

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011106.D
 Acq On : 26 Jul 2019 21:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 27 02:06:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	147566	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108730	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
35) Dibromofluoromethane	5.50	113	97853	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	
50) Toluene-d8	8.71	98	358346	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.13	95	139882	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	92547	45.072	ug/l	99
3) Chloromethane	1.32	50	83327	47.000	ug/l	99
4) Vinyl Chloride	1.41	62	88898	49.159	ug/l	100
5) Bromomethane	1.64	94	45659	44.805	ug/l	98
6) Chloroethane	1.71	64	56594	49.246	ug/l	98
7) Trichlorofluoromethane	1.92	101	156437	51.104	ug/l	99
8) Diethyl Ether	2.19	74	52818	50.078	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84720	48.471	ug/l	98
10) Methyl Iodide	2.51	142	104980	45.770	ug/l	100
11) Tert butyl alcohol	3.06	59	118916	248.950	ug/l	100
12) 1,1-Dichloroethene	2.37	96	83713	48.747	ug/l	98
13) Acrolein	2.29	56	62575	226.737	ug/l	100
14) Allyl chloride	2.73	41	122463	49.095	ug/l	99
15) Acrylonitrile	3.14	53	250830	259.868	ug/l	99
16) Acetone	2.45	43	209970	226.663	ug/l	98
17) Carbon Disulfide	2.57	76	184836	41.960	ug/l	98
18) Methyl Acetate	2.78	43	117452	55.682	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	287160	51.944	ug/l	99
20) Methylene Chloride	2.85	84	97558	49.695	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	89162	48.933	ug/l	95
22) Diisopropyl ether	3.85	45	272812	51.857	ug/l	97
23) Vinyl Acetate	3.81	43	1162580	260.814	ug/l	99
24) 1,1-Dichloroethane	3.70	63	155004	50.733	ug/l	99
25) 2-Butanone	4.67	43	346416	260.509	ug/l	100
26) 2,2-Dichloropropane	4.58	77	103515	41.264	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	106481	50.494	ug/l	96
28) Bromochloromethane	5.01	49	68574	47.629	ug/l	98
29) Tetrahydrofuran	5.13	42	221413	262.859	ug/l	99
30) Chloroform	5.21	83	169235	51.246	ug/l	100
31) Cyclohexane	5.58	56	131641	47.271	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	147799	51.730	ug/l	99
36) 1,1-Dichloropropene	5.80	75	117285	48.754	ug/l	98
37) Ethyl Acetate	4.84	43	128417	52.132	ug/l	99
38) Carbon Tetrachloride	5.79	117	128012	51.067	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141109	45.233	ug/l	100
40) Benzene	6.14	78	366602	49.750	ug/l	99
41) Methacrylonitrile	5.04	41	73583	52.621	ug/l	95
42) 1,2-Dichloroethane	6.19	62	130906	51.092	ug/l	99
43) Isopropyl Acetate	6.45	43	210650	52.007	ug/l	98
44) Trichloroethene	7.21	130	106115	48.649	ug/l	95
45) 1,2-Dichloropropane	7.51	63	94396	50.330	ug/l	100
46) Dibromomethane	7.66	93	68553	51.152	ug/l	100
47) Bromodichloromethane	7.90	83	127208	53.322	ug/l	99
48) Methyl methacrylate	7.77	41	101938	51.662	ug/l	99
49) 1,4-Dioxane	7.74	88	55069	997.741	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	710116	270.456	ug/l	100
52) Toluene	8.78	92	239783	49.533	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	132560	51.677	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144898	50.764	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103530	51.941	ug/l	98
56) Ethyl methacrylate	9.18	69	156390	53.639	ug/l	98
57) 1,3-Dichloropropane	9.37	76	162941	51.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	360134	258.756	ug/l	99
59) 2-Hexanone	9.49	43	549384	269.772	ug/l	99
60) Dibromochloromethane	9.58	129	111070	48.499	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110580	52.276	ug/l	99
64) Tetrachloroethene	9.34	164	96581	44.882	ug/l	98
65) Chlorobenzene	10.13	112	276396	49.196	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104358	52.852	ug/l	99
67) Ethyl Benzene	10.25	91	475831	49.758	ug/l	99
68) m/p-Xylenes	10.36	106	362102	98.713	ug/l	99
69) o-Xylene	10.69	106	179247	50.069	ug/l	100
70) Styrene	10.71	104	310846	52.086	ug/l	100
71) Bromoform	10.85	173	85318	47.585	ug/l #	98
73) Isopropylbenzene	11.02	105	488339	48.976	ug/l	99
74) N-amyl acetate	10.90	43	197232	51.769	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	164854	50.521	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	175504	65.907	ug/l	84
77) Bromobenzene	11.25	156	131612	47.853	ug/l	97
78) n-propylbenzene	11.36	91	547769	49.720	ug/l	98
79) 2-Chlorotoluene	11.42	91	324206	48.987	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	412343	49.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45620	43.929	ug/l	98
82) 4-Chlorotoluene	11.51	91	381057	49.469	ug/l	99
83) tert-Butylbenzene	11.77	119	414240	50.617	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	417512	49.718	ug/l	100
85) sec-Butylbenzene	11.94	105	483558	50.426	ug/l	100
86) p-Isopropyltoluene	12.06	119	445897	50.296	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	234539	49.139	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	234190	47.841	ug/l	98
89) n-Butylbenzene	12.38	91	379132	49.987	ug/l	100
90) Hexachloroethane	12.60	117	72629	51.941	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	235315	49.745	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35921	52.664	ug/l	98

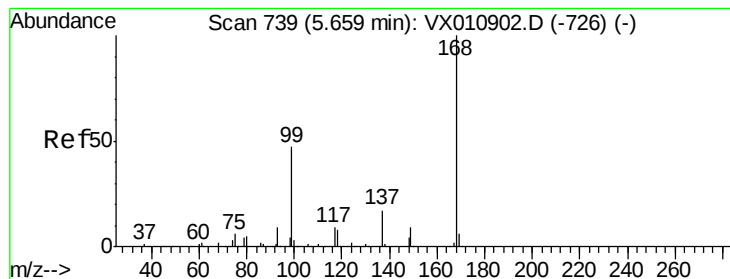
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	160665	50.116	ug/l	99
94) Hexachlorobutadiene	13.78	225	77442	48.747	ug/l	98
95) Naphthalene	13.83	128	507276	53.585	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	163373	51.218	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

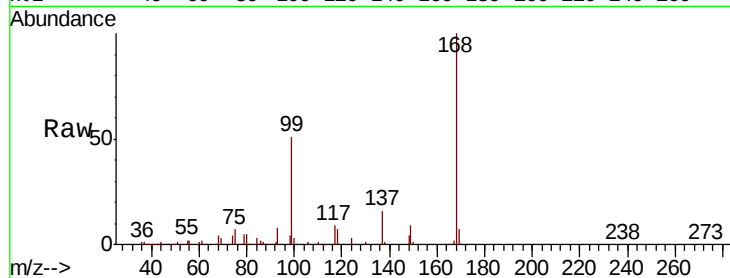
VSTDCCC050EC

Tot Ion:168 Resp: 192795

Ion Ratio Lower Upper

168 100

99 50.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

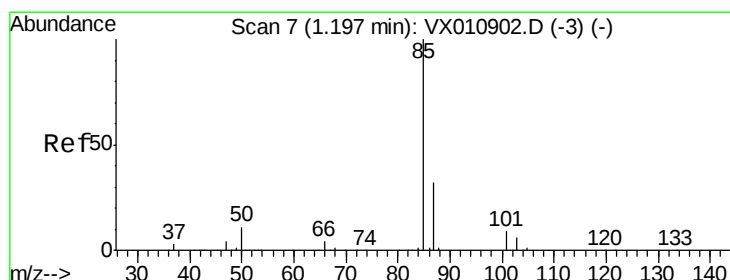
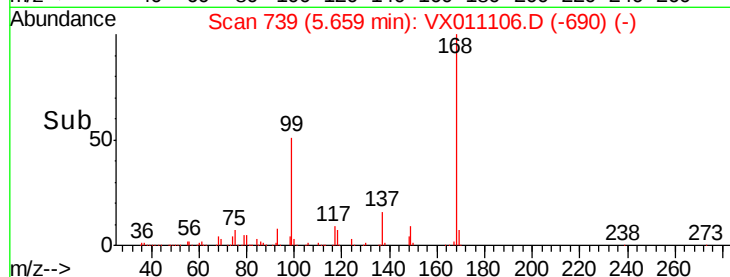
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.072 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011106.D

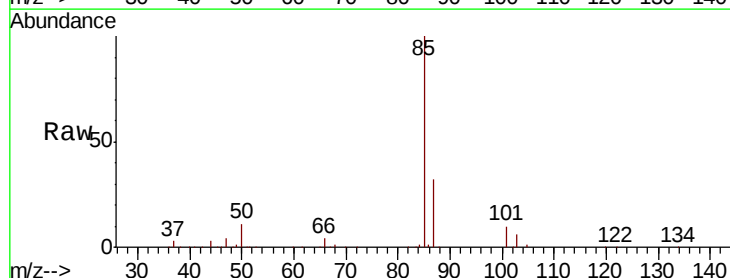
Acq: 26 Jul 2019 21:16

Tgt Ion: 85 Resp: 92547

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

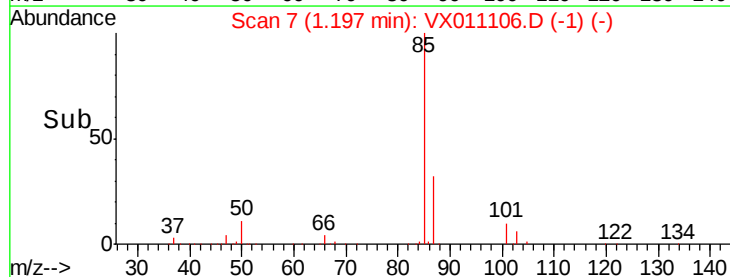
40000

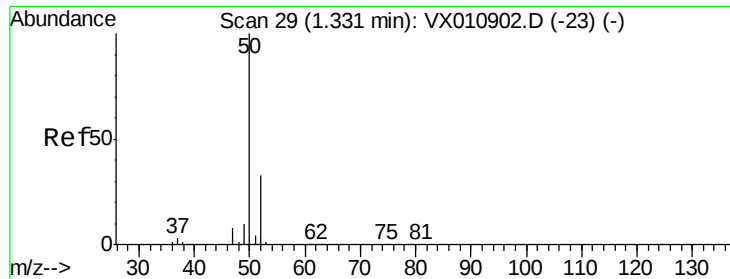
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.000 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

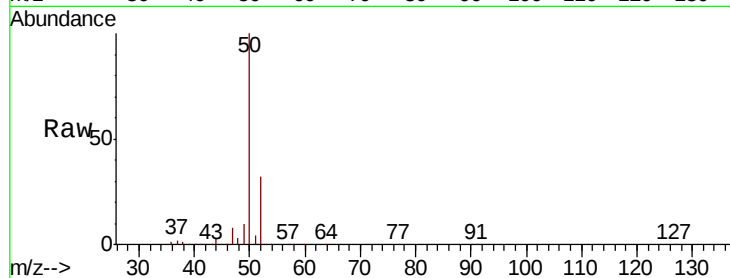
VSTDCCC050EC

Tot Ion: 50 Resp: 83327

Ion Ratio Lower Upper

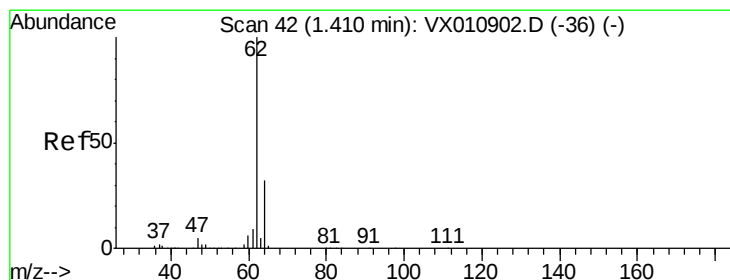
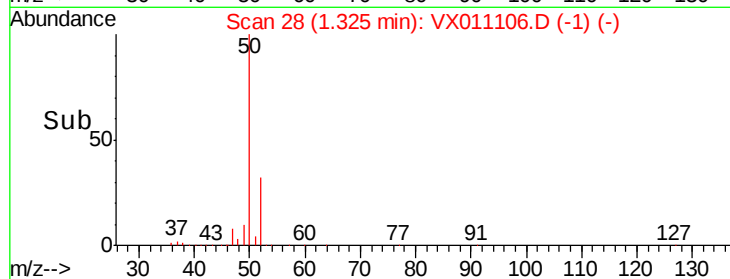
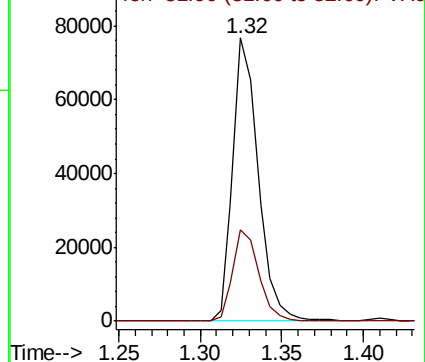
50 100

52 32.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.159 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011106.D

