50.991	ug/l	100
79) 2-Chlorotoluene	11.42	91	254557	50.585	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	310810	51.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36587	41.090	ug/l	96
82) 4-Chlorotoluene	11.51	91	290466	51.094	ug/l	100
83) tert-Butylbenzene	11.77	119	292412	49.985	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	314594	52.118	ug/l	99
85) sec-Butylbenzene	11.94	105	351743	50.715	ug/l	100
86) p-Isopropyltoluene	12.06	119	316376	50.741	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	162169	51.317	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	162942	51.143	ug/l	100
89) n-Butylbenzene	12.38	91	274323	48.677	ug/l	100
90) Hexachloroethane	12.60	117	54617	51.416	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	166234	51.646	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32859	55.016	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051719\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

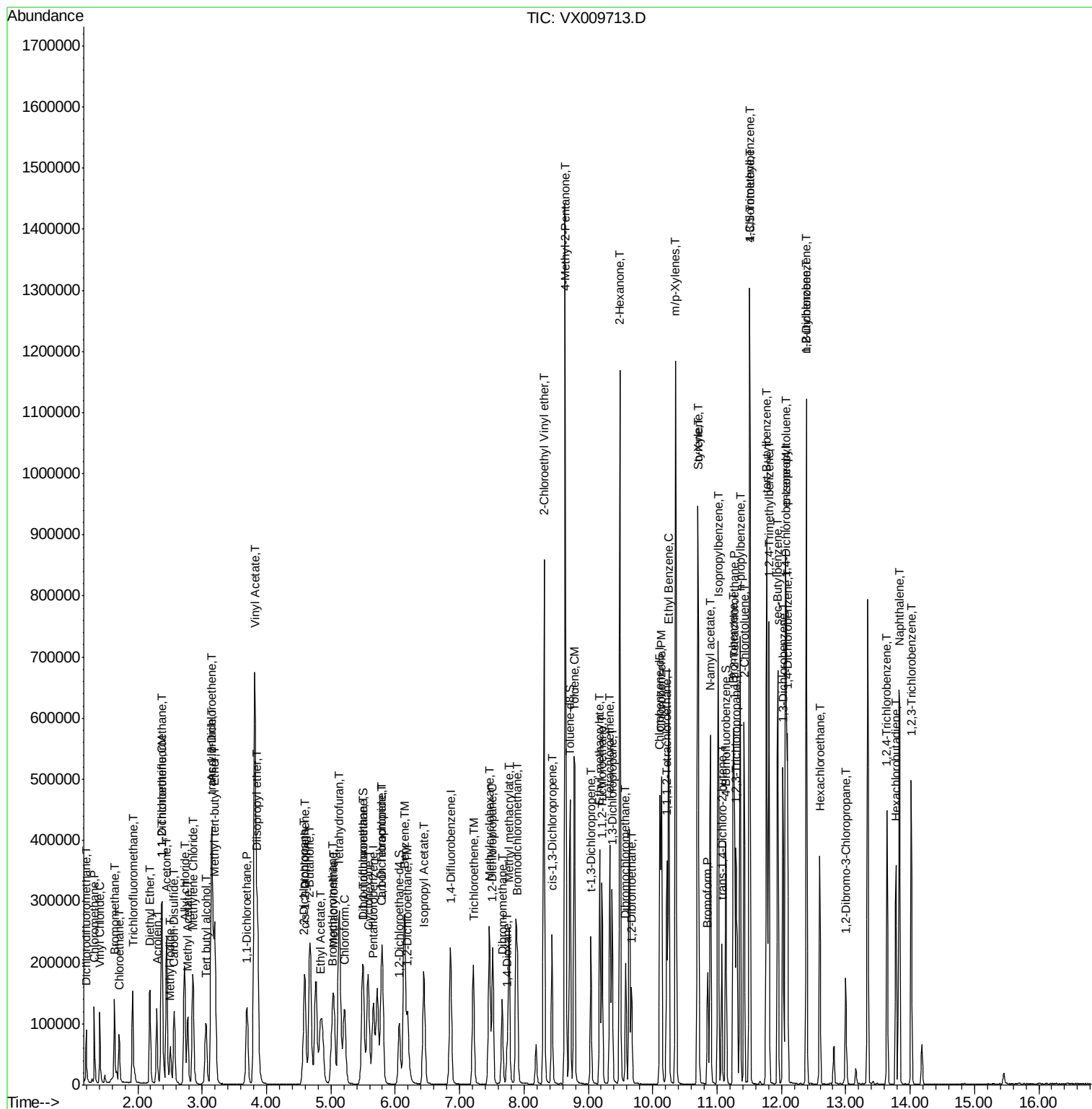
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113363	51.503	ug/l	98
94) Hexachlorobutadiene	13.78	225	54553	48.534	ug/l	99
95) Naphthalene	13.83	128	387985	54.180	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116732	52.319	ug/l	99

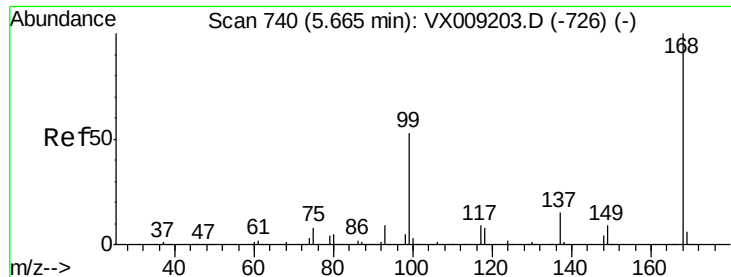
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

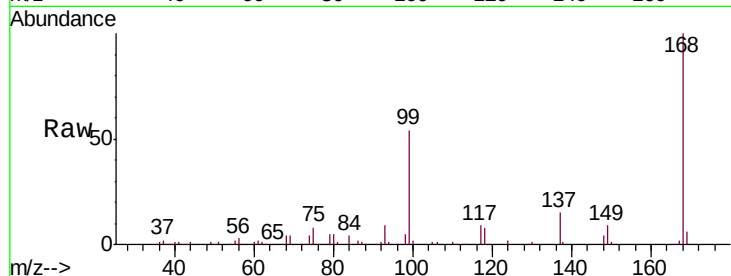
VSTDCCC050EC

Tgt Ion:168 Resp: 127403

Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5



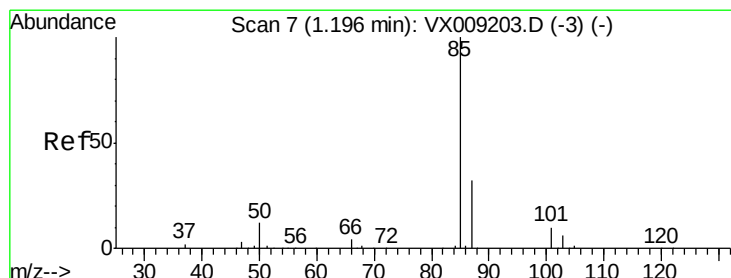
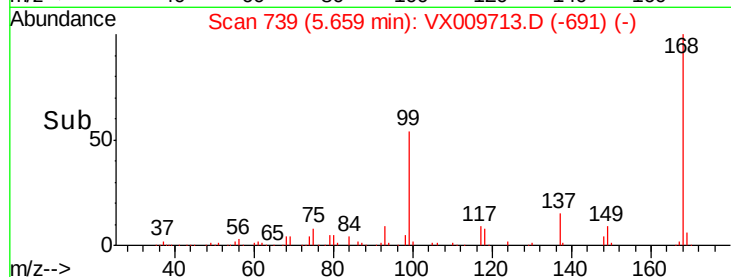
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.726 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009713.D

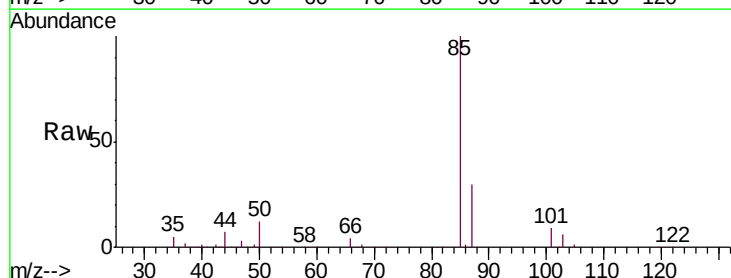
Acq: 18 May 2019 12:30

Tgt Ion: 85 Resp: 51336

Ion Ratio Lower Upper

85 100

87 30.0 16.1 48.3



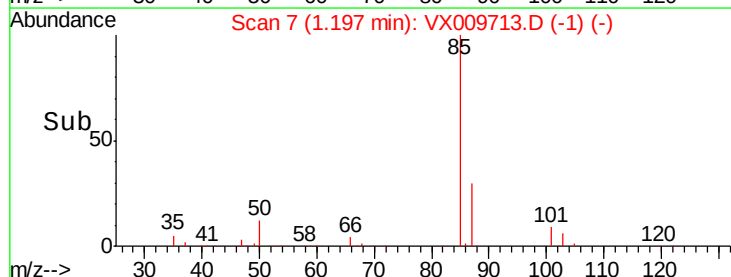
Abundance Ion 84.90 (84.60 to 85.60): VX0

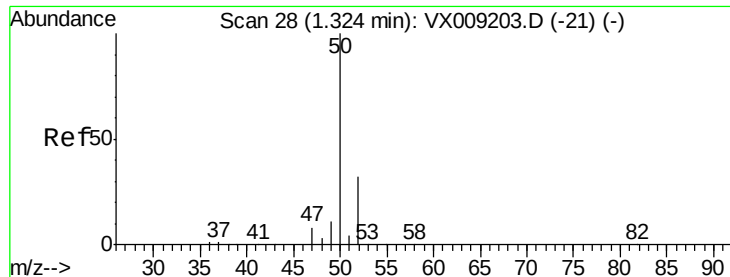
Ion 86.90 (86.60 to 87.60): VX0

1.20

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.134 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

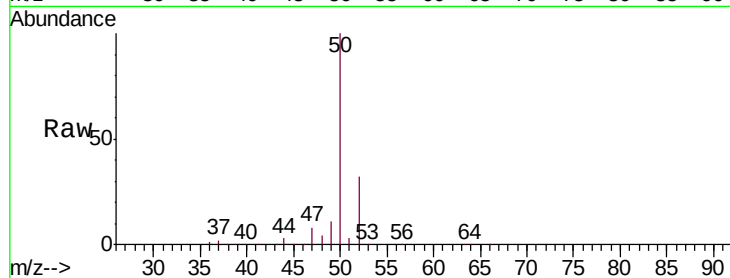
VSTDCCC050EC

Tgt Ion: 50 Resp: 81961

Ion Ratio Lower Upper

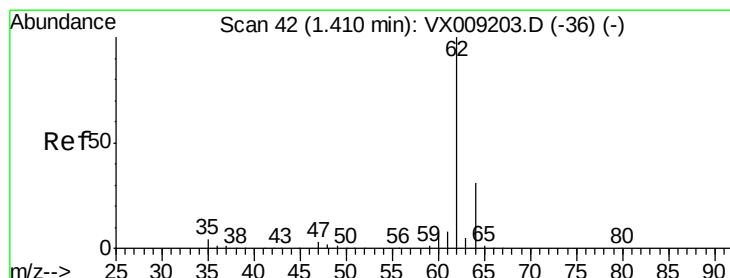
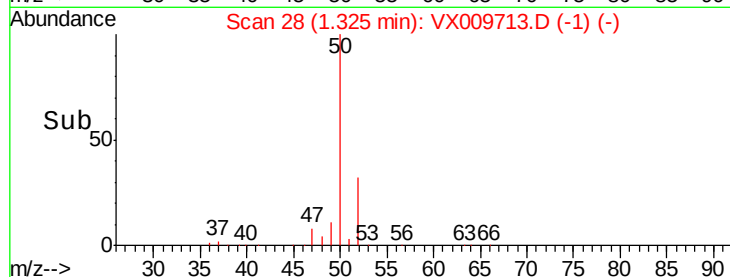
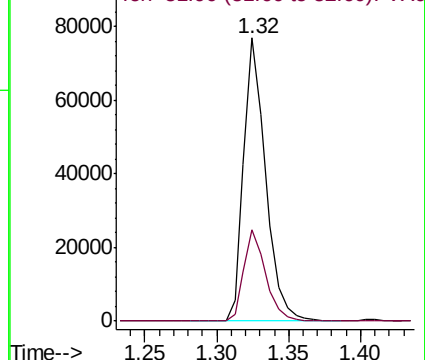
50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.788 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009713.D

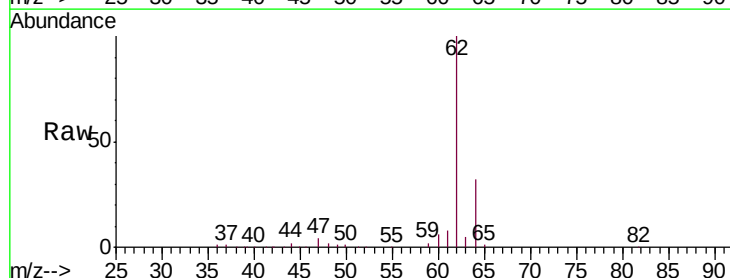
Acq: 18 May 2019 12:30

Tgt Ion: 62 Resp: 79381

Ion Ratio Lower Upper

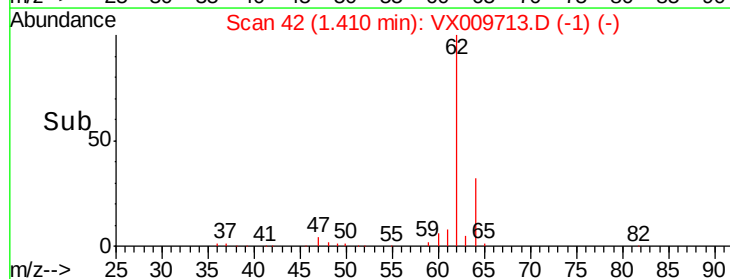
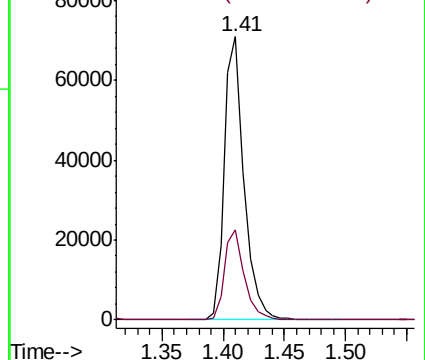
62 100

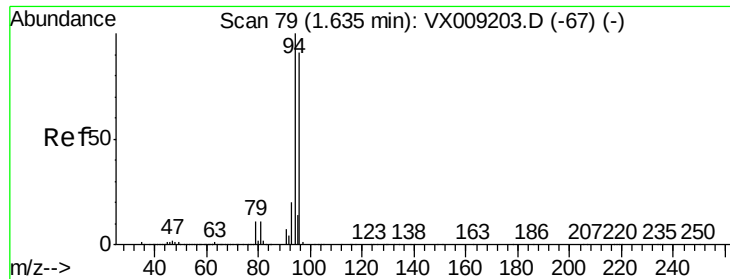
64 31.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.341 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

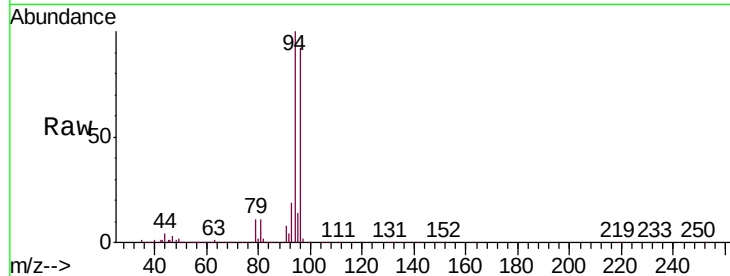
VSTDCCC050EC

Tgt Ion: 94 Resp: 44412

Ion Ratio Lower Upper

94 100

96 92.2 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

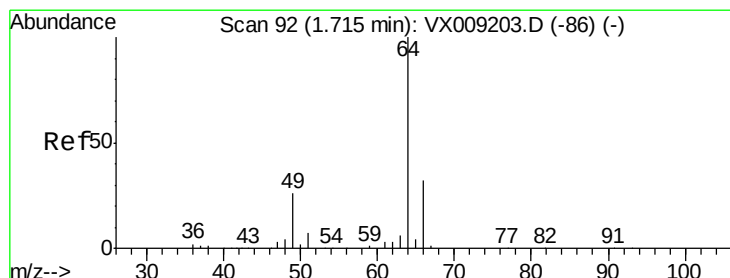
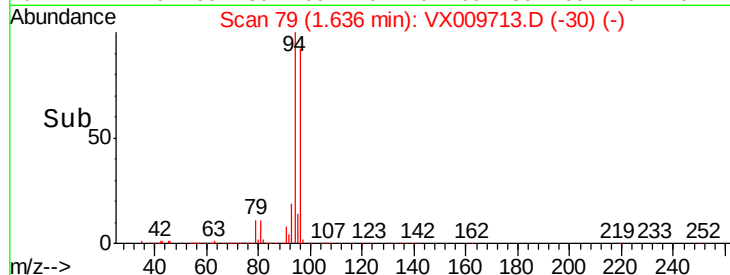
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 53.684 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009713.D

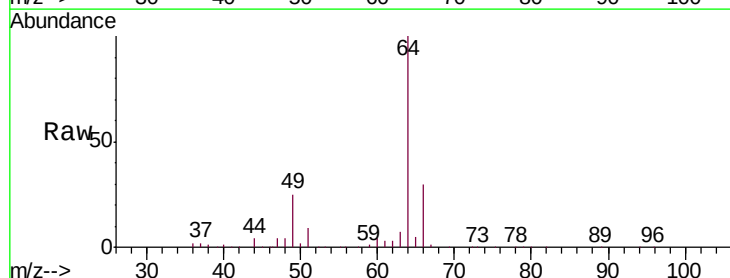
Acq: 18 May 2019 12:30

Tgt Ion: 64 Resp: 53872

Ion Ratio Lower Upper

64 100

66 30.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

40000

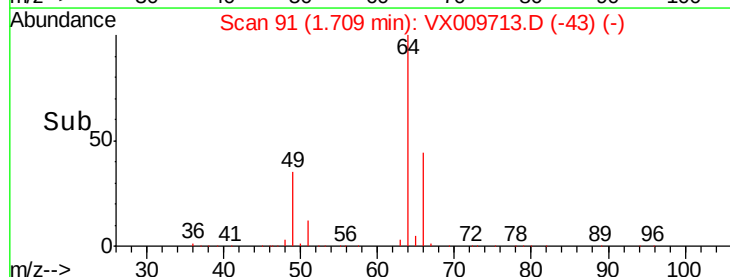
30000

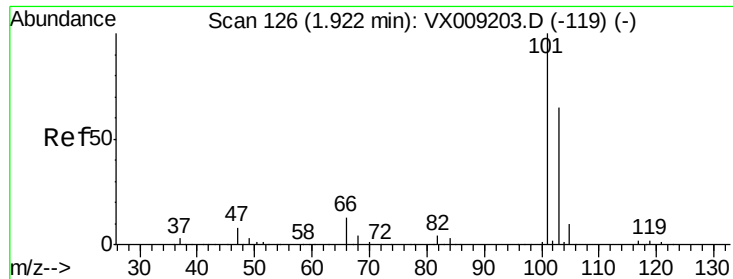
20000

10000

0

Time--> 1.60 1.65 1.70 1.75 1.80



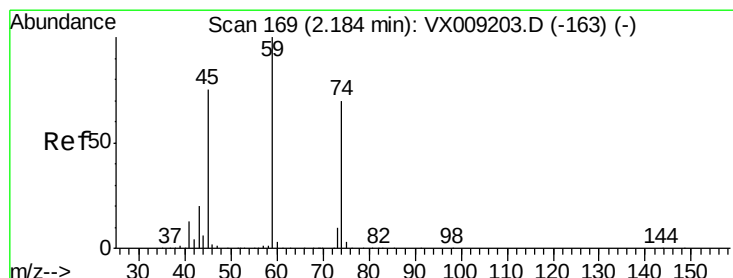
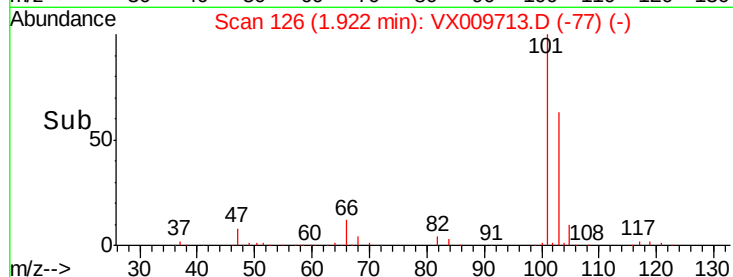
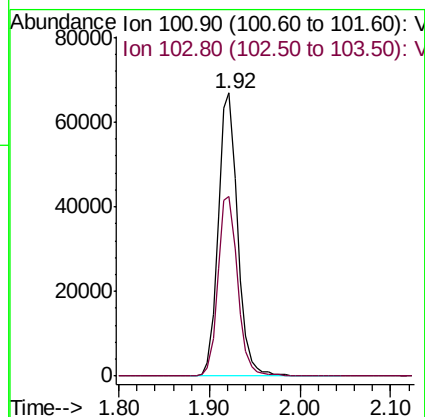
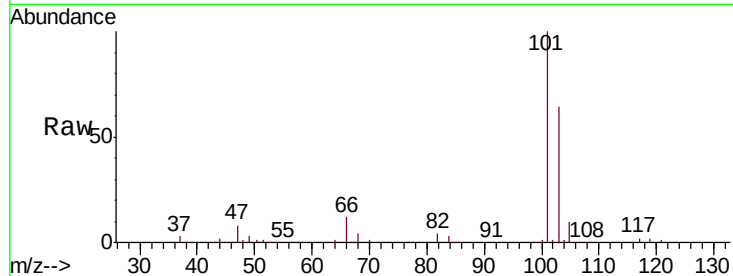


#7

Trichlorofluoromethane
 Concen: 52.813 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

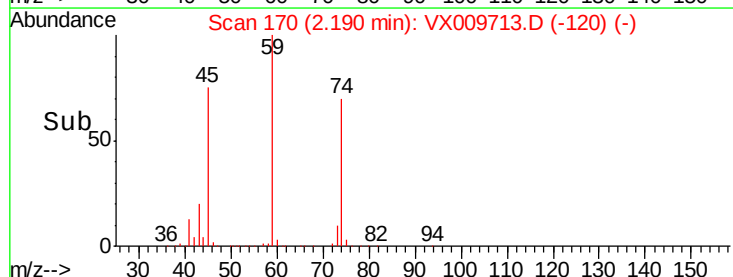
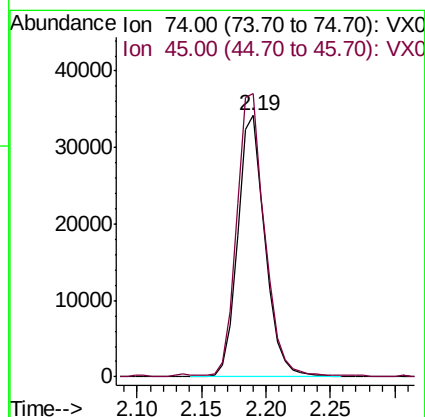
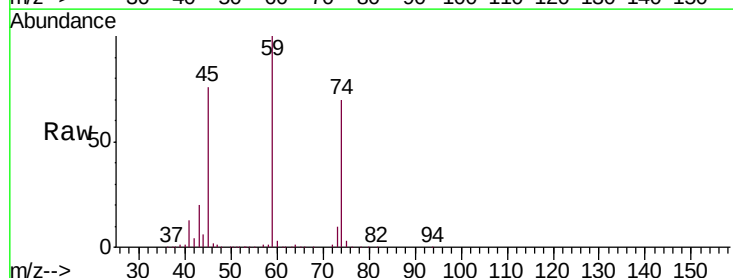
Tgt Ion: 101 Resp: 100340
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.4 78.6

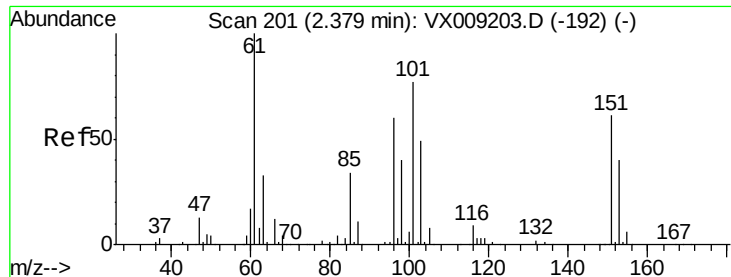


#8

Diethyl Ether
 Concen: 56.013 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion: 74 Resp: 50409
 Ion Ratio Lower Upper
 74 100
 45 110.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.141 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

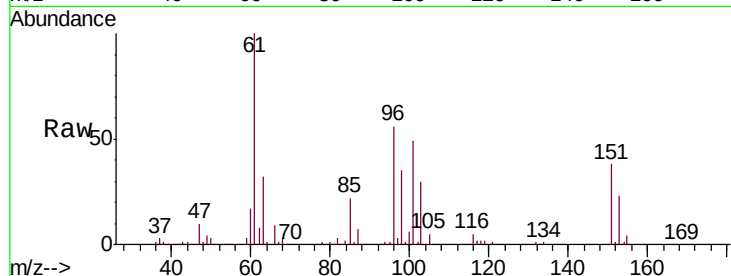
Tgt Ion:101 Resp: 58629

Ion Ratio Lower Upper

101 100

85 45.3 35.7 53.5

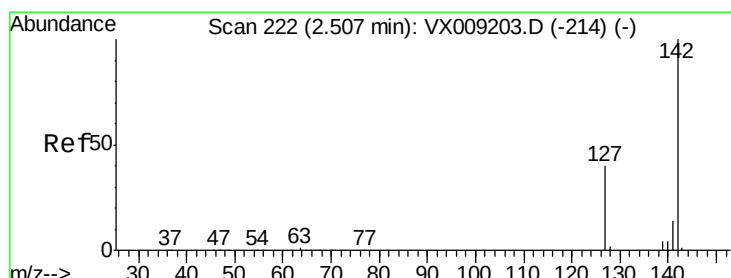
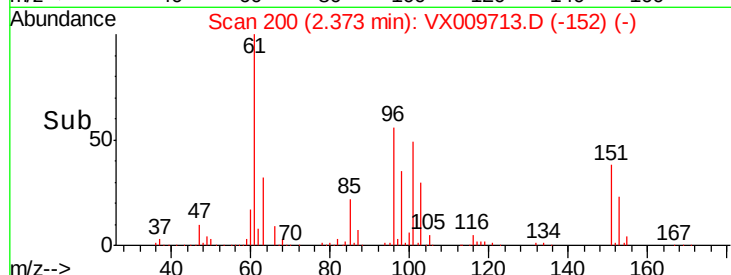
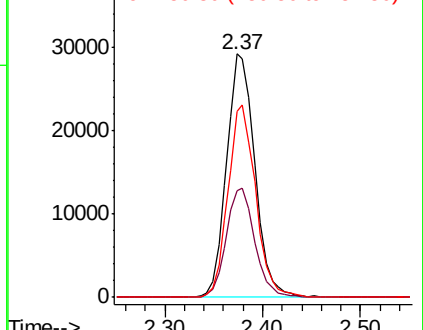
151 77.4 62.2 93.2



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: 47.466 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

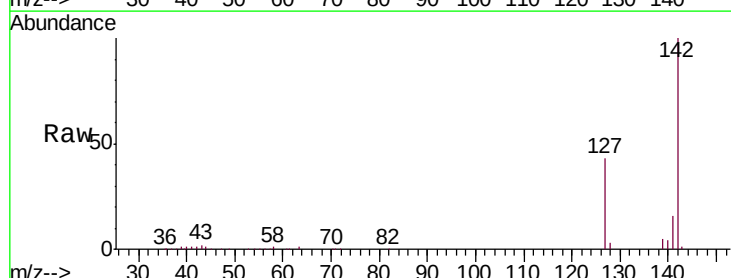
Tgt Ion:142 Resp: 65443

Ion Ratio Lower Upper

142 100

127 42.1 32.7 49.1

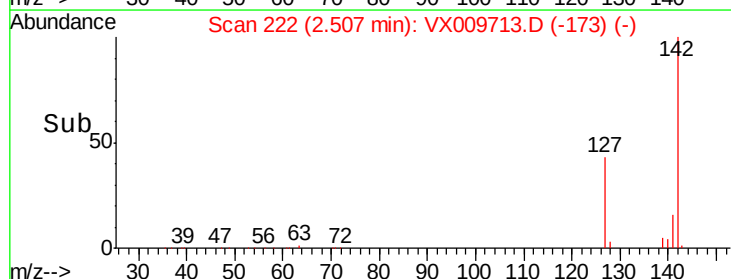
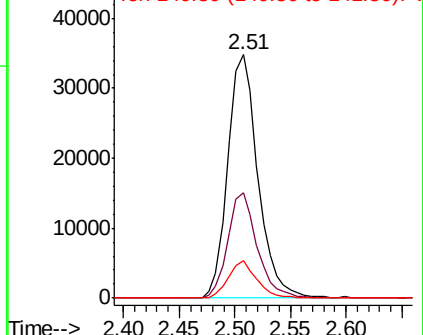
141 14.6 11.5 17.3

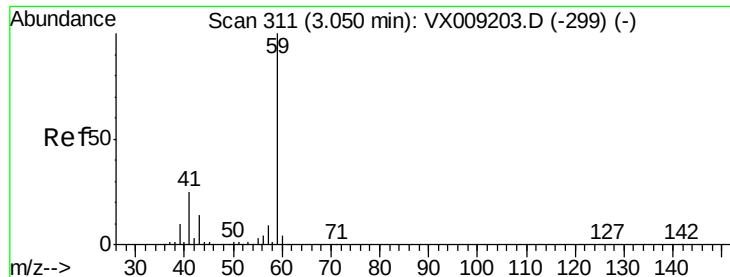


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

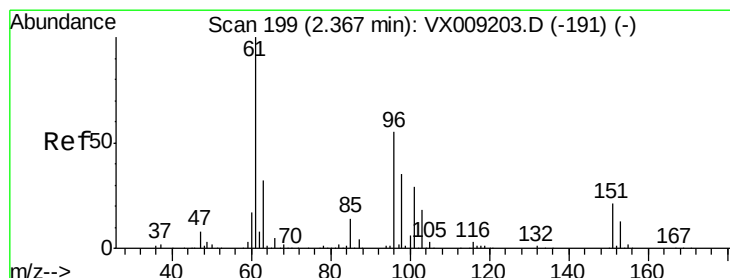
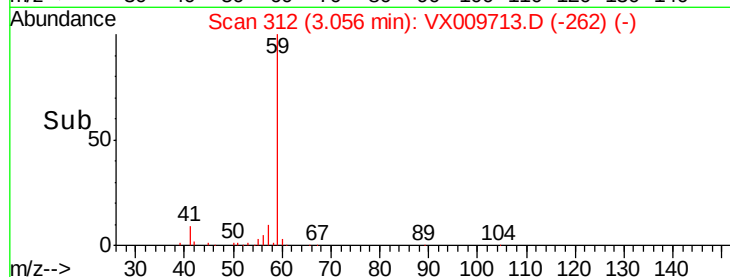
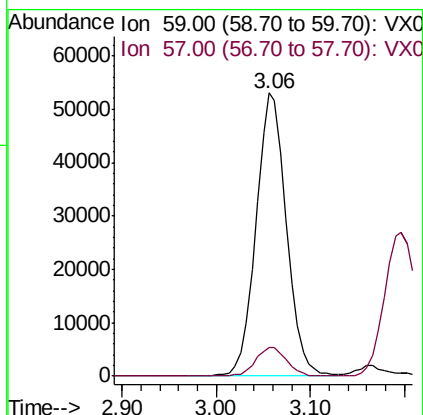
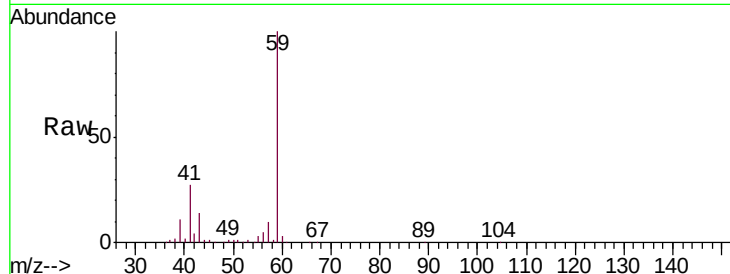




