

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052019\
 Data File : VX009715.D
 Acq On : 20 May 2019 10:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 20 10:49:18 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	166792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	258586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121180	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	94972	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	
35) Dibromofluoromethane	5.49	113	71360	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
50) Toluene-d8	8.71	98	280076	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	
62) 4-Bromofluorobenzene	11.13	95	106744	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	64322	41.849	ug/l	96
3) Chloromethane	1.32	50	98337	46.862	ug/l	99
4) Vinyl Chloride	1.41	62	96569	47.194	ug/l	98
5) Bromomethane	1.64	94	62649	51.010	ug/l	98
6) Chloroethane	1.71	64	60926	46.376	ug/l	100
7) Trichlorofluoromethane	1.92	101	125495	50.454	ug/l	99
8) Diethyl Ether	2.19	74	59324	50.352	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78472	50.240	ug/l	99
10) Methyl Iodide	2.51	142	81831	45.542	ug/l	99
11) Tert butyl alcohol	3.06	59	141195	267.897	ug/l	100
12) 1,1-Dichloroethene	2.37	96	75971	48.544	ug/l	96
13) Acrolein	2.29	56	142204	297.926	ug/l	99
14) Allyl chloride	2.72	41	191185	50.129	ug/l	100
15) Acrylonitrile	3.14	53	344733	267.510	ug/l	99
16) Acetone	2.45	43	343827	281.224	ug/l	98
17) Carbon Disulfide	2.56	76	199015	45.294	ug/l	98
18) Methyl Acetate	2.78	43	153804	52.897	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	317358	52.221	ug/l	100
20) Methylene Chloride	2.85	84	95056	48.018	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	83071	48.945	ug/l	98
22) Diisopropyl ether	3.85	45	381938	52.074	ug/l	100
23) Vinyl Acetate	3.81	43	1710353	272.320	ug/l	100
24) 1,1-Dichloroethane	3.70	63	181424	50.142	ug/l	99
25) 2-Butanone	4.67	43	540154	284.306	ug/l	99
26) 2,2-Dichloropropane	4.58	77	142854	53.043	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	101360	50.033	ug/l	99
28) Bromochloromethane	5.01	49	63129	42.957	ug/l	99
29) Tetrahydrofuran	5.13	42	336683	275.388	ug/l	99
30) Chloroform	5.21	83	168438	51.471	ug/l	99
31) Cyclohexane	5.57	56	166493	49.459	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	139688	51.277	ug/l	100
36) 1,1-Dichloropropene	5.79	75	126994	52.846	ug/l	99
37) Ethyl Acetate	4.84	43	190896	57.015	ug/l	99
38) Carbon Tetrachloride	5.78	117	117308	53.729	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157565	53.390	ug/l	99
40) Benzene	6.14	78	386065	51.911	ug/l	100
41) Methacrylonitrile	5.04	41	110354	55.369	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144575	54.192	ug/l	98
43) Isopropyl Acetate	6.44	43	307435	57.404	ug/l	99
44) Trichloroethene	7.21	130	93555	52.035	ug/l	97
45) 1,2-Dichloropropane	7.51	63	113648	53.967	ug/l	97
46) Dibromomethane	7.66	93	64275	52.559	ug/l	99
47) Bromodichloromethane	7.90	83	133342	54.662	ug/l	99
48) Methyl methacrylate	7.77	41	154392	58.107	ug/l	99
49) 1,4-Dioxane	7.74	88	53088	985.216	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1031336	294.622	ug/l	99
52) Toluene	8.78	92	239936	53.074	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	159792	58.020	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	170714	56.002	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99864	54.145	ug/l	97
56) Ethyl methacrylate	9.18	69	188092	57.131	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175566	54.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	328068	187.838	ug/l	100
59) 2-Hexanone	9.49	43	807419	293.683	ug/l	99
60) Dibromochloromethane	9.58	129	101884	56.559	ug/l	98
61) 1,2-Dibromoethane	9.67	107	101577	54.560	ug/l	100
64) Tetrachloroethene	9.34	164	86205	52.956	ug/l	99
65) Chlorobenzene	10.13	112	254189	53.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94489	54.900	ug/l	99
67) Ethyl Benzene	10.25	91	469816	53.774	ug/l	99
68) m/p-Xylenes	10.36	106	344792	107.993	ug/l	98
69) o-Xylene	10.69	106	167959	53.318	ug/l	99
70) Styrene	10.71	104	298907	54.594	ug/l	99
71) Bromoform	10.85	173	81280	58.113	ug/l	100
73) Isopropylbenzene	11.02	105	463243	52.569	ug/l	99
74) N-amyl acetate	10.90	43	277363	53.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	171303	52.147	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	209142	74.403	ug/l	81
77) Bromobenzene	11.26	156	113685	51.978	ug/l	99
78) n-propylbenzene	11.36	91	537852	53.444	ug/l	99
79) 2-Chlorotoluene	11.42	91	317649	51.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	390609	52.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62374	56.776	ug/l	100
82) 4-Chlorotoluene	11.51	91	366131	52.198	ug/l	100
83) tert-Butylbenzene	11.77	119	380083	52.658	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	394022	52.906	ug/l	99
85) sec-Butylbenzene	11.94	105	457248	53.433	ug/l	100
86) p-Isopropyltoluene	12.06	119	417524	54.273	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206196	52.883	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	204255	51.960	ug/l	99
89) n-Butylbenzene	12.38	91	392981	56.518	ug/l	100
90) Hexachloroethane	12.60	117	72224	55.106	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204148	51.405	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39622	53.767	ug/l	99

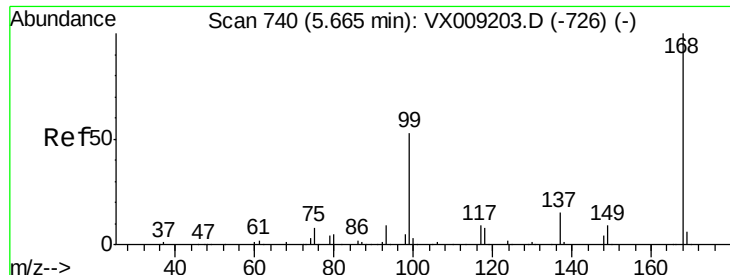
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148151	54.552	ug/l	99
94) Hexachlorobutadiene	13.78	225	78681	56.734	ug/l	99
95) Naphthalene	13.83	128	470967	53.304	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	149332	54.246	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

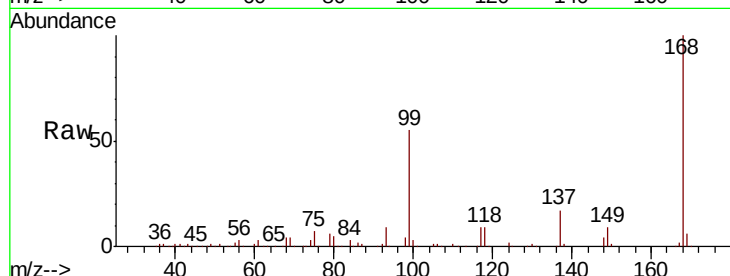
VSTDCCC050

Tgt Ion:168 Resp: 166792

Ion Ratio Lower Upper

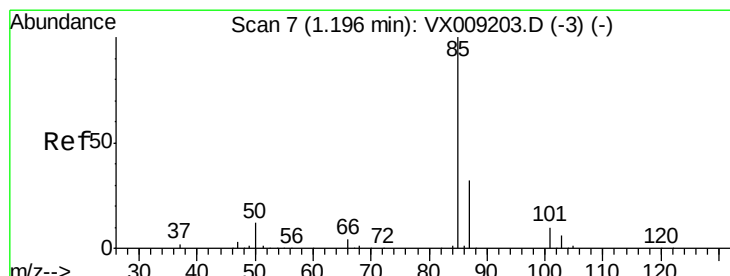
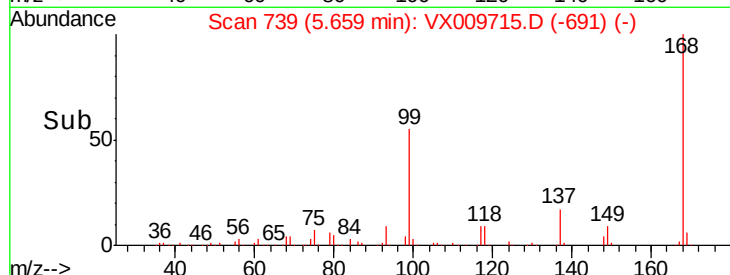
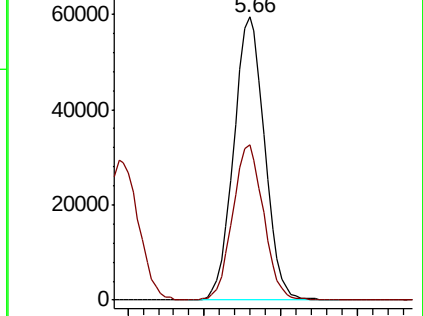
168 100

99 54.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.849 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009715.D

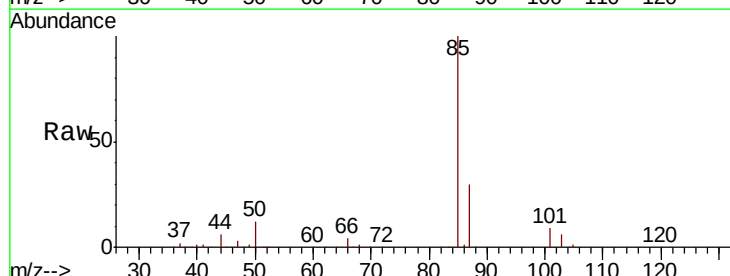
Acq: 20 May 2019 10:28

Tgt Ion: 85 Resp: 64322

Ion Ratio Lower Upper

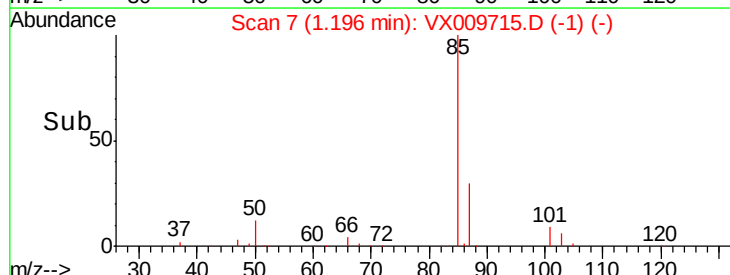
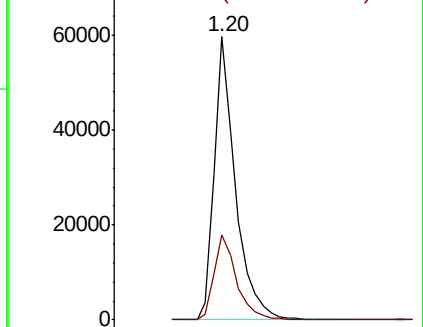
85 100

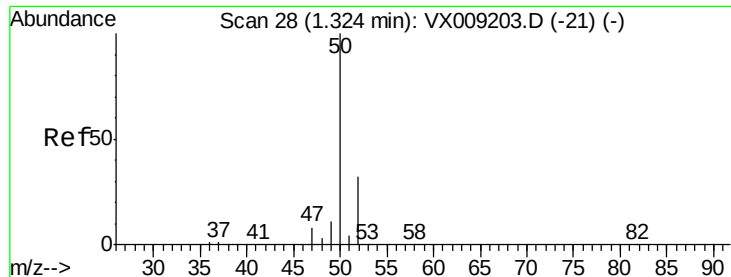
87 30.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.862 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

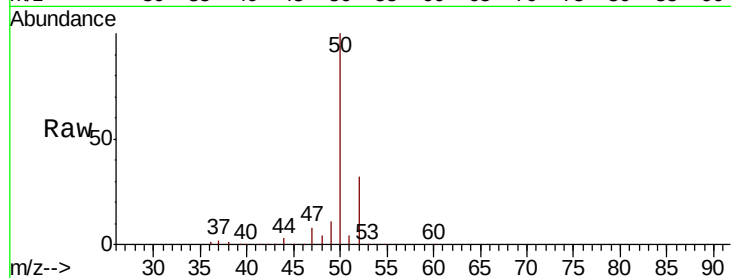
VSTDCCC050

Tgt Ion: 50 Resp: 98337

Ion Ratio Lower Upper

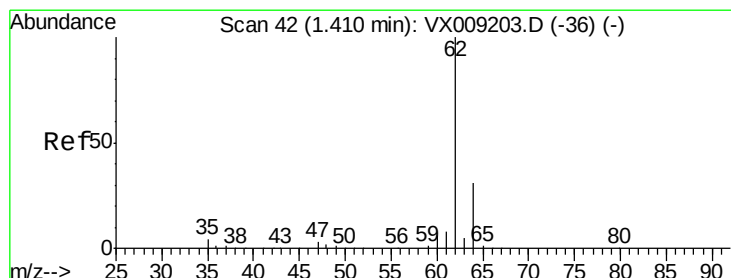
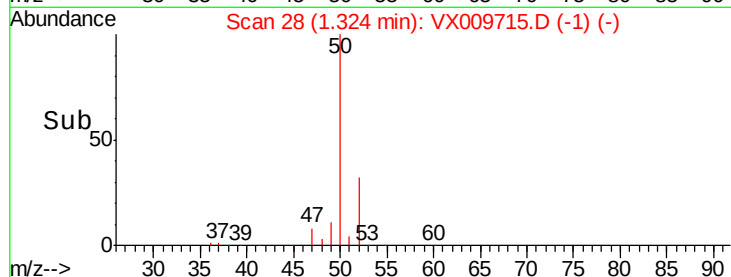
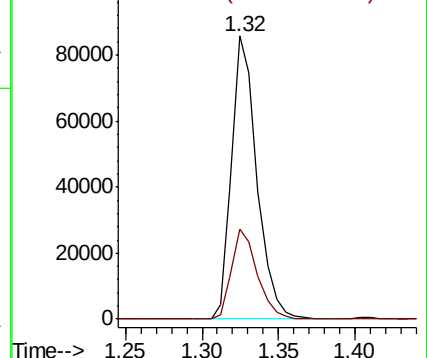
50 100

52 31.7 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: 47.194 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009715.D

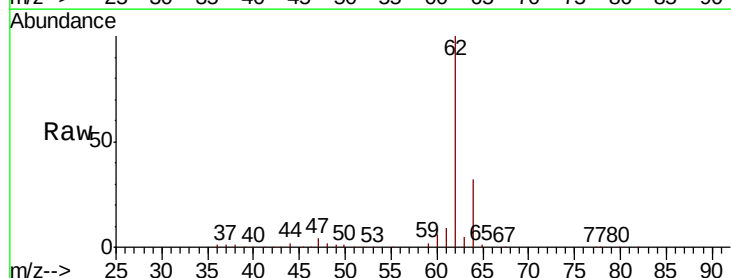
Acq: 20 May 2019 10:28

Tgt Ion: 62 Resp: 96569

Ion Ratio Lower Upper

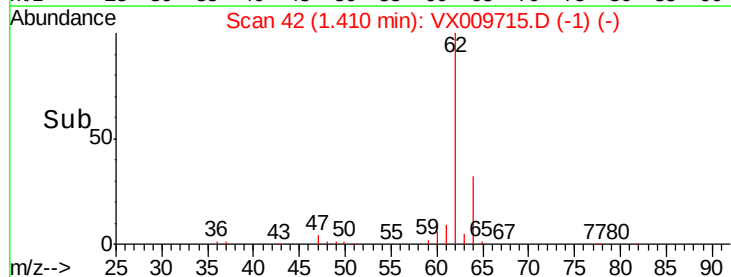
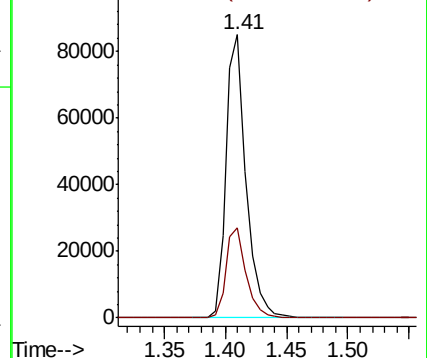
62 100

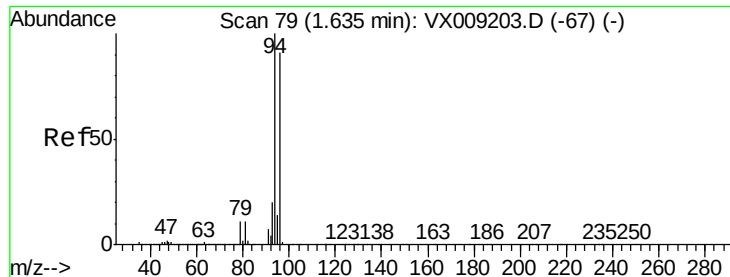
64 31.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.010 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

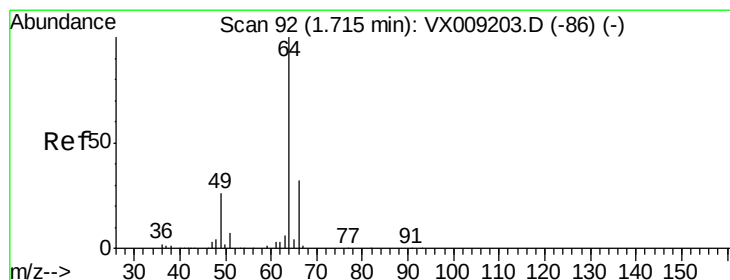
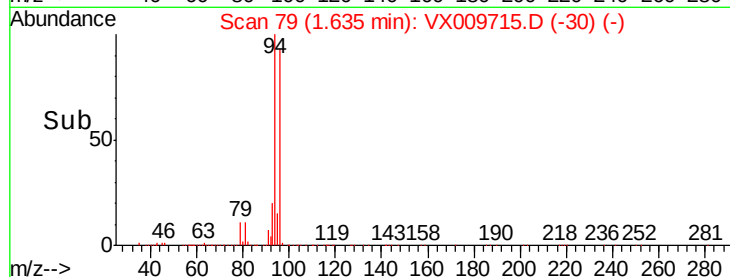
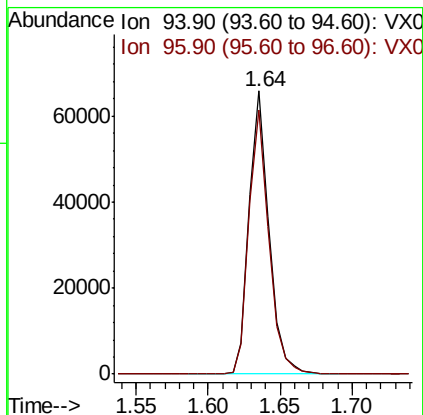
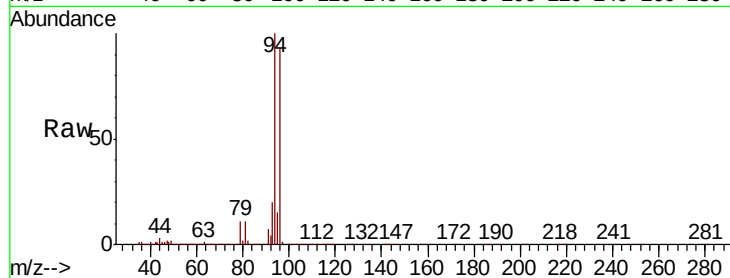
VSTDCCC050

Tgt Ion: 94 Resp: 62649

Ion Ratio Lower Upper

94 100

96 93.2 73.0 109.6



#6

Chloroethane

Concen: 46.376 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009715.D

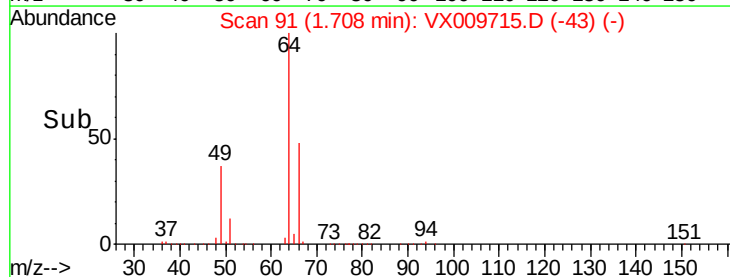
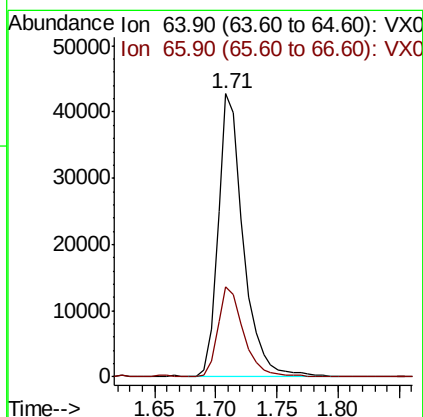
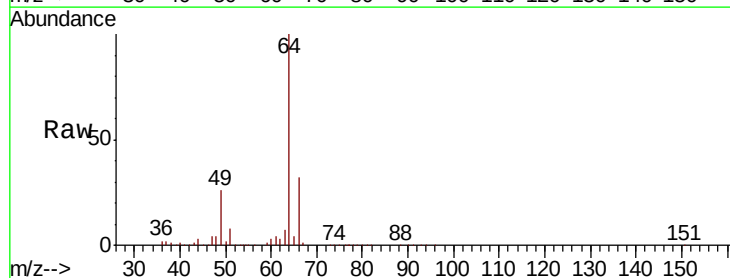
Acq: 20 May 2019 10:28

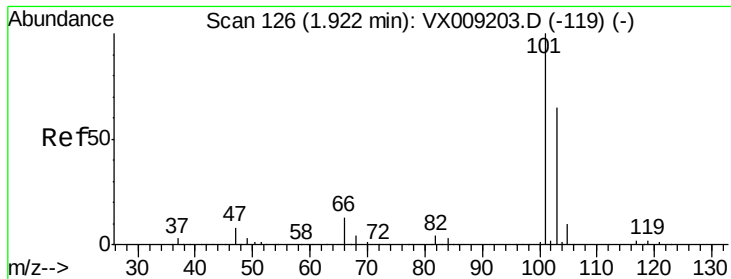
Tgt Ion: 64 Resp: 60926

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9



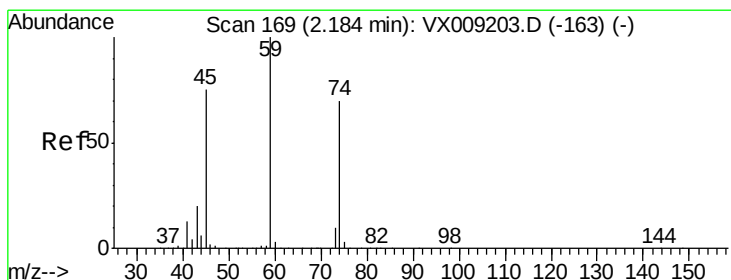
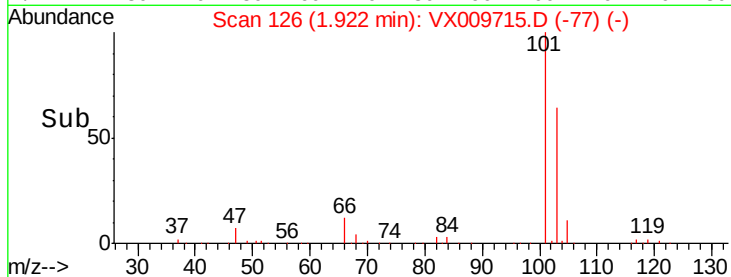
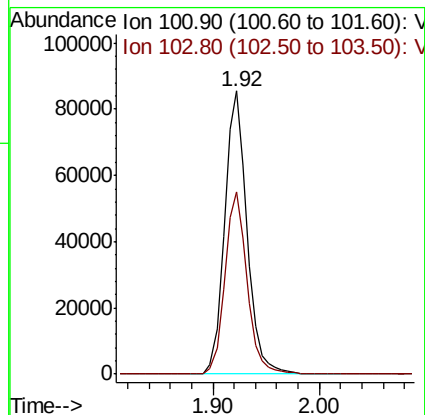
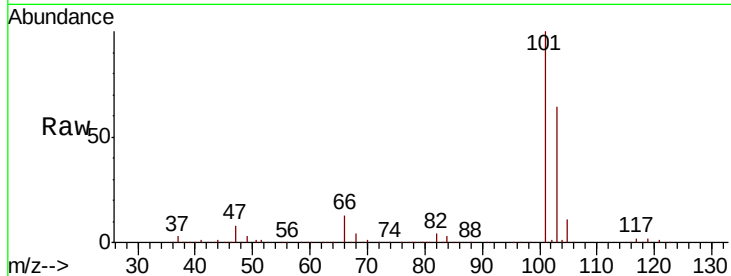


#7

Trichlorofluoromethane
 Concen: 50.454 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Instrument :
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 ClientSampleId :
 VSTDCCC050

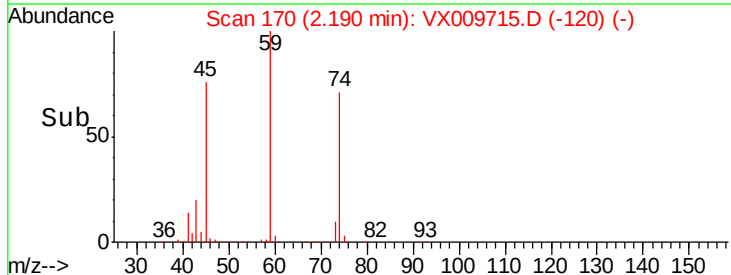
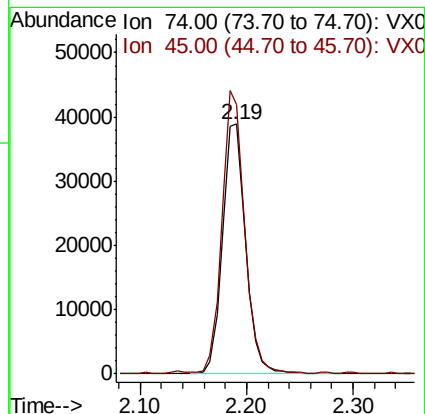
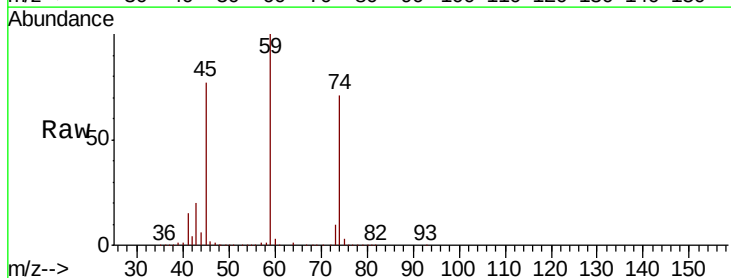
Tgt Ion: 101 Resp: 125495
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.4 78.6

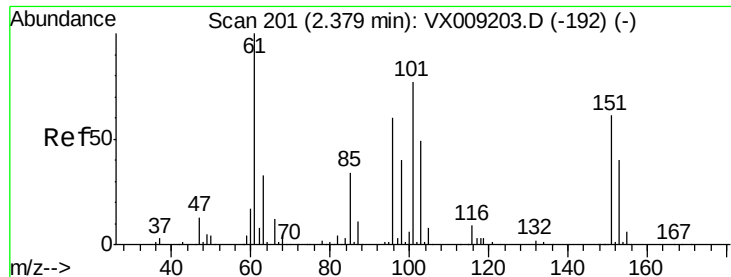


#8

Diethyl Ether
 Concen: 50.352 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion: 74 Resp: 59324
 Ion Ratio Lower Upper
 74 100
 45 108.9 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.240 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

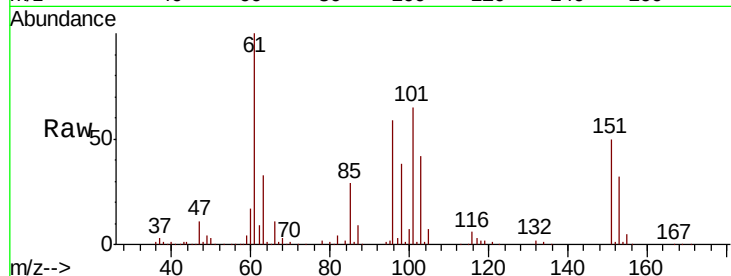
Tgt Ion:101 Resp: 78472

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

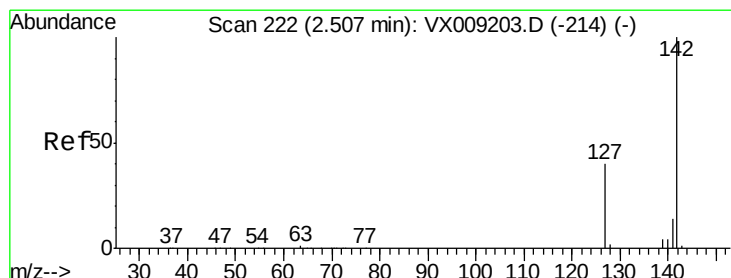
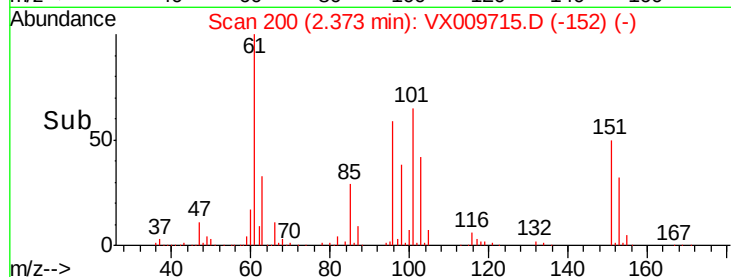
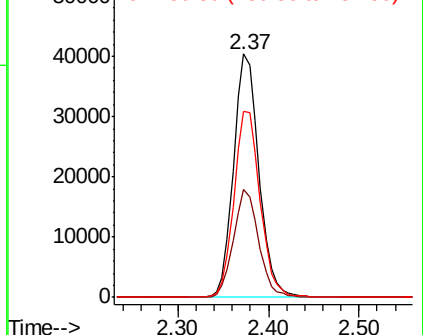
151 78.7 62.2 93.2



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: 45.542 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

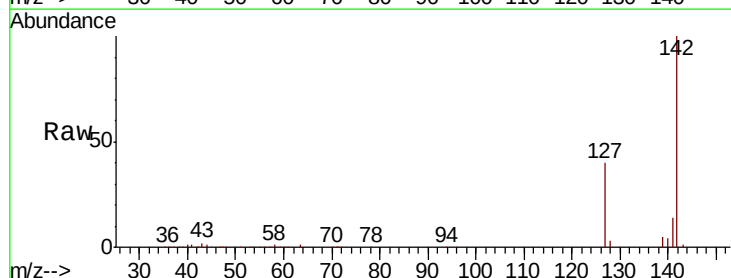
Tgt Ion:142 Resp: 81831

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

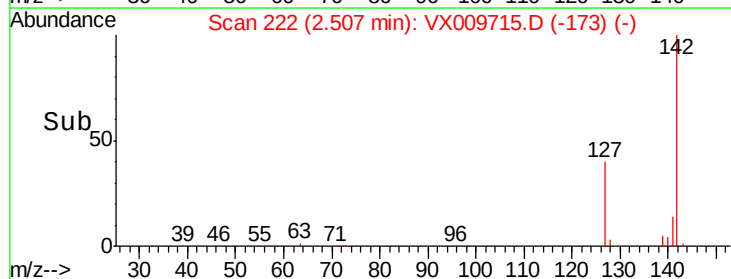
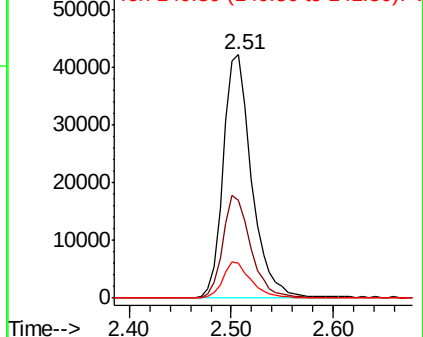
141 14.5 11.5 17.3