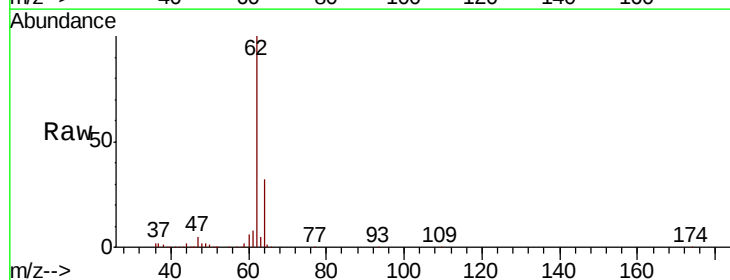
Acq: 26 Jul 2019 21:16

Tgt Ion: 62 Resp: 88898

Ion Ratio Lower Upper

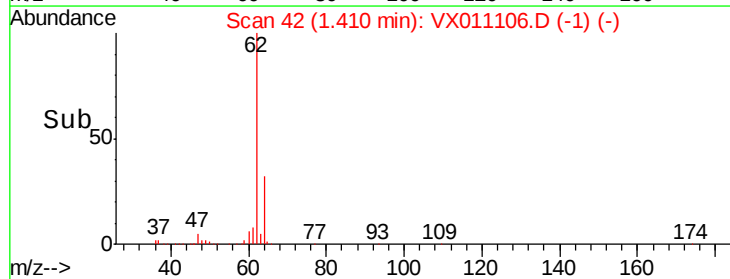
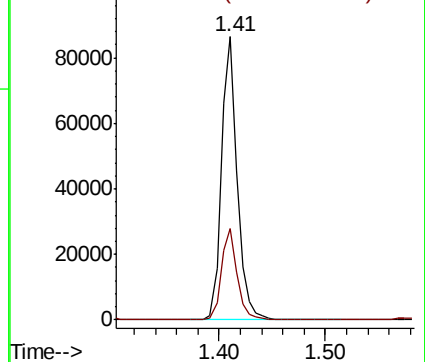
62 100

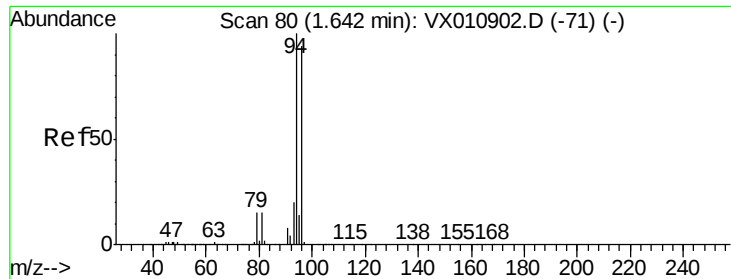
64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.805 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

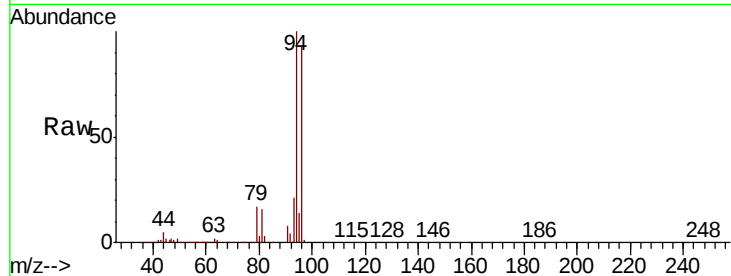
VSTDCCC050EC

Tot Ion: 94 Resp: 45659

Ion Ratio Lower Upper

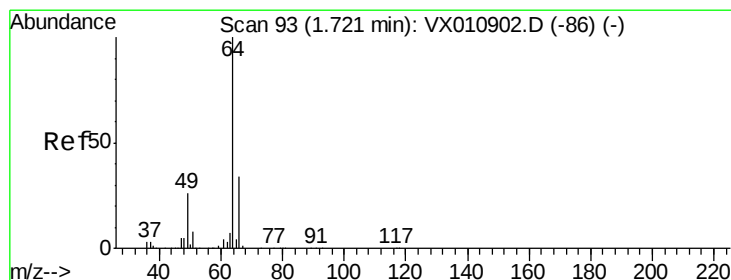
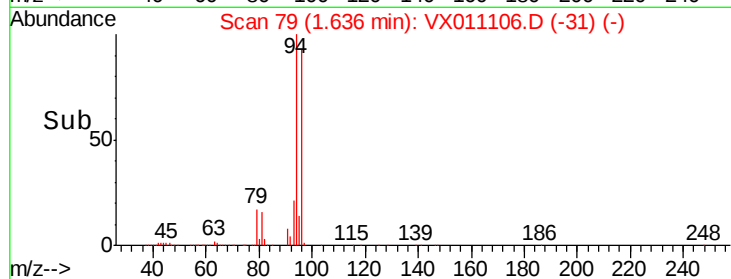
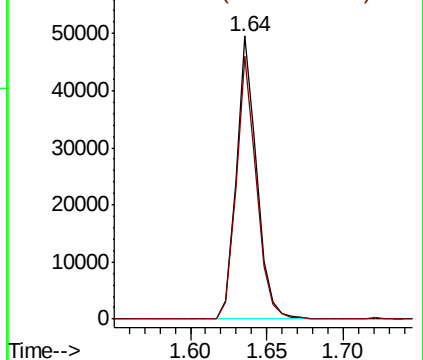
94 100

96 92.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.246 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011106.D

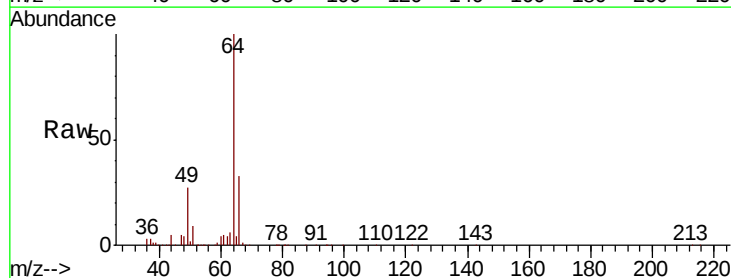
Acq: 26 Jul 2019 21:16

Tgt Ion: 64 Resp: 56594

Ion Ratio Lower Upper

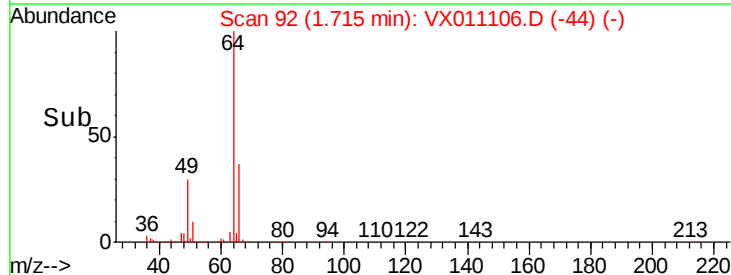
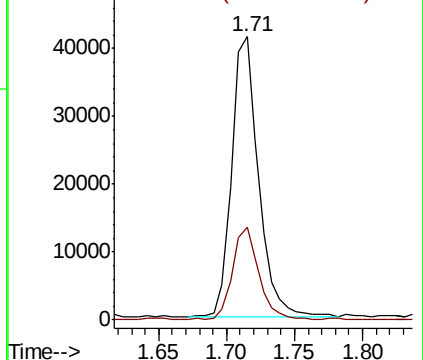
64 100

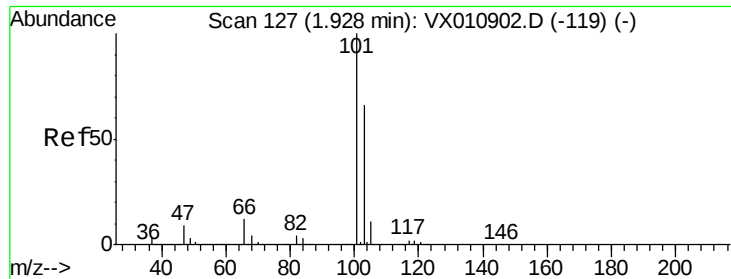
66 32.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



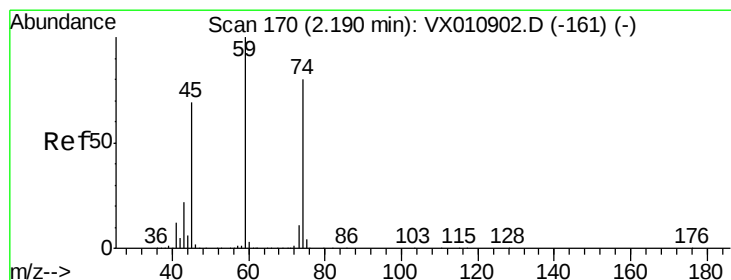
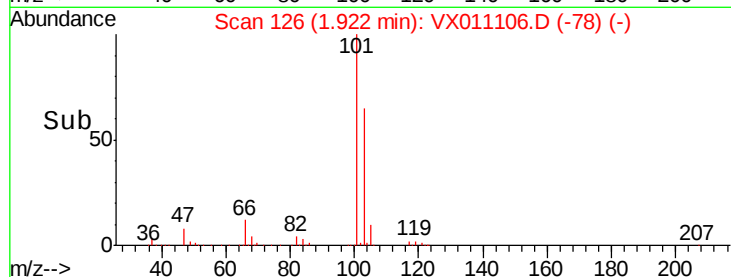
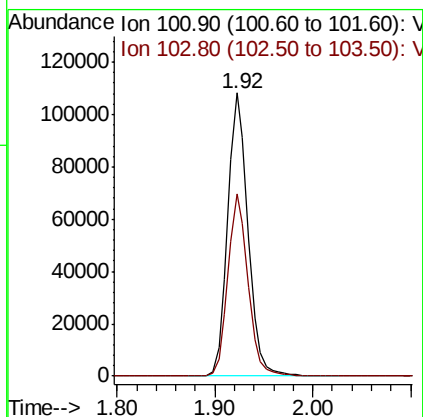
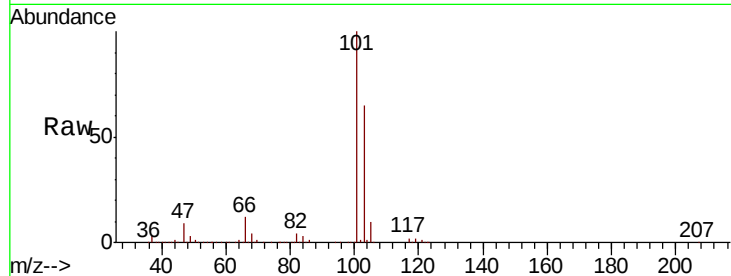


#7

Trichlorofluoromethane
 Concen: 51.104 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

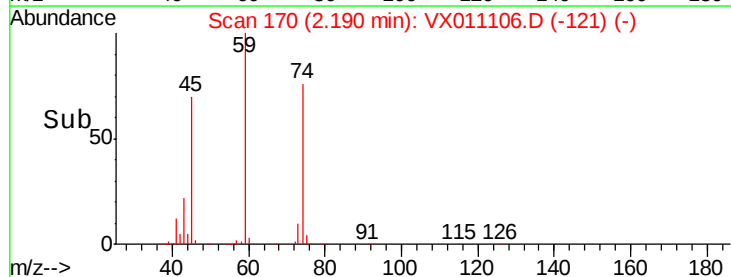
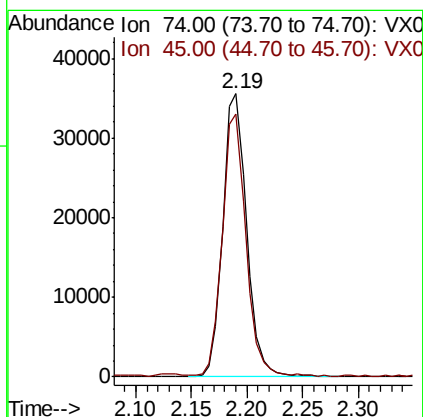
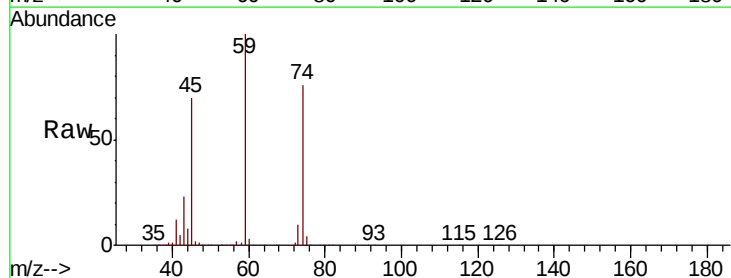
Tot Ion:101 Resp: 156437
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 78.8

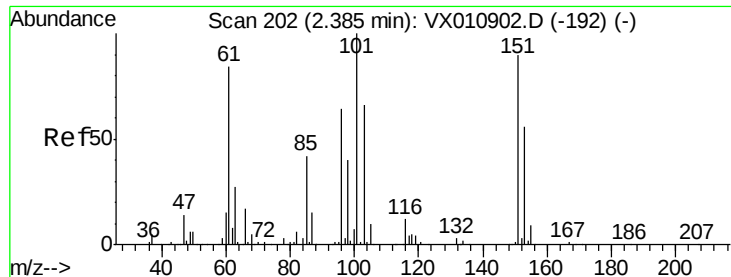


#8

Diethyl Ether
 Concen: 50.078 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion: 74 Resp: 52818
 Ion Ratio Lower Upper
 74 100
 45 91.8 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.471 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

