

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030719\
 Data File : VX007898.D
 Acq On : 07 Mar 2019 22:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 08 04:47:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141340	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	5.50	113	126192	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	465569	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	164417	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	112664	48.326	ug/l	99
3) Chloromethane	1.33	50	143456	47.749	ug/l	99
4) Vinyl Chloride	1.41	62	149014	49.917	ug/l	99
5) Bromomethane	1.64	94	70350	50.223	ug/l	99
6) Chloroethane	1.72	64	104130	52.507	ug/l	99
7) Trichlorofluoromethane	1.93	101	193599	49.811	ug/l	97
8) Diethyl Ether	2.19	74	85860	51.015	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116639	48.427	ug/l	99
10) Methyl Iodide	2.51	142	182618	53.446	ug/l	100
11) Tert butyl alcohol	3.07	59	160844	249.856	ug/l	100
12) 1,1-Dichloroethene	2.37	96	115389	49.701	ug/l	99
13) Acrolein	2.30	56	67239	184.973	ug/l	99
14) Allyl chloride	2.73	41	241124	49.425	ug/l	99
15) Acrylonitrile	3.15	53	401626	247.172	ug/l	100
16) Acetone	2.45	43	333300	200.043	ug/l	99
17) Carbon Disulfide	2.57	76	360014	51.074	ug/l	100
18) Methyl Acetate	2.78	43	184158	52.027	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	409024	51.211	ug/l	100
20) Methylene Chloride	2.86	84	129874	48.978	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	123883	48.495	ug/l	99
22) Diisopropyl ether	3.87	45	453369	50.696	ug/l	99
23) Vinyl Acetate	3.82	43	1981284	252.643	ug/l	100
24) 1,1-Dichloroethane	3.70	63	243400	50.576	ug/l	99
25) 2-Butanone	4.70	43	549939	233.141	ug/l	100
26) 2,2-Dichloropropane	4.59	77	141527	44.388	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	145940	49.925	ug/l	98
28) Bromochloromethane	5.02	49	111749	49.807	ug/l	100
29) Tetrahydrofuran	5.15	42	370547	251.841	ug/l	100
30) Chloroform	5.21	83	231524	50.857	ug/l	100
31) Cyclohexane	5.57	56	221090	49.985	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	194378	51.461	ug/l	99
36) 1,1-Dichloropropene	5.80	75	176190	48.158	ug/l	100
37) Ethyl Acetate	4.85	43	208470	48.016	ug/l	100
38) Carbon Tetrachloride	5.78	117	173229	49.873	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212883	48.020	ug/l	99
40) Benzene	6.14	78	540482	49.622	ug/l	100
41) Methacrylonitrile	5.06	41	117266	49.540	ug/l	99
42) 1,2-Dichloroethane	6.20	62	175608	49.300	ug/l	100
43) Isopropyl Acetate	6.46	43	322711	50.224	ug/l	100
44) Trichloroethene	7.21	130	146010	48.644	ug/l	100
45) 1,2-Dichloropropane	7.52	63	145239	50.487	ug/l	98
46) Dibromomethane	7.66	93	90179	49.534	ug/l	100
47) Bromodichloromethane	7.90	83	175253	50.773	ug/l	100
48) Methyl methacrylate	7.77	41	168227	49.797	ug/l	99
49) 1,4-Dioxane	7.75	88	67670	975.113	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1035422	250.570	ug/l	100
52) Toluene	8.79	92	330477	49.698	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	186533	51.776	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	209911	51.596	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	135869	50.473	ug/l	99
56) Ethyl methacrylate	9.18	69	210651	52.119	ug/l	99
57) 1,3-Dichloropropane	9.37	76	225690	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	532570	254.732	ug/l	100
59) 2-Hexanone	9.49	43	773504	241.102	ug/l	100
60) Dibromochloromethane	9.59	129	147722	52.502	ug/l	100
61) 1,2-Dibromoethane	9.67	107	143543	50.224	ug/l	100
64) Tetrachloroethene	9.34	164	140727	48.344	ug/l	98
65) Chlorobenzene	10.14	112	360346	49.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	135286	51.352	ug/l	99
67) Ethyl Benzene	10.25	91	611873	50.568	ug/l	99
68) m/p-Xylenes	10.36	106	472372	101.282	ug/l	100
69) o-Xylene	10.69	106	228379	50.720	ug/l	100
70) Styrene	10.71	104	378363	51.351	ug/l	100
71) Bromoform	10.85	173	116020	51.282	ug/l #	99
73) Isopropylbenzene	11.02	105	610921	50.949	ug/l	100
74) N-amyl acetate	10.90	43	276122	50.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200177	48.398	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	229926	61.801	ug/l	91
77) Bromobenzene	11.26	156	161733	49.197	ug/l	99
78) n-propylbenzene	11.36	91	680393	51.148	ug/l	100
79) 2-Chlorotoluene	11.42	91	404132	49.688	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	500465	50.710	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57986	49.820	ug/l	99
82) 4-Chlorotoluene	11.51	91	465953	49.990	ug/l	100
83) tert-Butylbenzene	11.77	119	497149	50.010	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	515583	50.962	ug/l	100
85) sec-Butylbenzene	11.94	105	606262	51.781	ug/l	99
86) p-Isopropyltoluene	12.06	119	542287	51.718	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	285005	49.004	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	282720	47.467	ug/l	99
89) n-Butylbenzene	12.38	91	454546	51.168	ug/l	100
90) Hexachloroethane	12.60	117	90453	51.595	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	282187	48.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42044	48.639	ug/l	97

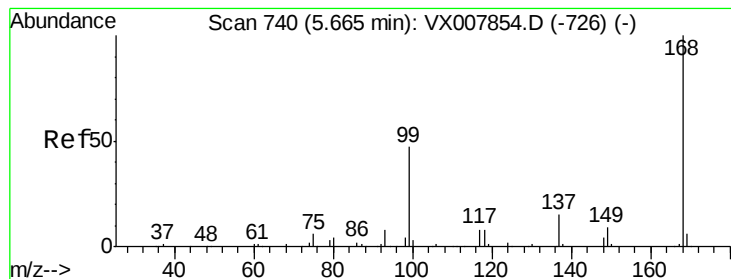
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	200289	49.346	ug/l	100
94) Hexachlorobutadiene	13.78	225	105340	49.641	ug/l	99
95) Naphthalene	13.83	128	603171	51.576	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	203288	50.278	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

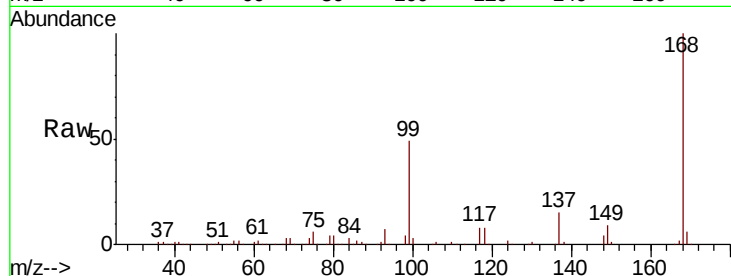
VSTDCCC050

Tgt Ion:168 Resp: 272876

Ion Ratio Lower Upper

168 100

99 48.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX007854.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX007854.D (-726) (-)

5.67

100000

80000

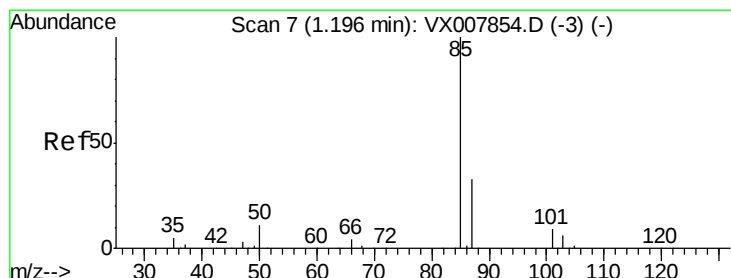
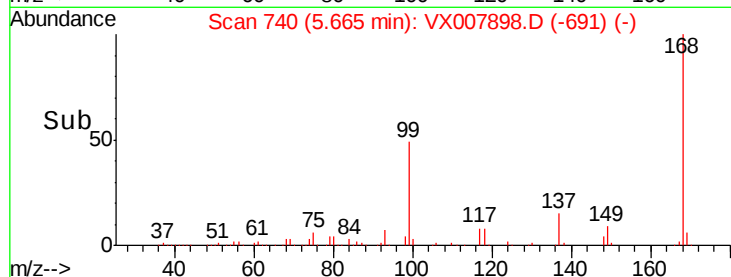
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.326 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007898.D

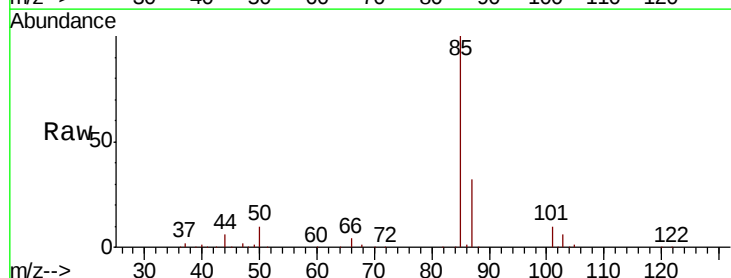
Acq: 07 Mar 2019 22:04

Tgt Ion: 85 Resp: 112664

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX007854.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX007854.D (-3) (-)

1.20

120000

100000

80000

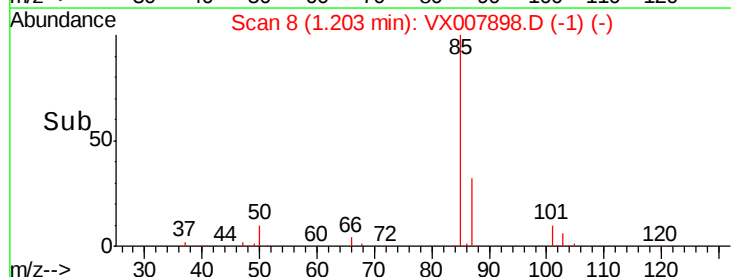
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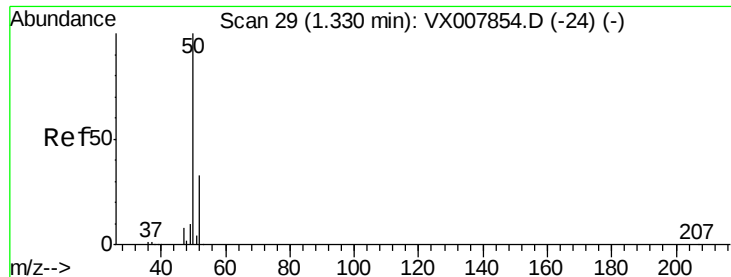
40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 47.749 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

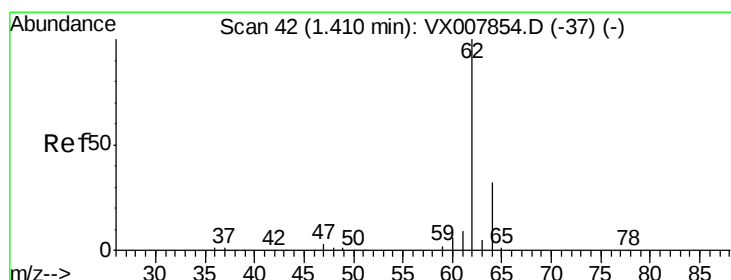
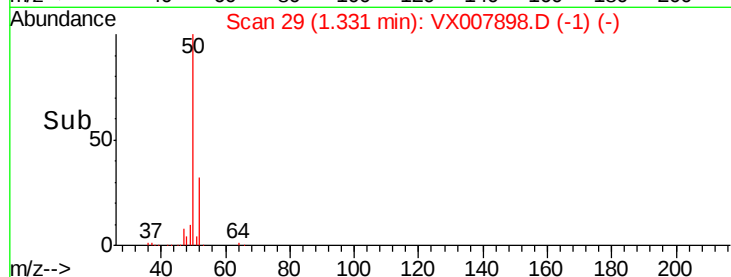
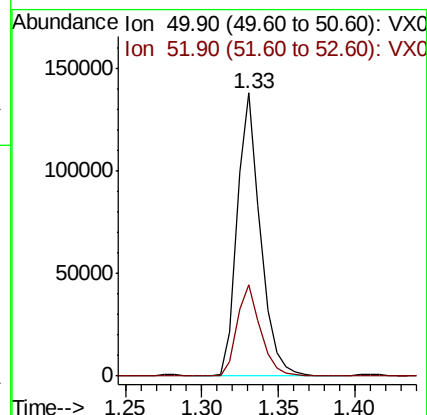
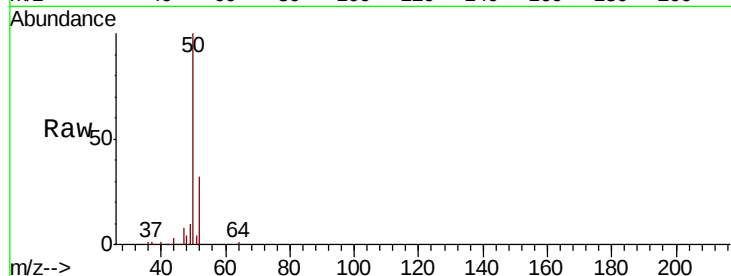
VSTDCCC050

Tgt Ion: 50 Resp: 143456

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 49.917 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007898.D

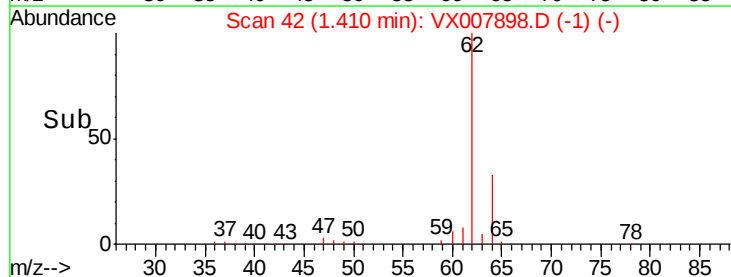
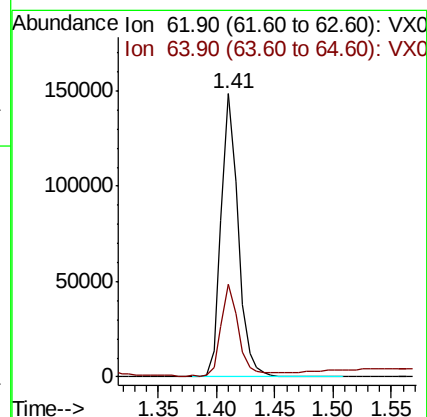
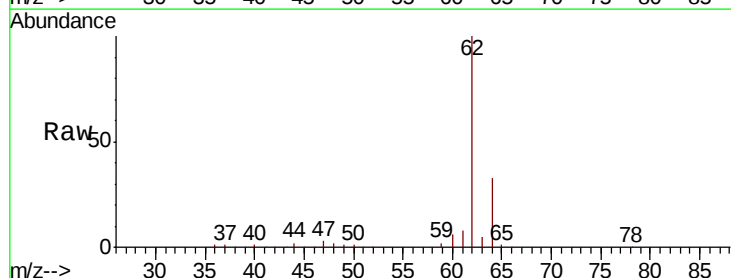
Acq: 07 Mar 2019 22:04

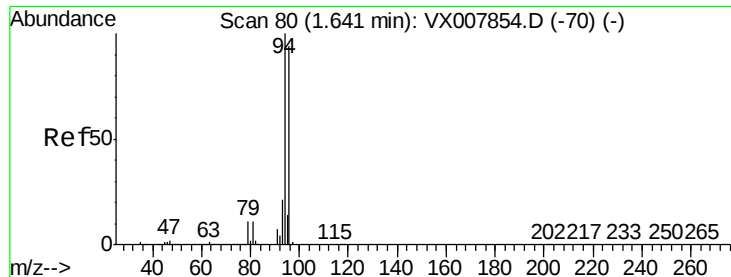
Tgt Ion: 62 Resp: 149014

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 50.223 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

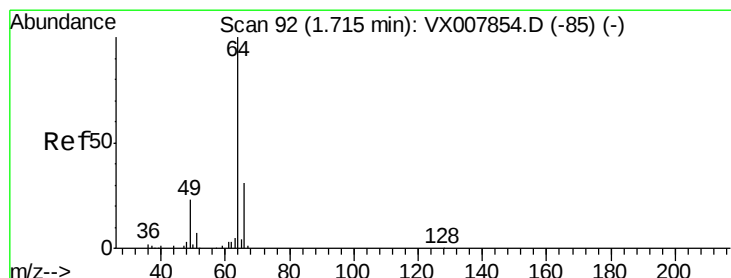
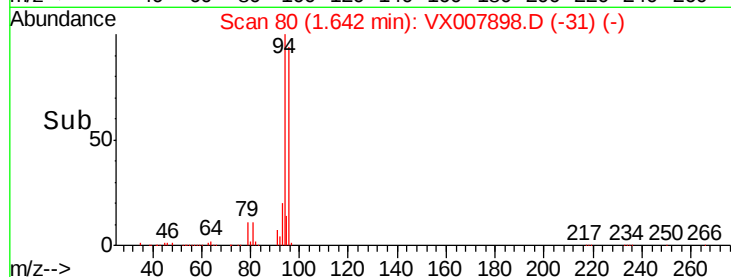
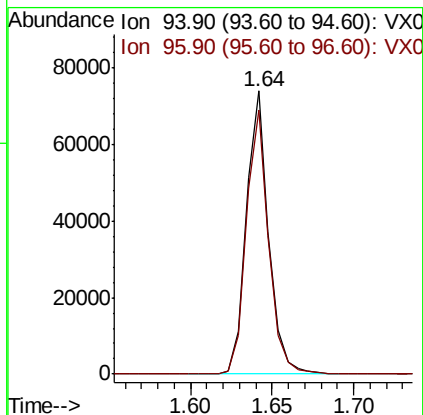
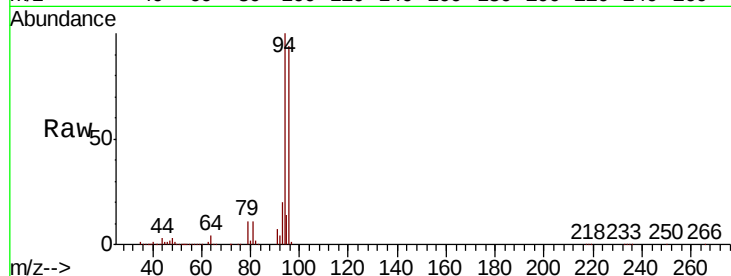
VSTDCCC050

Tgt Ion: 94 Resp: 70350

Ion Ratio Lower Upper

94 100

96 93.5 75.5 113.3



#6

Chloroethane

Concen: 52.507 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007898.D

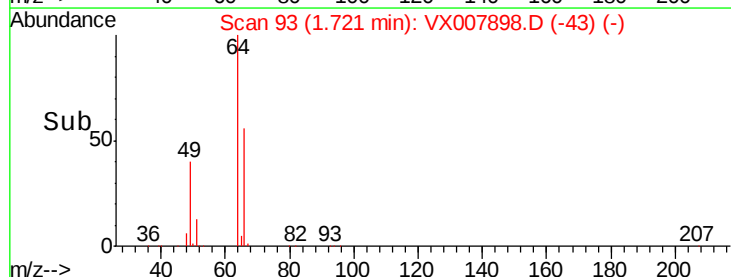
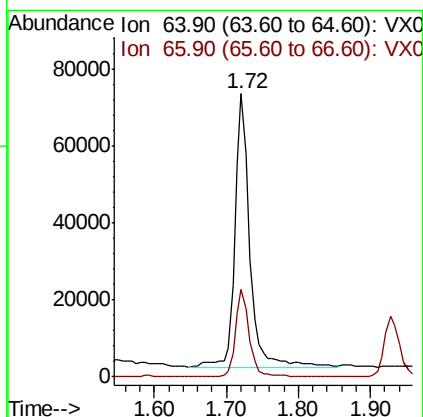
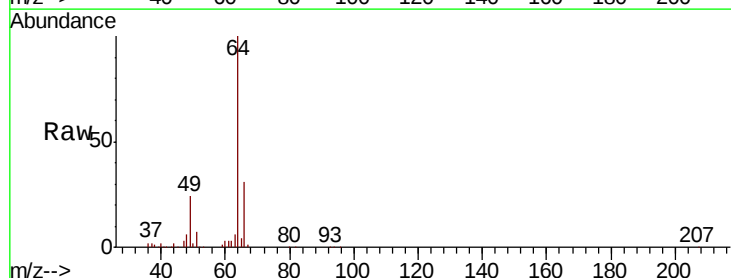
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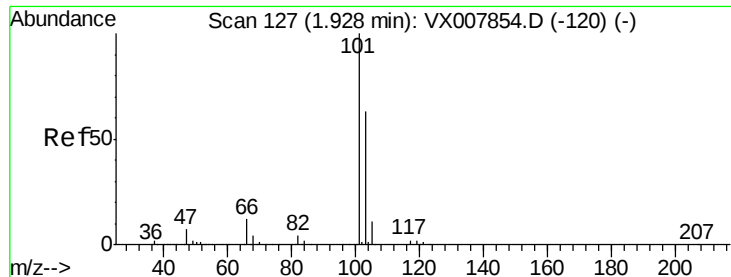
Tgt Ion: 64 Resp: 104130

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8



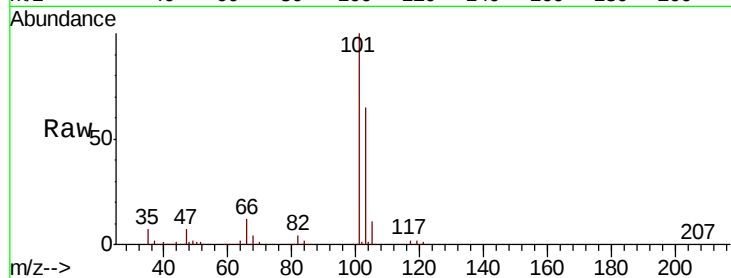


#7

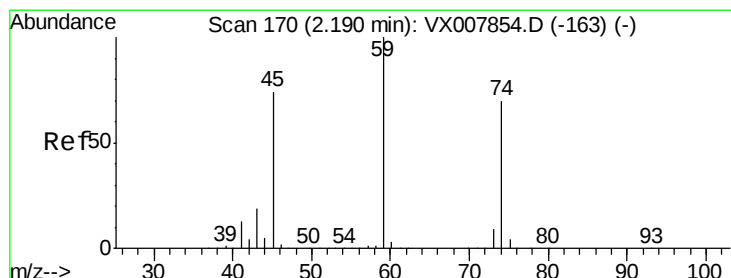
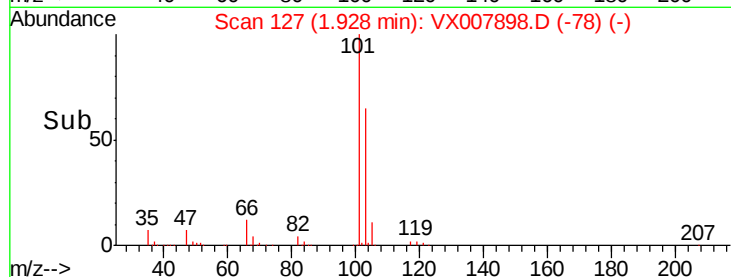
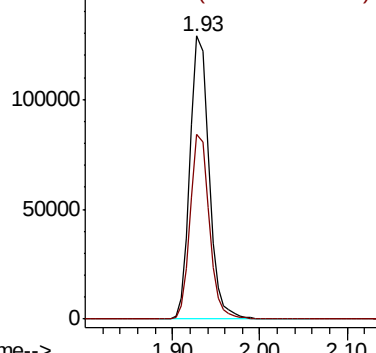
Trichlorofluoromethane
Concen: 49.811 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 193599
Ion Ratio Lower Upper
101 100
103 65.5 50.4 75.6



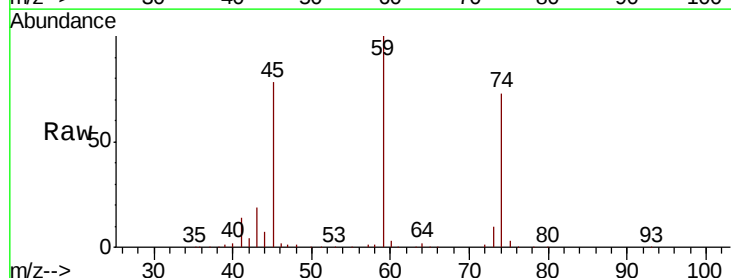
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



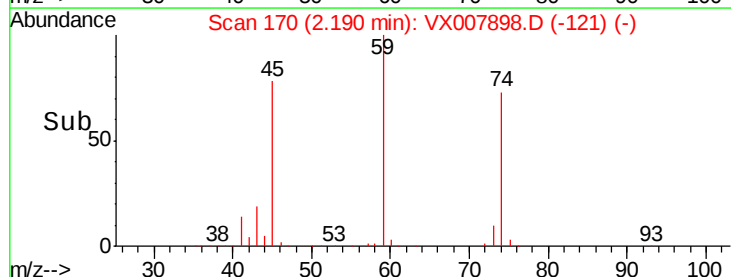
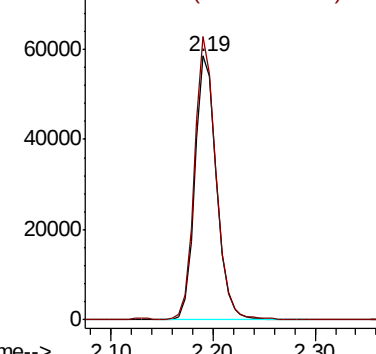
#8

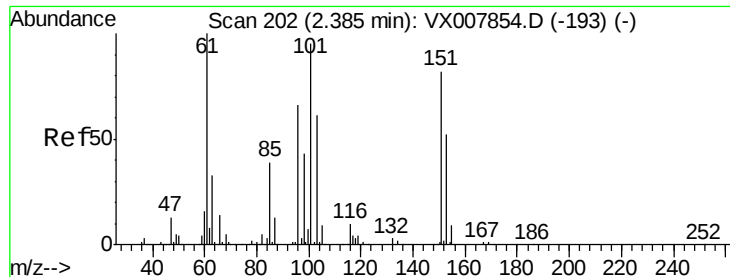
Diethyl Ether
Concen: 51.015 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion: 74 Resp: 85860
Ion Ratio Lower Upper
74 100
45 104.7 52.1 156.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.427 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

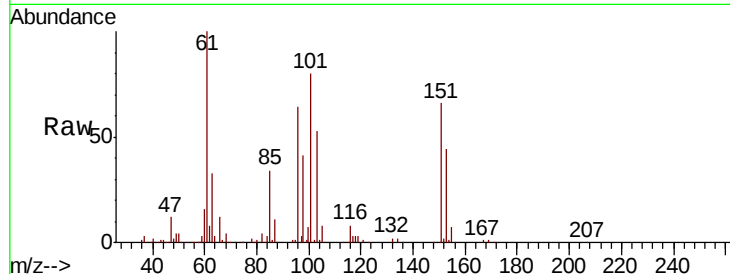
Tgt Ion:101 Resp: 116639

Ion Ratio Lower Upper

101 100

85 42.4 33.8 50.6

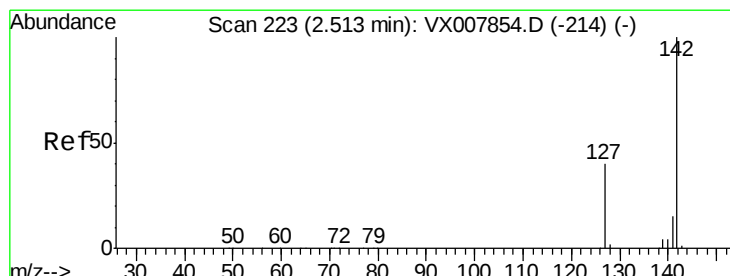
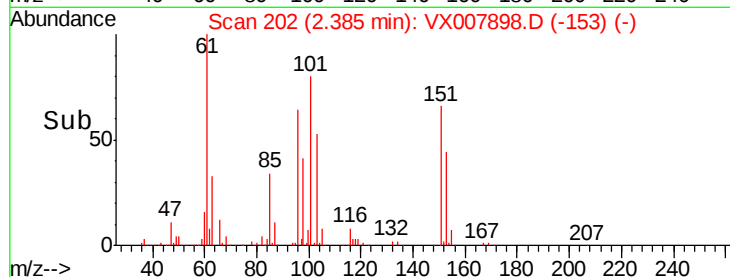
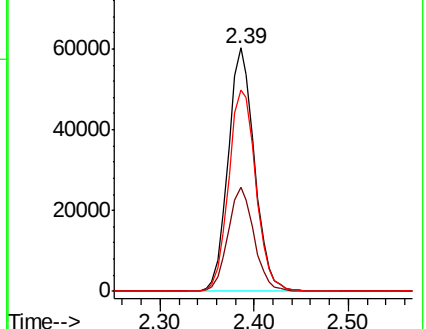
151 85.9 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.446 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

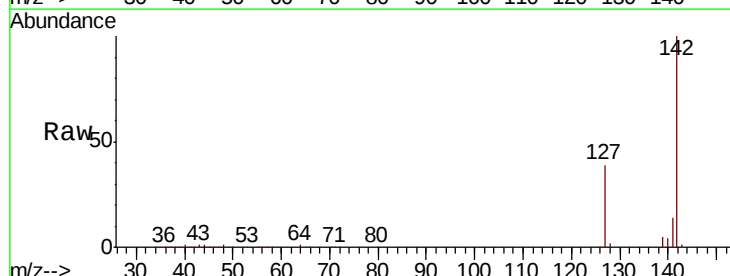
Tgt Ion:142 Resp: 182618

Ion Ratio Lower Upper

142 100

127 39.8 32.1 48.1

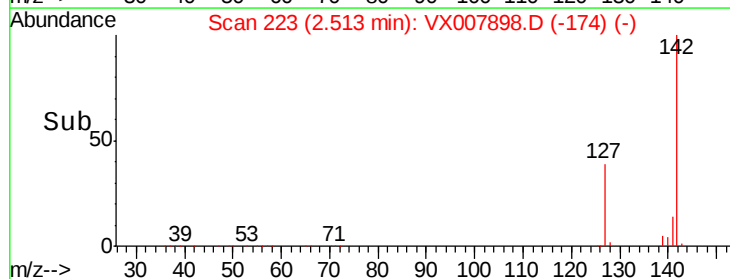
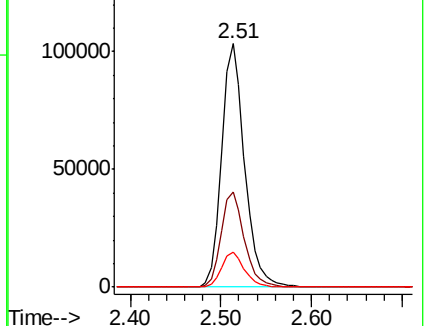
141 14.2 11.4 17.2