#11
Tert butyl alcohol
Concen: 298.798 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

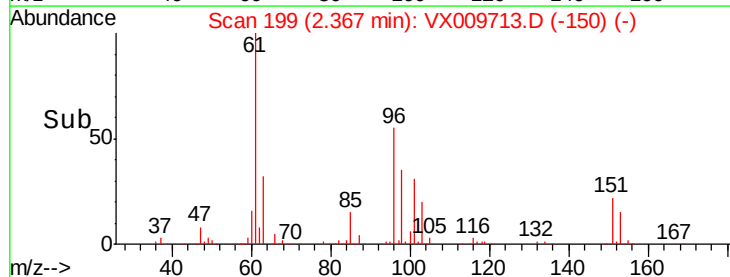
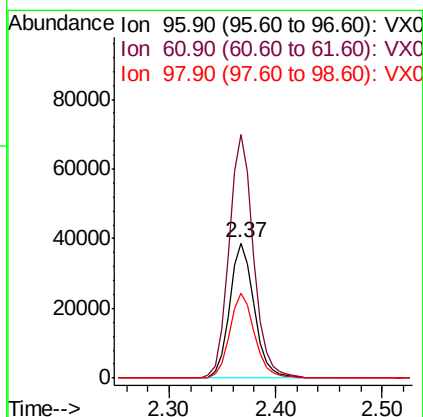
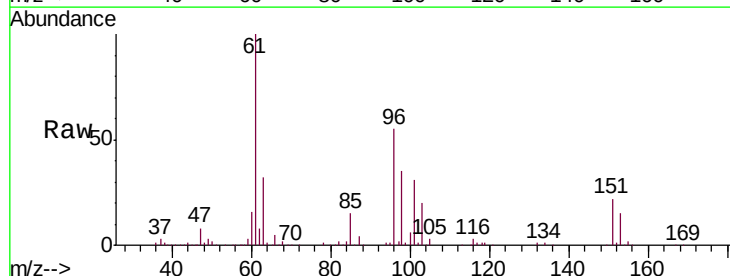
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

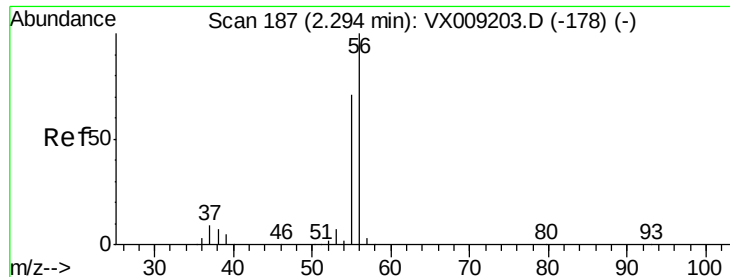
Tgt Ion: 59 Resp: 120291
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.645 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion: 96 Resp: 62932
Ion Ratio Lower Upper
96 100
61 180.3 144.3 216.5
98 63.0 50.3 75.5





#13

Acrolein

Concen: 248.563 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

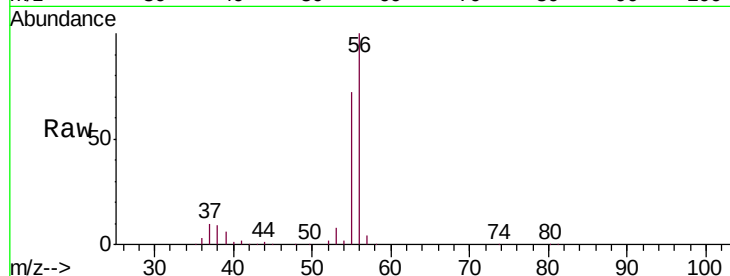
VSTDCCC050EC

Tgt Ion: 56 Resp: 90624

Ion Ratio Lower Upper

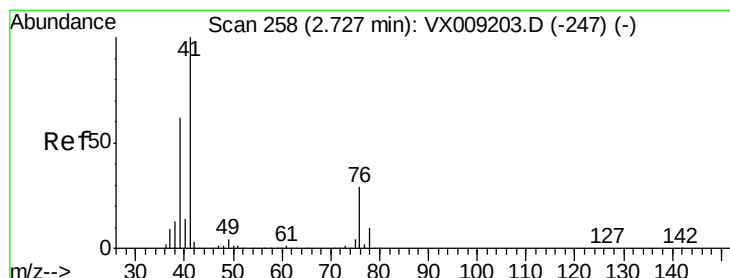
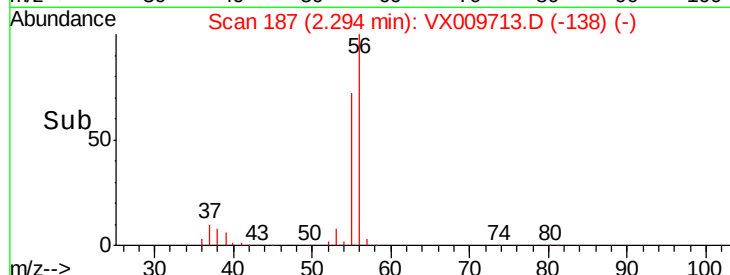
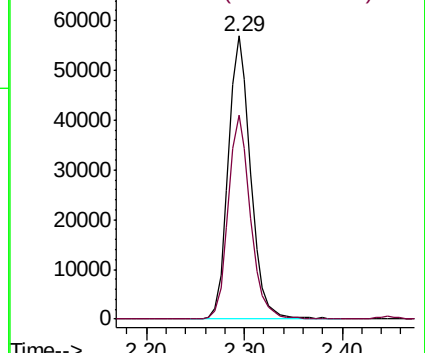
56 100

55 71.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.139 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

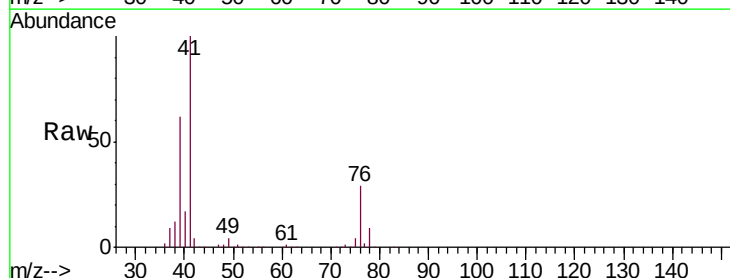
Tgt Ion: 41 Resp: 146065

Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

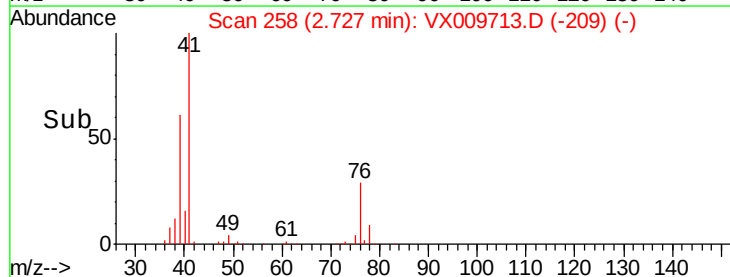
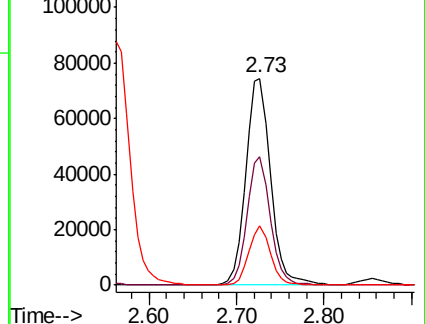
76 25.2 21.8 32.8

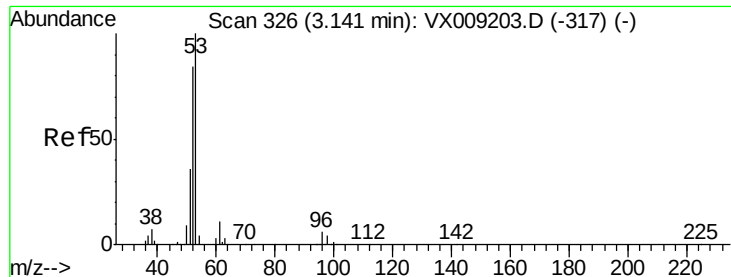


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 298.252 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

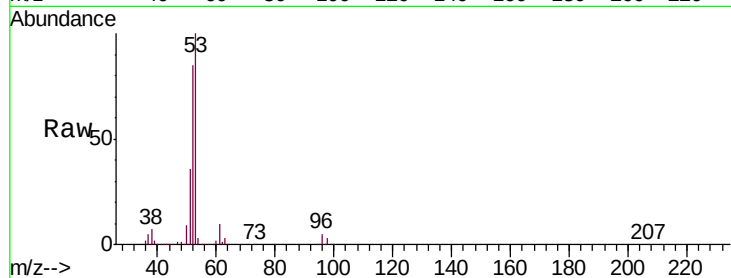
Tgt Ion: 53 Resp: 293583

Ion Ratio Lower Upper

53 100

52 82.6 66.9 100.3

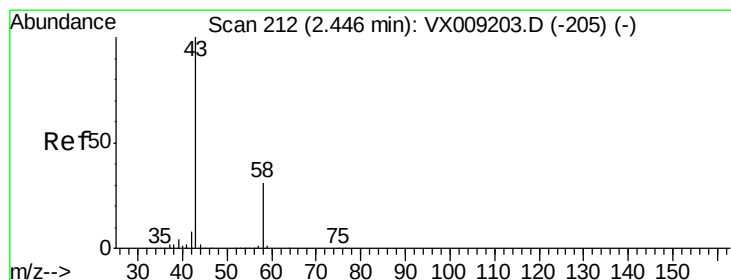
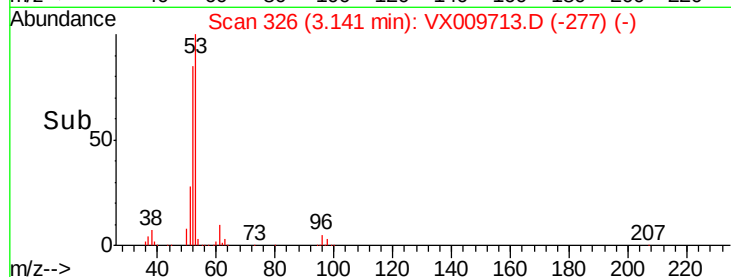
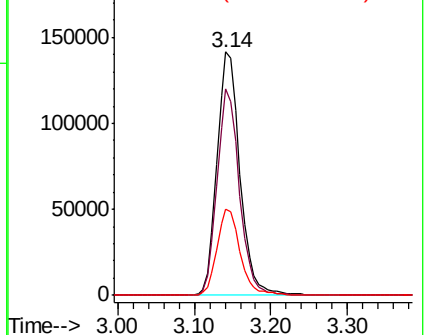
51 36.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 280.311 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009713.D

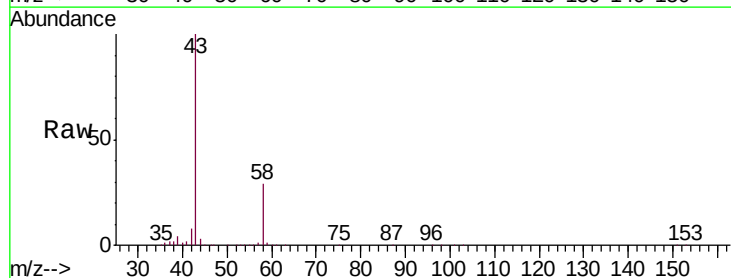
Acq: 18 May 2019 12:30

Tgt Ion: 43 Resp: 261778

Ion Ratio Lower Upper

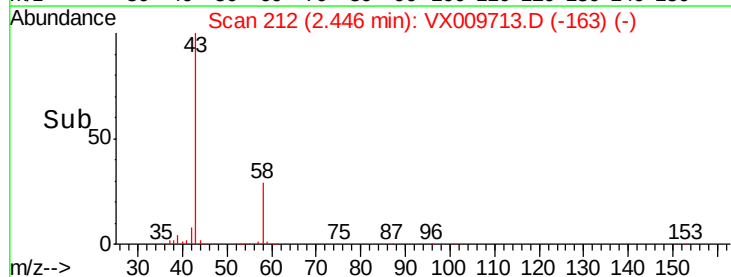
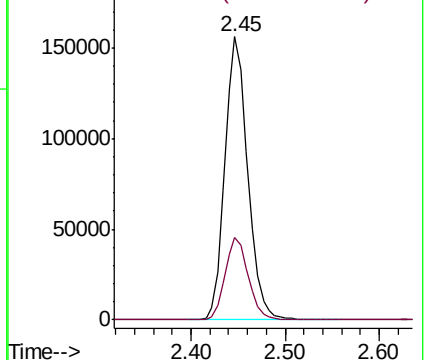
43 100

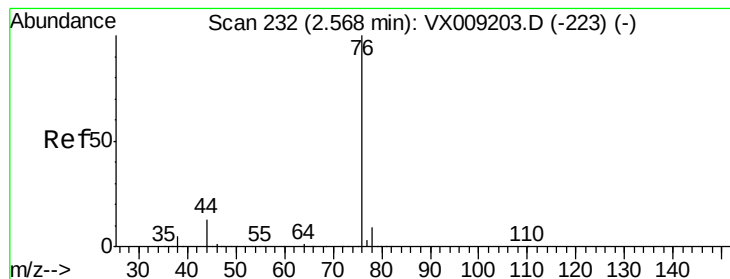
58 29.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.239 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

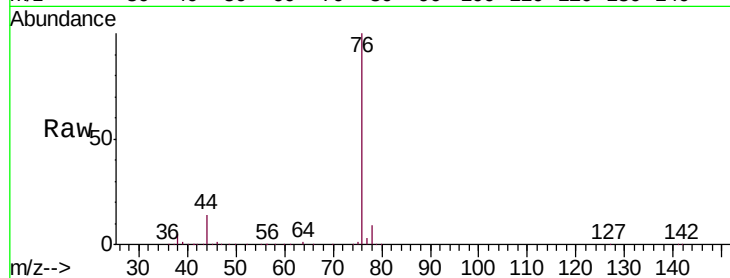
VSTDCCC050EC

Tgt Ion: 76 Resp: 155187

Ion Ratio Lower Upper

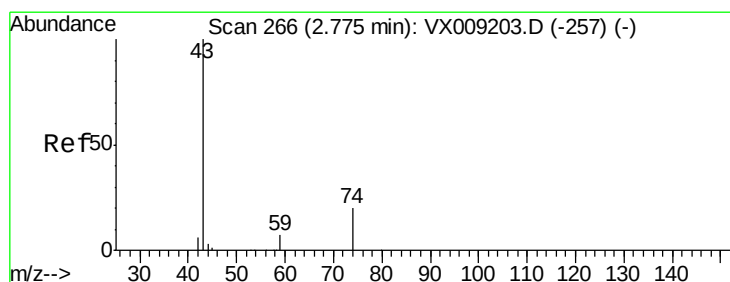
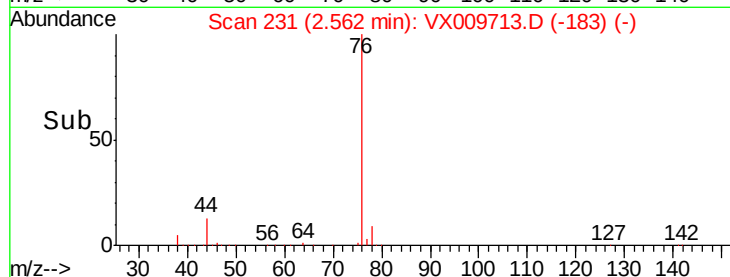
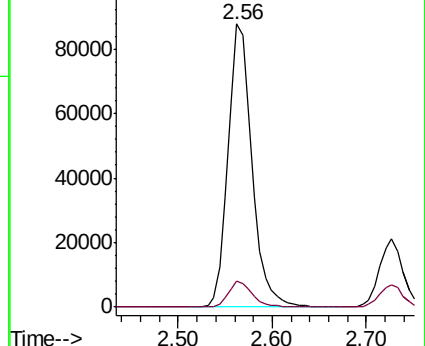
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 60.655 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009713.D

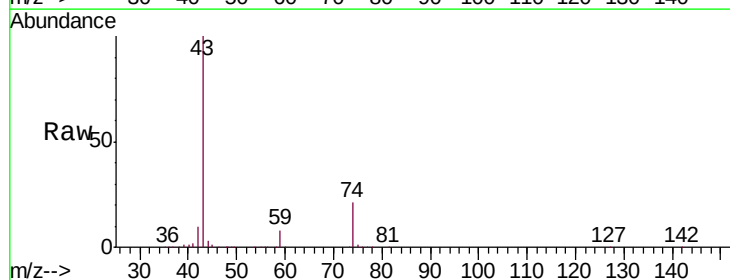
Acq: 18 May 2019 12:30

Tgt Ion: 43 Resp: 134713

Ion Ratio Lower Upper

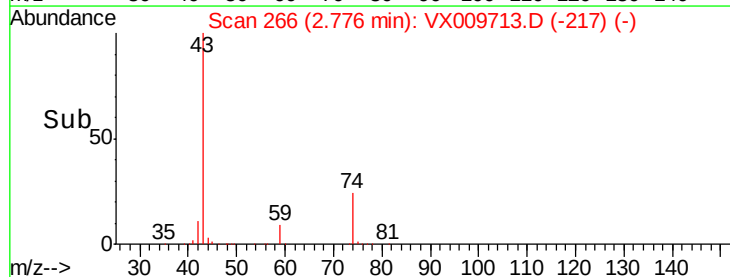
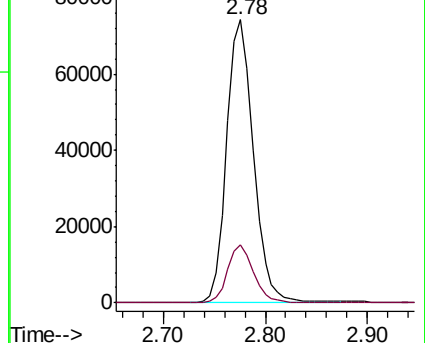
43 100

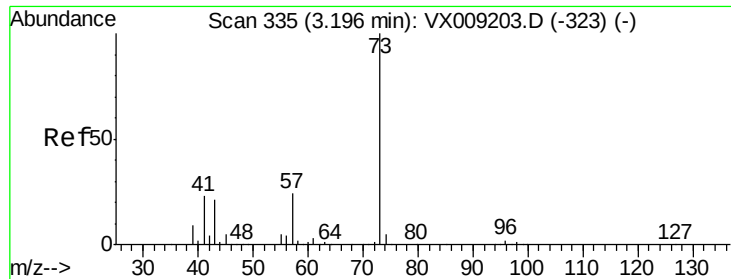
74 20.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

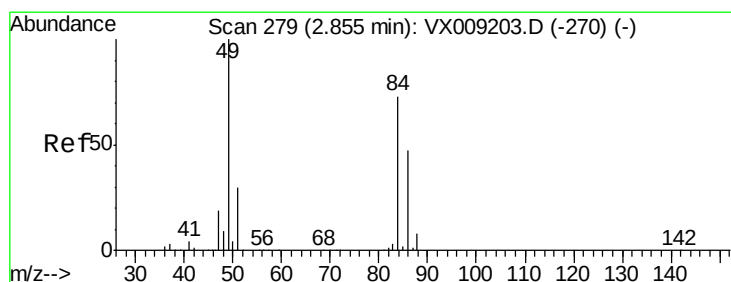
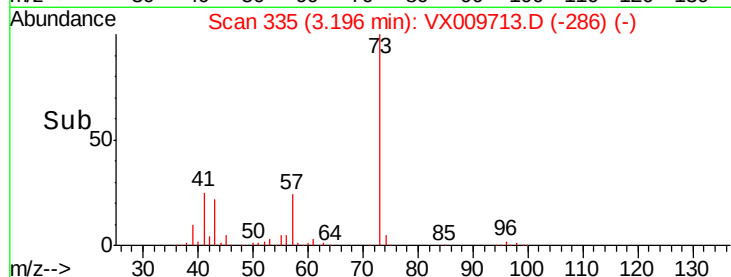
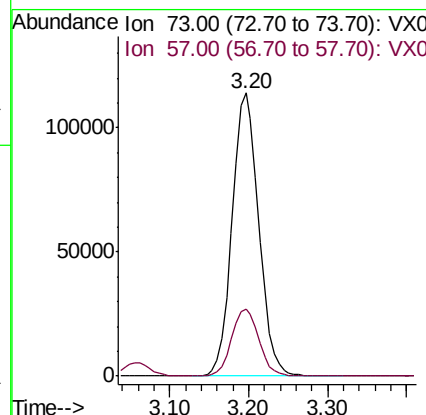
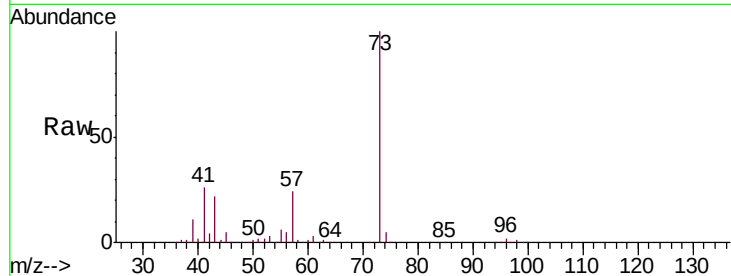




#19
Methyl tert-butyl Ether
Concen: 57.567 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

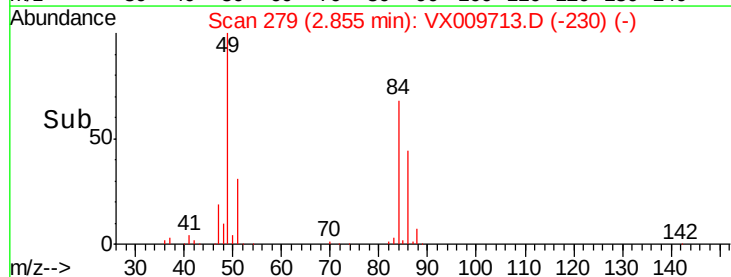
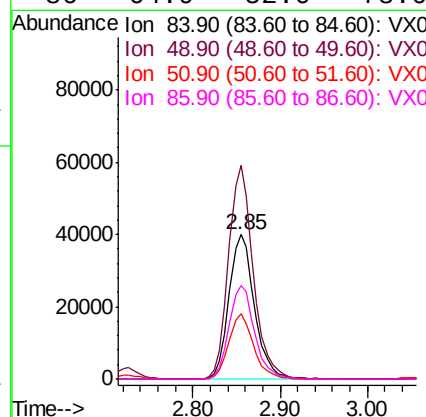
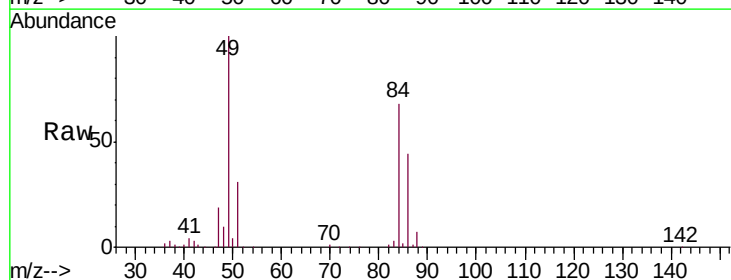
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

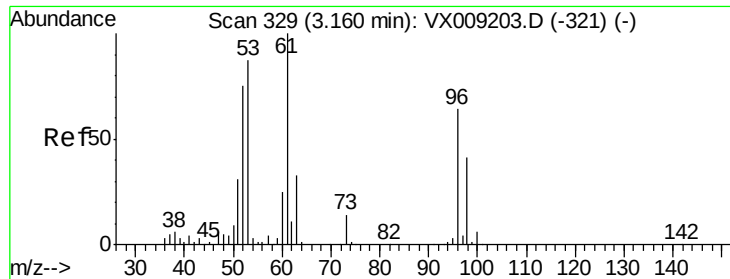
Tgt Ion: 73 Resp: 267232
Ion Ratio Lower Upper
73 100
57 23.7 19.3 28.9



#20
Methylene Chloride
Concen: 53.390 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion: 84 Resp: 80731
Ion Ratio Lower Upper
84 100
49 147.7 109.9 164.9
51 45.0 32.7 49.1
86 64.9 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 51.387 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

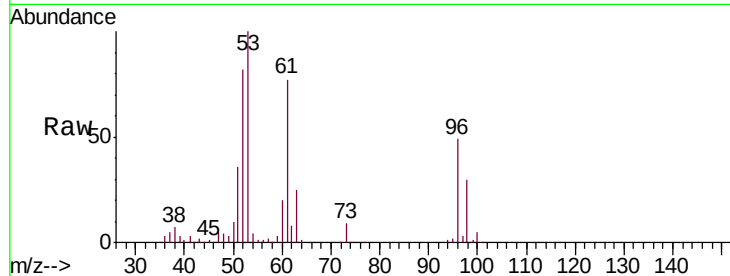
Tgt Ion: 96 Resp: 66619

Ion Ratio Lower Upper

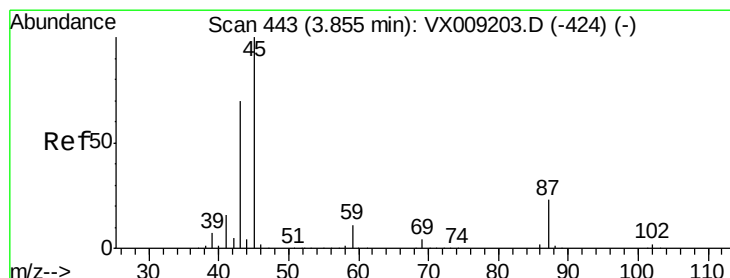
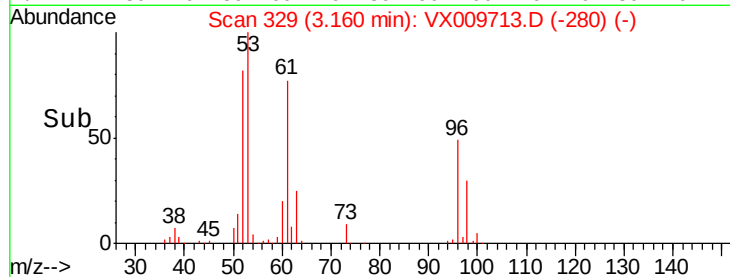
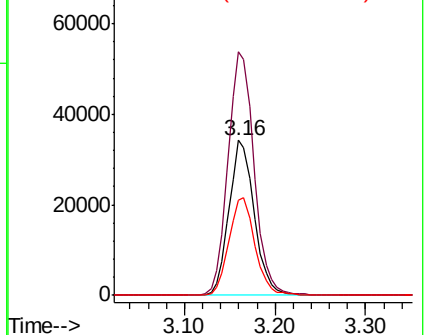
96 100

61 157.4 124.5 186.7

98 61.8 50.4 75.6



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: 58.496 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Tgt Ion: 45 Resp: 327719

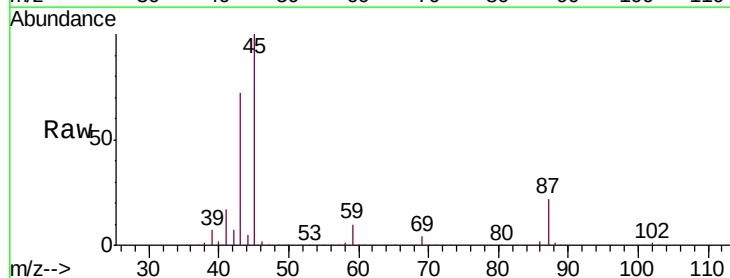
Ion Ratio Lower Upper

45 100

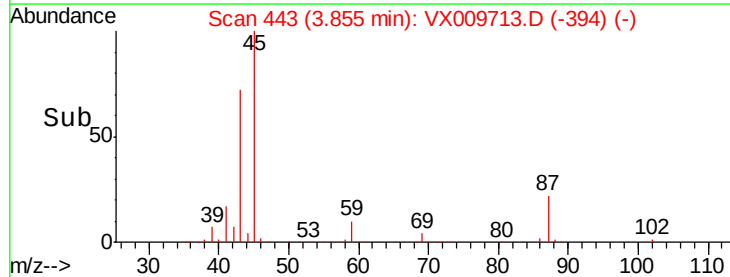
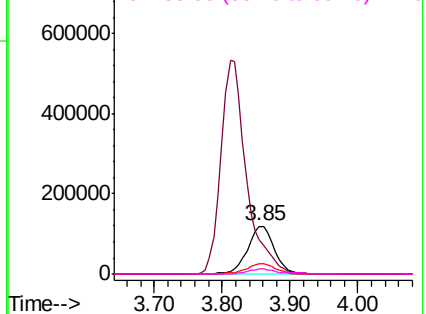
43 72.3 56.1 84.1

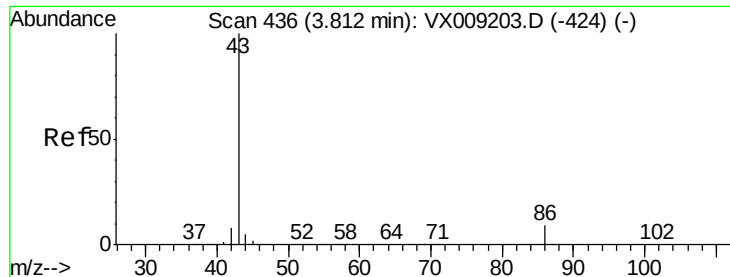
87 21.8 18.1 27.1

59 9.8 8.5 12.7



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: 290.132 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