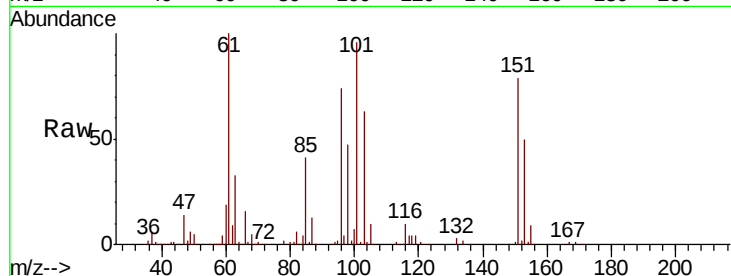
Tot Ion:101 Resp: 84720

Ion Ratio Lower Upper

101 100

85 43.6 34.6 52.0

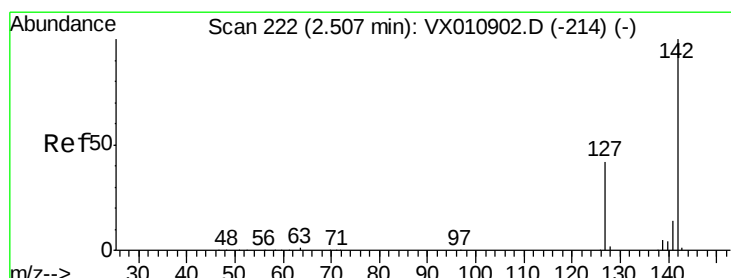
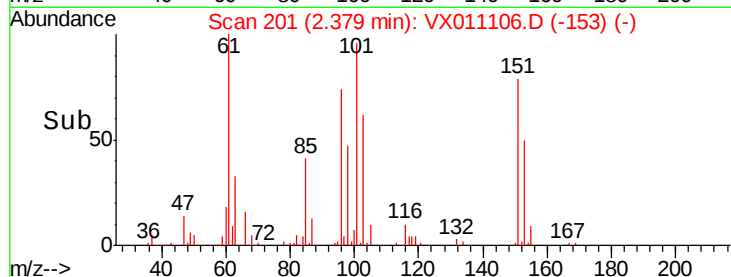
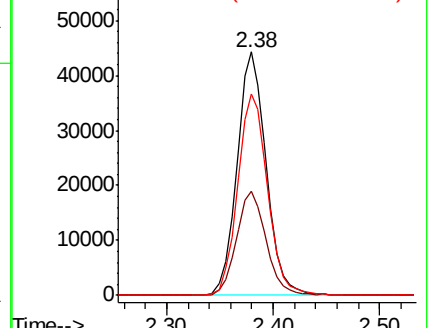
151 85.0 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.770 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

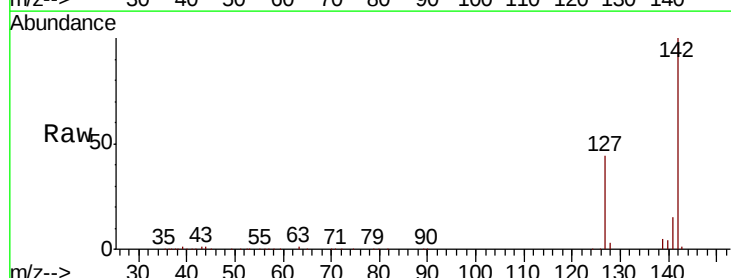
Tgt Ion:142 Resp: 104980

Ion Ratio Lower Upper

142 100

127 43.2 34.2 51.4

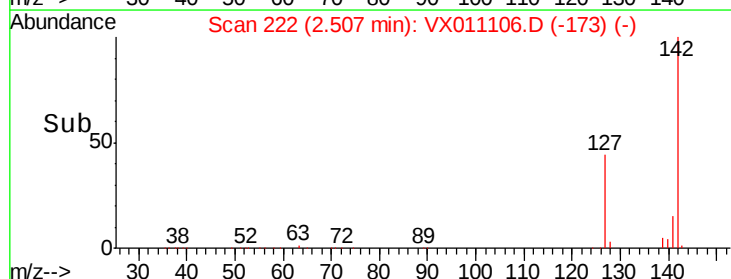
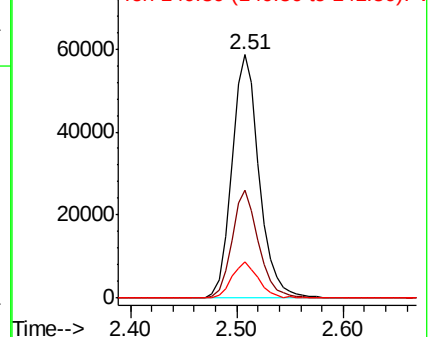
141 14.6 11.7 17.5

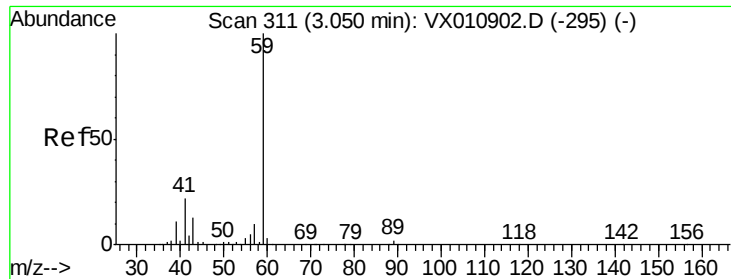


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



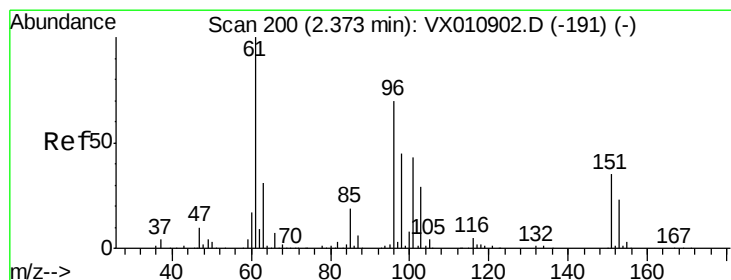
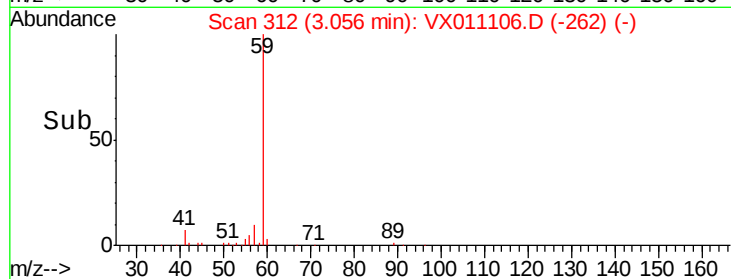
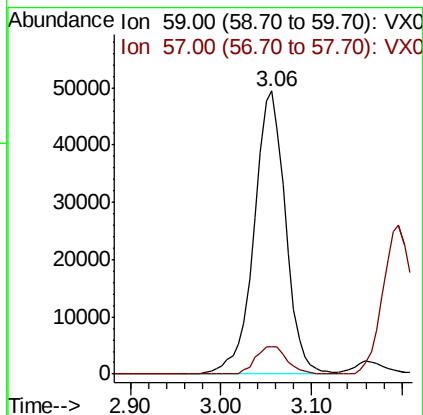
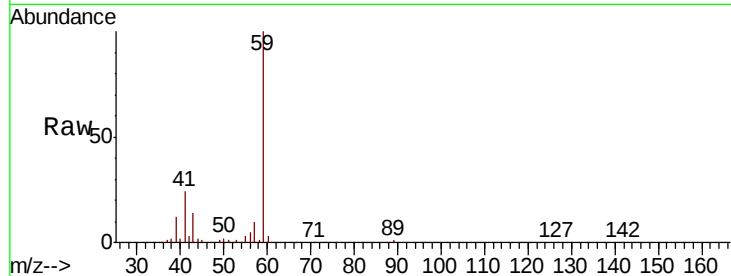


#11

Tert butyl alcohol
 Concen: 248.950 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

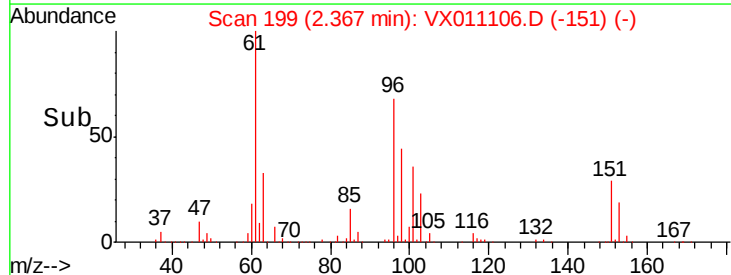
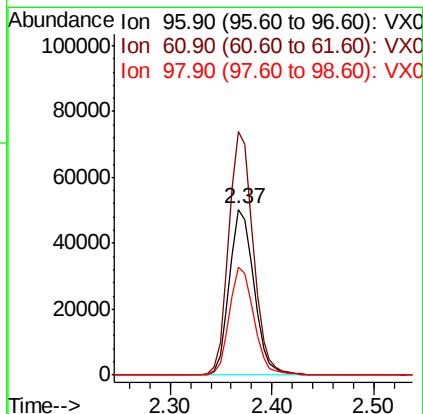
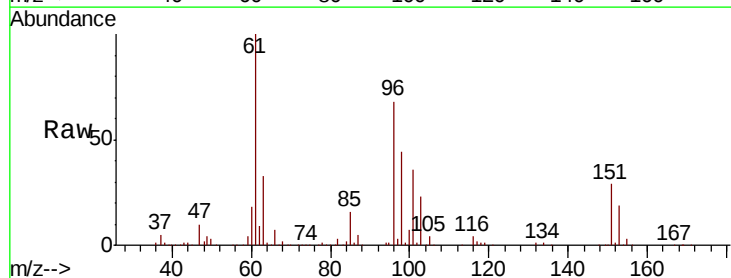
Tot Ion: 59 Resp: 118916
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.9 11.9

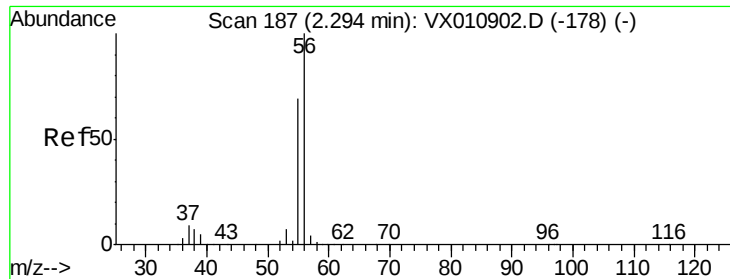


#12

1,1-Dichloroethene
 Concen: 48.747 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion: 96 Resp: 83713
 Ion Ratio Lower Upper
 96 100
 61 146.6 115.0 172.4
 98 65.2 52.2 78.2





#13

Acrolein

Concen: 226.737 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

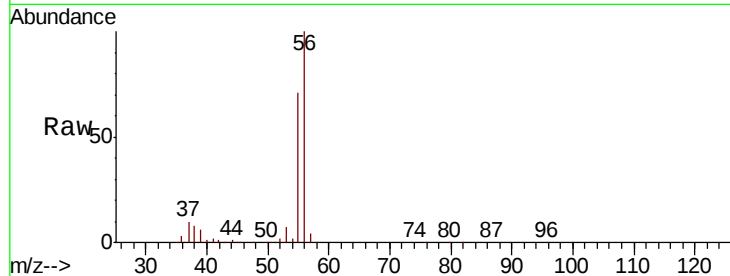
VSTDCCC050EC

Tot Ion: 56 Resp: 62575

Ion Ratio Lower Upper

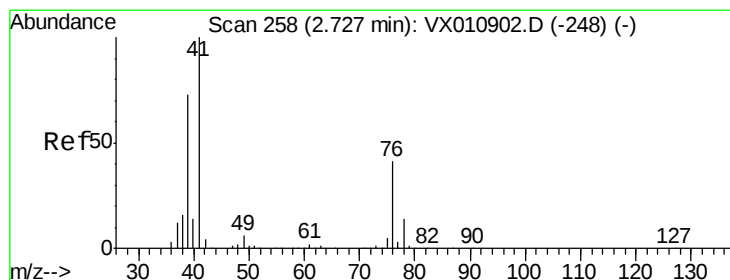
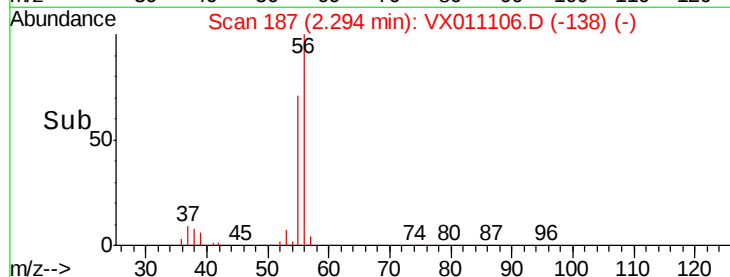
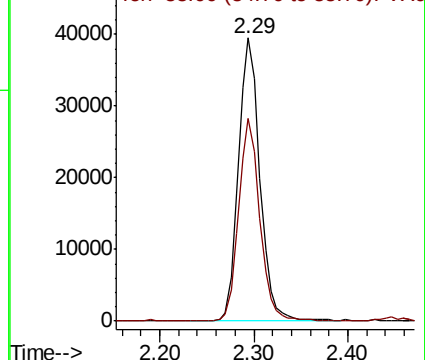
56 100

55 69.7 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.095 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