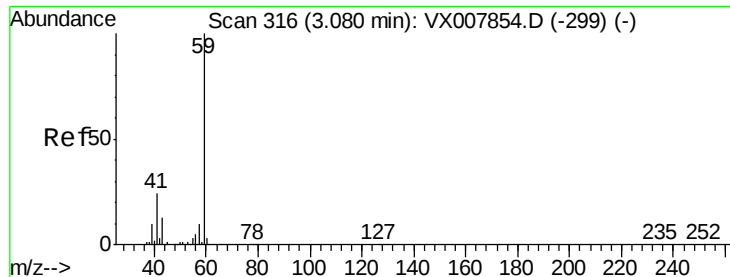


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

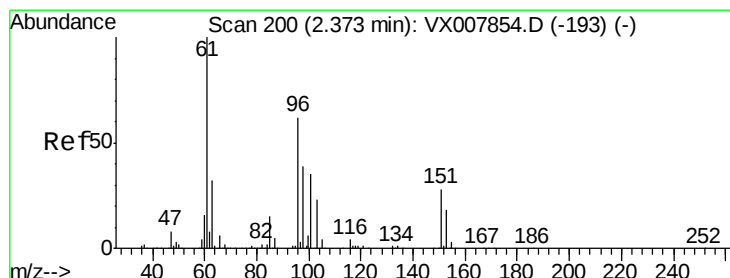
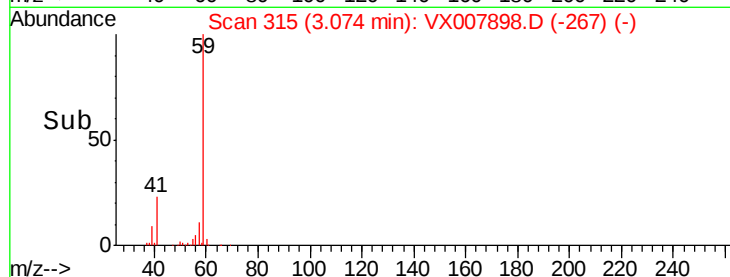
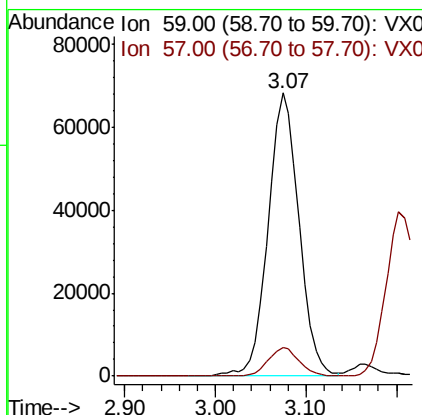
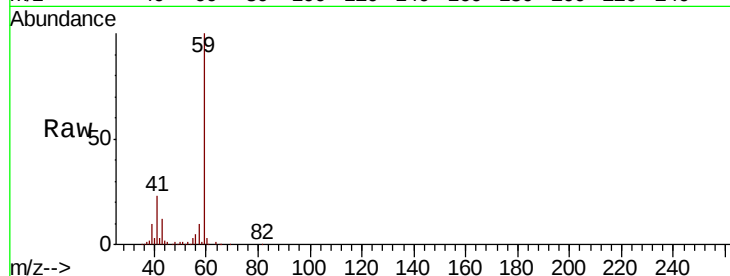




#11
Tert butyl alcohol
Concen: 249.856 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

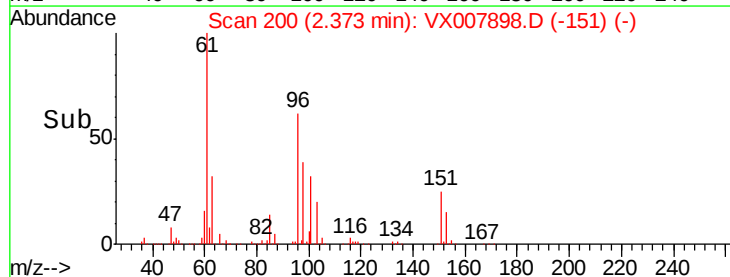
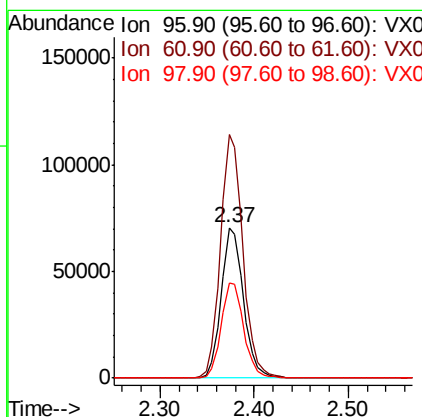
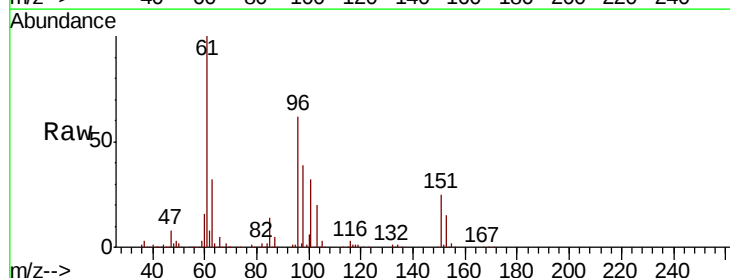
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

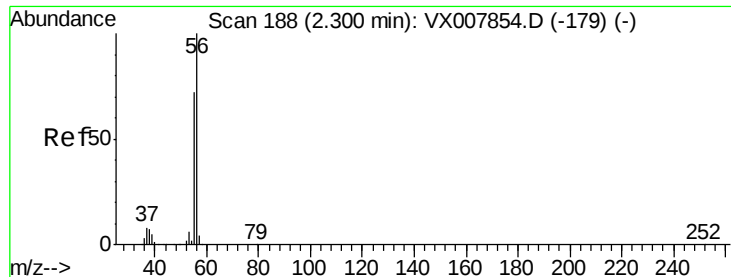
Tgt Ion: 59 Resp: 160844
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.701 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion: 96 Resp: 115389
Ion Ratio Lower Upper
96 100
61 161.5 129.8 194.6
98 63.0 51.0 76.6





#13

Acrolein

Concen: 184.973 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

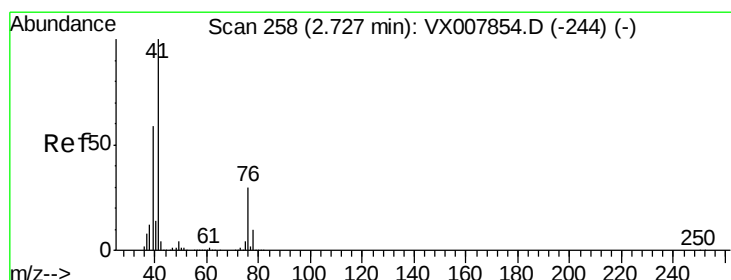
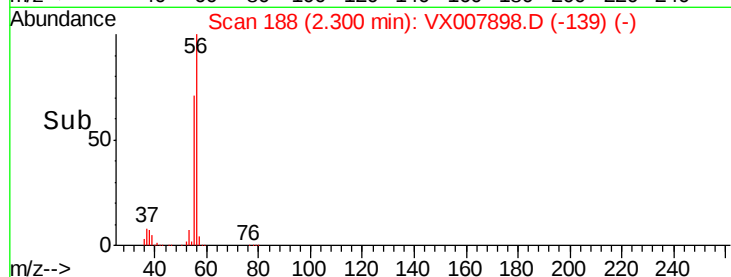
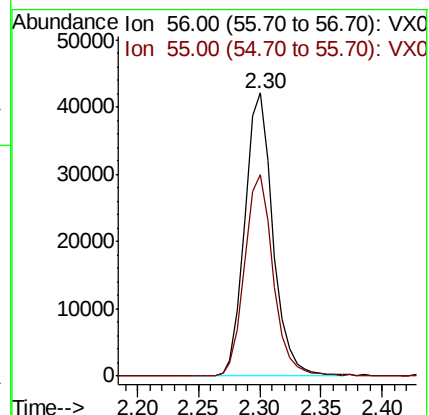
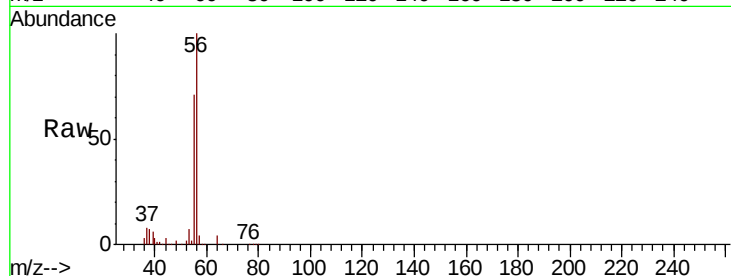
VSTDCCC050

Tgt Ion: 56 Resp: 67239

Ion Ratio Lower Upper

56 100

55 72.7 57.8 86.6



#14

Allyl chloride

Concen: 49.425 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

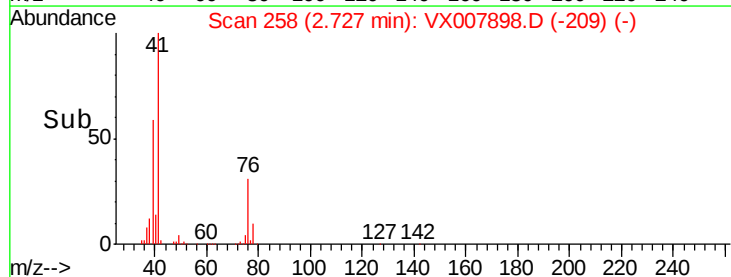
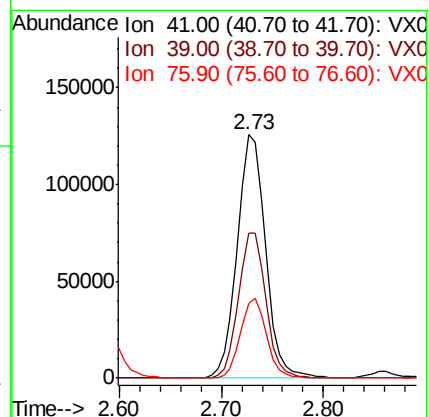
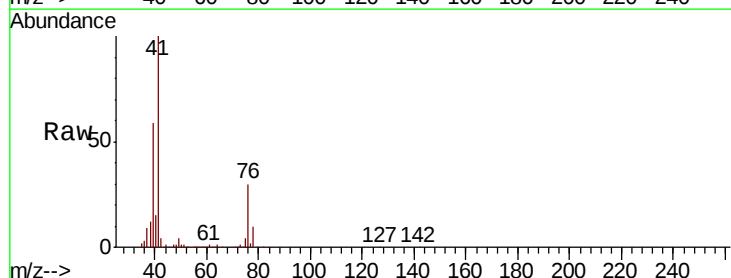
Tgt Ion: 41 Resp: 241124

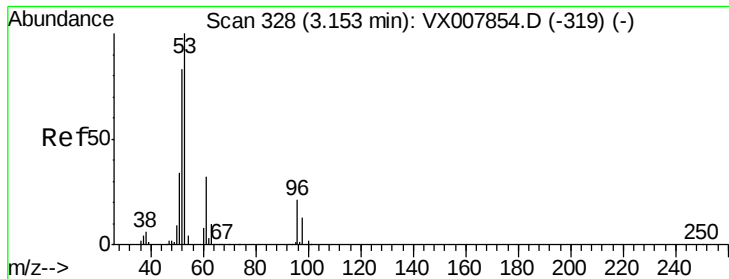
Ion Ratio Lower Upper

41 100

39 58.2 46.1 69.1

76 30.3 24.0 36.0





#15

Acrylonitrile

Concen: 247.172 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

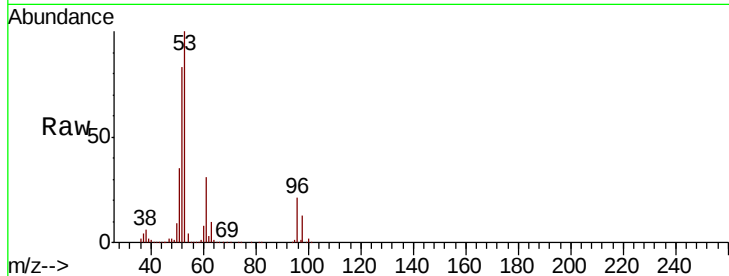
Tgt Ion: 53 Resp: 401626

Ion Ratio Lower Upper

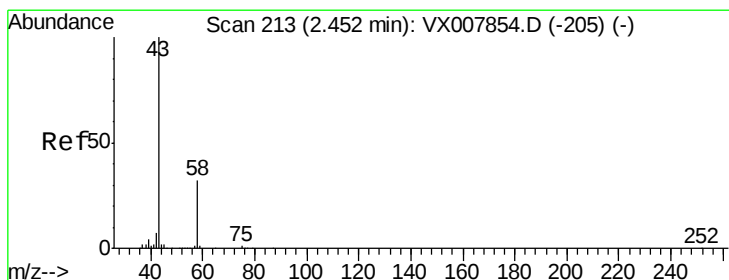
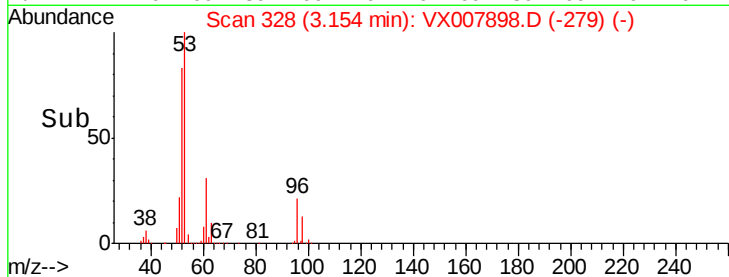
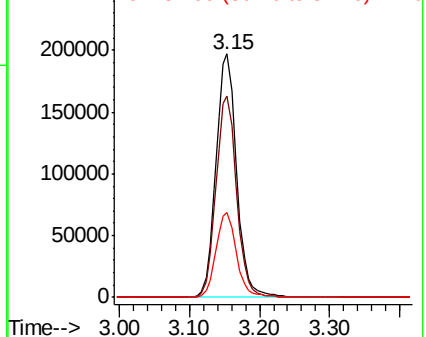
53 100

52 82.7 66.0 99.0

51 34.9 28.0 42.0



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



#16

Acetone

Concen: 200.043 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007898.D

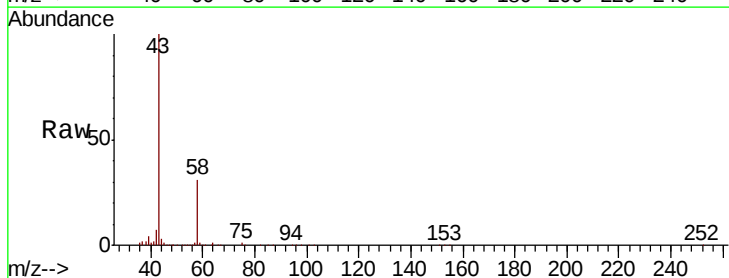
Acq: 07 Mar 2019 22:04

Tgt Ion: 43 Resp: 333300

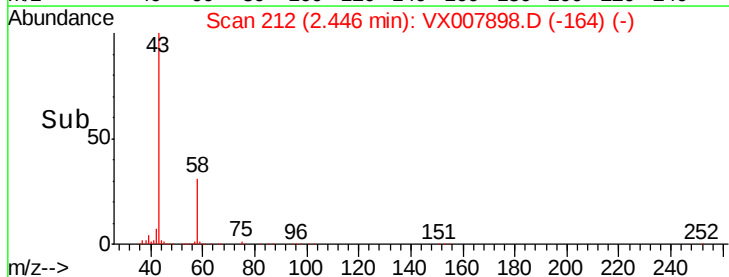
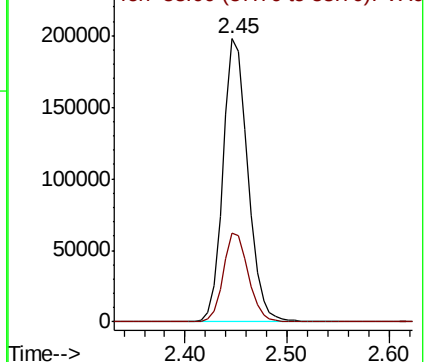
Ion Ratio Lower Upper

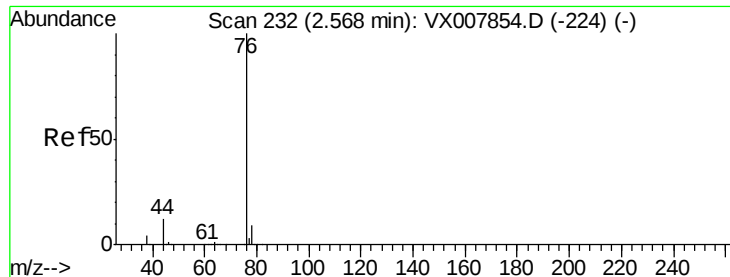
43 100

58 31.4 25.5 38.3



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

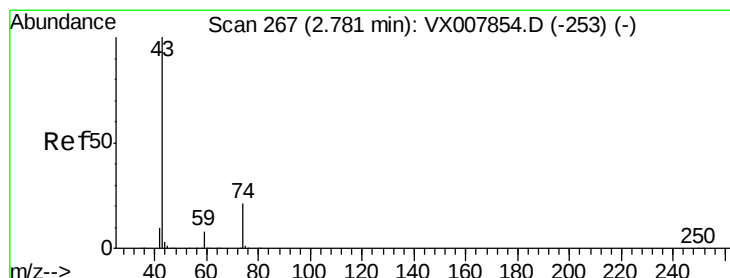
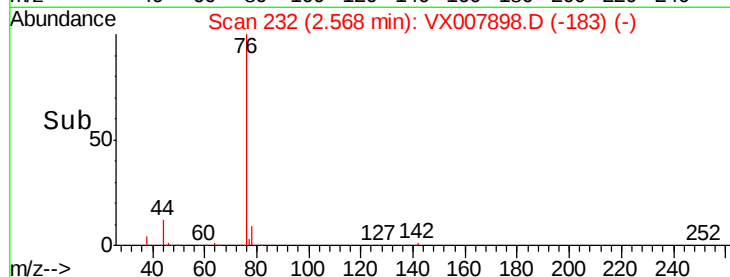
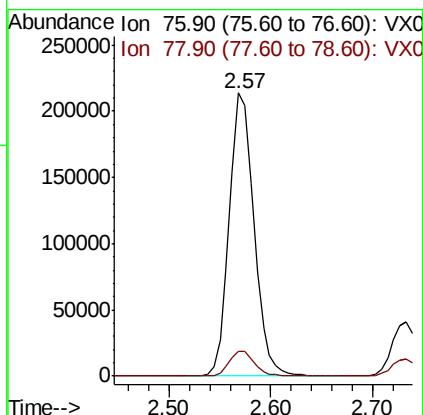
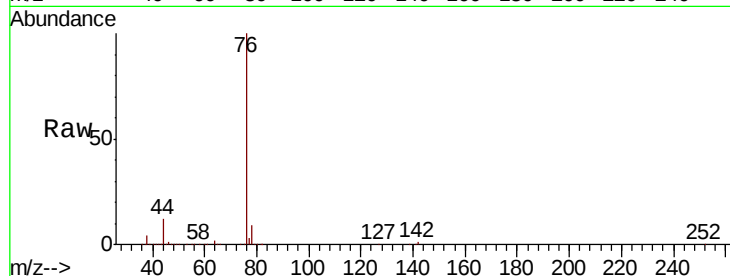




#17
Carbon Disulfide
Concen: 51.074 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

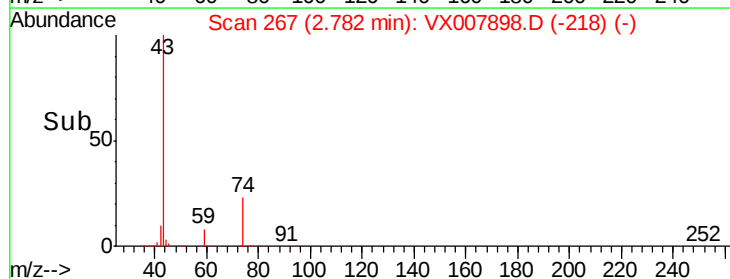
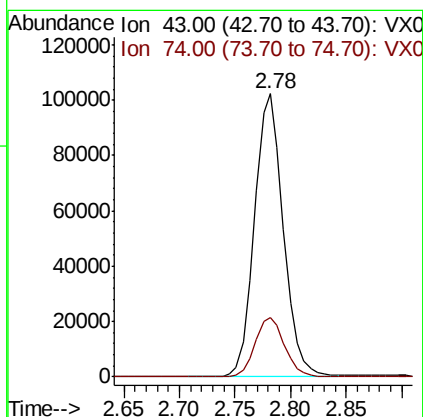
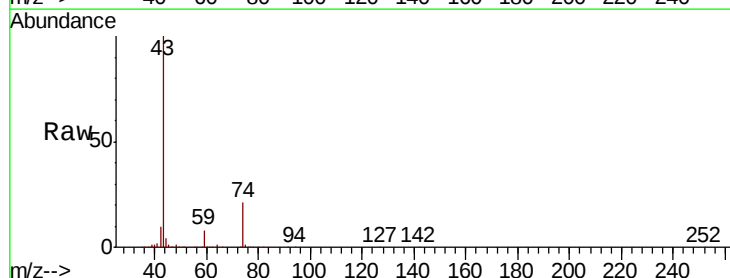
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

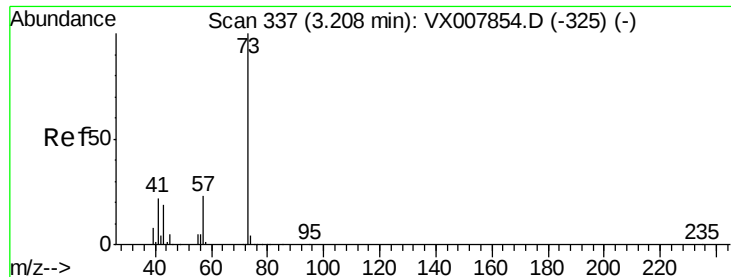
Tgt Ion: 76 Resp: 360014
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 52.027 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion: 43 Resp: 184158
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.6



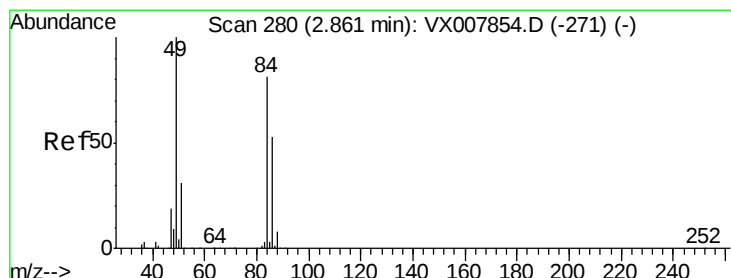
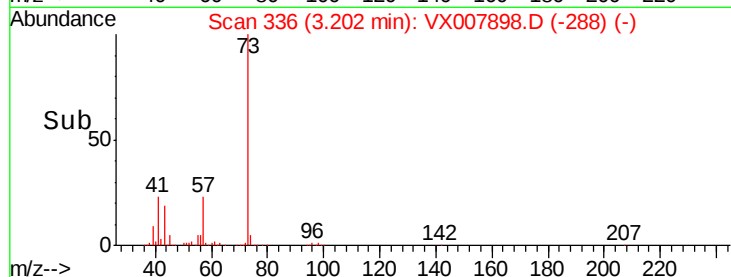
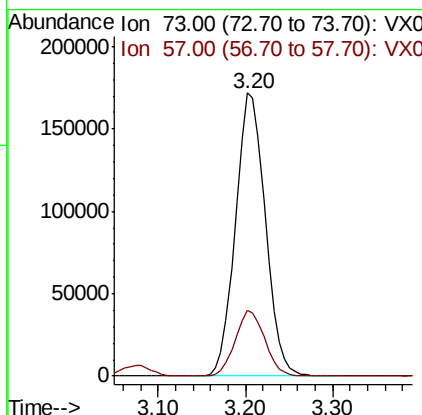
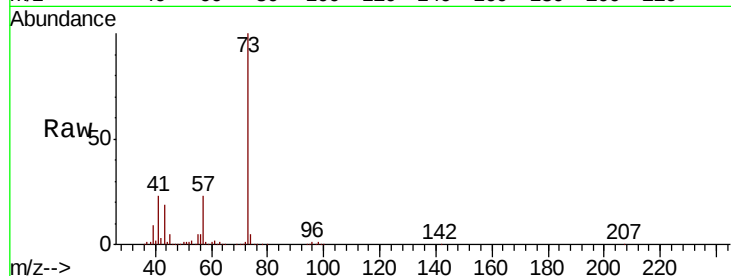


#19

Methyl tert-butyl Ether
 Concen: 51.211 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

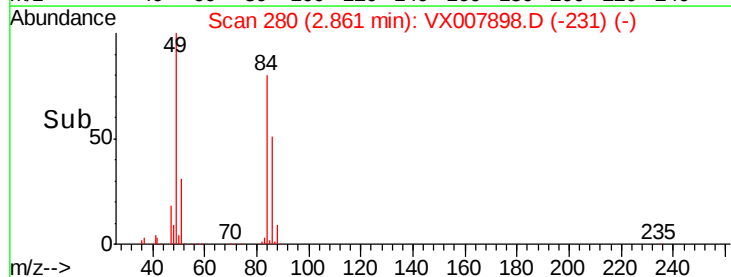
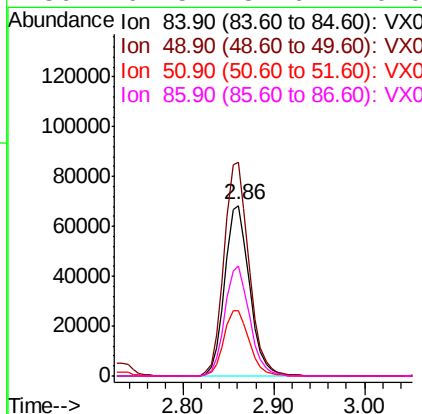
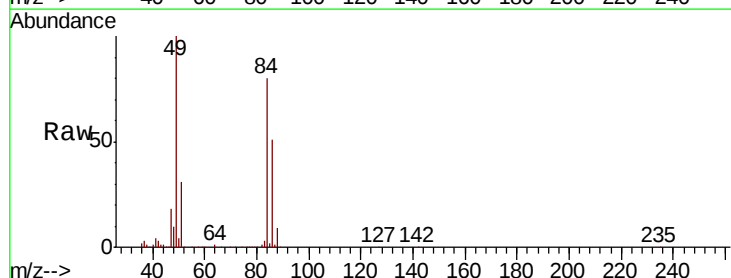
Tgt Ion: 73 Resp: 409024
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.2 27.4

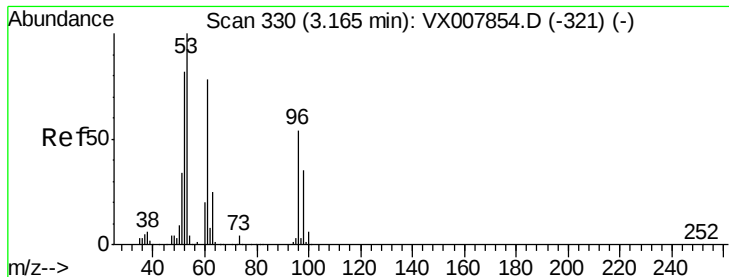


#20

Methylene Chloride
 Concen: 48.978 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion: 84 Resp: 129874
 Ion Ratio Lower Upper
 84 100
 49 125.3 99.3 148.9
 51 38.4 31.3 46.9
 86 64.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.495 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

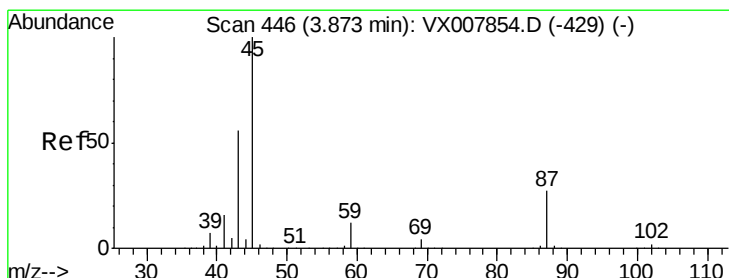
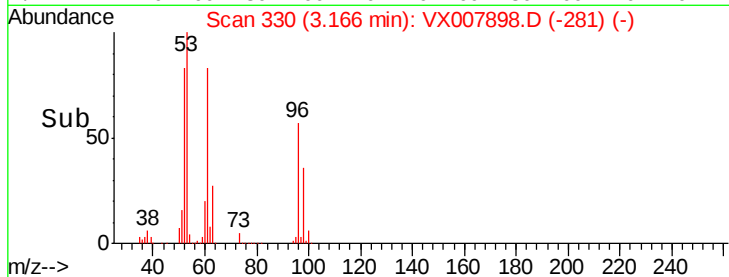
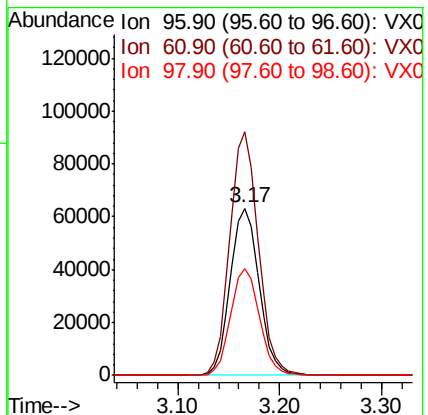
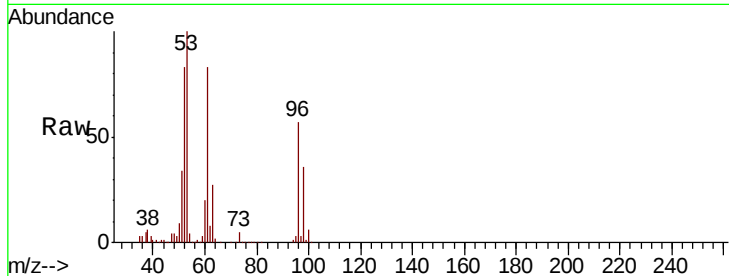
Tgt Ion: 96 Resp: 123883

Ion Ratio Lower Upper

96 100

61 145.4 114.4 171.6

98 63.9 51.1 76.7



#22

Diisopropyl ether

Concen: 50.696 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Tgt Ion: 45 Resp: 453369

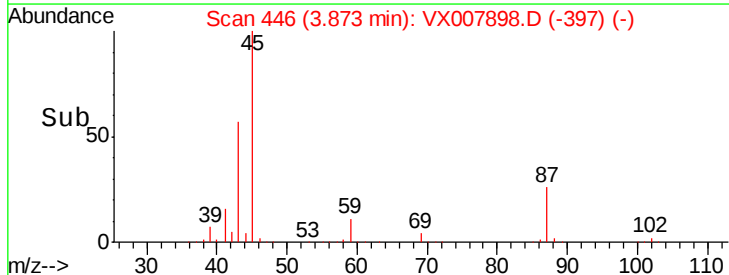
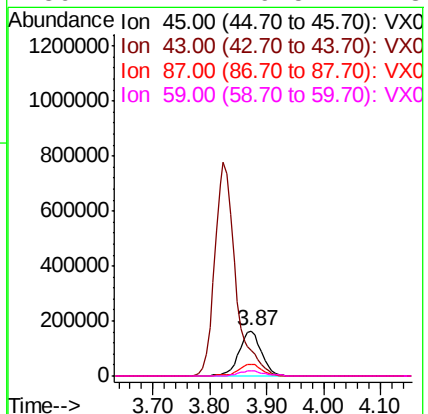
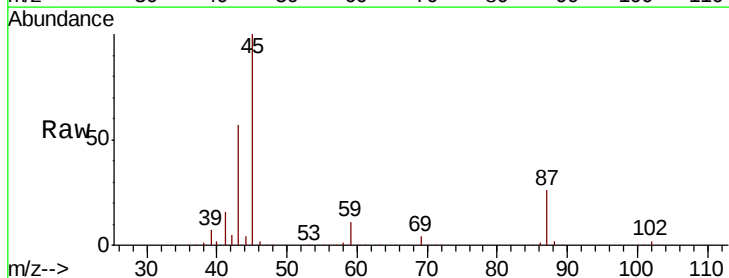
Ion Ratio Lower Upper