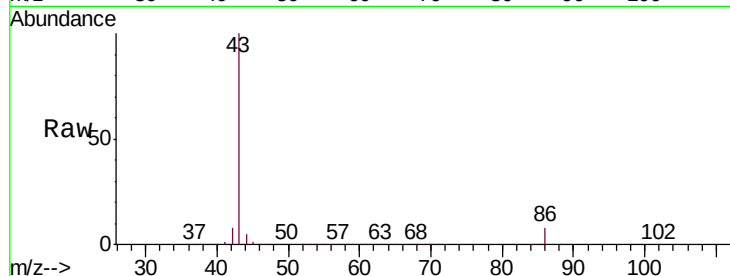
VSTDCCC050EC

Tgt Ion: 43 Resp: 1391890

Ion Ratio Lower Upper

43 100

86 8.3 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

500000

400000

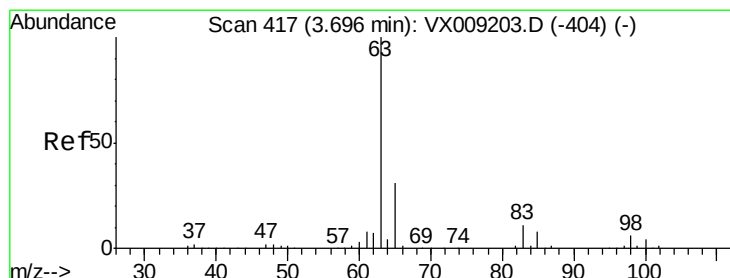
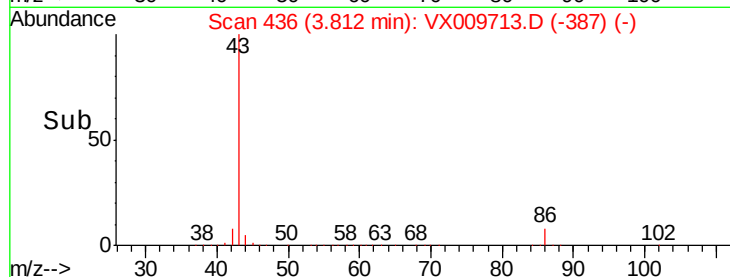
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.681 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

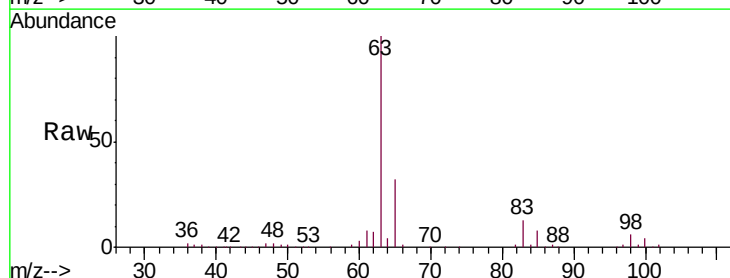
Tgt Ion: 63 Resp: 153890

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

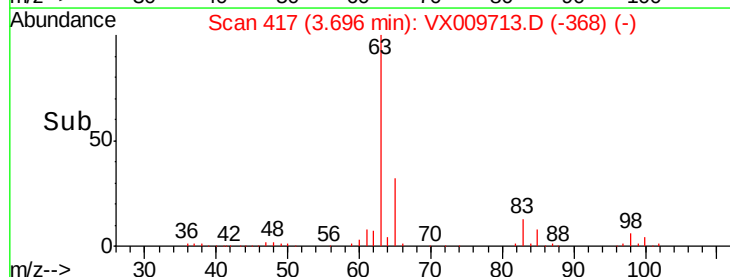
60000

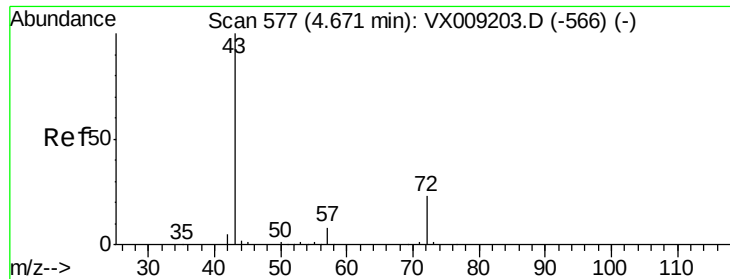
40000

20000

0

Time-->





#25

2-Butanone

Concen: 300.960 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

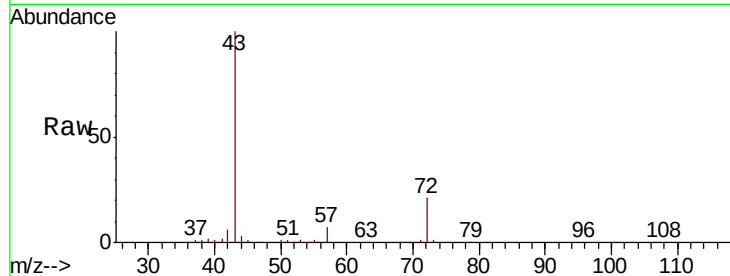
VSTDCCC050EC

Tgt Ion: 43 Resp: 436761

Ion Ratio Lower Upper

43 100

72 21.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

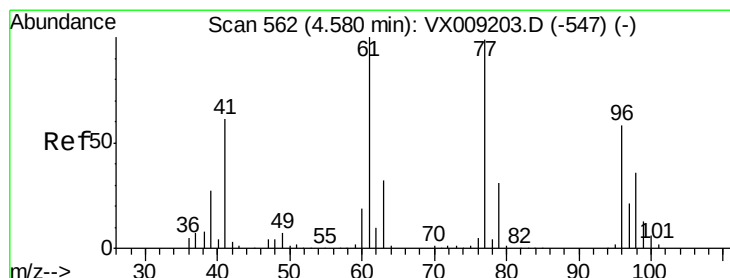
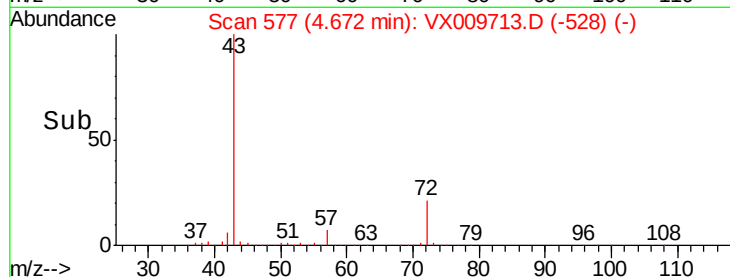
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 22.818 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009713.D

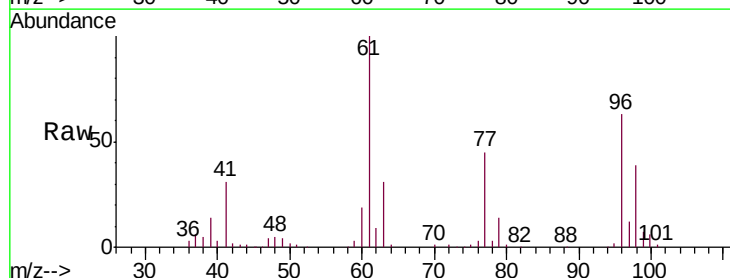
Acq: 18 May 2019 12:30

Tgt Ion: 77 Resp: 46940

Ion Ratio Lower Upper

77 100

97 27.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

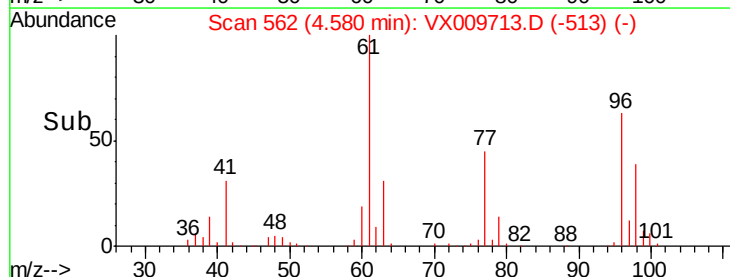
10000

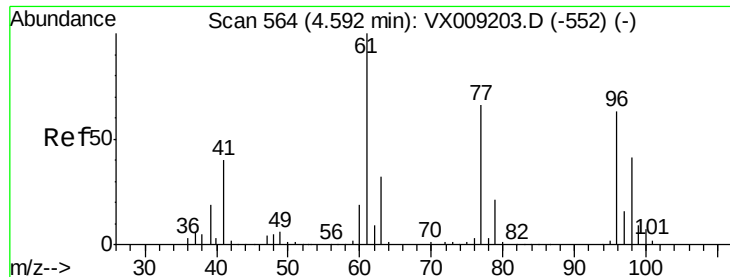
5000

0

4.50 4.58 4.60 4.70

Time-->



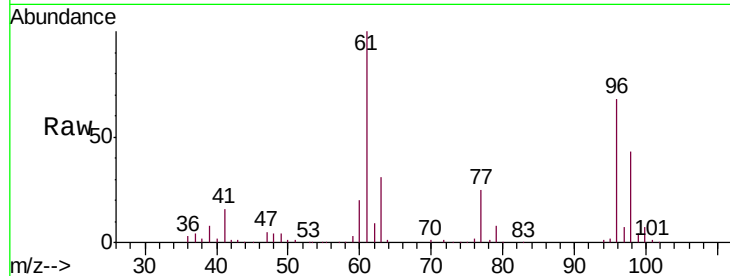


#27

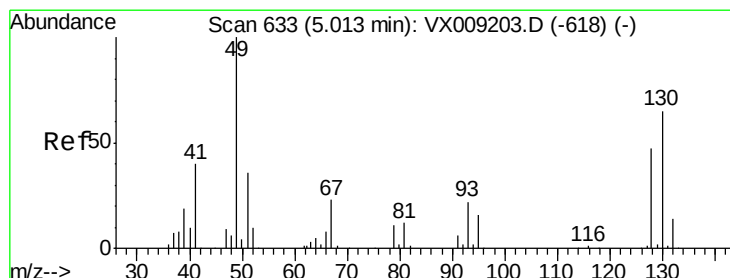
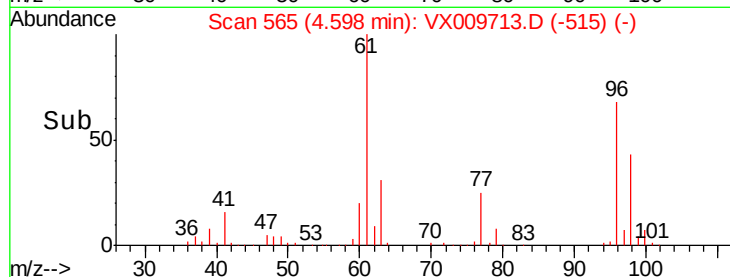
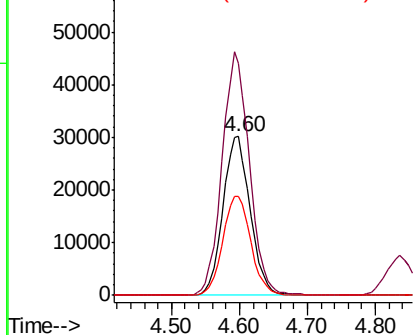
cis-1,2-Dichloroethene
 Concen: 53.984 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 83537
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 324.0
 98 64.3 0.0 130.4



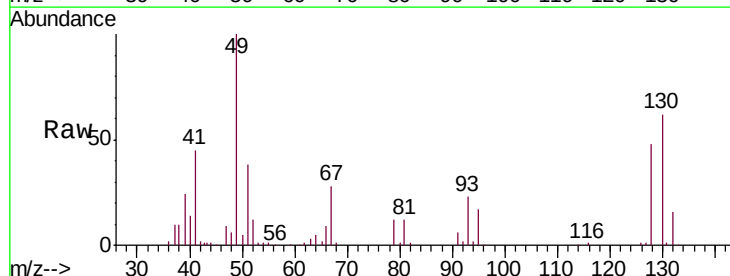
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



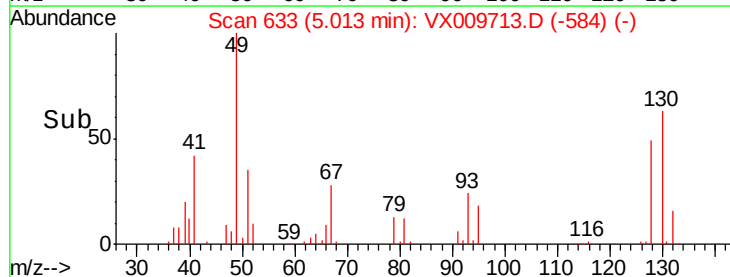
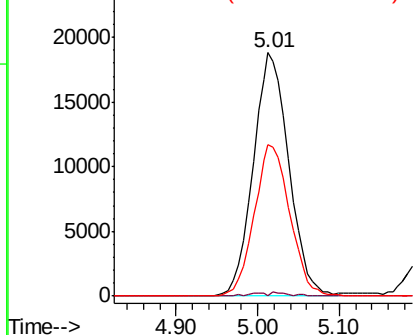
#28

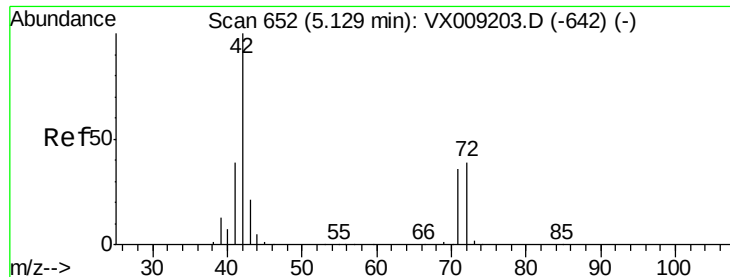
Bromochloromethane
 Concen: 51.415 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion: 49 Resp: 57115
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 3.8
 130 62.2 51.2 76.8



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

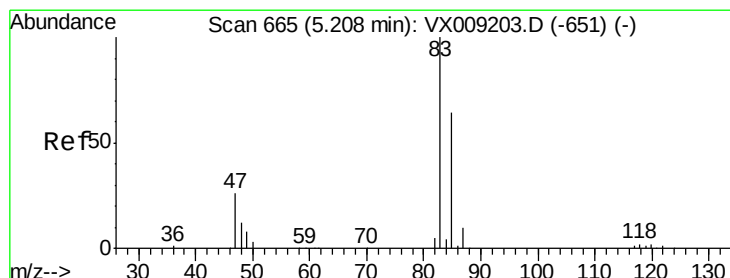
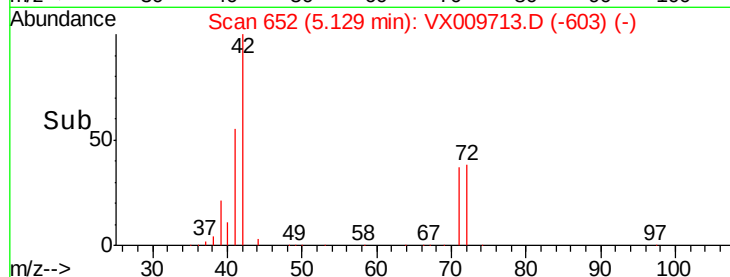
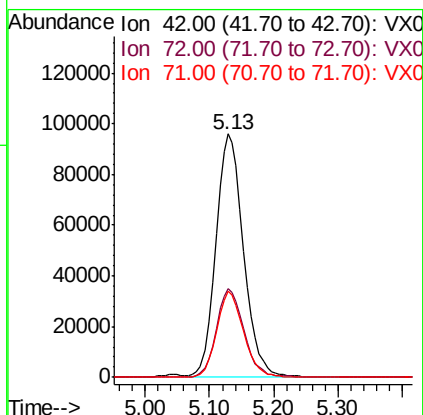
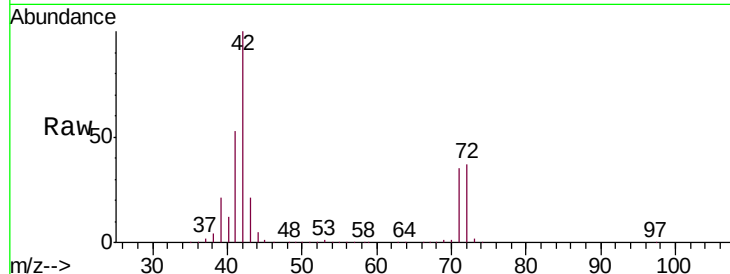




#29
Tetrahydrofuran
Concen: 307.688 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

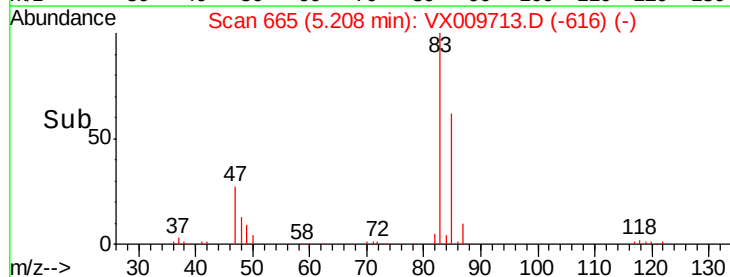
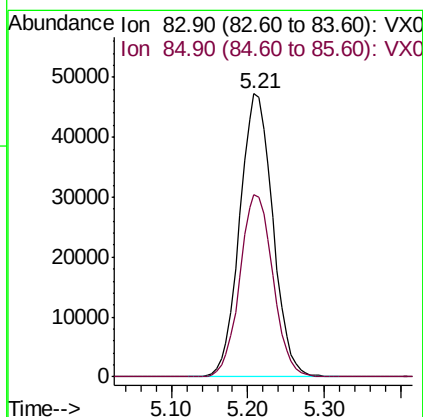
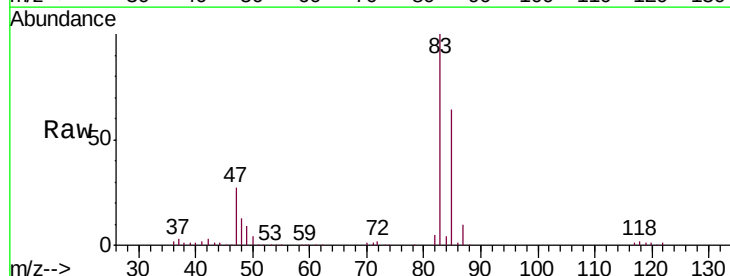
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

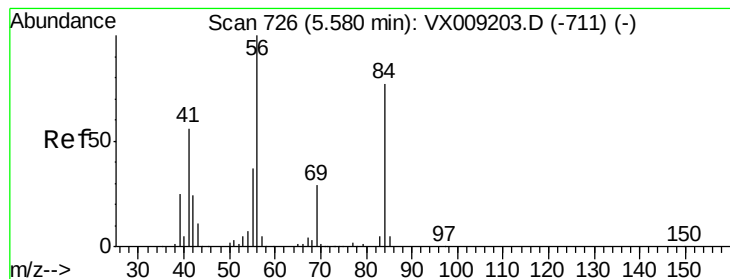
Tgt Ion: 42 Resp: 287337
Ion Ratio Lower Upper
42 100
72 36.7 30.4 45.6
71 34.7 28.6 43.0



#30
Chloroform
Concen: 56.908 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion: 83 Resp: 142250
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3





#31

Cyclohexane

Concen: 51.173 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

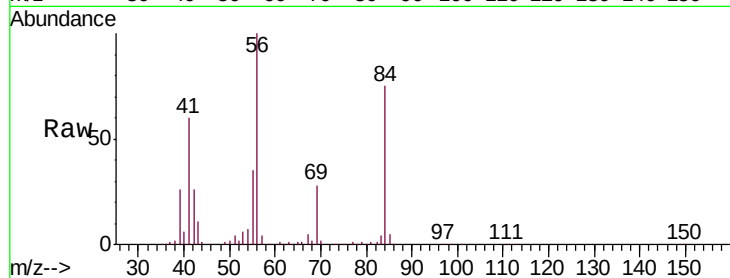
Tgt Ion: 56 Resp: 131582

Ion Ratio Lower Upper

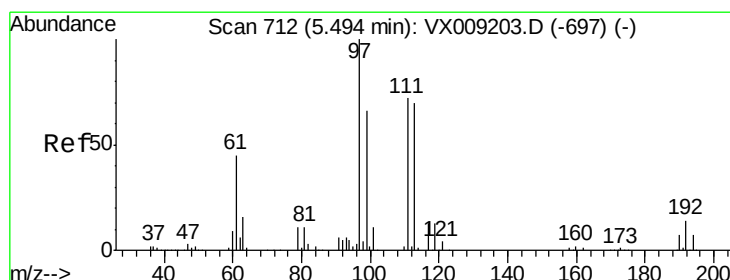
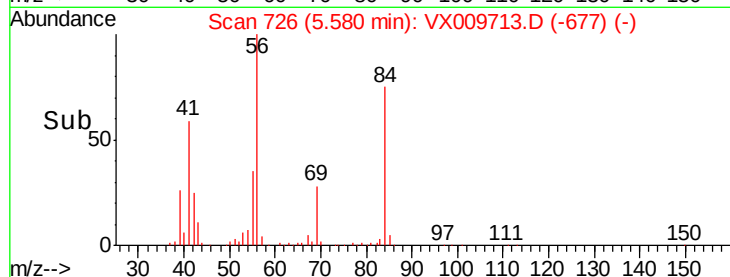
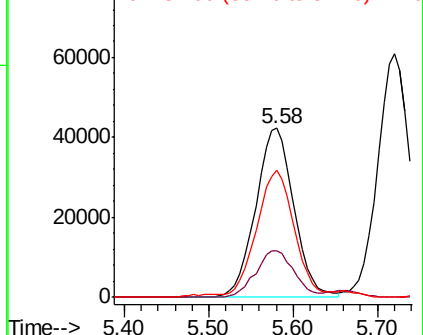
56 100

69 27.7 23.4 35.0

84 74.3 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 55.202 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

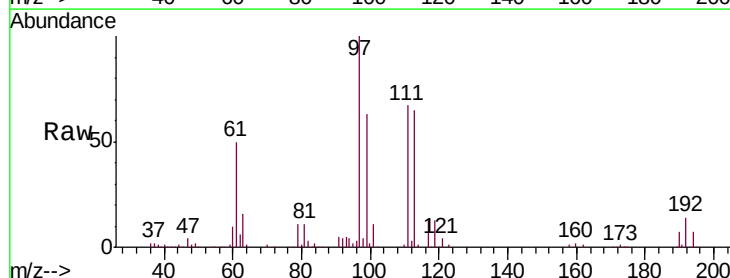
Tgt Ion: 97 Resp: 114867

Ion Ratio Lower Upper

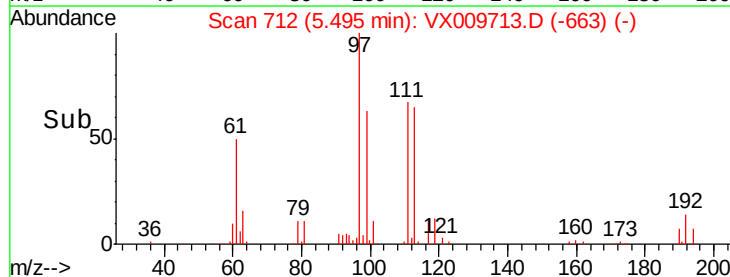
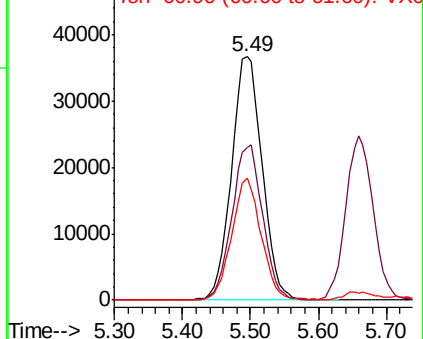
97 100

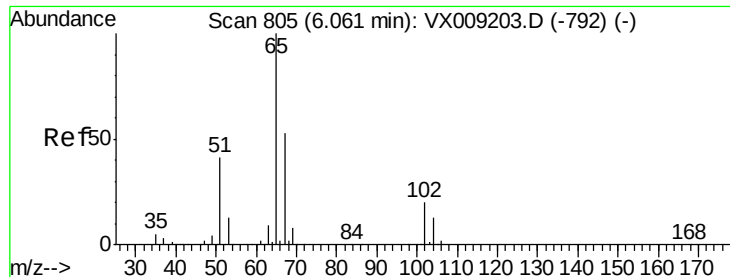
99 63.6 51.8 77.8

61 48.1 37.8 56.8



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

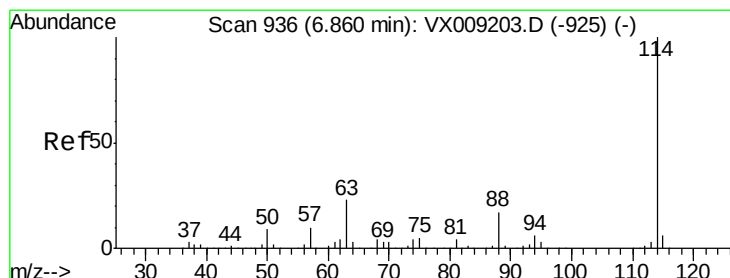
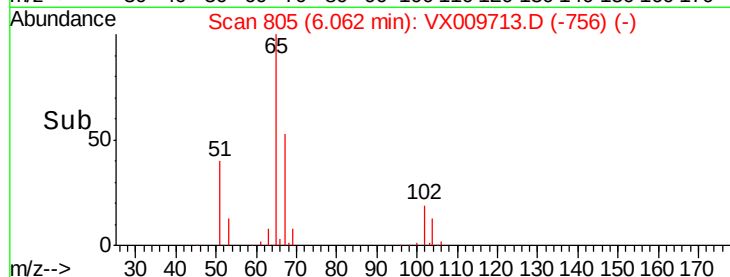
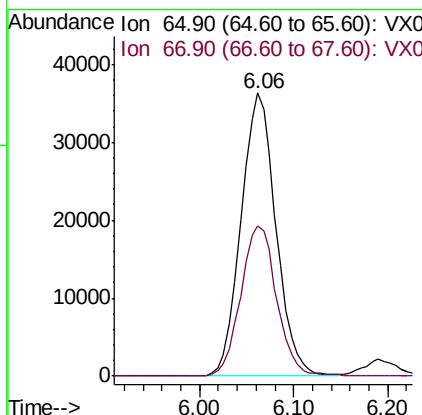
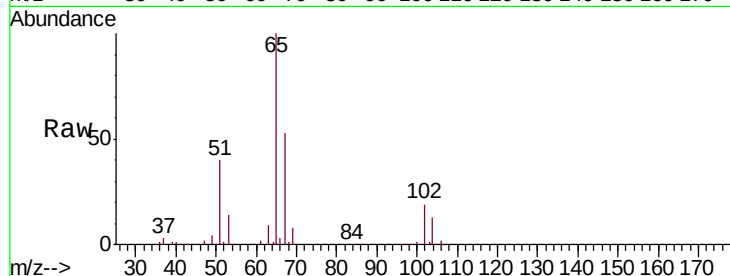




#33
 1,2-Dichloroethane-d4
 Concen: 54.171 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

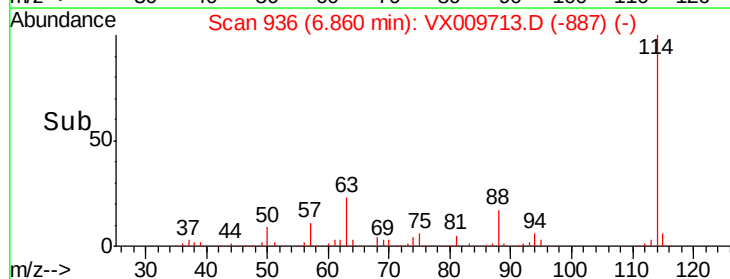
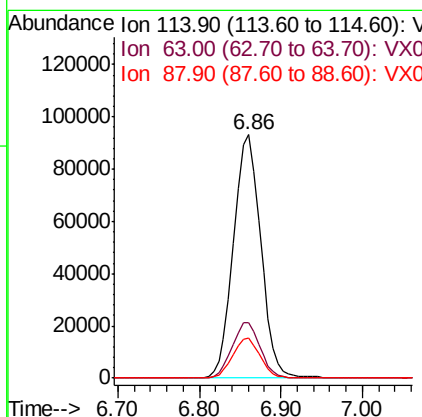
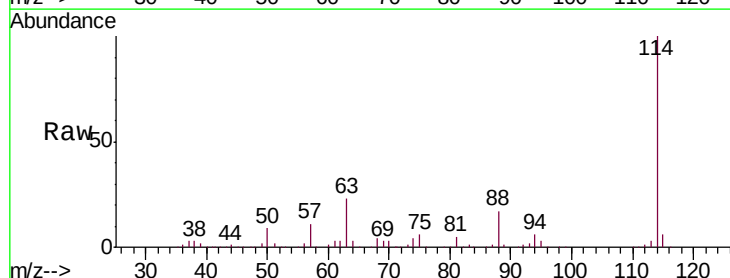
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

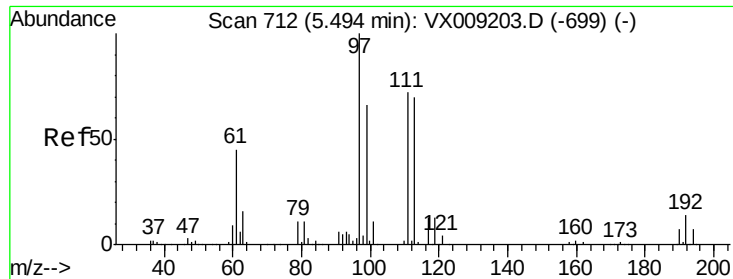
Tgt Ion: 65 Resp: 94215
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion: 114 Resp: 215709
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.6
 88 16.6 0.0 33.2

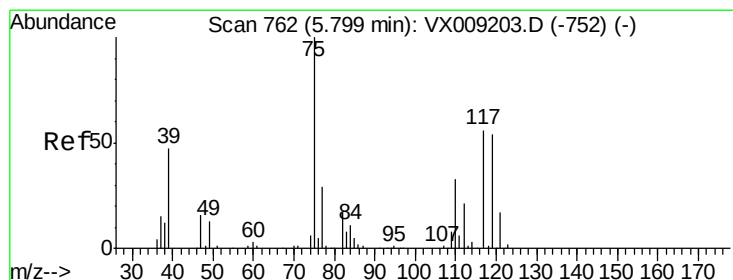
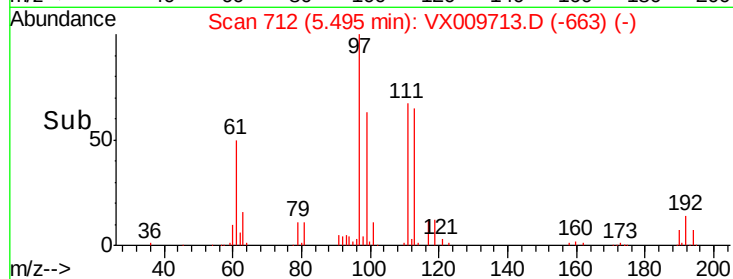
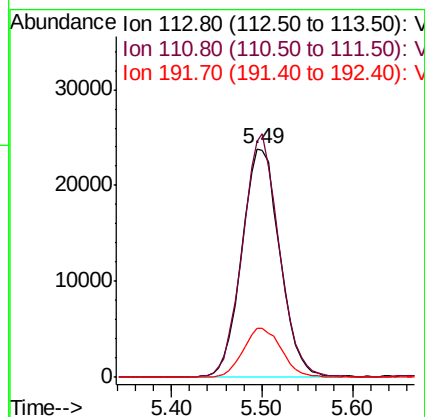
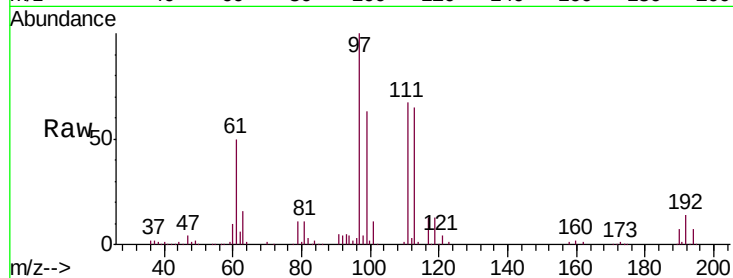