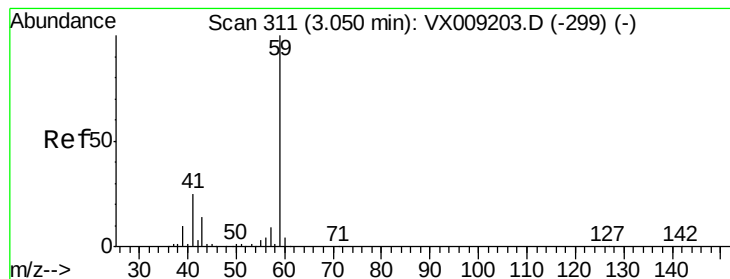


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



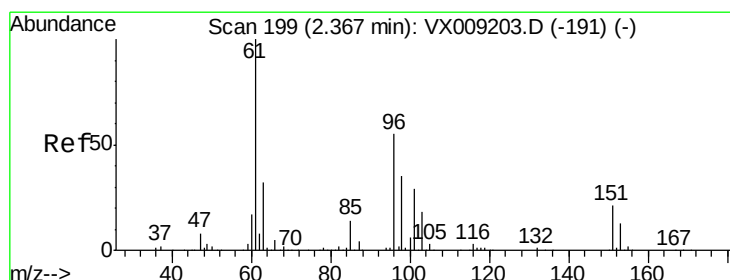
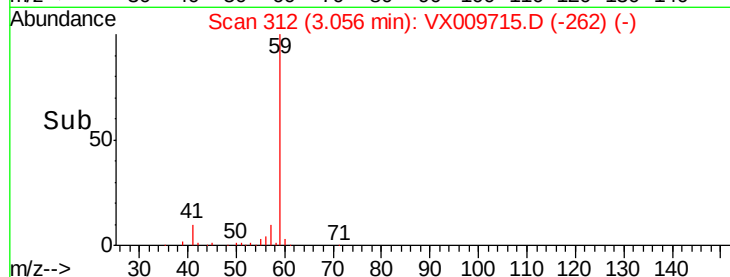
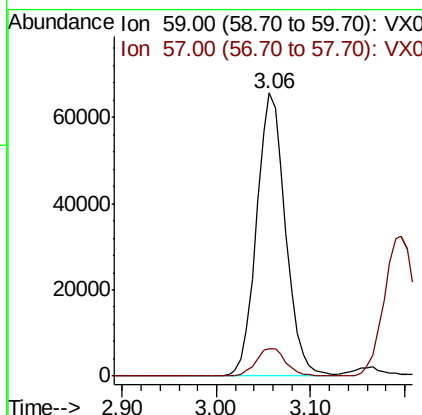
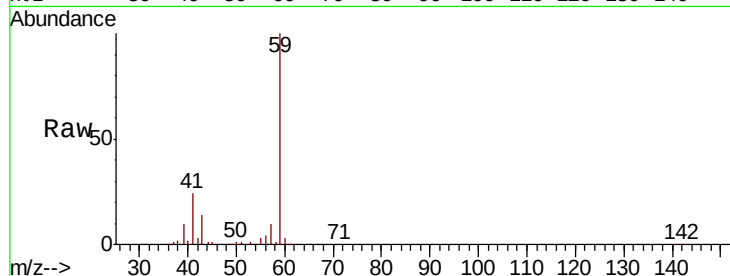


#11

Tert butyl alcohol
 Concen: 267.897 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

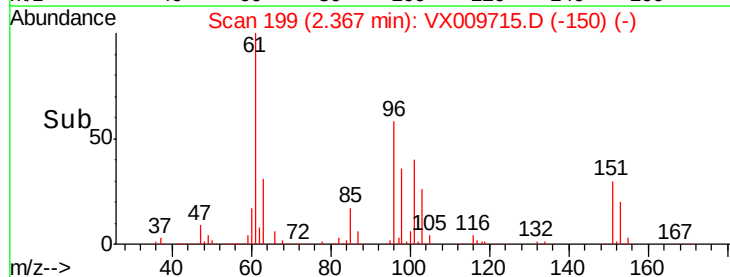
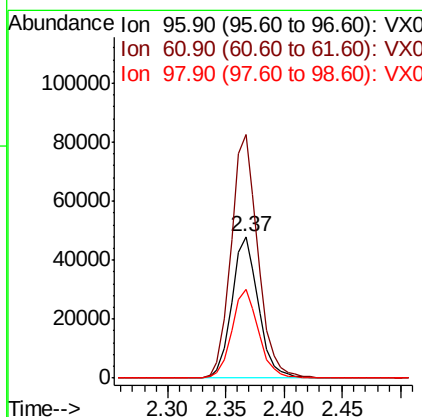
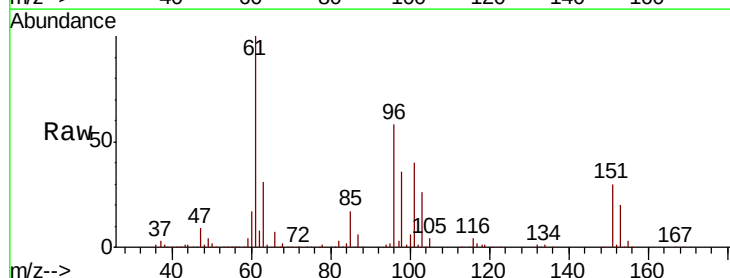
Tgt Ion: 59 Resp: 141195
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

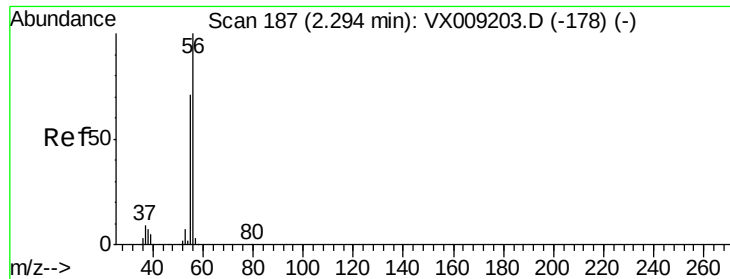


#12

1,1-Dichloroethene
 Concen: 48.544 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion: 96 Resp: 75971
 Ion Ratio Lower Upper
 96 100
 61 172.4 144.3 216.5
 98 62.9 50.3 75.5





#13

Acrolein

Concen: 297.926 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

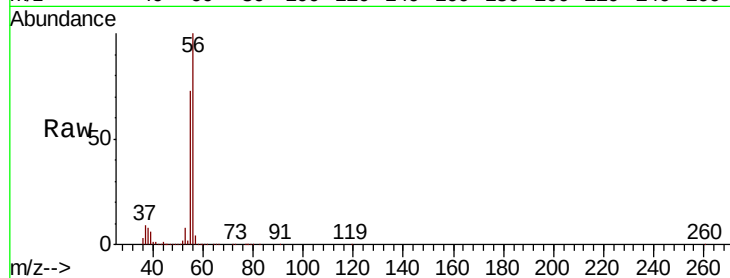
VSTDCCC050

Tgt Ion: 56 Resp: 142204

Ion Ratio Lower Upper

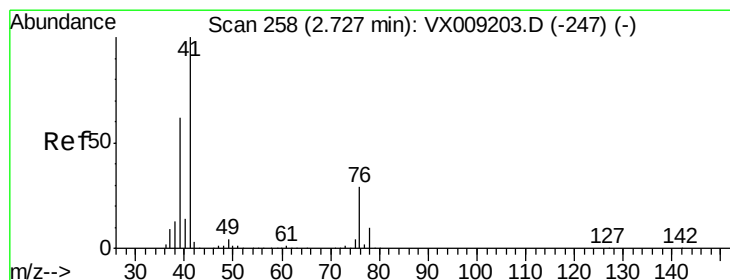
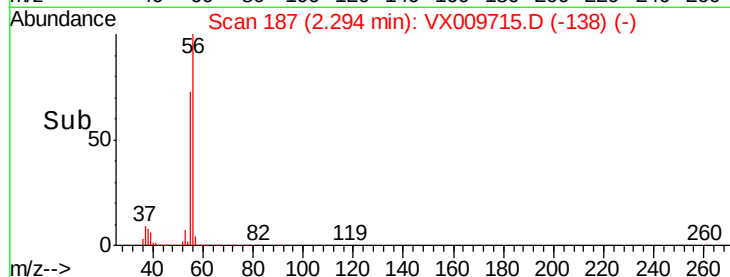
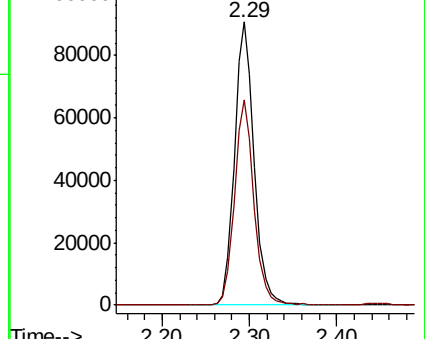
56 100

55 71.6 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: 50.129 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

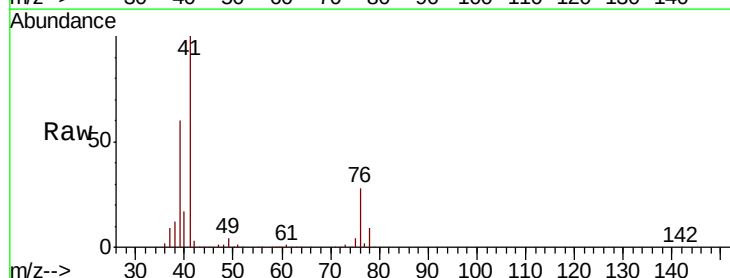
Tgt Ion: 41 Resp: 191185

Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

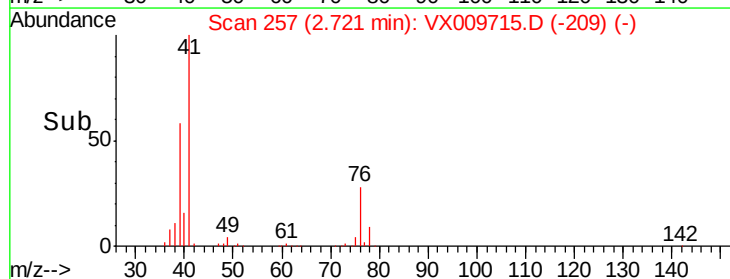
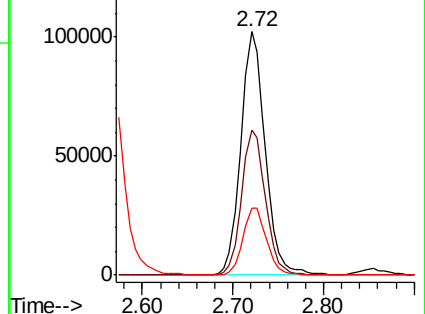
76 26.8 21.8 32.8

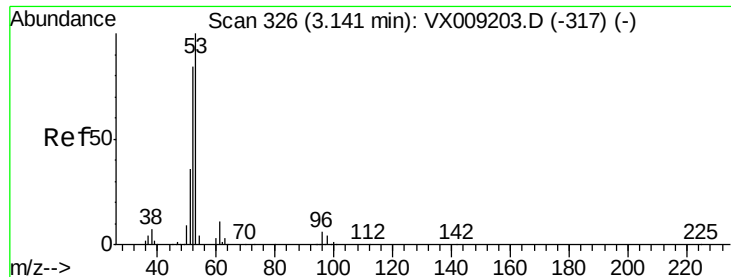


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 267.510 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

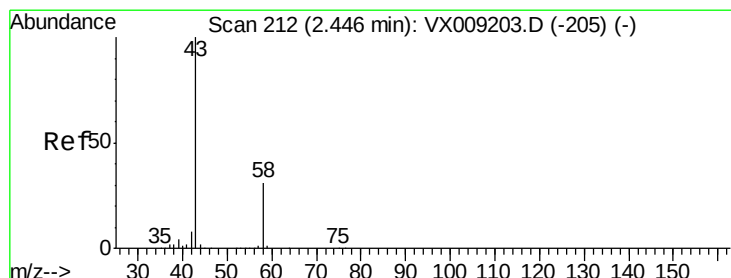
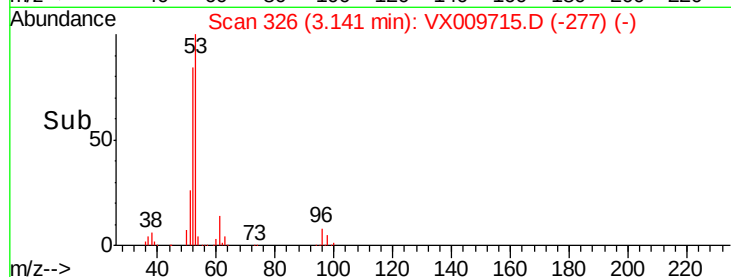
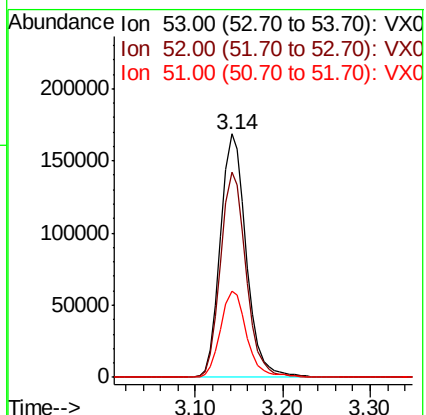
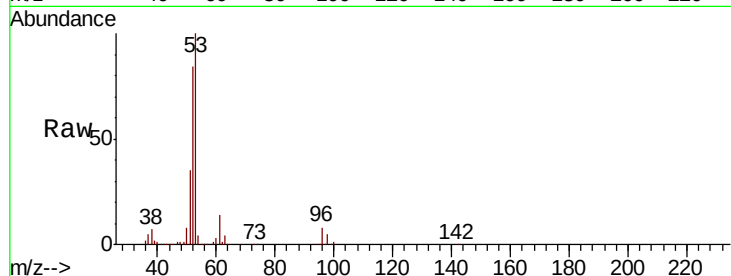
Tgt Ion: 53 Resp: 344733

Ion Ratio Lower Upper

53 100

52 83.4 66.9 100.3

51 36.1 28.2 42.2



#16

Acetone

Concen: 281.224 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009715.D

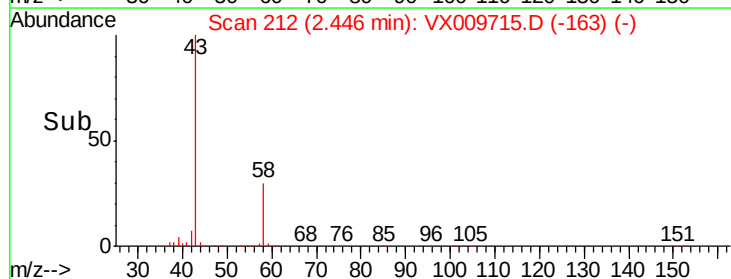
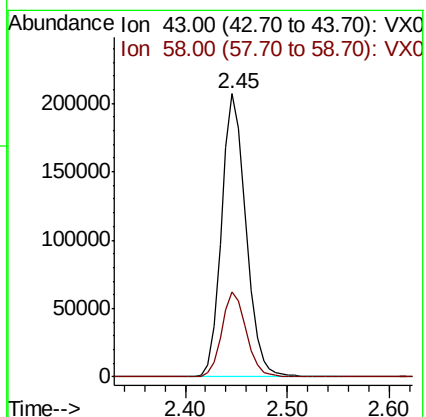
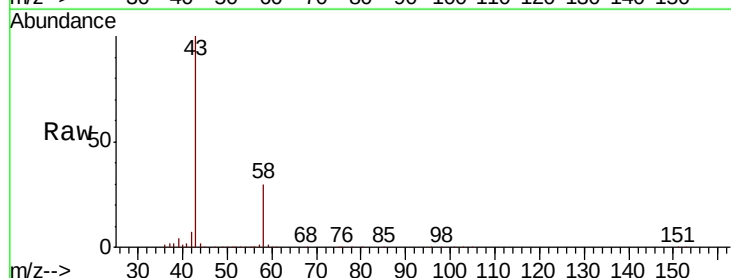
Acq: 20 May 2019 10:28

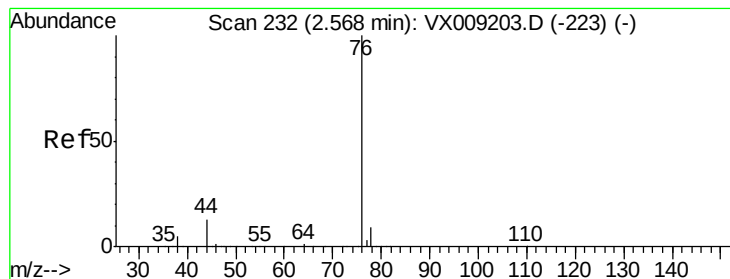
Tgt Ion: 43 Resp: 343827

Ion Ratio Lower Upper

43 100

58 30.1 24.9 37.3





#17

Carbon Disulfide

Concen: 45.294 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

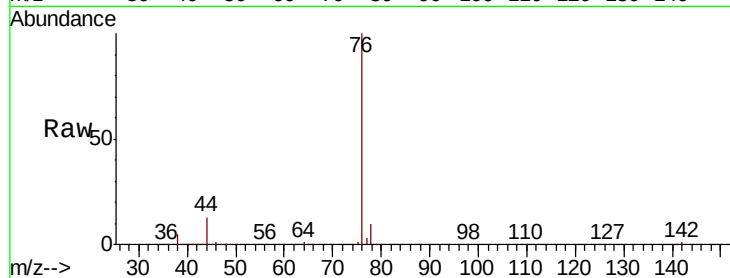
VSTDCCC050

Tgt Ion: 76 Resp: 199015

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

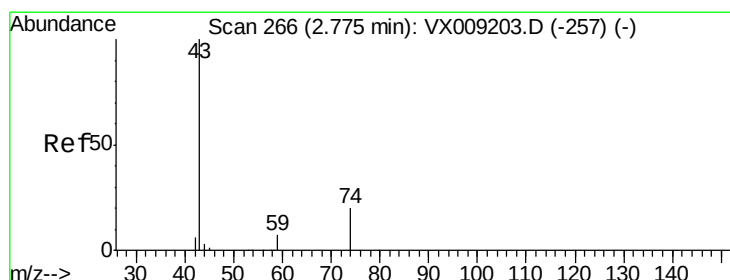
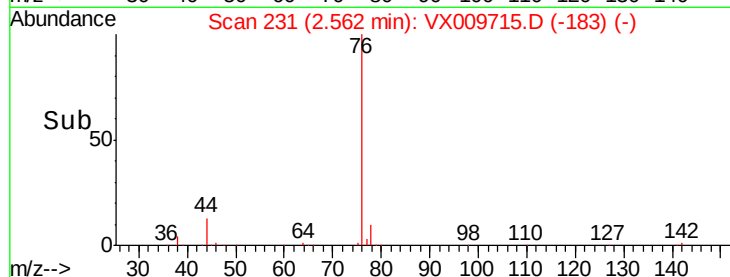
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 52.897 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009715.D

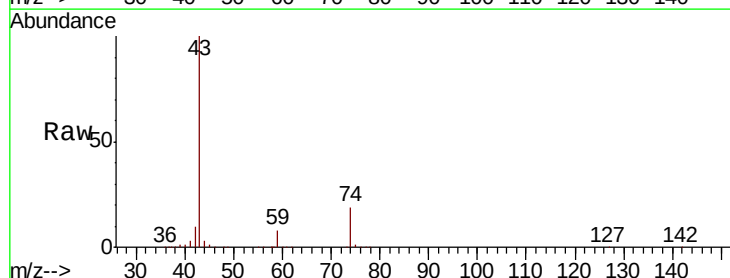
Acq: 20 May 2019 10:28

Tgt Ion: 43 Resp: 153804

Ion Ratio Lower Upper

43 100

74 19.8 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

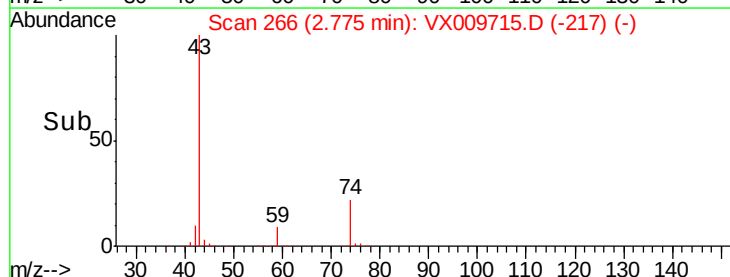
40000

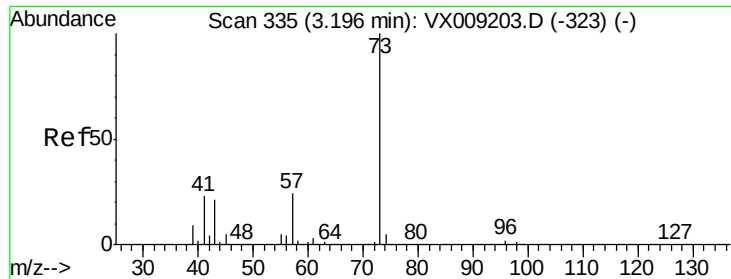
20000

0

Time-->

2.70 2.75 2.80 2.85

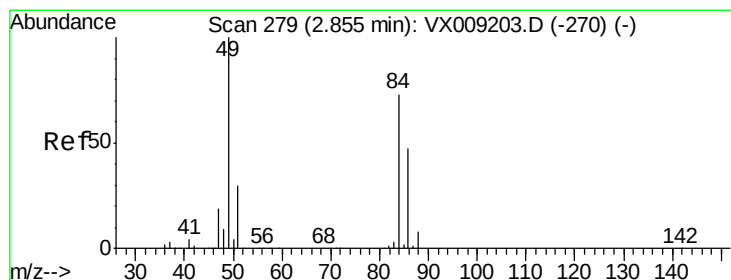
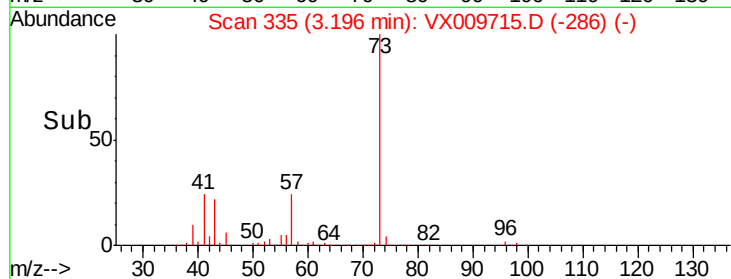
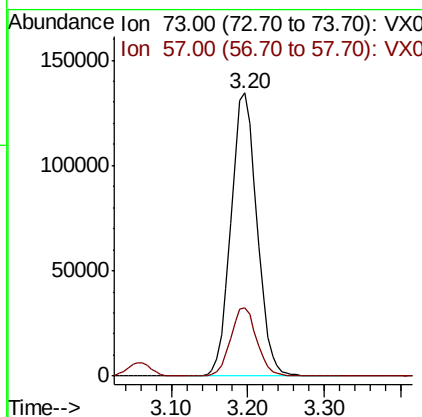
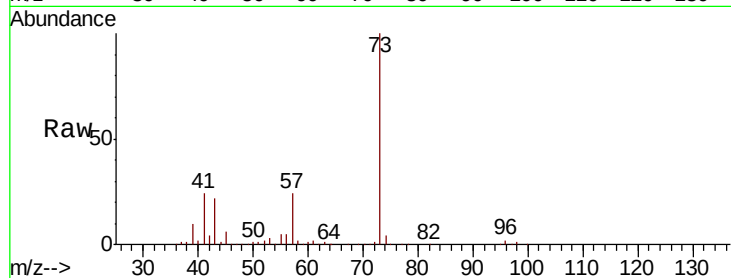




#19
Methyl tert-butyl Ether
Concen: 52.221 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

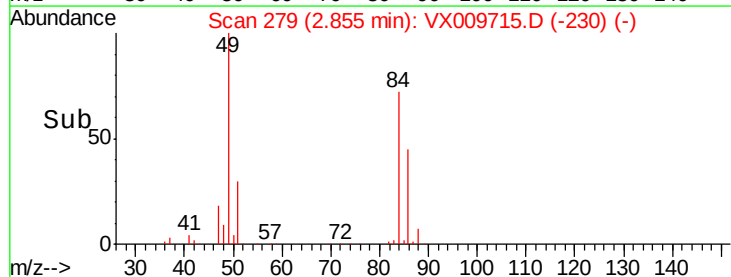
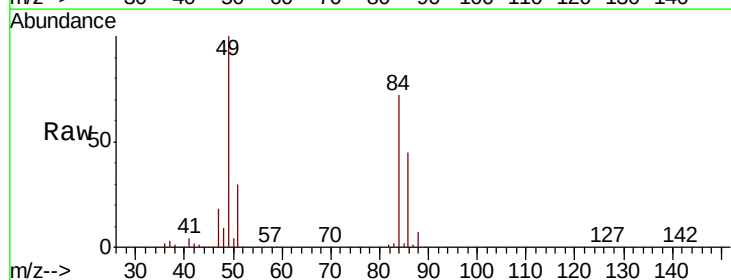
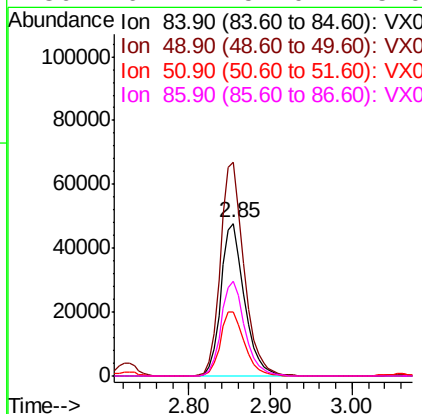
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

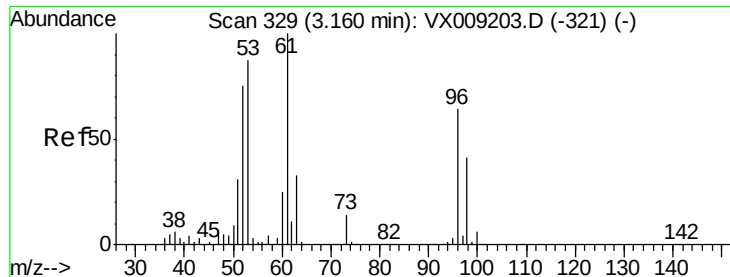
Tgt Ion: 73 Resp: 317358
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 48.018 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion: 84 Resp: 95056
Ion Ratio Lower Upper
84 100
49 139.7 109.9 164.9
51 41.9 32.7 49.1
86 62.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.945 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

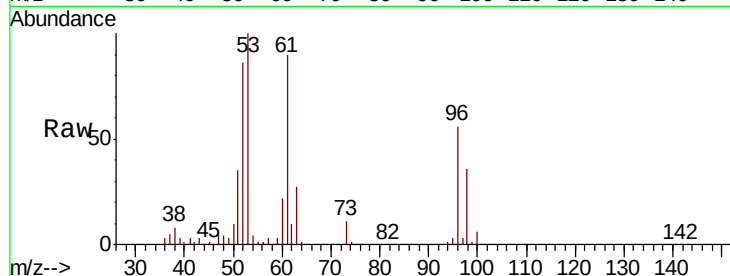
Tgt Ion: 96 Resp: 83071

Ion Ratio Lower Upper

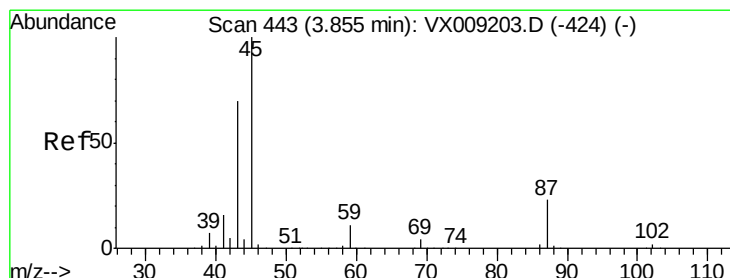
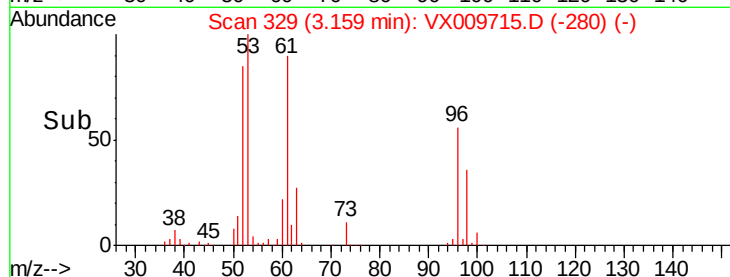
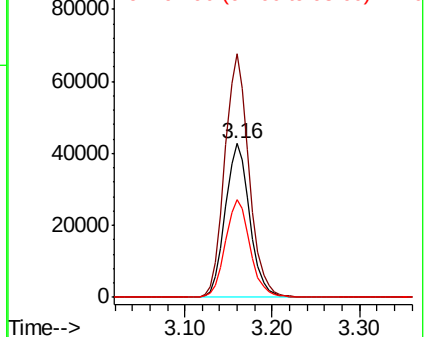
96 100

61 158.3 124.5 186.7

98 64.0 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: 52.074 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Tgt Ion: 45 Resp: 381938

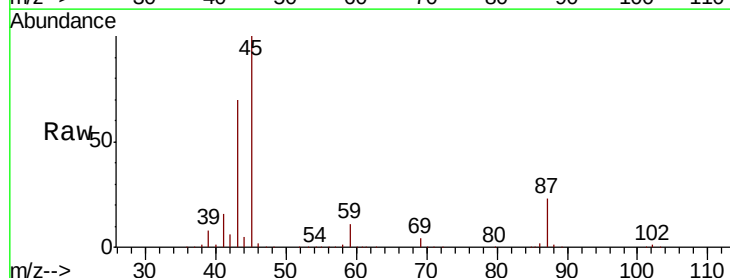
Ion Ratio Lower Upper

45 100

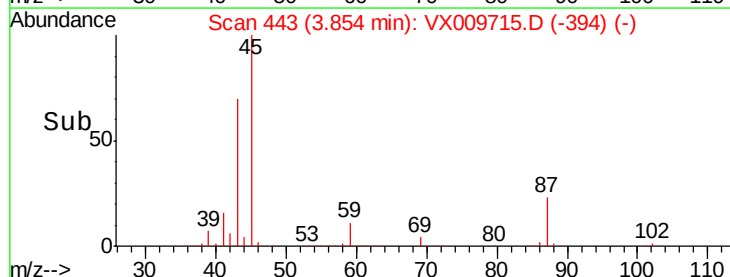
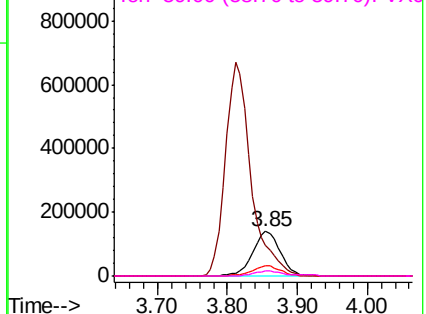
43 69.9 56.1 84.1

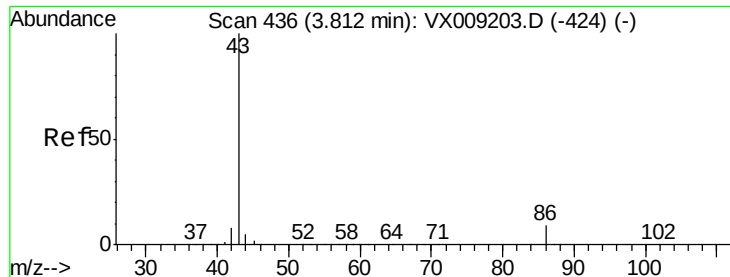
87 22.9 18.1 27.1

59 10.6 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: 272.320 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