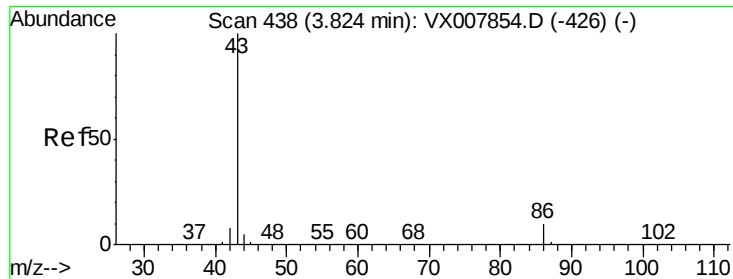
45 100

43 57.1 45.3 67.9

87 26.1 21.4 32.0

59 11.1 9.5 14.3





#23

Vinyl Acetate

Concen: 252.643 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

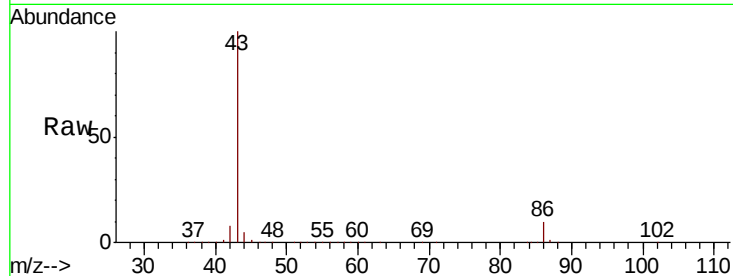
VSTDCCC050

Tgt Ion: 43 Resp: 1981284

Ion Ratio Lower Upper

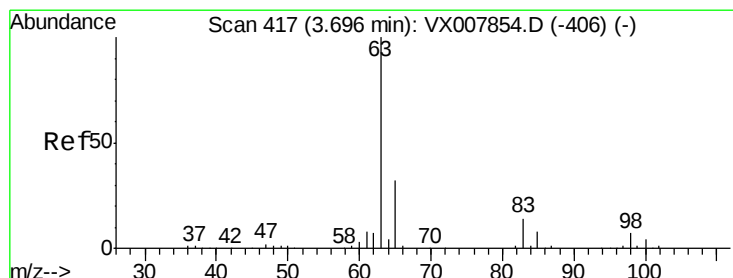
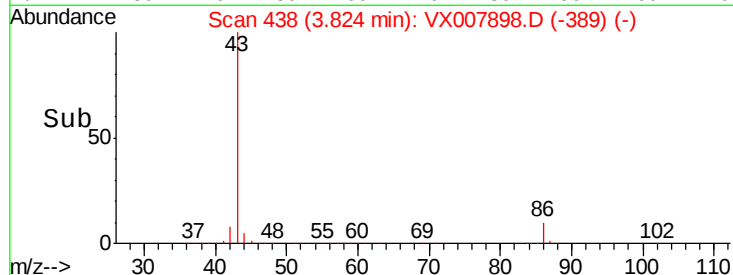
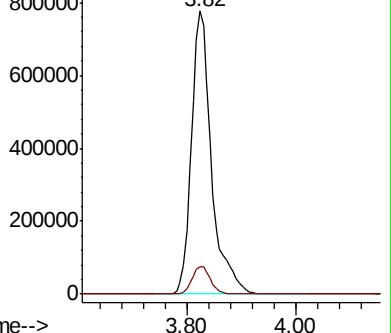
43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-426) (-)

Ion 86.00 (85.70 to 86.70): VX007854.D (-426) (-)



#24

1,1-Dichloroethane

Concen: 50.576 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

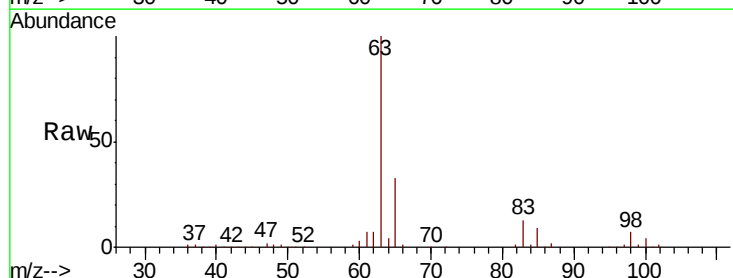
Tgt Ion: 63 Resp: 243400

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

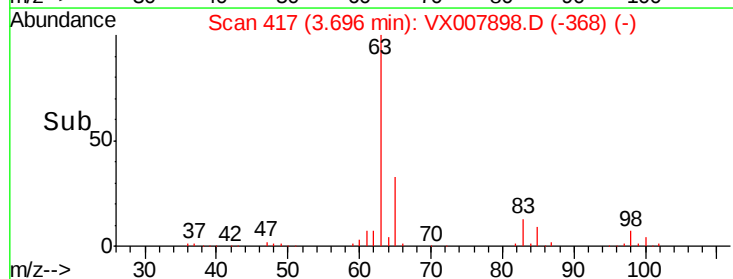
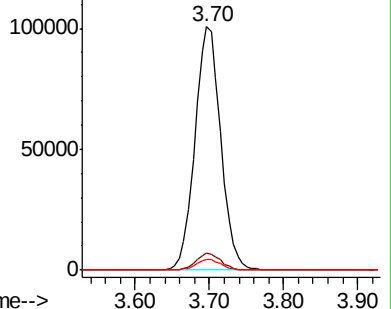
100 4.4 2.3 6.8

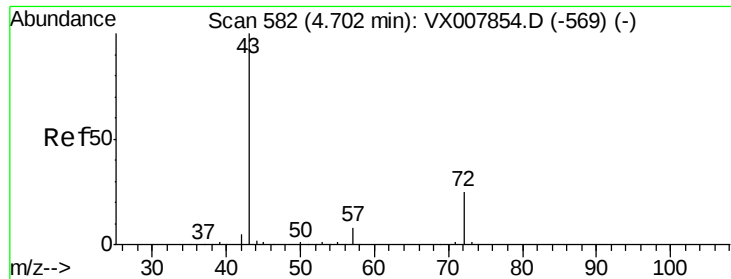


Abundance Ion 62.90 (62.60 to 63.60): VX007854.D (-406) (-)

Ion 97.90 (97.60 to 98.60): VX007854.D (-406) (-)

Ion 99.90 (99.60 to 100.60): VX007854.D (-406) (-)





#25

2-Butanone

Concen: 233.141 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

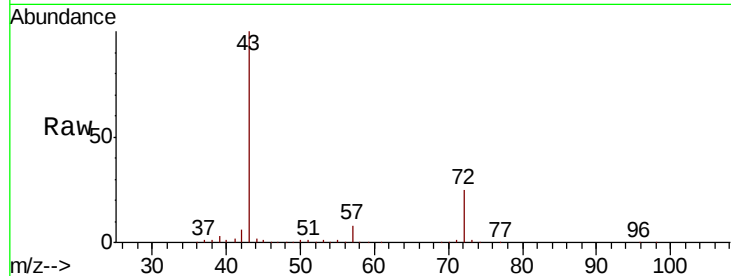
VSTDCCC050

Tgt Ion: 43 Resp: 549939

Ion Ratio Lower Upper

43 100

72 24.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

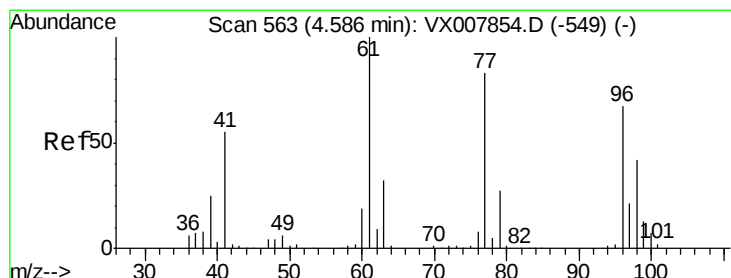
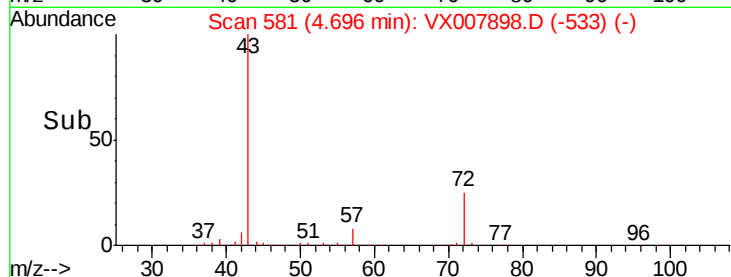
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.388 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007898.D

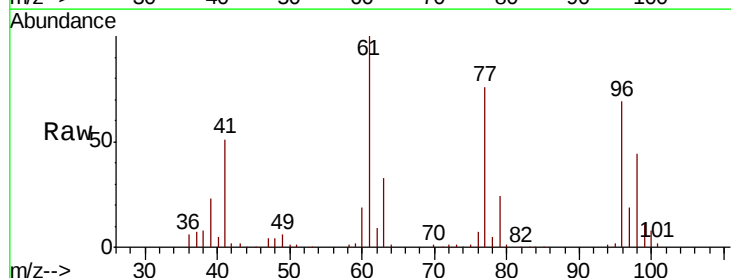
Acq: 07 Mar 2019 22:04

Tgt Ion: 77 Resp: 141527

Ion Ratio Lower Upper

77 100

97 25.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

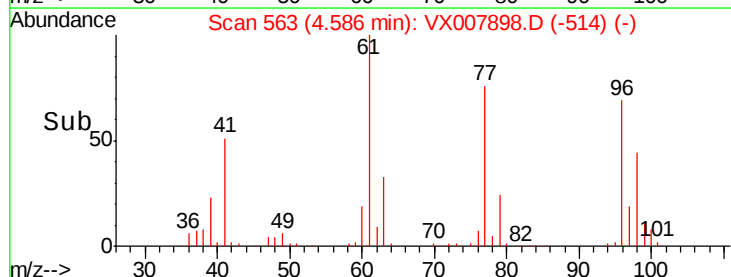
30000

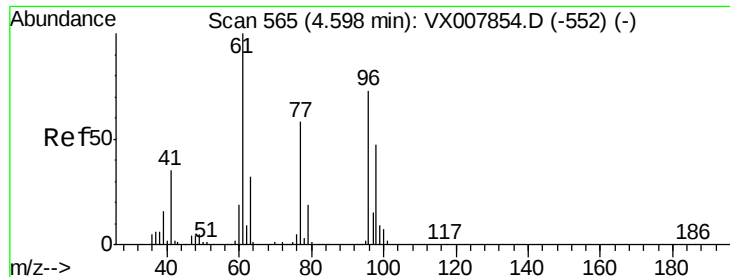
20000

10000

0

Time-->



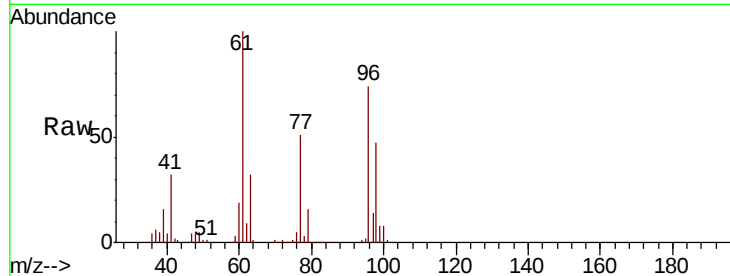


#27

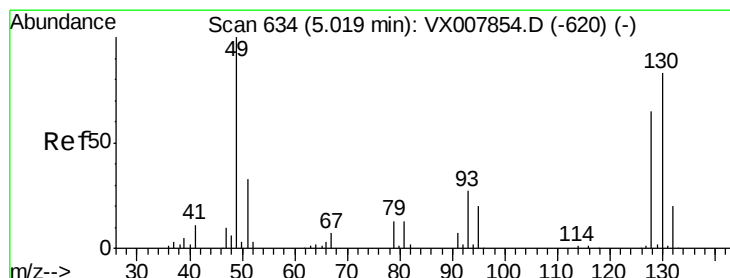
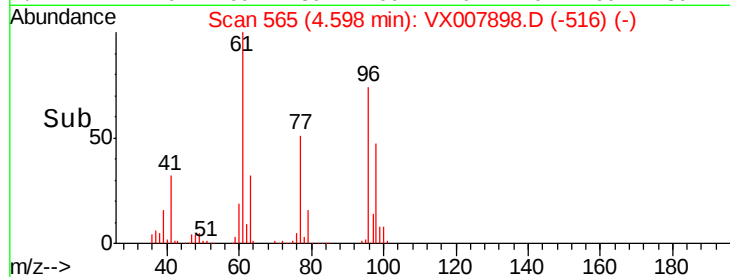
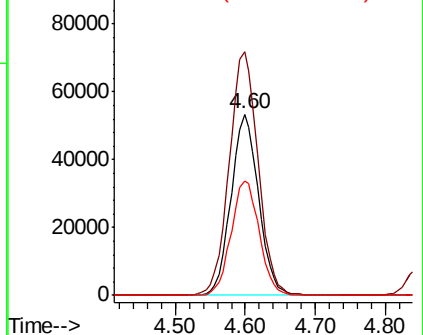
cis-1,2-Dichloroethene
 Concen: 49.925 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 145940
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 288.0
 98 64.6 0.0 129.0



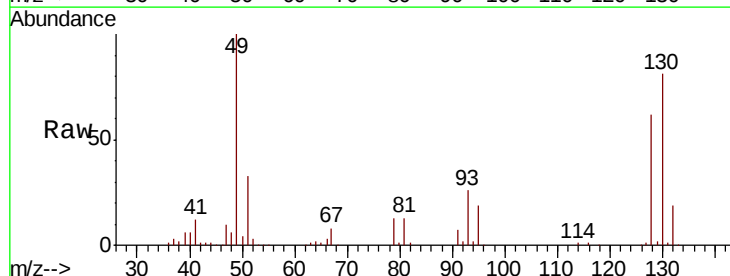
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



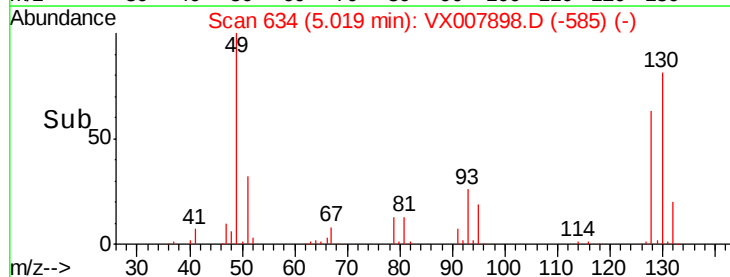
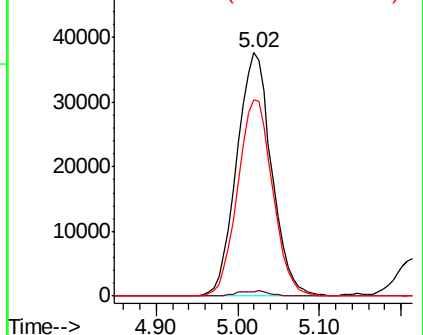
#28

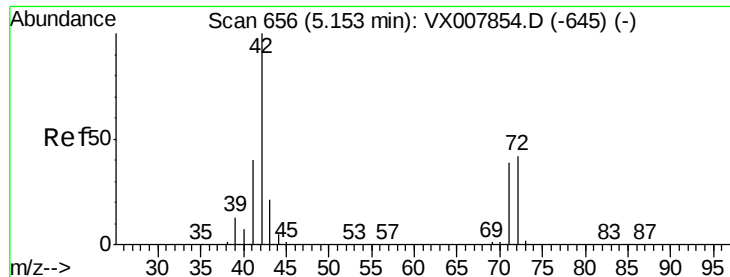
Bromochloromethane
 Concen: 49.807 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion: 49 Resp: 111749
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 81.0 65.0 97.4



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

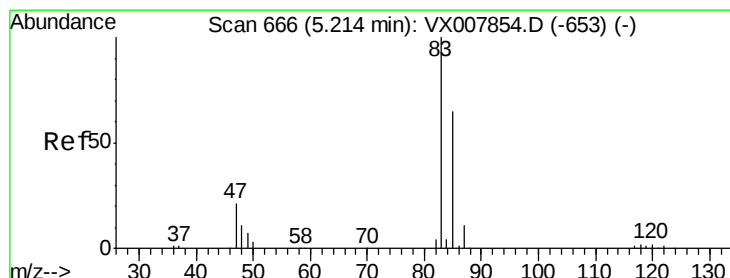
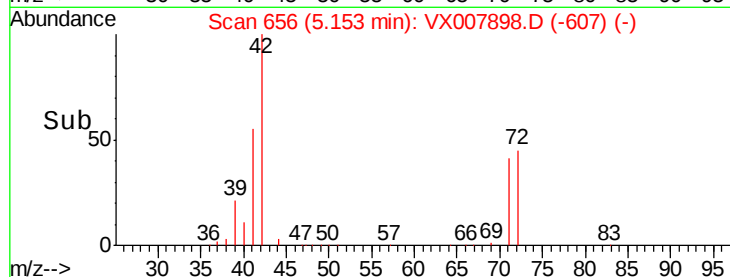
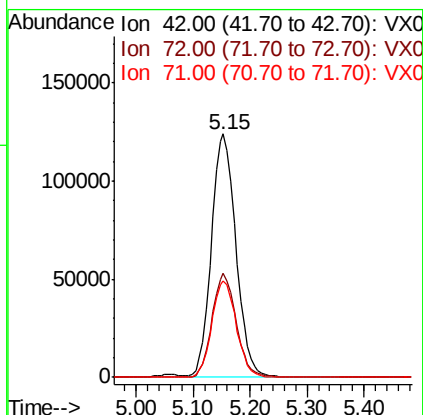
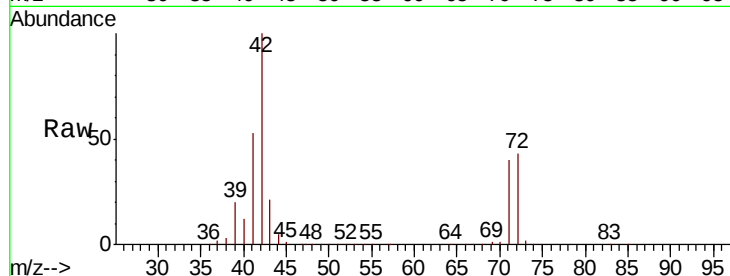




#29
Tetrahydrofuran
Concen: 251.841 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

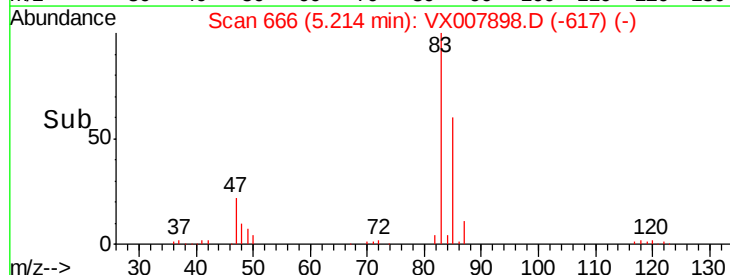
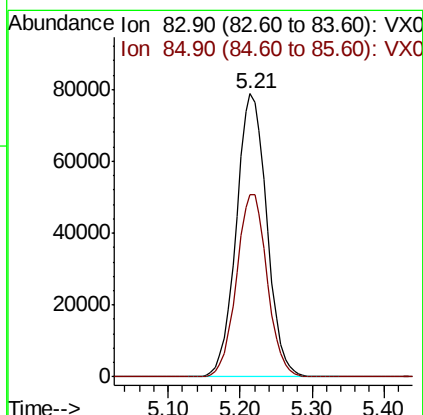
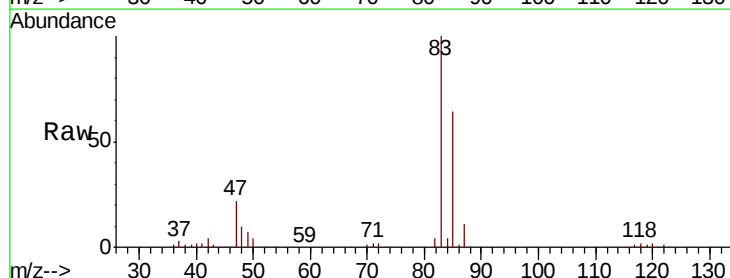
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

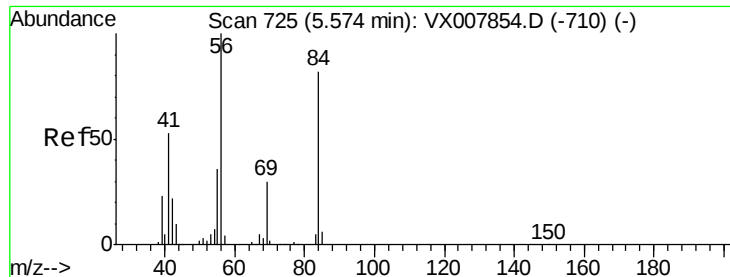
Tgt Ion: 42 Resp: 370547
Ion Ratio Lower Upper
42 100
72 42.4 33.8 50.6
71 39.7 31.5 47.3



#30
Chloroform
Concen: 50.857 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion: 83 Resp: 231524
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6

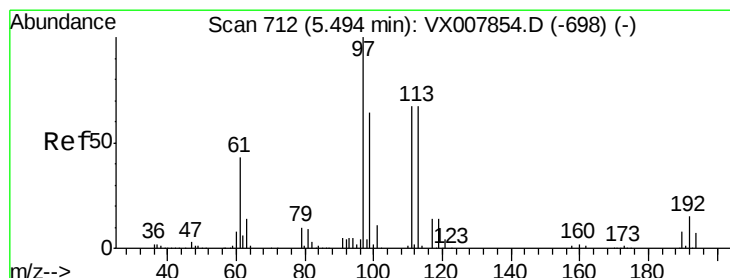
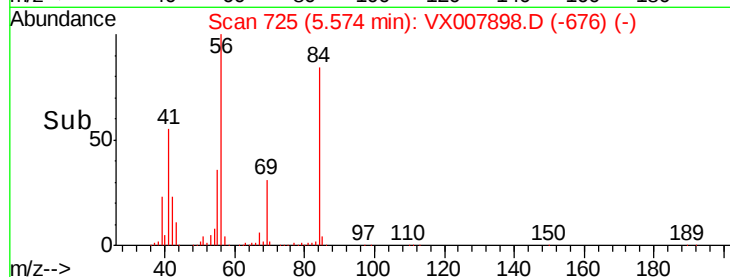
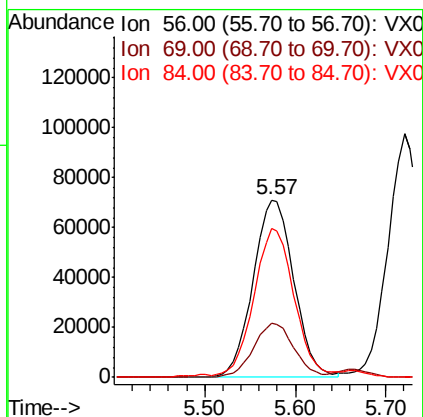
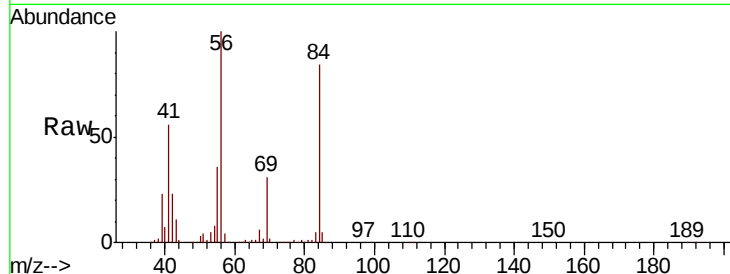




#31
Cyclohexane
Concen: 49.985 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

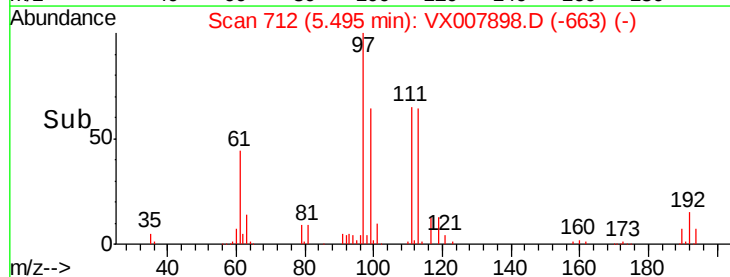
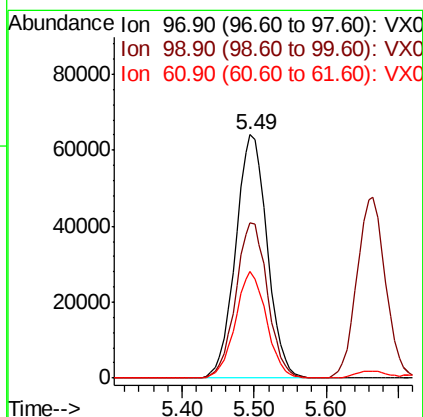
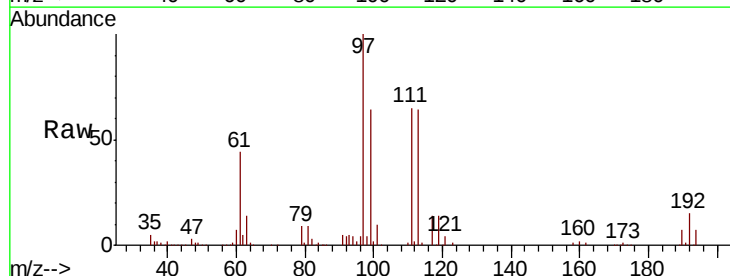
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

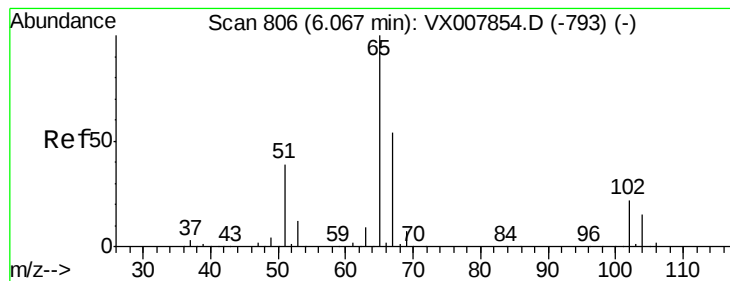
Tgt Ion: 56 Resp: 221090
Ion Ratio Lower Upper
56 100
69 30.7 24.0 36.0
84 83.2 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 51.461 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion: 97 Resp: 194378
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 43.2 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 49.101 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

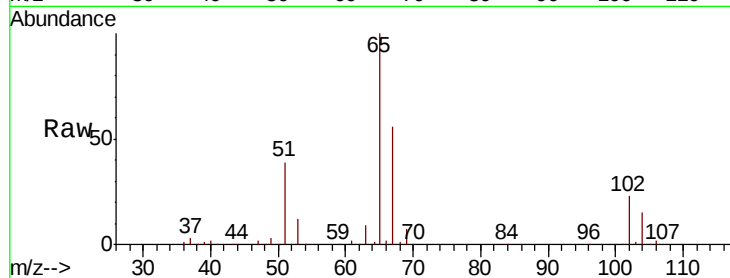
VSTDCCC050

Tgt Ion: 65 Resp: 141340

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

30000

20000

10000

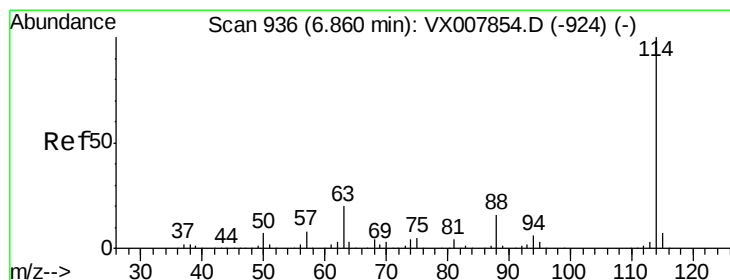
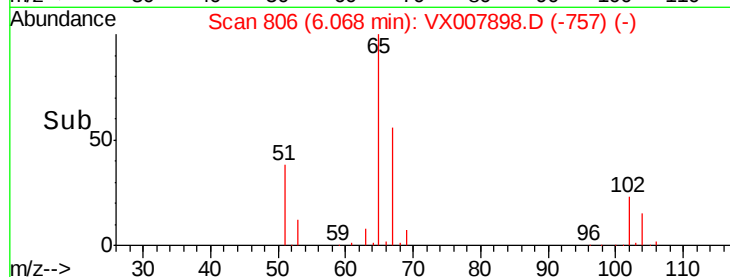
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