#35
 Dibromofluoromethane
 Concen: 51.155 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

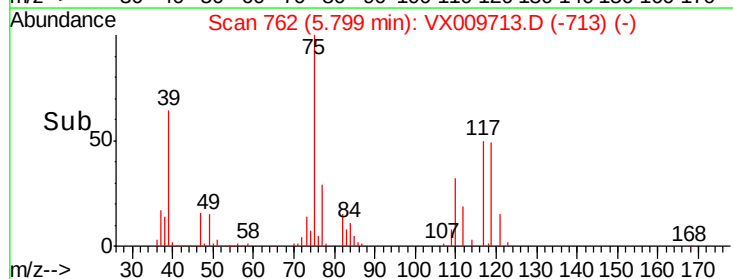
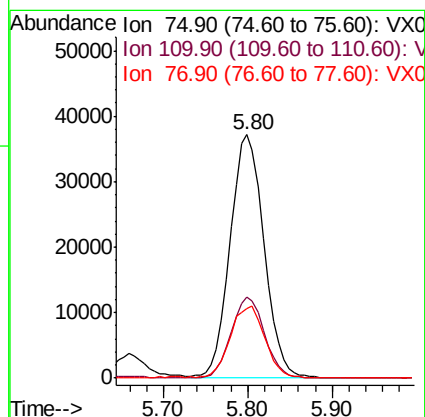
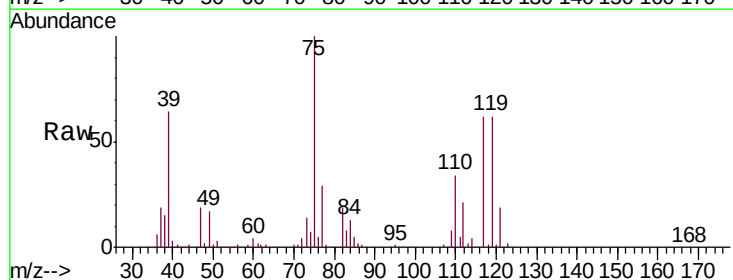
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

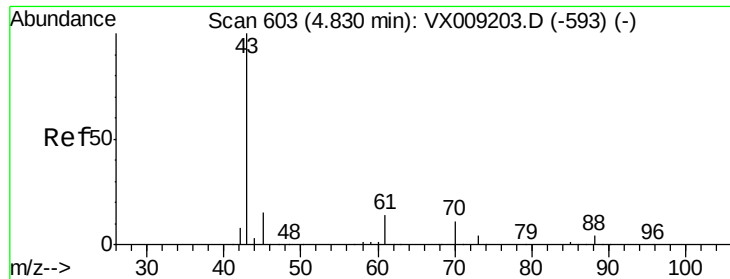
Tgt Ion:113 Resp: 69368
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.8 124.2
 192 21.6 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 50.297 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion: 75 Resp: 100827
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.9 50.6
 77 30.6 24.8 37.2





#37

Ethyl Acetate

Concen: 58.180 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

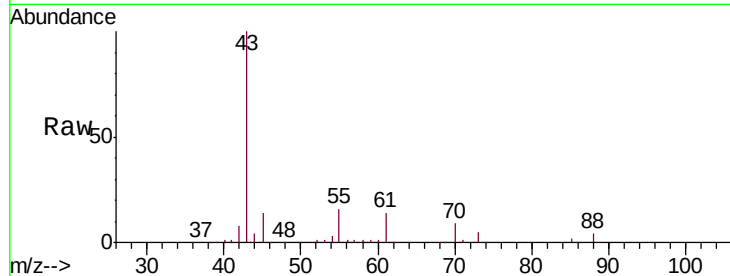
Tgt Ion: 43 Resp: 162497

Ion Ratio Lower Upper

43 100

61 12.8 10.5 15.7

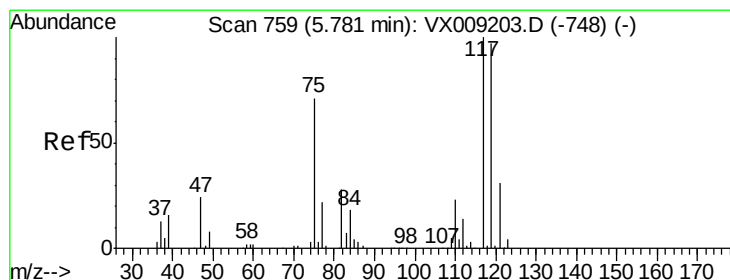
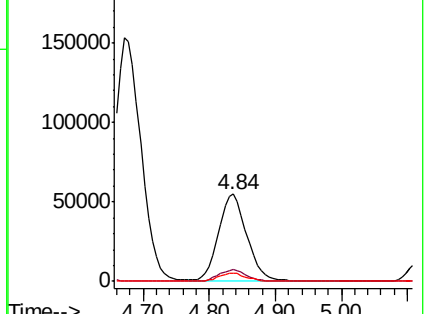
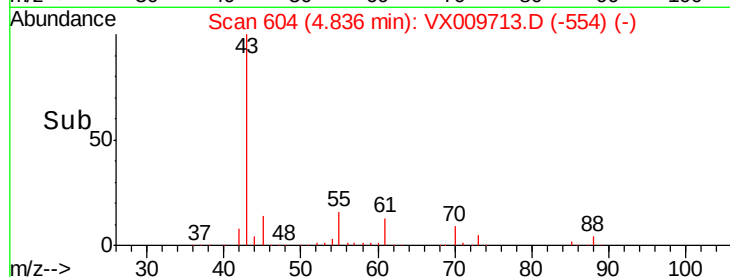
70 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009713.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX009713.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX009713.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 51.075 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

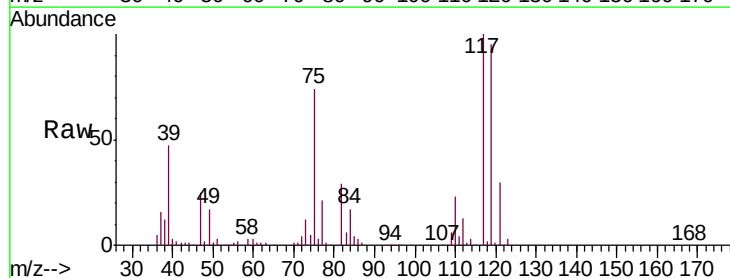
Tgt Ion: 117 Resp: 93024

Ion Ratio Lower Upper

117 100

119 95.3 77.5 116.3

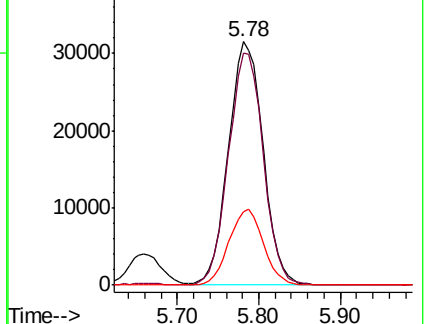
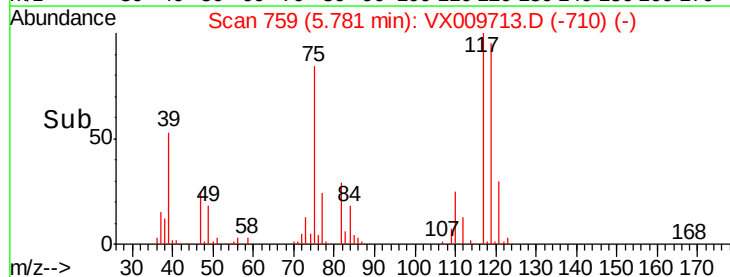
121 30.1 24.7 37.1

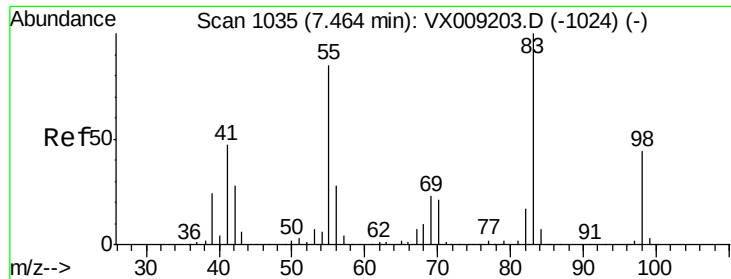


Abundance Ion 116.80 (116.50 to 117.50): VX009713.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX009713.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009713.D (-710) (-)

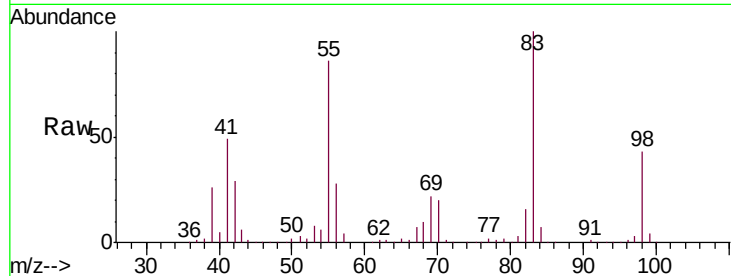




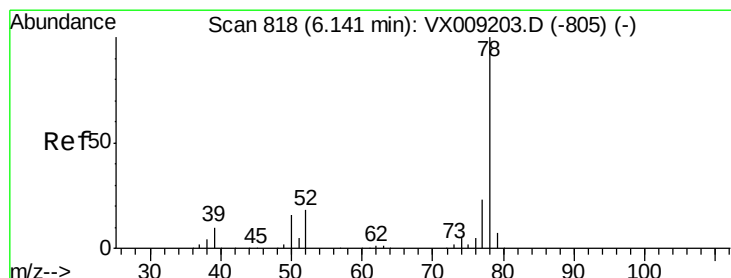
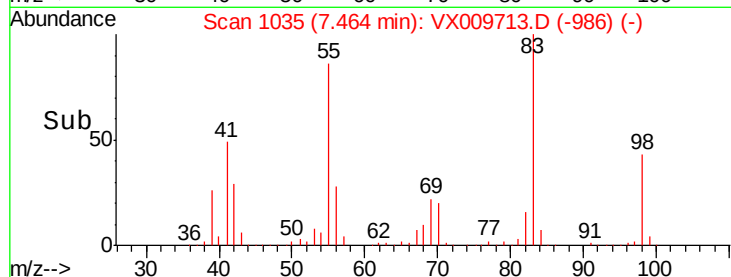
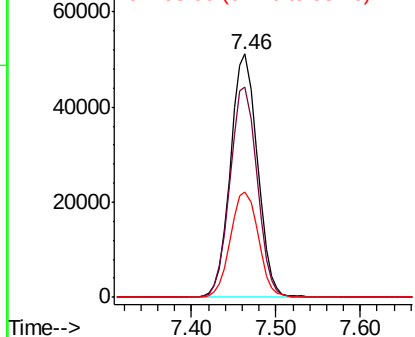
#39
Methylcyclohexane
Concen: 44.959 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 110682
Ion Ratio Lower Upper
83 100
55 86.3 67.7 101.5
98 43.3 35.5 53.3

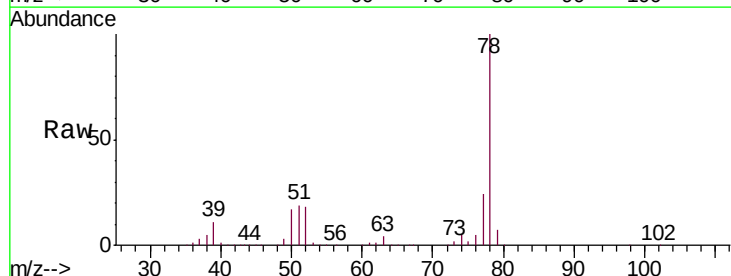


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

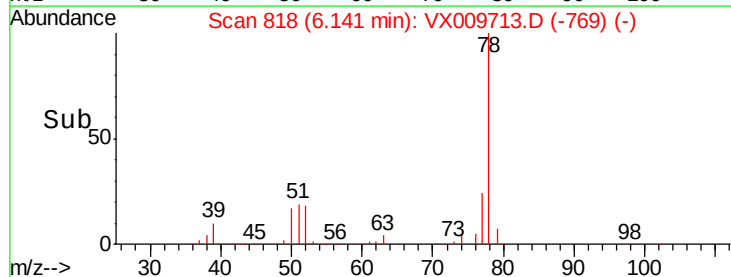
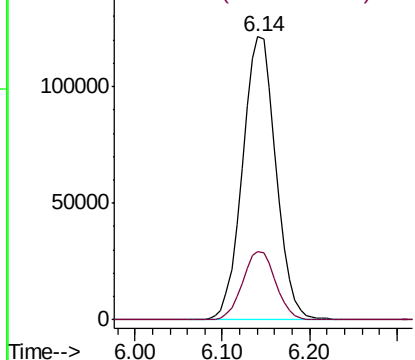


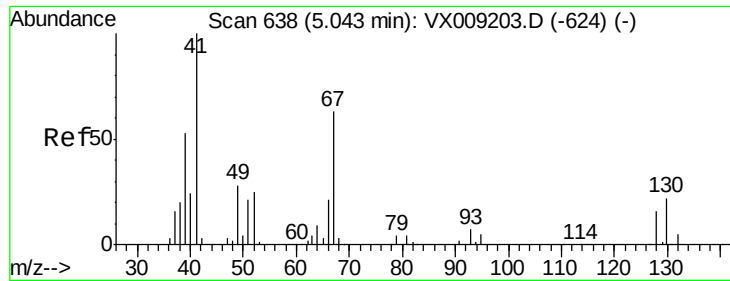
#40
Benzene
Concen: 51.924 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion: 78 Resp: 322131
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

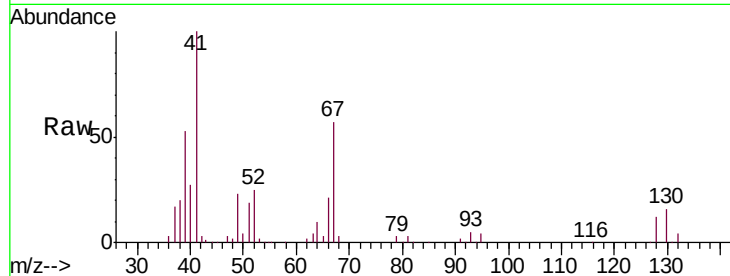




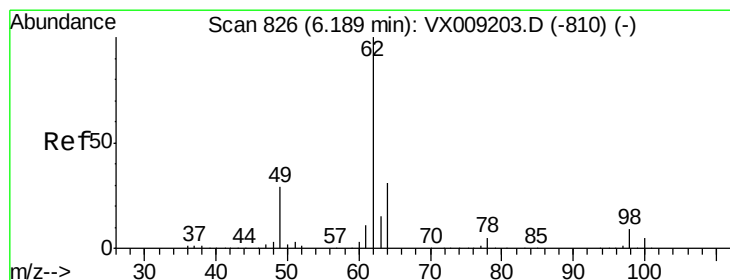
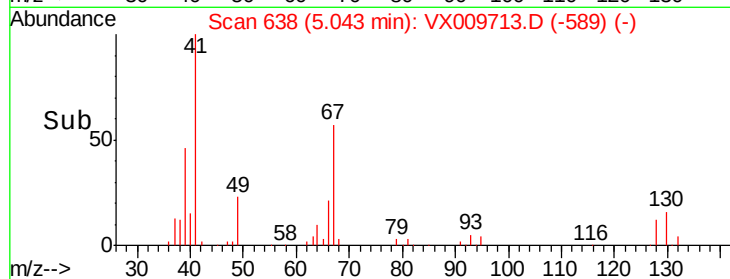
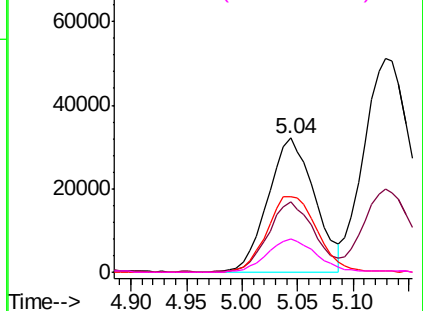
#41
Methacrylonitrile
Concen: 56.586 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	94079
Ion	Ratio	Lower	Upper
41	100		
39	51.8	42.0	63.0
67	61.0	49.8	74.8
52	25.5	20.3	30.5

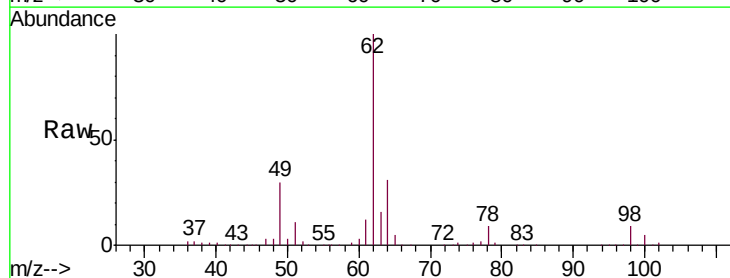


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

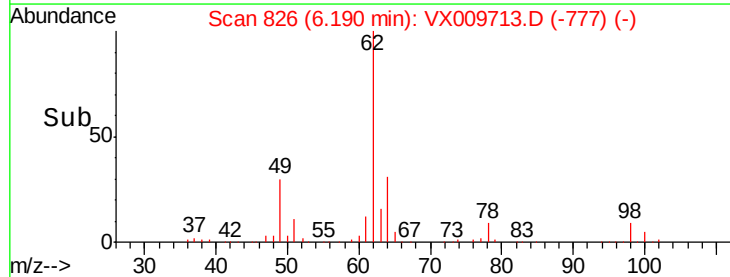
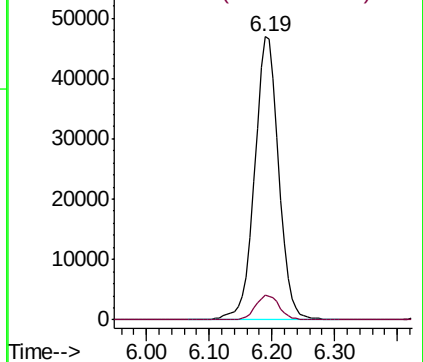


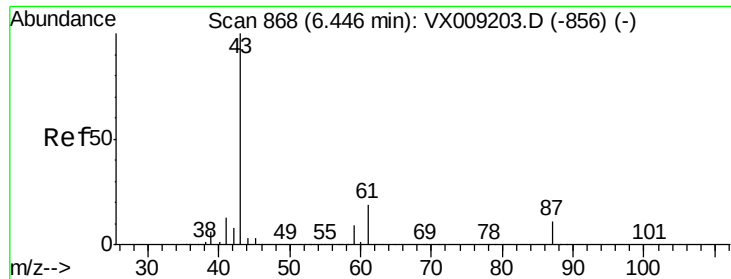
#42
1,2-Dichloroethane
Concen: 55.788 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion:	62	Resp:	124153
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 57.474 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

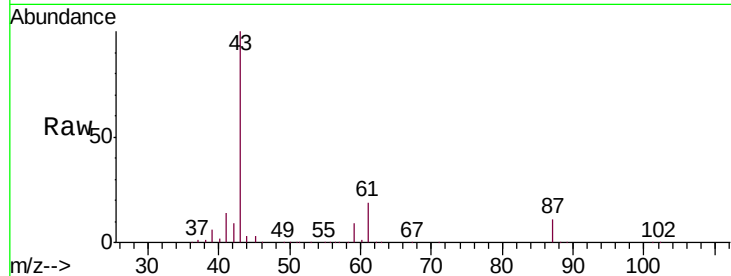
Tgt Ion: 43 Resp: 256768

Ion Ratio Lower Upper

43 100

61 18.7 15.1 22.7

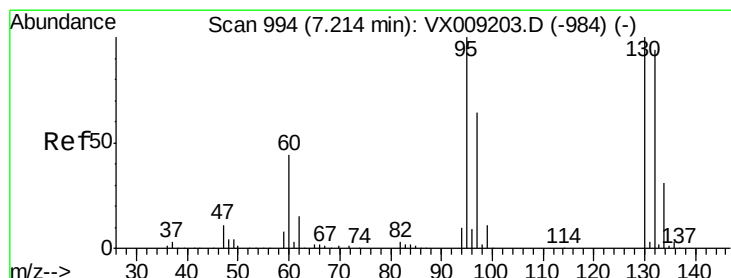
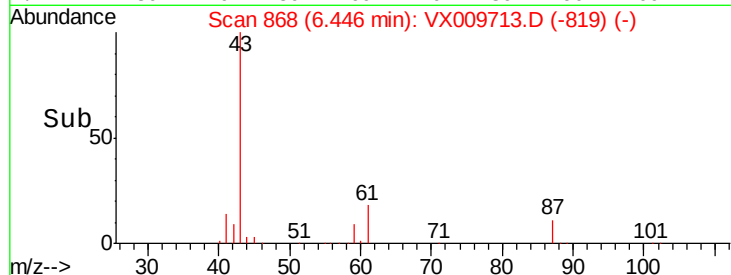
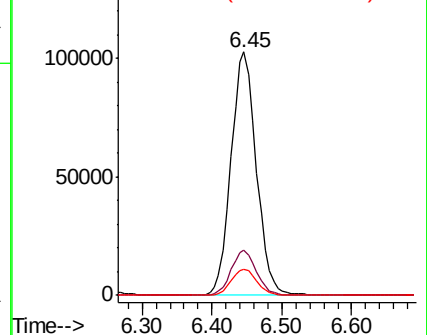
87 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.632 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009713.D

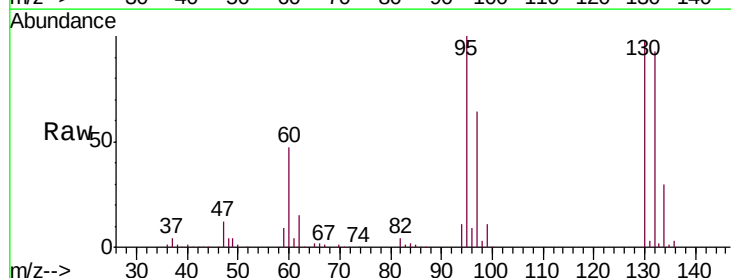
Acq: 18 May 2019 12:30

Tgt Ion: 130 Resp: 75939

Ion Ratio Lower Upper

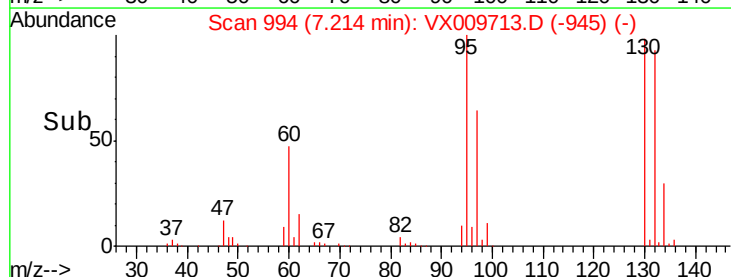
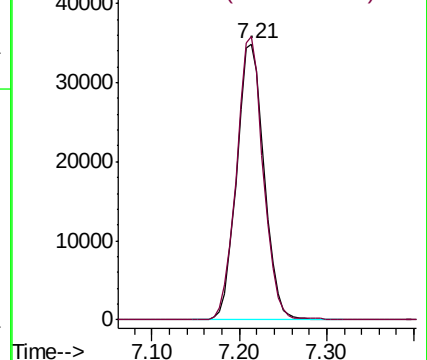
130 100

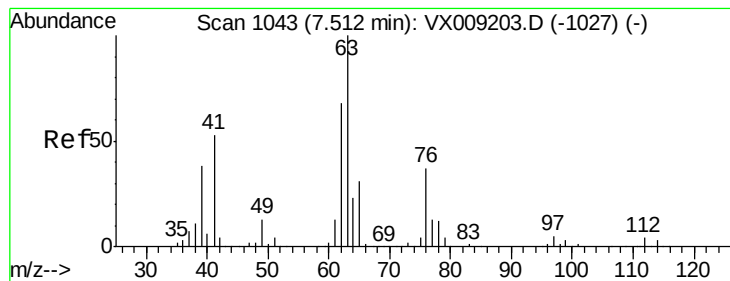
95 102.5 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.875 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

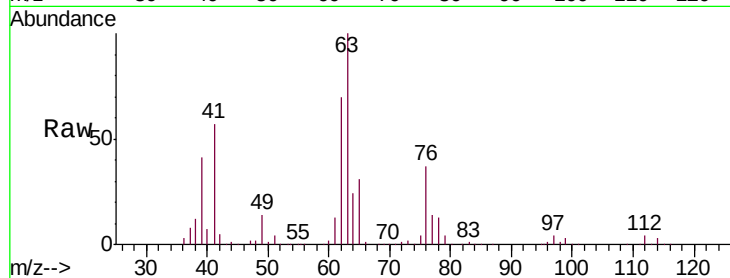
VSTDCCC050EC

Tgt Ion: 63 Resp: 94643

Ion Ratio Lower Upper

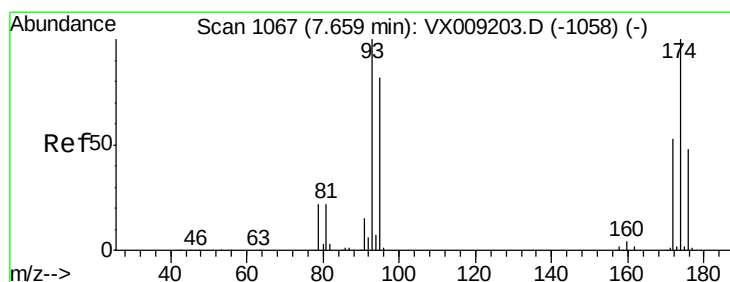
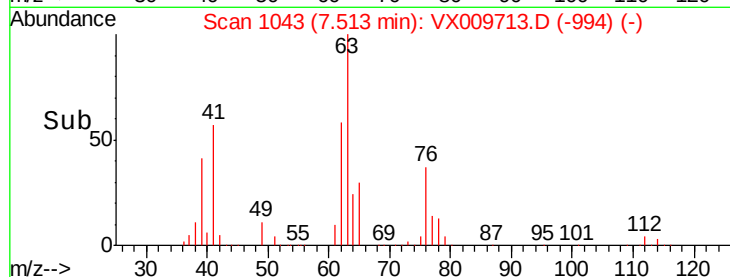
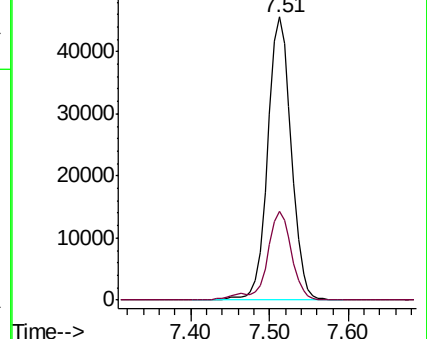
63 100

65 31.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.932 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

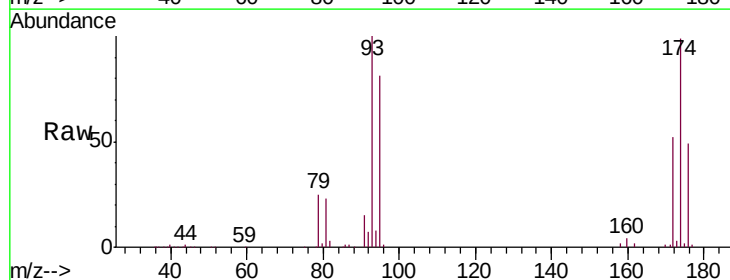
Tgt Ion: 93 Resp: 55018

Ion Ratio Lower Upper

93 100

95 83.0 66.5 99.7

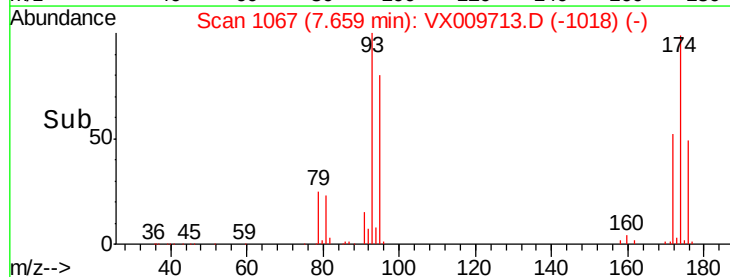
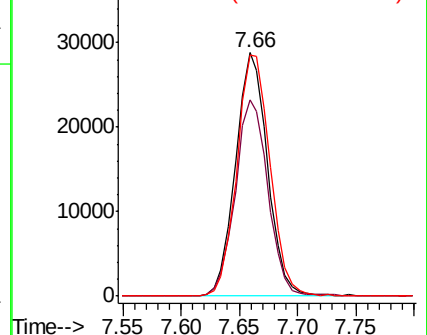
174 103.4 82.1 123.1

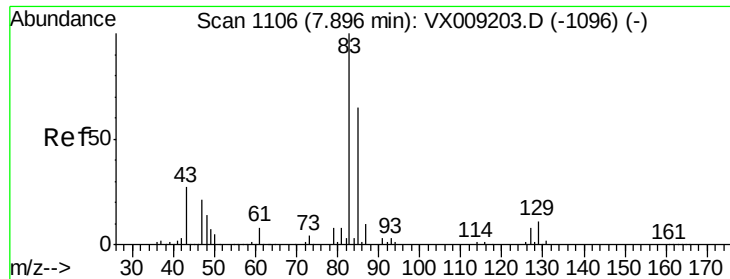


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.056 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

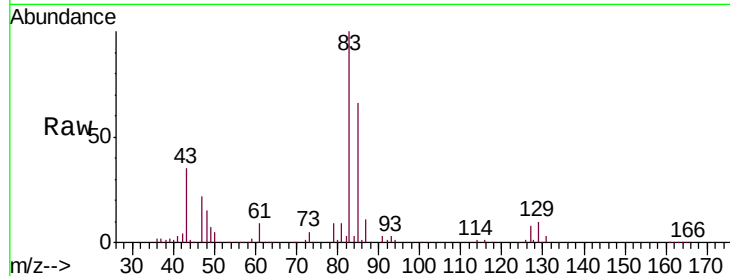
Tgt Ion: 83 Resp: 109998

Ion Ratio Lower Upper

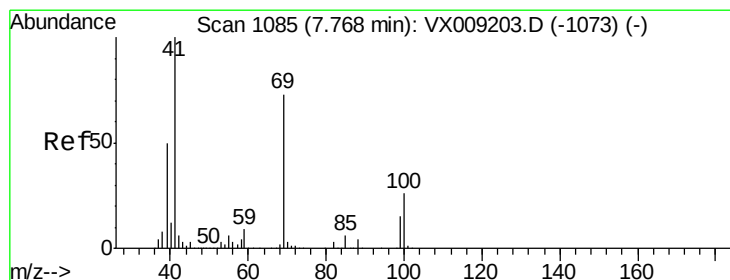
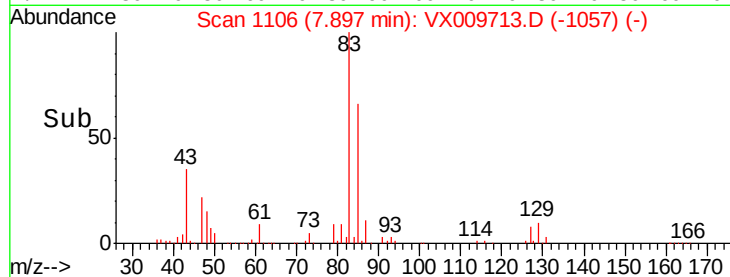
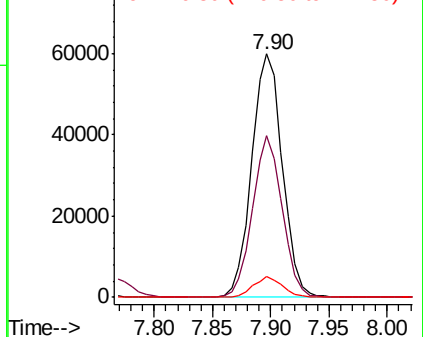
83 100