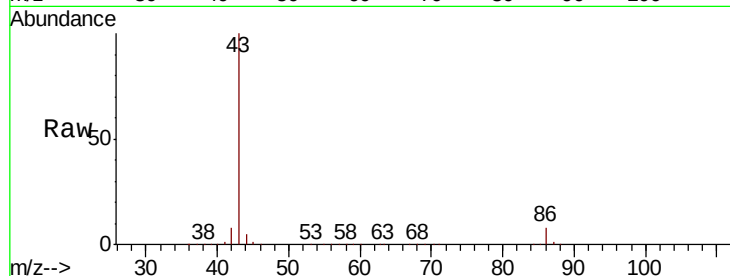
VSTDCCC050

Tgt Ion: 43 Resp: 1710353

Ion Ratio Lower Upper

43 100

86 8.5 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

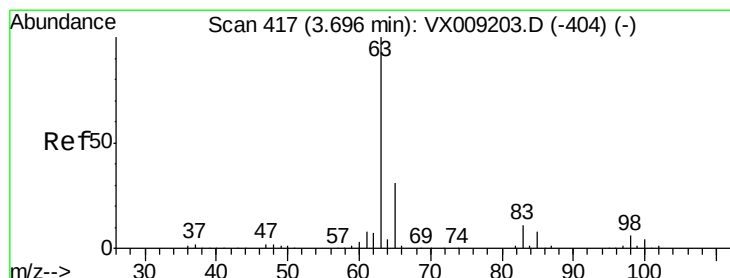
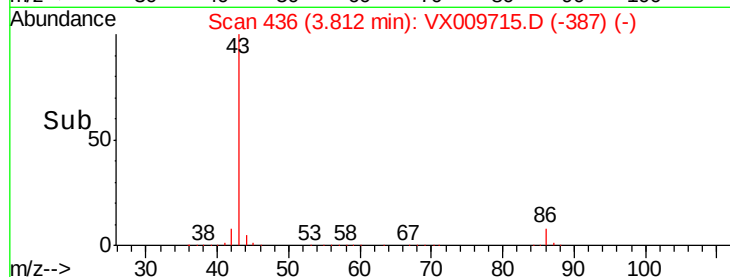
400000

200000

0

Time-->

3.60 3.80 4.00 4.20



#24

1,1-Dichloroethane

Concen: 50.142 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

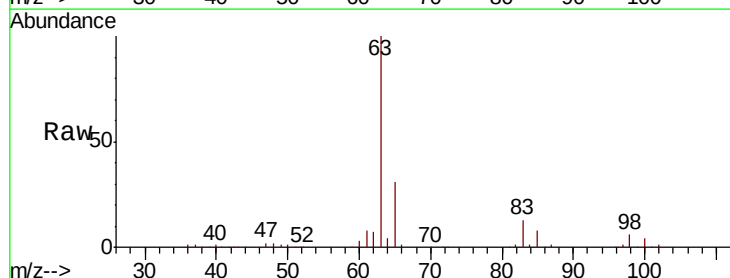
Tgt Ion: 63 Resp: 181424

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 3.7 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

3.70

100000

80000

60000

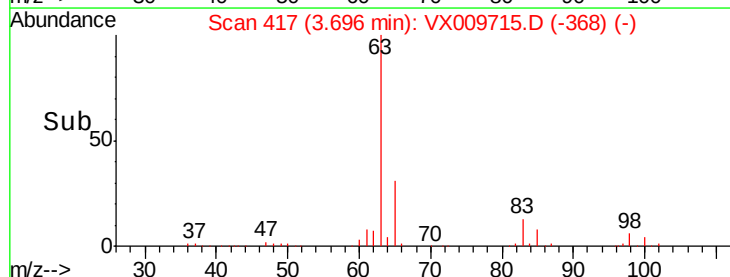
40000

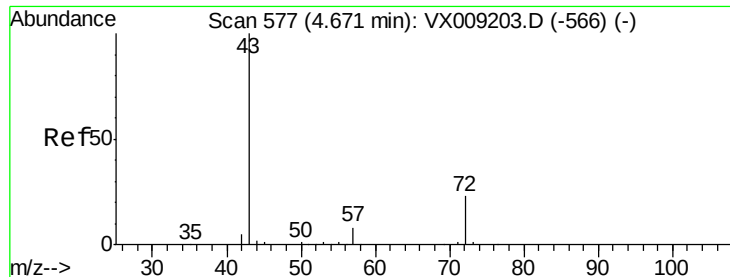
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 284.306 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

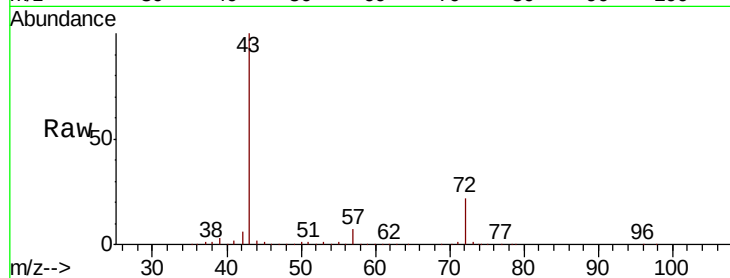
VSTDCCC050

Tgt Ion: 43 Resp: 540154

Ion Ratio Lower Upper

43 100

72 22.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

150000

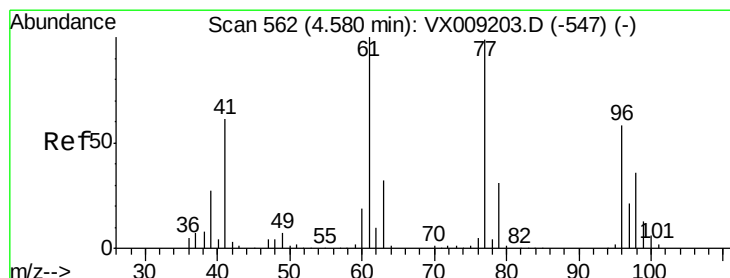
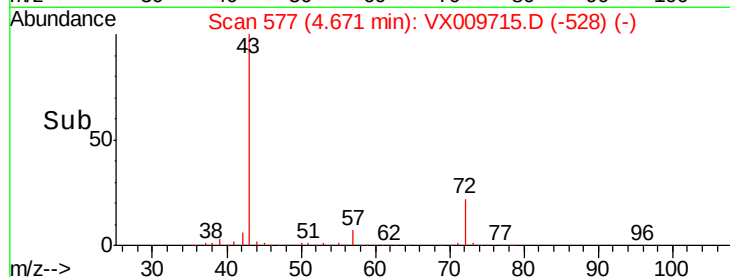
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 53.043 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009715.D

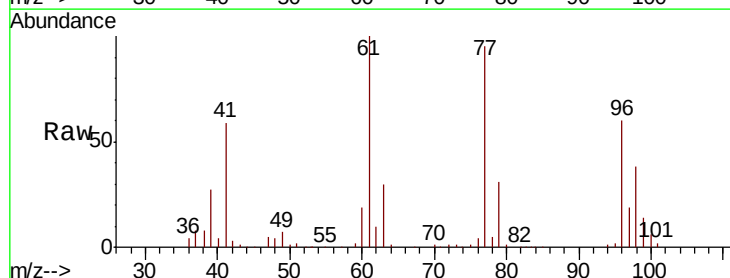
Acq: 20 May 2019 10:28

Tgt Ion: 77 Resp: 142854

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

30000

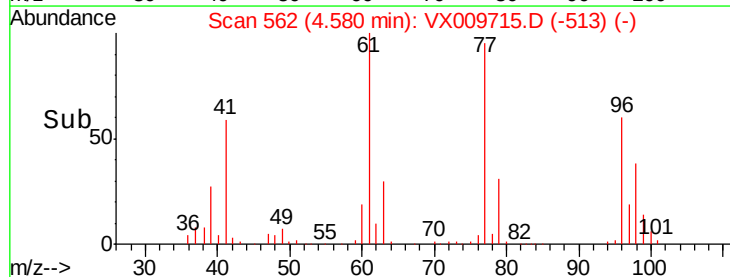
20000

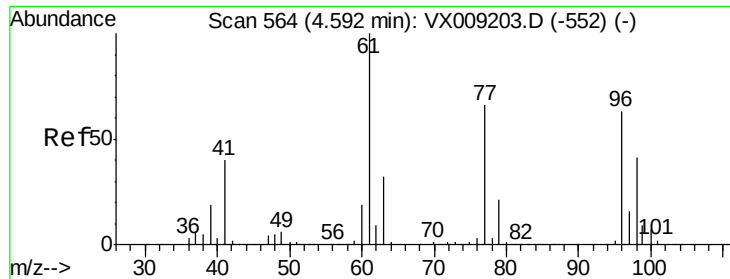
10000

0

4.40 4.50 4.60 4.70

Time-->



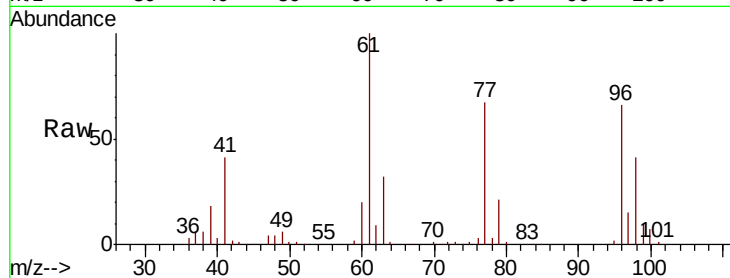


#27

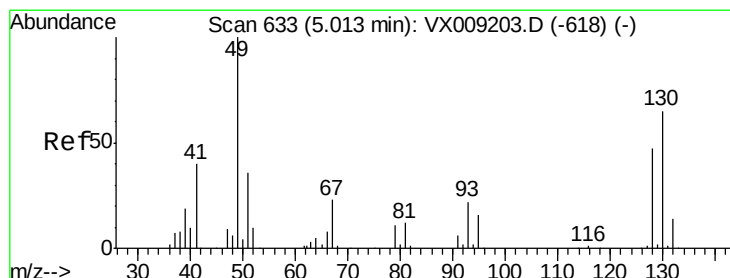
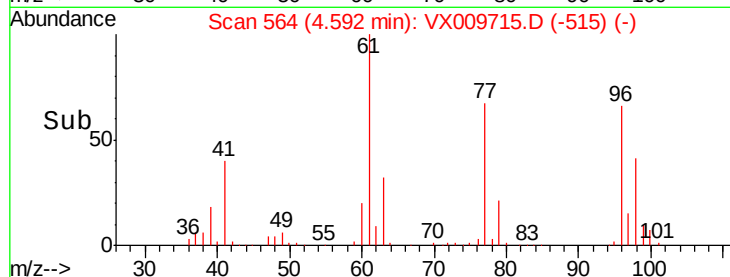
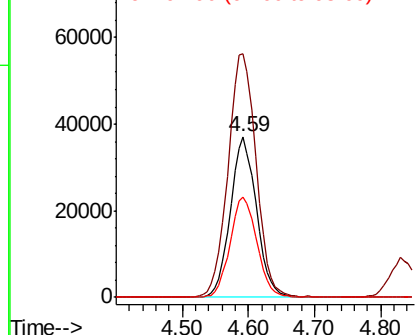
cis-1,2-Dichloroethene
Concen: 50.033 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 101360
Ion Ratio Lower Upper
96 100
61 163.1 0.0 324.0
98 63.9 0.0 130.4



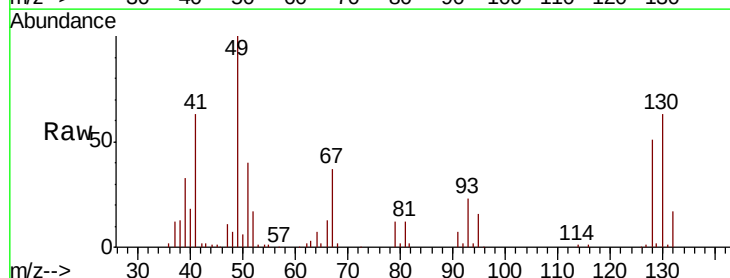
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



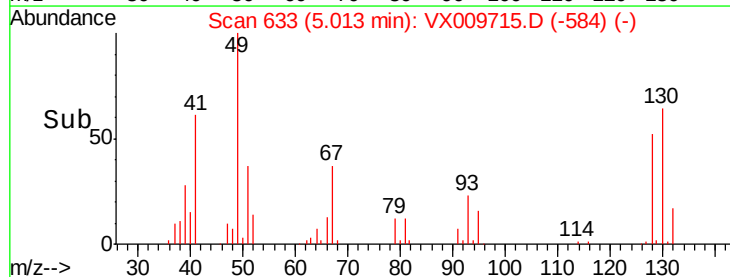
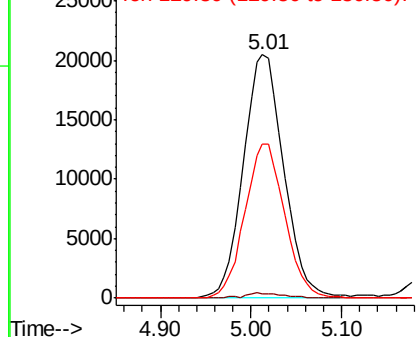
#28

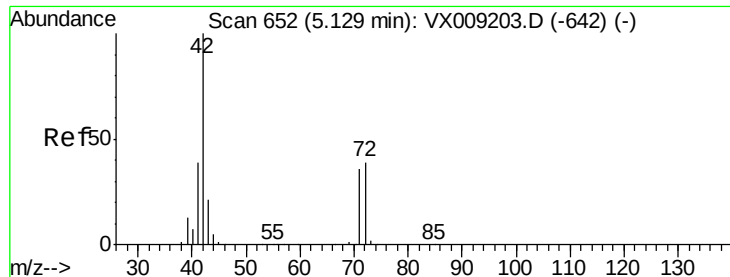
Bromochloromethane
Concen: 42.957 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion: 49 Resp: 63129
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 62.9 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: 275.388 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

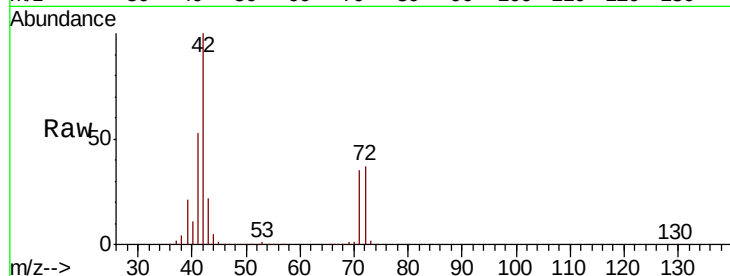
Tgt Ion: 42 Resp: 336683

Ion Ratio Lower Upper

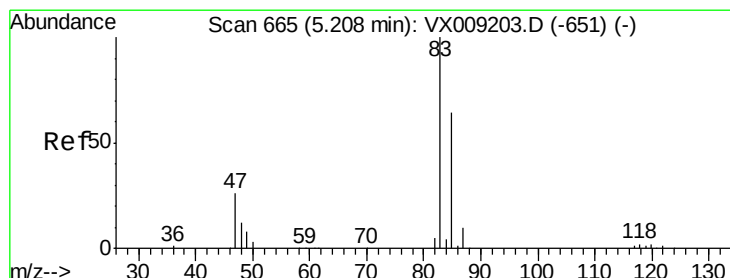
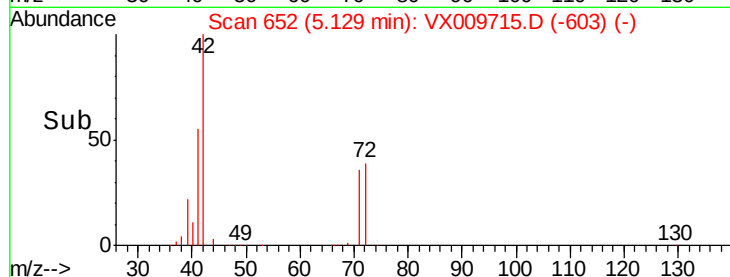
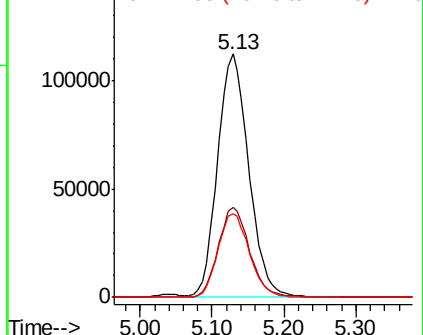
42 100

72 37.3 30.4 45.6

71 34.9 28.6 43.0



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



#30

Chloroform

Concen: 51.471 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009715.D

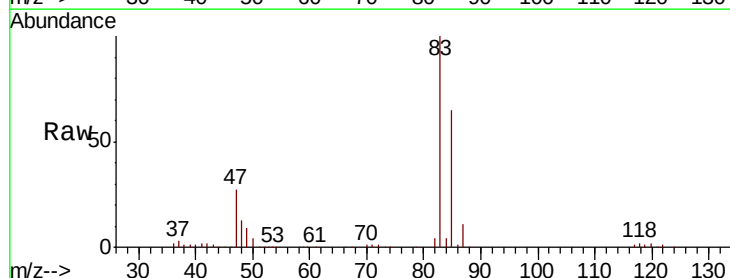
Acq: 20 May 2019 10:28

Tgt Ion: 83 Resp: 168438

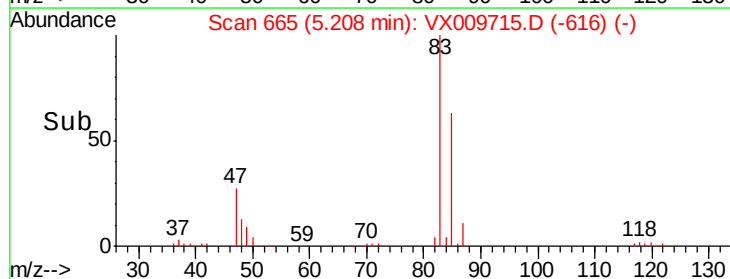
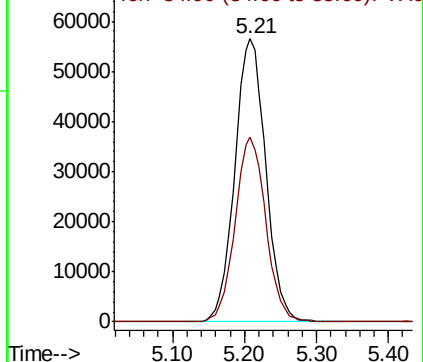
Ion Ratio Lower Upper

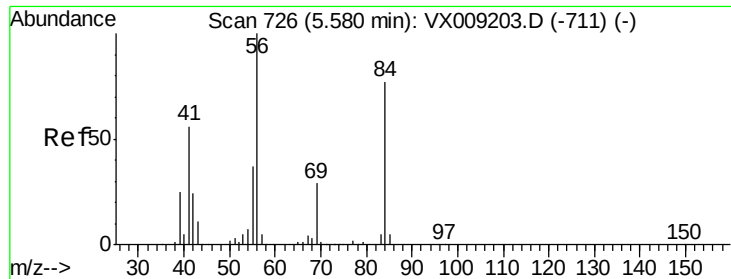
83 100

85 65.4 51.5 77.3



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

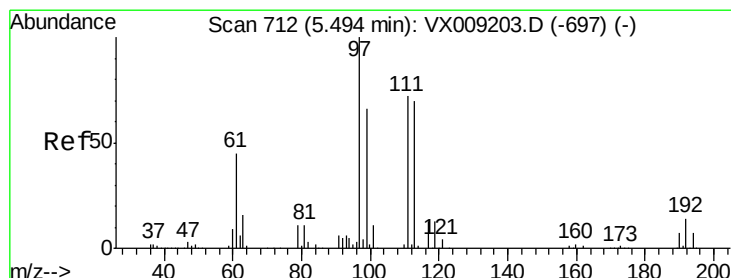
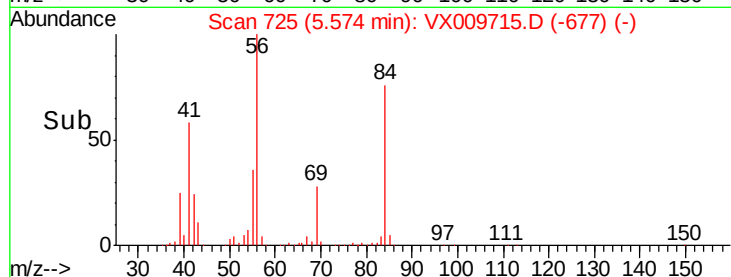
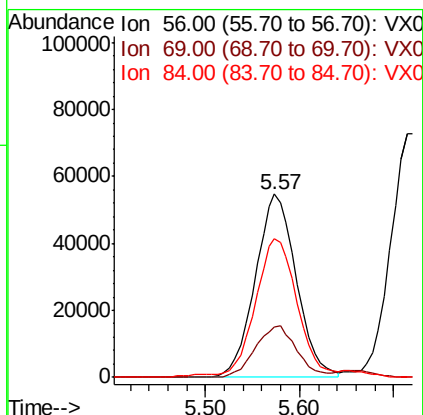
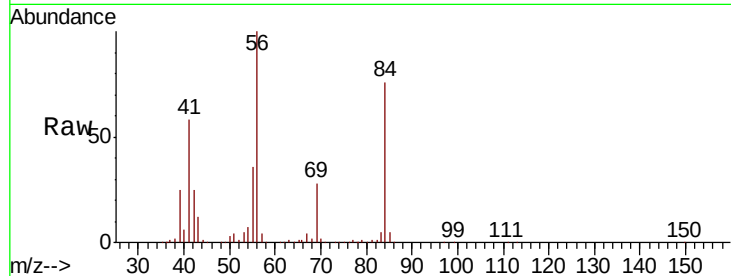




#31
Cyclohexane
Concen: 49.459 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

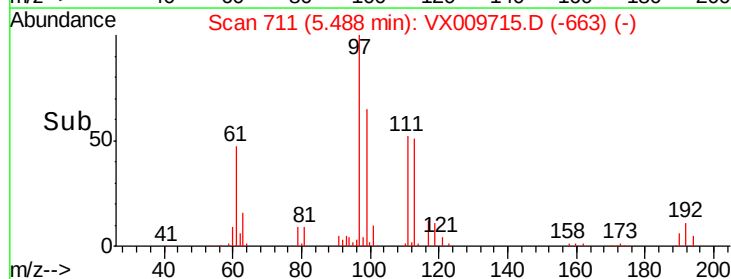
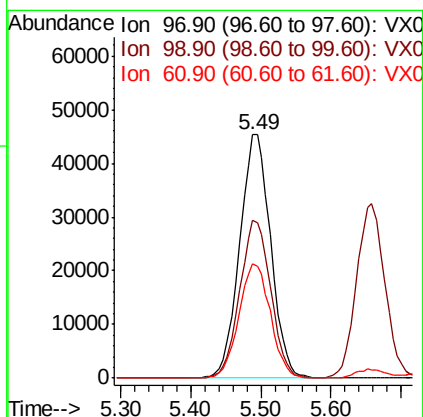
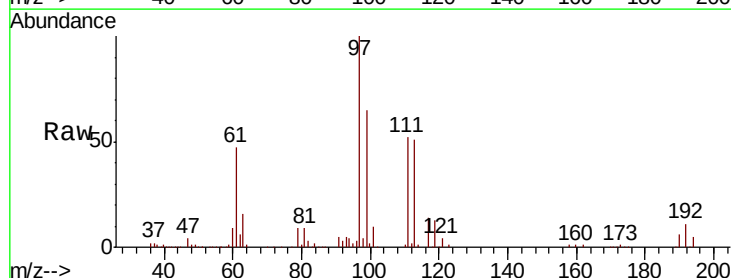
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

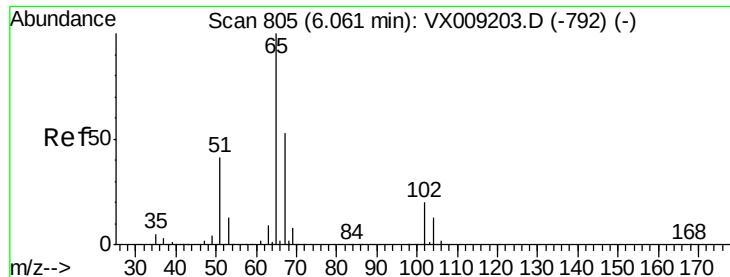
Tgt Ion: 56 Resp: 166493
Ion Ratio Lower Upper
56 100
69 27.5 23.4 35.0
84 74.7 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 51.277 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion: 97 Resp: 139688
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 47.8 37.8 56.8

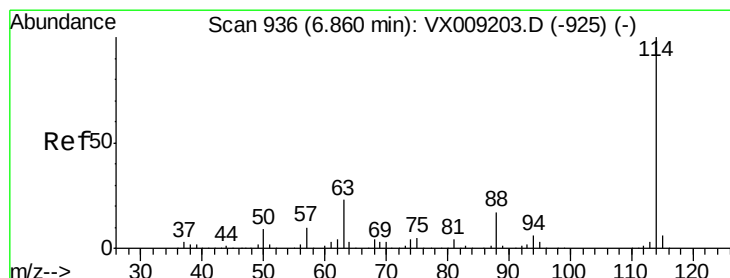
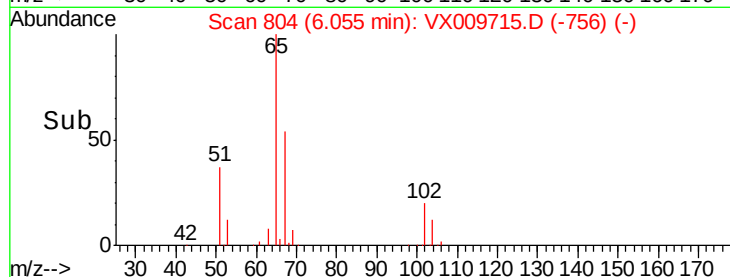
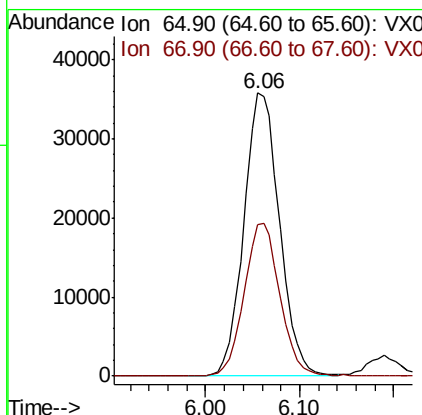
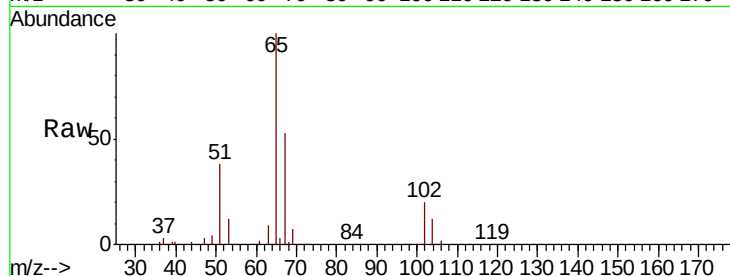




#33
 1,2-Dichloroethane-d4
 Concen: 41.711 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

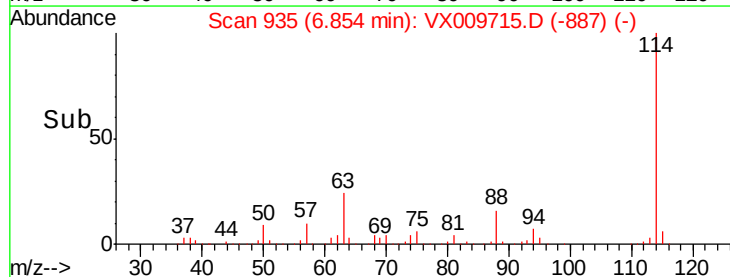
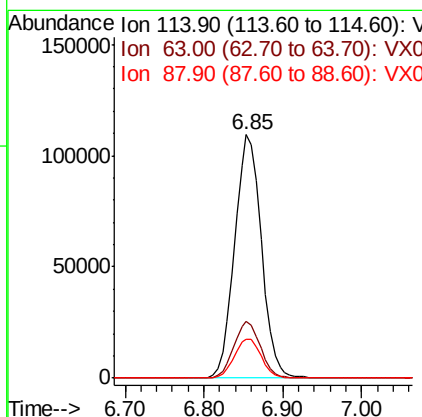
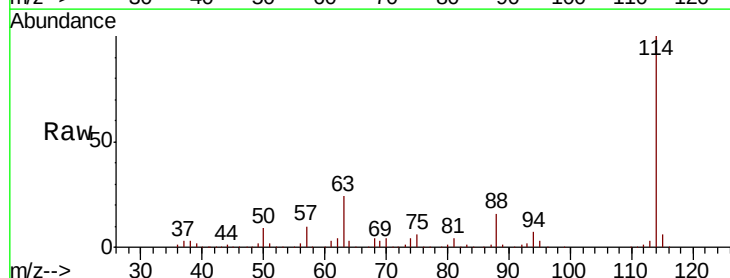
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

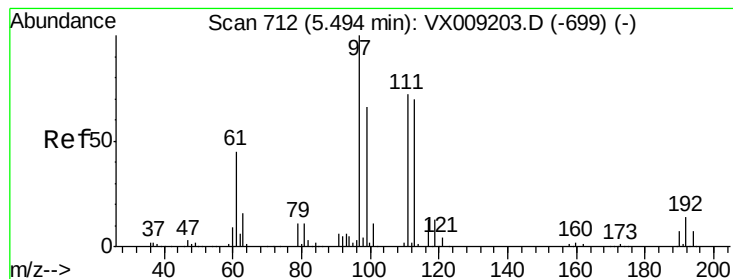
Tgt Ion: 65 Resp: 94972
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion: 114 Resp: 258586
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.898 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

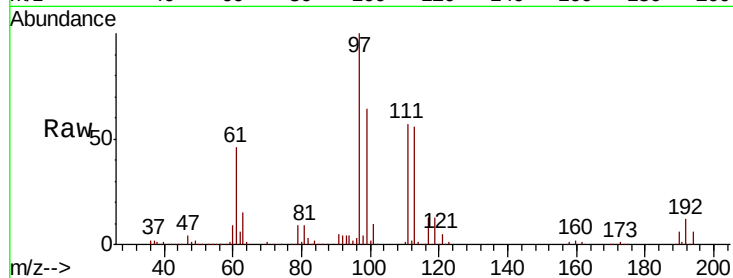
Tgt Ion:113 Resp: 71360

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

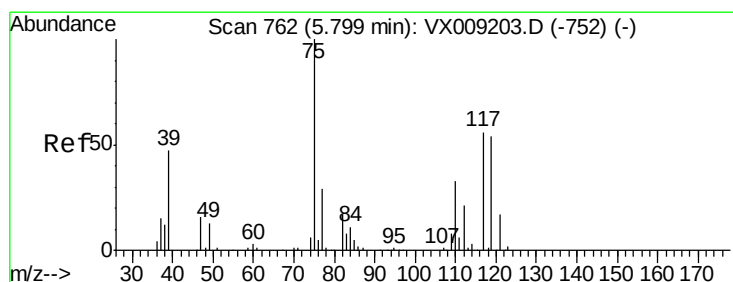
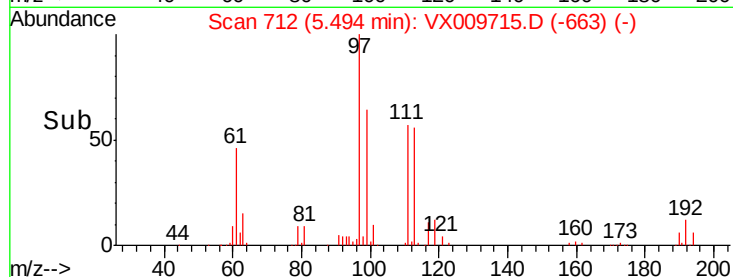
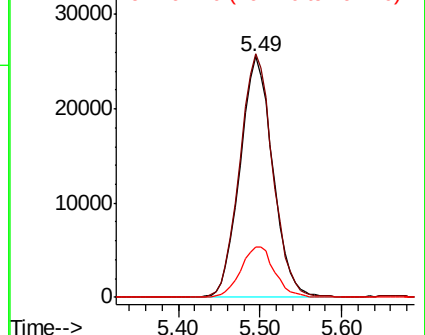
192 21.6 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.846 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