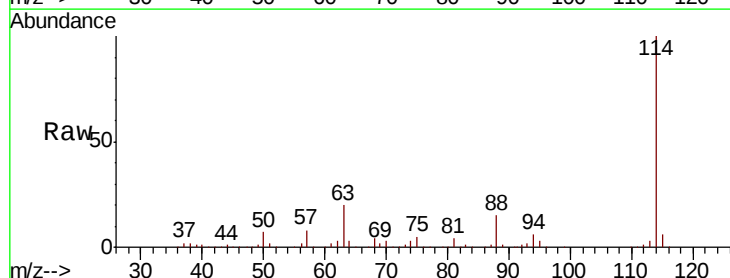
Tgt Ion: 114 Resp: 404053

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

200000

150000

100000

50000

0

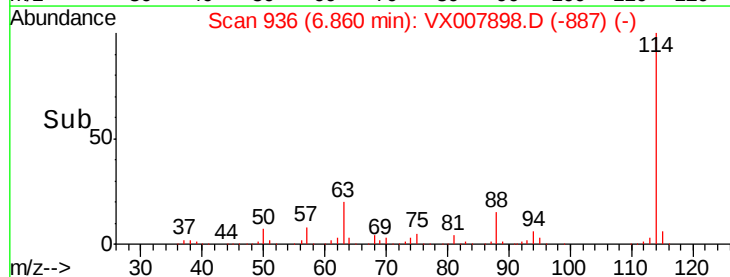
Time-->

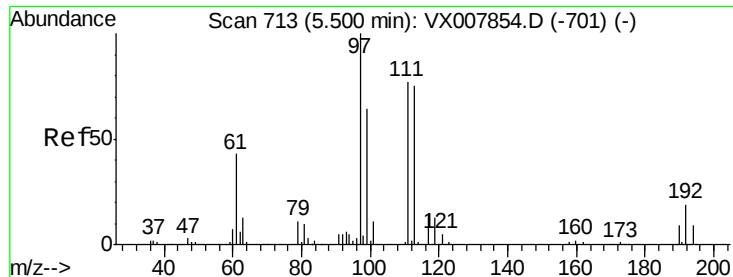
6.70

6.80

6.90

7.00

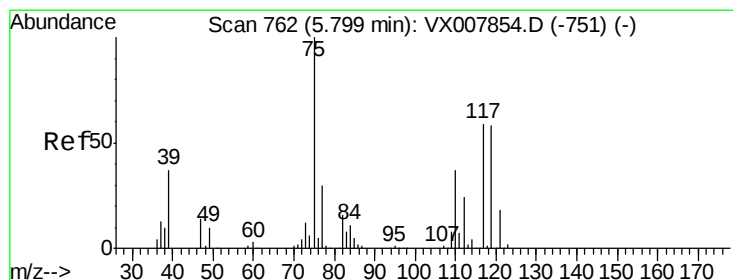
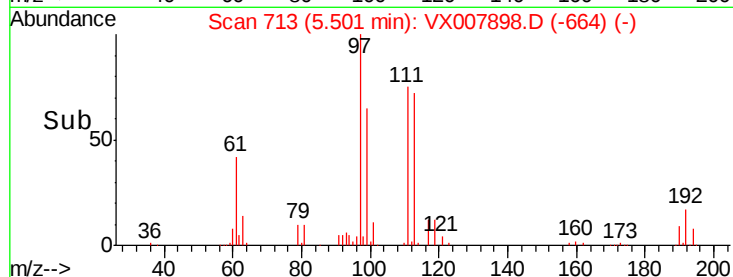
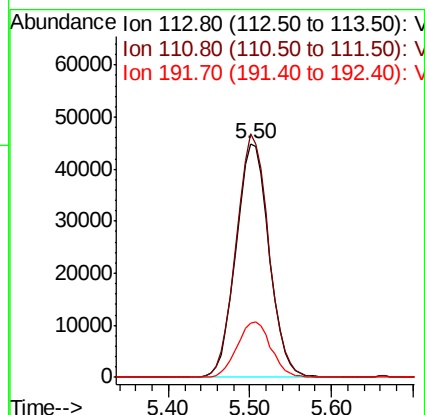
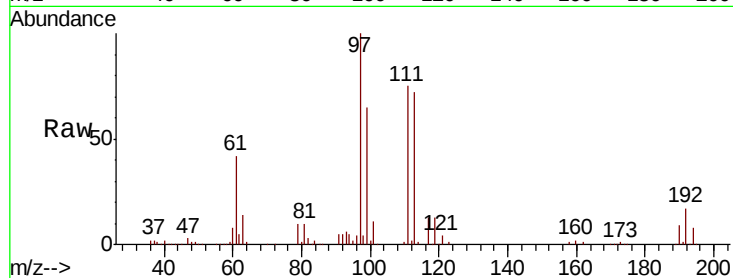




#35
 Dibromofluoromethane
 Concen: 48.825 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

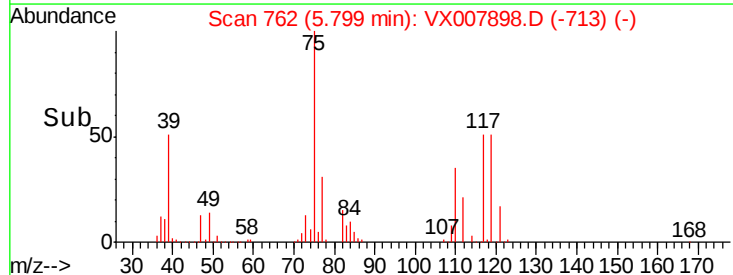
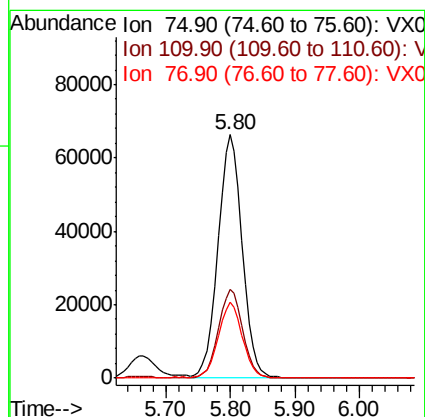
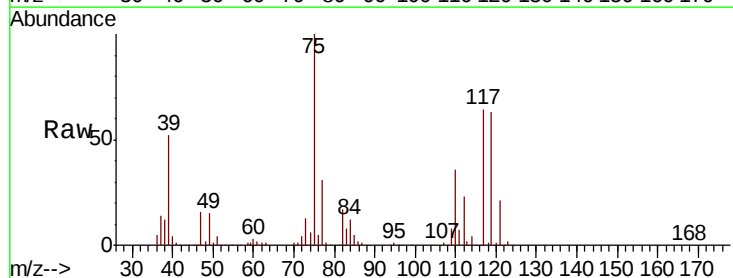
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

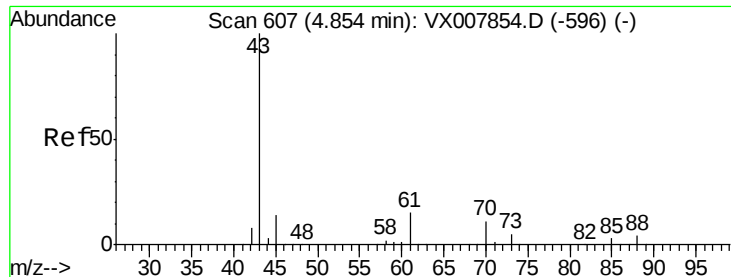
Tgt Ion:113 Resp: 126192
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 24.3 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 48.158 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion: 75 Resp: 176190
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.4 55.0
 77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 48.016 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

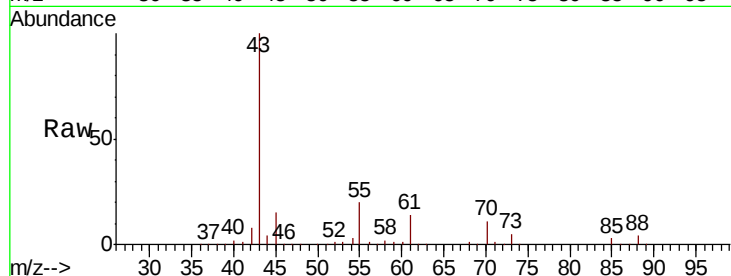
Tgt Ion: 43 Resp: 208470

Ion Ratio Lower Upper

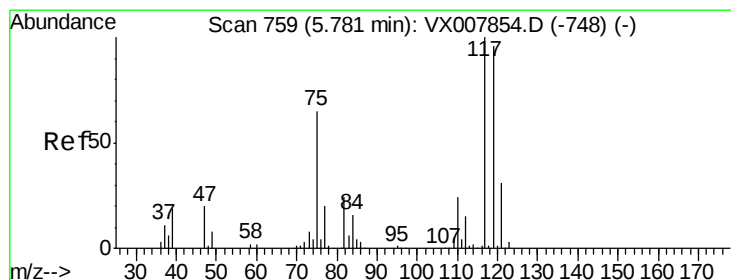
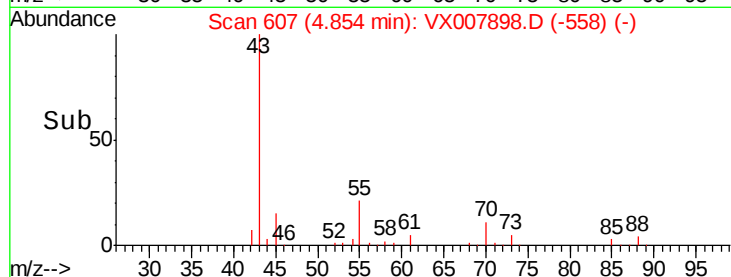
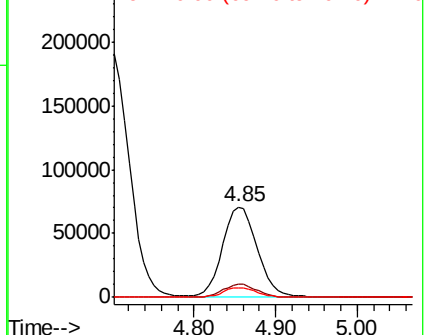
43 100

61 14.0 11.3 16.9

70 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.873 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

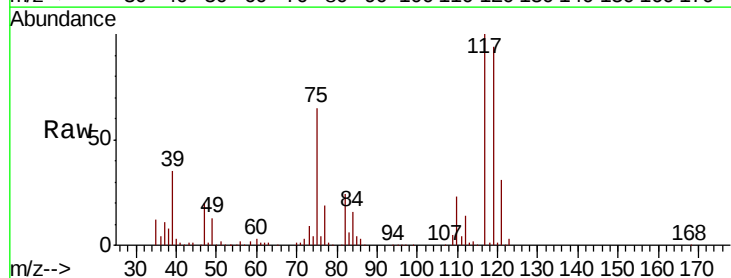
Tgt Ion: 117 Resp: 173229

Ion Ratio Lower Upper

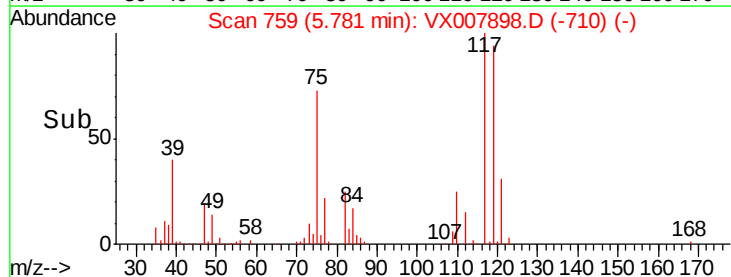
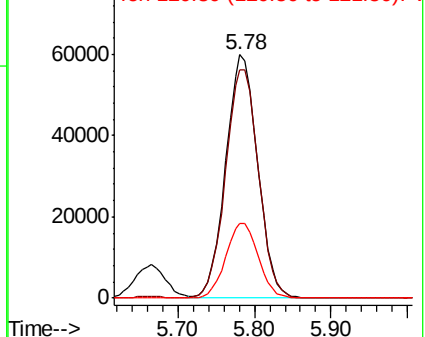
117 100

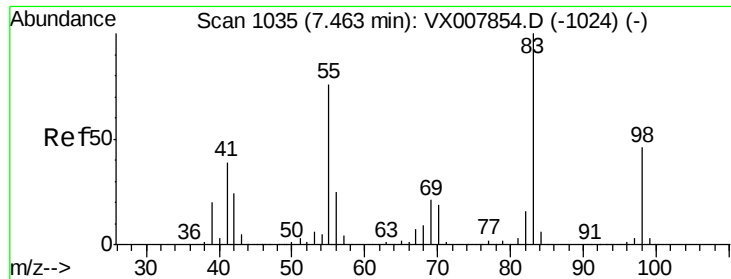
119 93.6 76.2 114.2

121 30.9 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

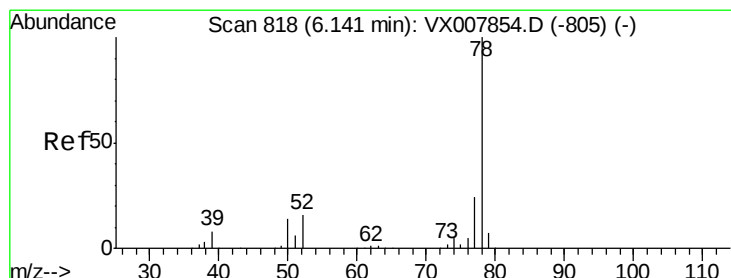
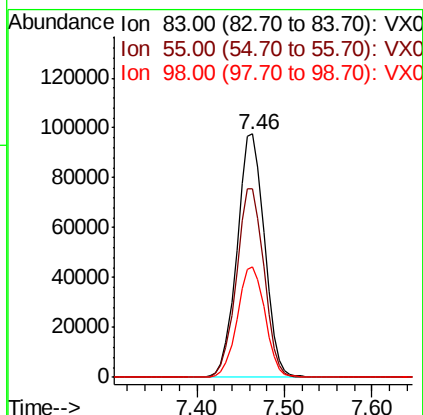
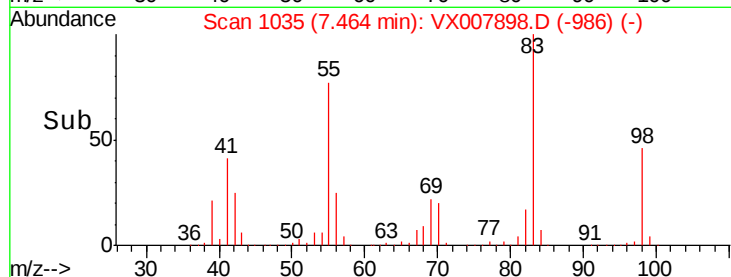
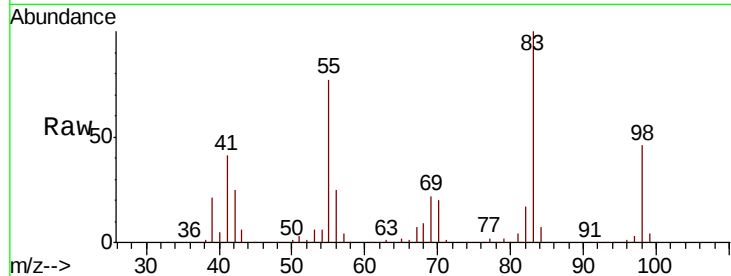




#39
Methylcyclohexane
Concen: 48.020 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

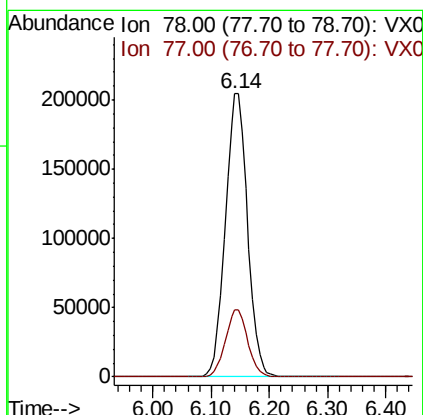
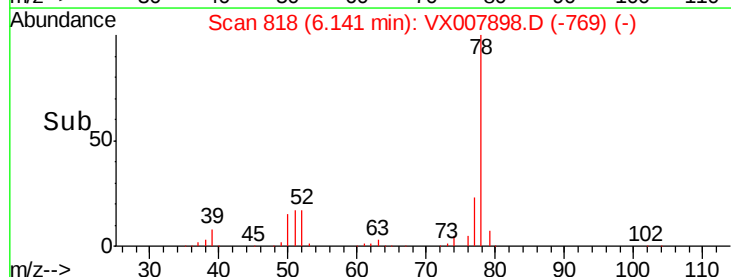
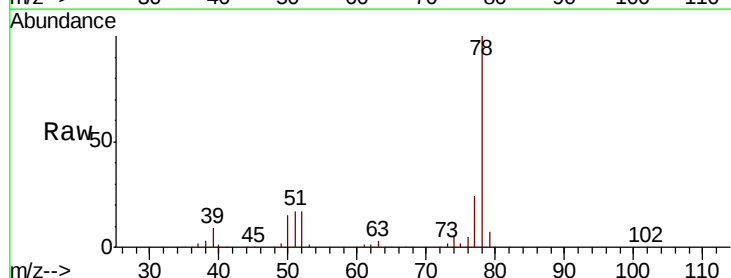
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

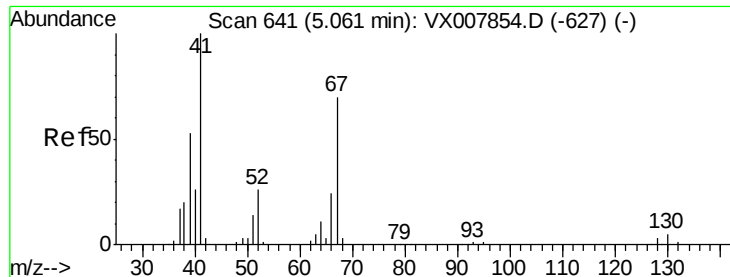
Tgt Ion: 83 Resp: 212883
Ion Ratio Lower Upper
83 100
55 77.4 60.4 90.6
98 45.5 36.5 54.7



#40
Benzene
Concen: 49.622 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion: 78 Resp: 540482
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 49.540 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 117266

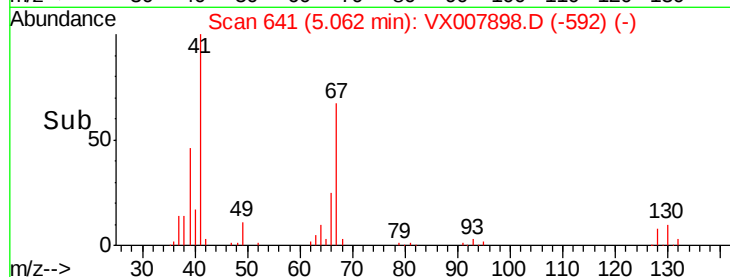
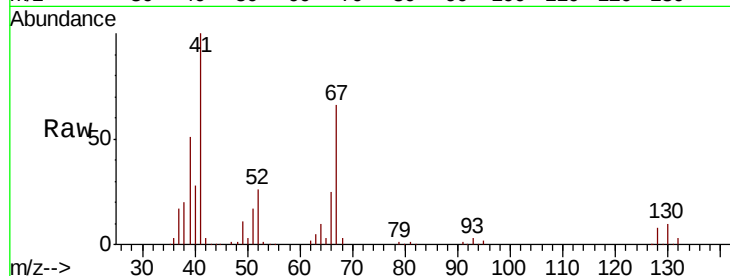
Ion Ratio Lower Upper

41 100

39 52.9 41.6 62.4

67 70.0 55.8 83.6

52 27.0 21.7 32.5

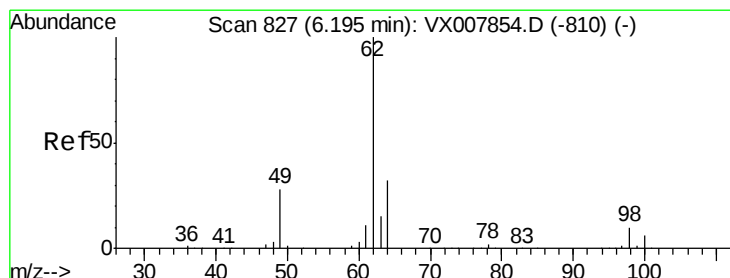
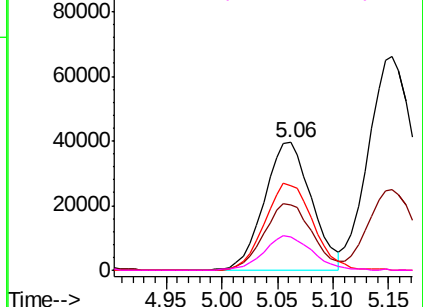


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.300 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007898.D

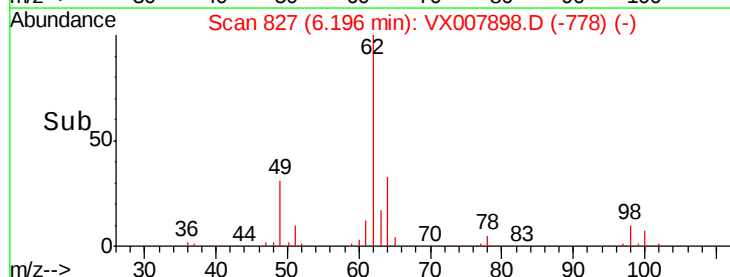
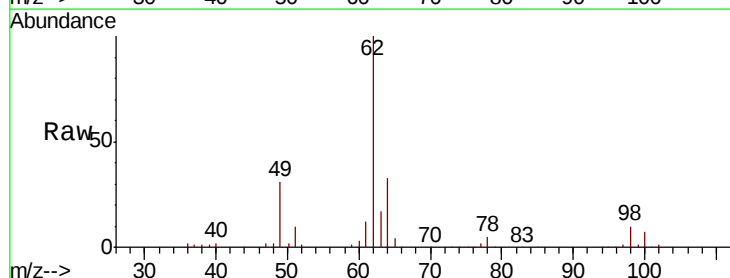
Acq: 07 Mar 2019 22:04

Tgt Ion: 62 Resp: 175608

Ion Ratio Lower Upper

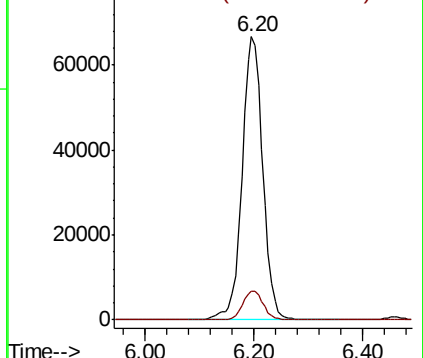
62 100

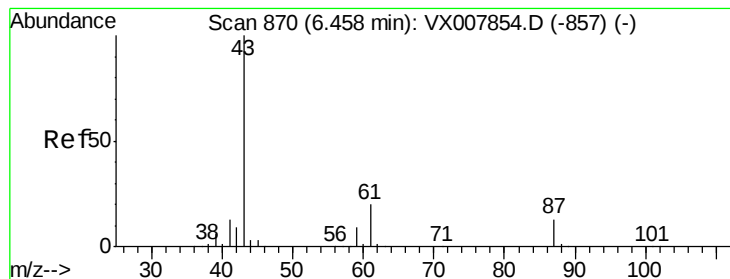
98 10.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.224 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

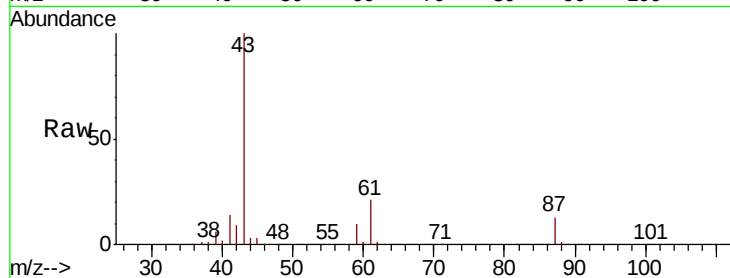
Tgt Ion: 43 Resp: 322711

Ion Ratio Lower Upper

43 100

61 20.5 16.3 24.5

87 13.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-857) (-)

Ion 61.00 (60.70 to 61.70): VX007854.D (-857) (-)

Ion 87.00 (86.70 to 87.70): VX007854.D (-857) (-)

6.46

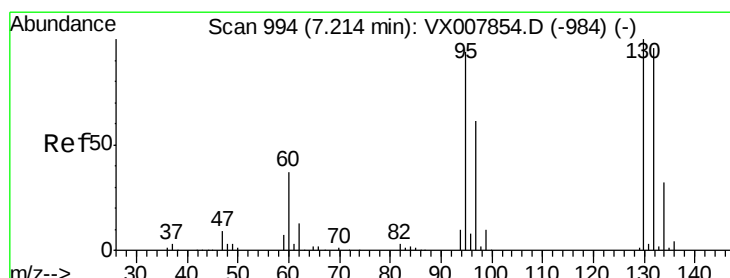
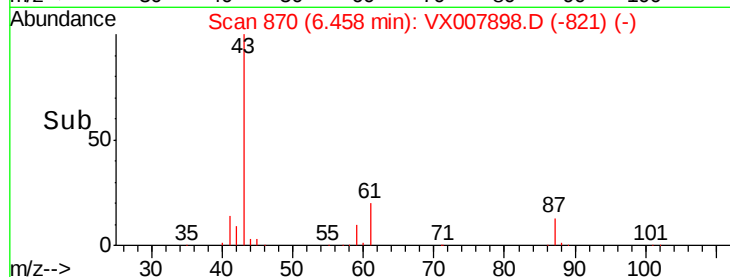
150000

100000

50000

0

Time--> 6.30 6.40 6.50 6.60



#44

Trichloroethene

Concen: 48.644 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007898.D

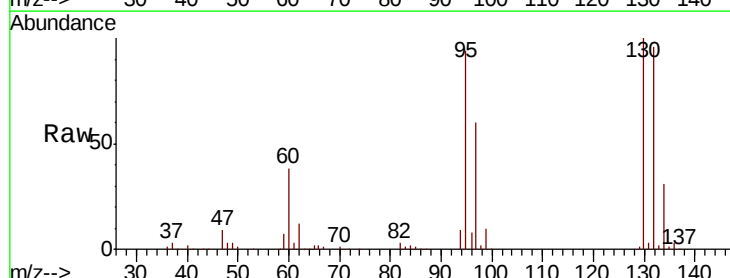
Acq: 07 Mar 2019 22:04

Tgt Ion: 130 Resp: 146010

Ion Ratio Lower Upper

130 100

95 94.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX007854.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX007854.D (-984) (-)

80000

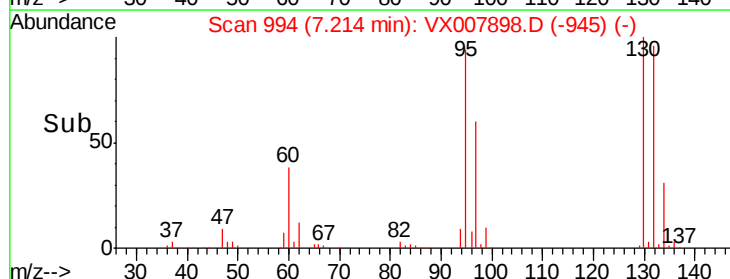
60000

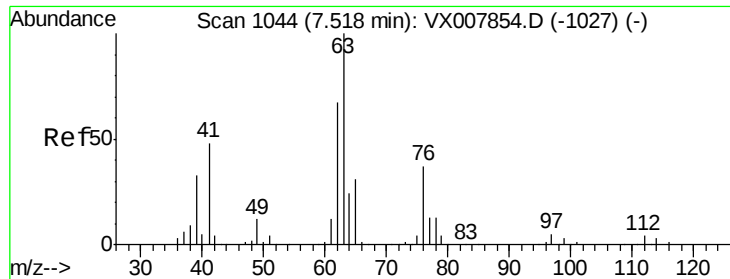
40000

20000

0

Time--> 7.10 7.20 7.30 7.40





#45

1,2-Dichloropropane

Concen: 50.487 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

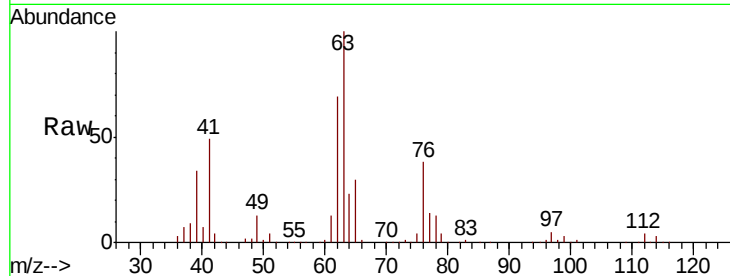
VSTDCCC050

Tgt Ion: 63 Resp: 145239

Ion Ratio Lower Upper

63 100

65 30.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

80000

60000

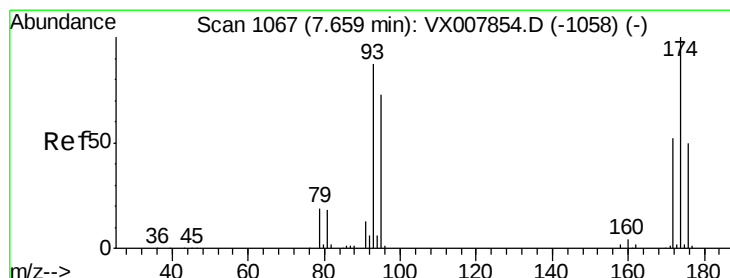
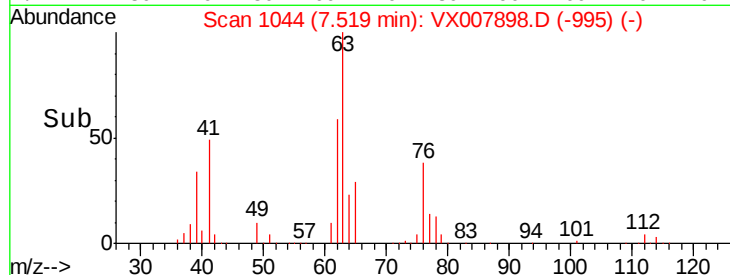
40000

20000

0

7.40 7.50 7.60 7.70

Time-->



#46

Dibromomethane

Concen: 49.534 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

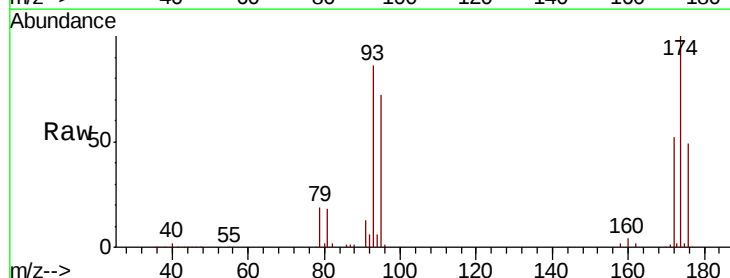
Tgt Ion: 93 Resp: 90179

Ion Ratio Lower Upper

93 100

95 84.2 66.8 100.2

174 121.4 97.3 145.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

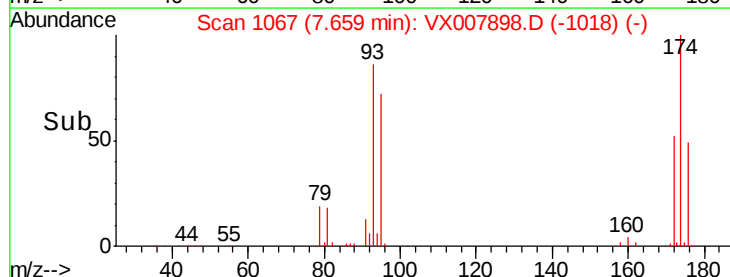
40000

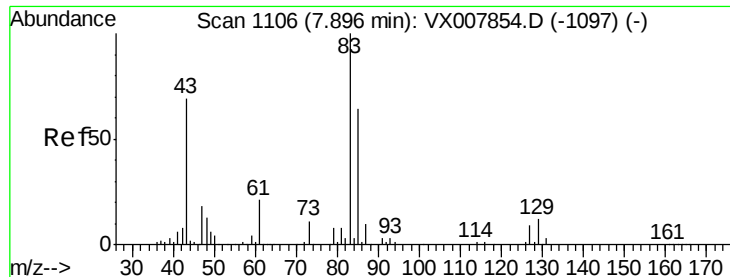
20000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 50.773 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