85 66.4 52.4 78.6

127 8.5 6.6 10.0



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



#48

Methyl methacrylate

Concen: 58.896 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

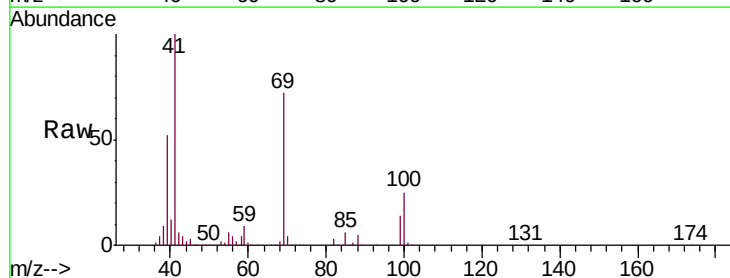
Tgt Ion: 41 Resp: 130541

Ion Ratio Lower Upper

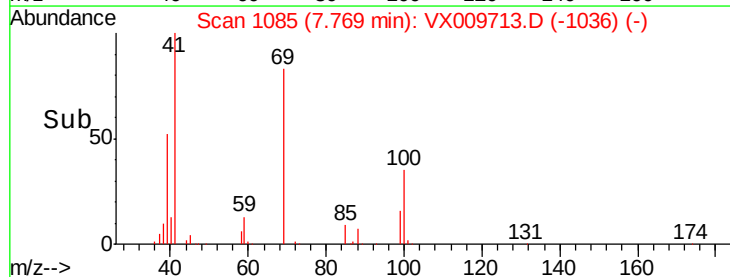
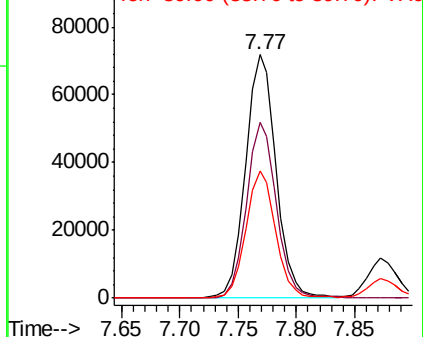
41 100

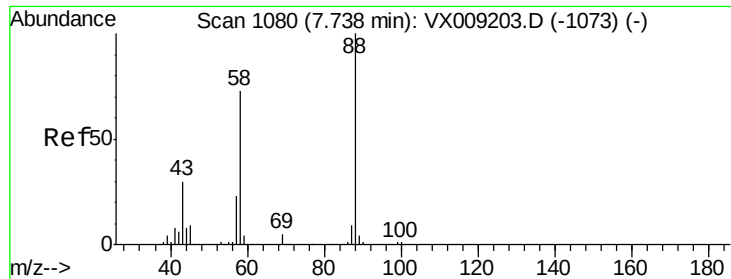
69 71.3 59.1 88.7

39 51.4 40.4 60.6



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

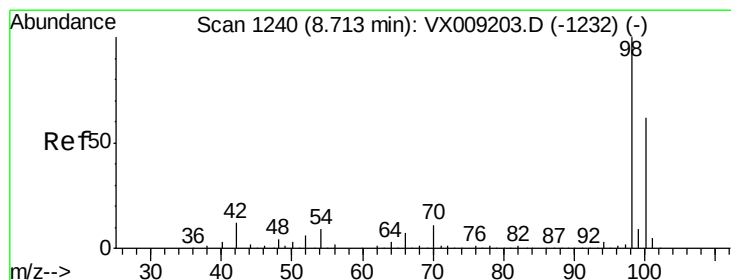
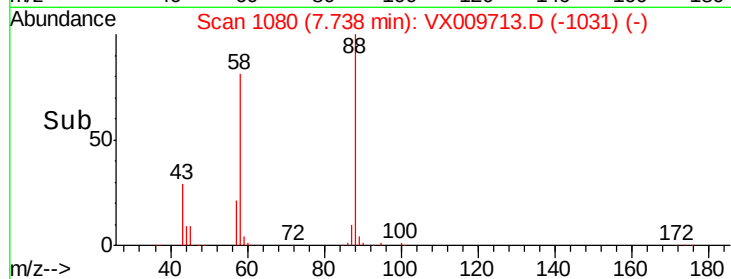
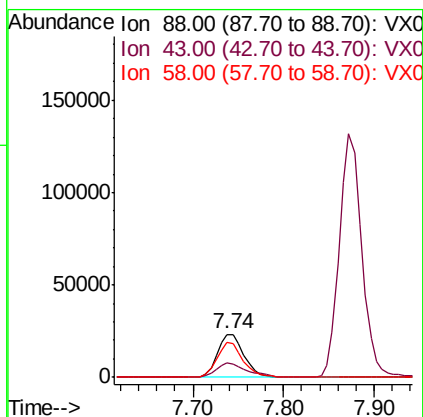
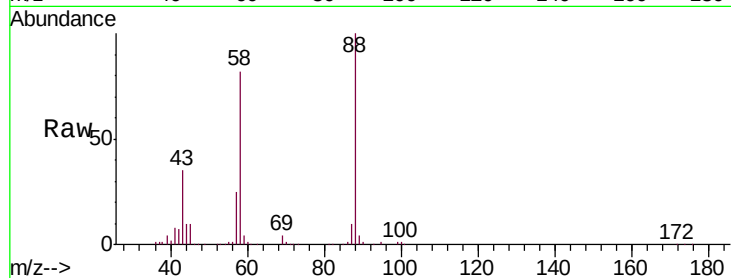




#49
1,4-Dioxane
Concen: 1065.921 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

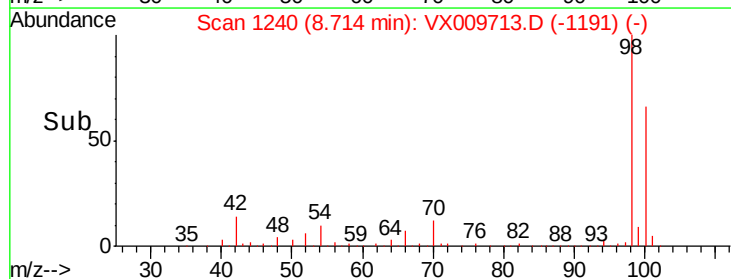
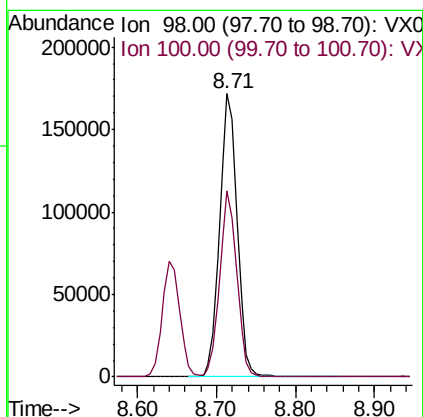
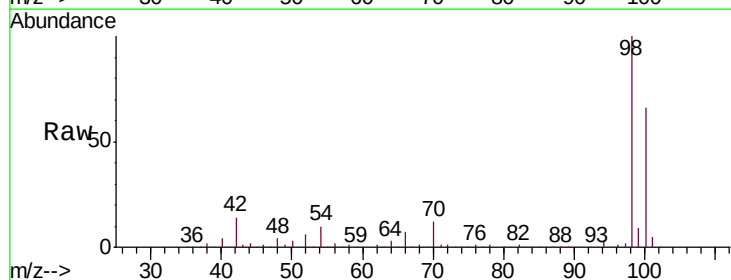
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

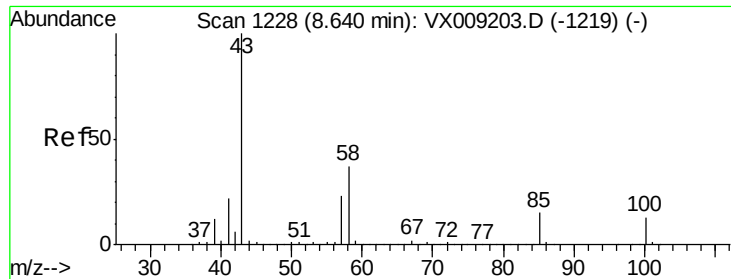
Tgt Ion: 88 Resp: 47913
Ion Ratio Lower Upper
88 100
43 37.8 28.6 42.8
58 79.0 61.7 92.5



#50
Toluene-d8
Concen: 48.724 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion: 98 Resp: 266745
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 303.346 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

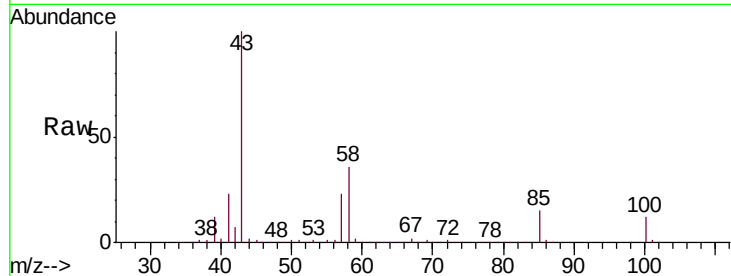
VSTDCCC050EC

Tgt Ion: 43 Resp: 885804

Ion Ratio Lower Upper

43 100

58 36.2 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

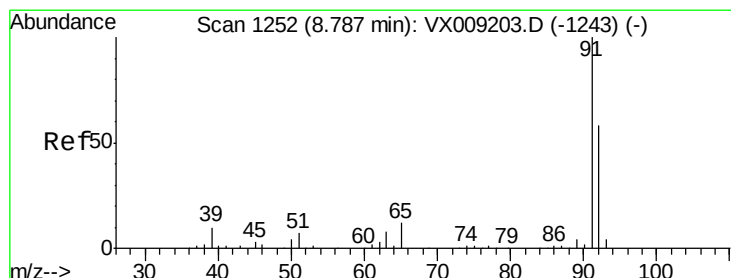
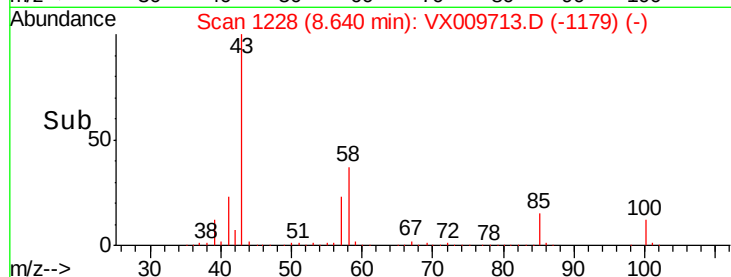
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.910 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009713.D

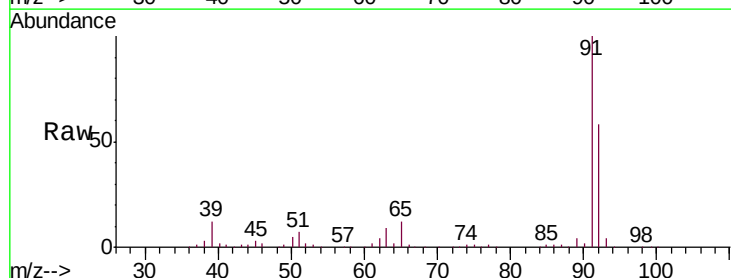
Acq: 18 May 2019 12:30

Tgt Ion: 92 Resp: 195763

Ion Ratio Lower Upper

92 100

91 173.9 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

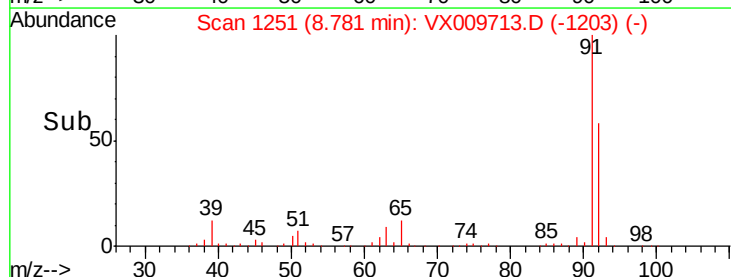
150000

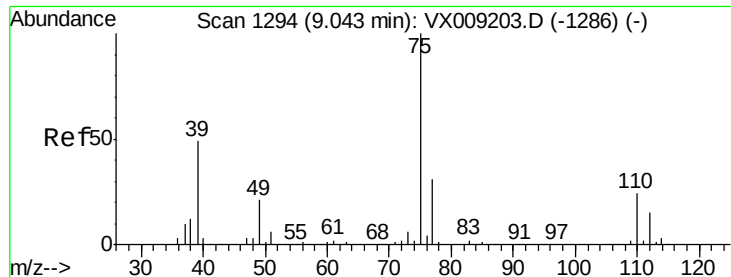
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.785 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

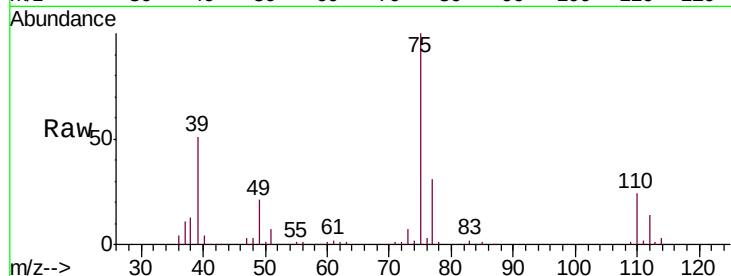
VSTDCCC050EC

Tgt Ion: 75 Resp: 112079

Ion Ratio Lower Upper

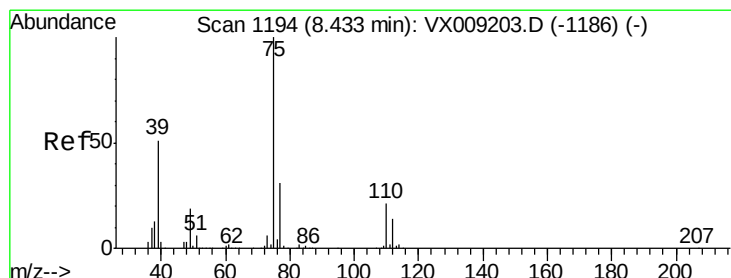
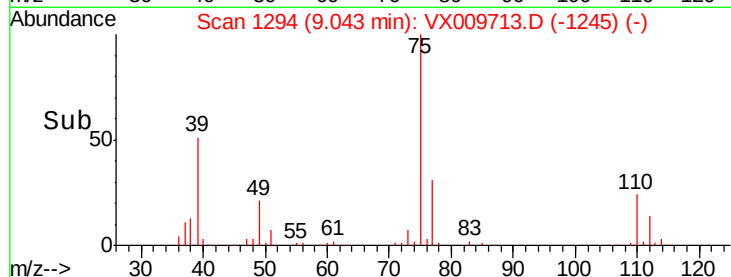
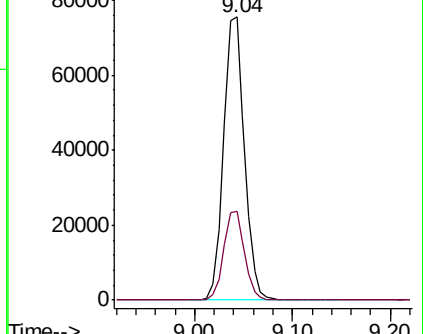
75 100

77 31.3 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.160 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

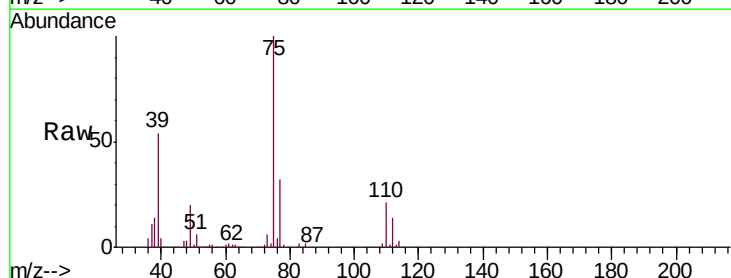
Tgt Ion: 75 Resp: 122466

Ion Ratio Lower Upper

75 100

77 32.3 24.6 36.8

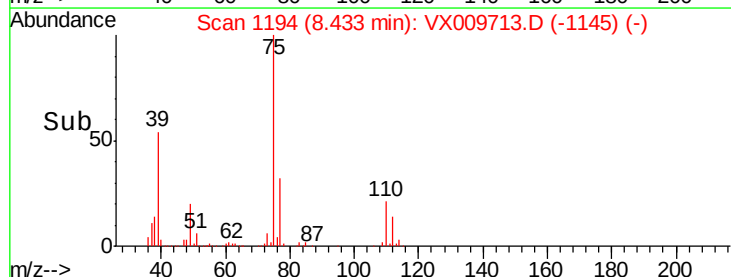
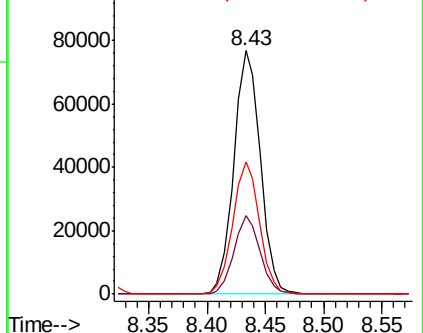
39 54.0 40.6 60.8

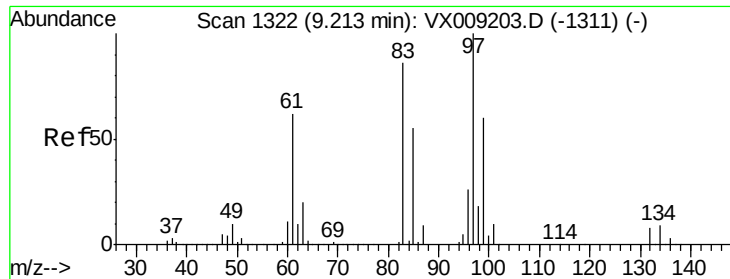


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

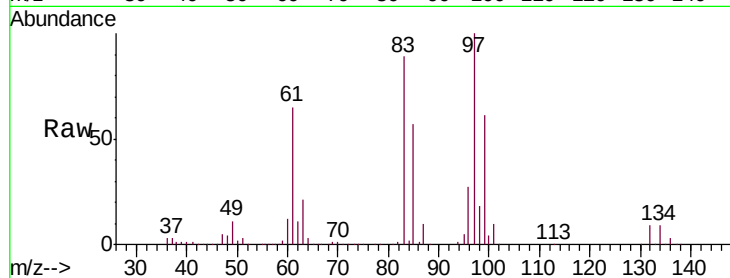




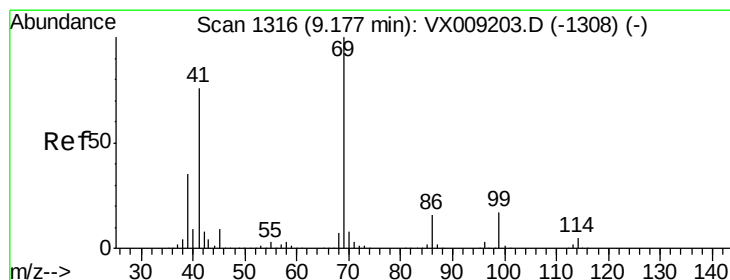
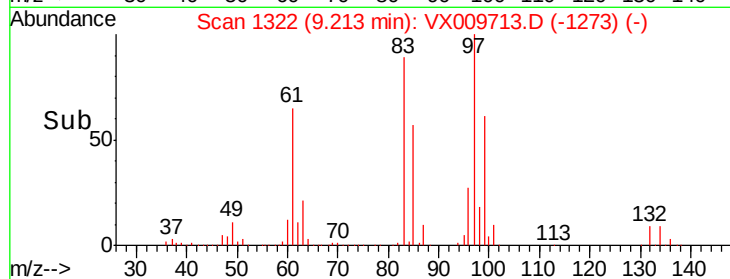
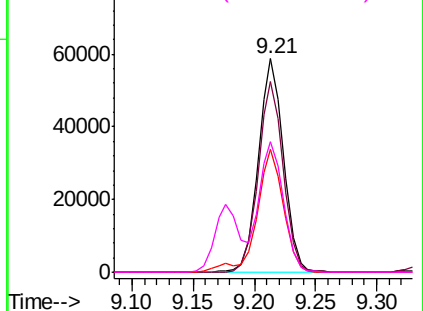
#55
 1,1,2-Trichloroethane
 Concen: 54.997 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	84615
Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.9	103.3
85	57.4	43.8	65.6
99	61.4	48.2	72.2

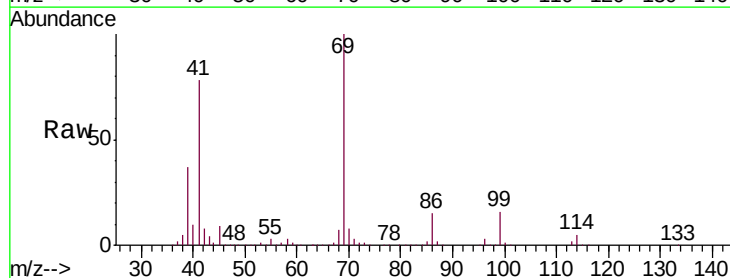


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

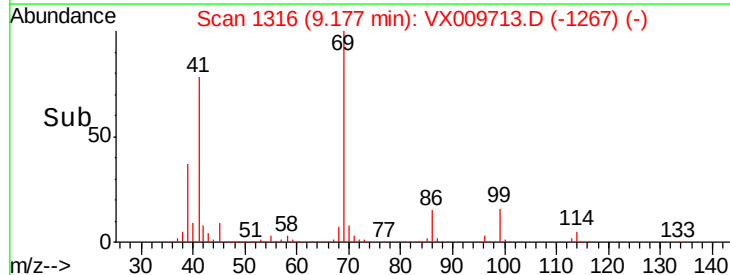
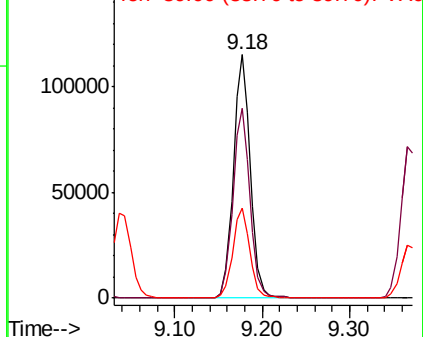


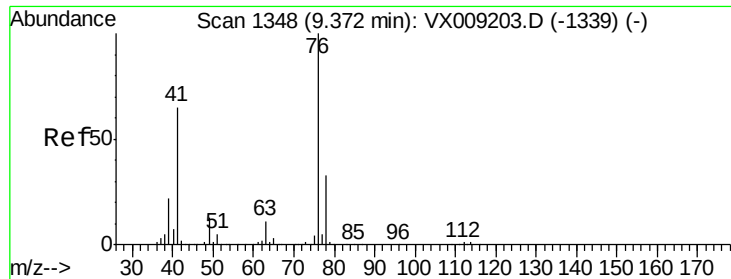
#56
 Ethyl methacrylate
 Concen: 57.042 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion:	69	Resp:	156658
Ion	Ratio	Lower	Upper
69	100		
41	78.1	60.6	90.8
39	36.9	28.2	42.4



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

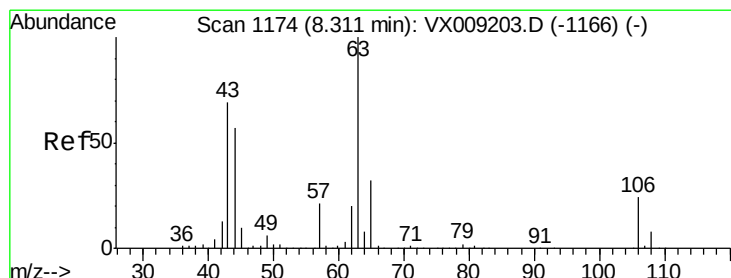
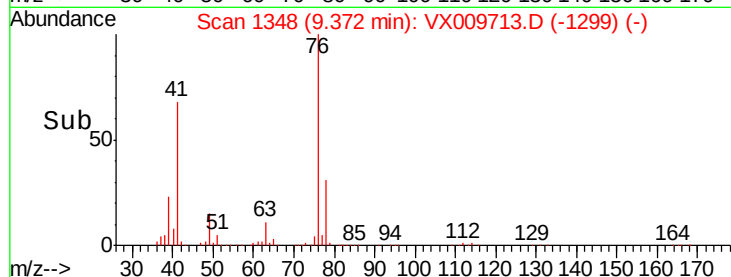
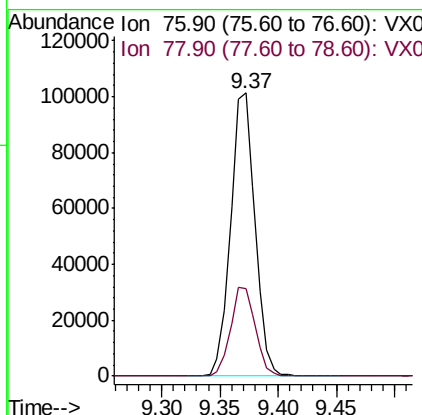
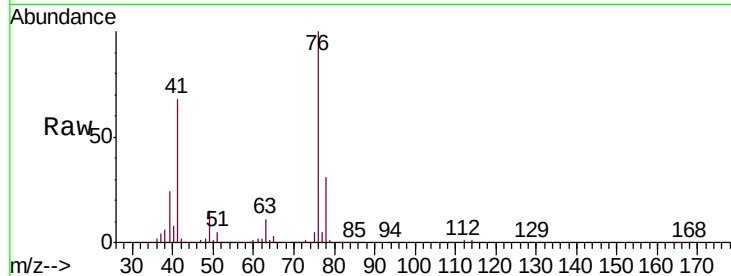




#57
 1,3-Dichloropropane
 Concen: 54.698 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

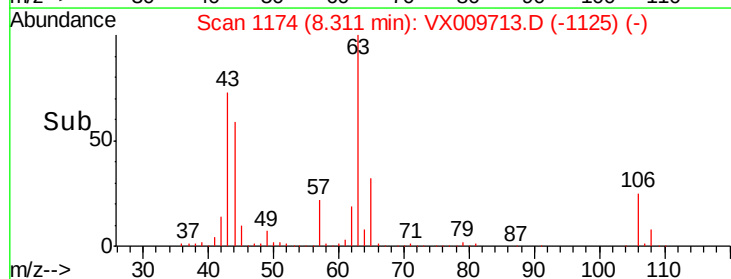
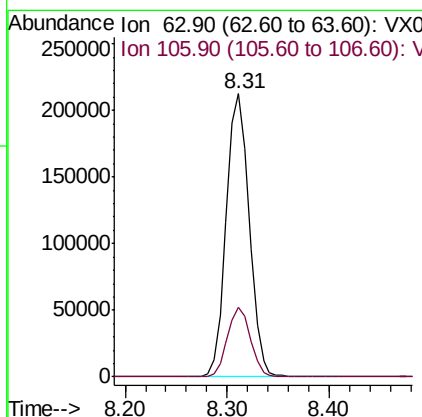
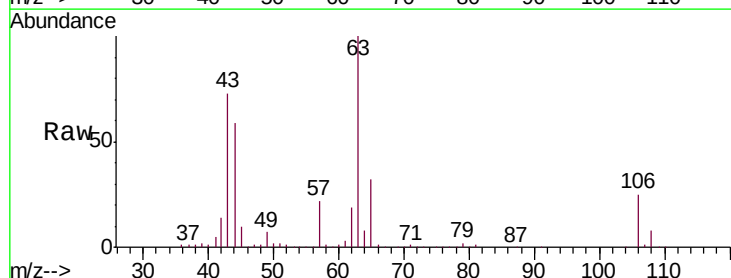
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

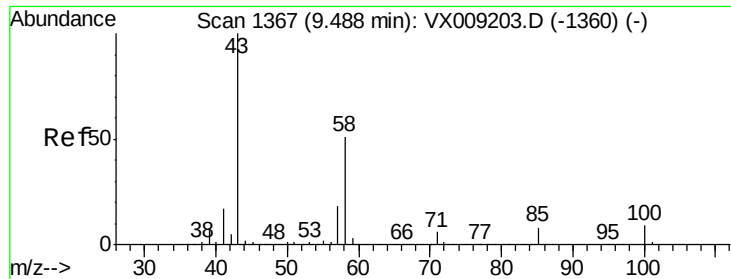
Tgt Ion: 76 Resp: 148091
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.638 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion: 63 Resp: 331657
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

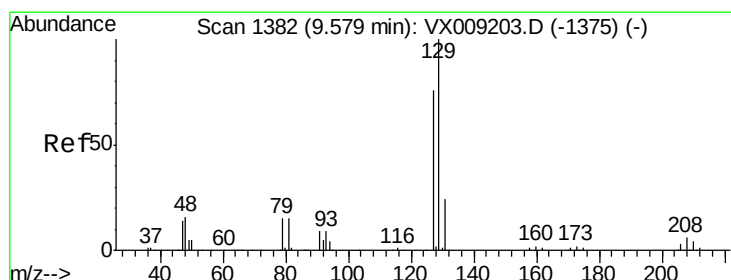
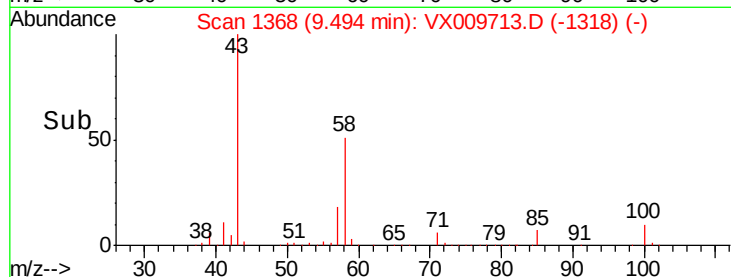
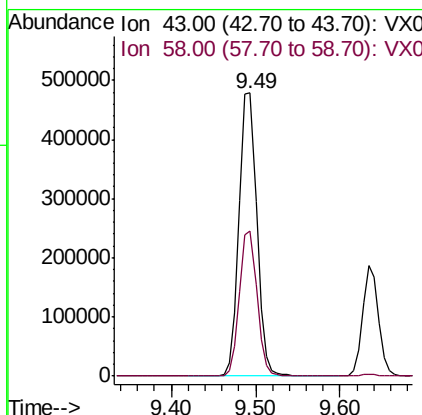
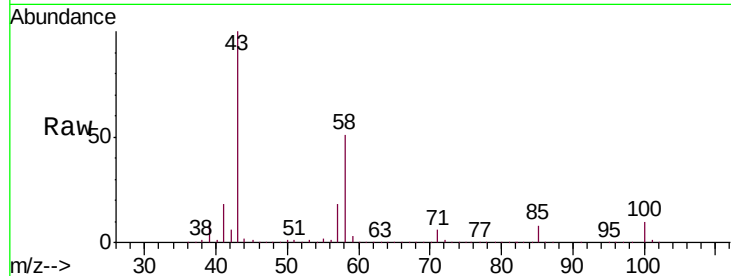