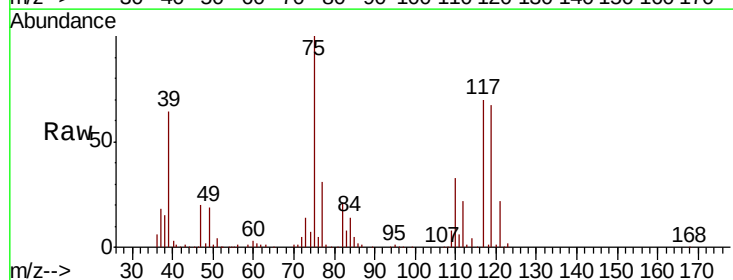
Tgt Ion: 75 Resp: 126994

Ion Ratio Lower Upper

75 100

110 32.7 16.9 50.6

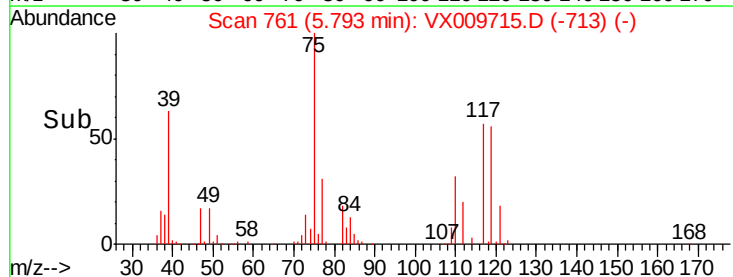
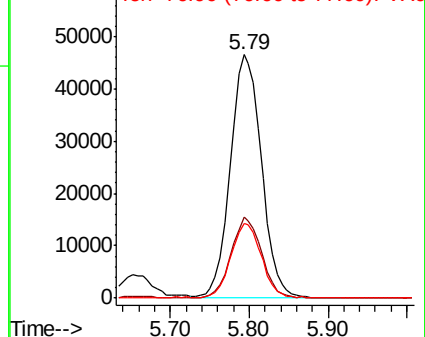
77 30.7 24.8 37.2

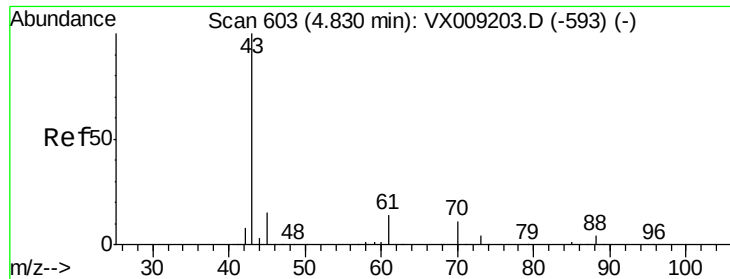


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

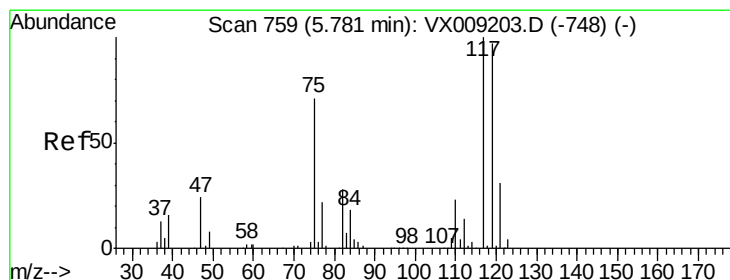
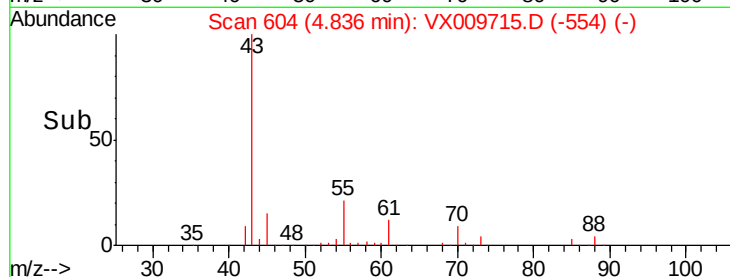
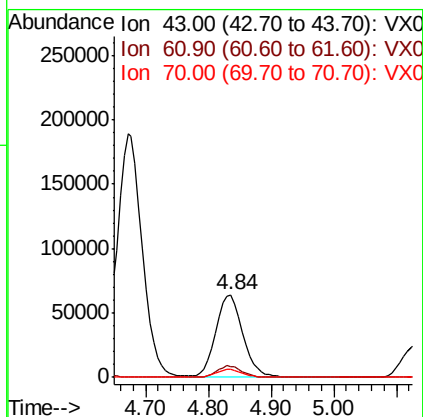
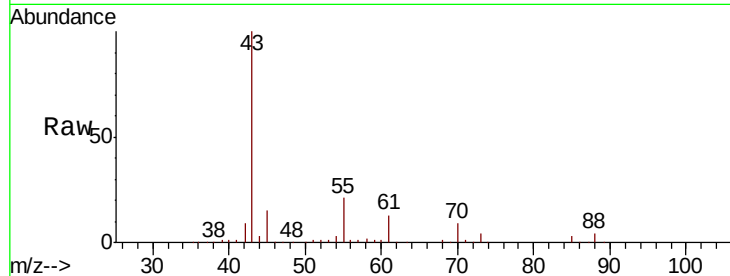




#37
 Ethyl Acetate
 Concen: 57.015 ug/l
 RT: 4.84 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

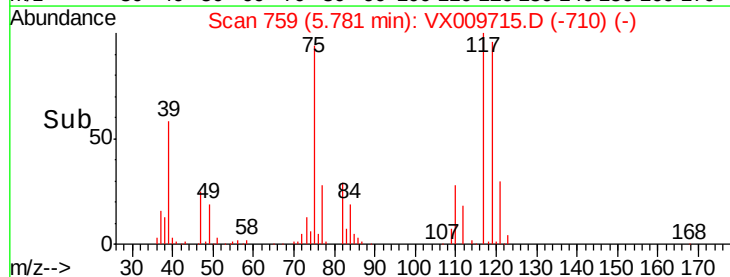
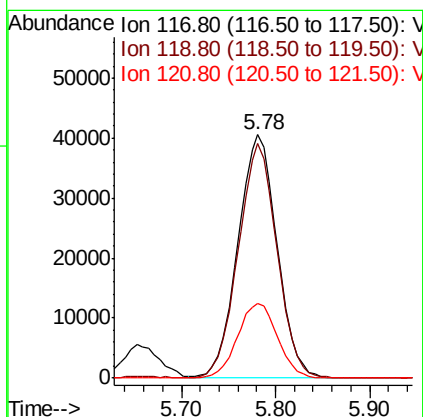
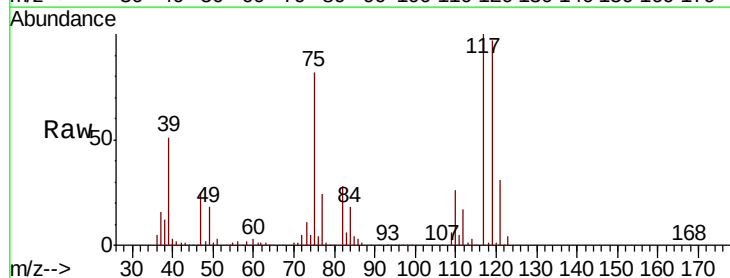
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

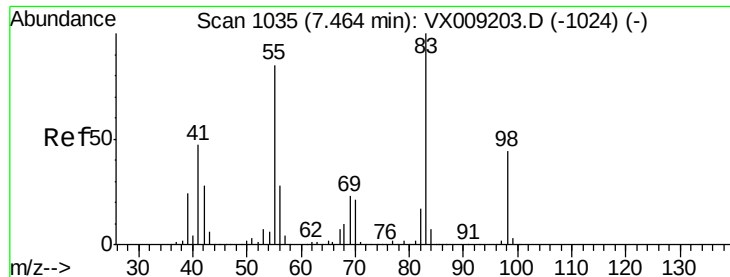
Tgt Ion: 43 Resp: 190896
 Ion Ratio Lower Upper
 43 100
 61 13.2 10.5 15.7
 70 9.3 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 53.729 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion: 117 Resp: 117308
 Ion Ratio Lower Upper
 117 100
 119 96.6 77.5 116.3
 121 30.8 24.7 37.1

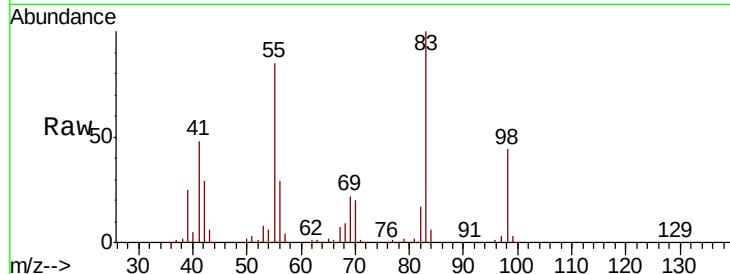




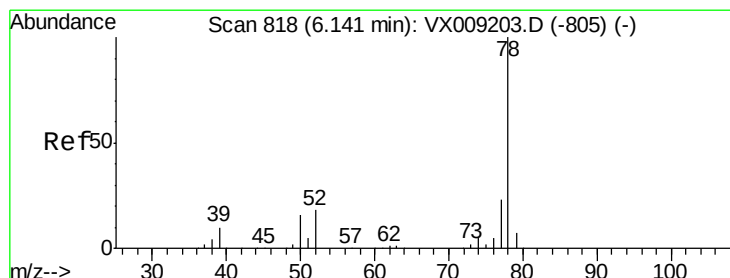
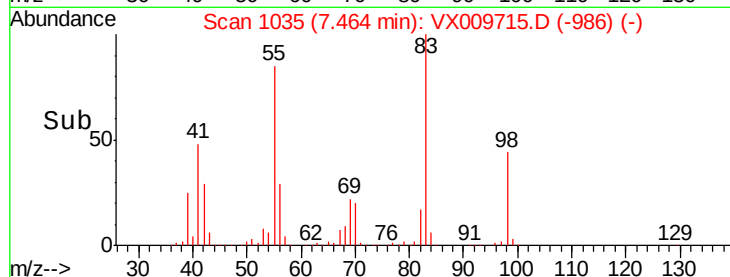
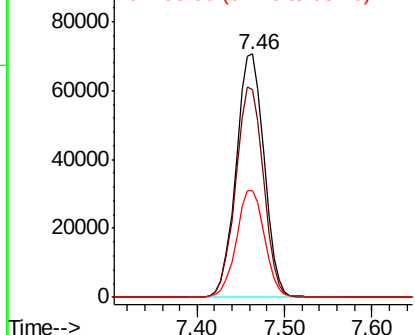
#39
Methylcyclohexane
Concen: 53.390 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 157565
Ion Ratio Lower Upper
83 100
55 85.4 67.7 101.5
98 43.7 35.5 53.3

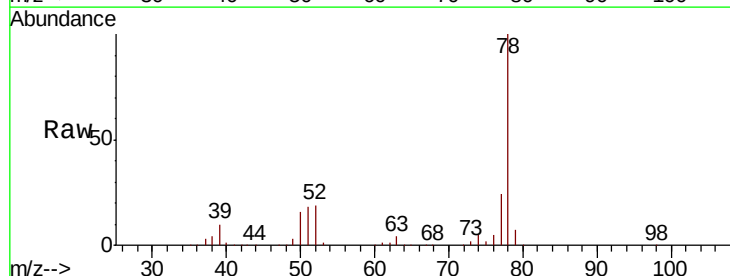


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

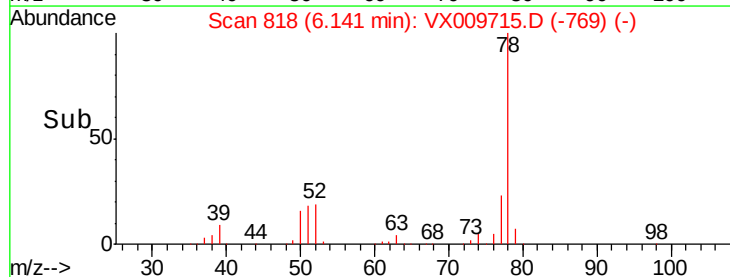
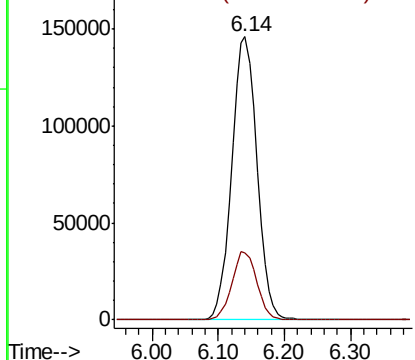


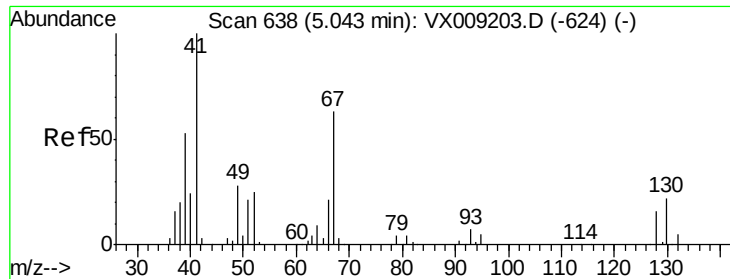
#40
Benzene
Concen: 51.911 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion: 78 Resp: 386065
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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

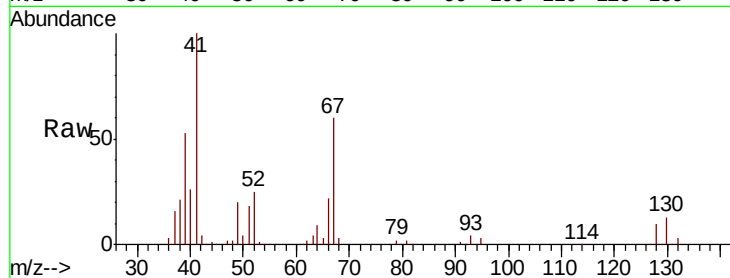




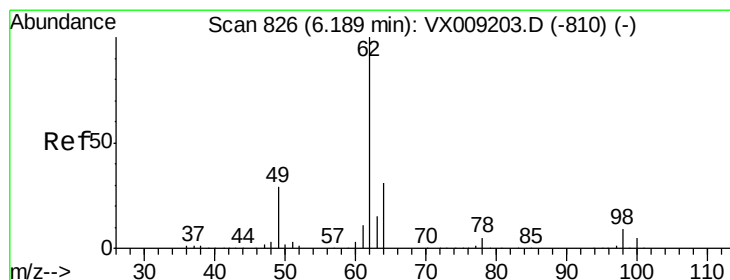
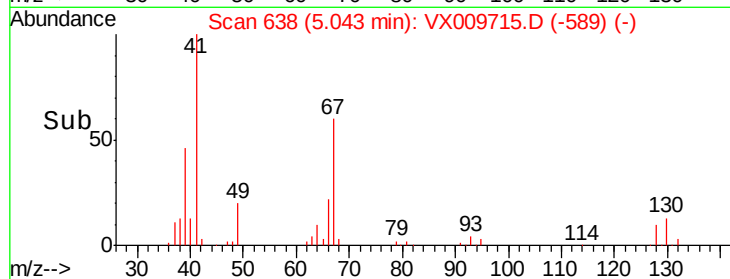
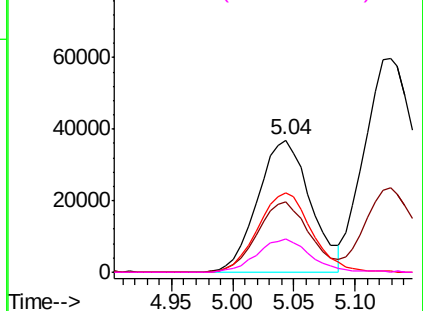
#41
Methacrylonitrile
Concen: 55.369 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	110354
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.0	63.0
67	61.5	49.8	74.8
52	25.2	20.3	30.5

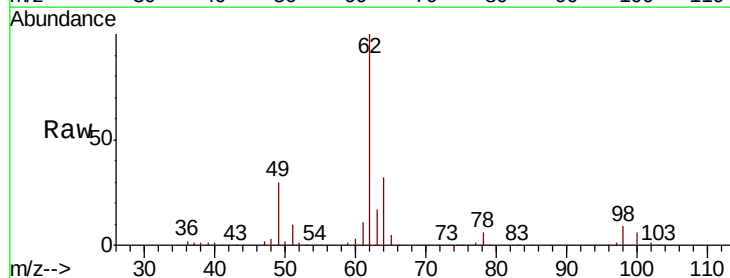


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

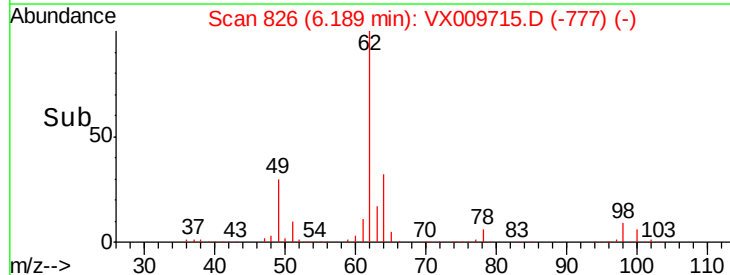
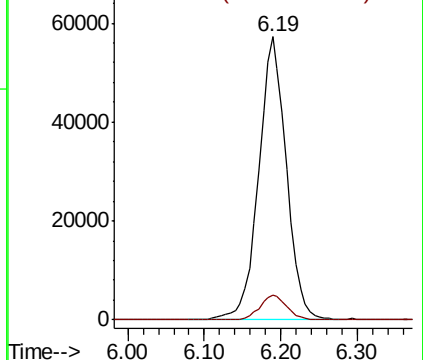


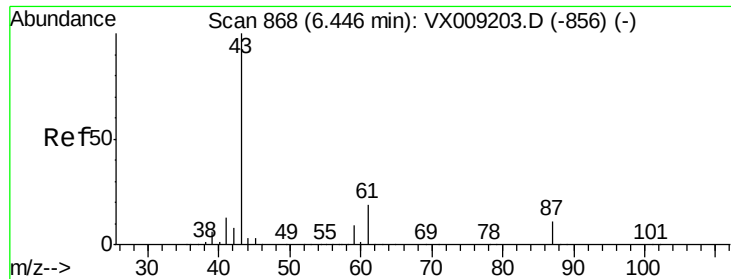
#42
1,2-Dichloroethane
Concen: 54.192 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion:	62	Resp:	144575
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: 57.404 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

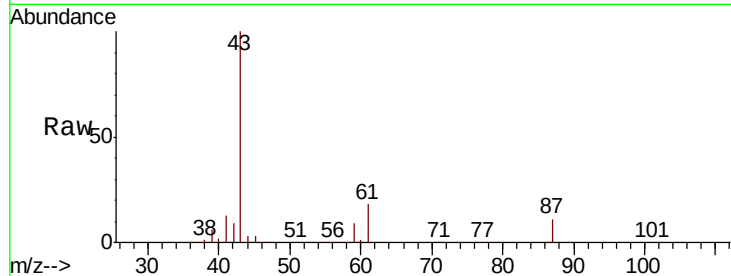
Tgt Ion: 43 Resp: 307435

Ion Ratio Lower Upper

43 100

61 18.5 15.1 22.7

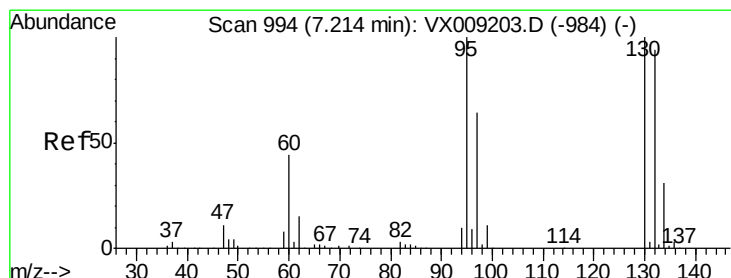
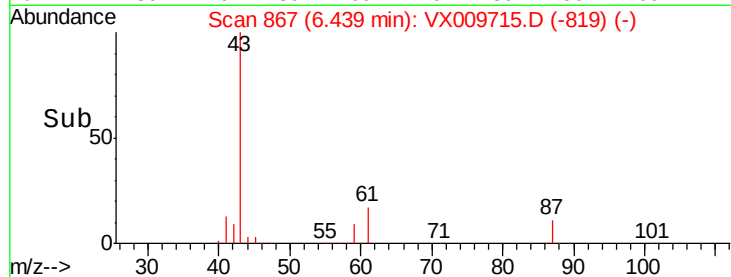
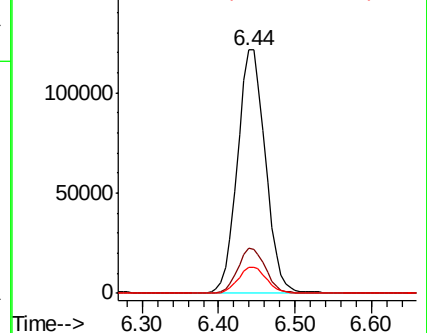
87 11.0 9.0 13.6



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: 52.035 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009715.D

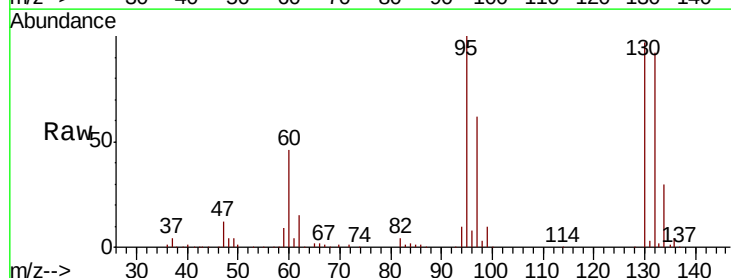
Acq: 20 May 2019 10:28

Tgt Ion: 130 Resp: 93555

Ion Ratio Lower Upper

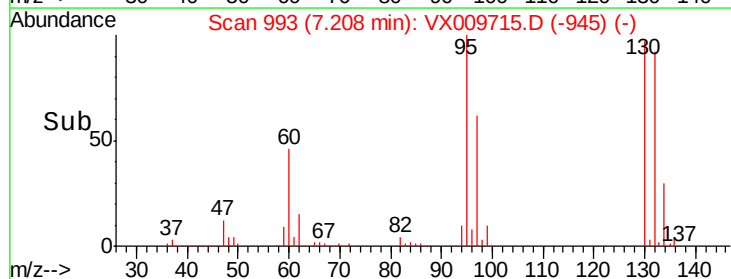
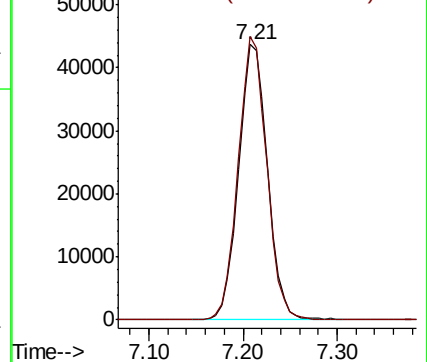
130 100

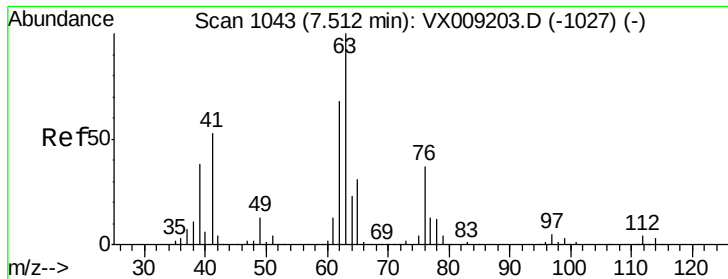
95 102.7 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

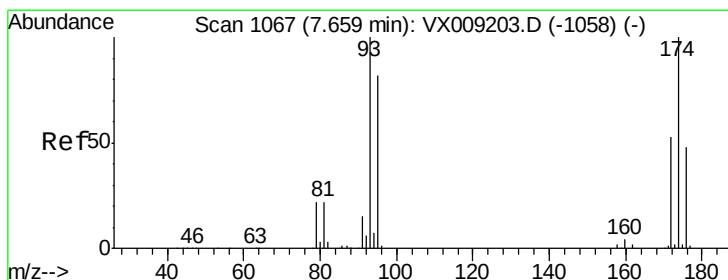
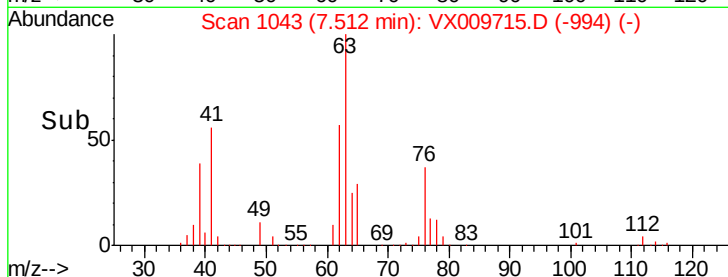
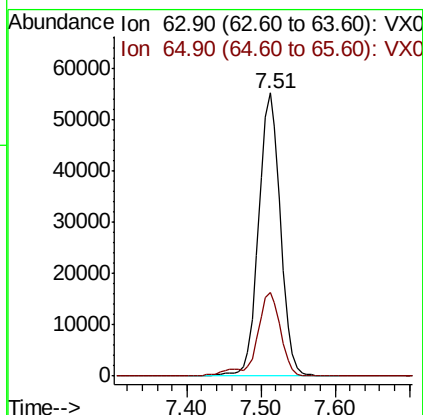
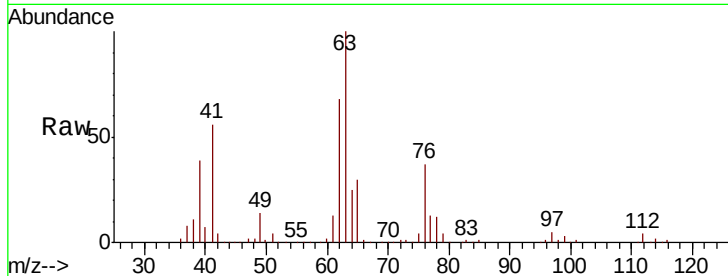




#45
 1,2-Dichloropropane
 Concen: 53.967 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

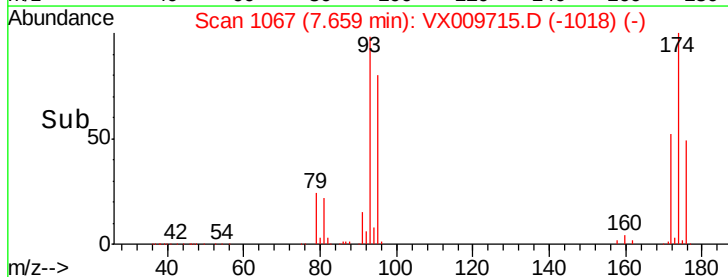
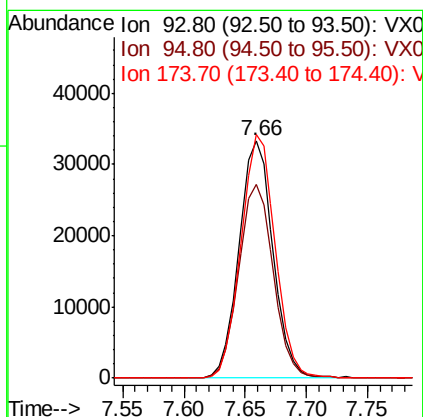
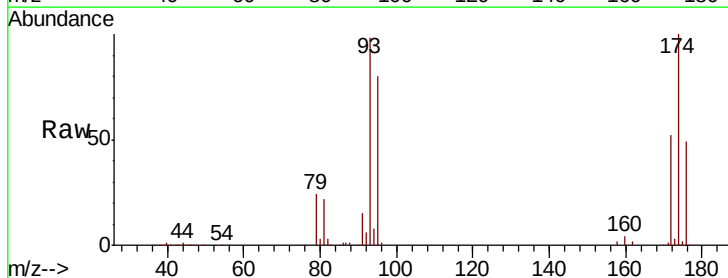
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

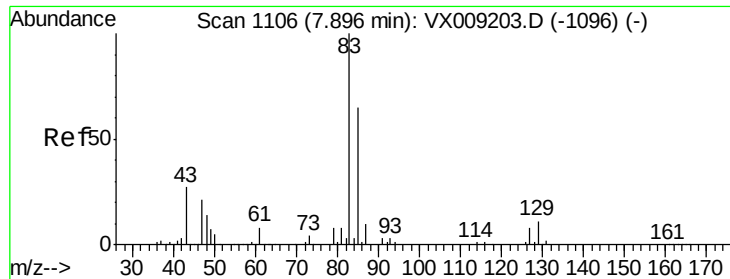
Tgt Ion: 63 Resp: 113648
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6



#46
 Dibromomethane
 Concen: 52.559 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion: 93 Resp: 64275
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.5 99.7
 174 103.5 82.1 123.1





#47

Bromodichloromethane

Concen: 54.662 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

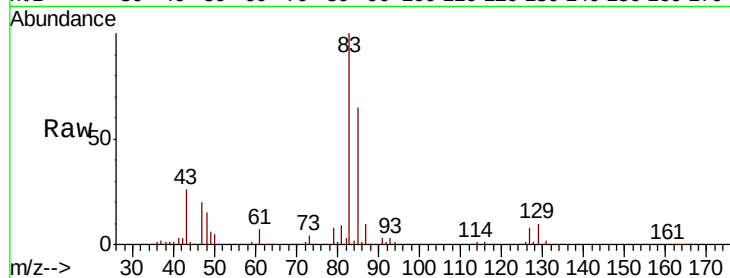
Tgt Ion: 83 Resp: 133342

Ion Ratio Lower Upper

83 100

85 64.7 52.4 78.6

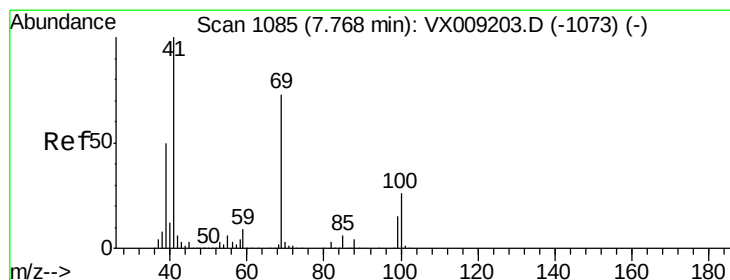
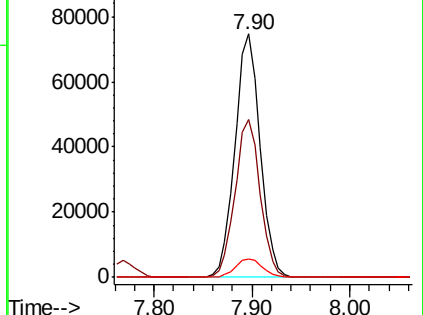
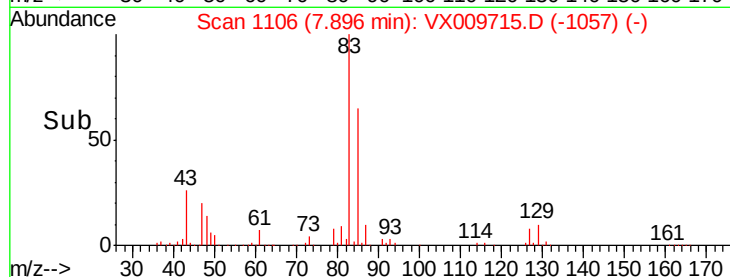
127 7.7 6.6 10.0