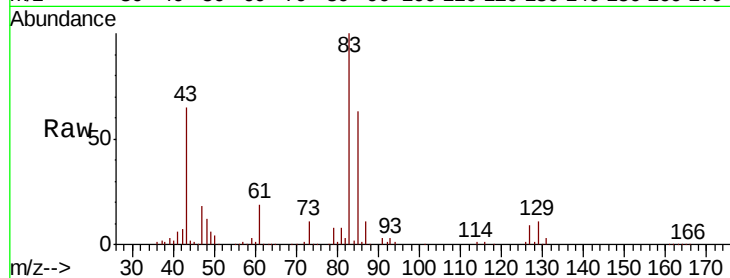
Tgt Ion: 83 Resp: 175253

Ion Ratio Lower Upper

83 100

85 63.5 50.9 76.3

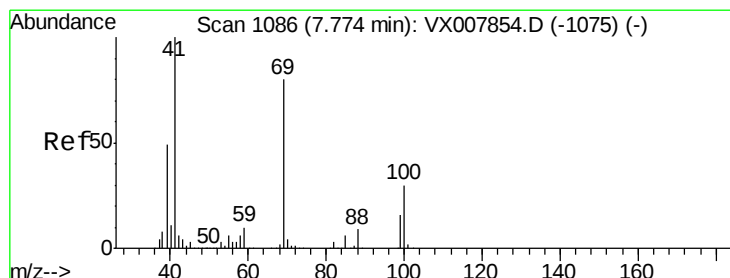
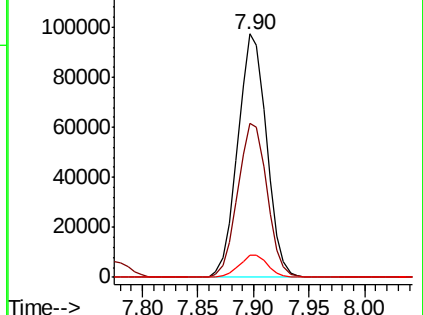
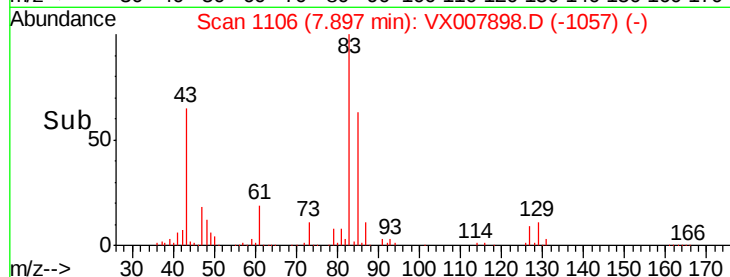
127 9.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.797 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

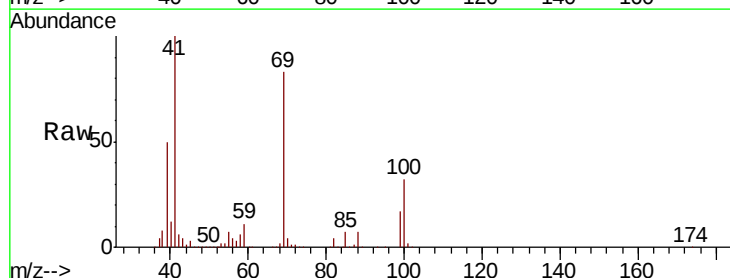
Tgt Ion: 41 Resp: 168227

Ion Ratio Lower Upper

41 100

69 82.4 65.2 97.8

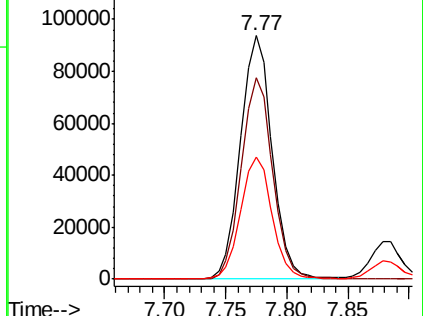
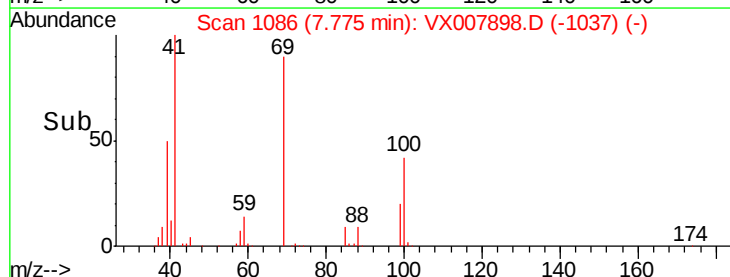
39 49.9 39.4 59.2

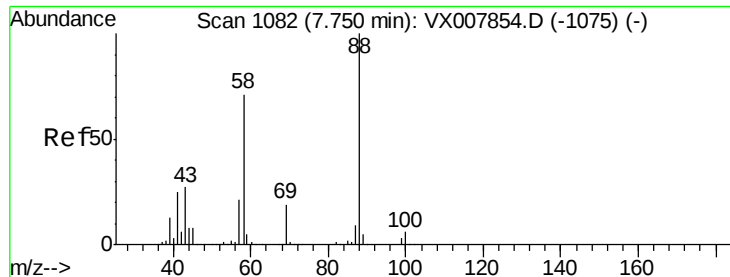


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

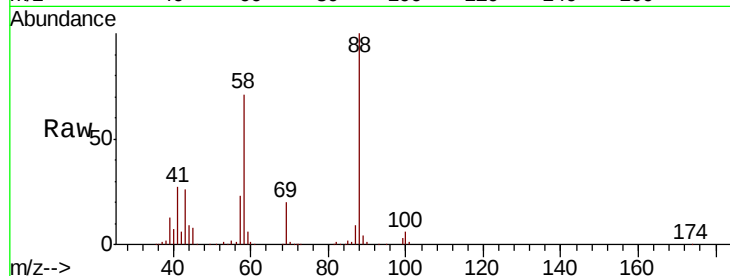




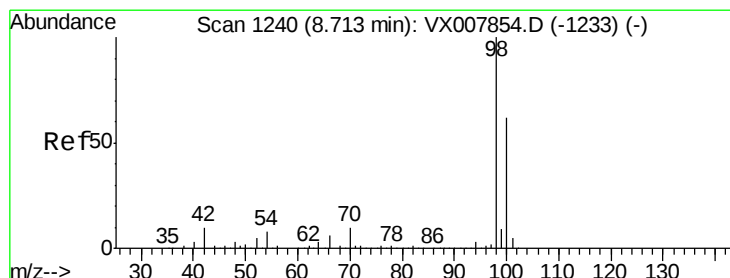
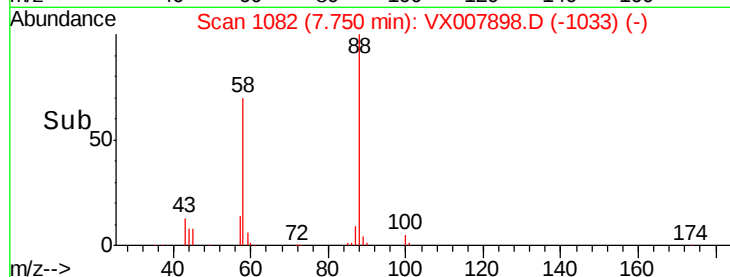
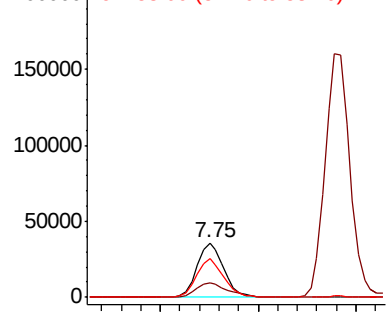
#49
1,4-Dioxane
Concen: 975.113 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 67670
Ion Ratio Lower Upper
88 100
43 32.0 25.1 37.7
58 72.1 57.8 86.6

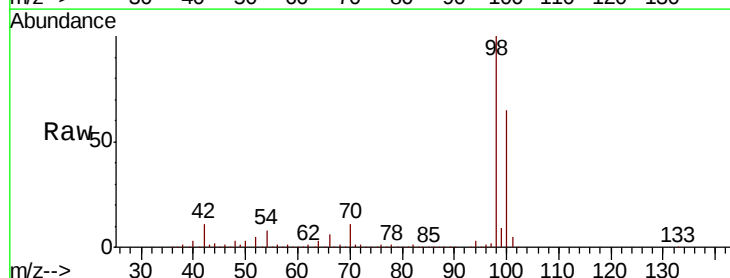


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

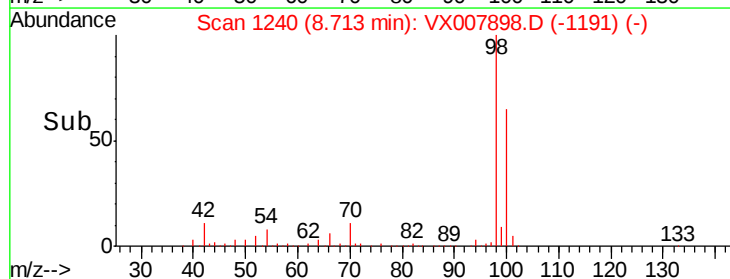
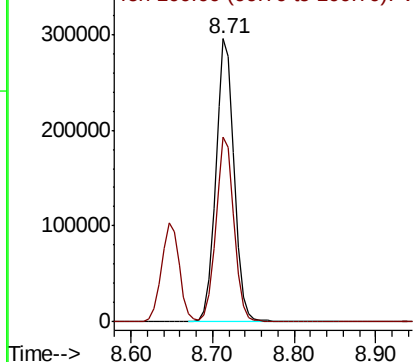


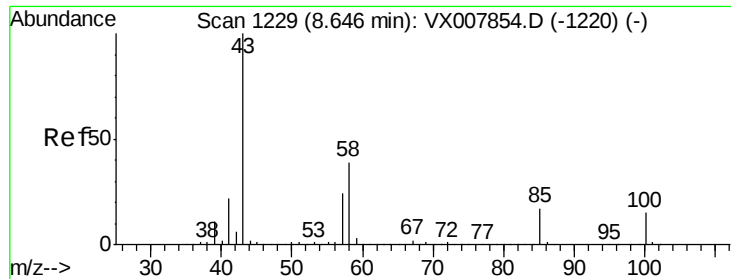
#50
Toluene-d8
Concen: 49.048 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion: 98 Resp: 465569
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



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

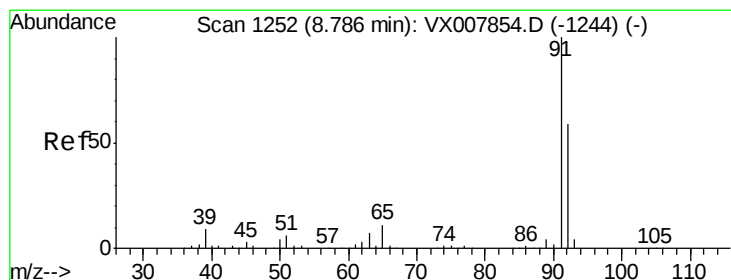
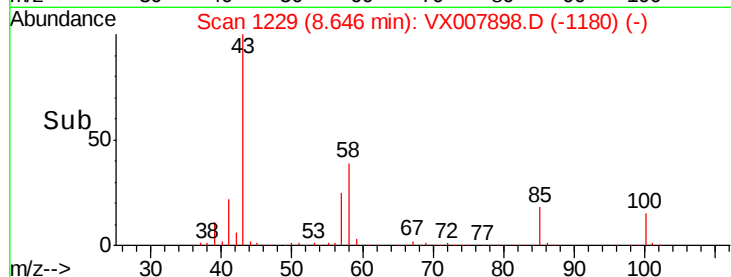
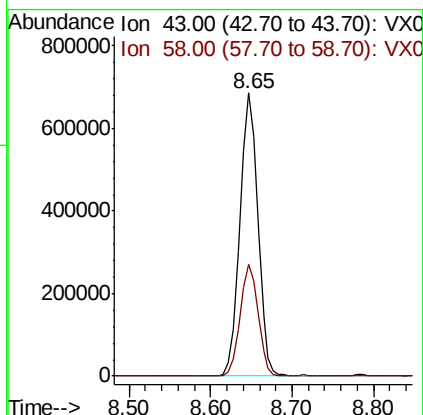
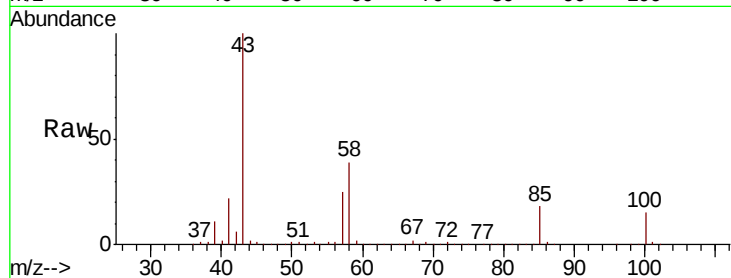




#51
 4-Methyl-2-Pentanone
 Concen: 250.570 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

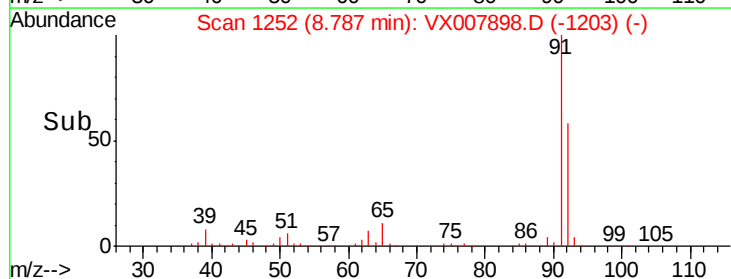
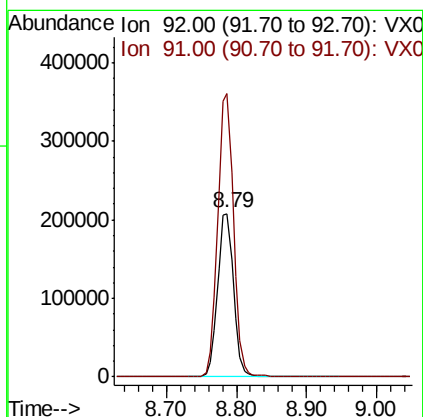
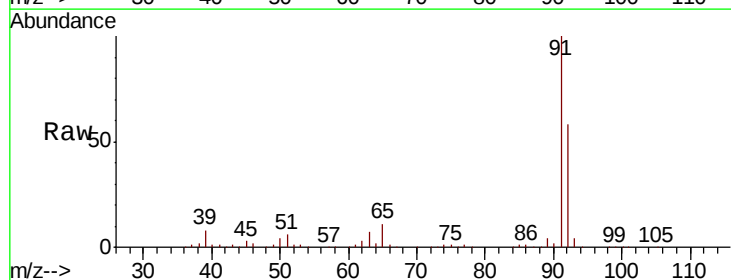
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

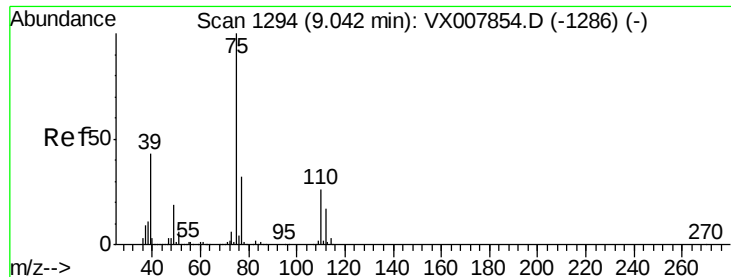
Tgt Ion: 43 Resp: 1035422
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.3 46.9



#52
 Toluene
 Concen: 49.698 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion: 92 Resp: 330477
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 51.776 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

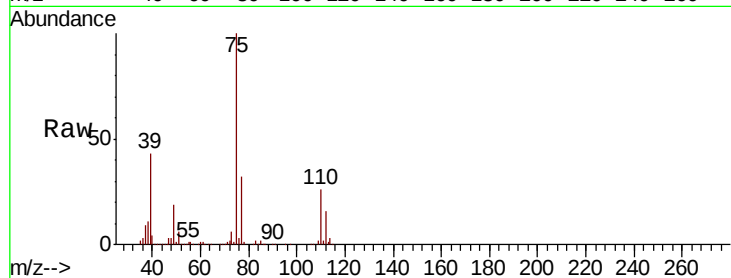
VSTDCCC050

Tgt Ion: 75 Resp: 186533

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

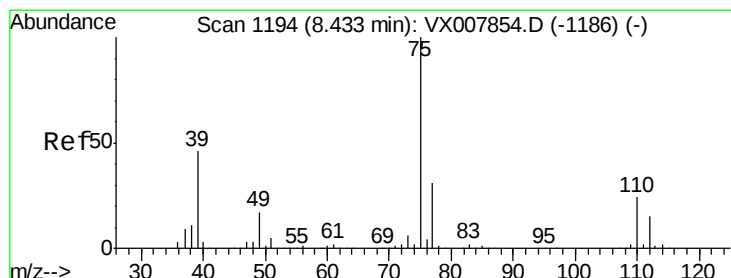
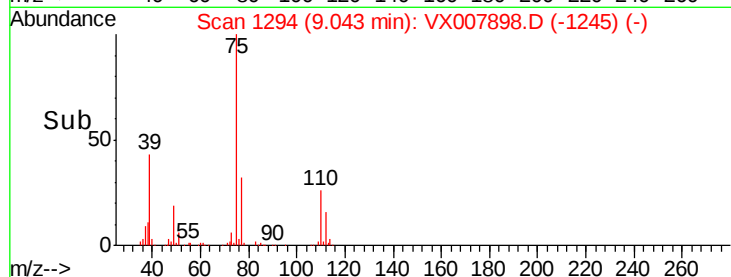
100000

50000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 51.596 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

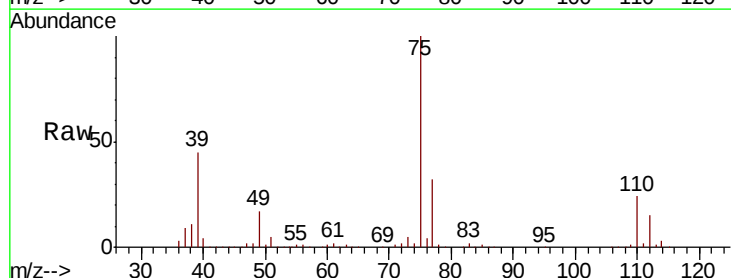
Tgt Ion: 75 Resp: 209911

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 45.3 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

150000

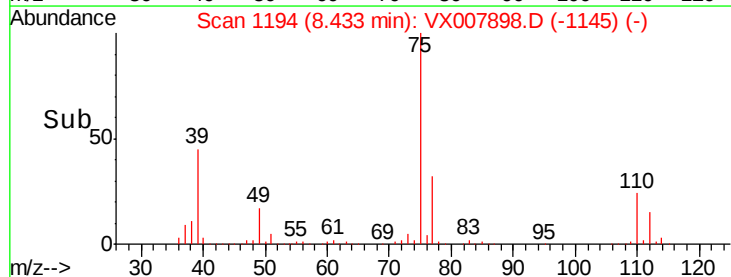
100000

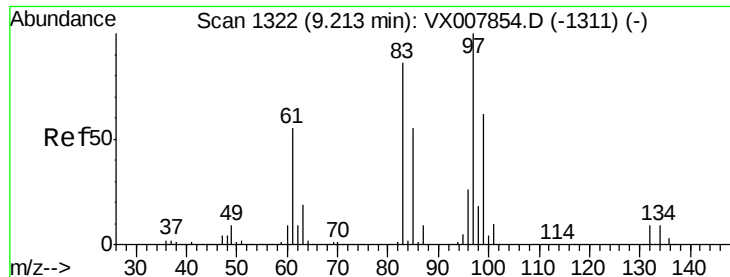
50000

0

Time-->

8.40 8.50

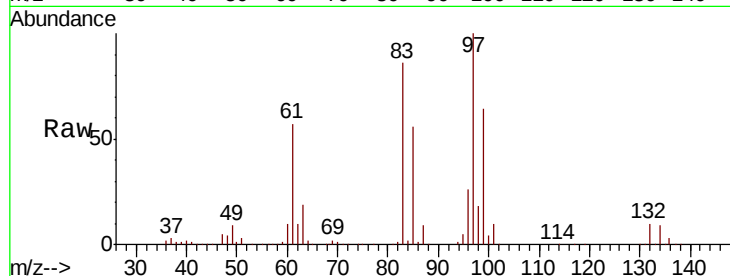




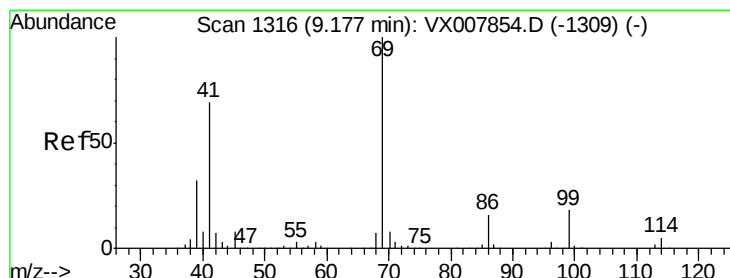
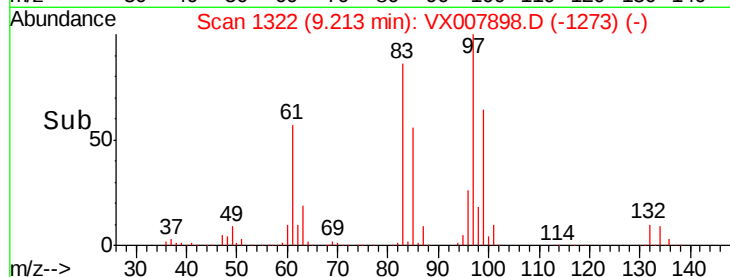
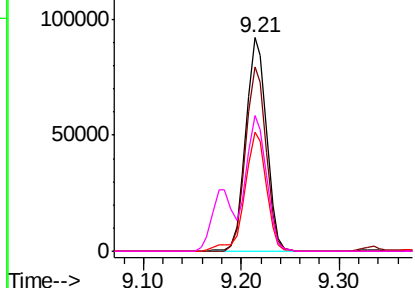
#55
 1,1,2-Trichloroethane
 Concen: 50.473 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	135869
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.1	103.7
85	55.6	44.3	66.5
99	63.6	49.8	74.8

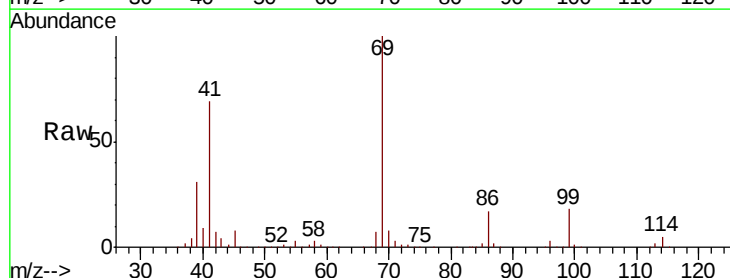


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

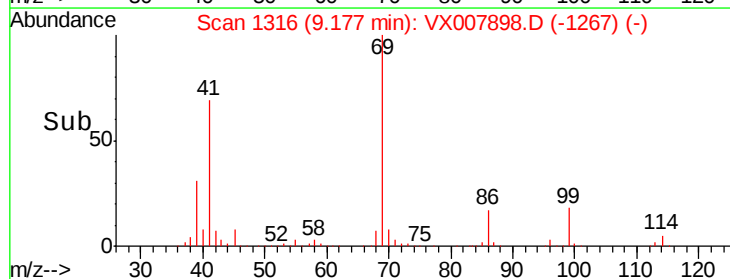
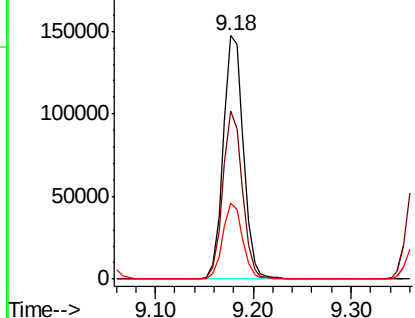


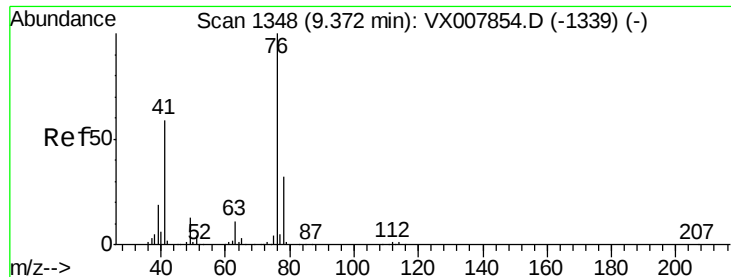
#56
 Ethyl methacrylate
 Concen: 52.119 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion:	69	Resp:	210651
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.2	81.4
39	30.6	25.0	37.4



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





#57

1,3-Dichloropropane

Concen: 49.933 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

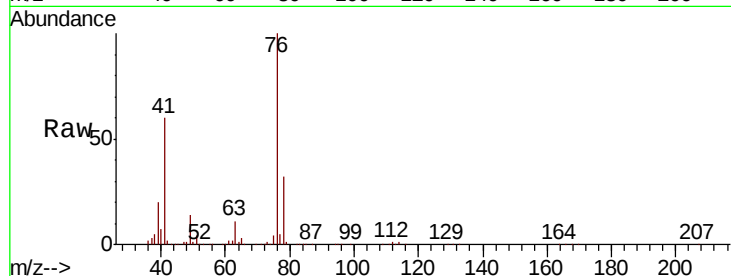
VSTDCCC050

Tgt Ion: 76 Resp: 225690

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX007854.D (-1339) (-)

Ion 77.90 (77.60 to 78.60): VX007854.D (-1339) (-)

9.37

150000

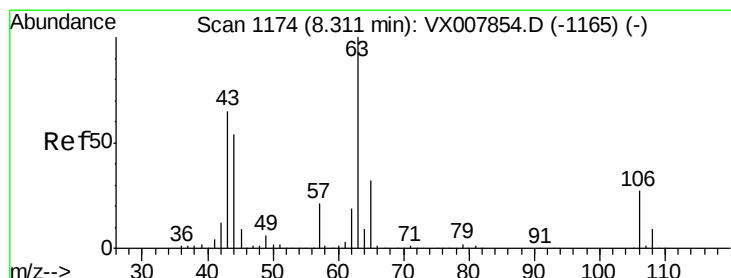
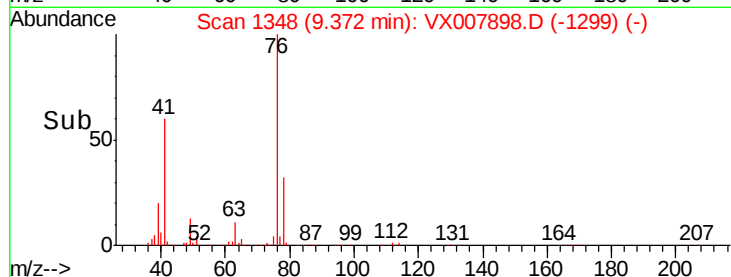
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 254.732 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007898.D

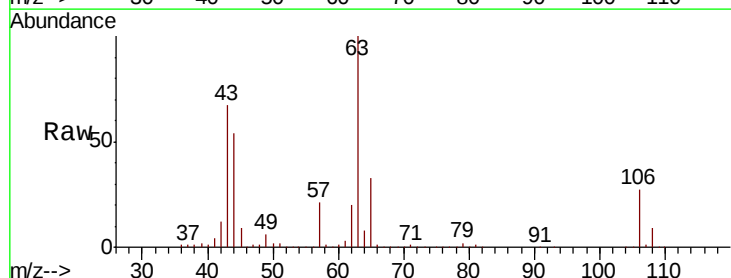
Acq: 07 Mar 2019 22:04

Tgt Ion: 63 Resp: 532570

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX007854.D (-1165) (-)

Ion 105.90 (105.60 to 106.60): VX007854.D (-1165) (-)

8.31

400000

300000

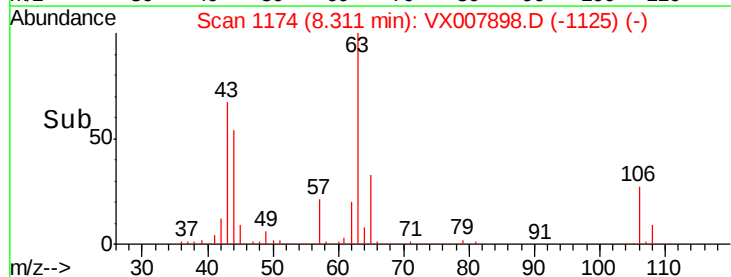
200000

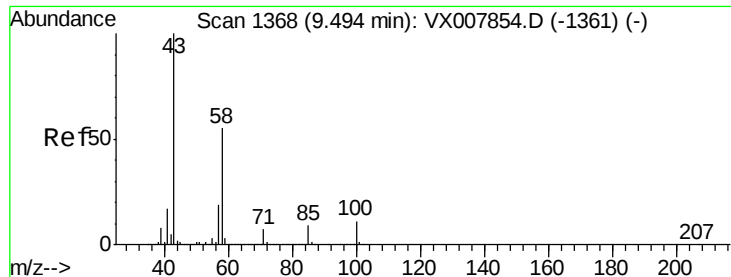
100000

0

8.20 8.30 8.40

Time-->

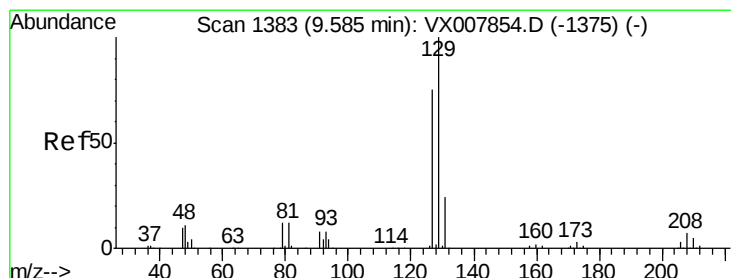
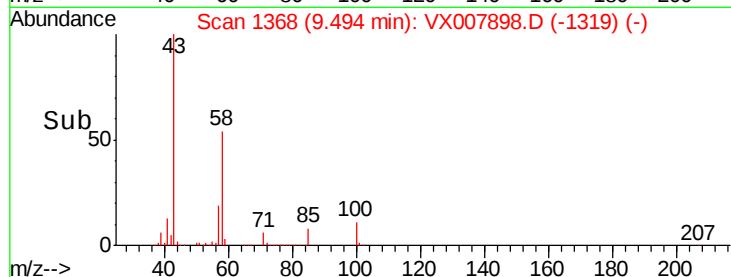
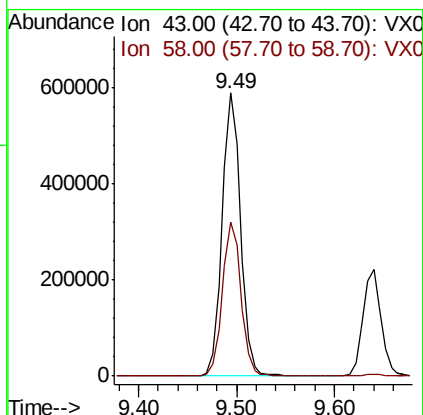
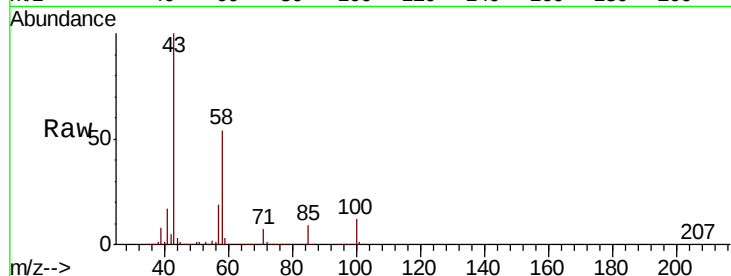




#59
2-Hexanone
Concen: 241.102 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