#59
2-Hexanone
Concen: 295.840 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

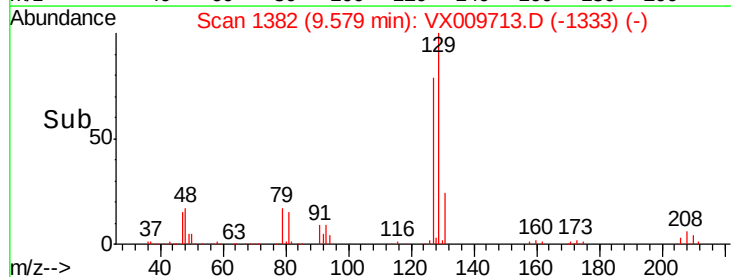
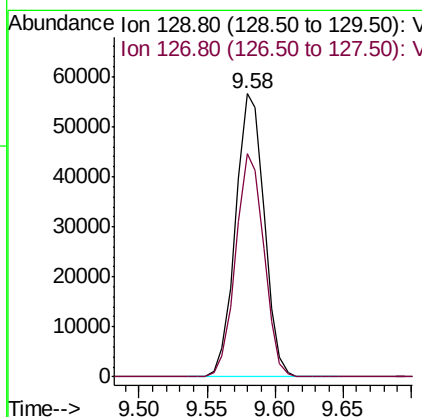
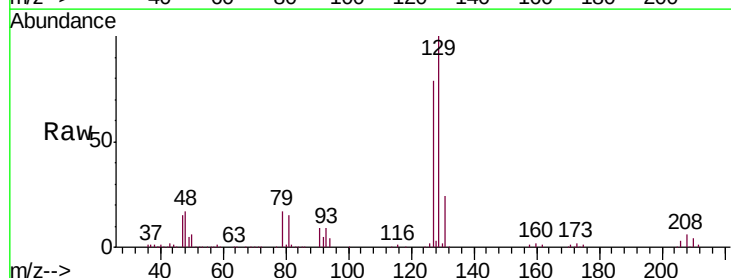
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

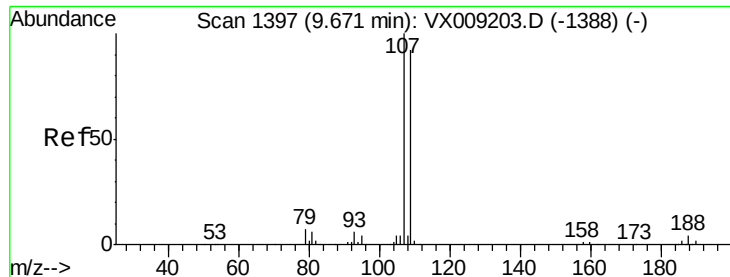
Tgt Ion: 43 Resp: 678484
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.7



#60
Dibromochloromethane
Concen: 55.397 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion: 129 Resp: 83243
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 55.003 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

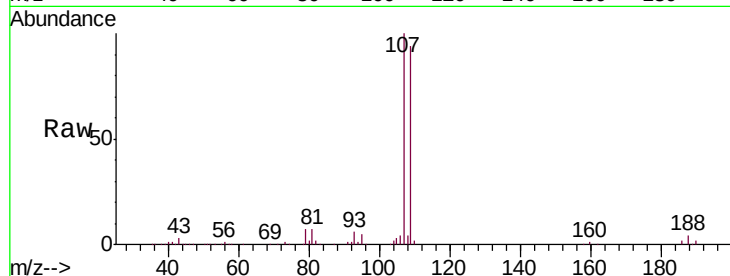
VSTDCCC050EC

Tgt Ion: 107 Resp: 85423

Ion Ratio Lower Upper

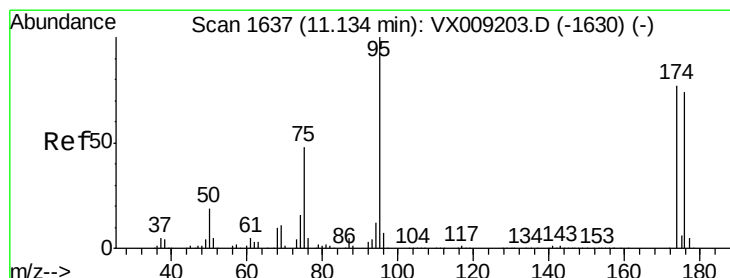
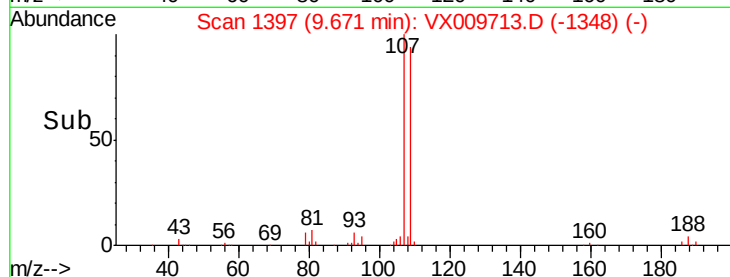
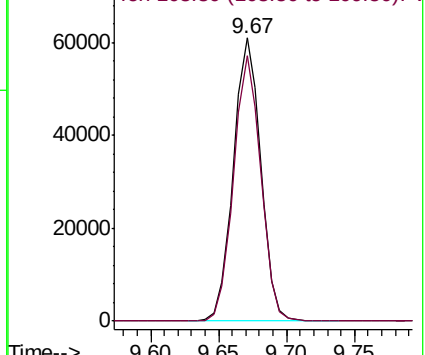
107 100

109 93.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.723 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

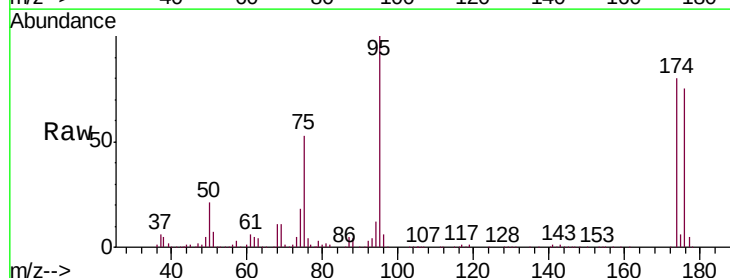
Tgt Ion: 95 Resp: 100902

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.6

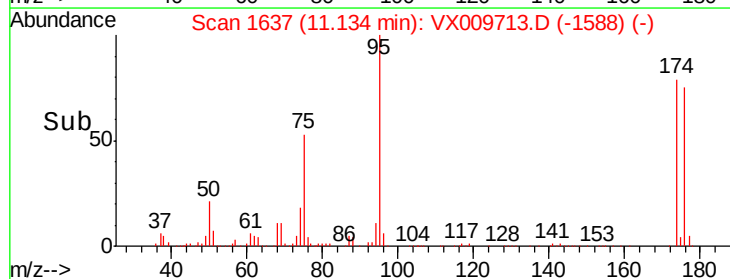
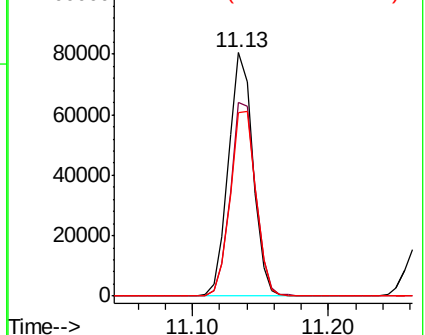
176 79.6 0.0 159.2

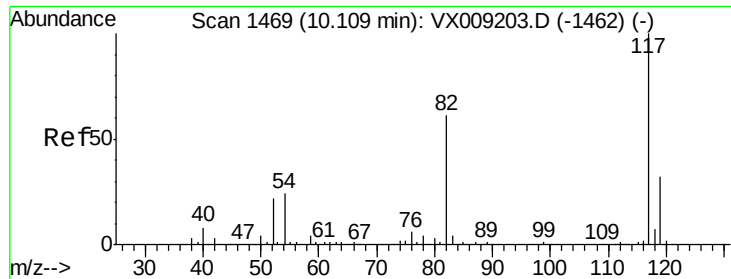


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

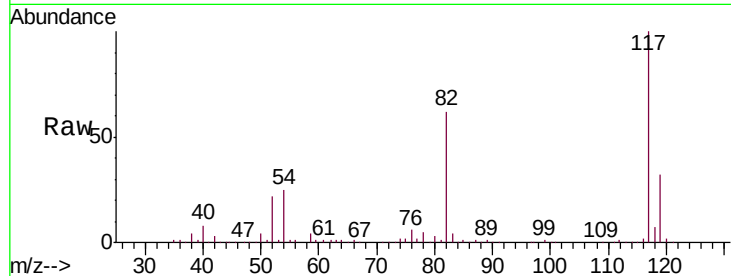




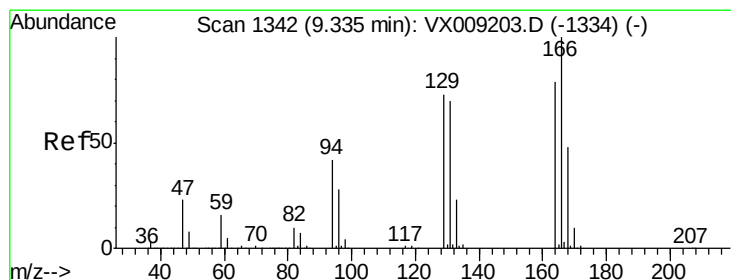
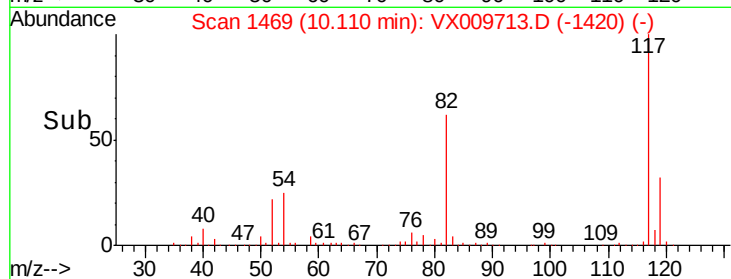
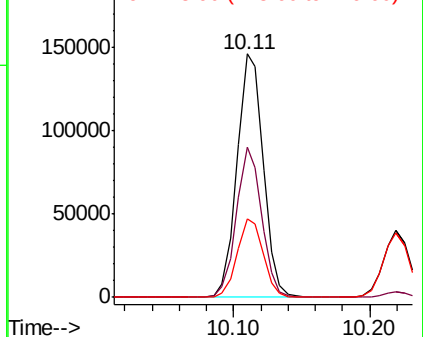
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 197115
Ion Ratio Lower Upper
117 100
82 61.8 48.8 73.2
119 32.1 25.8 38.6

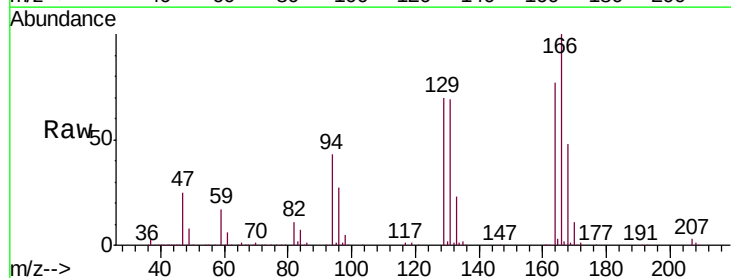


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

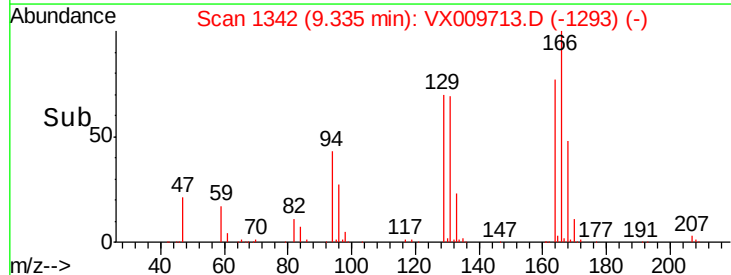
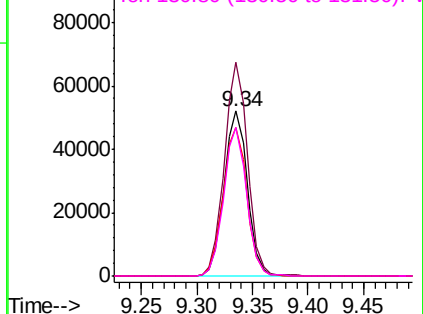


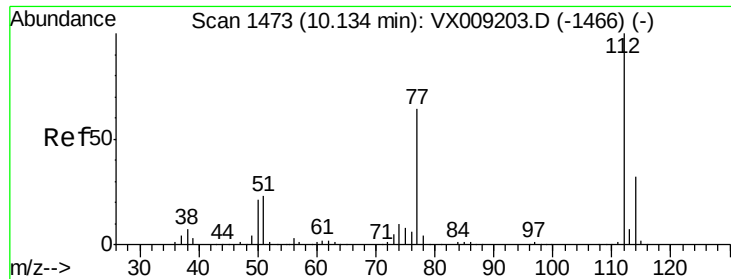
#64
Tetrachloroethene
Concen: 55.946 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion:164 Resp: 75646
Ion Ratio Lower Upper
164 100
166 129.4 101.2 151.8
129 90.2 74.3 111.5
131 89.9 71.0 106.6



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

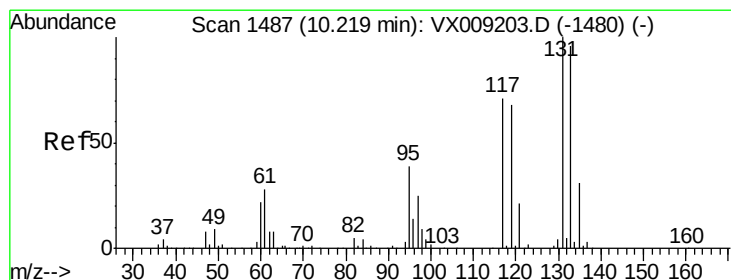
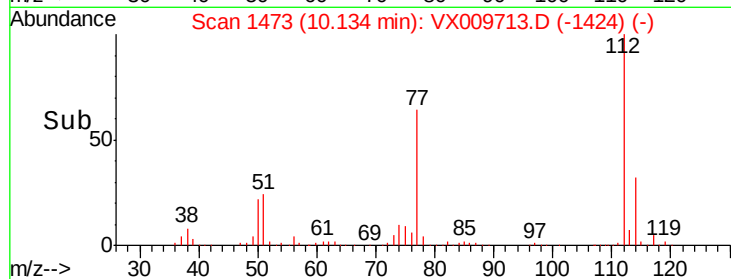
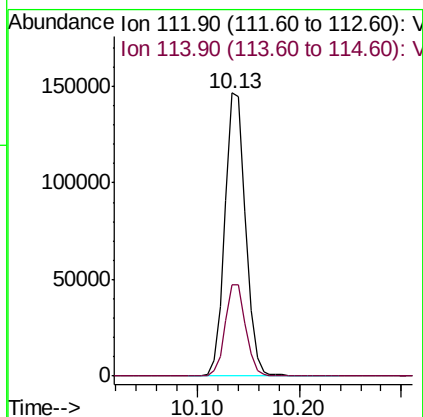
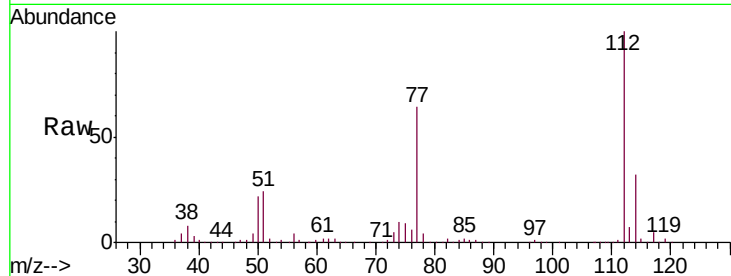




#65
Chlorobenzene
Concen: 52.130 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

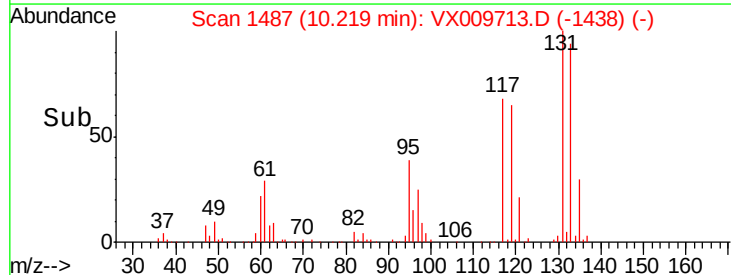
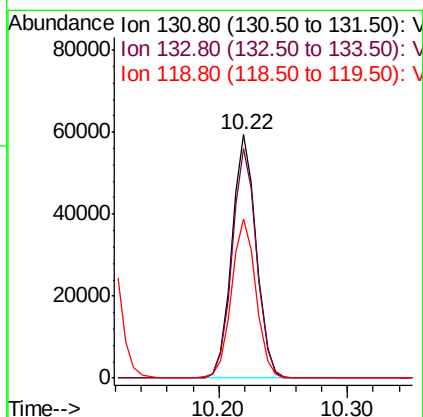
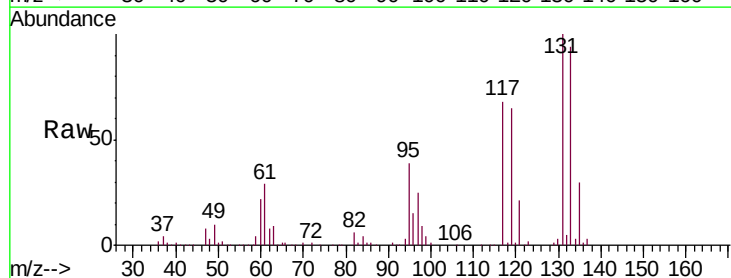
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

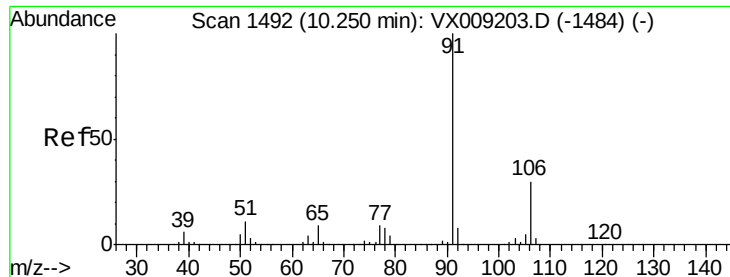
Tgt Ion:112 Resp: 205558
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.856 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion:131 Resp: 78421
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 66.1 33.5 100.4

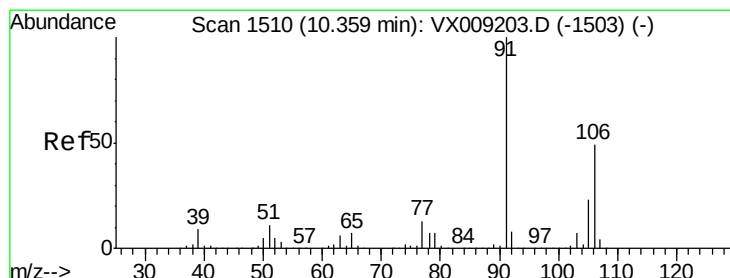
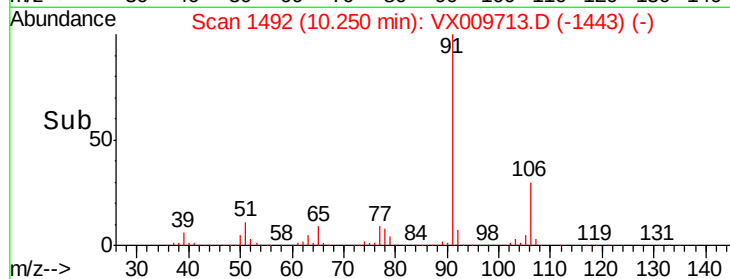
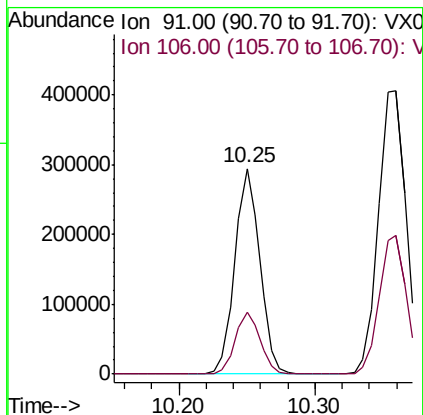
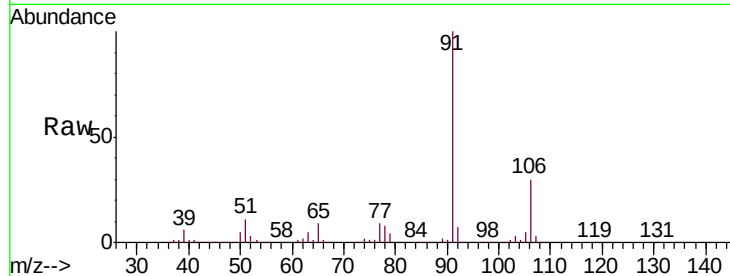




#67
Ethyl Benzene
Concen: 51.973 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

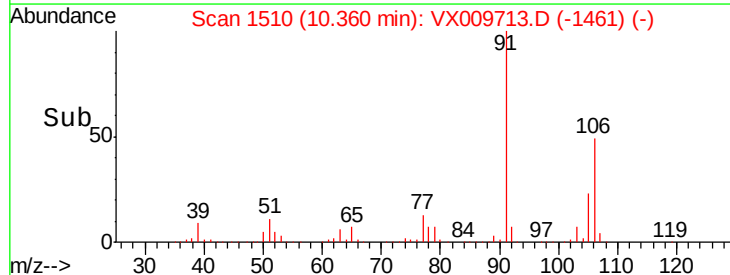
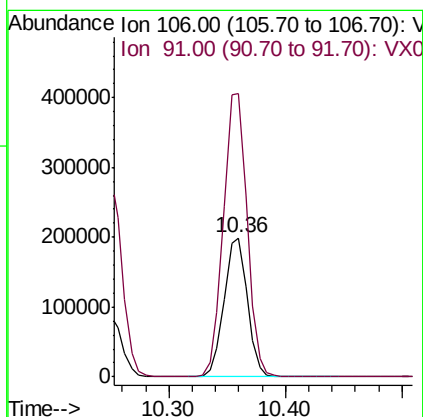
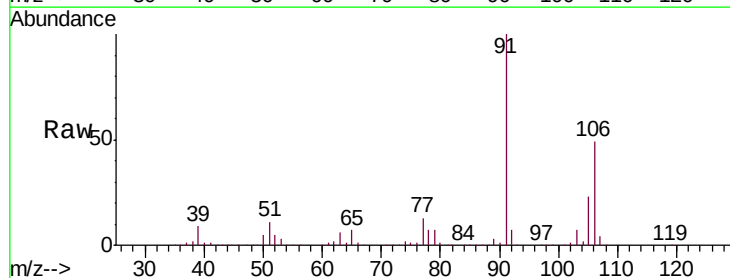
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

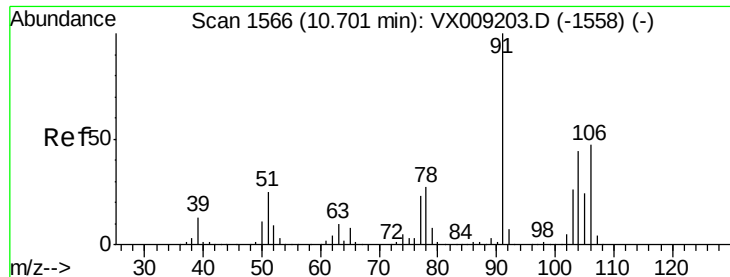
Tgt Ion: 91 Resp: 377167
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0



#68
m/p-Xylenes
Concen: 103.933 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion: 106 Resp: 275622
Ion Ratio Lower Upper
106 100
91 208.2 164.0 246.0

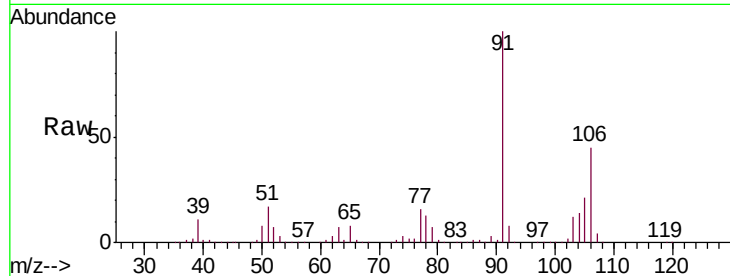




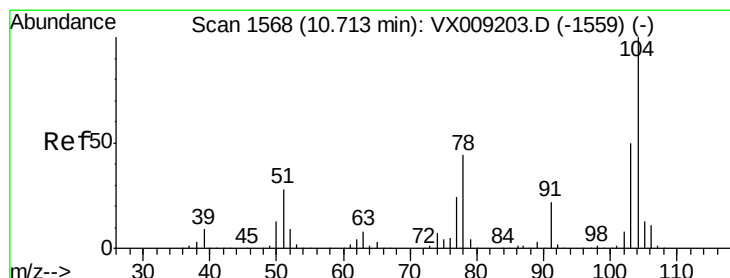
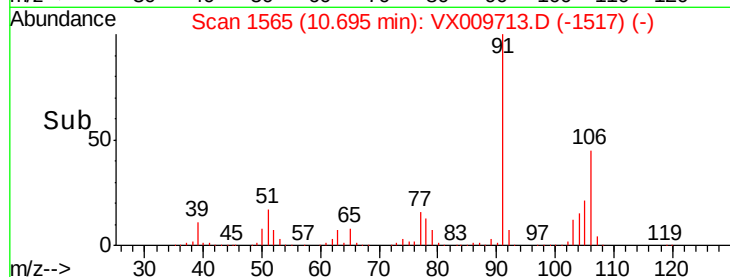
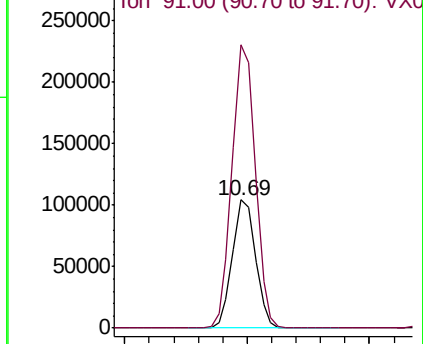
#69
o-Xylene
Concen: 52.576 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 137565
Ion Ratio Lower Upper
106 100
91 220.6 109.5 328.4

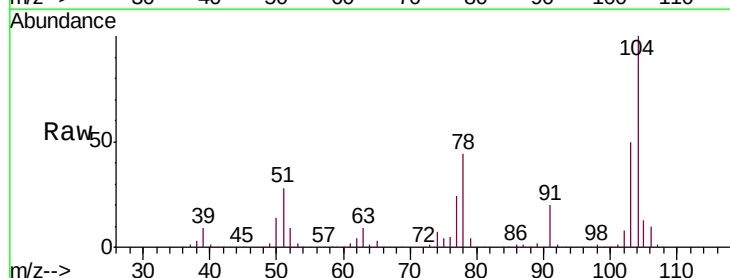


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

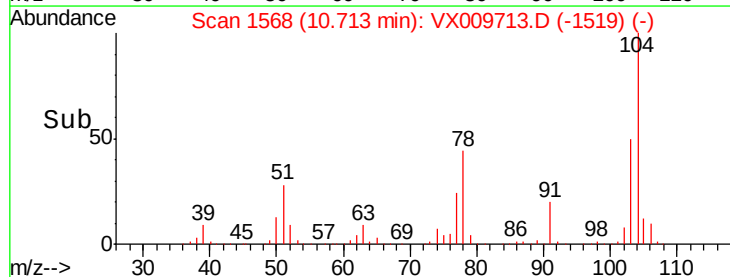
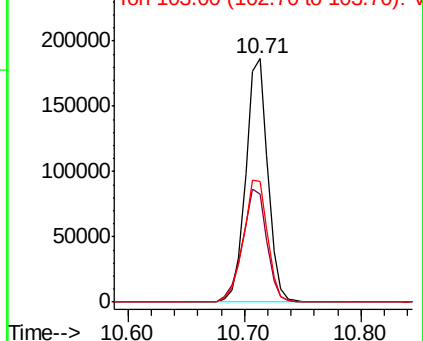


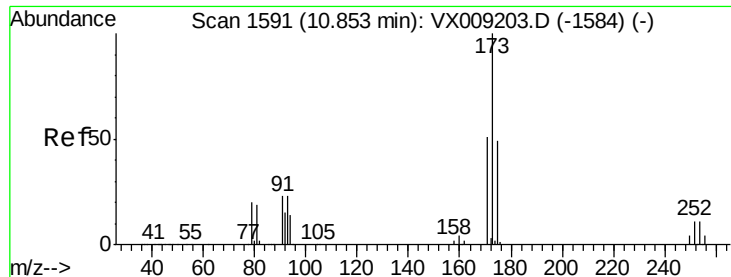
#70
Styrene
Concen: 54.116 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion:104 Resp: 246103
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.4
103 55.4 43.8 65.6



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

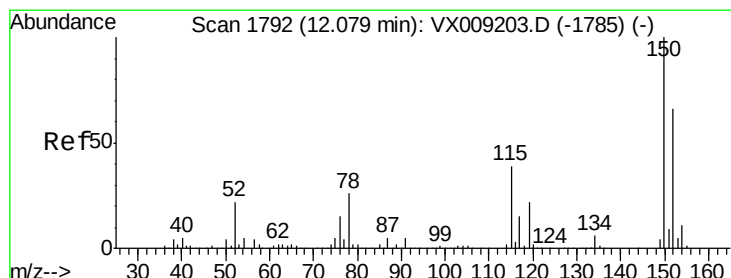
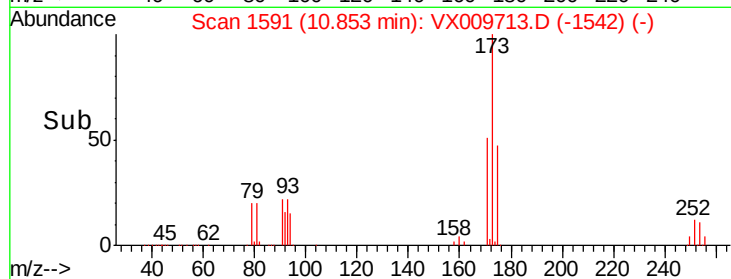
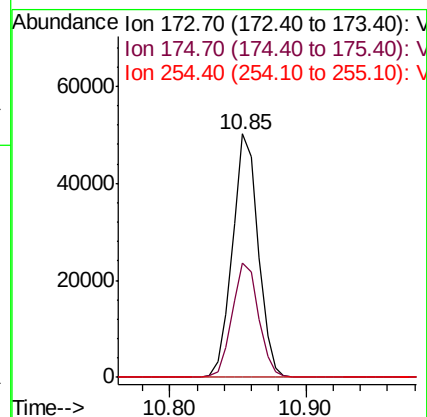
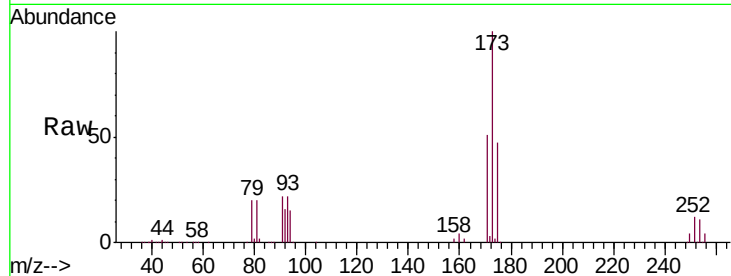