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: 58.107 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

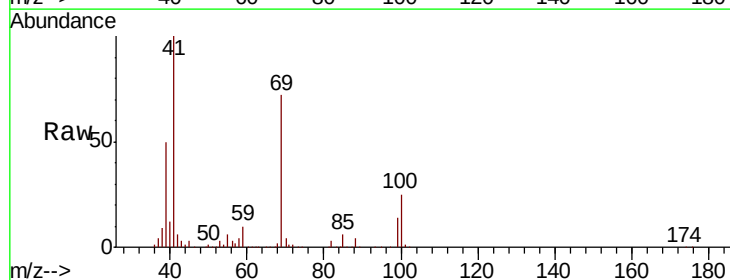
Tgt Ion: 41 Resp: 154392

Ion Ratio Lower Upper

41 100

69 72.2 59.1 88.7

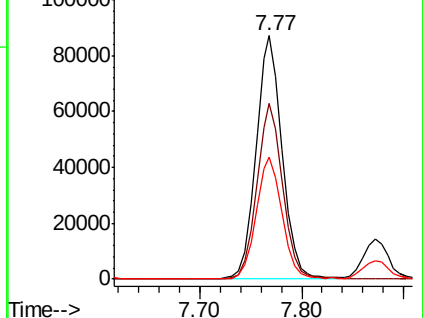
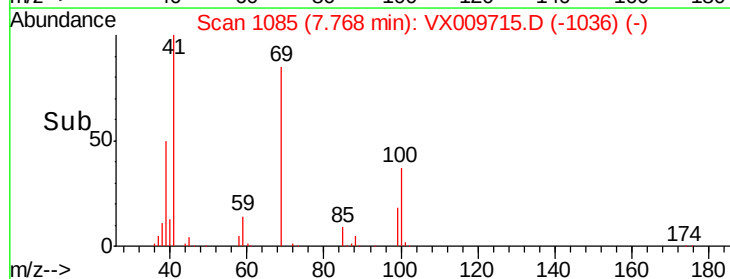
39 50.5 40.4 60.6

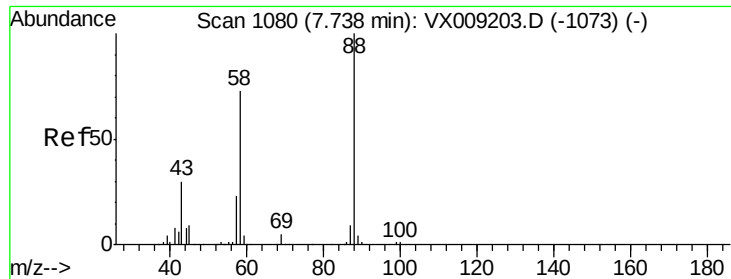


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

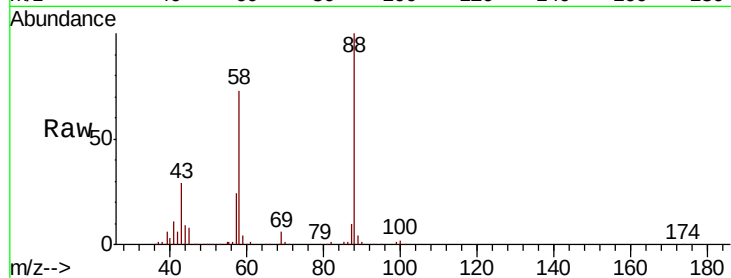




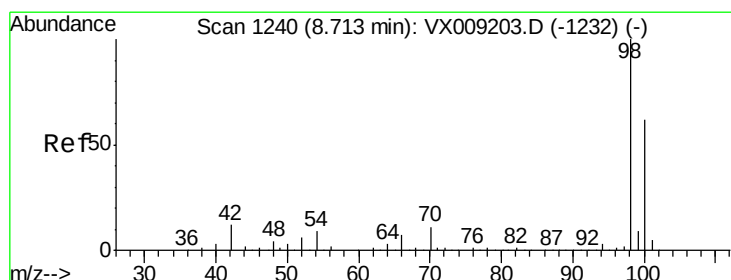
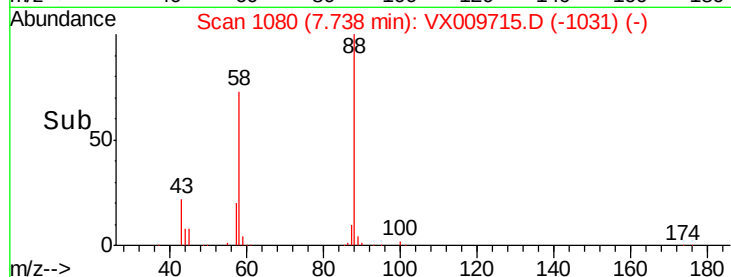
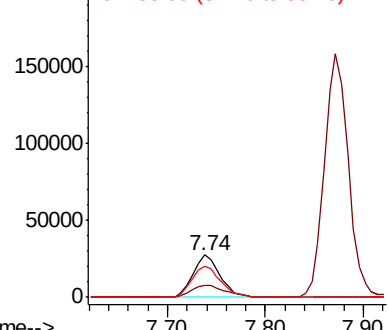
#49
1,4-Dioxane
Concen: 985.216 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 53088
Ion Ratio Lower Upper
88 100
43 36.2 28.6 42.8
58 79.2 61.7 92.5

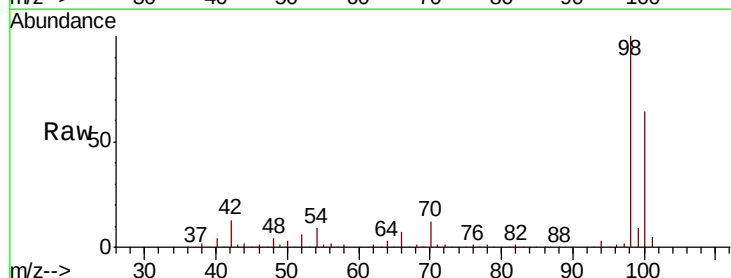


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

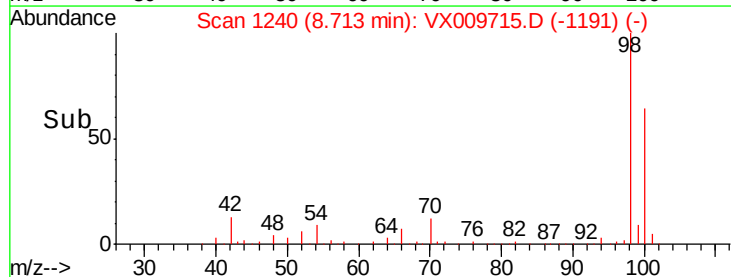
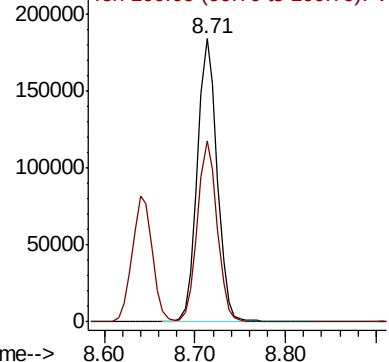


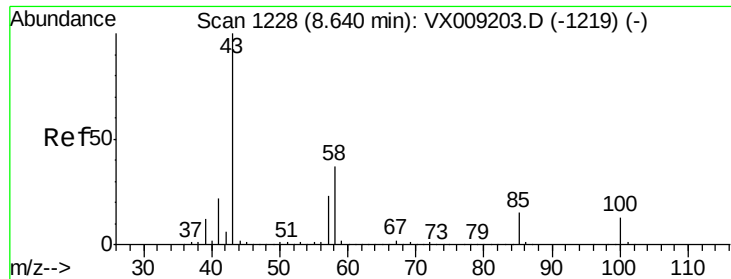
#50
Toluene-d8
Concen: 42.676 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion: 98 Resp: 280076
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 294.622 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

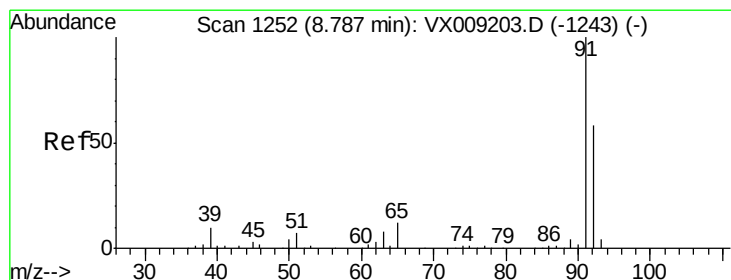
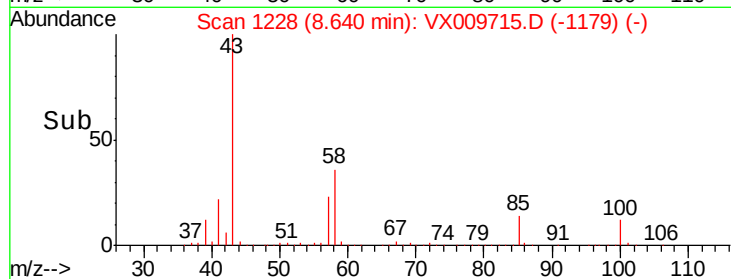
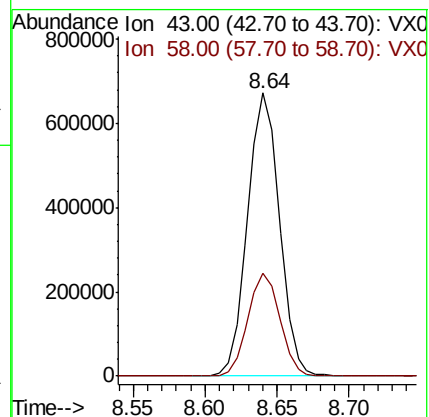
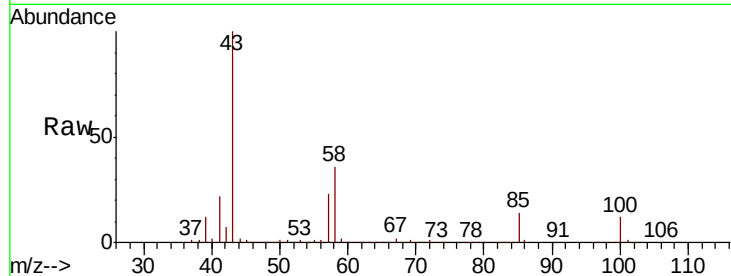
VSTDCCC050

Tgt Ion: 43 Resp: 1031336

Ion Ratio Lower Upper

43 100

58 36.5 29.5 44.3



#52

Toluene

Concen: 53.074 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009715.D

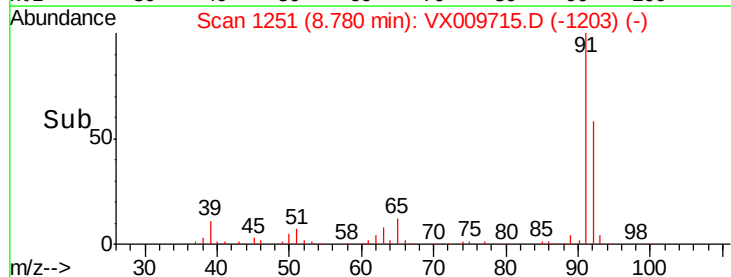
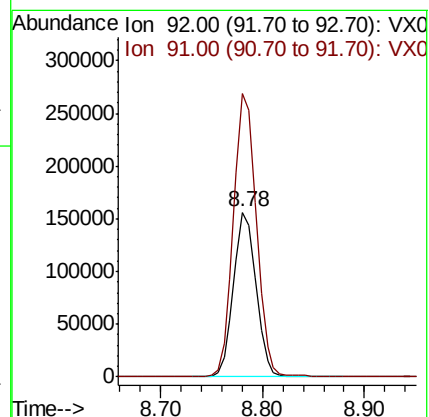
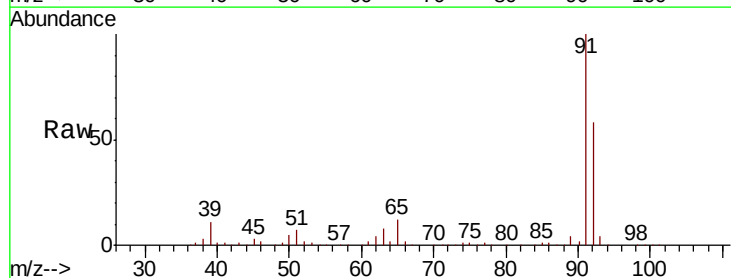
Acq: 20 May 2019 10:28

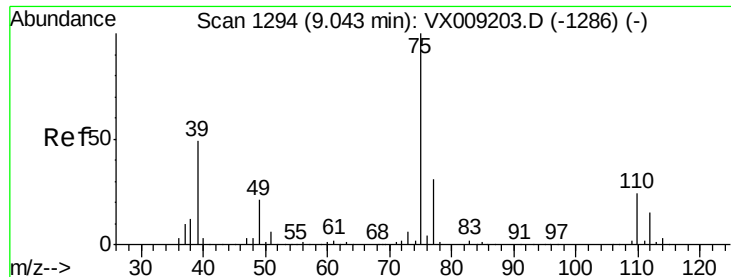
Tgt Ion: 92 Resp: 239936

Ion Ratio Lower Upper

92 100

91 174.5 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 58.020 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

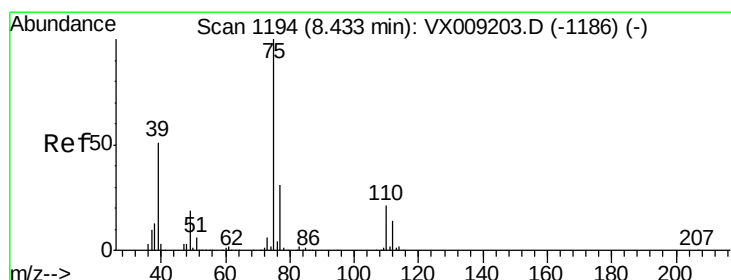
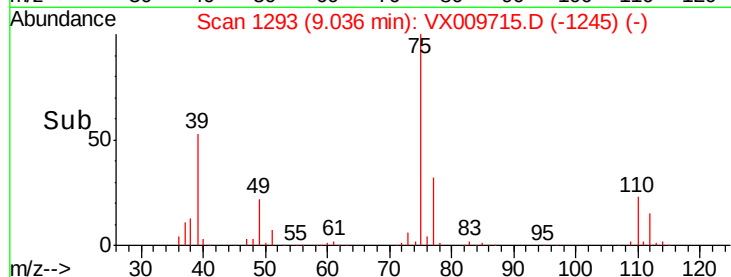
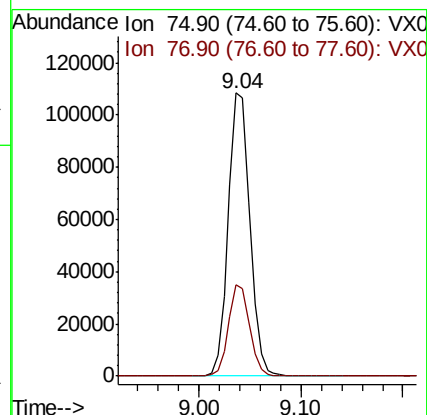
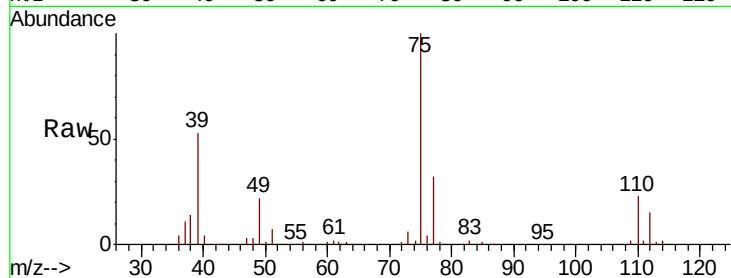
VSTDCCC050

Tgt Ion: 75 Resp: 159792

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 56.002 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

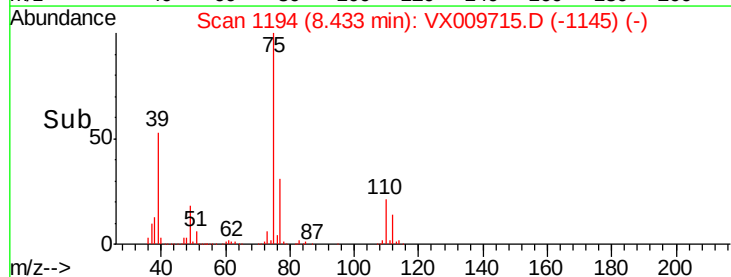
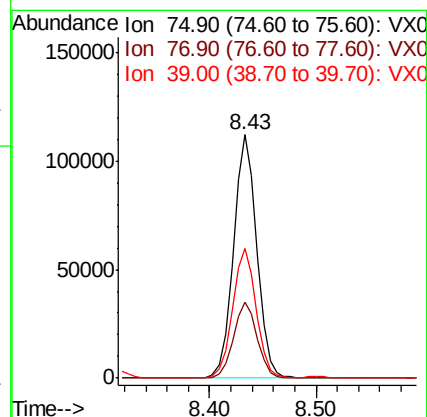
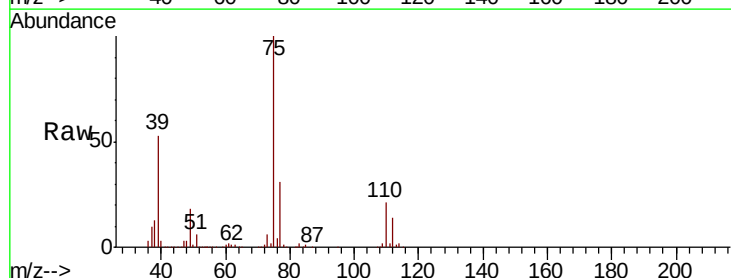
Tgt Ion: 75 Resp: 170714

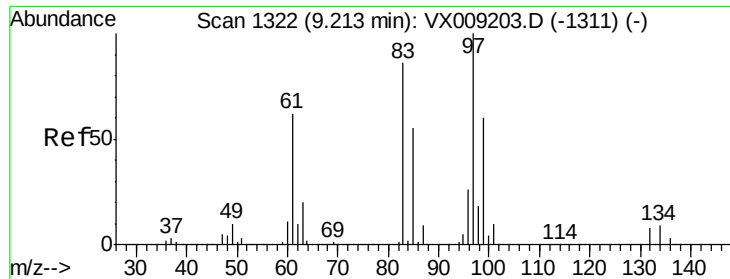
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 53.3 40.6 60.8

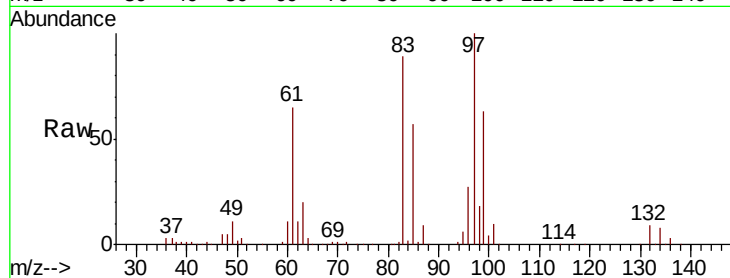




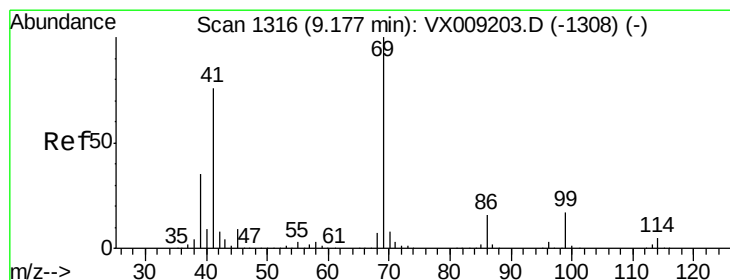
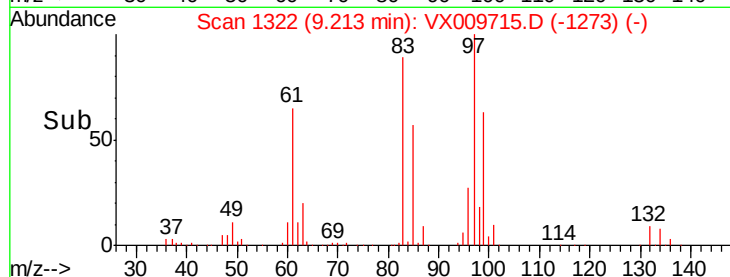
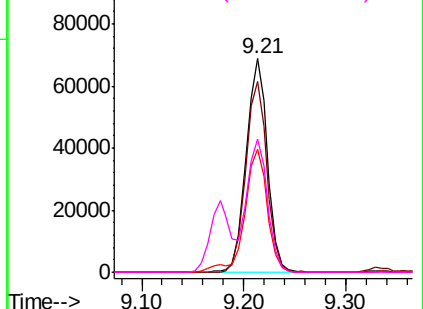
#55
 1,1,2-Trichloroethane
 Concen: 54.145 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 99864
 Ion Ratio Lower Upper
 97 100
 83 89.1 68.9 103.3
 85 57.5 43.8 65.6
 99 62.4 48.2 72.2

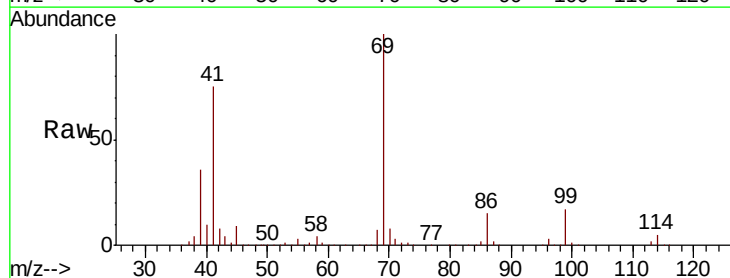


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

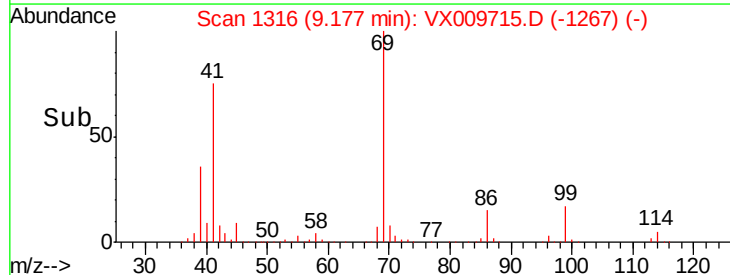
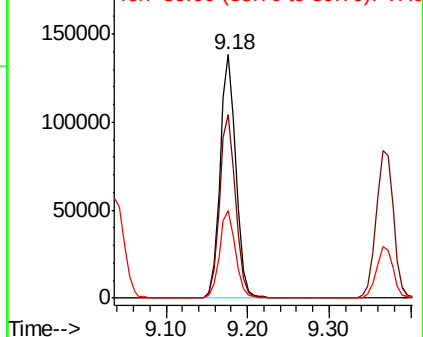


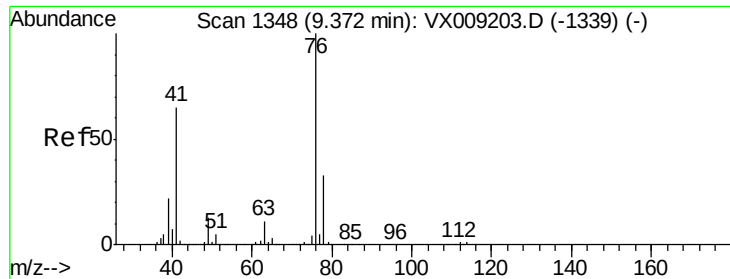
#56
 Ethyl methacrylate
 Concen: 57.131 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion: 69 Resp: 188092
 Ion Ratio Lower Upper
 69 100
 41 76.3 60.6 90.8
 39 36.3 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: 54.093 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

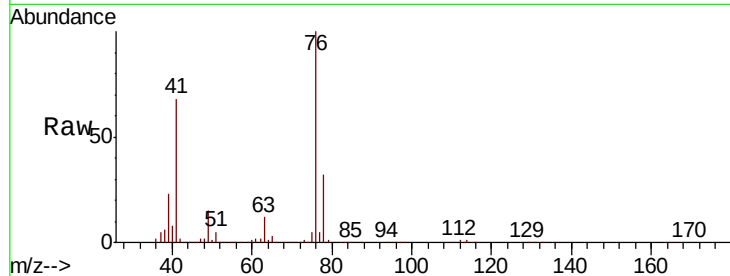
VSTDCCC050

Tgt Ion: 76 Resp: 175566

Ion Ratio Lower Upper

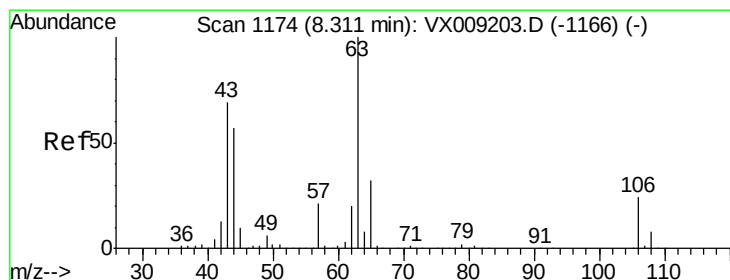
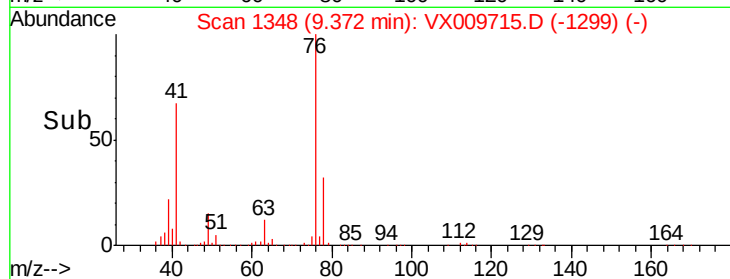
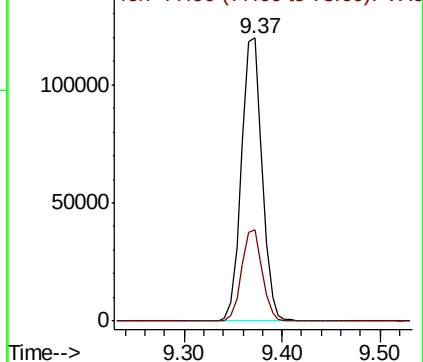
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 187.838 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009715.D

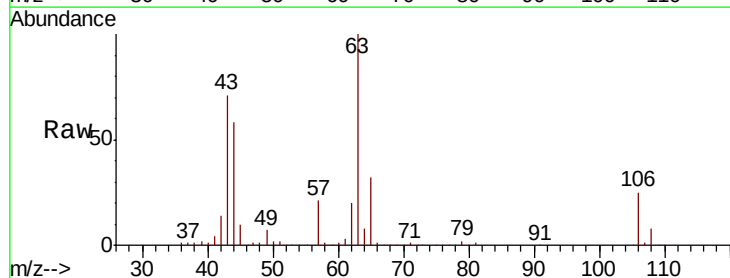
Acq: 20 May 2019 10:28

Tgt Ion: 63 Resp: 328068

Ion Ratio Lower Upper

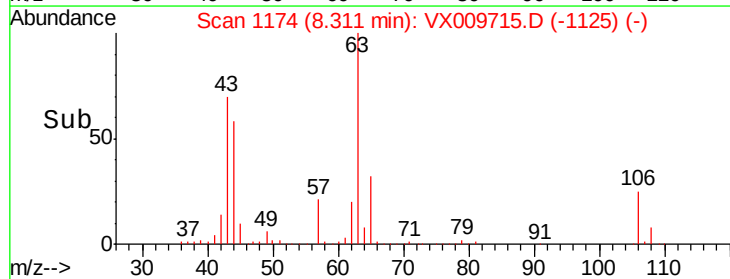
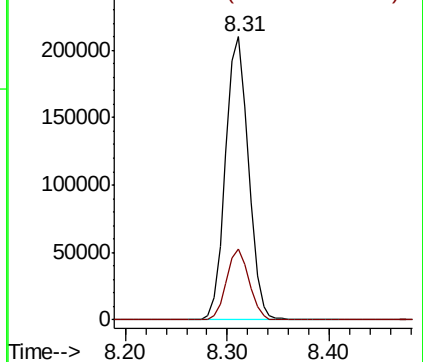
63 100

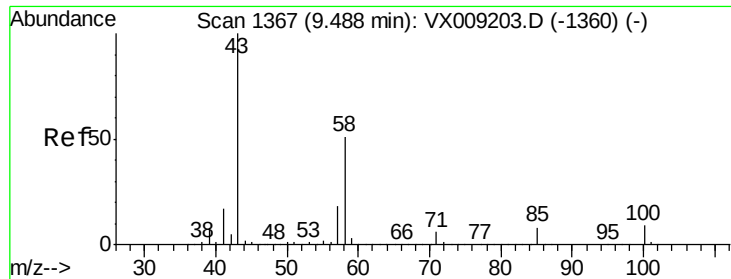
106 24.4 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 293.683 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

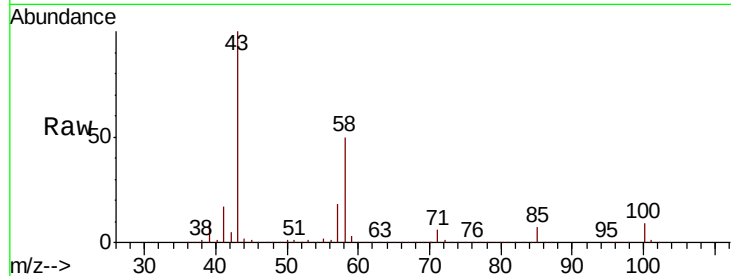
VSTDCCC050

Tgt Ion: 43 Resp: 807419

Ion Ratio Lower Upper

43 100

58 50.8 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX009715.D (-1318) (-)

Ion 58.00 (57.70 to 58.70): VX009715.D (-1318) (-)

9.49

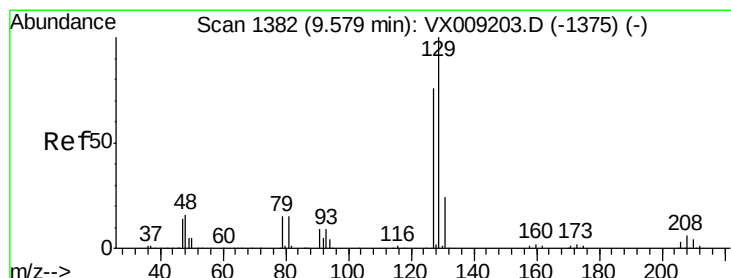
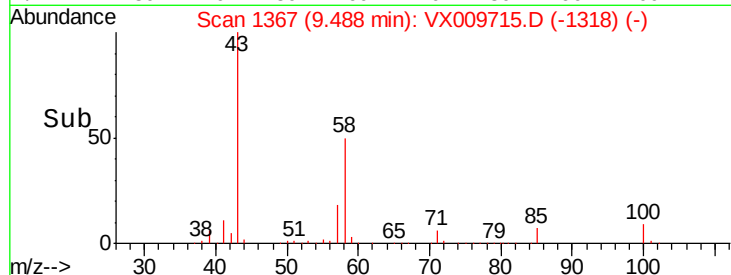
600000