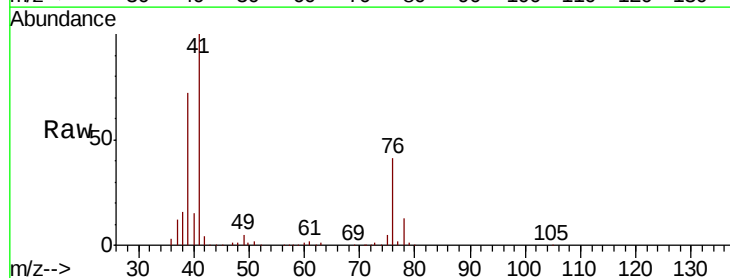
Tgt Ion: 41 Resp: 122463

Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

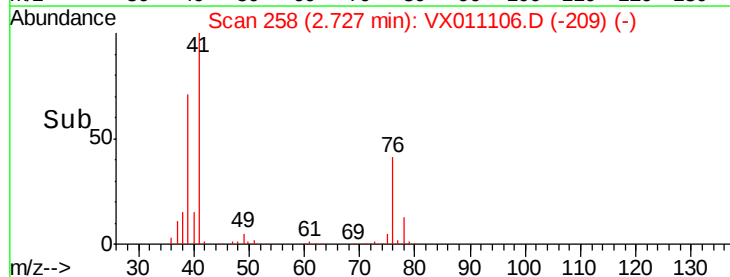
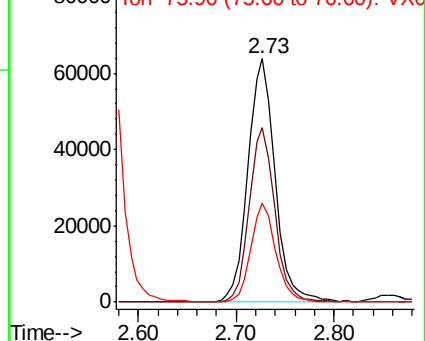
76 37.6 29.7 44.5

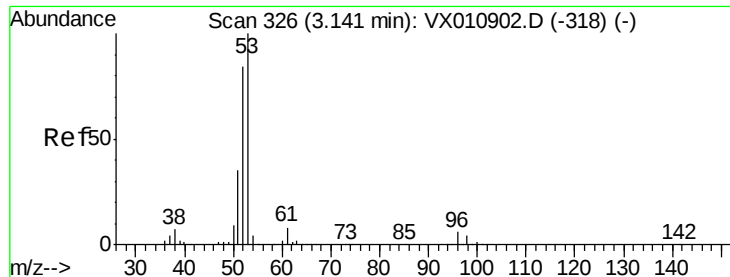


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 259.868 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

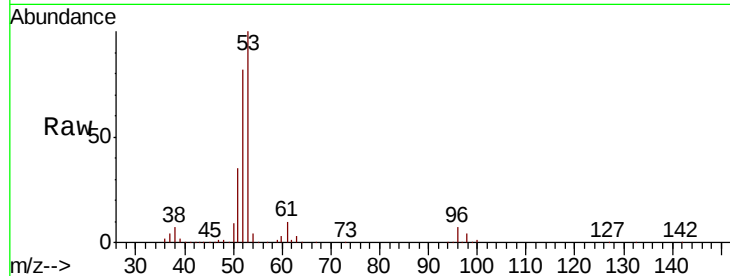
Tot Ion: 53 Resp: 250830

Ion Ratio Lower Upper

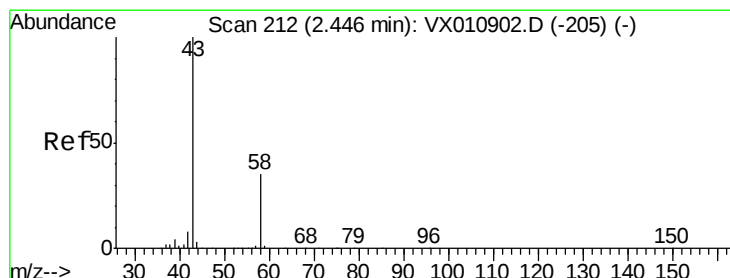
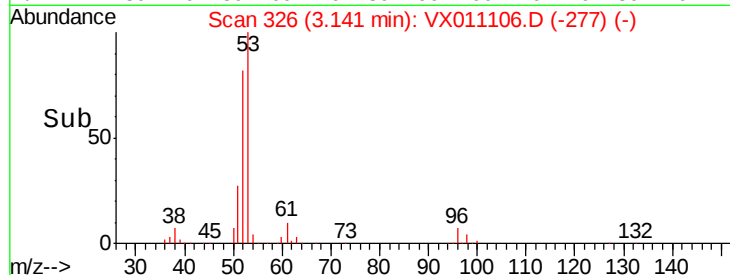
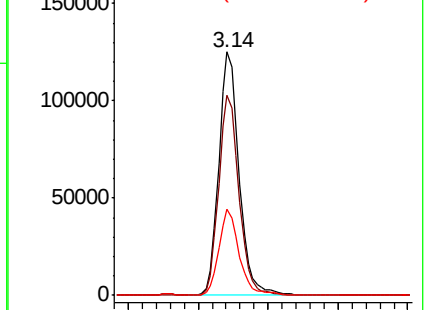
53 100

52 82.7 66.5 99.7

51 35.7 28.2 42.4



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: 226.663 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011106.D

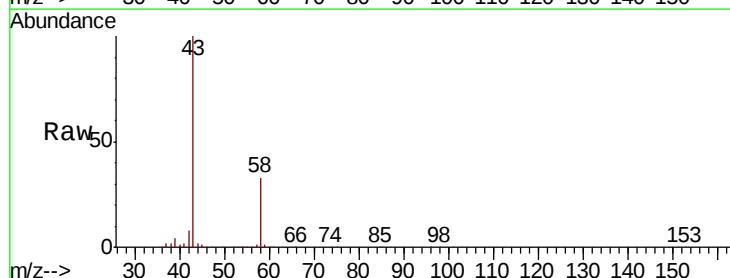
Acq: 26 Jul 2019 21:16

Tgt Ion: 43 Resp: 209970

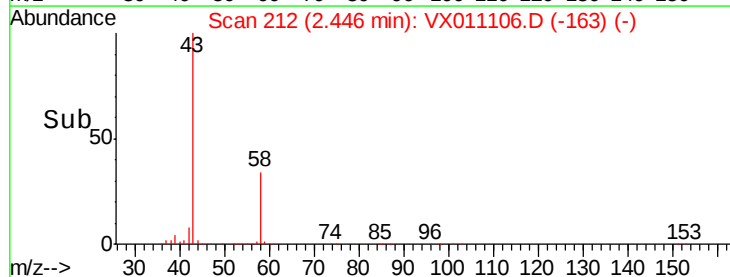
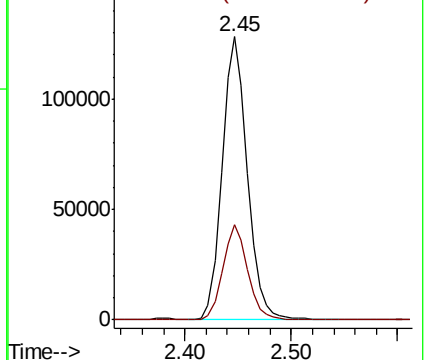
Ion Ratio Lower Upper

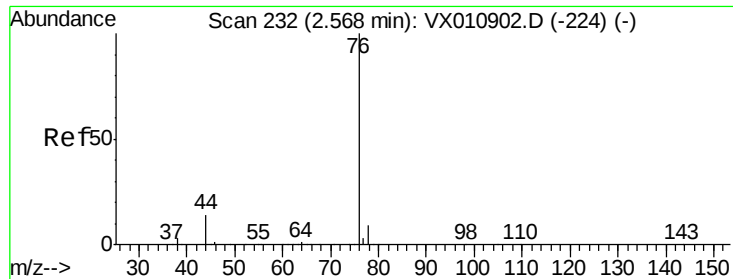
43 100

58 33.5 27.7 41.5



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

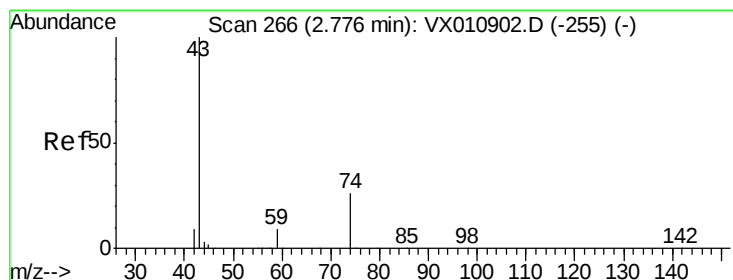
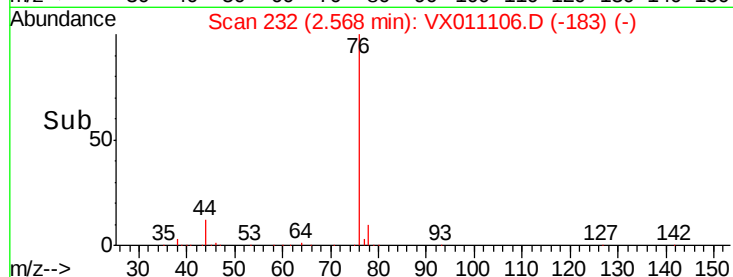
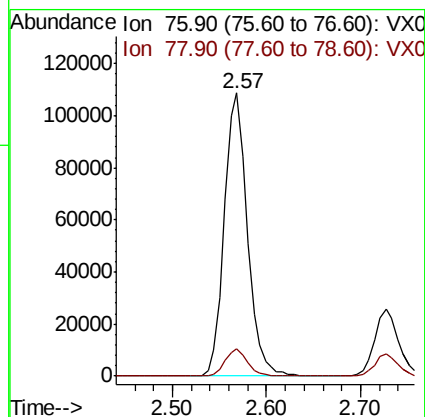
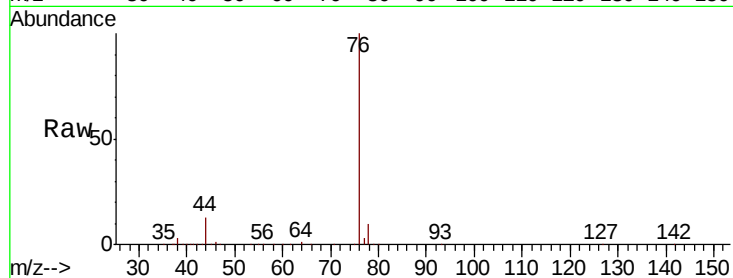




#17
Carbon Disulfide
Concen: 41.960 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

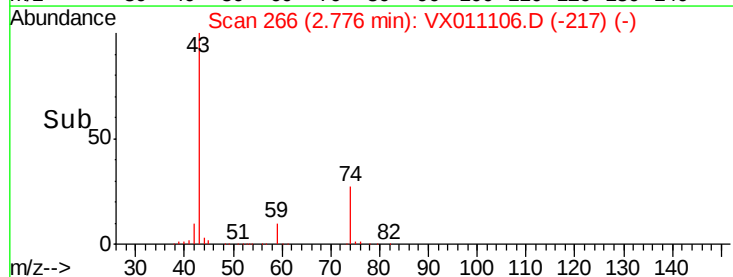
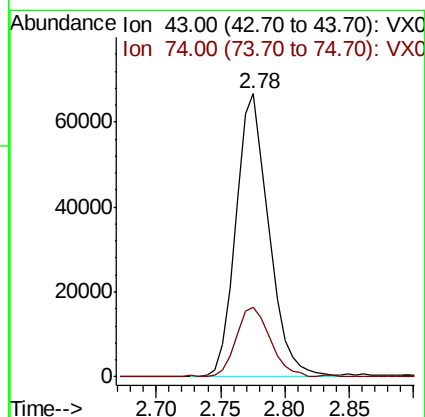
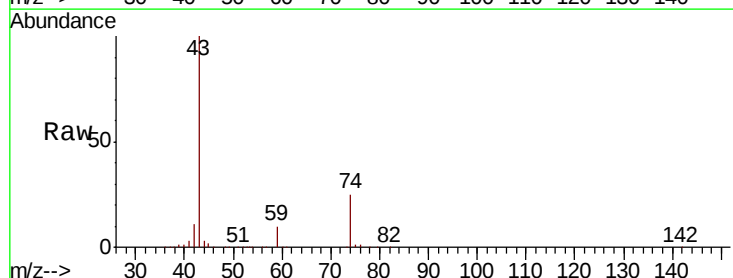
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

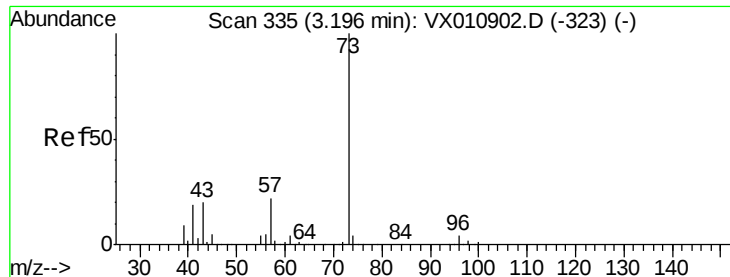
Tot Ion: 76 Resp: 184836
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 55.682 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 43 Resp: 117452
Ion Ratio Lower Upper
43 100
74 26.2 21.5 32.3