#71
Bromoform
Concen: 56.635 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

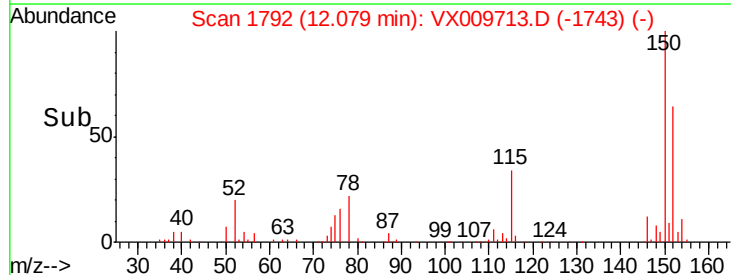
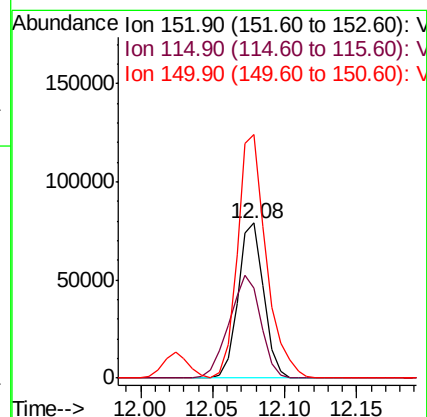
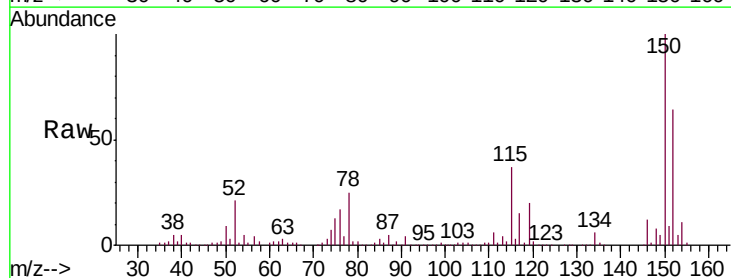
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

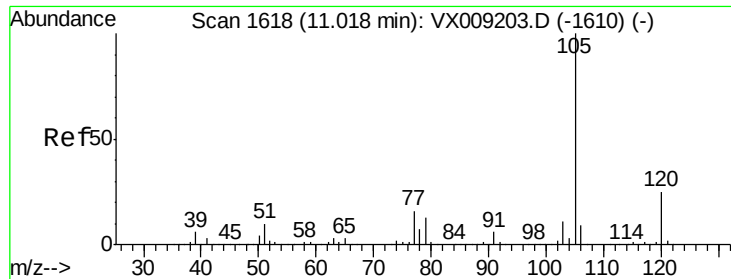
Tgt Ion:173 Resp: 65795
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion:152 Resp: 98215
Ion Ratio Lower Upper
152 100
115 82.2 41.2 123.6
150 175.3 0.0 346.4

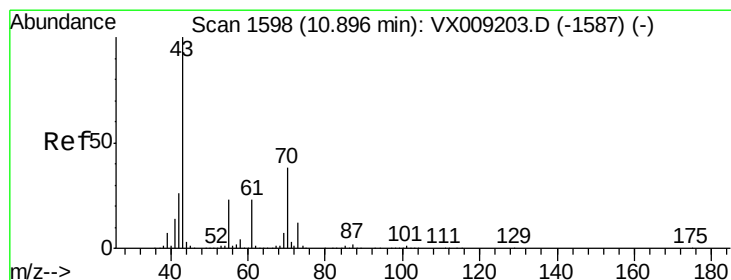
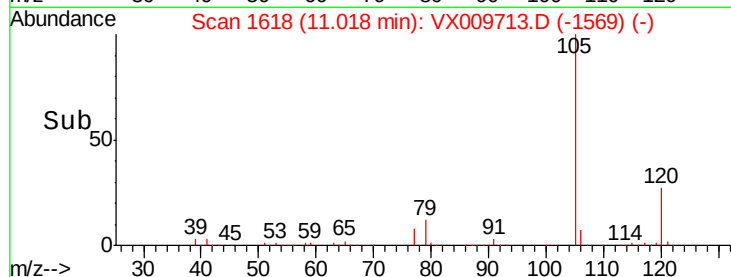
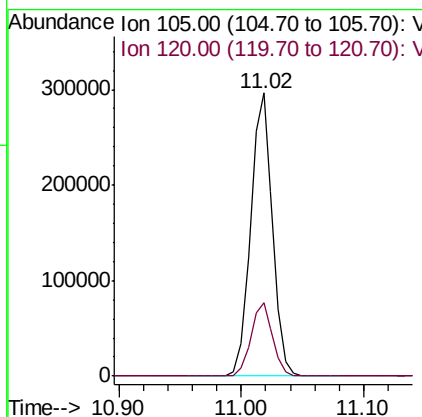
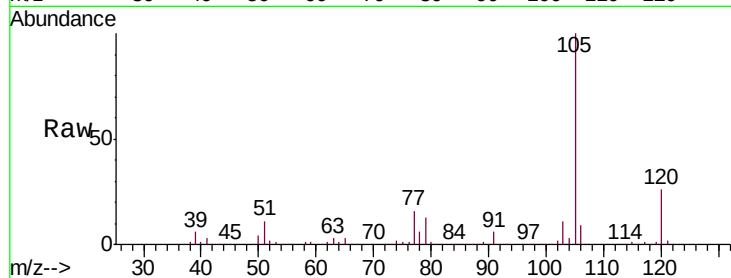




#73
Isopropylbenzene
Concen: 51.366 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

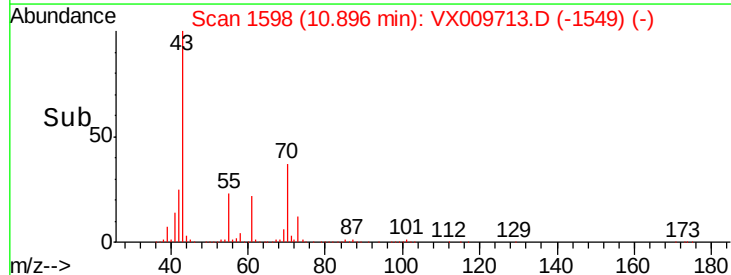
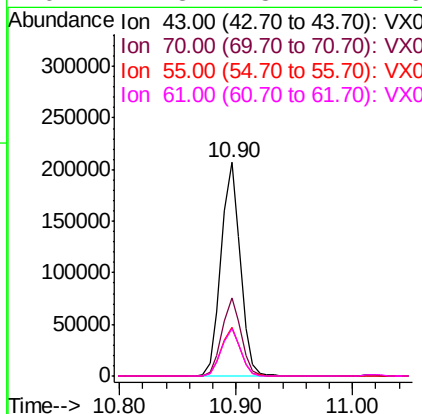
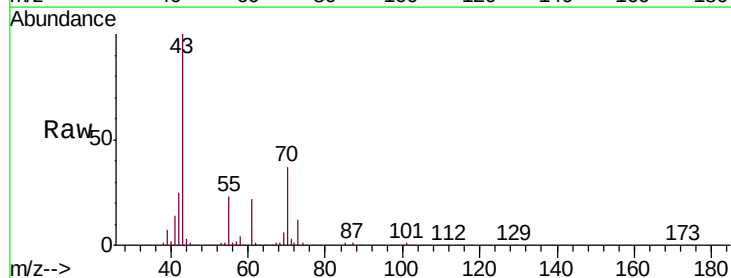
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

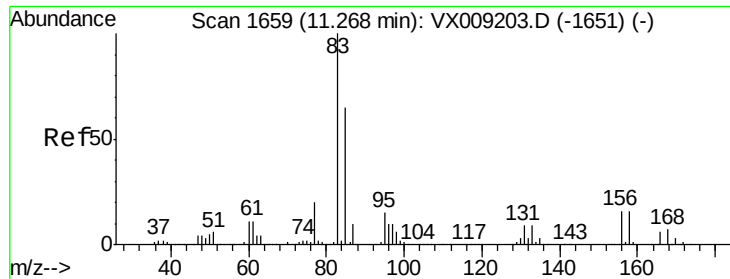
Tgt Ion: 105 Resp: 366857
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 56.323 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion: 43 Resp: 234524
Ion Ratio Lower Upper
43 100
70 36.7 30.0 45.0
55 22.8 17.9 26.9
61 22.3 18.4 27.6

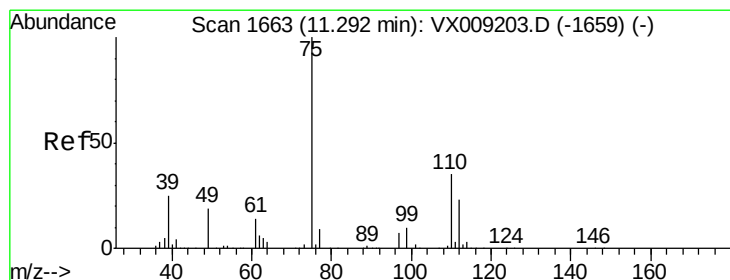
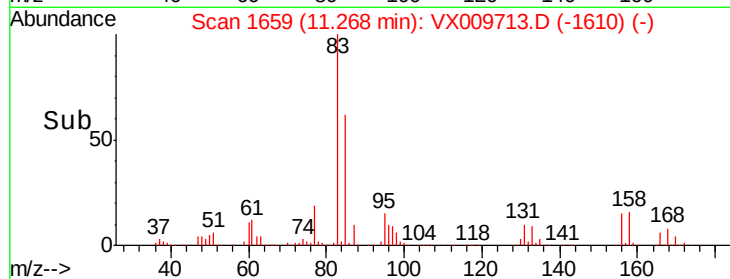
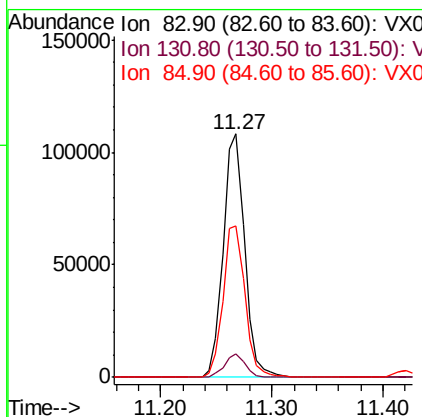
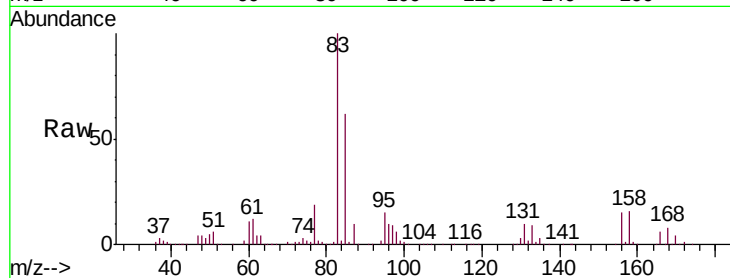




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.230 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

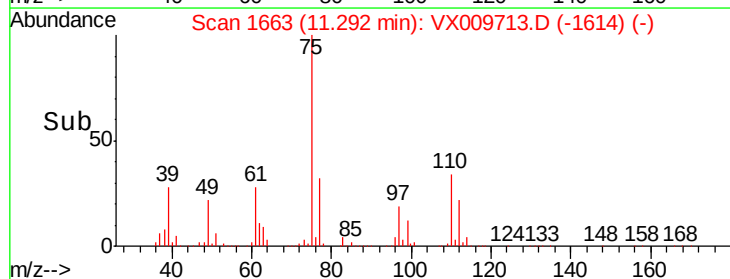
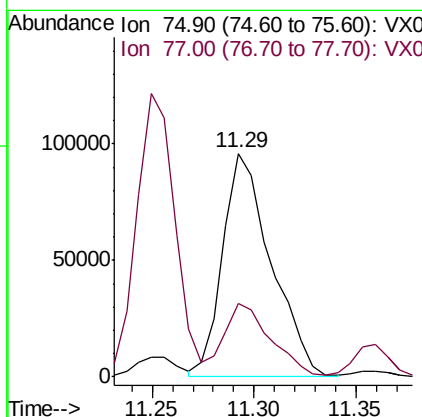
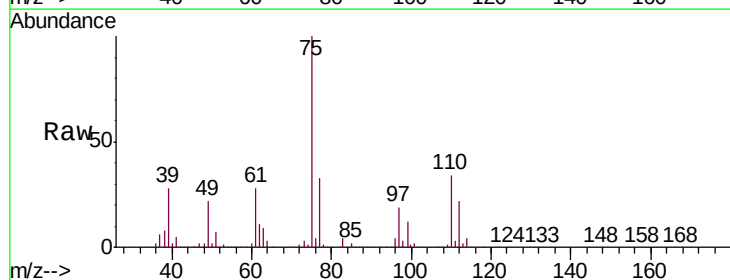
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

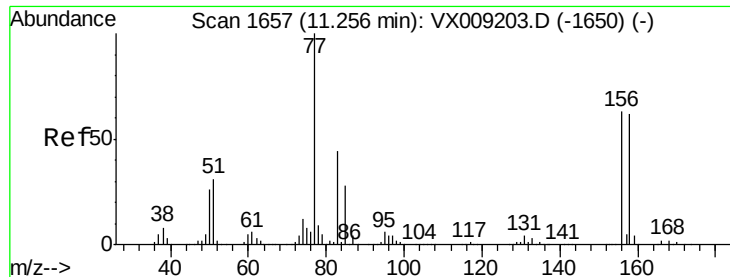
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.6	13.8
85	63.6	32.0	96.2



#76
 1,2,3-Trichloropropane
 Concen: 69.427 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.1	66.1





#77

Bromobenzene

Concen: 51.777 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

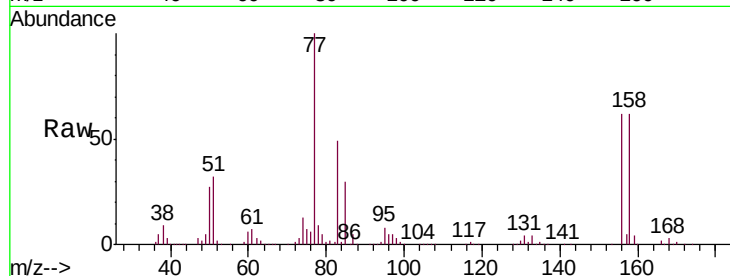
Tgt Ion:156 Resp: 91785

Ion Ratio Lower Upper

156 100

77 172.9 84.8 254.3

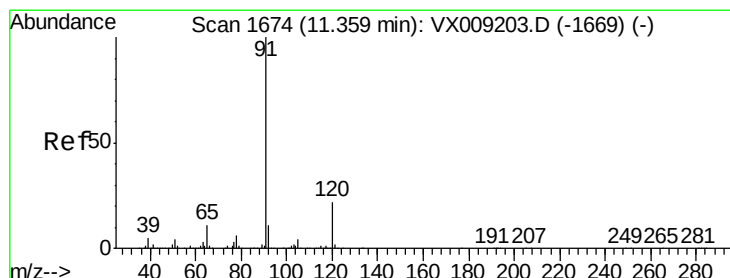
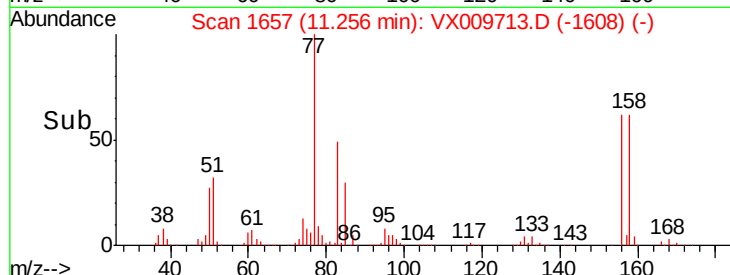
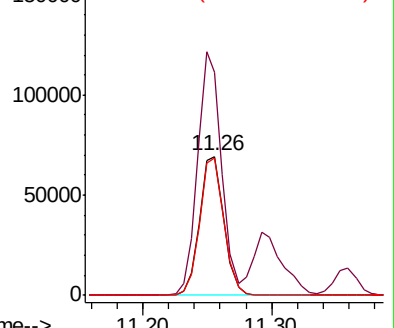
158 98.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.991 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009713.D

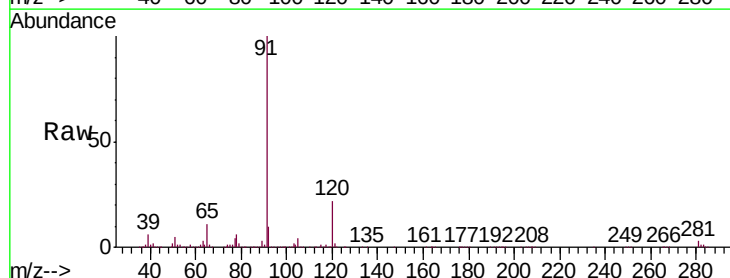
Acq: 18 May 2019 12:30

Tgt Ion: 91 Resp: 415915

Ion Ratio Lower Upper

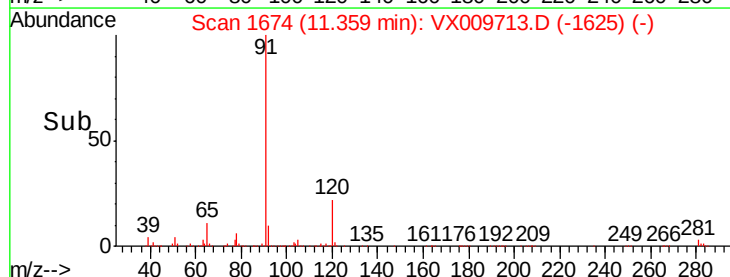
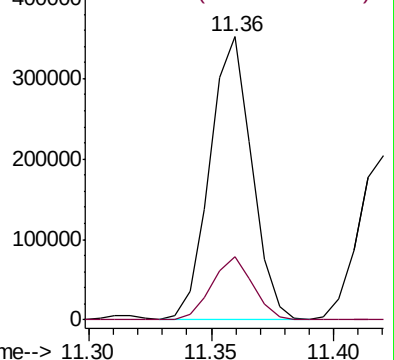
91 100

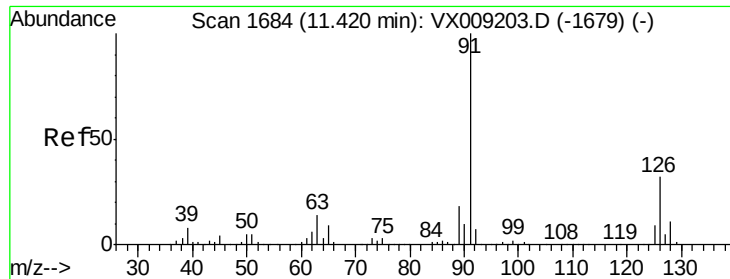
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.585 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

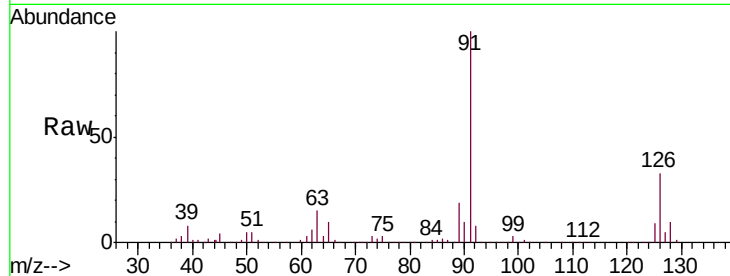
VSTDCCC050EC

Tgt Ion: 91 Resp: 254557

Ion Ratio Lower Upper

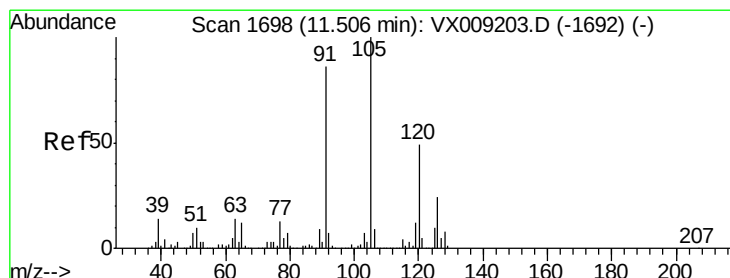
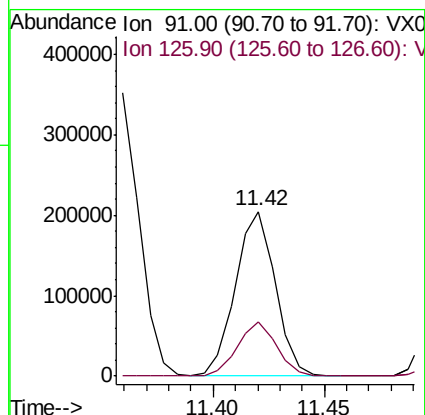
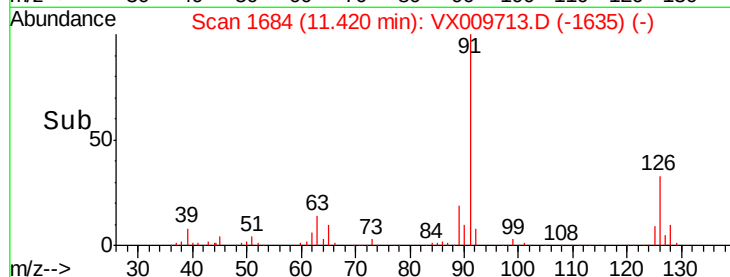
91 100

126 32.6 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009713.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX009713.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.684 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009713.D

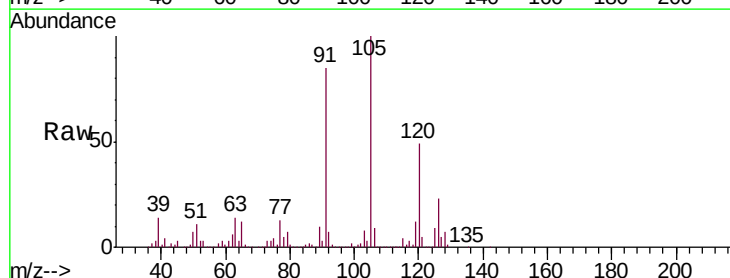
Acq: 18 May 2019 12:30

Tgt Ion: 105 Resp: 310810

Ion Ratio Lower Upper

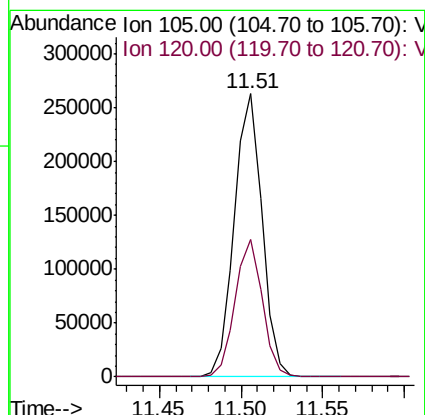
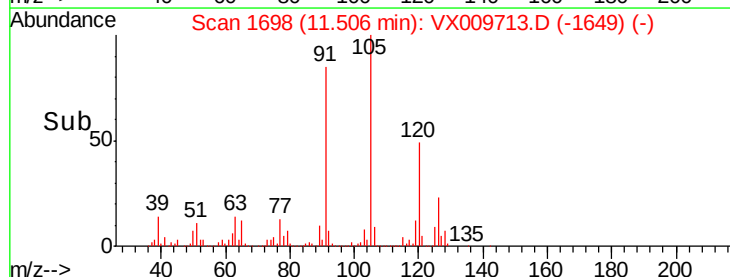
105 100

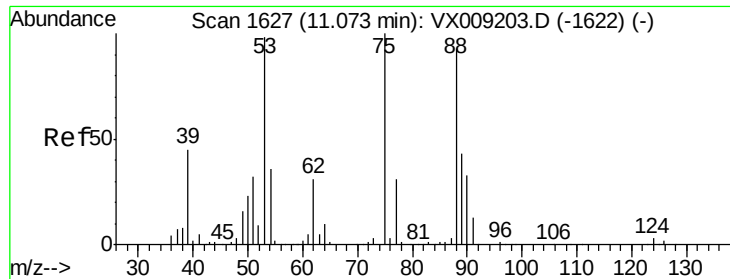
120 47.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009713.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX009713.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.090 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

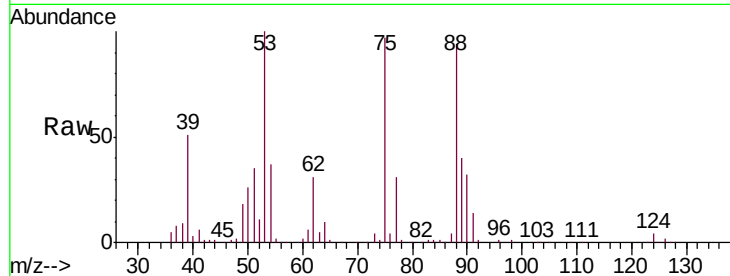
Tgt Ion: 75 Resp: 36587

Ion Ratio Lower Upper

75 100

53 104.2 79.0 118.6

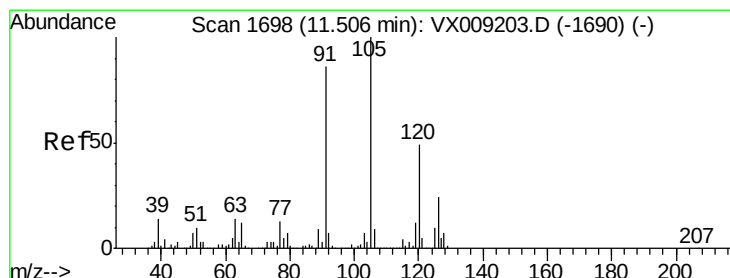
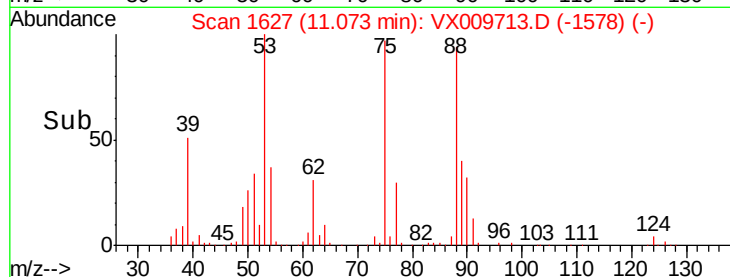
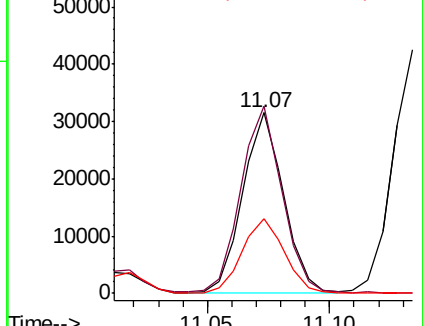
89 42.9 34.7 52.1



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: 51.094 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009713.D

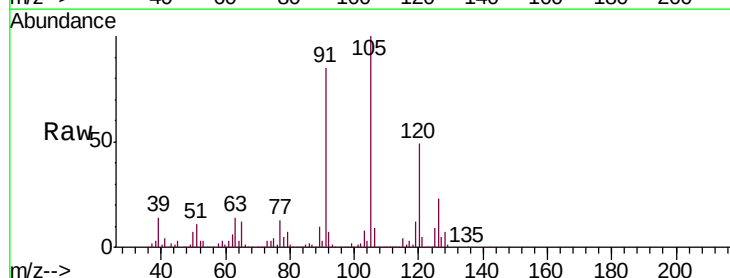
Acq: 18 May 2019 12:30

Tgt Ion: 91 Resp: 290466

Ion Ratio Lower Upper

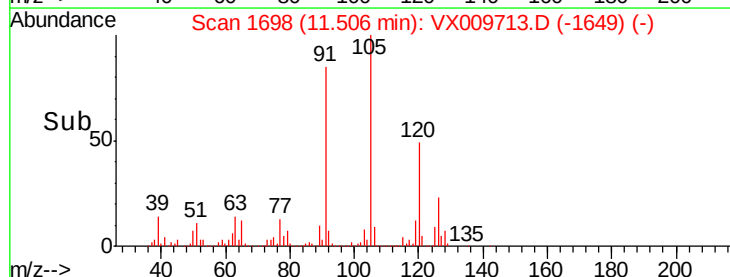
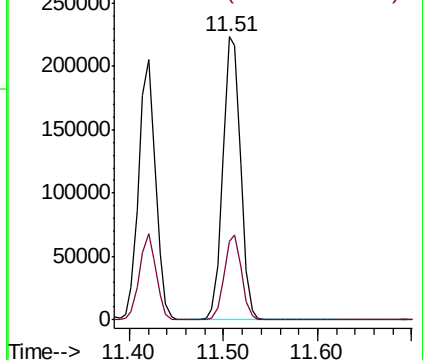
91 100

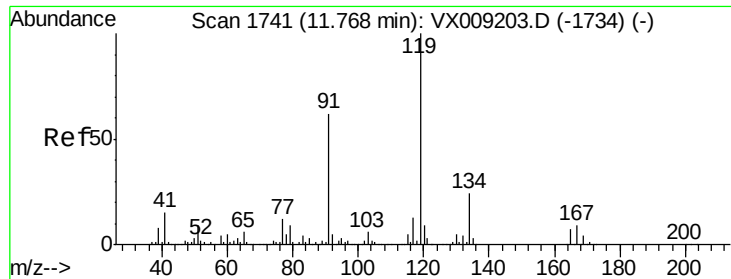
126 29.2 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

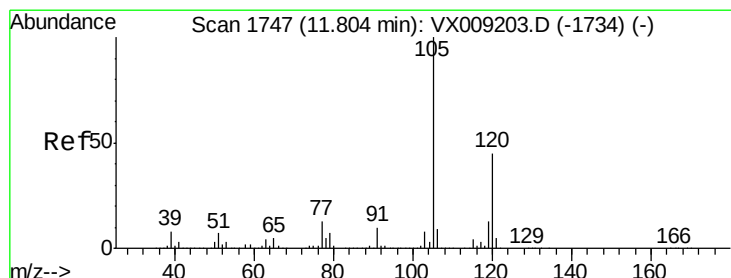
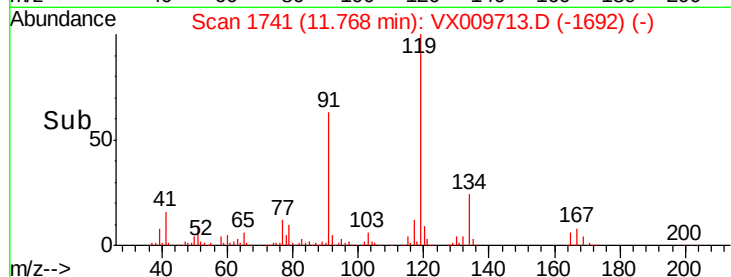
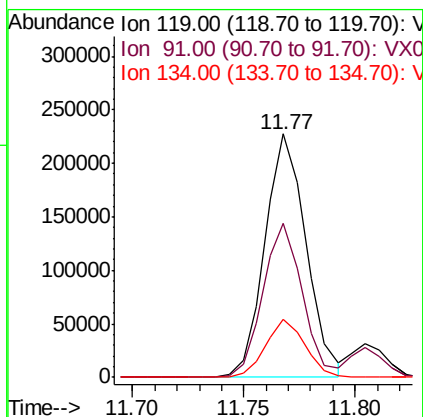
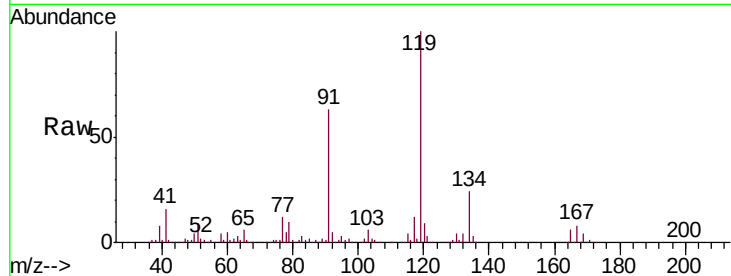