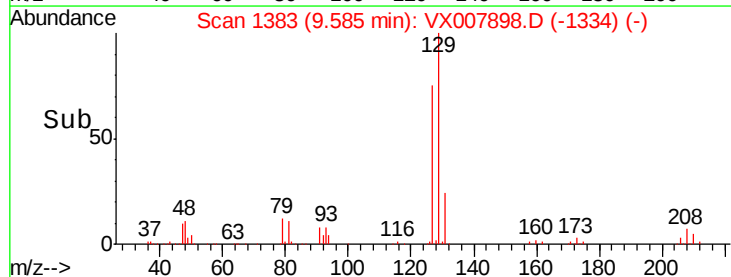
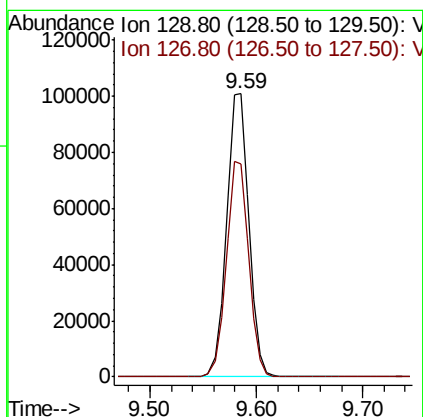
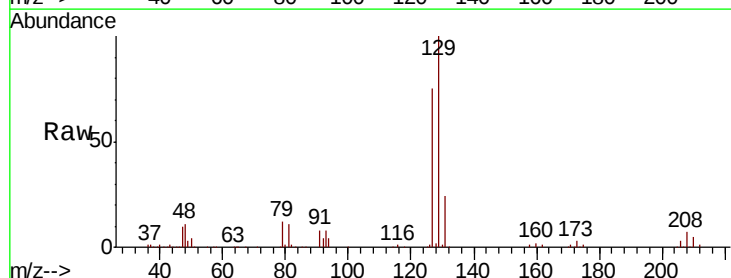
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

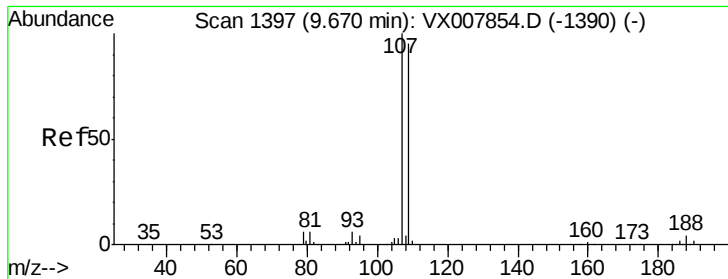
Tgt Ion: 43 Resp: 773504
Ion Ratio Lower Upper
43 100
58 55.0 27.6 82.7



#60
Dibromochloromethane
Concen: 52.502 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion: 129 Resp: 147722
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8

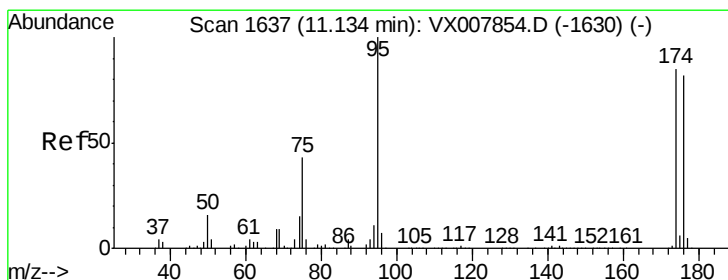
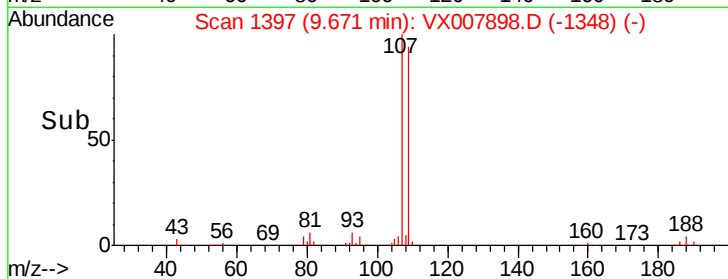
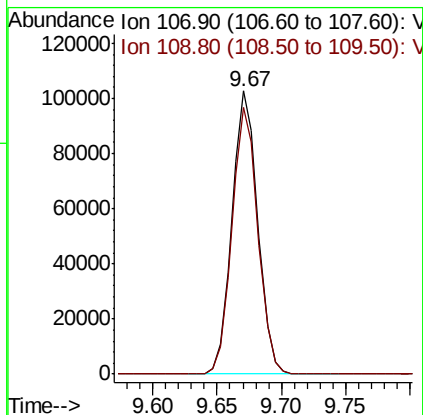
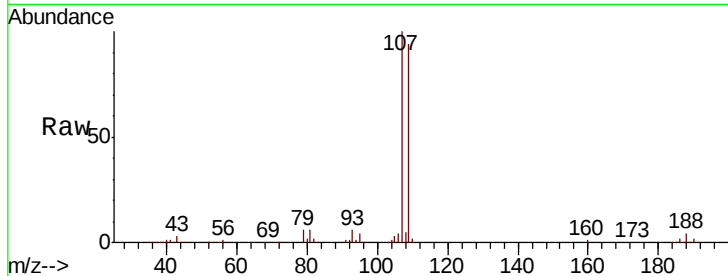




#61
 1,2-Dibromoethane
 Concen: 50.224 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

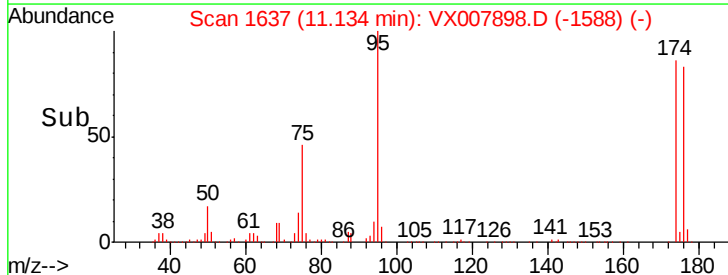
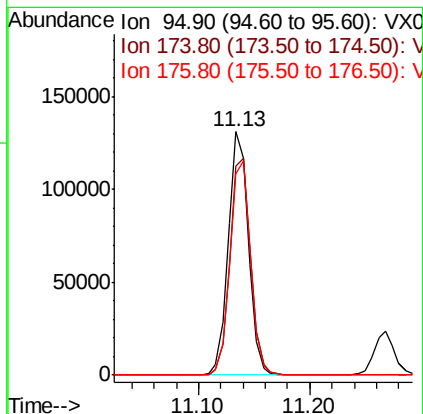
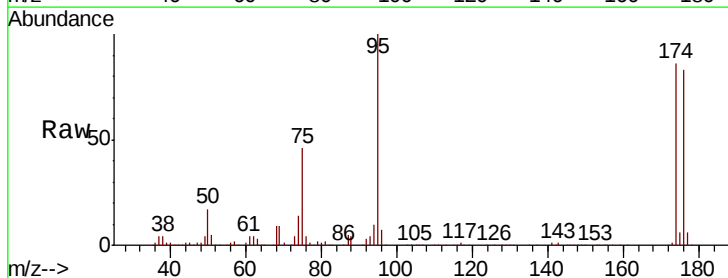
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

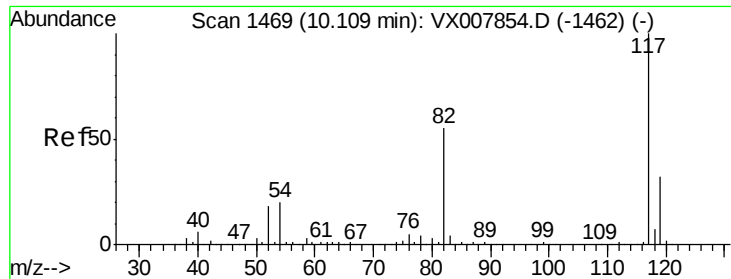
Tgt Ion: 107 Resp: 143543
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.405 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion: 95 Resp: 164417
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 182.8
 176 89.4 0.0 178.0

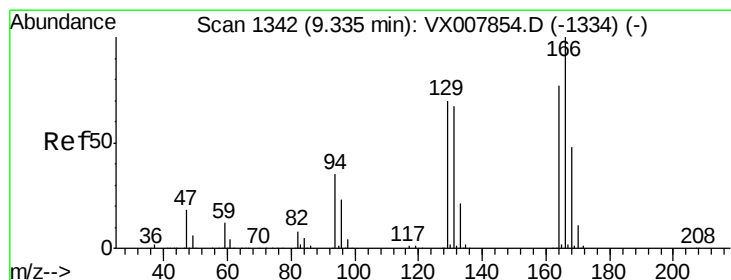
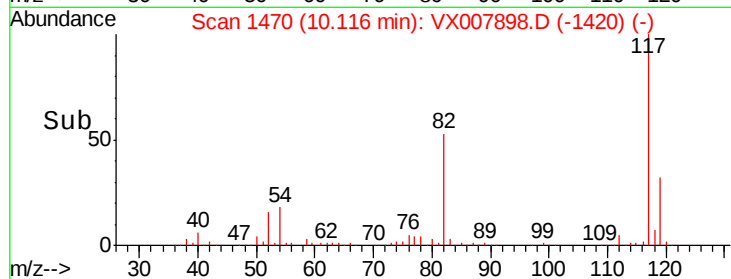
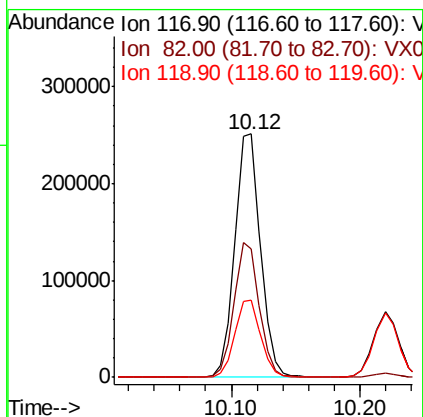
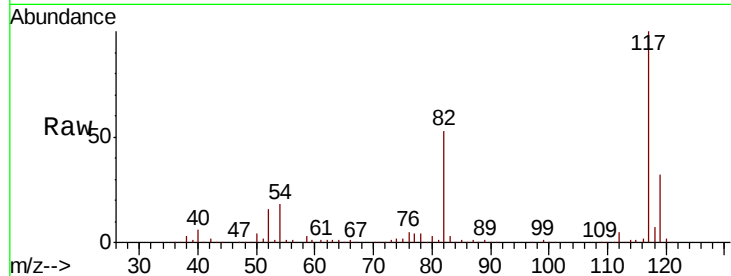




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

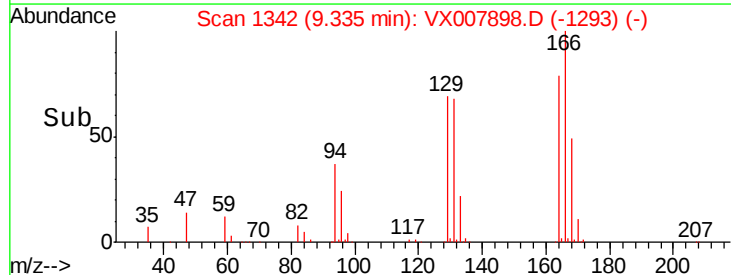
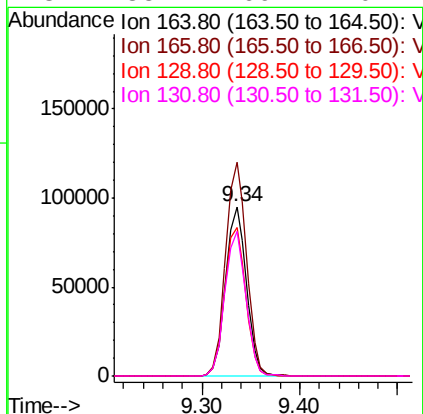
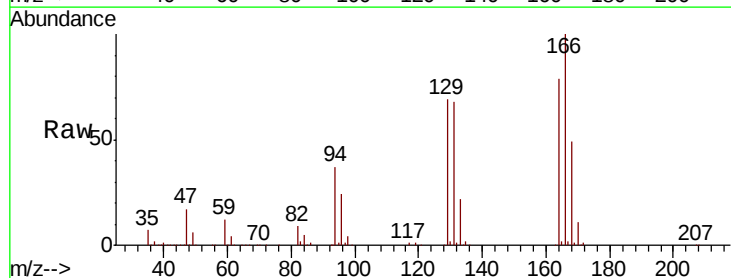
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

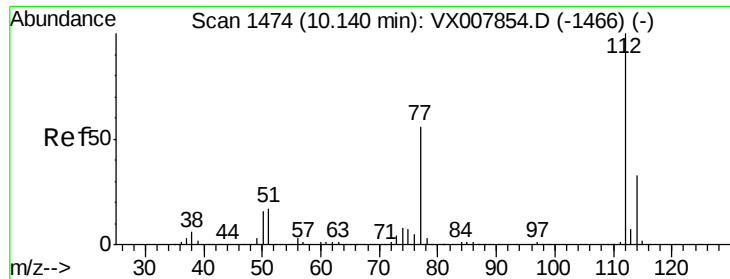
Tgt Ion:117 Resp: 351273
Ion Ratio Lower Upper
117 100
82 52.7 44.3 66.5
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 48.344 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion:164 Resp: 140727
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.0
129 87.7 72.2 108.4
131 85.4 69.4 104.2

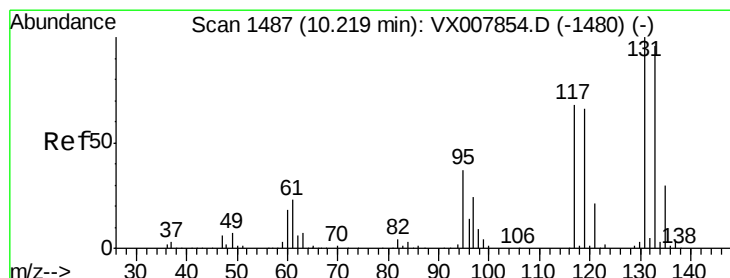
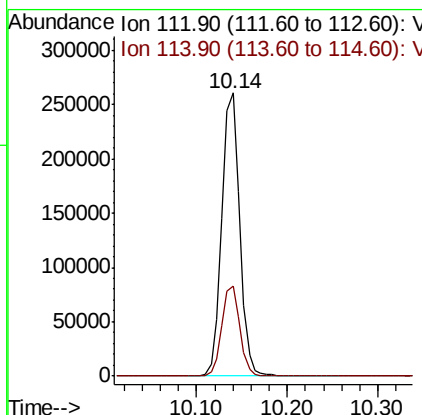
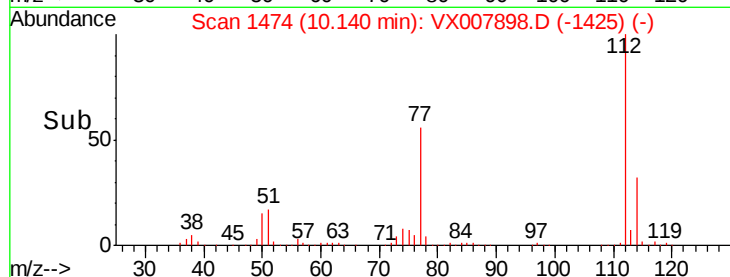
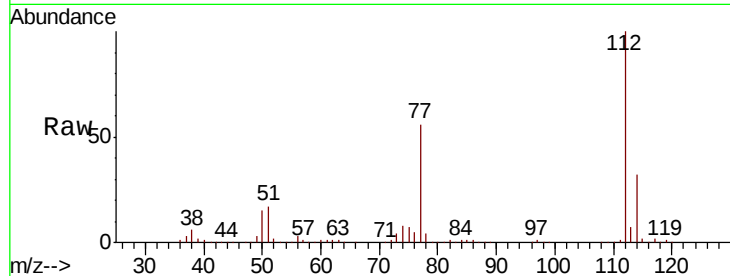




#65
Chlorobenzene
Concen: 49.022 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

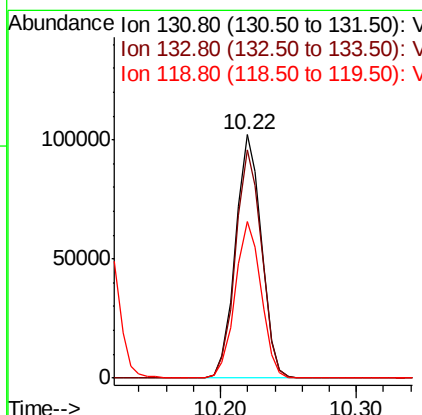
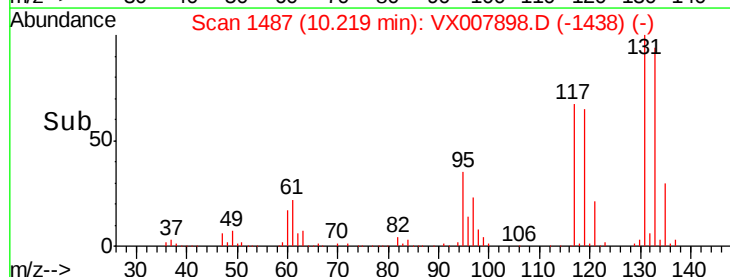
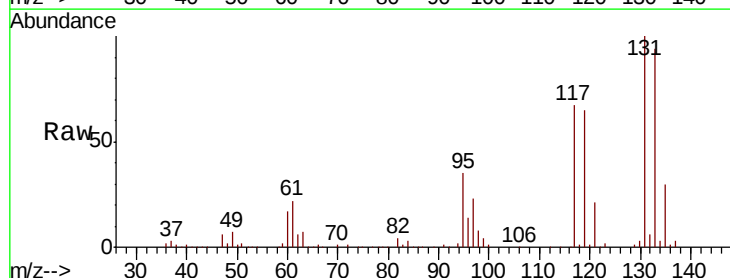
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

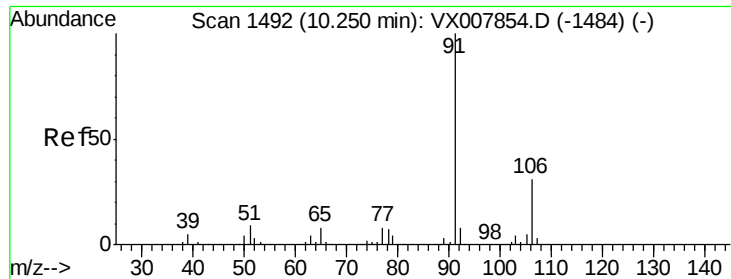
Tgt Ion:112 Resp: 360346
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.352 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion:131 Resp: 135286
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.3
119 65.0 32.5 97.5





#67

Ethyl Benzene

Concen: 50.568 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

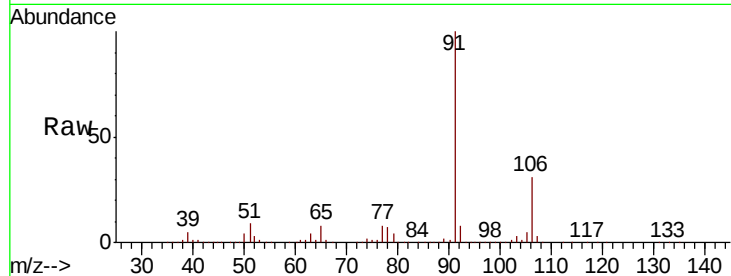
VSTDCCC050

Tgt Ion: 91 Resp: 611873

Ion Ratio Lower Upper

91 100

106 31.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX007854.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX007854.D (-1484) (-)

800000

600000

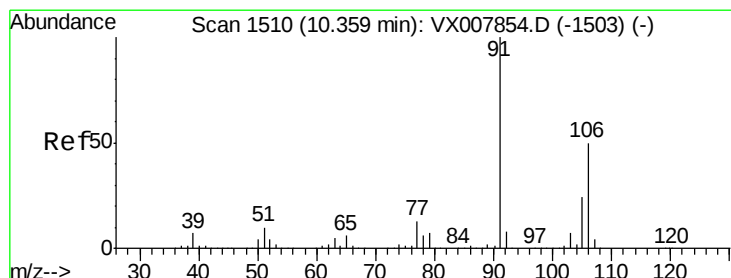
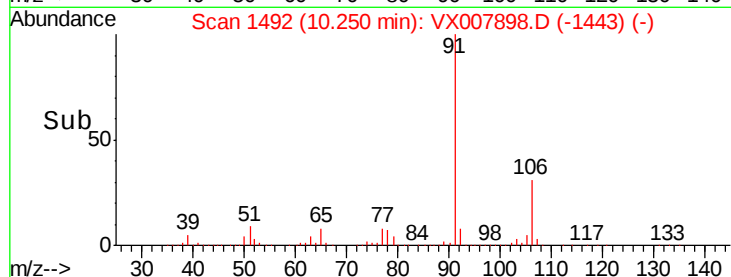
400000

200000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 101.282 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007898.D

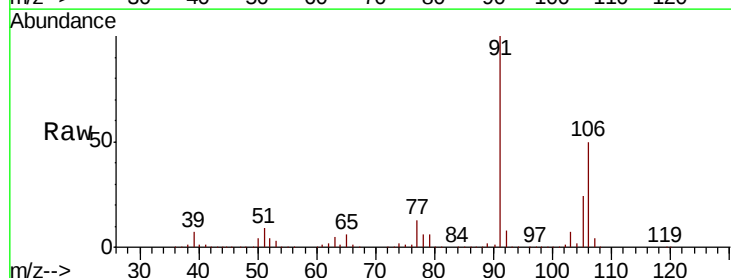
Acq: 07 Mar 2019 22:04

Tgt Ion: 106 Resp: 472372

Ion Ratio Lower Upper

106 100

91 200.1 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VX007854.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX007854.D (-1503) (-)

800000

600000

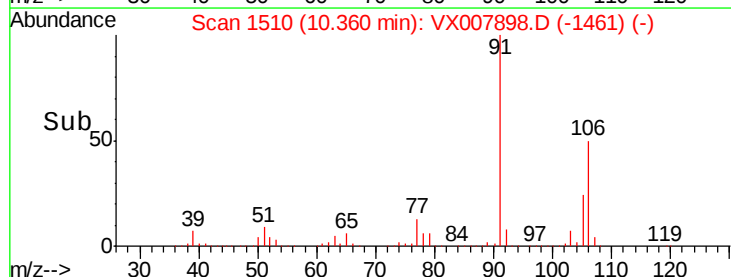
400000

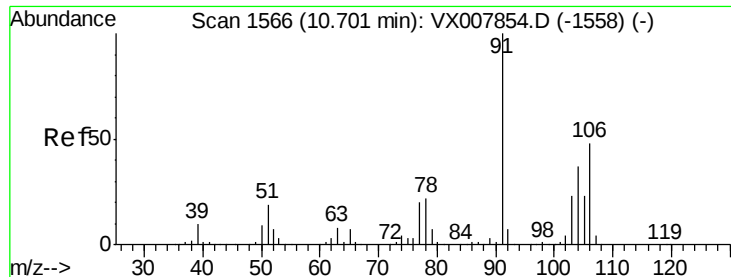
200000

0

10.30 10.36 10.40 10.50

Time-->

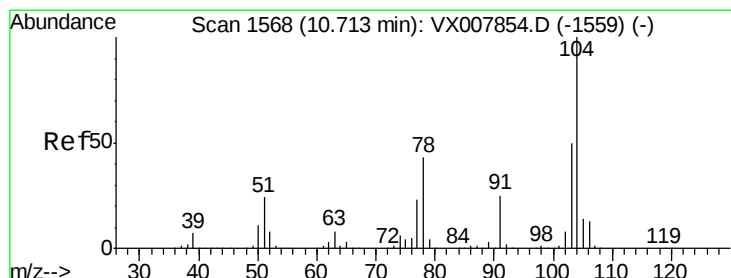
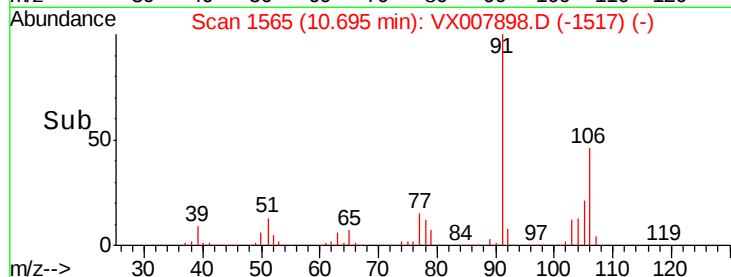
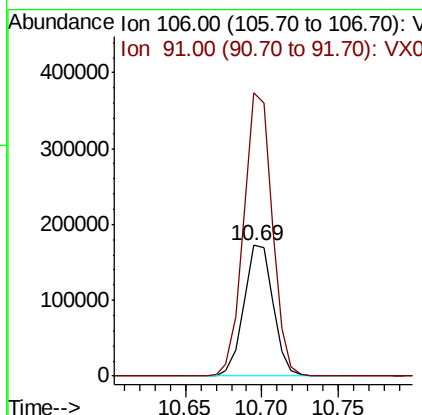
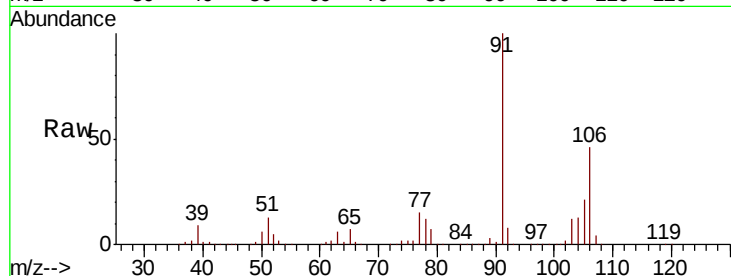




#69
o-Xylene
Concen: 50.720 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

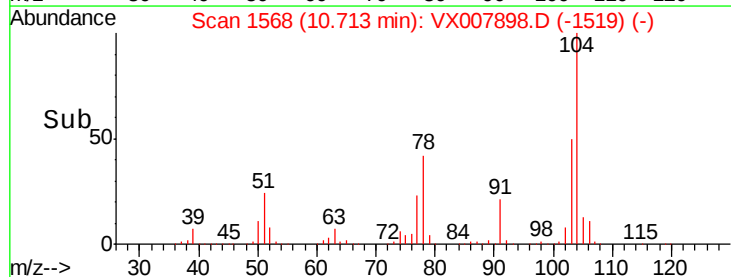
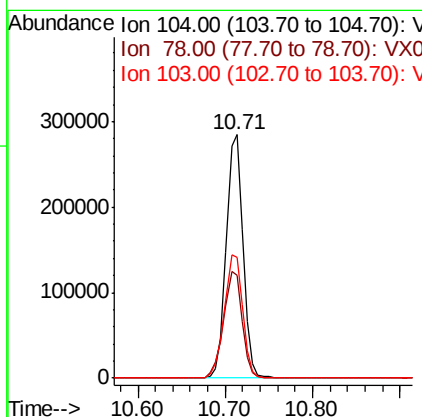
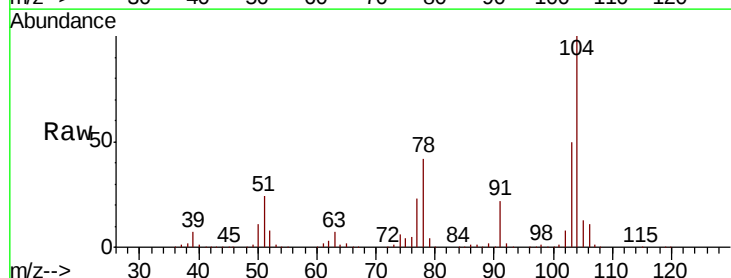
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

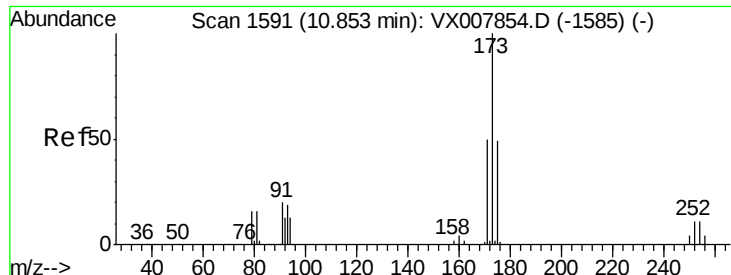
Tgt Ion:106 Resp: 228379
Ion Ratio Lower Upper
106 100
91 212.9 106.3 318.9



#70
Styrene
Concen: 51.351 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion:104 Resp: 378363
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.6 44.1 66.1

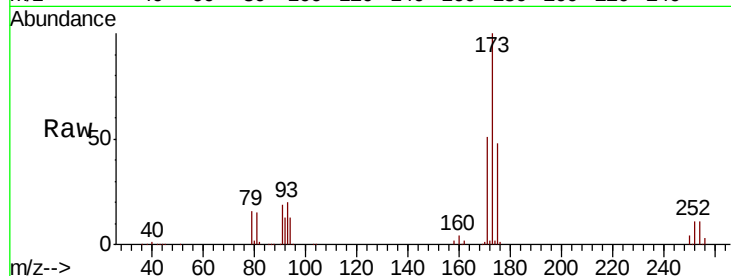




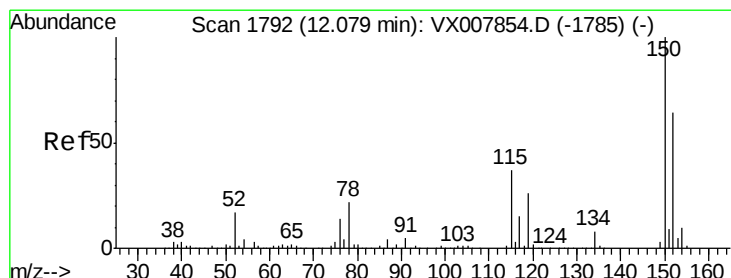
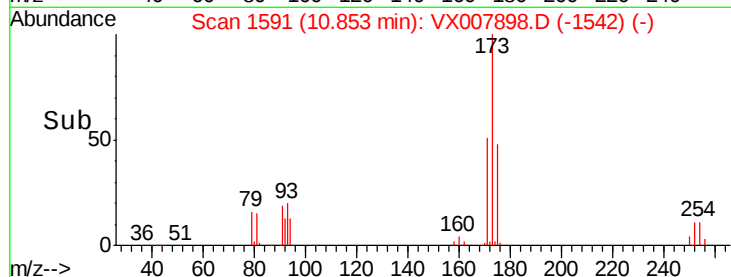
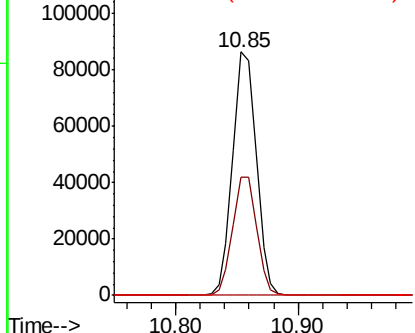
#71
Bromoform
Concen: 51.282 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 116020
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.9
254 0.2 0.1 0.1#