400000

200000

0

Time-->



#60

Dibromochloromethane

Concen: 56.559 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009715.D

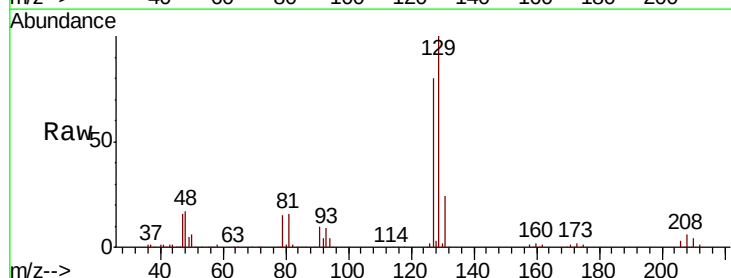
Acq: 20 May 2019 10:28

Tgt Ion: 129 Resp: 101884

Ion Ratio Lower Upper

129 100

127 78.7 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): VX009715.D (-1333) (-)

Ion 126.80 (126.50 to 127.50): VX009715.D (-1333) (-)

9.58

80000

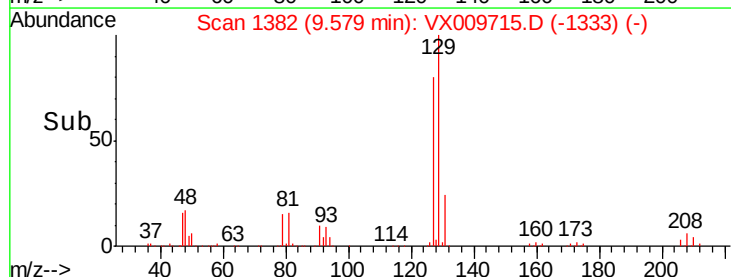
60000

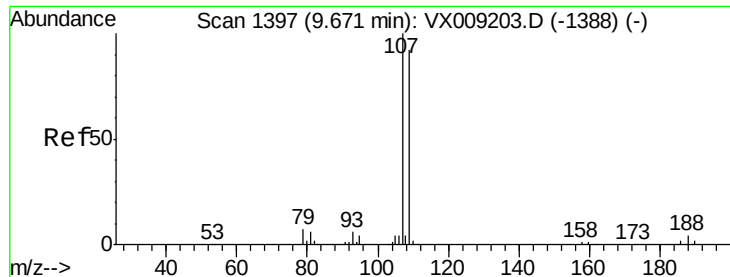
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 54.560 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

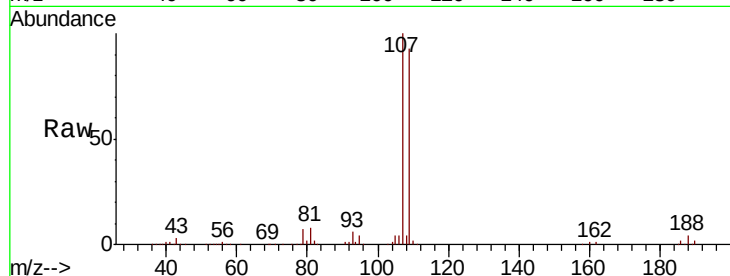
VSTDCCC050

Tgt Ion: 107 Resp: 101577

Ion Ratio Lower Upper

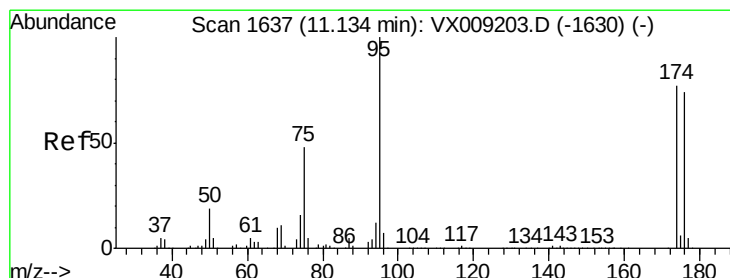
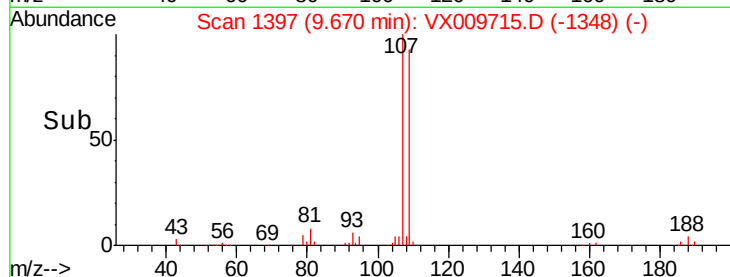
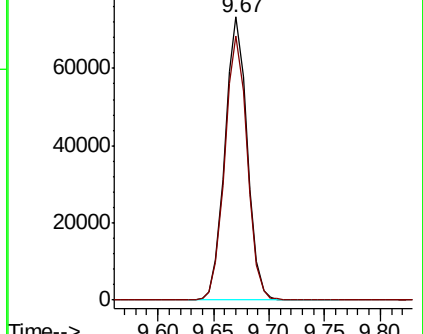
107 100

109 94.0 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: 44.762 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

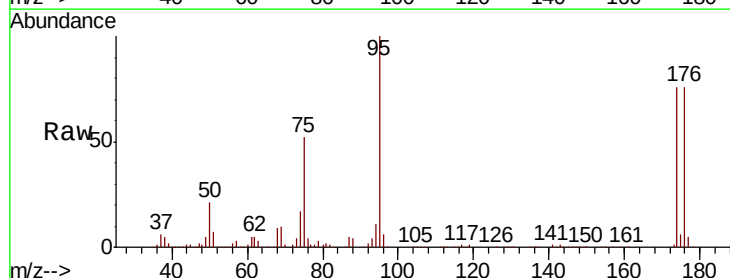
Tgt Ion: 95 Resp: 106744

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

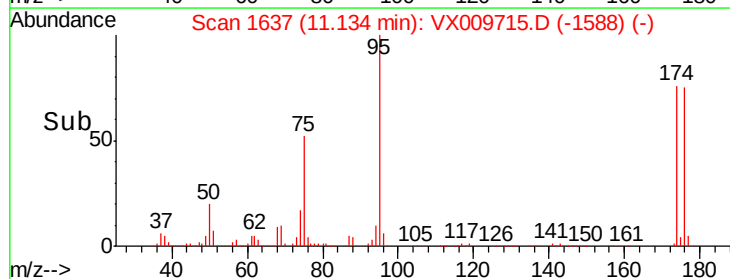
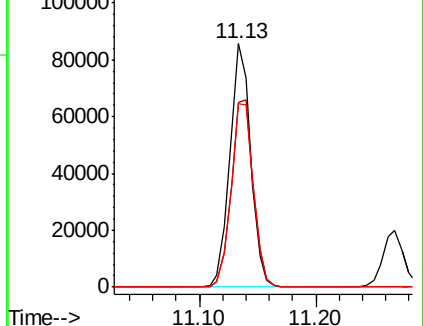
176 80.5 0.0 159.2

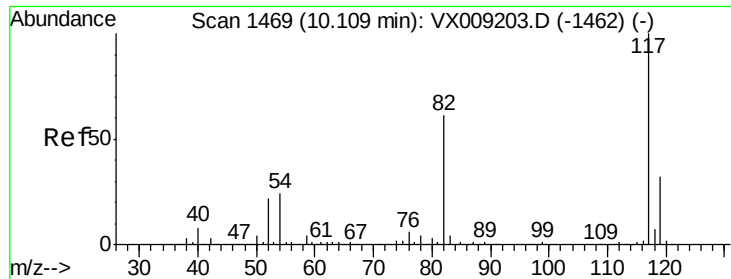


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

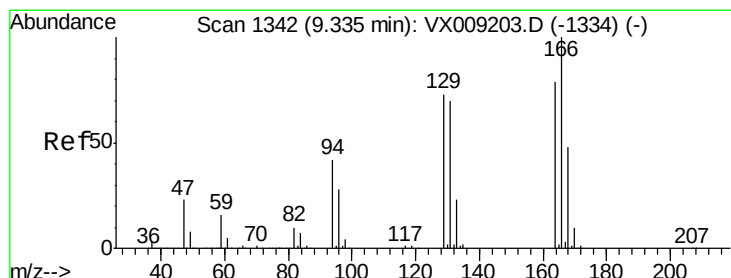
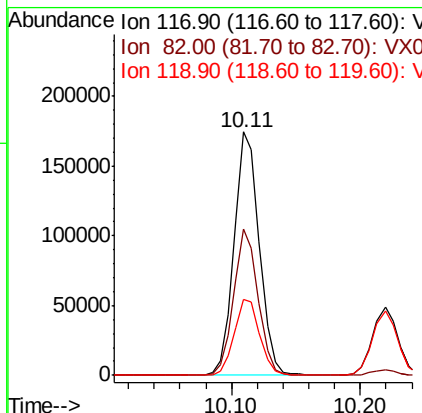
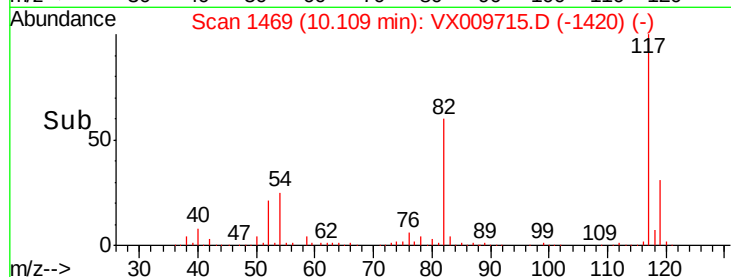
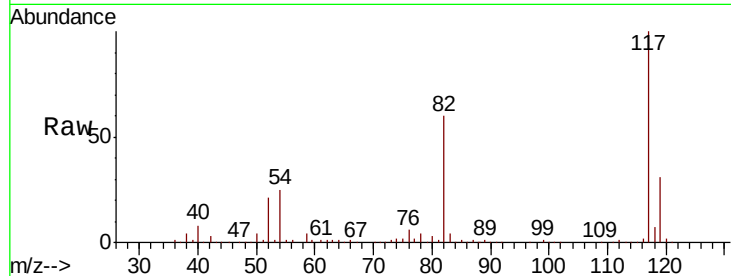




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

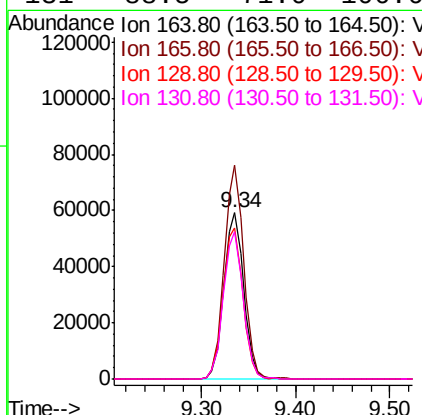
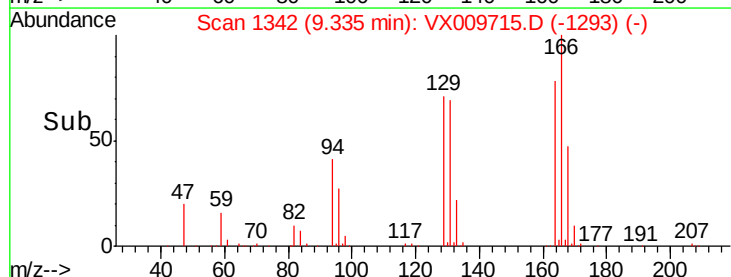
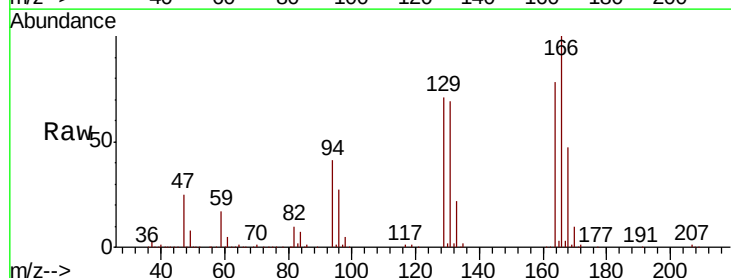
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

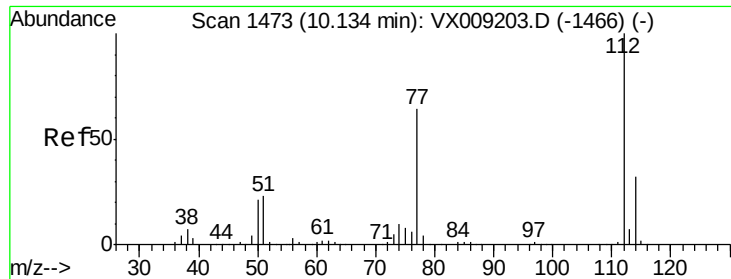
Tgt Ion:117 Resp: 237313
Ion Ratio Lower Upper
117 100
82 60.1 48.8 73.2
119 31.0 25.8 38.6



#64
Tetrachloroethene
Concen: 52.956 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion:164 Resp: 86205
Ion Ratio Lower Upper
164 100
166 128.5 101.2 151.8
129 90.9 74.3 111.5
131 88.5 71.0 106.6

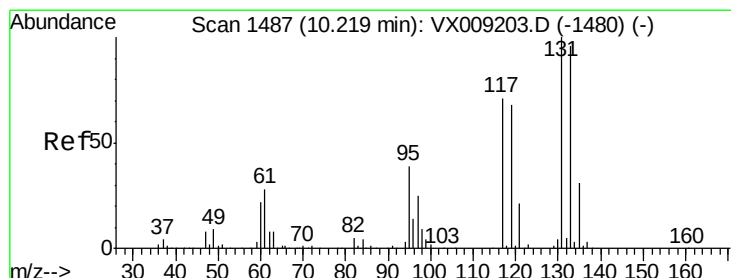
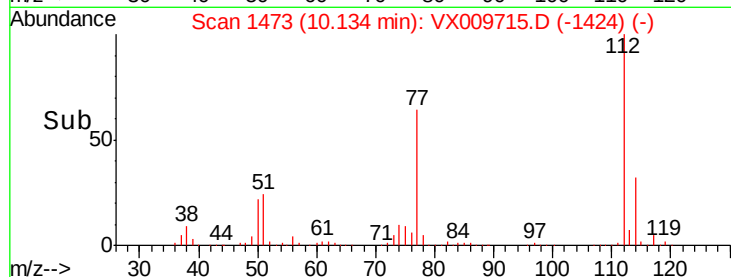
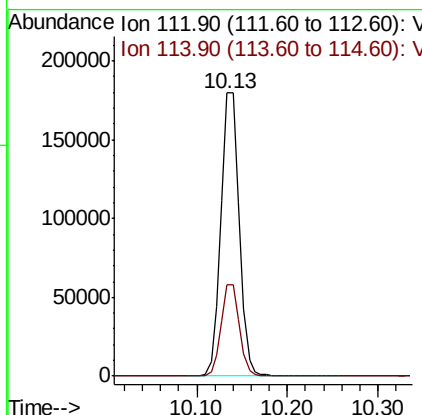
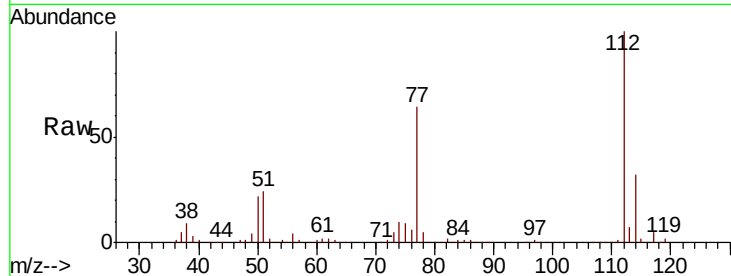




#65
Chlorobenzene
Concen: 53.544 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

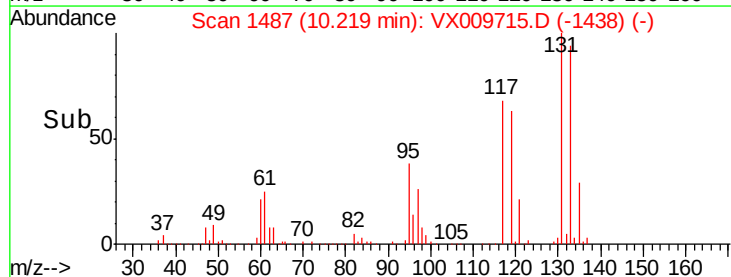
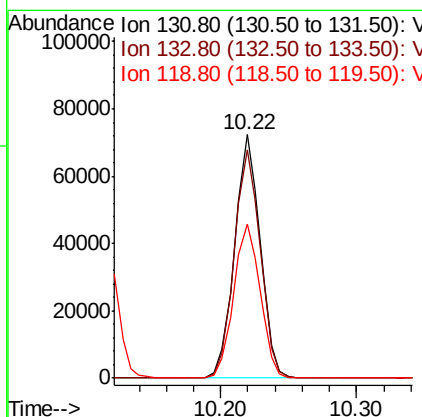
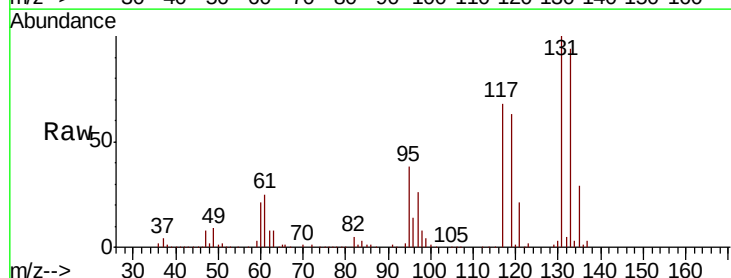
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

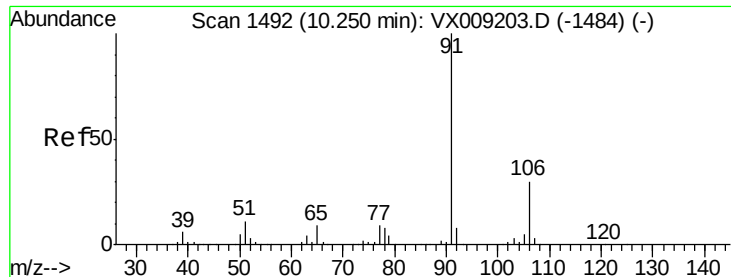
Tgt Ion:112 Resp: 254189
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.900 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion:131 Resp: 94489
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 65.4 33.5 100.4





#67

Ethyl Benzene

Concen: 53.774 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

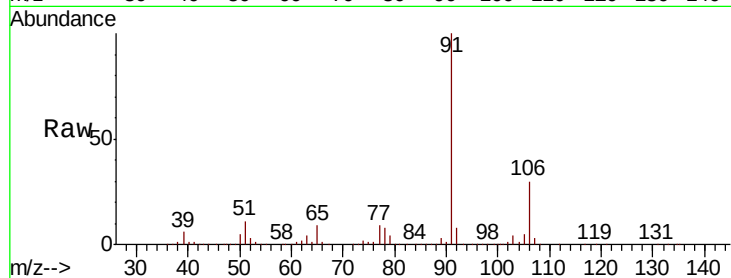
VSTDCCC050

Tgt Ion: 91 Resp: 469816

Ion Ratio Lower Upper

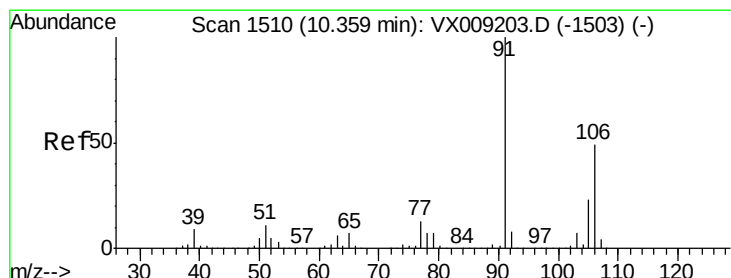
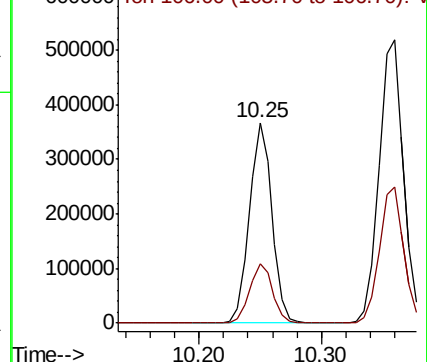
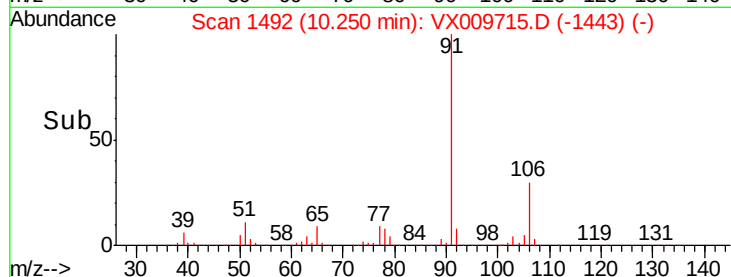
91 100

106 29.6 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009715.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX009715.D (-1443) (-)



#68

m/p-Xylenes

Concen: 107.993 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009715.D

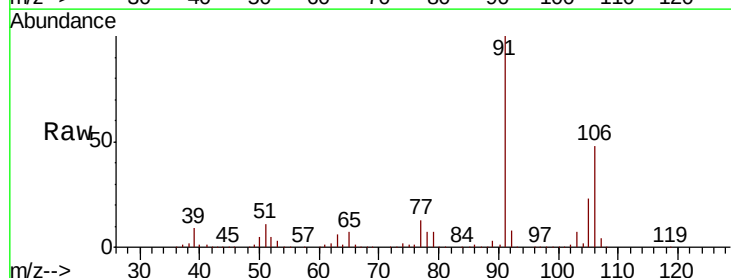
Acq: 20 May 2019 10:28

Tgt Ion: 106 Resp: 344792

Ion Ratio Lower Upper

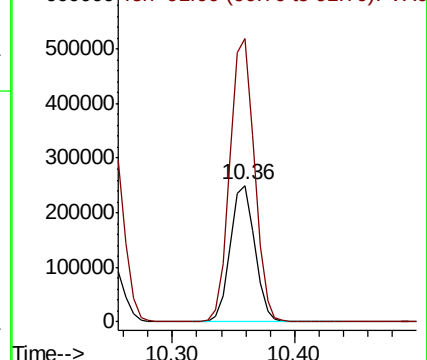
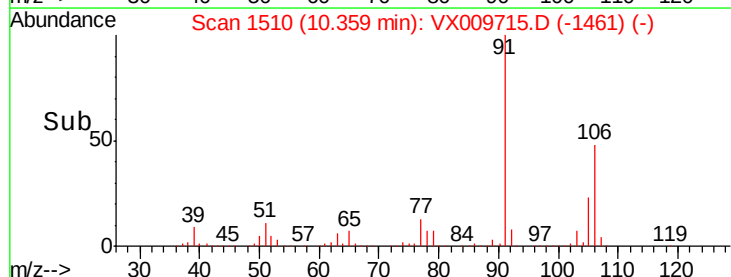
106 100

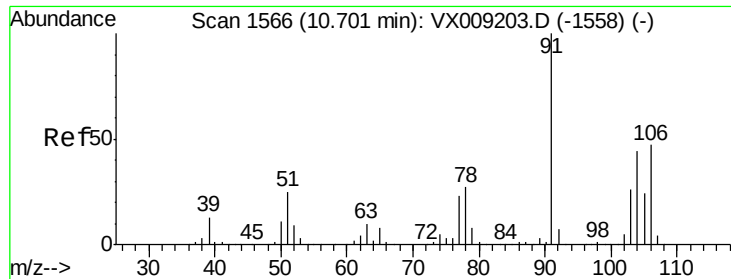
91 208.5 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009715.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX009715.D (-1461) (-)

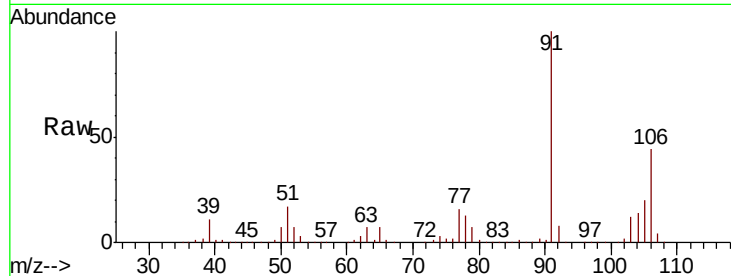




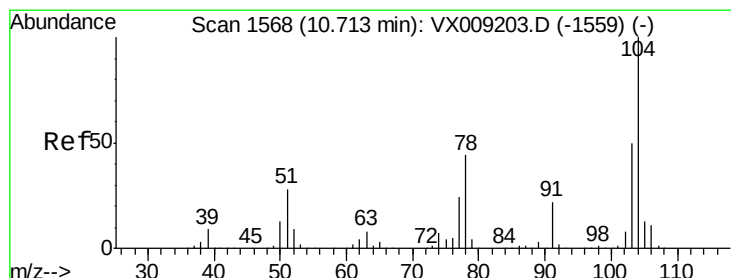
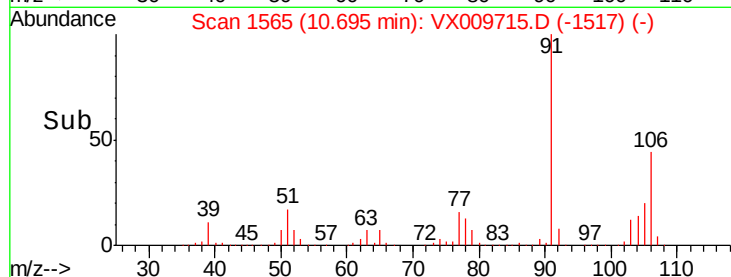
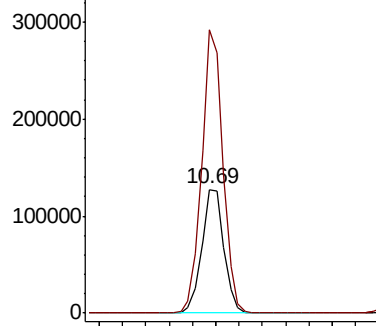
#69
o-Xylene
Concen: 53.318 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 167959
Ion Ratio Lower Upper
106 100
91 219.9 109.5 328.4

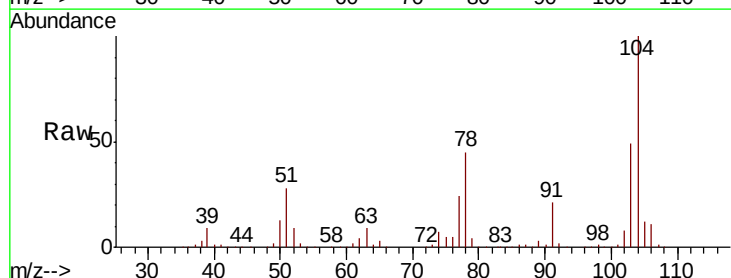


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

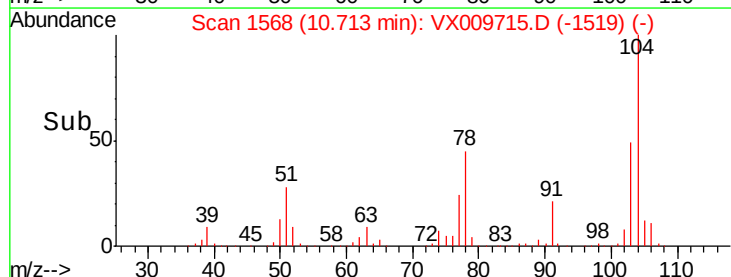
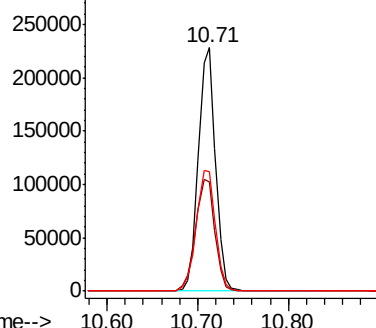


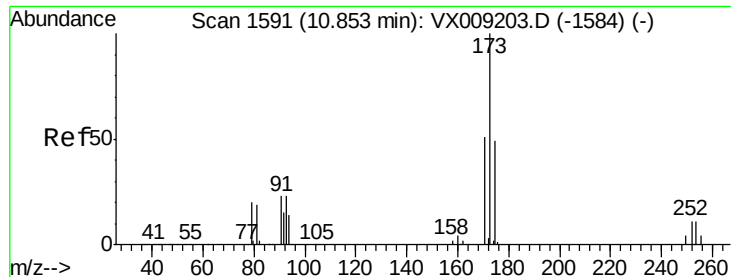
#70
Styrene
Concen: 54.594 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion:104 Resp: 298907
Ion Ratio Lower Upper
104 100
78 52.3 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: 58.113 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

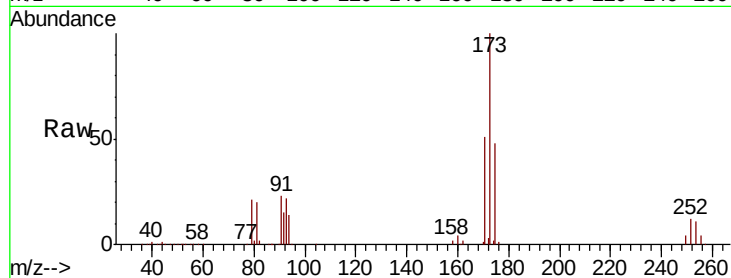
Tgt Ion:173 Resp: 81280

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

254 0.1 0.1 0.1

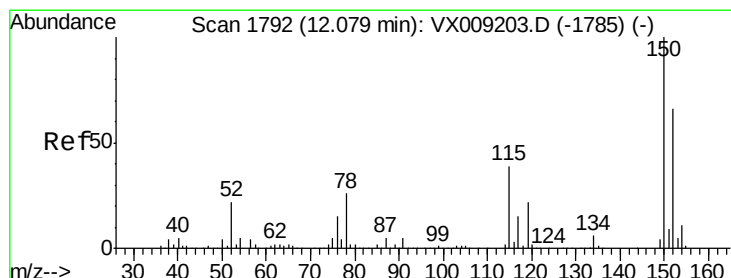
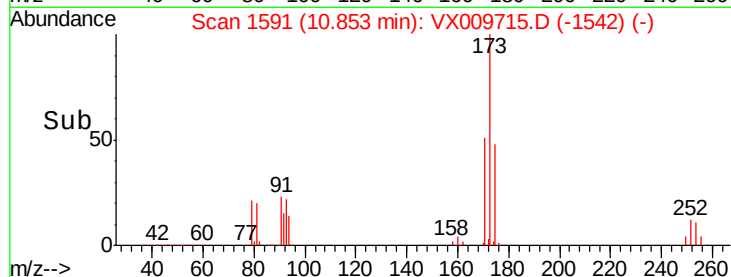
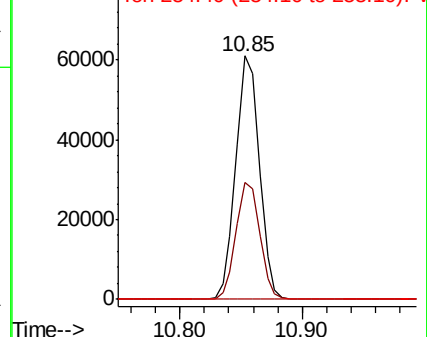