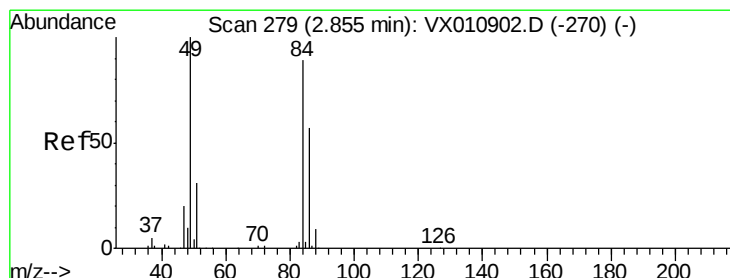
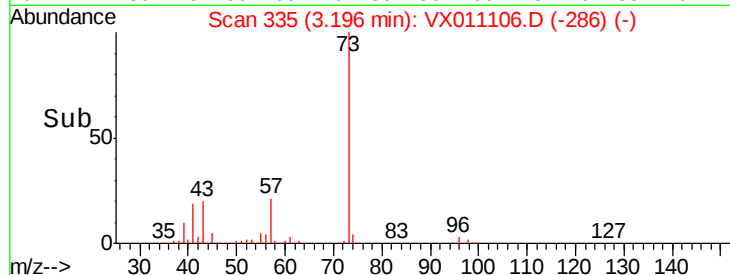
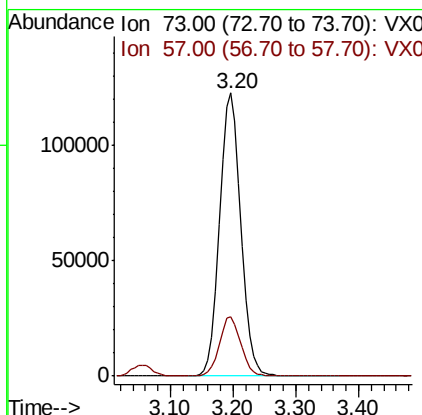
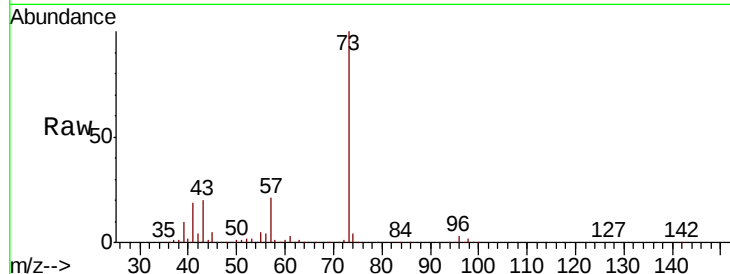




#19
Methvl tert-butvl Ether
Concen: 51.944 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

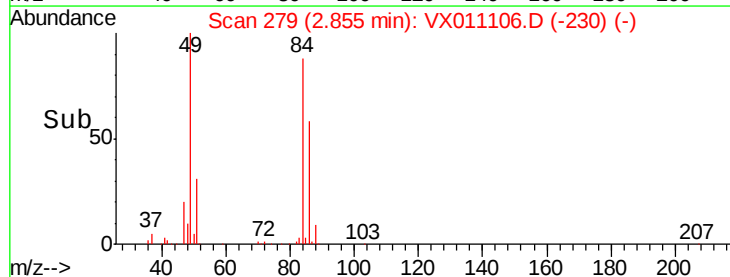
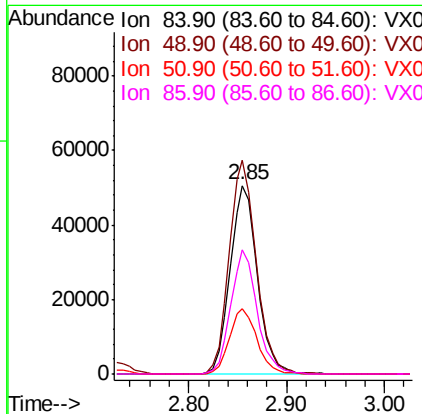
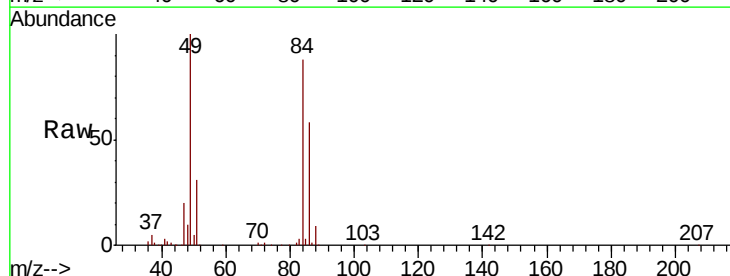
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

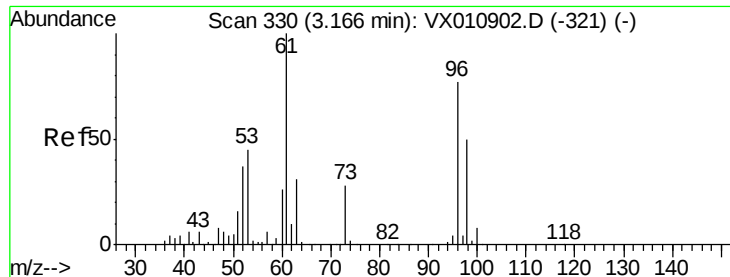
Tot Ion: 73 Resp: 287160
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 49.695 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 84 Resp: 97558
Ion Ratio Lower Upper
84 100
49 113.4 89.9 134.9
51 34.9 27.8 41.6
86 66.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.933 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

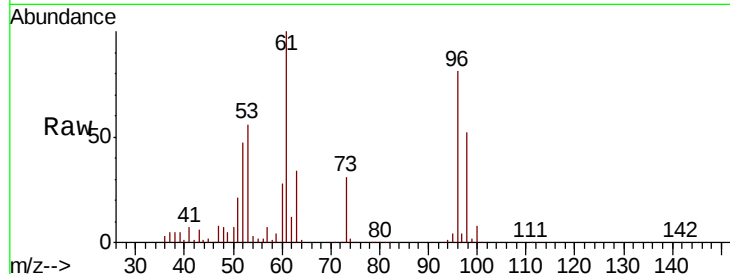
Tot Ion: 96 Resp: 89162

Ion Ratio Lower Upper

96 100

61 122.8 104.2 156.2

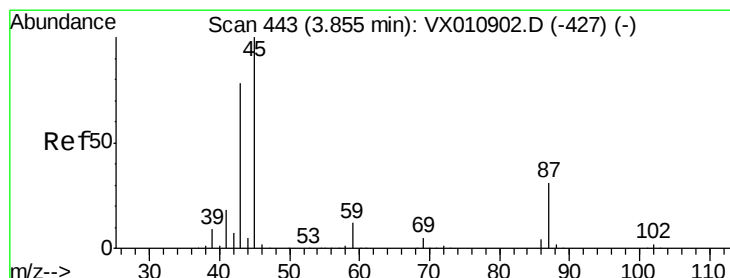
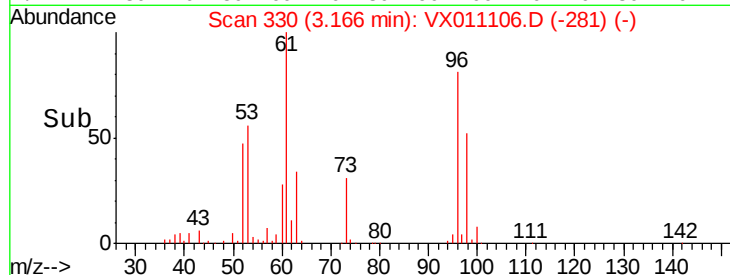
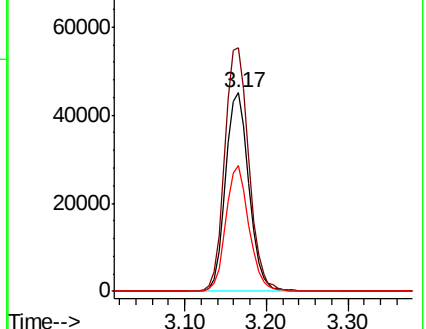
98 63.3 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.857 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Tgt Ion: 45 Resp: 272812

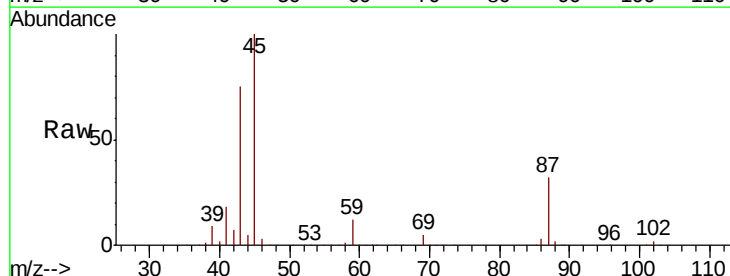
Ion Ratio Lower Upper

45 100

43 75.0 62.3 93.5

87 32.1 25.0 37.4

59 12.0 9.9 14.9

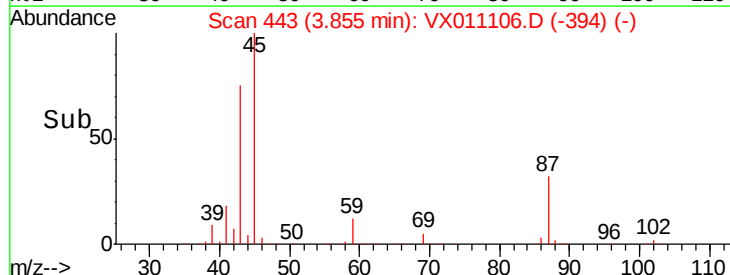
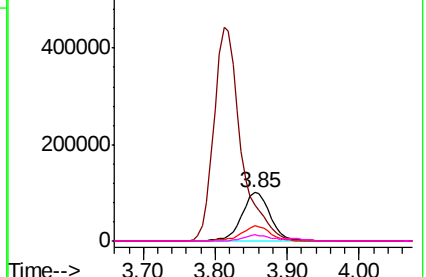


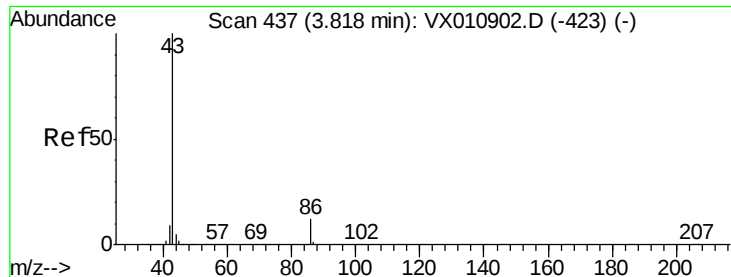
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.814 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

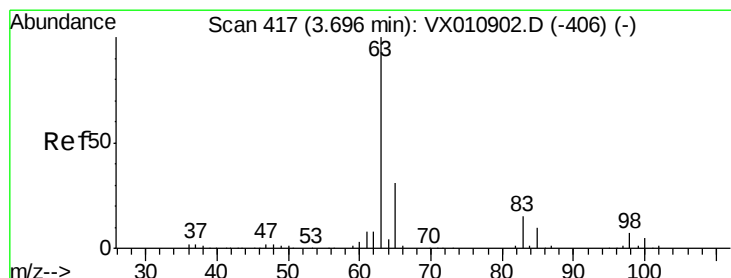
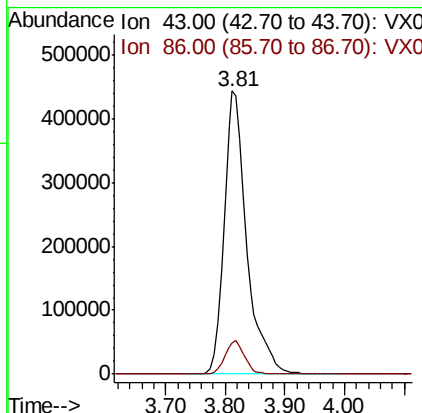
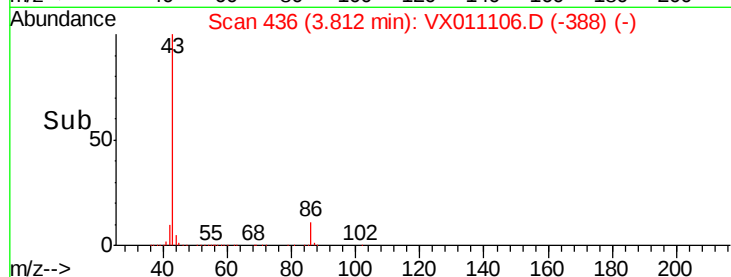
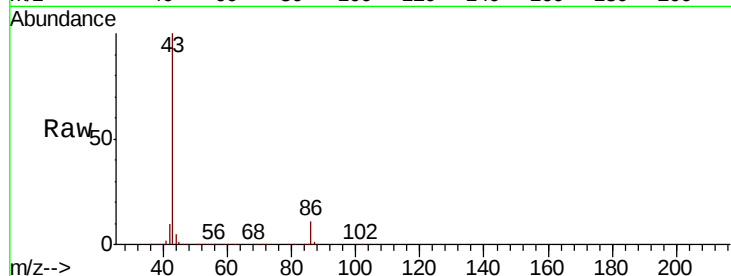
VSTDCCC050EC