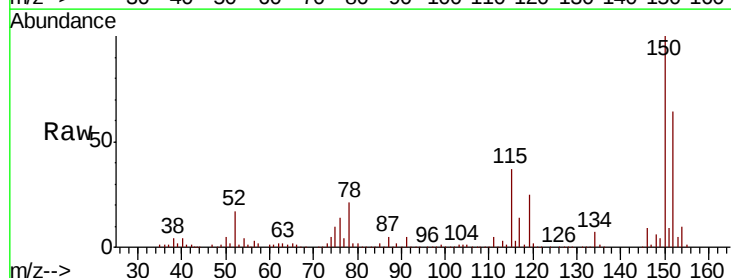


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

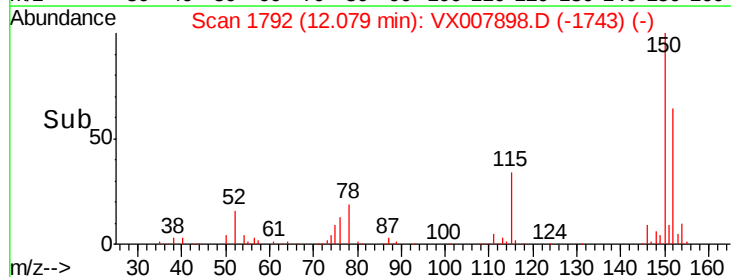
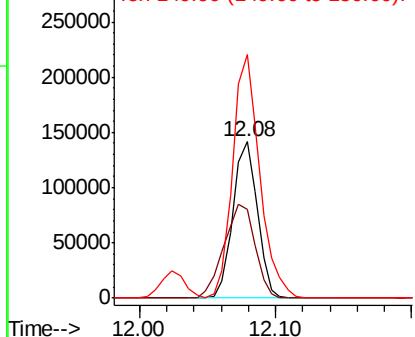


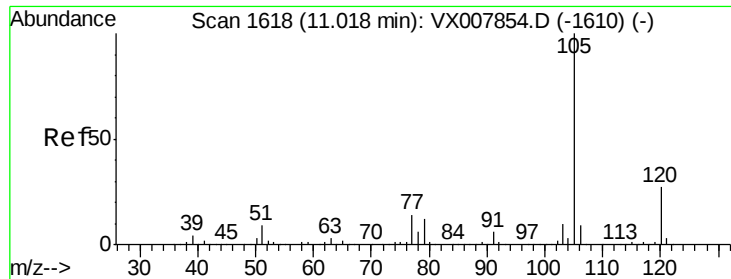
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion:152 Resp: 177296
Ion Ratio Lower Upper
152 100
115 76.2 38.6 115.7
150 171.7 0.0 348.4



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





#73

Isopropylbenzene

Concen: 50.949 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampled :

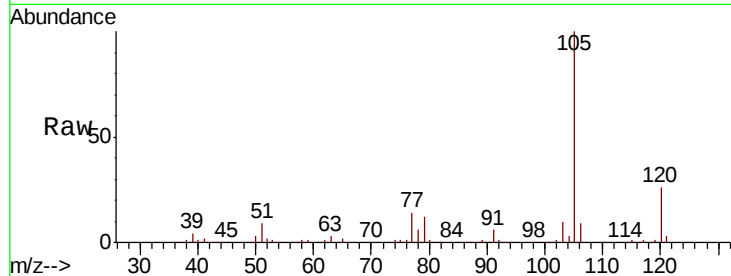
VSTDCCC050

Tgt Ion:105 Resp: 610921

Ion Ratio Lower Upper

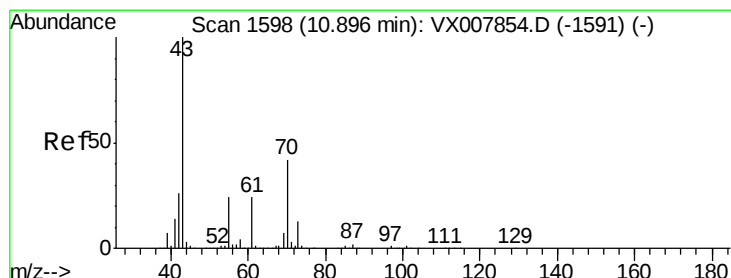
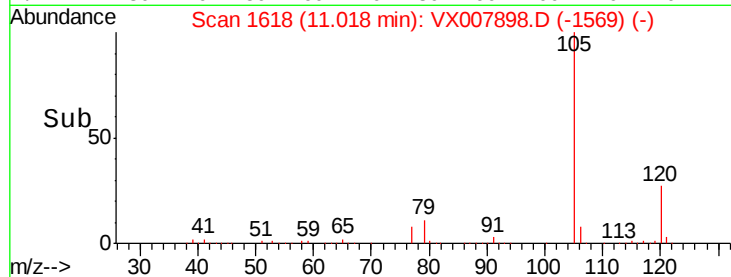
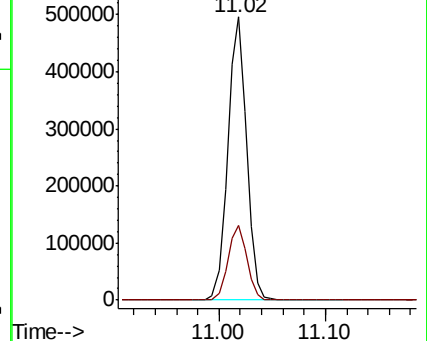
105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.441 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Tgt Ion: 43 Resp: 276122

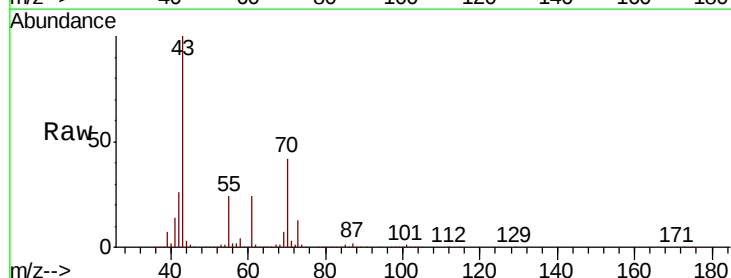
Ion Ratio Lower Upper

43 100

70 42.2 33.5 50.3

55 24.5 19.2 28.8

61 24.4 19.0 28.6

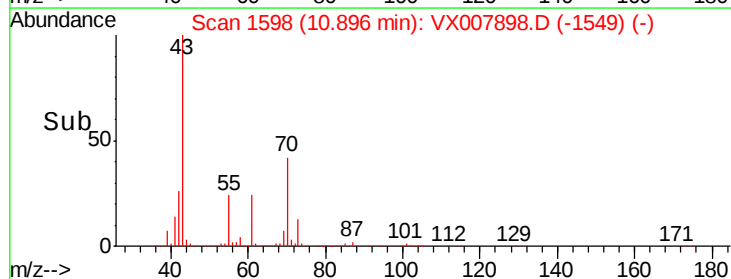
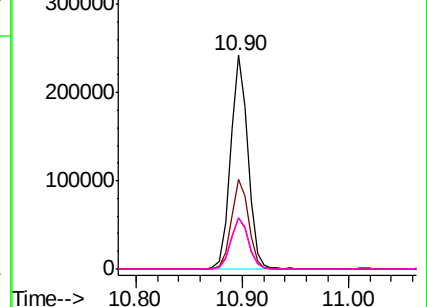


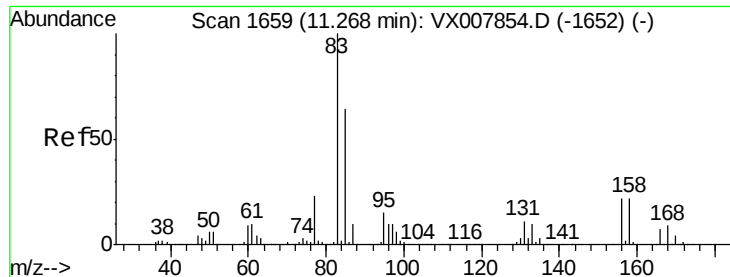
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.398 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

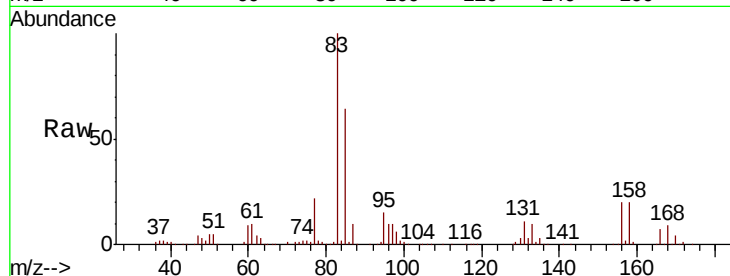
Tgt Ion: 83 Resp: 200177

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

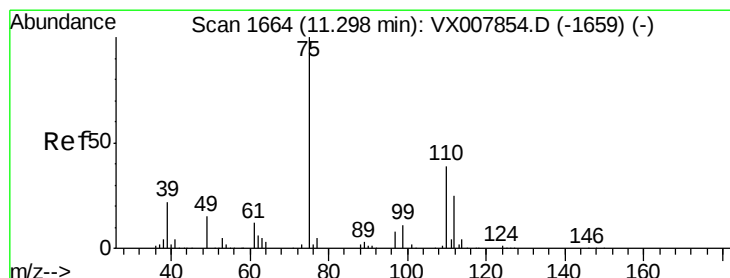
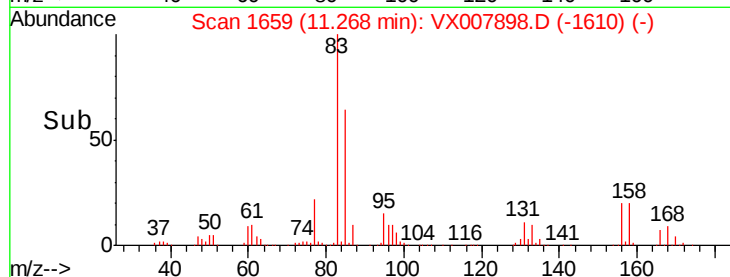
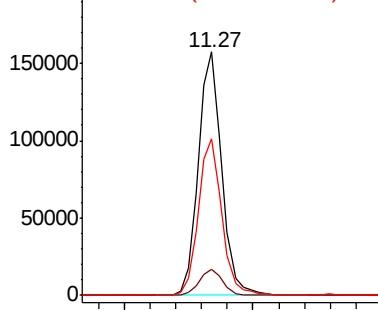
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.801 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007898.D

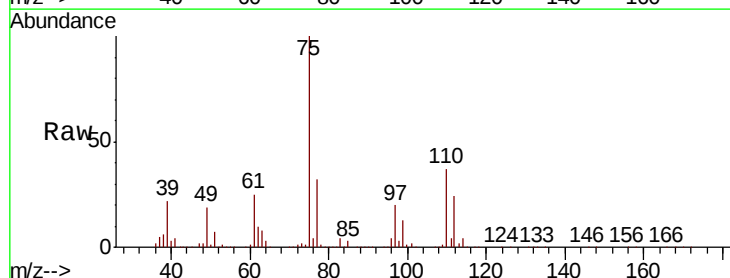
Acq: 07 Mar 2019 22:04

Tgt Ion: 75 Resp: 229926

Ion Ratio Lower Upper

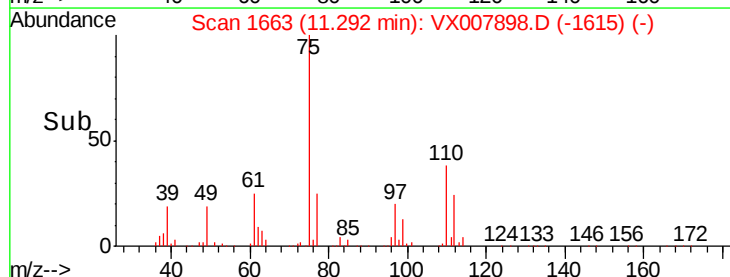
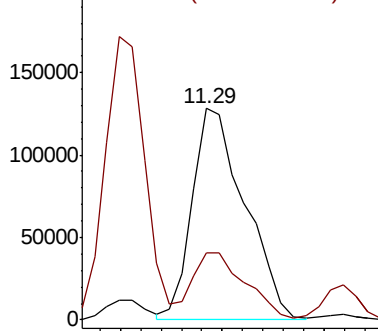
75 100

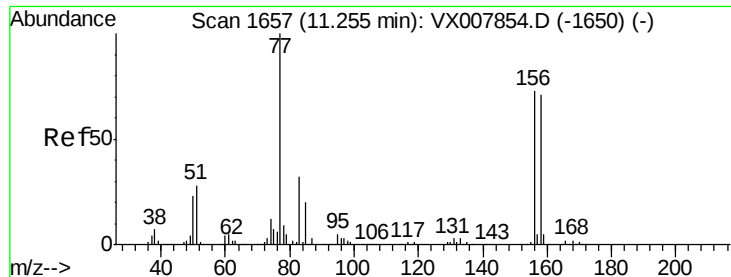
77 32.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.197 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

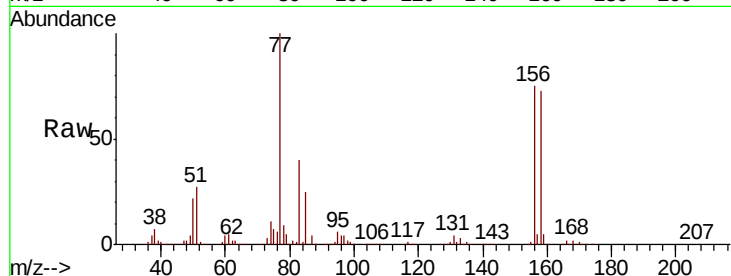
Tgt Ion:156 Resp: 161733

Ion Ratio Lower Upper

156 100

77 143.2 72.0 215.9

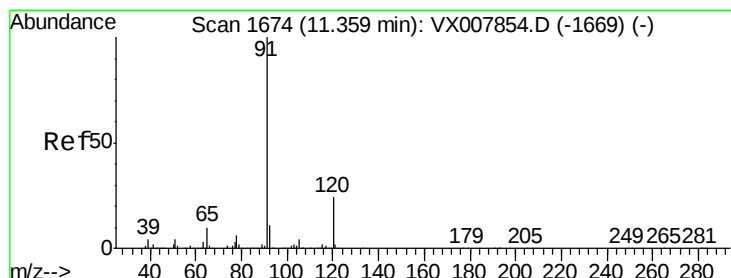
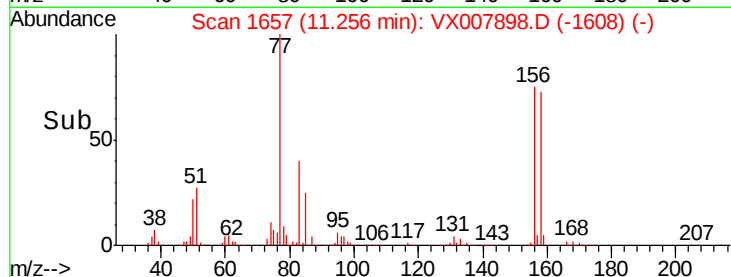
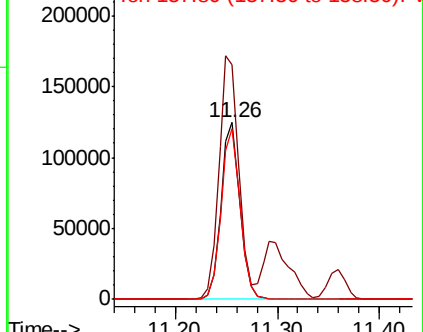
158 96.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.148 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007898.D

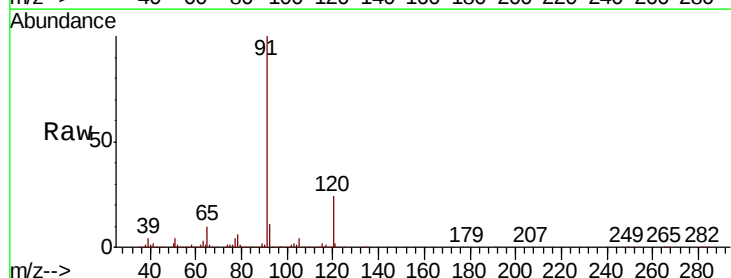
Acq: 07 Mar 2019 22:04

Tgt Ion: 91 Resp: 680393

Ion Ratio Lower Upper

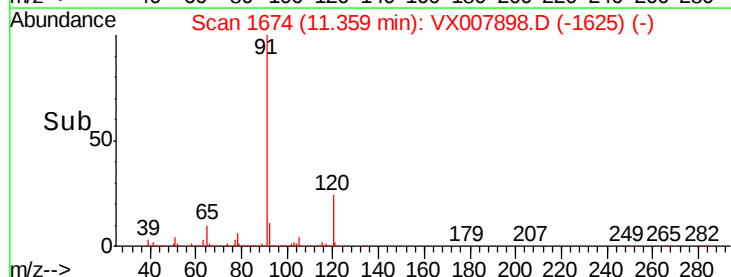
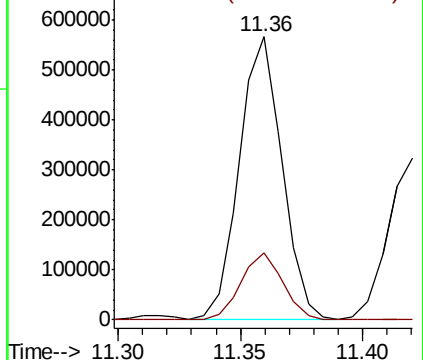
91 100

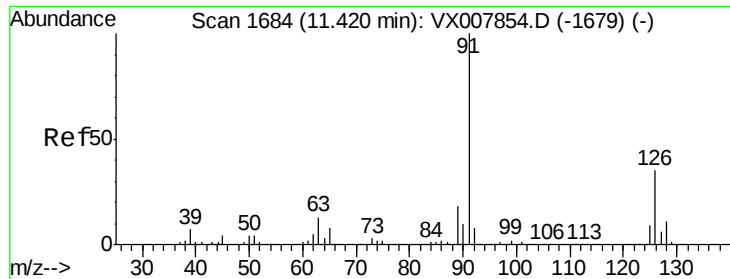
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

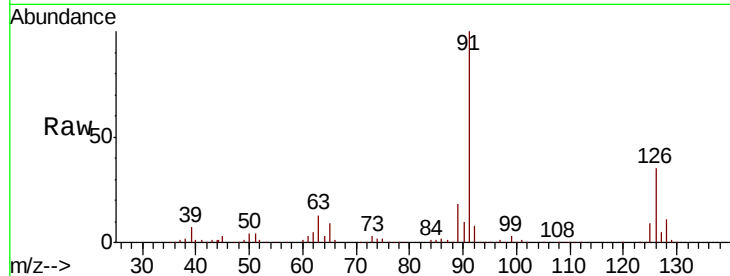




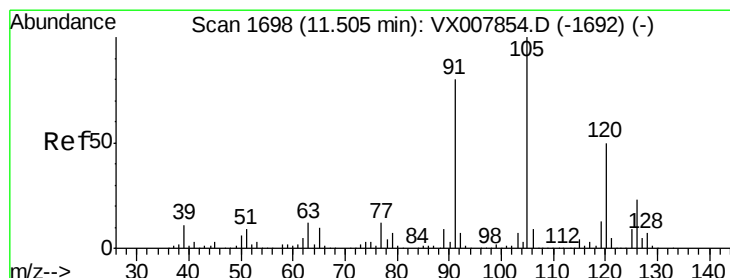
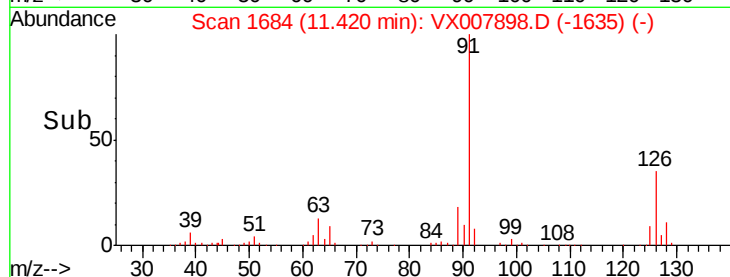
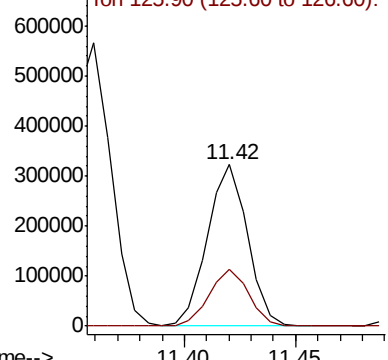
#79
 2-Chlorotoluene
 Concen: 49.688 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 404132
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.5 52.6

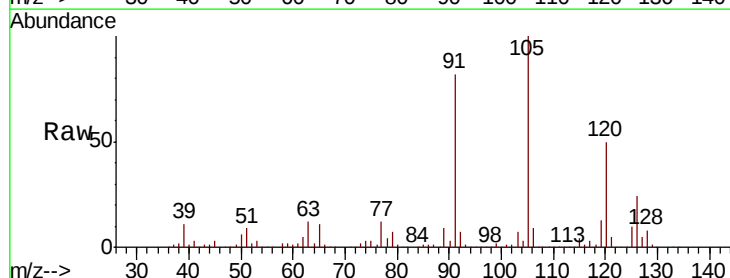


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

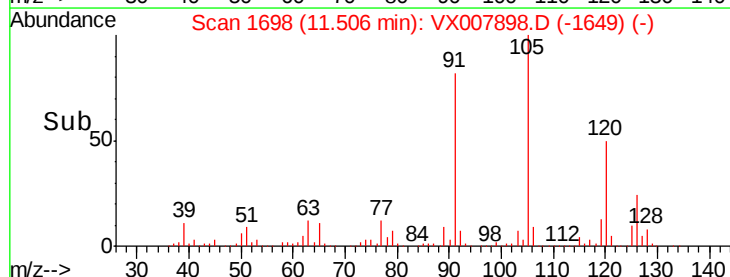
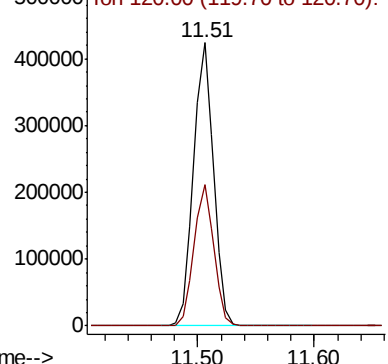


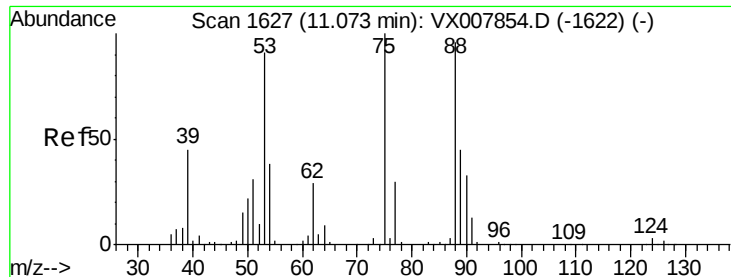
#80
 1,3,5-Trimethylbenzene
 Concen: 50.710 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion: 105 Resp: 500465
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 49.820 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

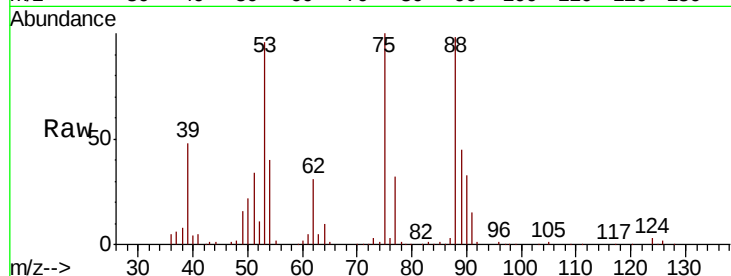
Tgt Ion: 75 Resp: 57986

Ion Ratio Lower Upper

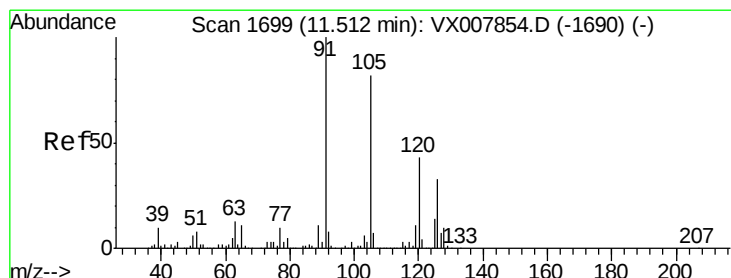
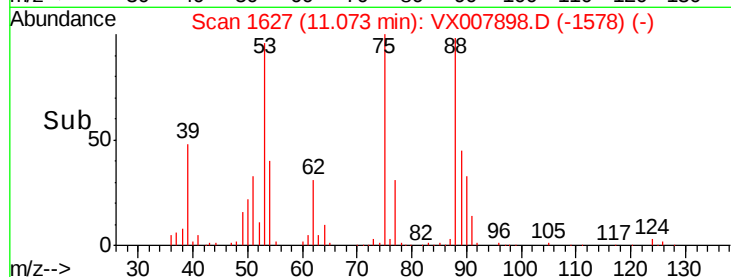
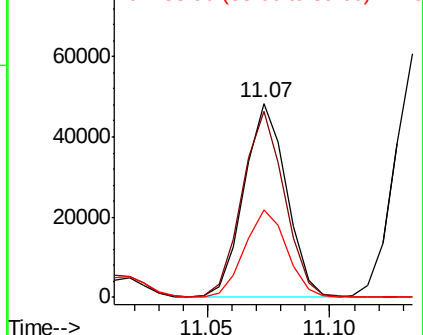
75 100

53 96.9 76.1 114.1

89 45.4 36.3 54.5



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: 49.990 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007898.D

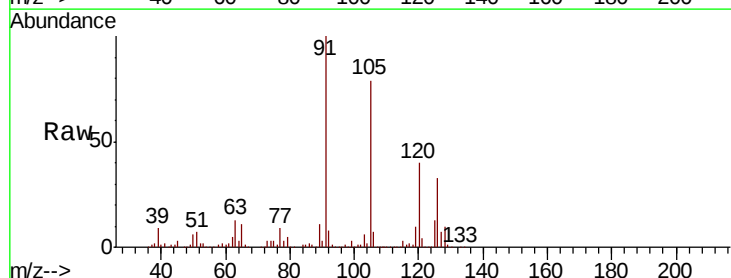
Acq: 07 Mar 2019 22:04

Tgt Ion: 91 Resp: 465953

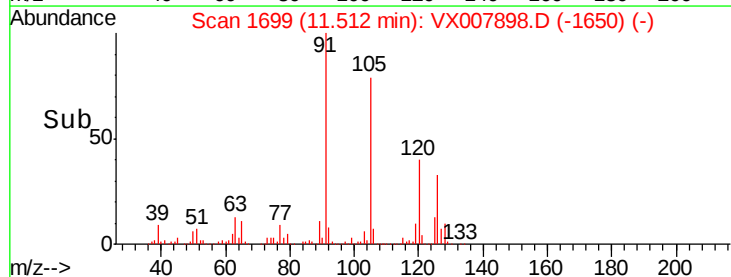
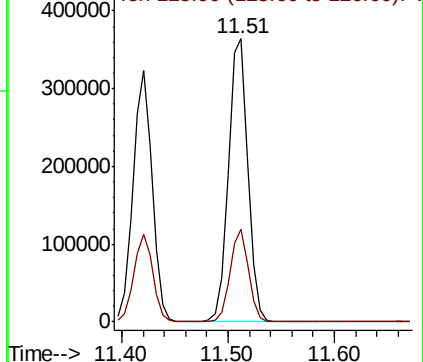
Ion Ratio Lower Upper

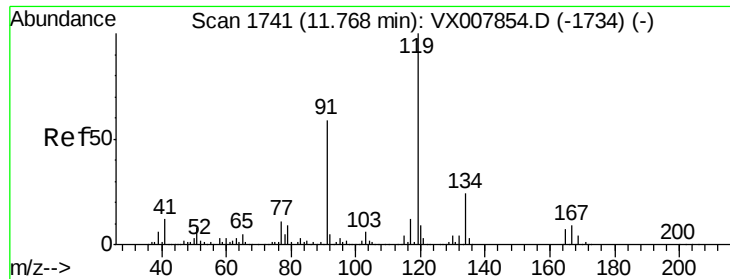
91 100

126 31.2 15.6 46.8



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

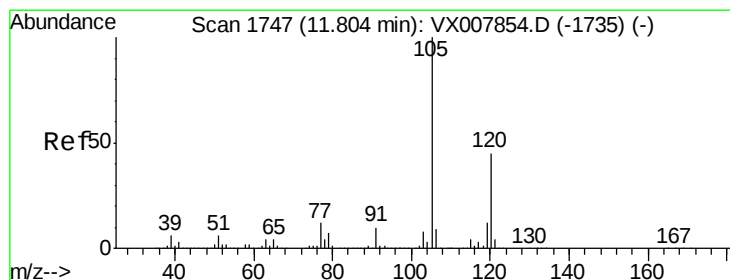
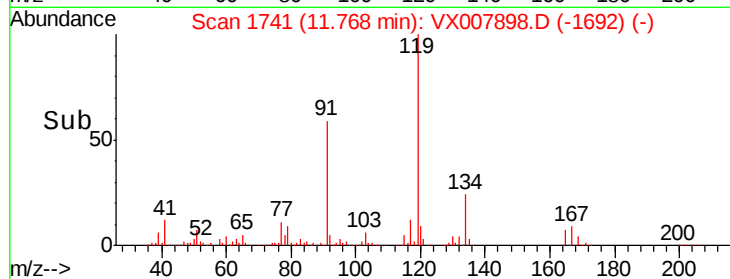
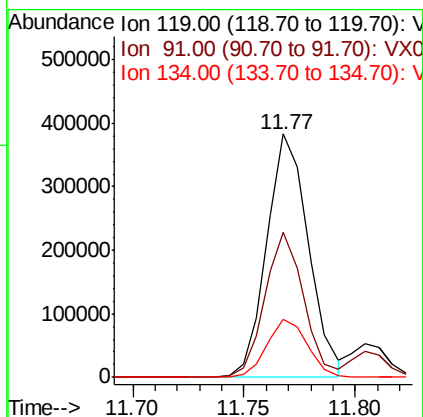
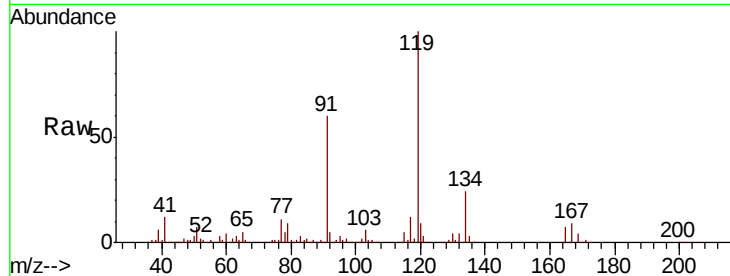




#83
 tert-Butylbenzene
 Concen: 50.010 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