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

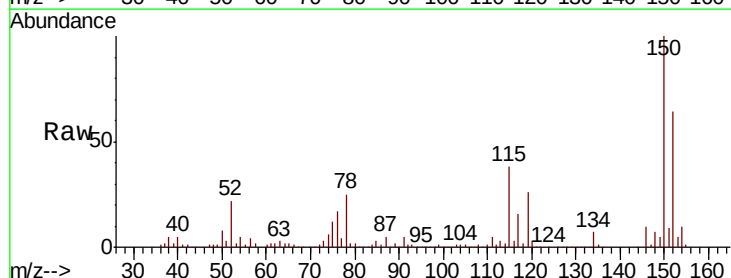
Tgt Ion:152 Resp: 121180

Ion Ratio Lower Upper

152 100

115 83.8 41.2 123.6

150 171.7 0.0 346.4

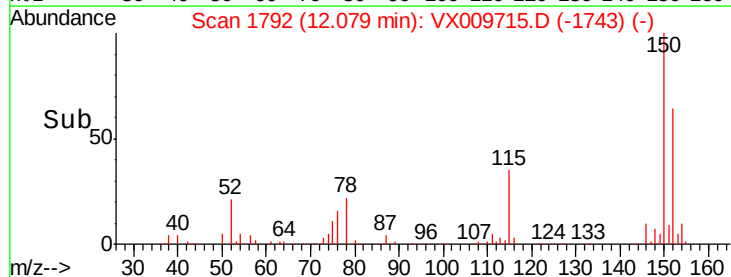
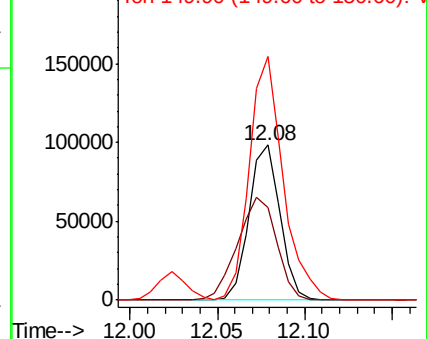


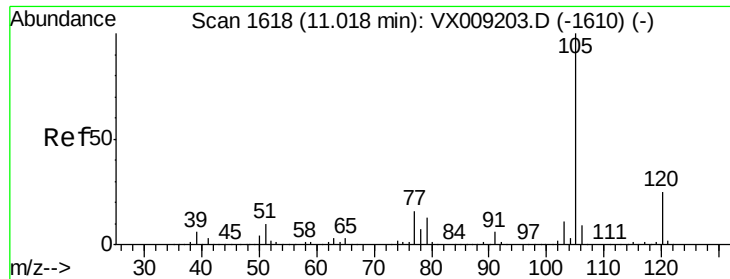
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

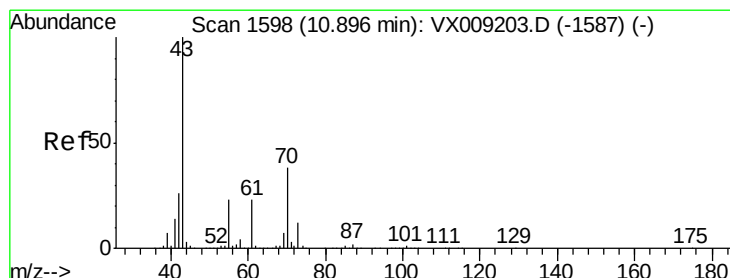
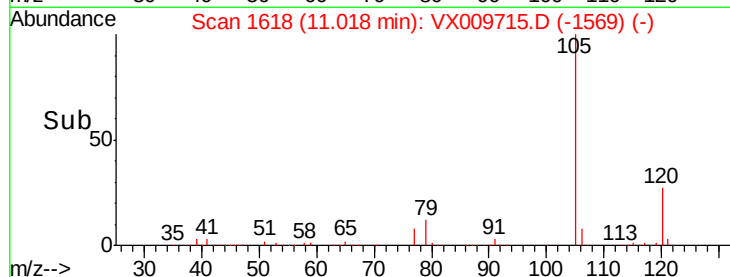
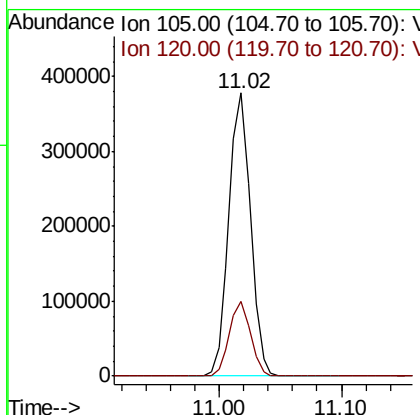
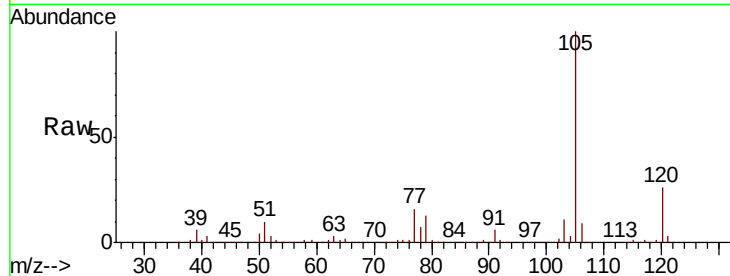




#73
Isopropylbenzene
Concen: 52.569 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

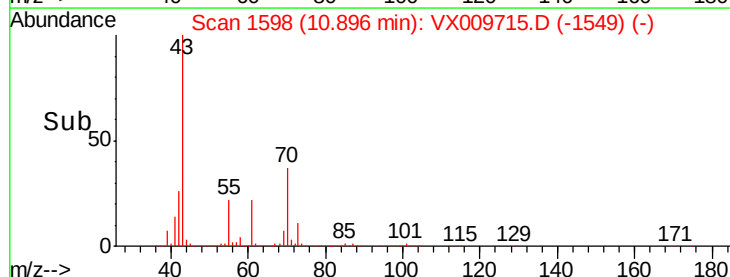
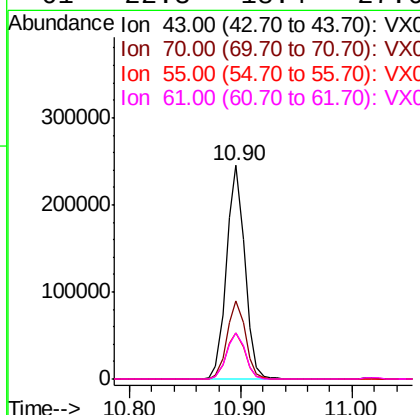
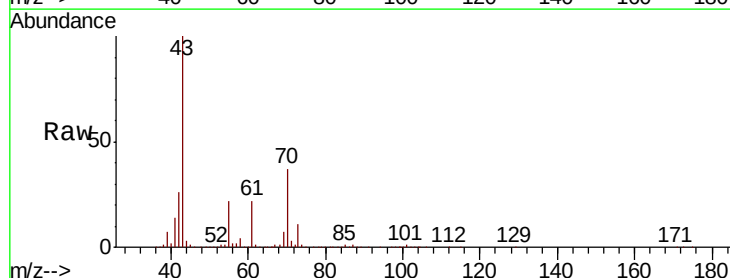
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

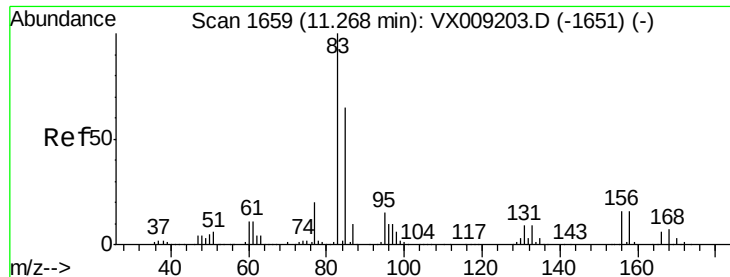
Tgt Ion: 105 Resp: 463243
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3



#74
N-ethyl acetate
Concen: 53.988 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion: 43 Resp: 277363
Ion Ratio Lower Upper
43 100
70 37.2 30.0 45.0
55 22.4 17.9 26.9
61 22.3 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.147 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

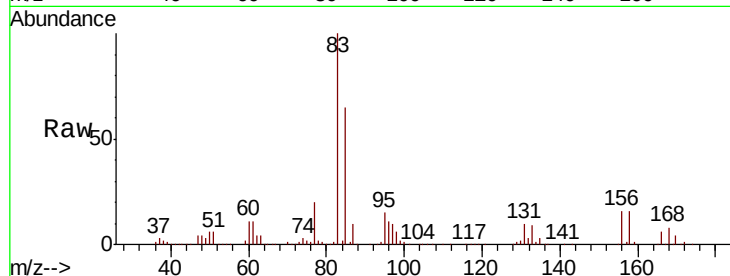
Tgt Ion: 83 Resp: 171303

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

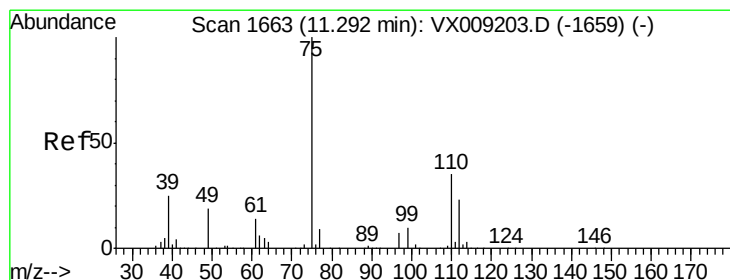
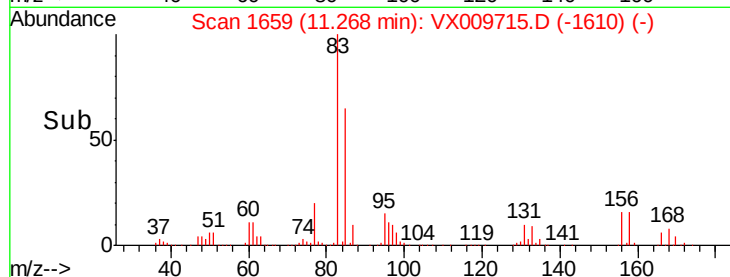
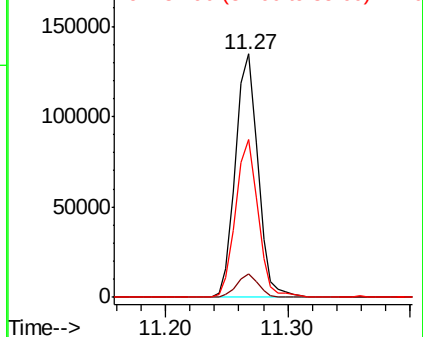
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 74.403 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009715.D

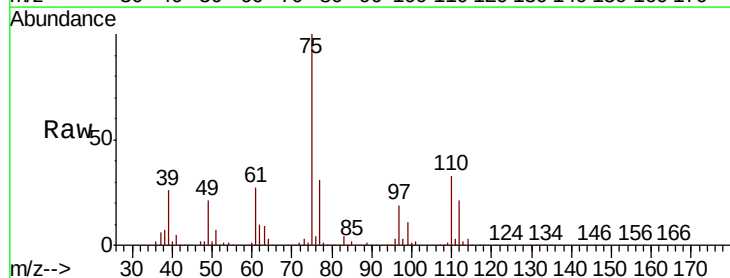
Acq: 20 May 2019 10:28

Tgt Ion: 75 Resp: 209142

Ion Ratio Lower Upper

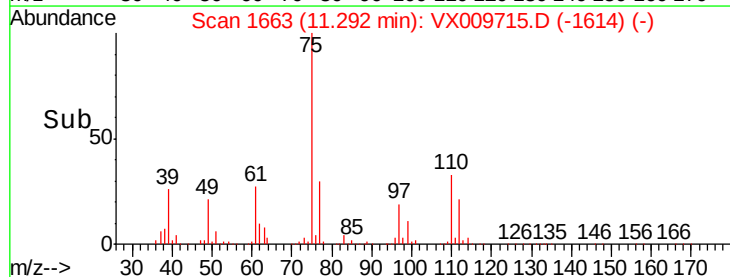
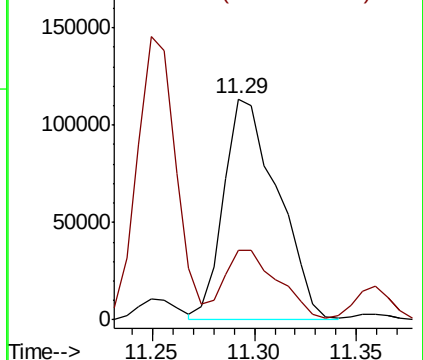
75 100

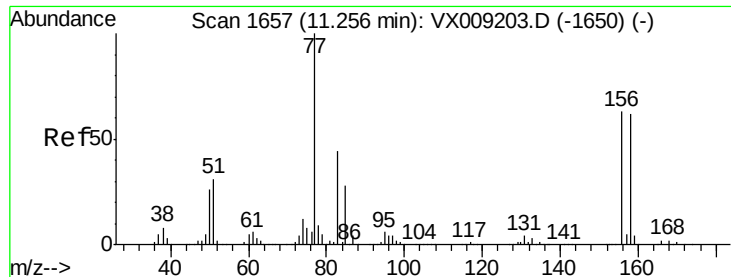
77 31.6 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.978 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

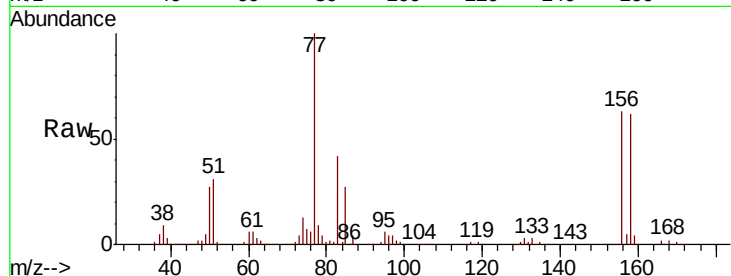
Tgt Ion:156 Resp: 113685

Ion Ratio Lower Upper

156 100

77 168.4 84.8 254.3

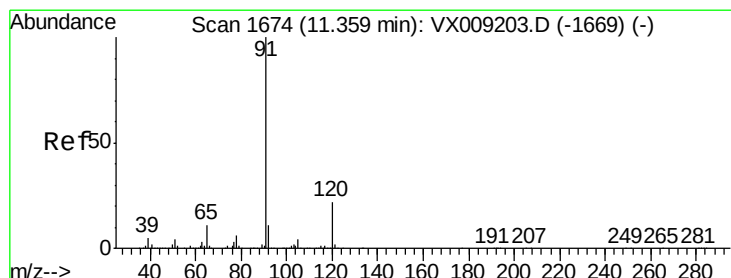
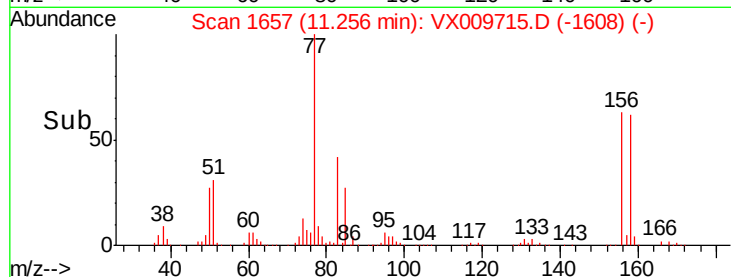
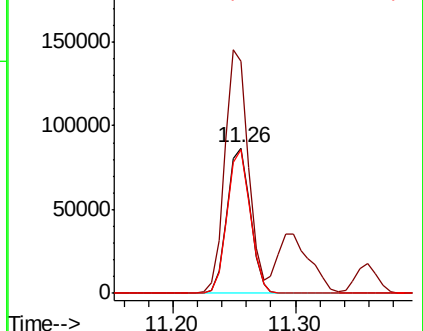
158 98.1 49.1 147.3



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: 53.444 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009715.D

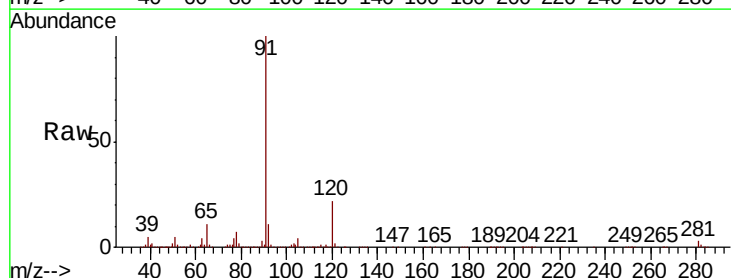
Acq: 20 May 2019 10:28

Tgt Ion: 91 Resp: 537852

Ion Ratio Lower Upper

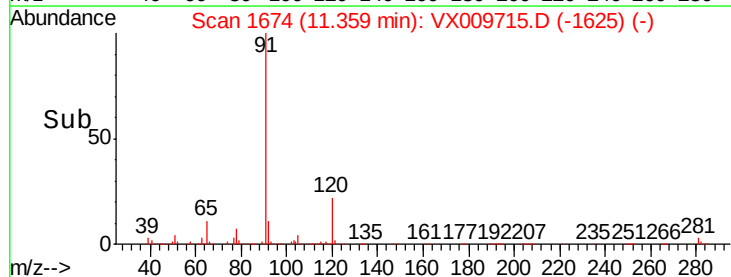
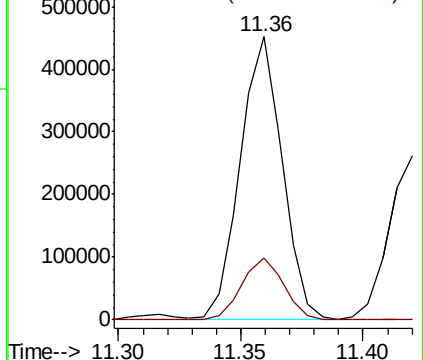
91 100

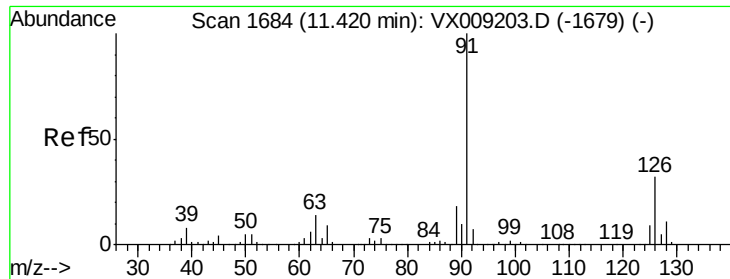
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

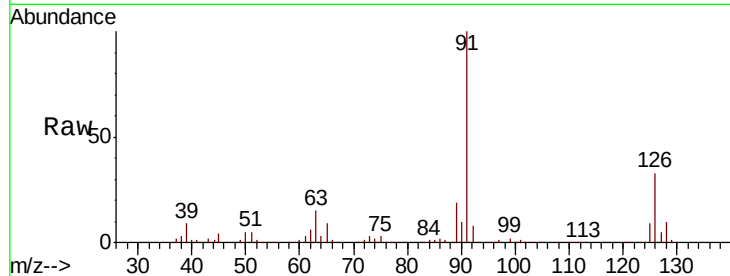




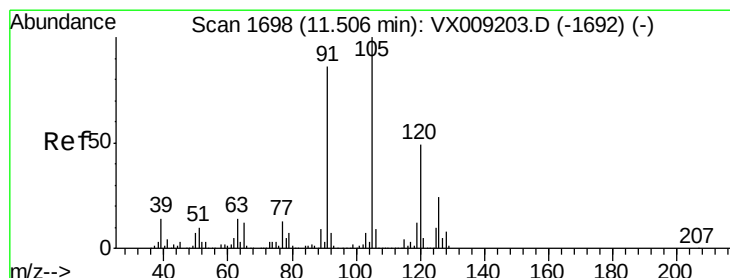
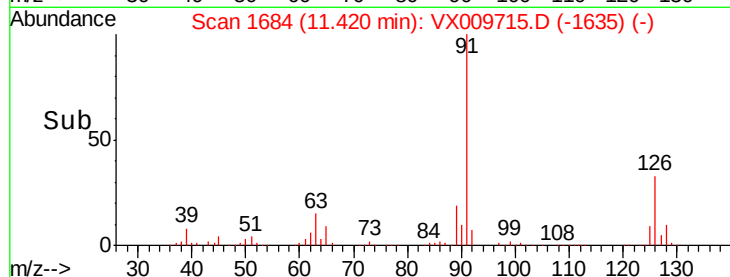
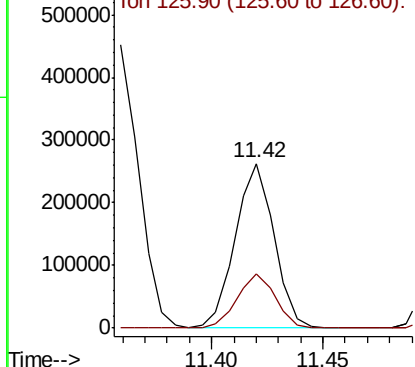
#79
 2-Chlorotoluene
 Concen: 51.160 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 317649
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.3 48.9

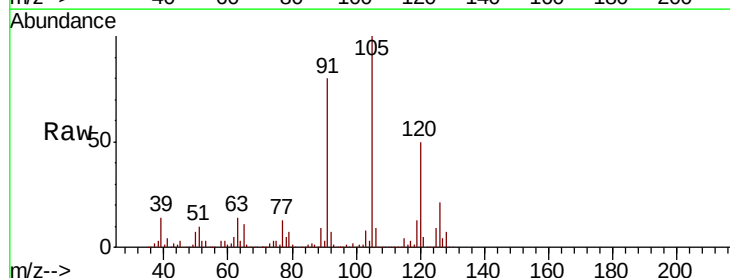


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

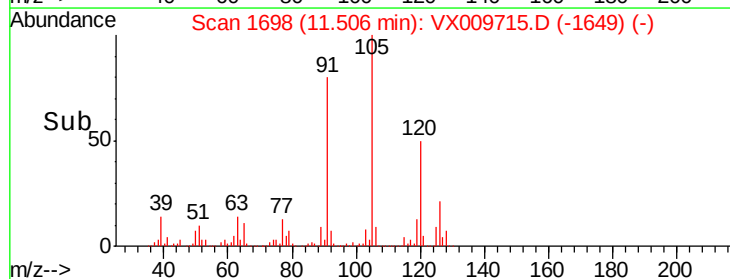
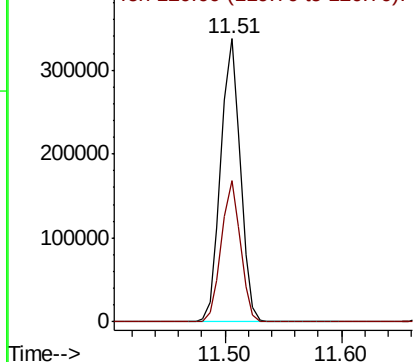


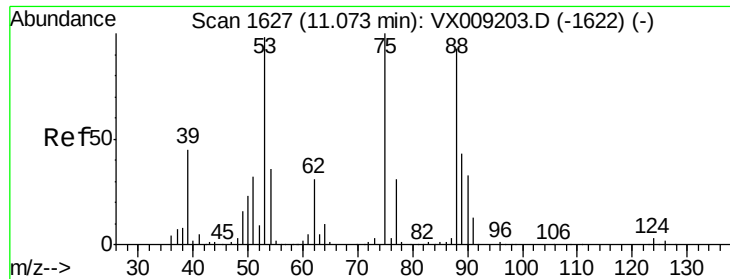
#80
 1,3,5-Trimethylbenzene
 Concen: 52.644 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion: 105 Resp: 390609
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 56.776 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

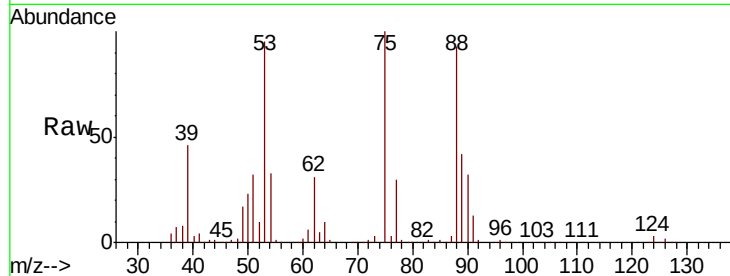
Tgt Ion: 75 Resp: 62374

Ion Ratio Lower Upper

75 100

53 98.1 79.0 118.6

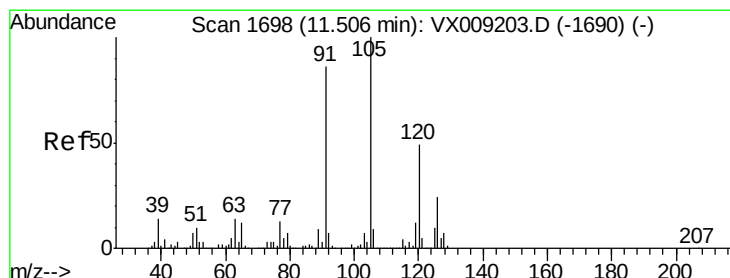
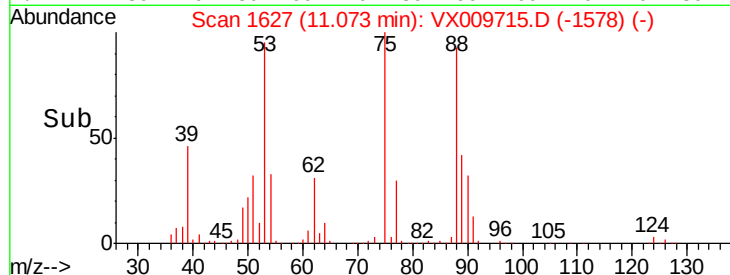
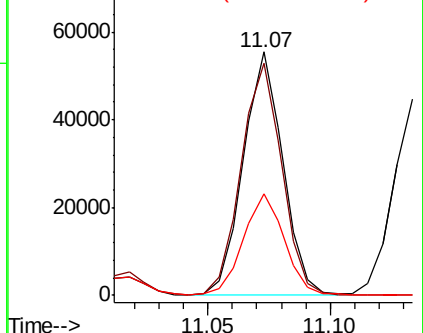
89 43.4 34.7 52.1



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: 52.198 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009715.D

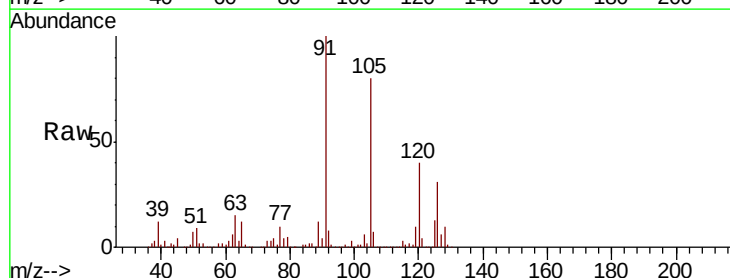
Acq: 20 May 2019 10:28

Tgt Ion: 91 Resp: 366131

Ion Ratio Lower Upper

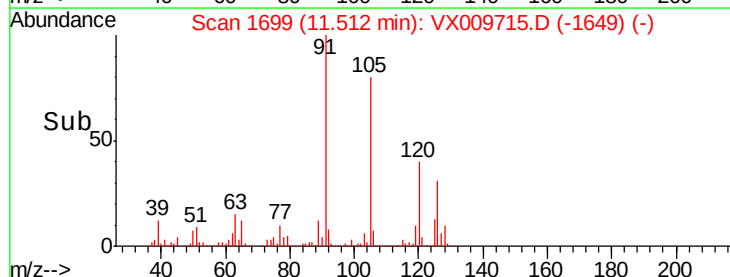
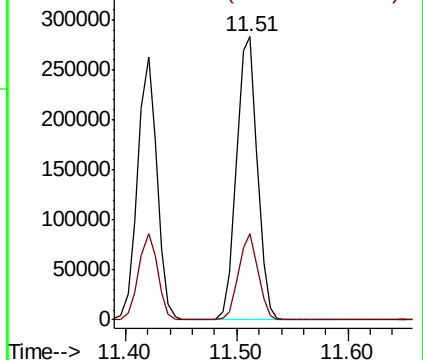
91 100

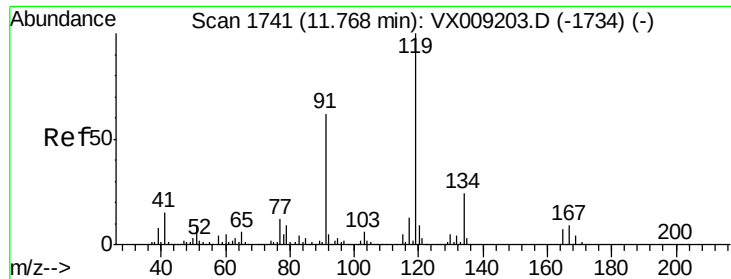
126 29.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

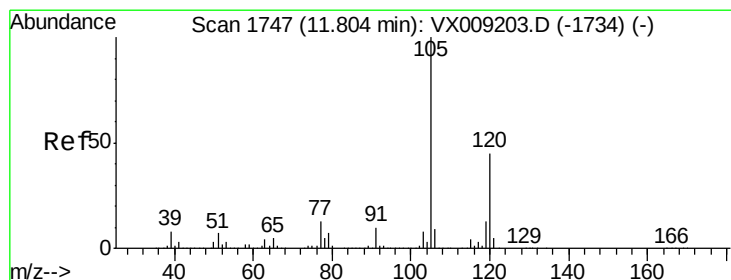
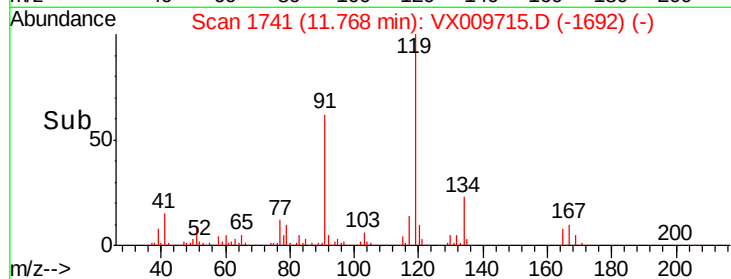
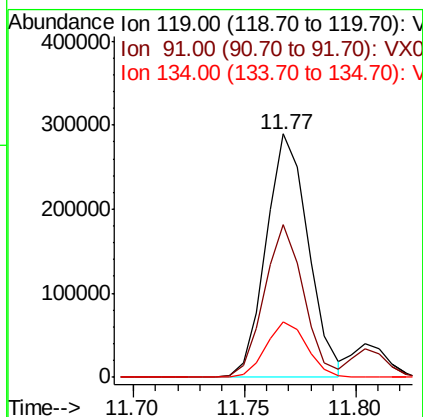
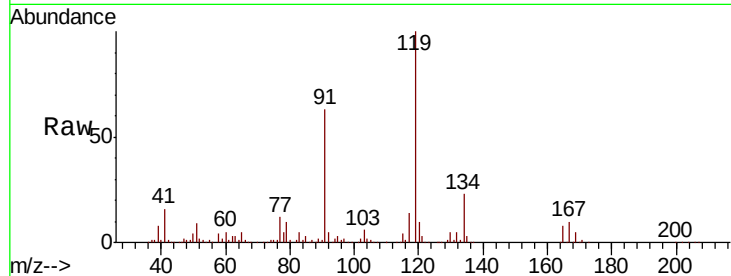




#83
 tert-Butylbenzene
 Concen: 52.658 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