Tot Ion: 43 Resp: 1162580

Ion Ratio Lower Upper

43 100

86 11.2 9.4 14.0



#24

1,1-Dichloroethane

Concen: 50.733 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

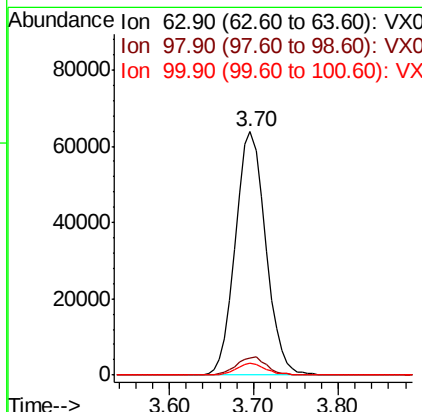
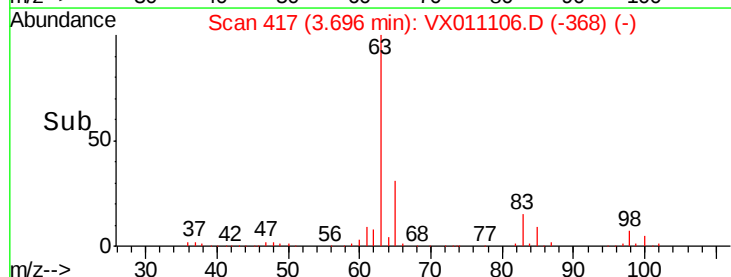
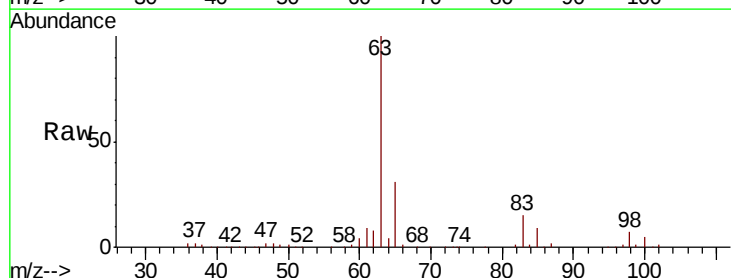
Tgt Ion: 63 Resp: 155004

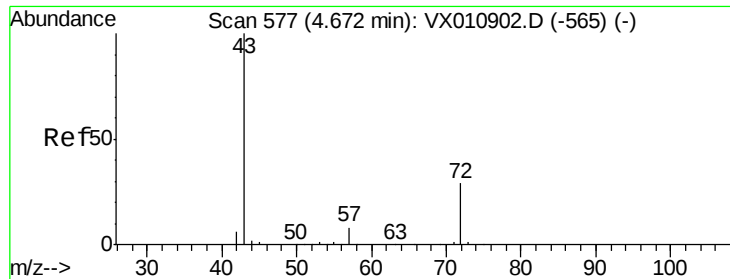
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 260.509 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

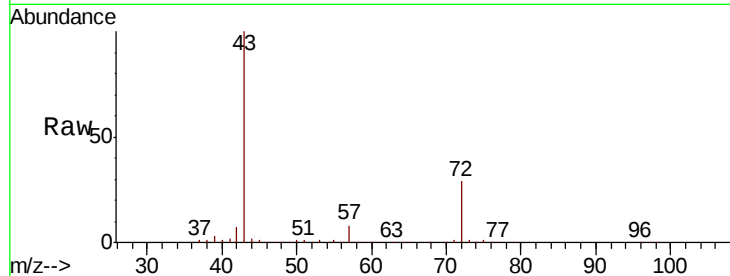
VSTDCCC050EC

Tot Ion: 43 Resp: 346416

Ion Ratio Lower Upper

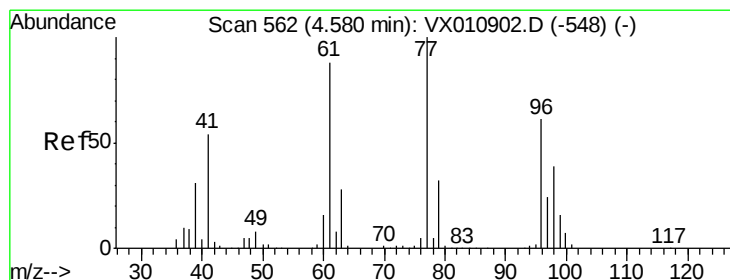
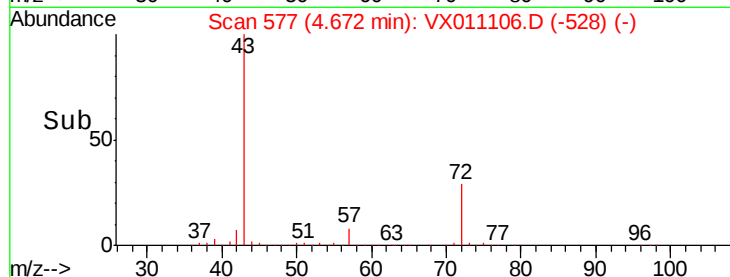
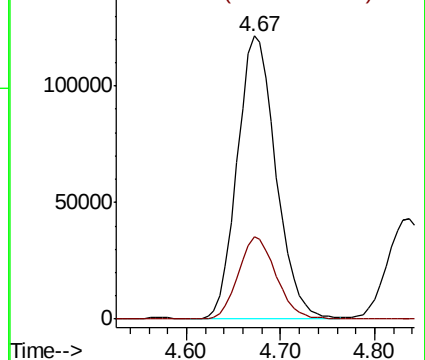
43 100

72 29.0 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.264 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011106.D

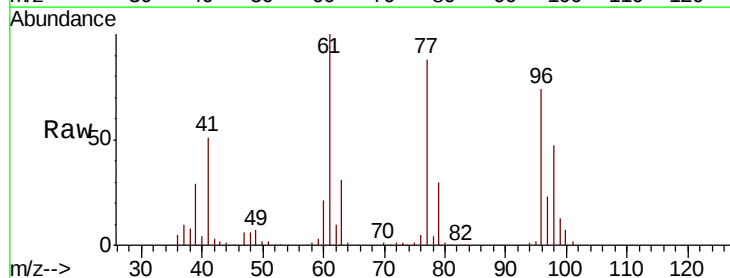
Acq: 26 Jul 2019 21:16

Tgt Ion: 77 Resp: 103515

Ion Ratio Lower Upper

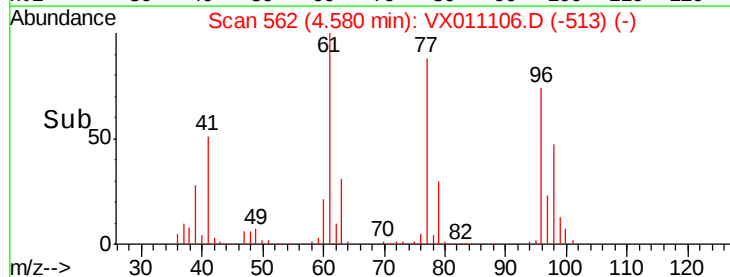
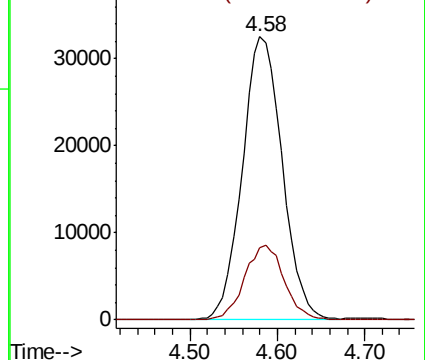
77 100

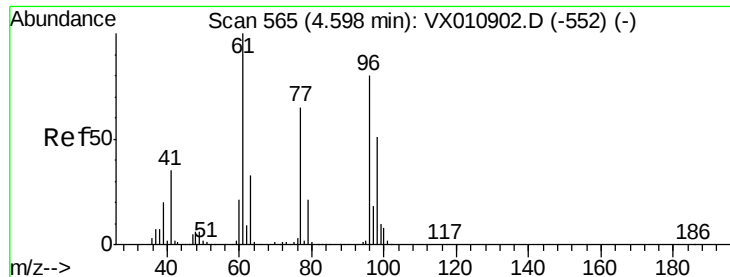
97 25.9 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



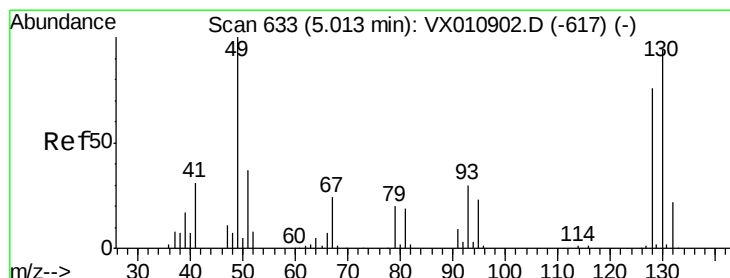
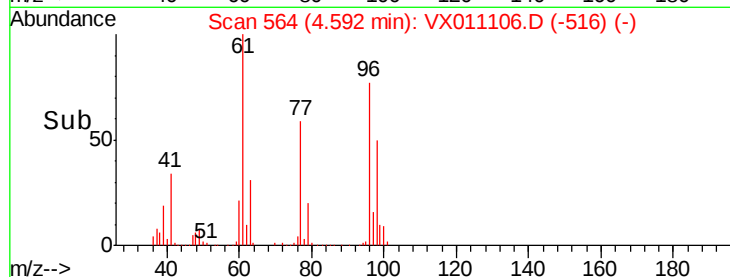
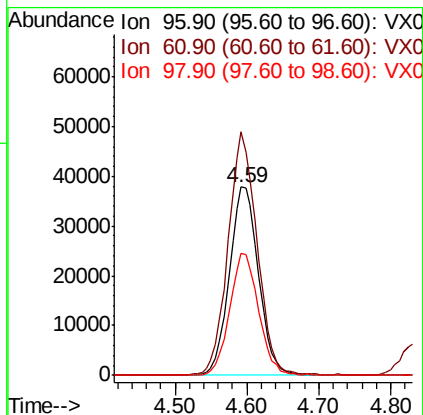
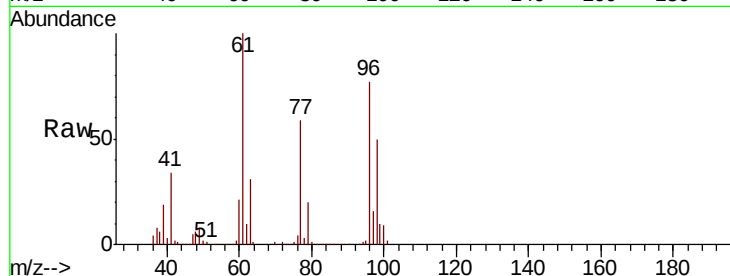


#27

cis-1,2-Dichloroethene
 Concen: 50.494 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

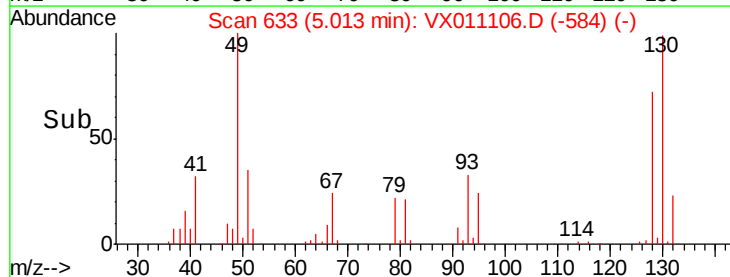
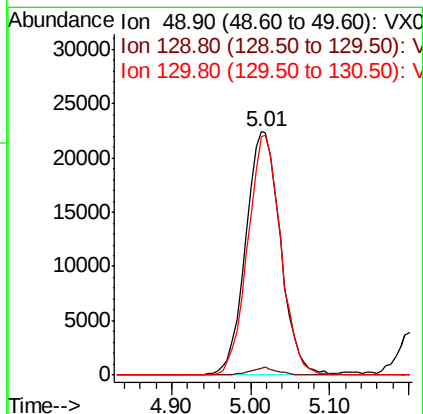
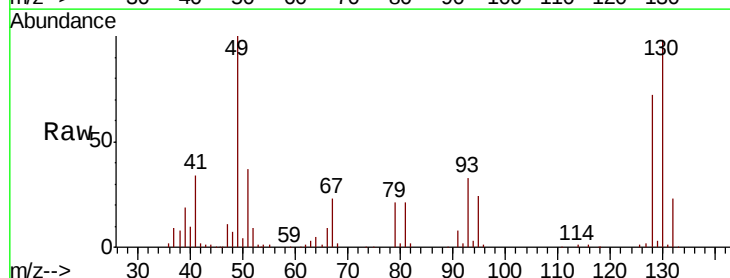
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	269.0
98	64.3	0.0	131.4

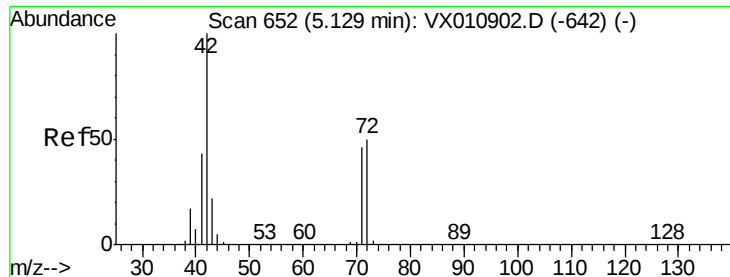


#28

Bromochloromethane
 Concen: 47.629 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	93.9	76.9	115.3