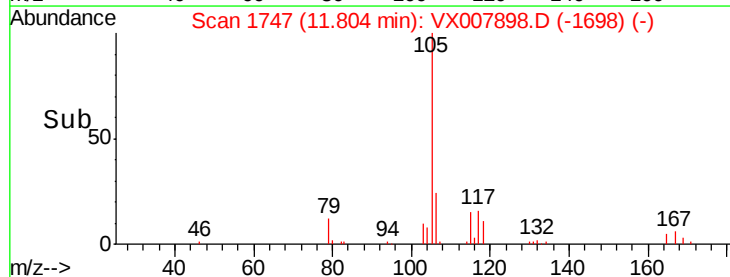
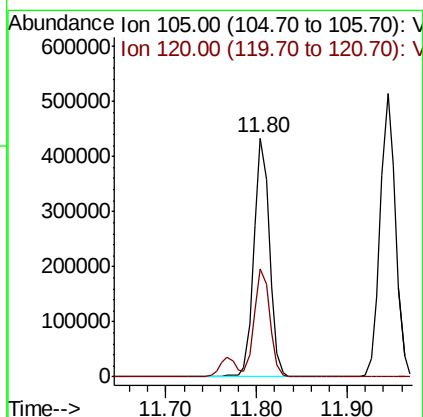
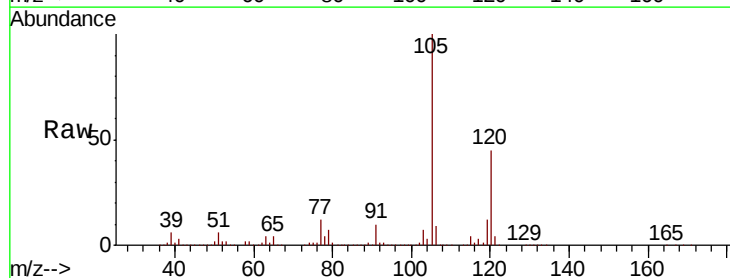
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

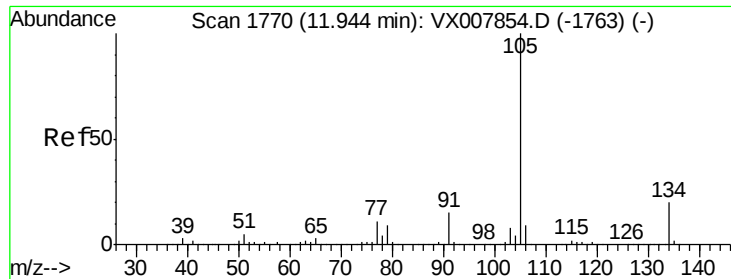
Tgt Ion:119 Resp: 497149
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.1 81.3
 134 23.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.962 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion:105 Resp: 515583
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7

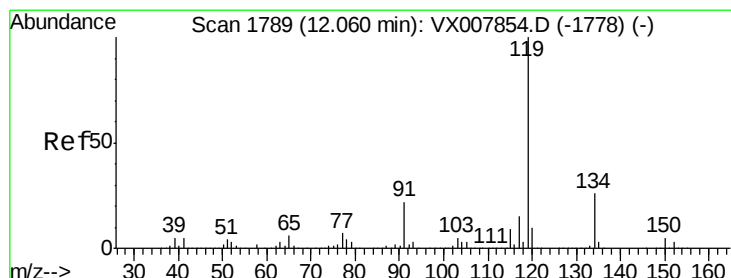
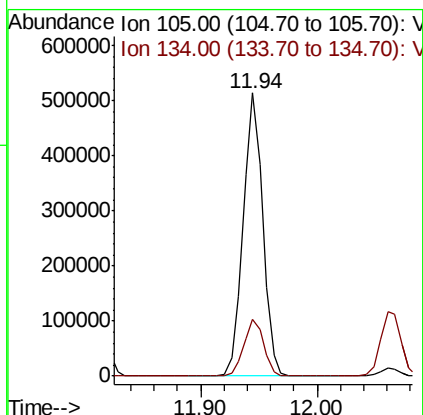
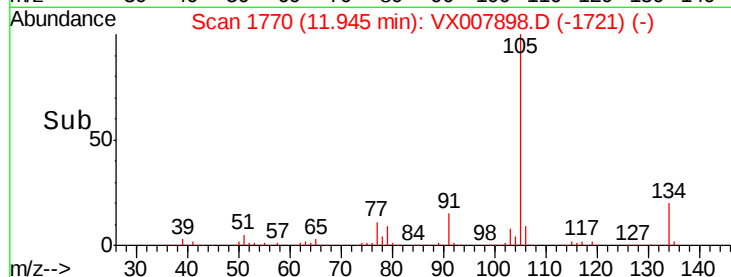
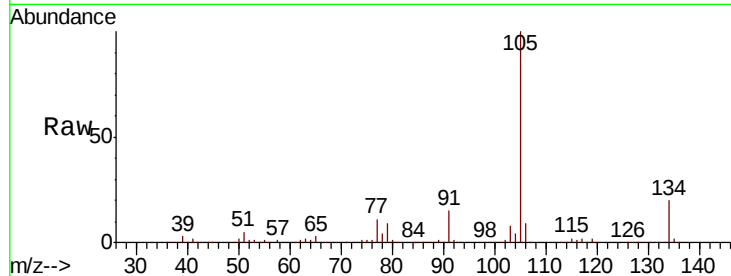




#85
 sec-Butylbenzene
 Concen: 51.781 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

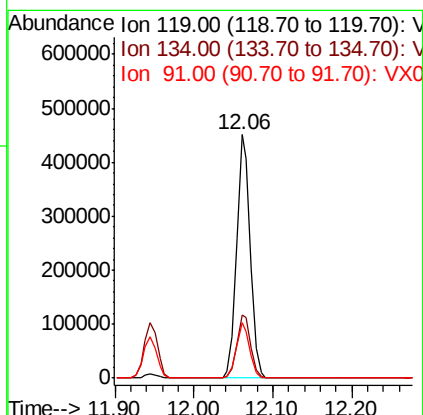
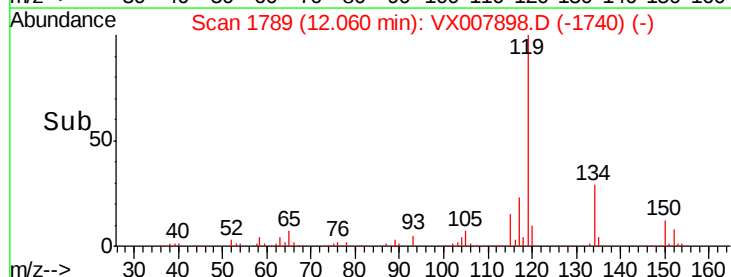
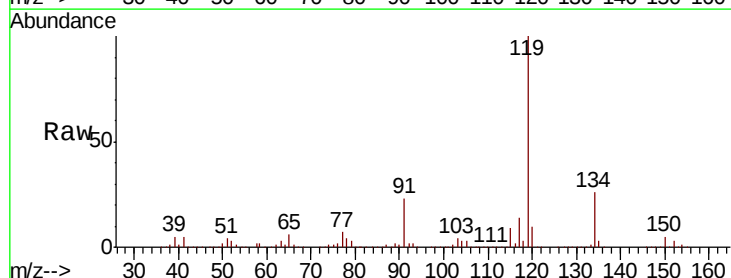
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

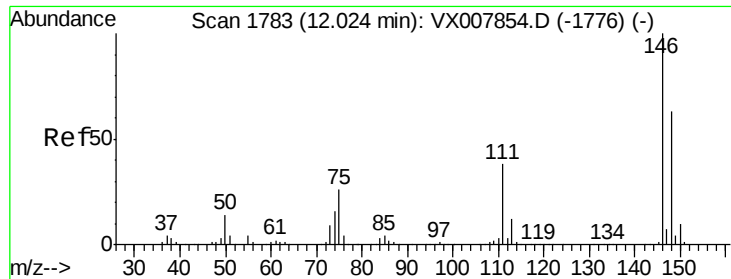
Tgt Ion:105 Resp: 606262
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 51.718 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion:119 Resp: 542287
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 22.0 10.9 32.7

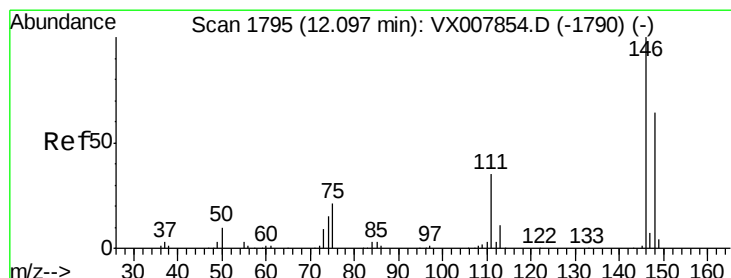
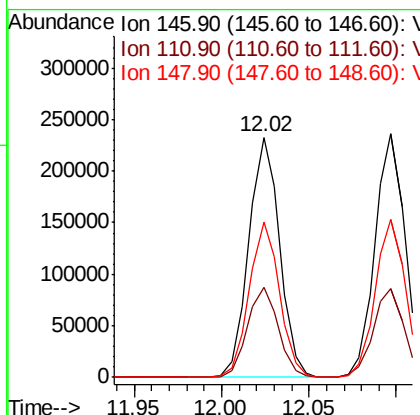
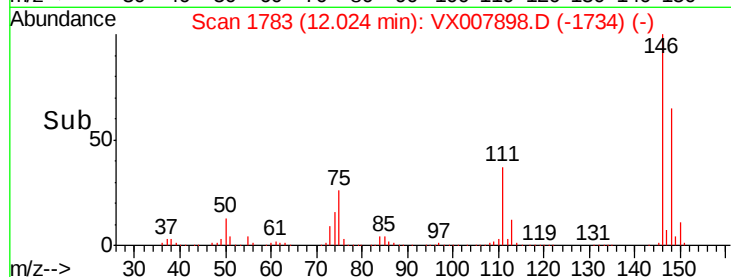
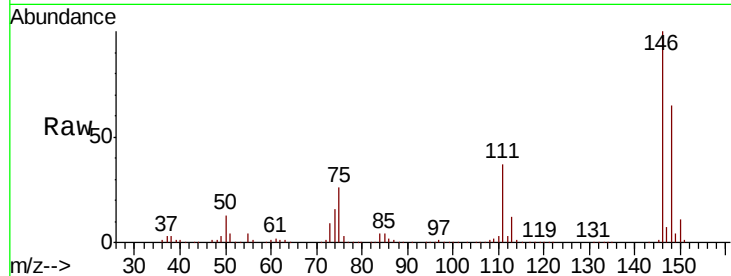




#87
 1,3-Dichlorobenzene
 Concen: 49.004 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

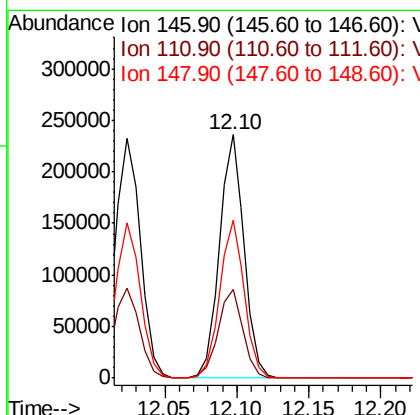
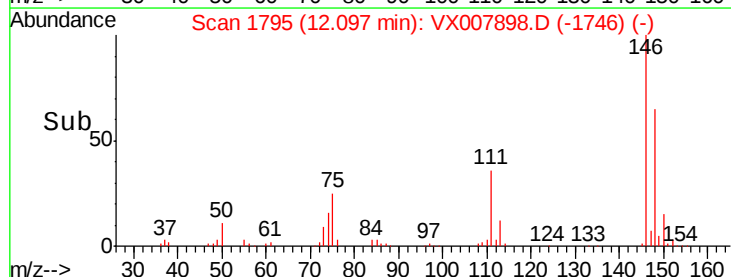
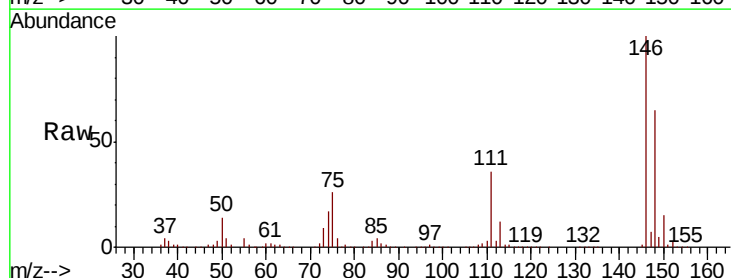
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

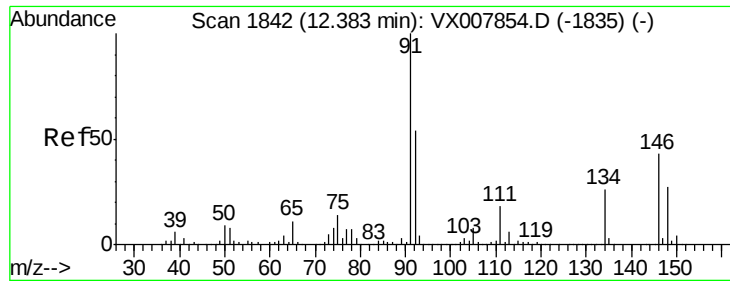
Tgt Ion:146 Resp: 285005
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.7
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.467 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion:146 Resp: 282720
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.0
 148 65.0 32.2 96.6

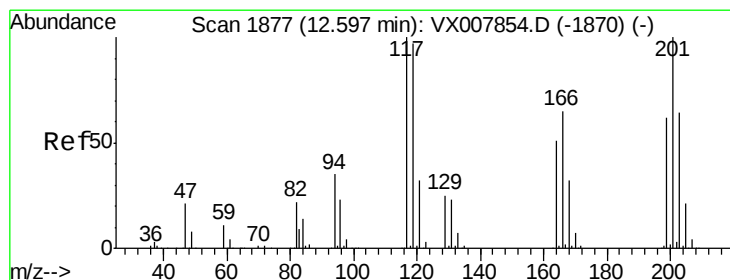
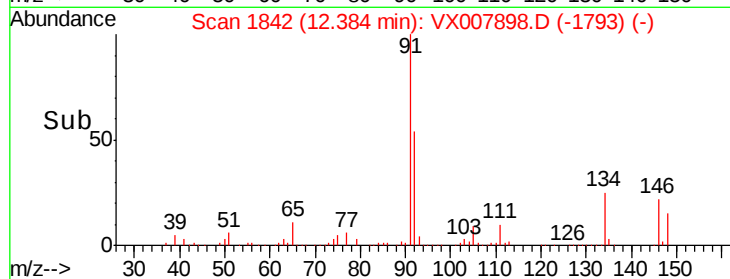
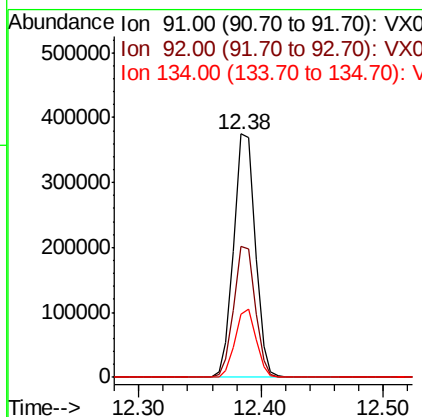
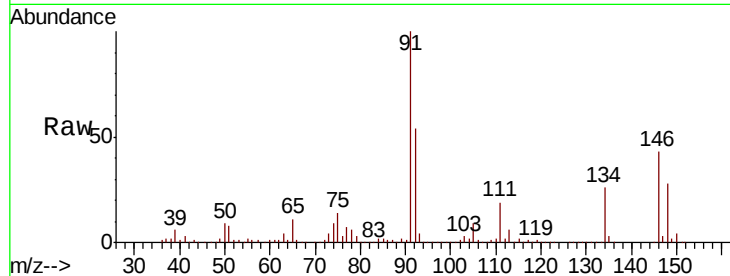




#89
n-Butylbenzene
Concen: 51.168 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

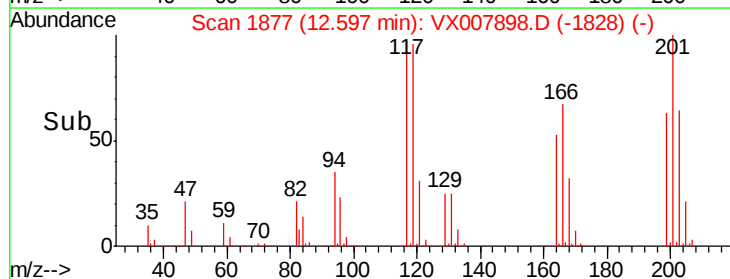
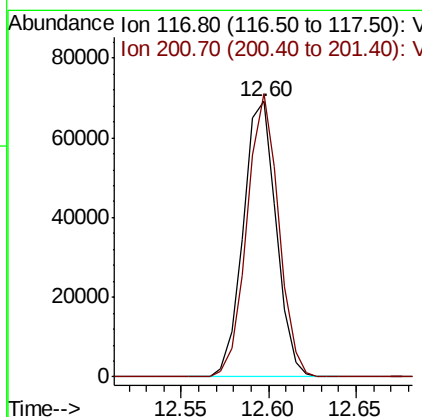
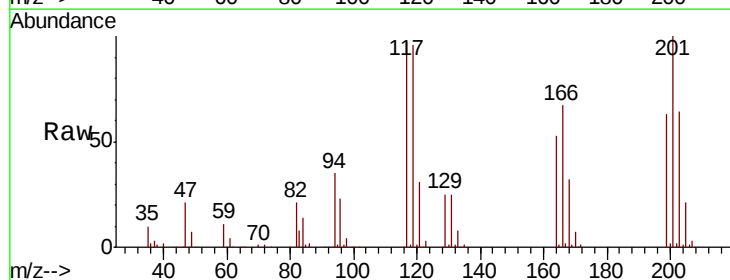
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

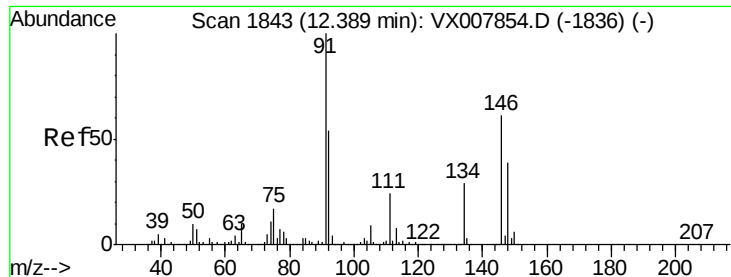
Tgt Ion: 91 Resp: 454546
Ion Ratio Lower Upper
91 100
92 53.6 27.0 80.8
134 27.4 13.7 41.0



#90
Hexachloroethane
Concen: 51.595 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion: 117 Resp: 90453
Ion Ratio Lower Upper
117 100
201 98.6 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 48.840 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

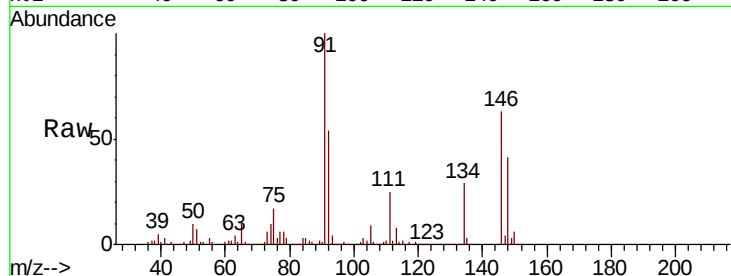
Tgt Ion:146 Resp: 282187

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

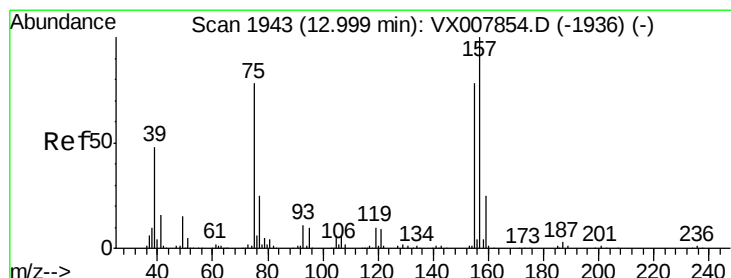
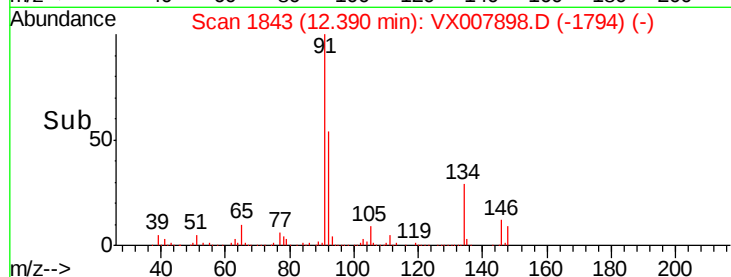
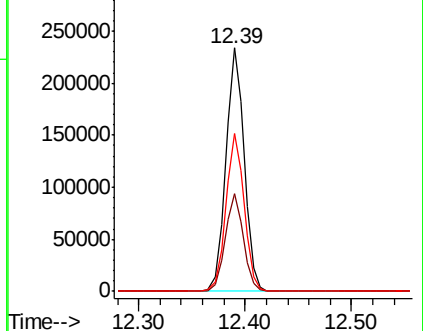
148 64.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.639 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007898.D

Acq: 07 Mar 2019 22:04

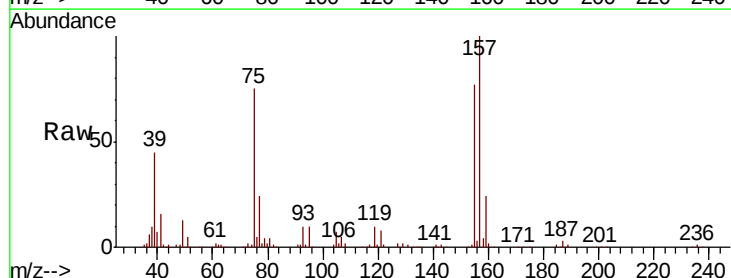
Tgt Ion: 75 Resp: 42044

Ion Ratio Lower Upper

75 100

155 101.7 49.7 149.1

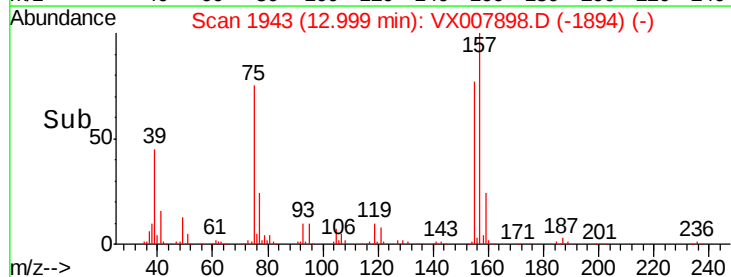
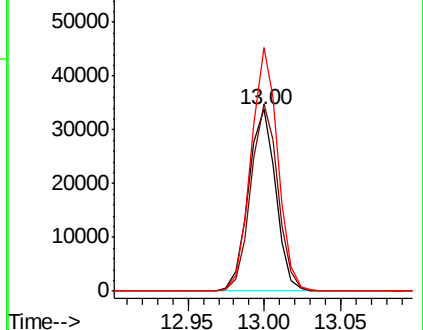
157 131.5 63.8 191.4

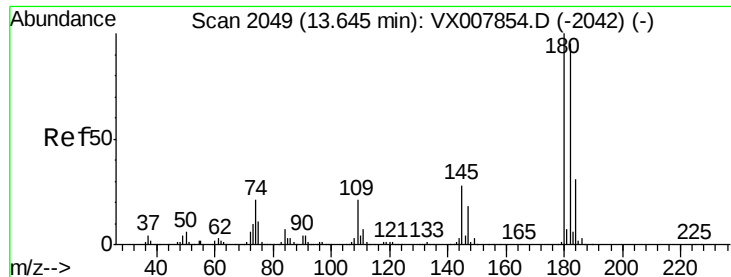


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

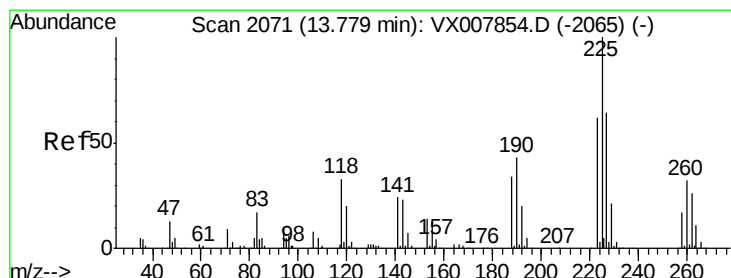
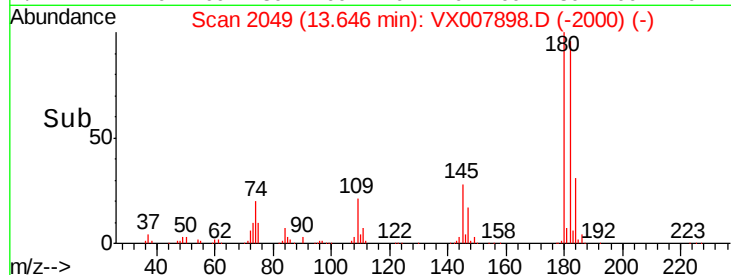
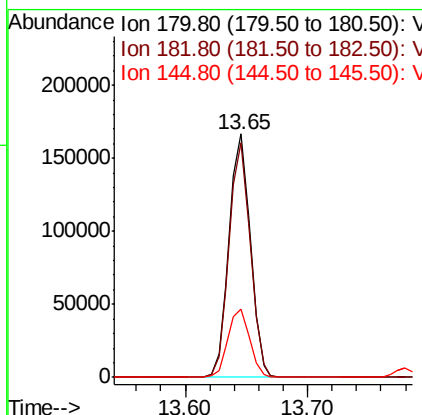
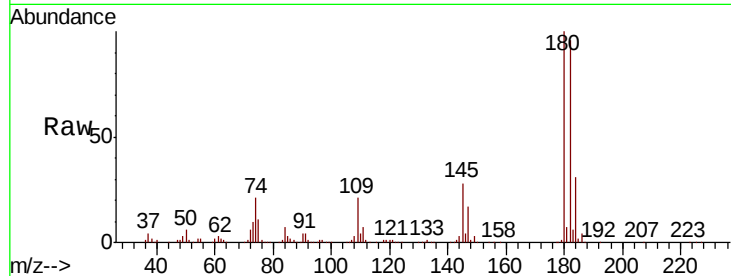




#93
 1,2,4-Trichlorobenzene
 Concen: 49.346 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

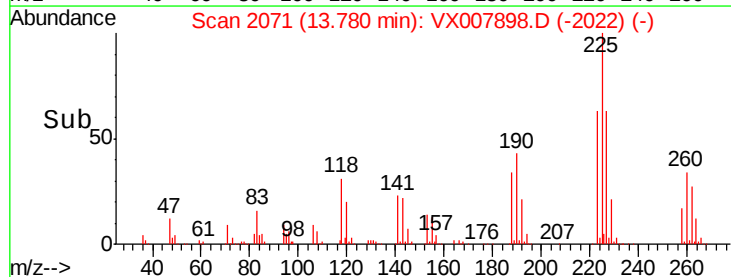
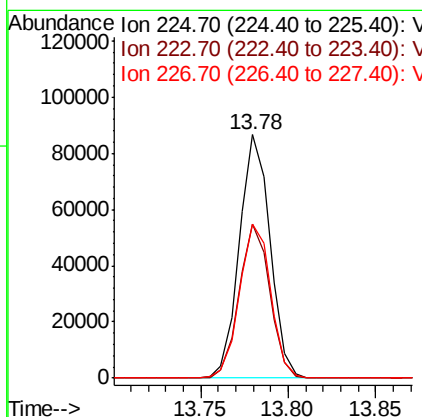
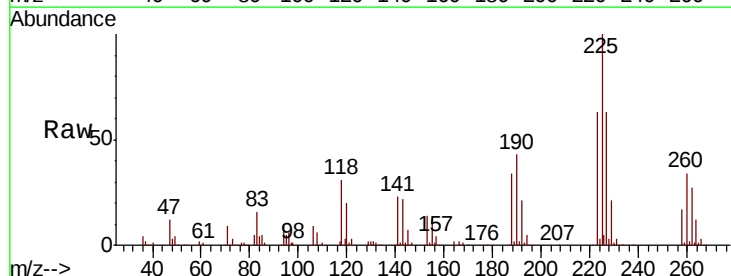
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

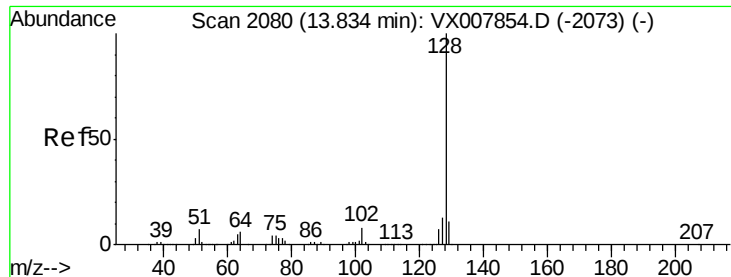
Tgt Ion:180 Resp: 200289
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.9 143.7
 145 28.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 49.641 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007898.D
 Acq: 07 Mar 2019 22:04

Tgt Ion:225 Resp: 105340
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.2
 227 64.0 32.0 96.0

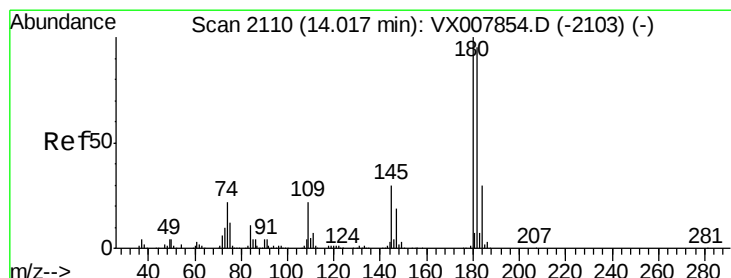
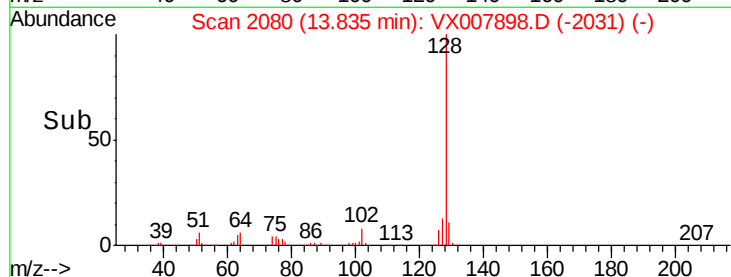
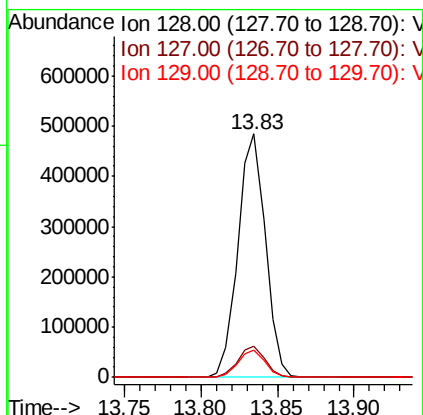
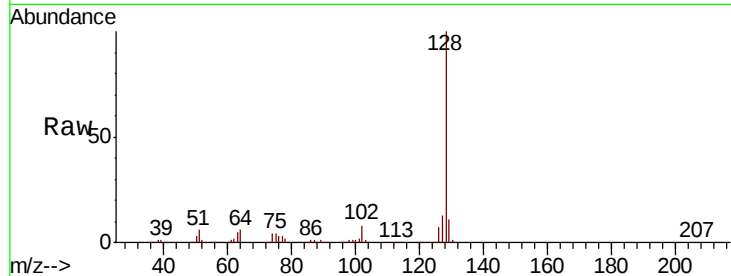




#95
Naphthalene
Concen: 51.576 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 603171
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.278 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007898.D
Acq: 07 Mar 2019 22:04

Tgt Ion:180 Resp: 203288
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 29.6 14.8 44.3