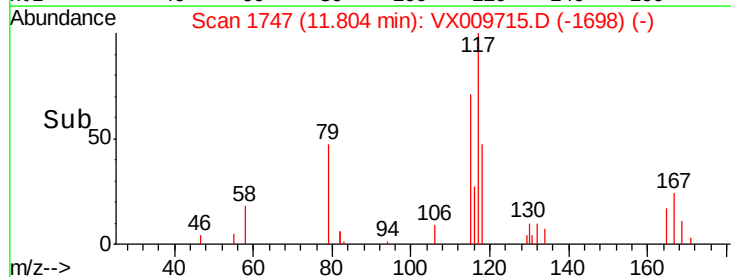
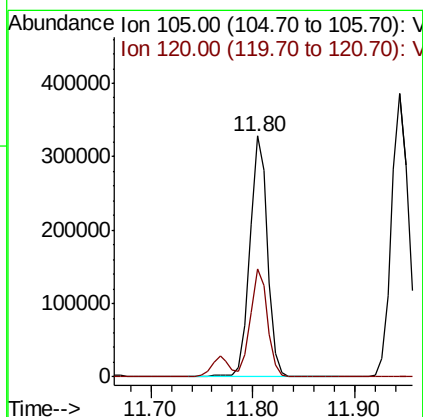
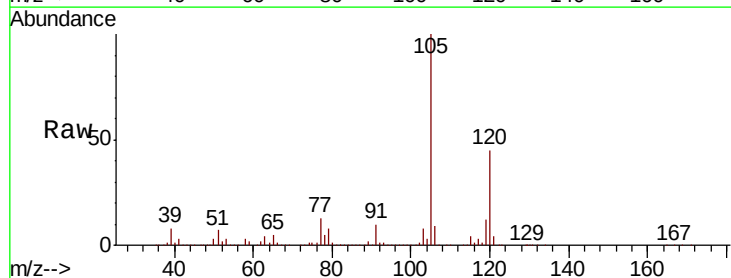
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

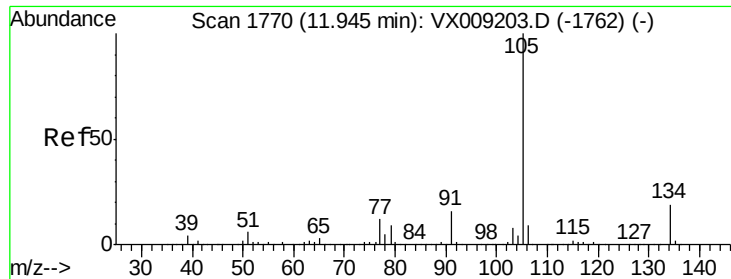
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.5	88.5
134	22.2	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.906 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.0	66.0

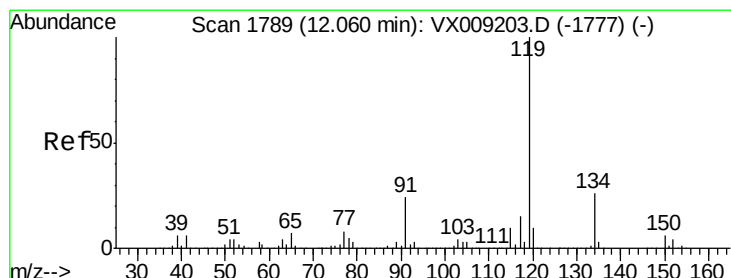
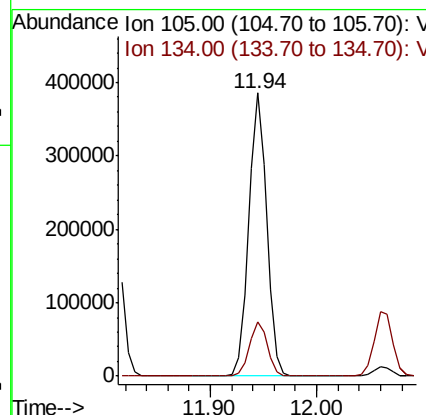
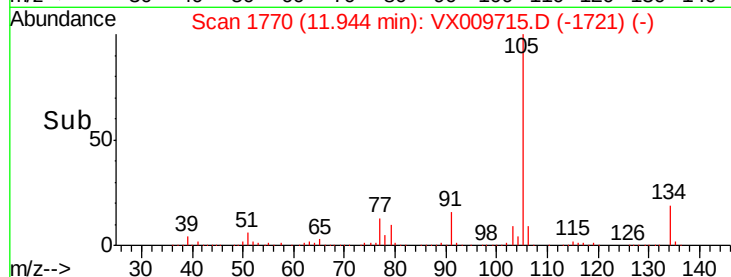
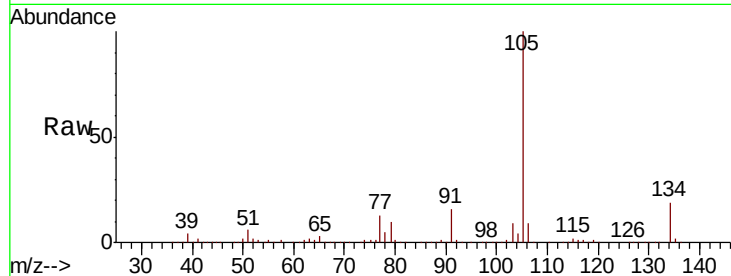




#85
 sec-Butylbenzene
 Concen: 53.433 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

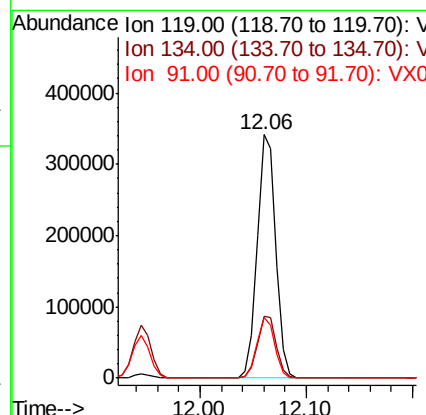
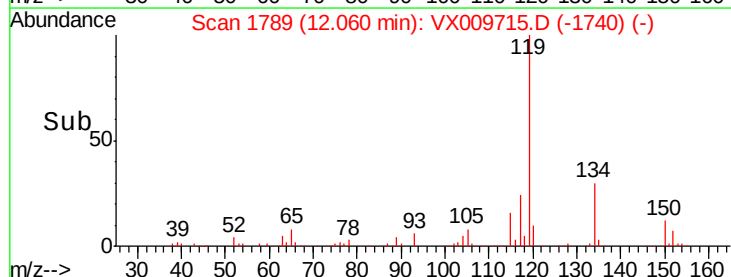
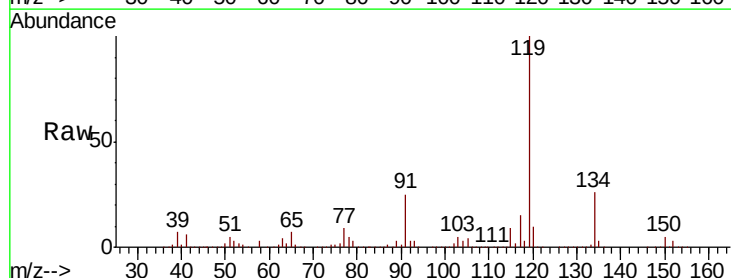
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

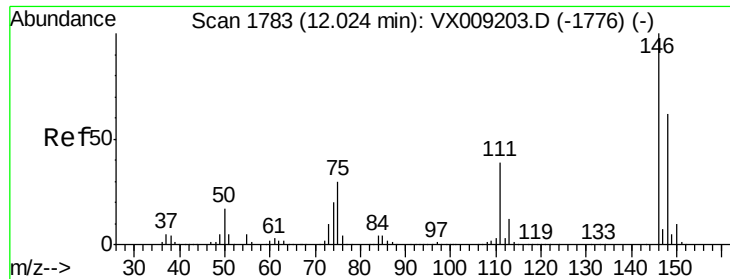
Tgt Ion:105 Resp: 457248
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 54.273 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion:119 Resp: 417524
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.0 11.8 35.4

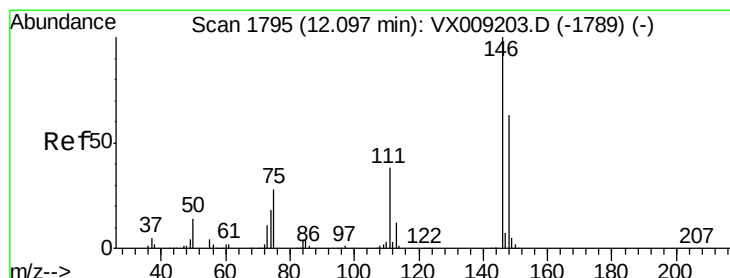
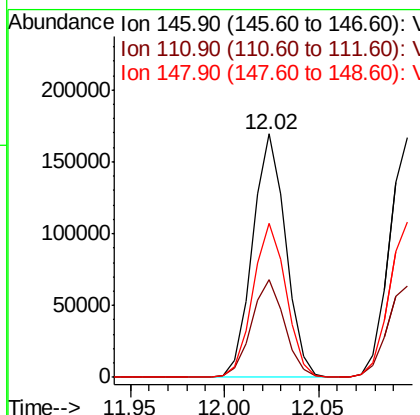
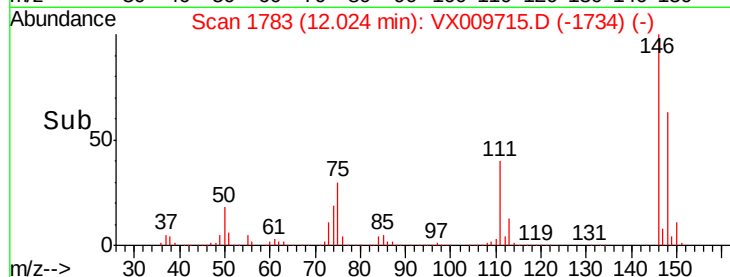
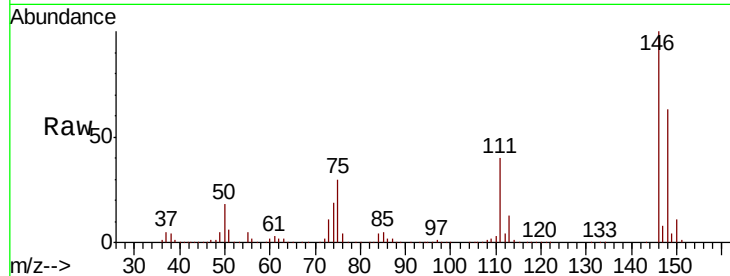




#87
 1,3-Dichlorobenzene
 Concen: 52.883 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

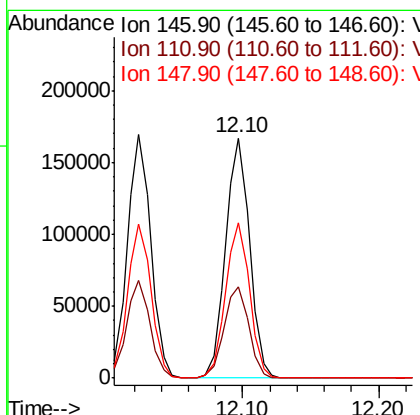
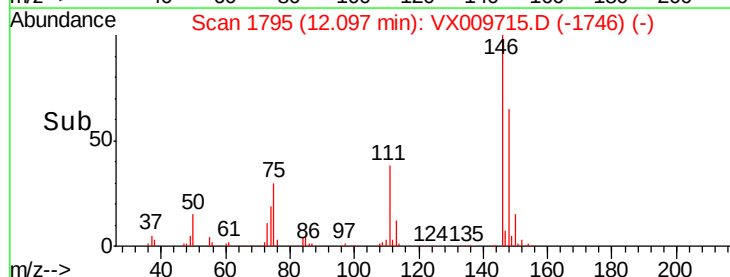
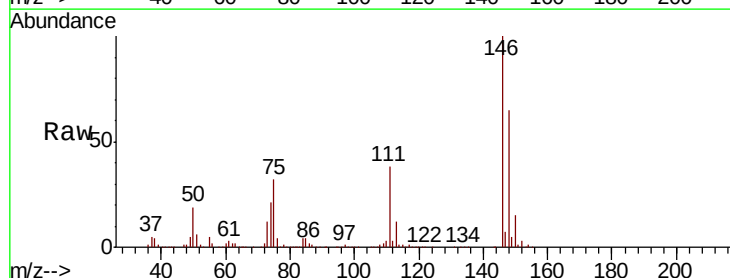
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

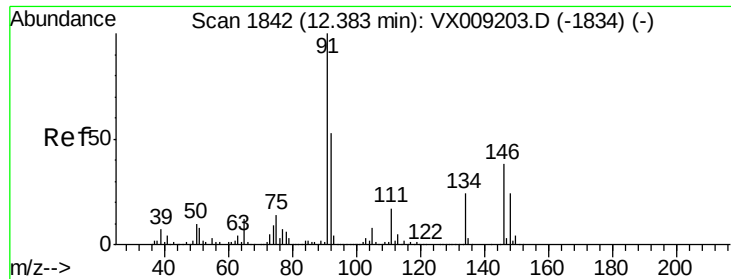
Tgt Ion:146 Resp: 206196
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 59.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.960 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion:146 Resp: 204255
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.8
 148 64.7 31.8 95.3





#89

n-Butylbenzene

Concen: 56.518 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009715.D

Acq: 20 May 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

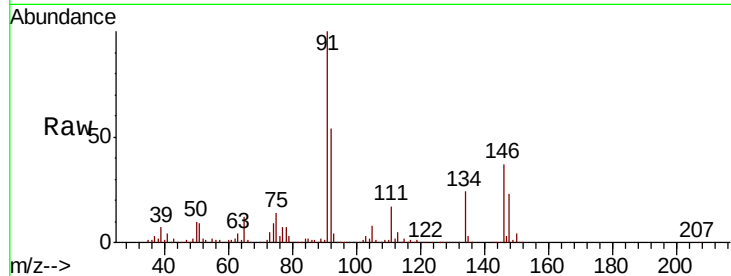
Tgt Ion: 91 Resp: 392981

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

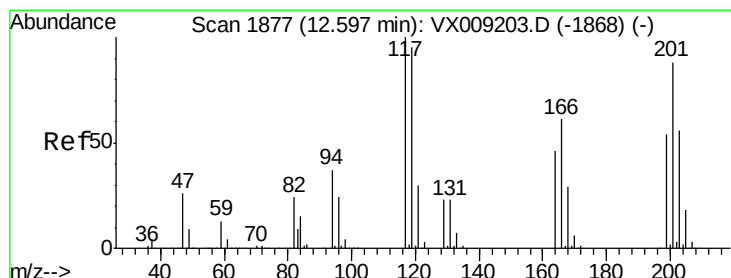
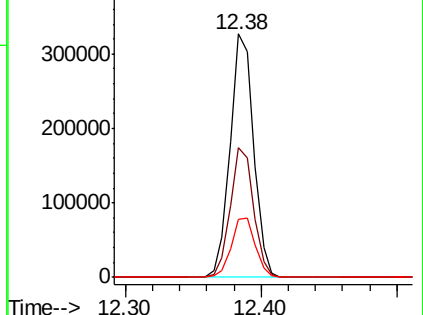
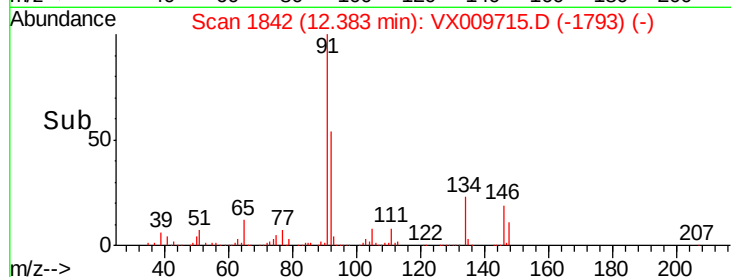
134 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX009715.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX009715.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX009715.D (-1793) (-)



#90

Hexachloroethane

Concen: 55.106 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009715.D

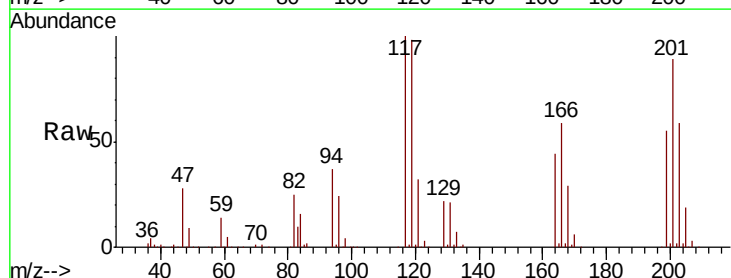
Acq: 20 May 2019 10:28

Tgt Ion: 117 Resp: 72224

Ion Ratio Lower Upper

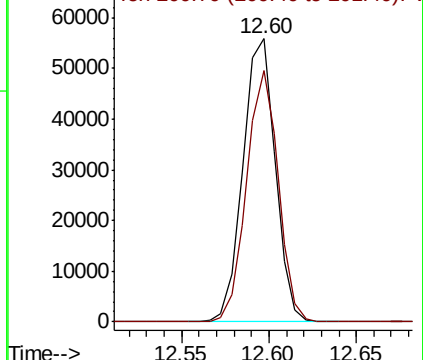
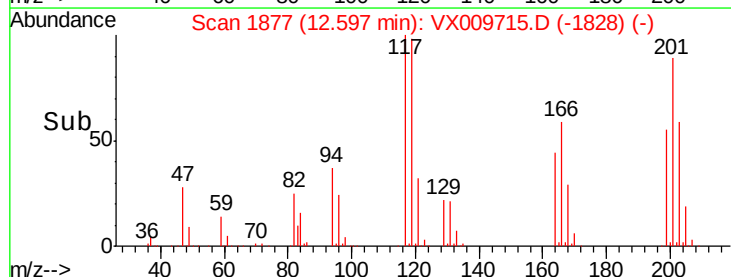
117 100

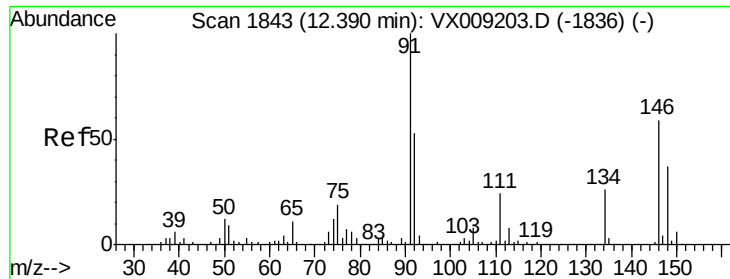
201 86.8 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): VX009715.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX009715.D (-1828) (-)

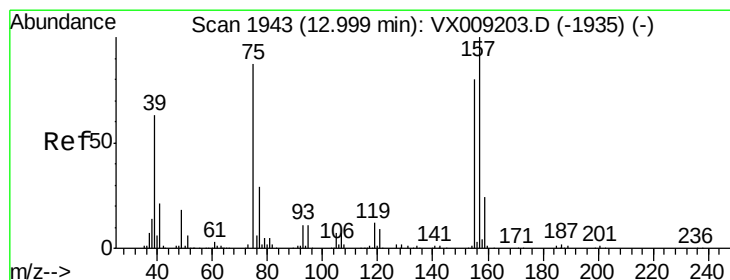
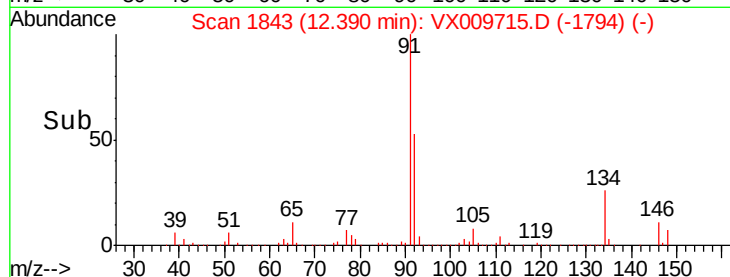
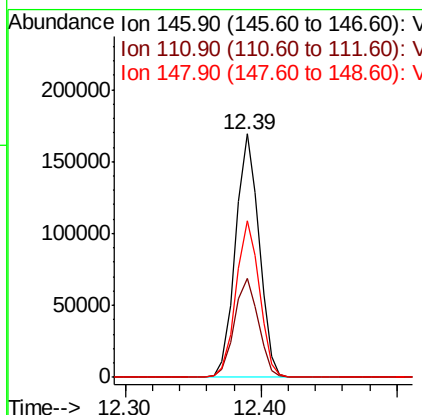
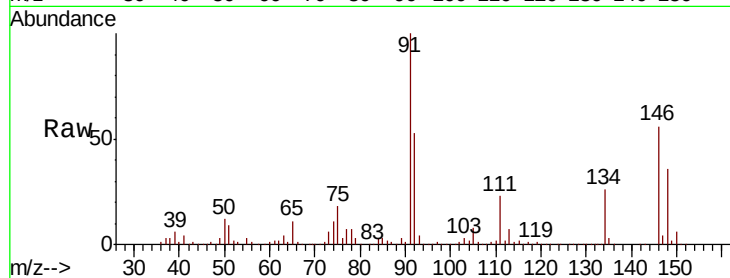




#91
 1,2-Dichlorobenzene
 Concen: 51.405 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

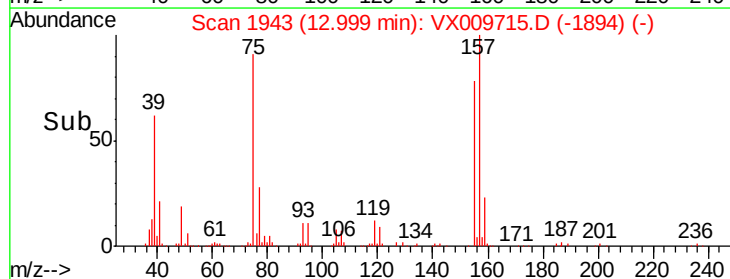
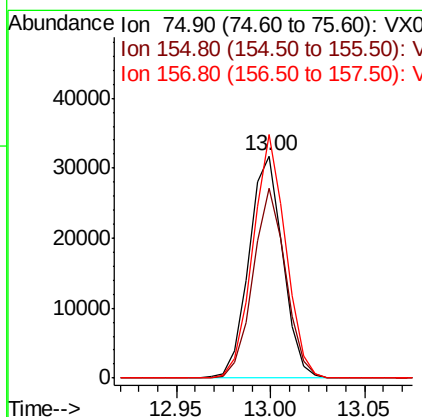
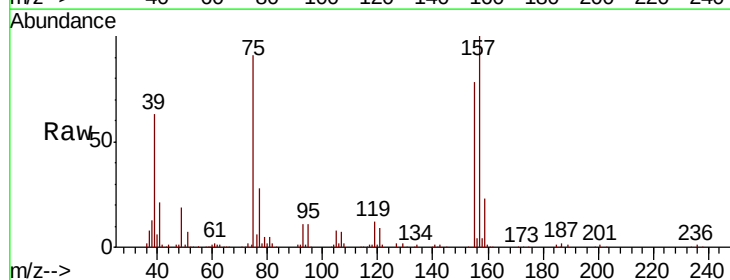
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

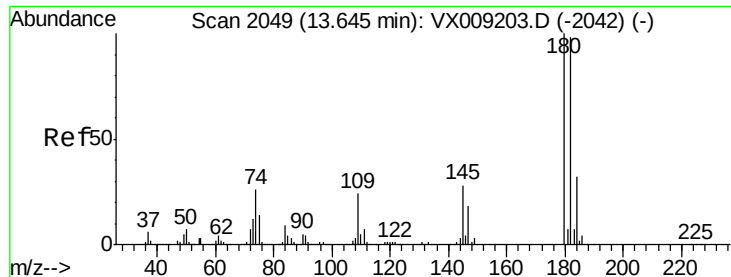
Tgt Ion:146 Resp: 204148
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.4
 148 64.0 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.767 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion: 75 Resp: 39622
 Ion Ratio Lower Upper
 75 100
 155 82.5 42.0 126.0
 157 105.5 53.2 159.6

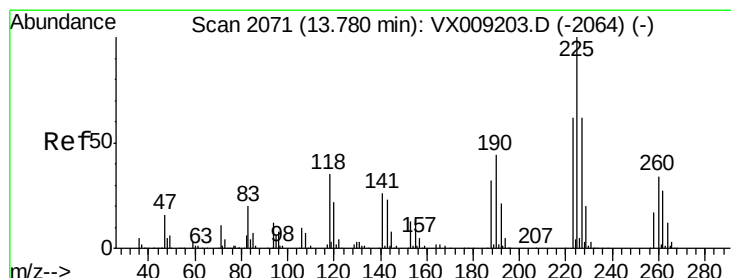
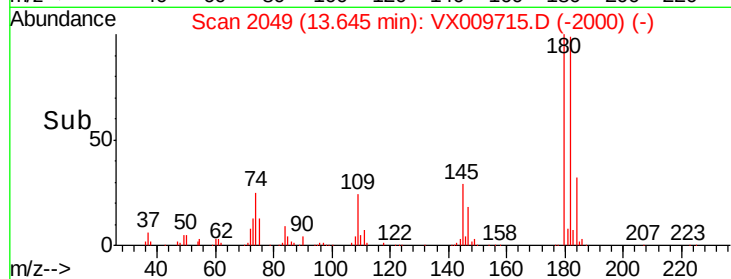
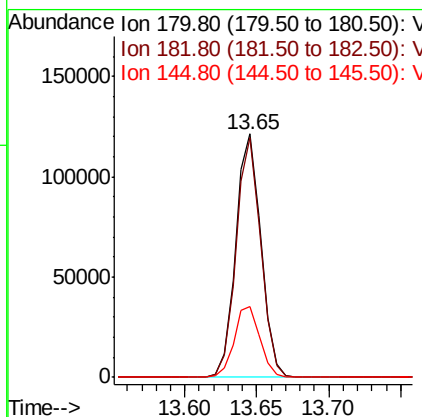
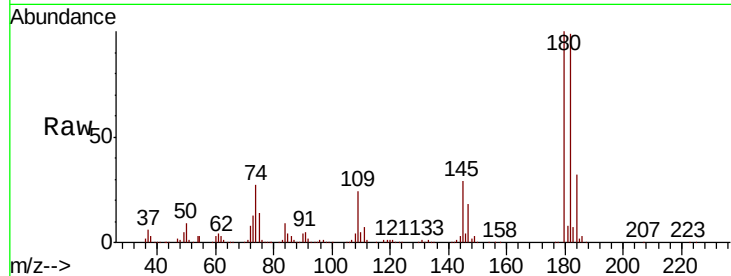




#93
 1,2,4-Trichlorobenzene
 Concen: 54.552 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

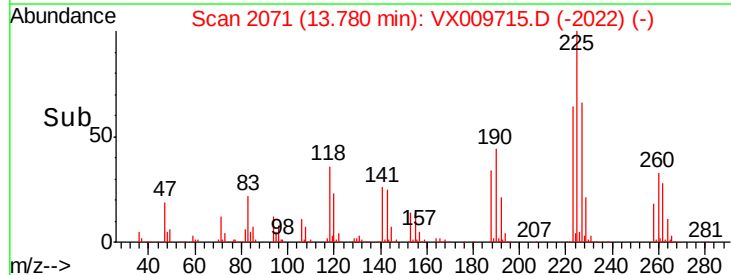
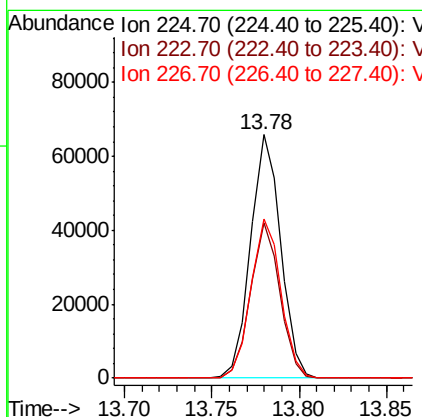
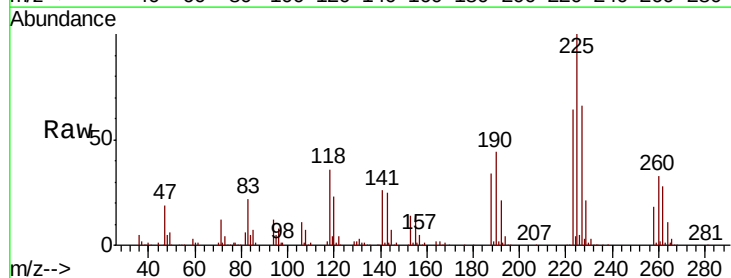
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

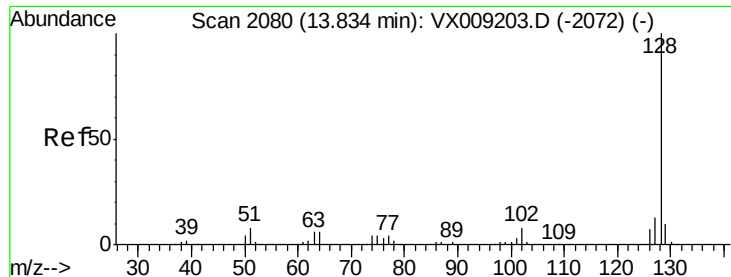
Tgt Ion:180 Resp: 148151
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.4 145.2
 145 29.5 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 56.734 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009715.D
 Acq: 20 May 2019 10:28

Tgt Ion:225 Resp: 78681
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.8
 227 65.2 31.8 95.3

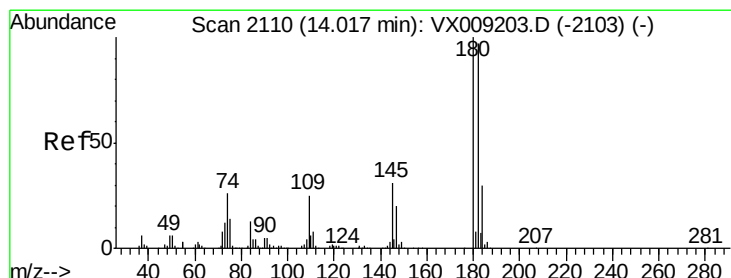
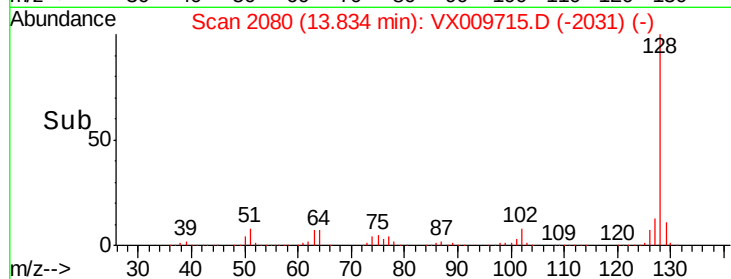
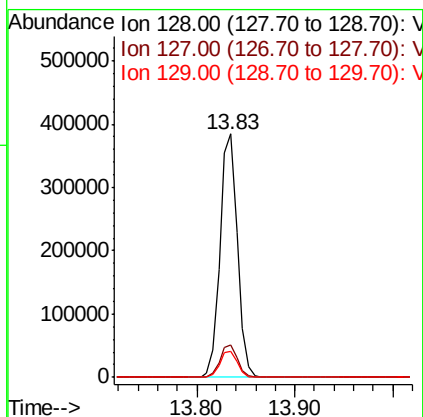
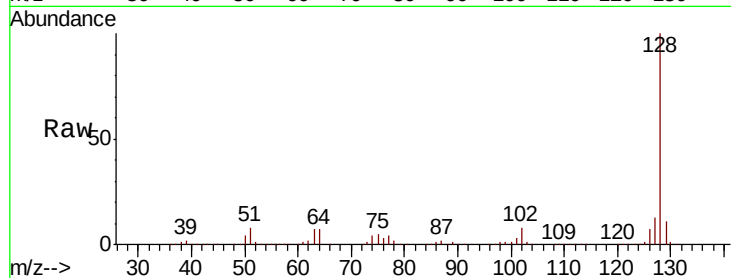




#95
Naphthalene
Concen: 53.304 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 470967
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.246 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009715.D
Acq: 20 May 2019 10:28

Tgt Ion:180 Resp: 149332
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.4
145 30.6 15.4 46.4