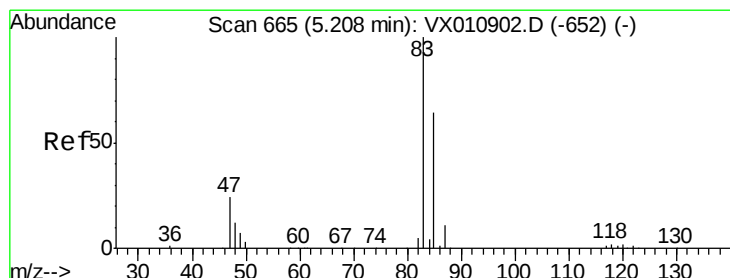
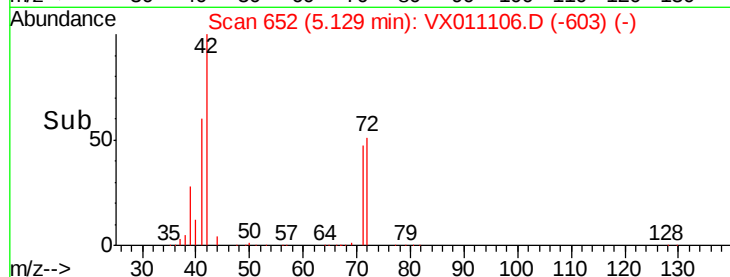
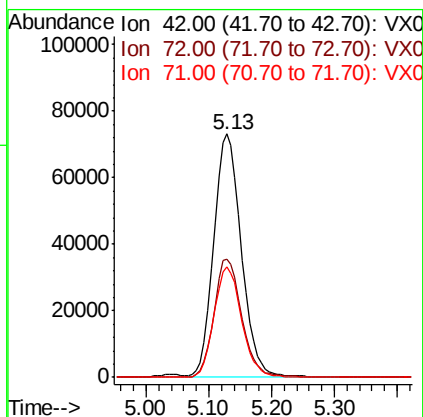
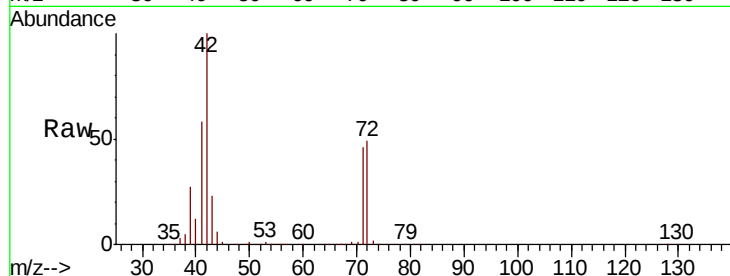




#29
Tetrahydrofuran
Concen: 262.859 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

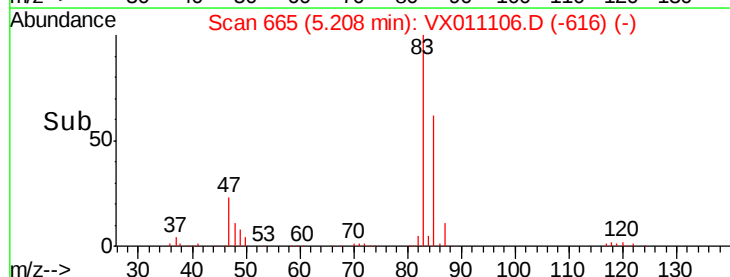
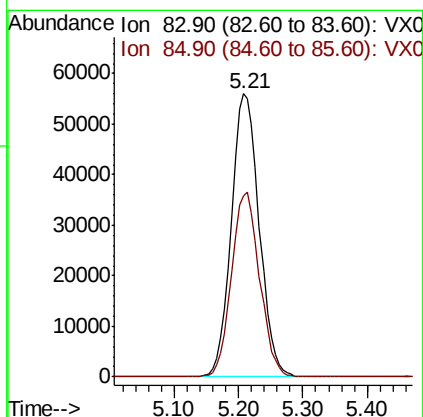
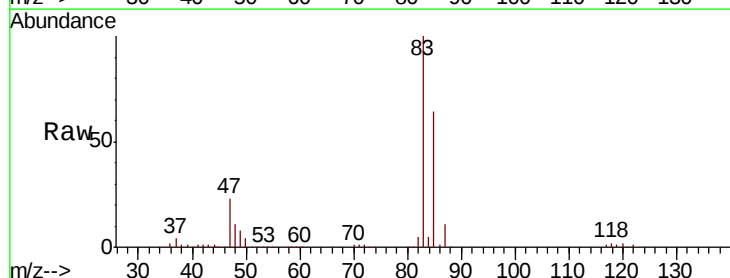
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

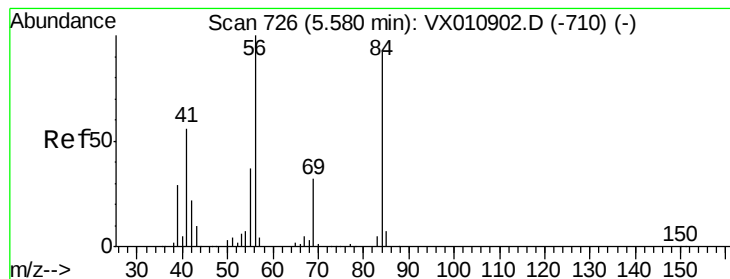
Tot Ion: 42 Resp: 221413
Ion Ratio Lower Upper
42 100
72 49.2 39.8 59.8
71 45.6 37.0 55.4



#30
Chloroform
Concen: 51.246 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 83 Resp: 169235
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0





#31

Cyclohexane

Concen: 47.271 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

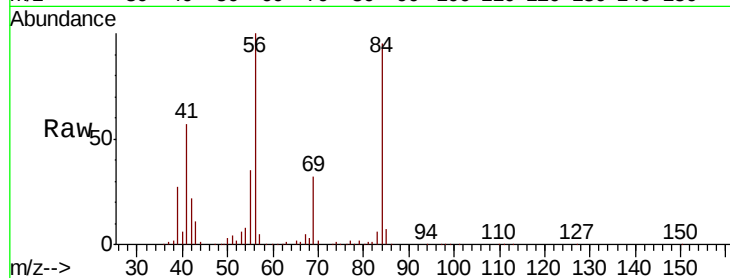
Tot Ion: 56 Resp: 131641

Ion Ratio Lower Upper

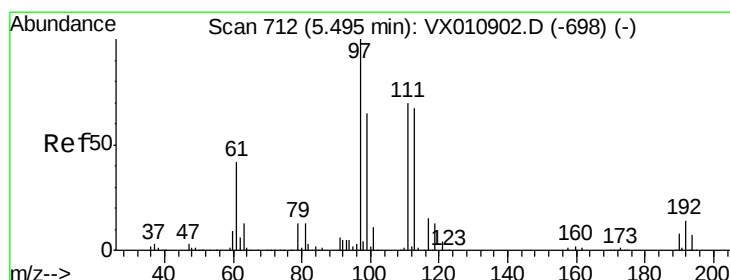
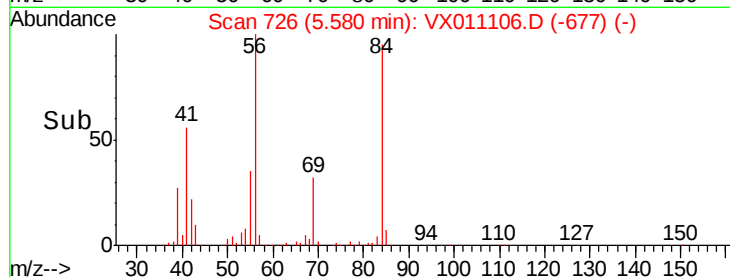
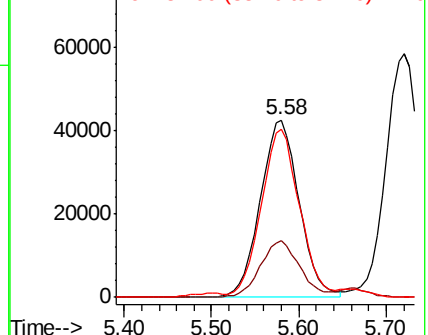
56 100

69 31.9 25.8 38.8

84 93.2 73.8 110.6



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



#32

1,1,1-Trichloroethane

Concen: 51.730 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

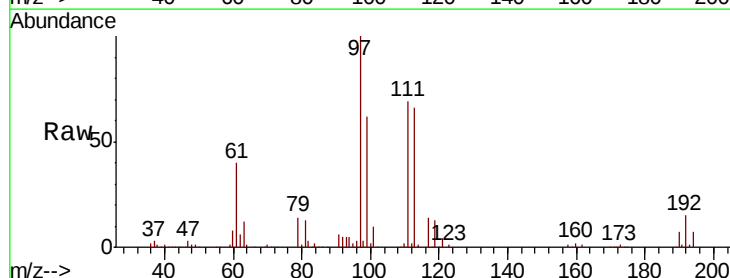
Tgt Ion: 97 Resp: 147799

Ion Ratio Lower Upper

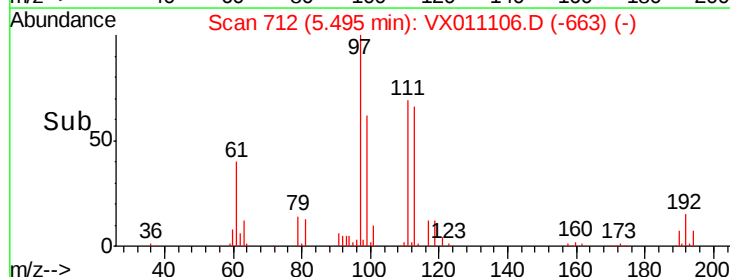
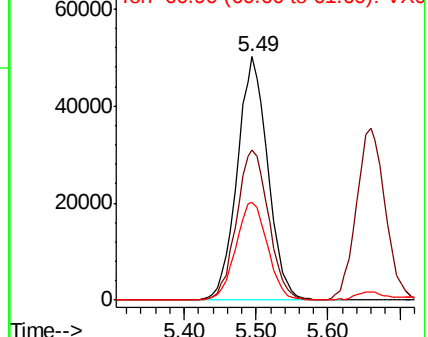
97 100

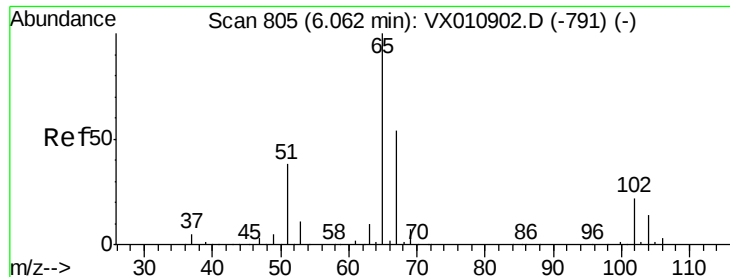
99 64.6 51.4 77.0

61 41.9 33.0 49.6



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

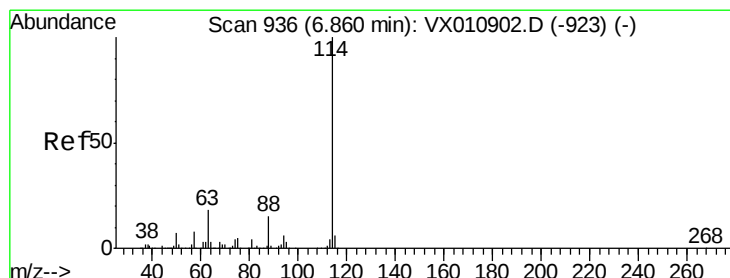
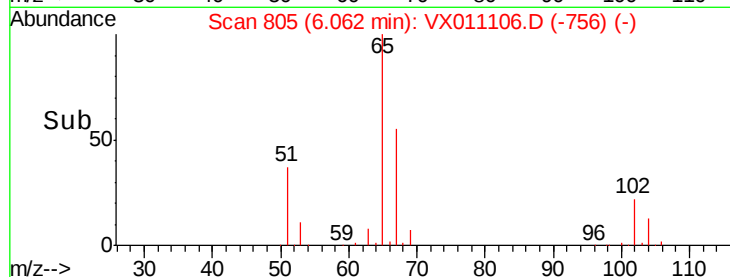
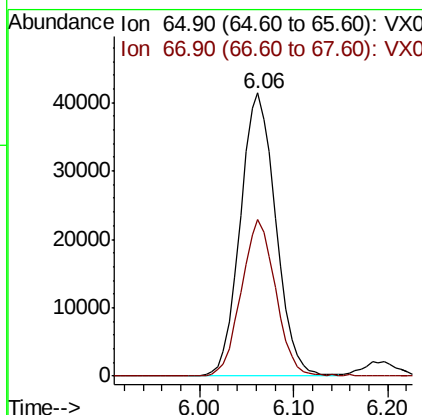
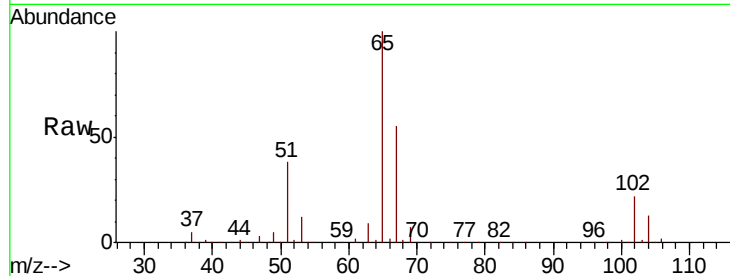




#33
 1,2-Dichloroethane-d4
 Concen: 53.012 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