#83
 tert-Butylbenzene
 Concen: 49.985 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

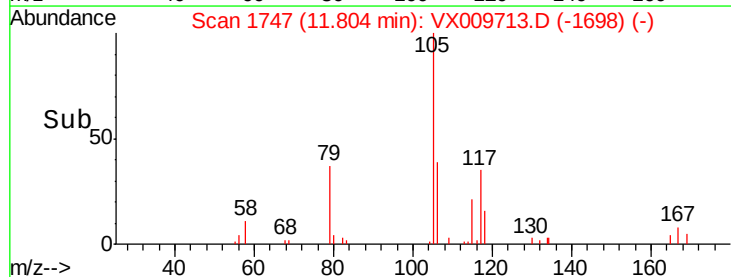
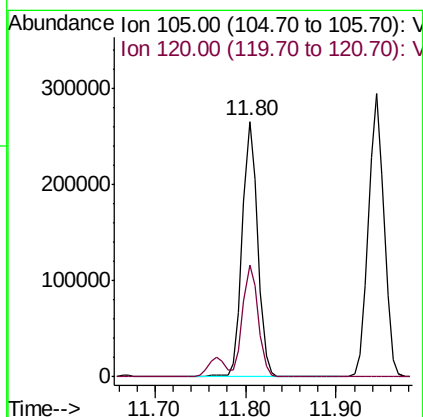
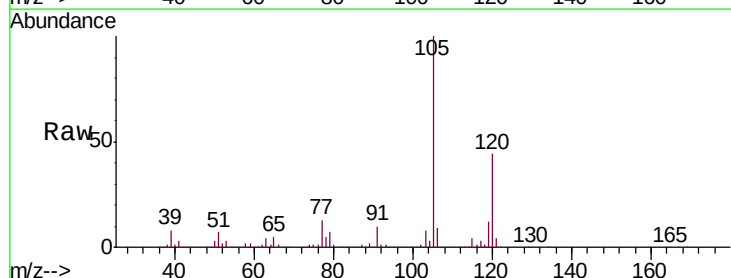
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

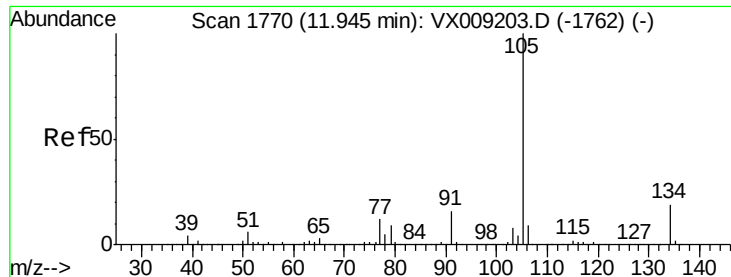
Tgt Ion:119 Resp: 292412
 Ion Ratio Lower Upper
 119 100
 91 60.7 29.5 88.5
 134 22.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.118 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion:105 Resp: 314594
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.715 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

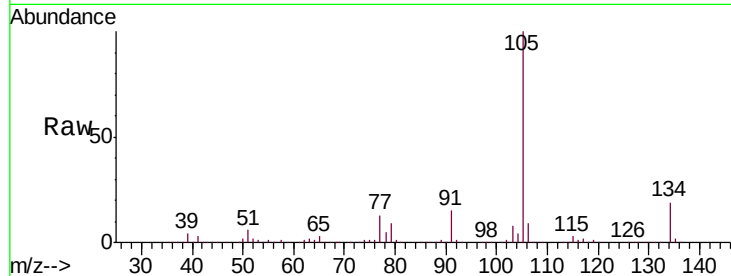
VSTDCCC050EC

Tgt Ion:105 Resp: 351743

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

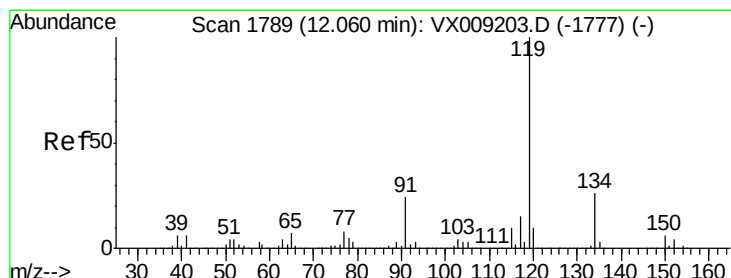
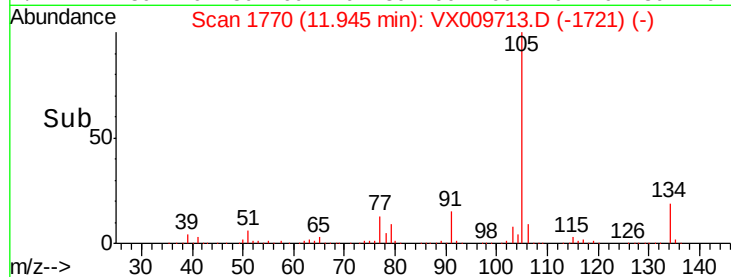
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.741 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

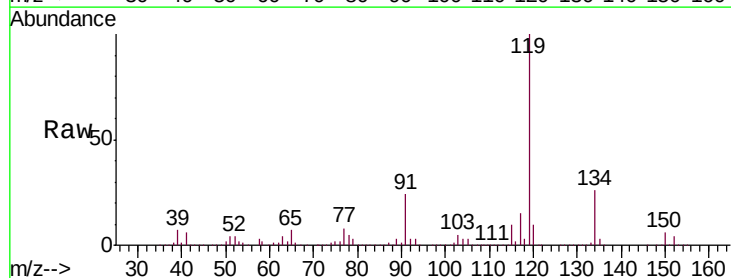
Tgt Ion:119 Resp: 316376

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 23.8 11.8 35.4



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

12.06

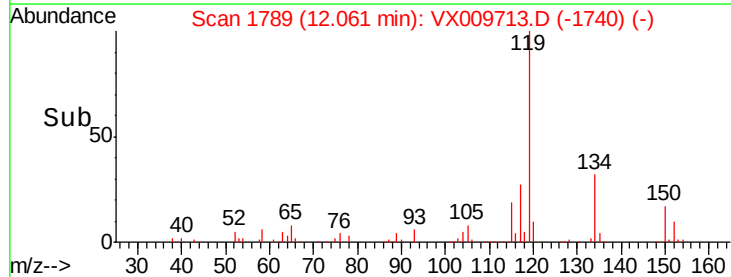
300000

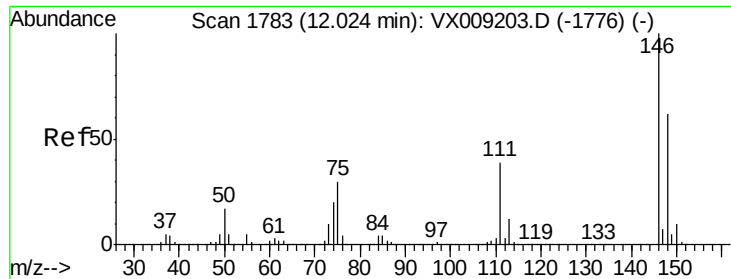
200000

100000

0

Time-->

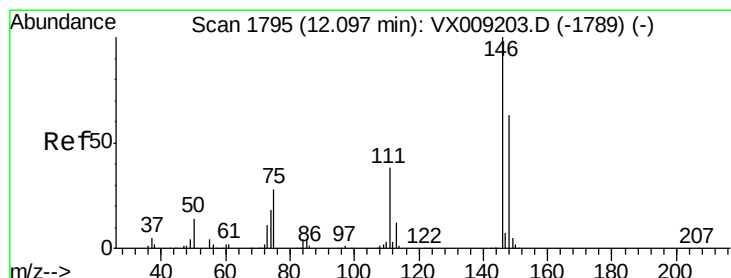
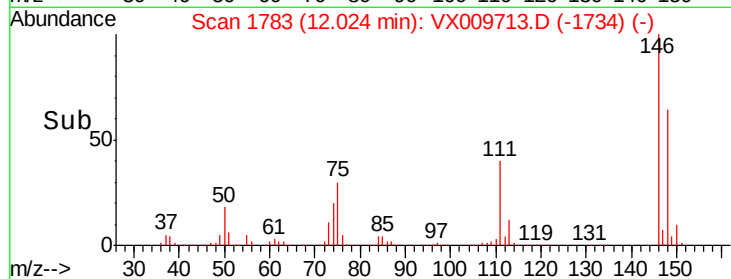
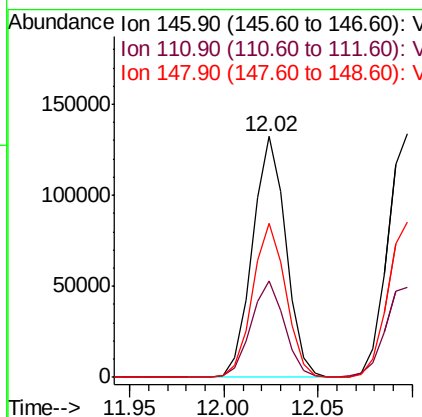
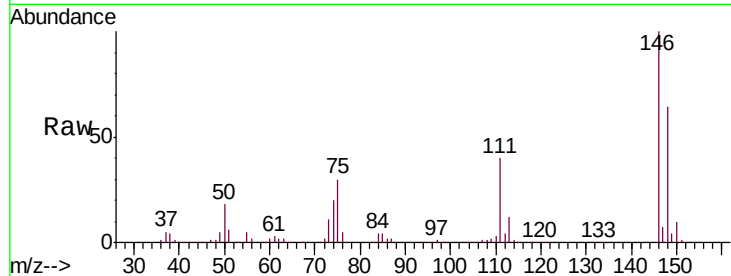




#87
 1,3-Dichlorobenzene
 Concen: 51.317 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

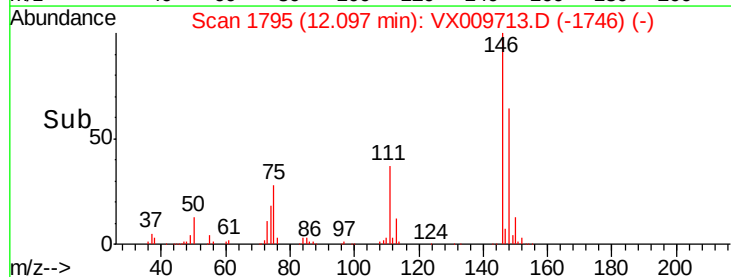
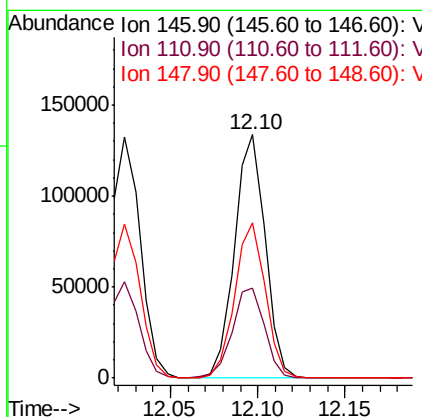
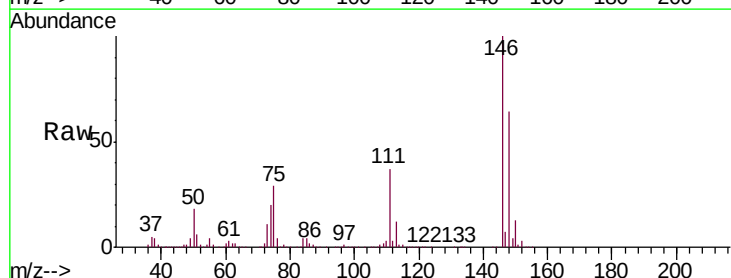
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

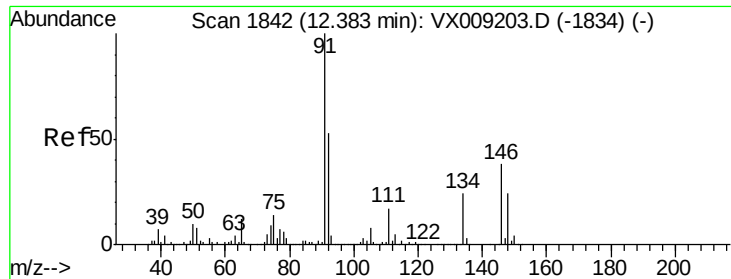
Tgt Ion:146 Resp: 162169
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.143 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion:146 Resp: 162942
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 64.0 31.8 95.3





#89

n-Butylbenzene

Concen: 48.677 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009713.D

Acq: 18 May 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

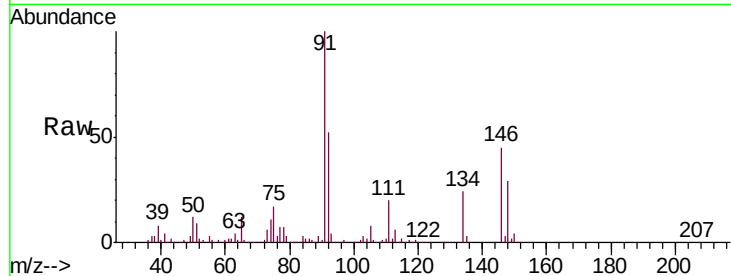
Tgt Ion: 91 Resp: 274323

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

134 24.9 12.4 37.2

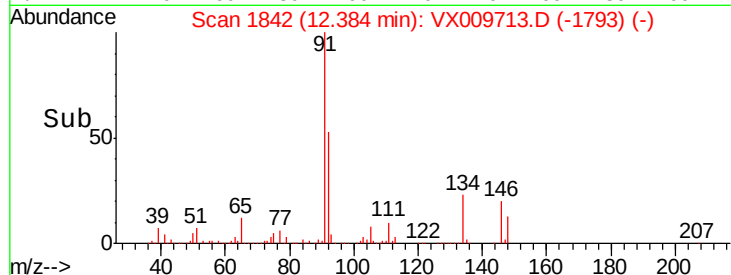


Abundance Ion 91.00 (90.70 to 91.70): VX009713.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX009713.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX009713.D (-1793) (-)

Time--> 12.30 12.40

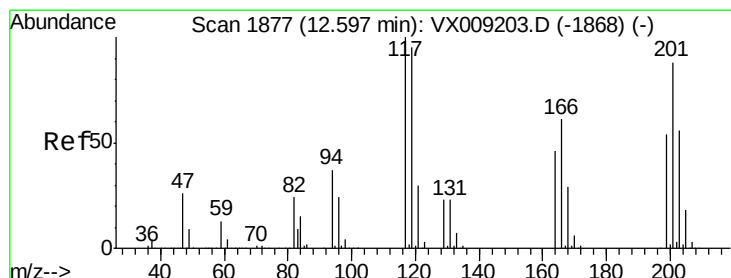


Abundance Ion 91.00 (90.70 to 91.70): VX009713.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX009713.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX009713.D (-1793) (-)

Time--> 12.30 12.40



#90

Hexachloroethane

Concen: 51.416 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009713.D

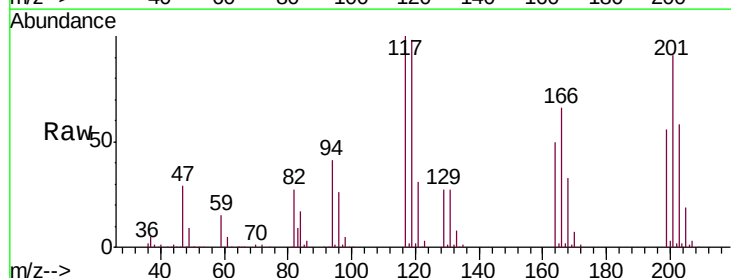
Acq: 18 May 2019 12:30

Tgt Ion: 117 Resp: 54617

Ion Ratio Lower Upper

117 100

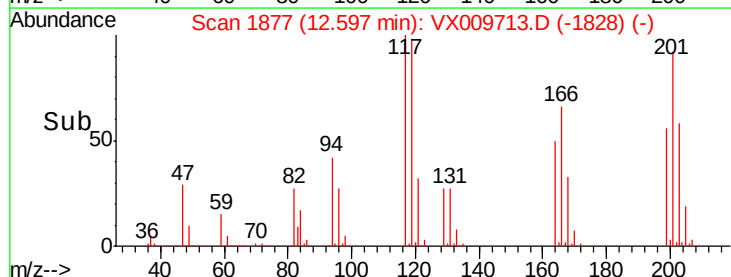
201 88.2 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): VX009713.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX009713.D (-1828) (-)

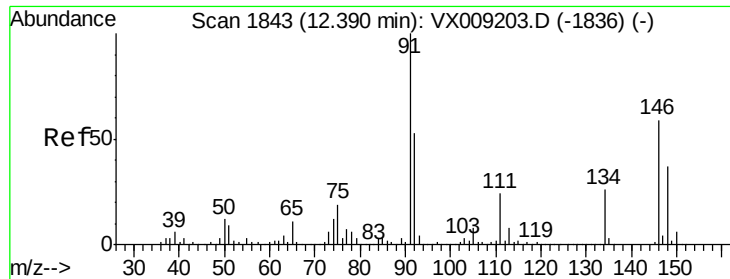
Time--> 12.55 12.65



Abundance Ion 116.80 (116.50 to 117.50): VX009713.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX009713.D (-1828) (-)

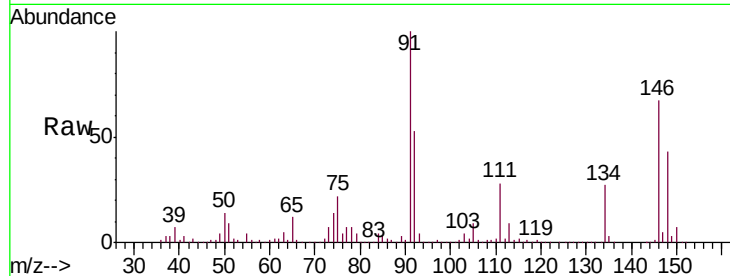
Time--> 12.55 12.65



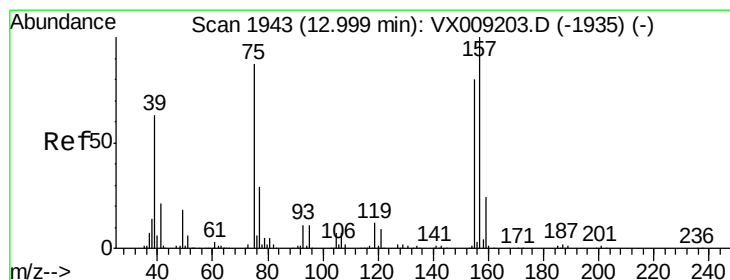
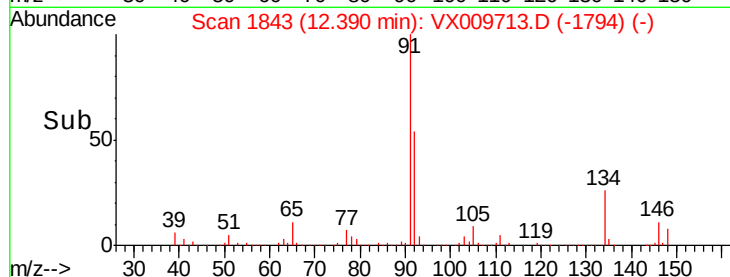
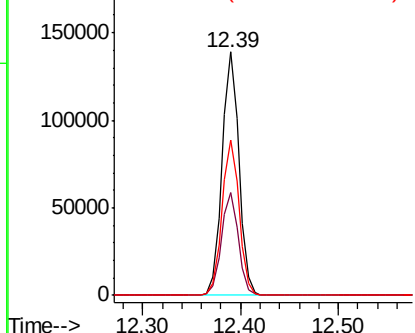
#91
 1,2-Dichlorobenzene
 Concen: 51.646 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 166234
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.4
 148 64.5 31.9 95.9

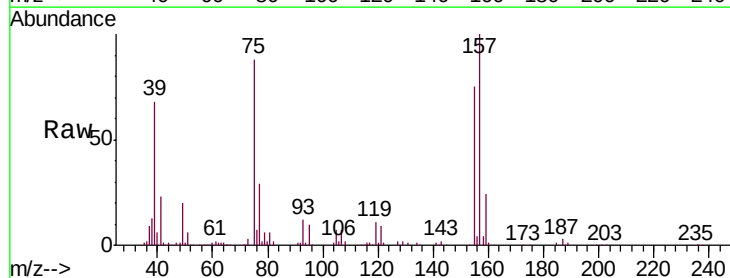


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

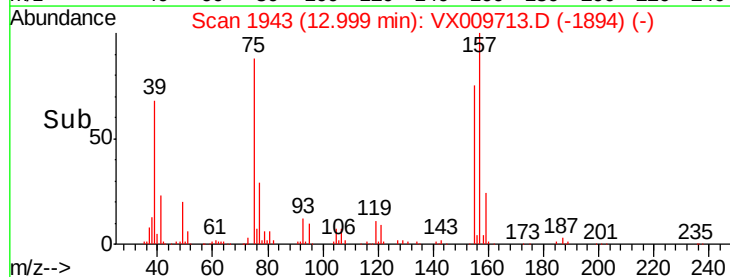
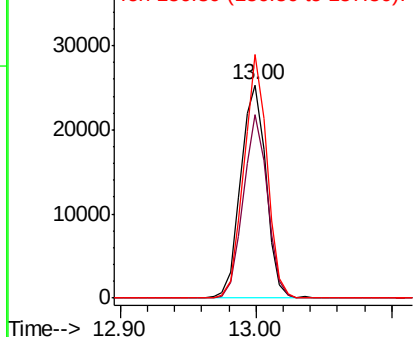


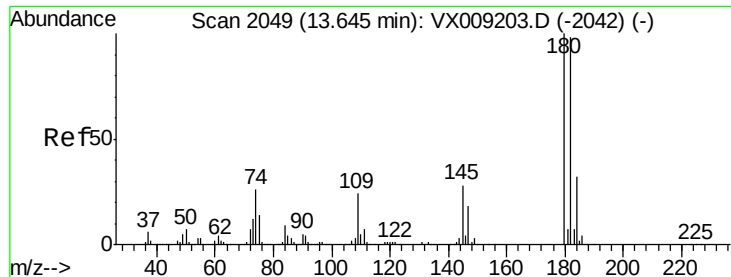
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.016 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion: 75 Resp: 32859
 Ion Ratio Lower Upper
 75 100
 155 82.2 42.0 126.0
 157 104.5 53.2 159.6



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

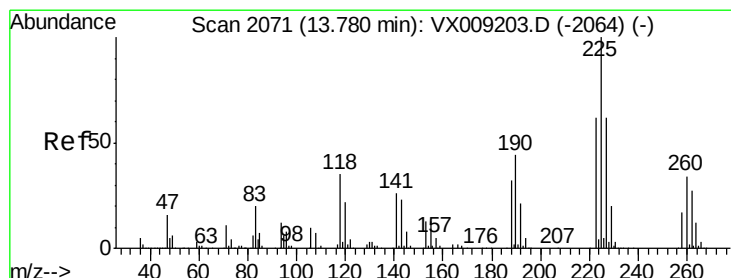
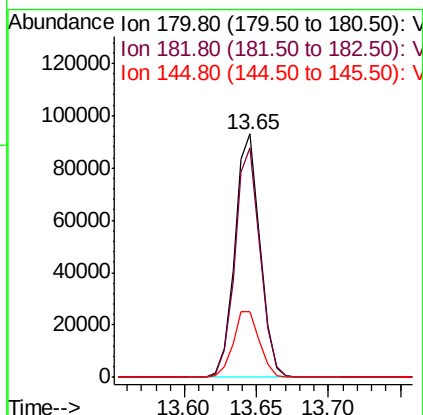
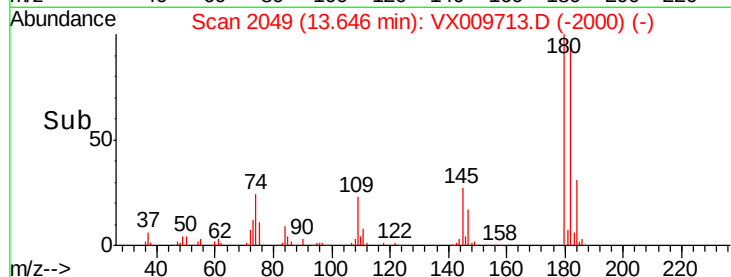
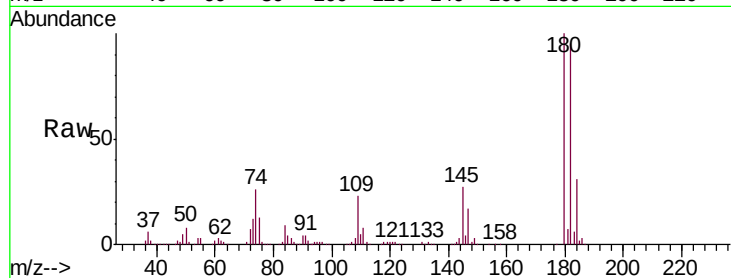




#93
 1,2,4-Trichlorobenzene
 Concen: 51.503 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

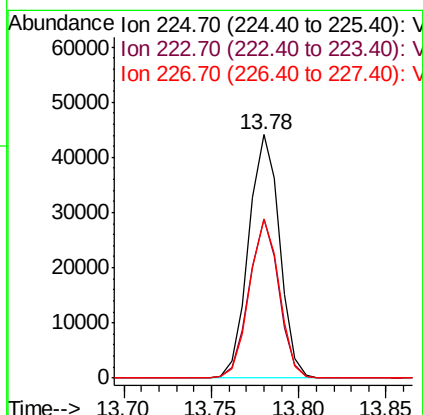
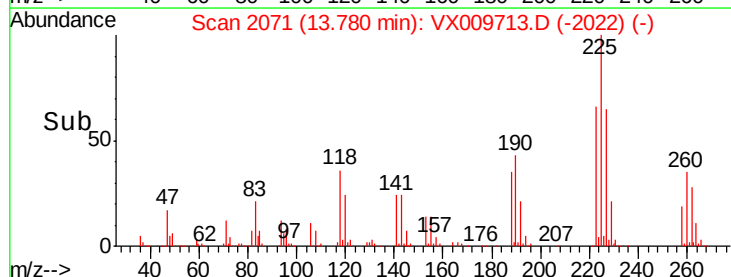
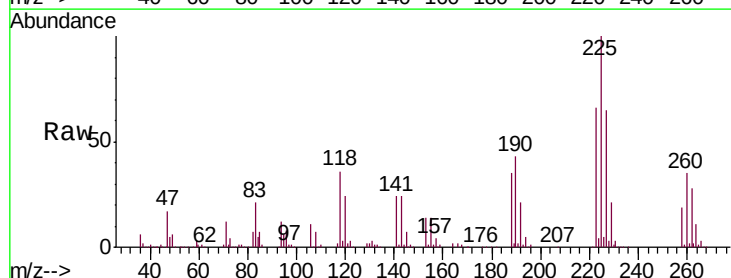
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

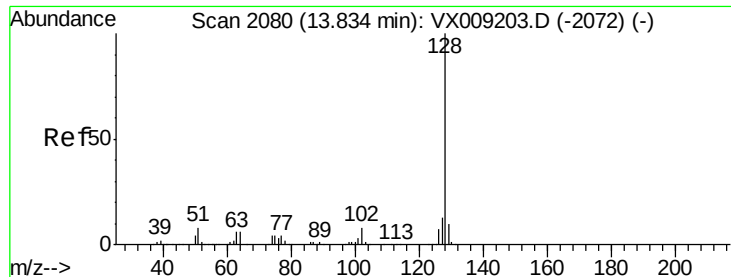
Tgt Ion:180 Resp: 113363
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.4 145.2
 145 28.6 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 48.534 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009713.D
 Acq: 18 May 2019 12:30

Tgt Ion:225 Resp: 54553
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 62.8 31.8 95.3

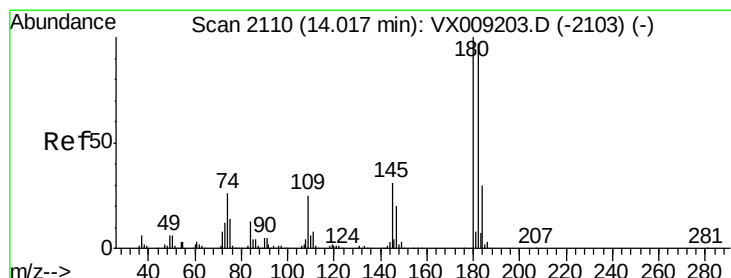
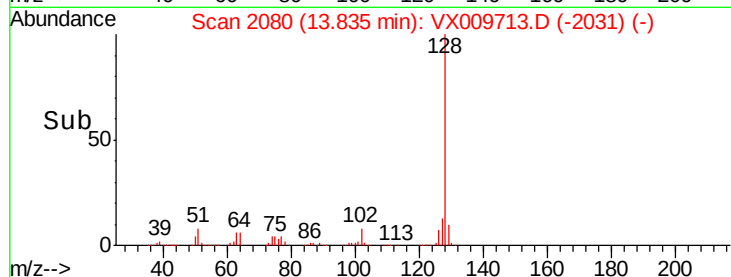
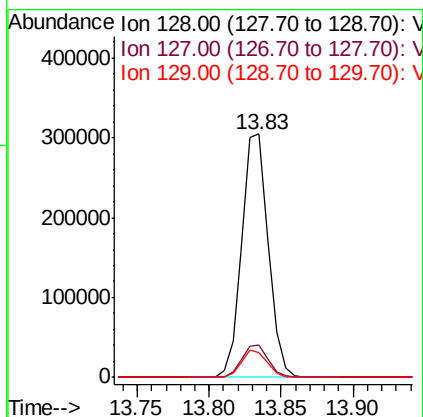
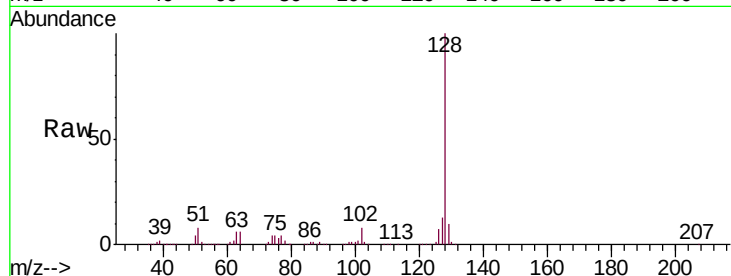




#95
Naphthalene
Concen: 54.180 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.319 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009713.D
Acq: 18 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.4
145	31.2	15.4	46.4