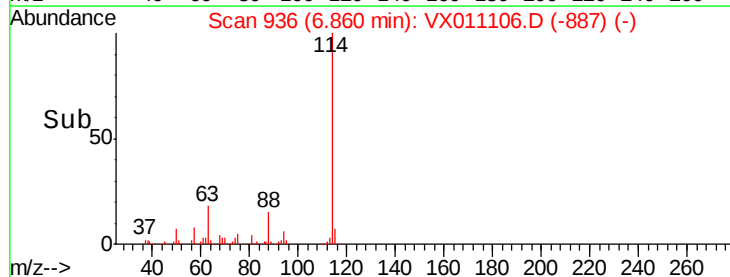
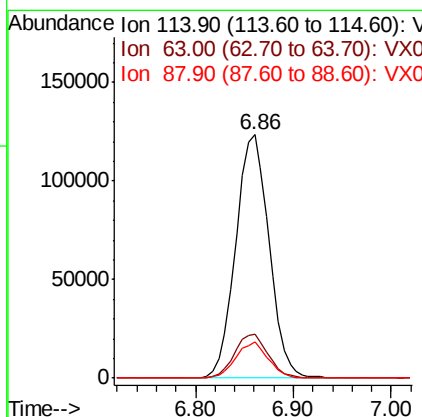
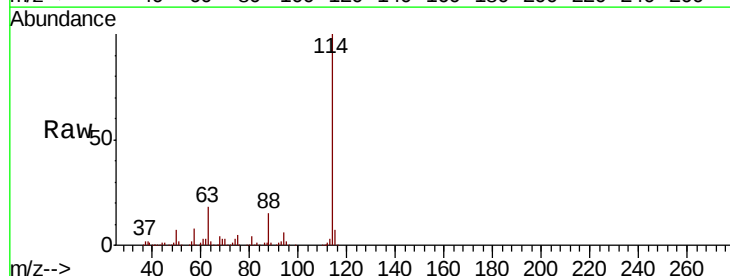
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

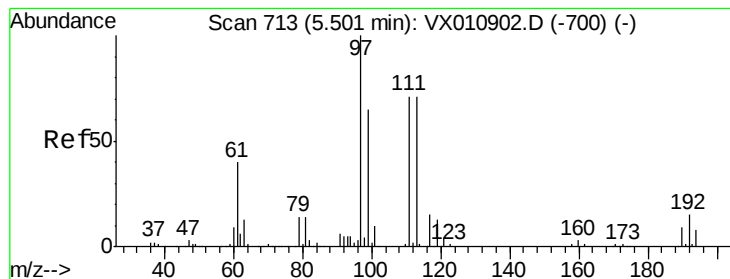
Tot Ion: 65 Resp: 108730
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion: 114 Resp: 292866
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.6
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 52.641 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

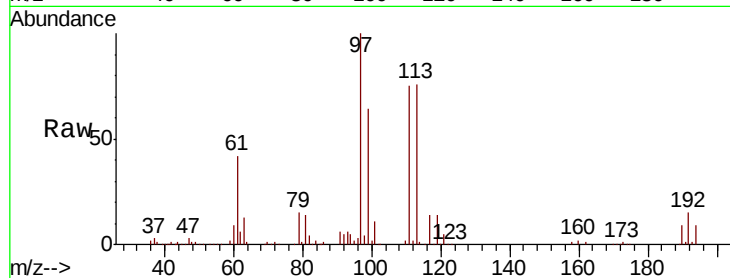
Tot Ion:113 Resp: 97853

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

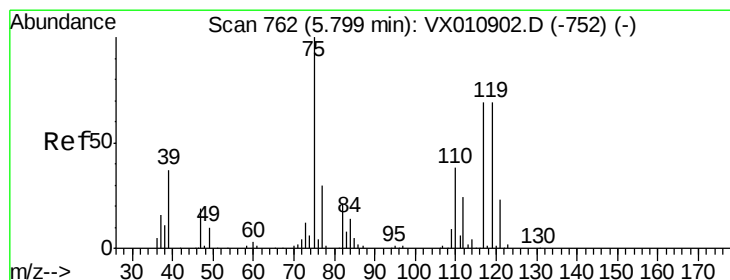
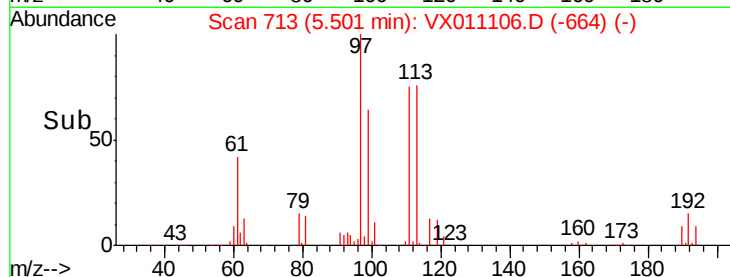
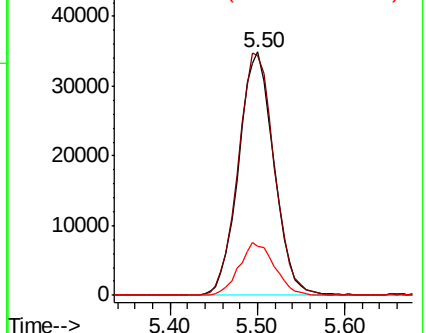
192 21.8 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.754 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

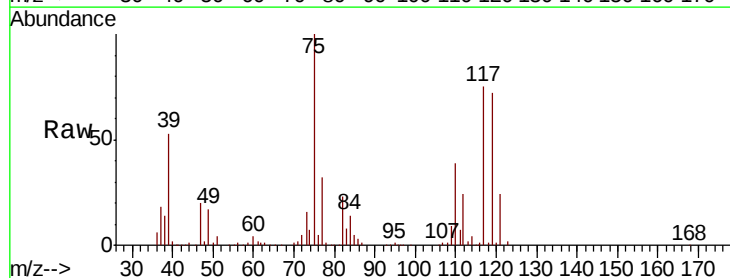
Tgt Ion: 75 Resp: 117285

Ion Ratio Lower Upper

75 100

110 38.7 19.9 59.7

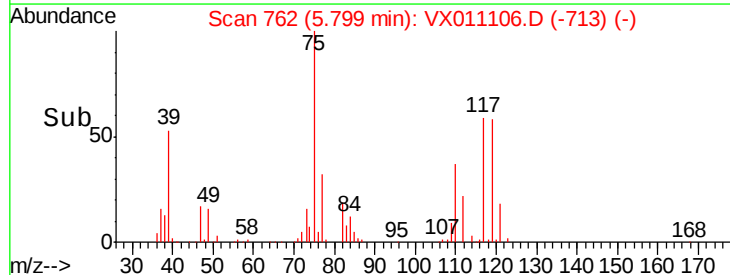
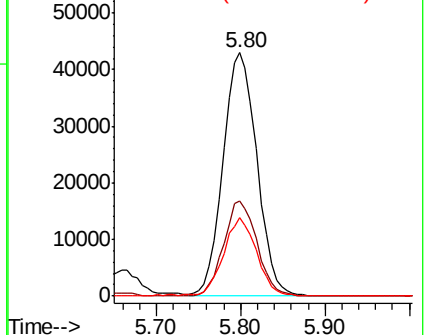
77 32.4 25.0 37.4

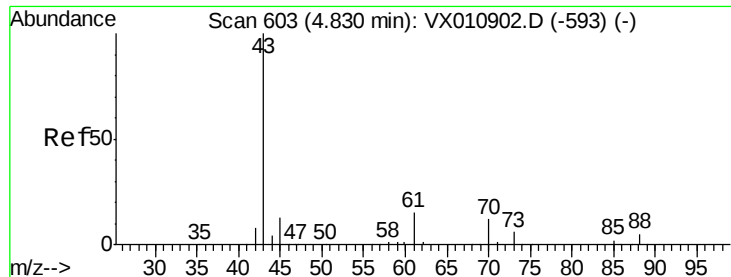


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.132 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

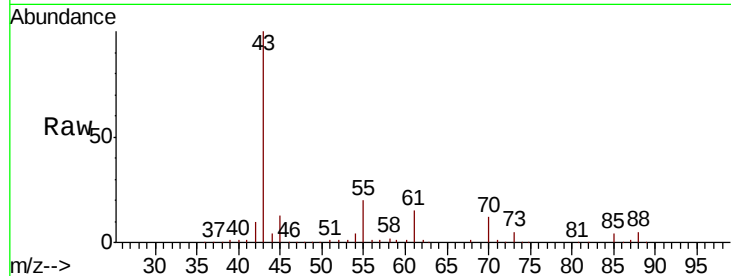
Tot Ion: 43 Resp: 128417

Ion Ratio Lower Upper

43 100

61 14.2 11.6 17.4

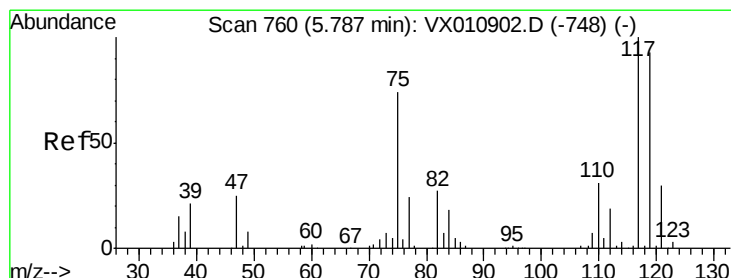
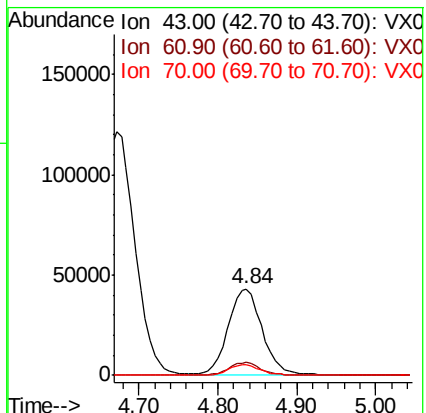
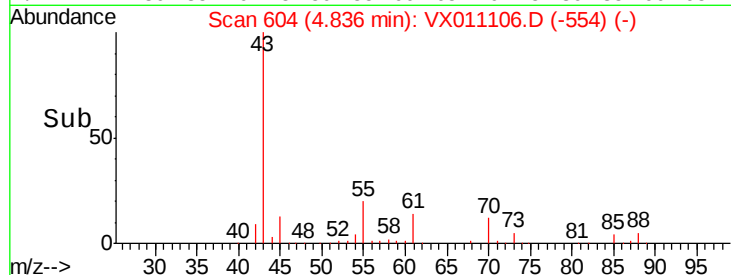
70 11.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX011106.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX011106.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX011106.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 51.067 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

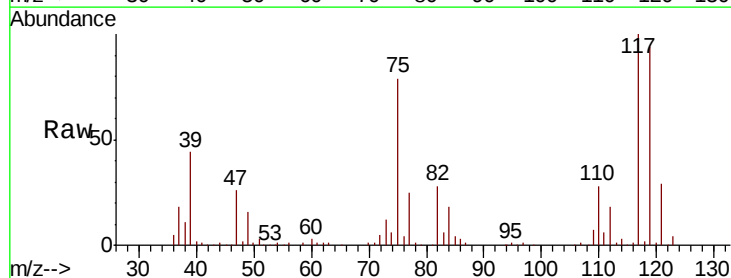
Tgt Ion: 117 Resp: 128012

Ion Ratio Lower Upper

117 100

119 93.7 74.2 111.2

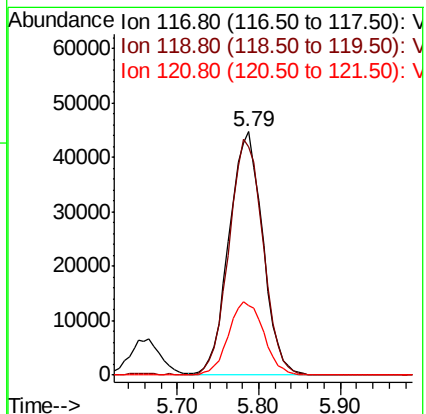
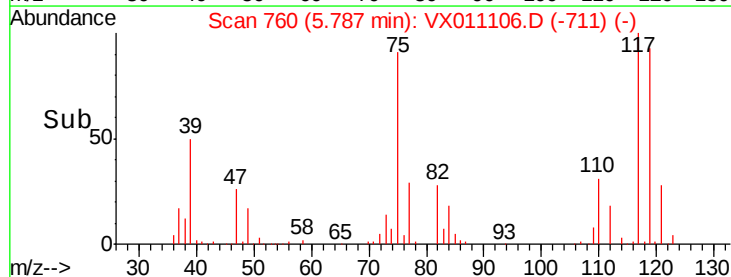
121 28.8 24.2 36.2

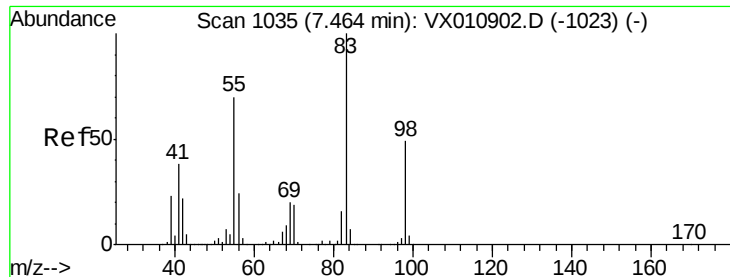


Abundance Ion 116.80 (116.50 to 117.50): VX011106.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX011106.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX011106.D (-711) (-)

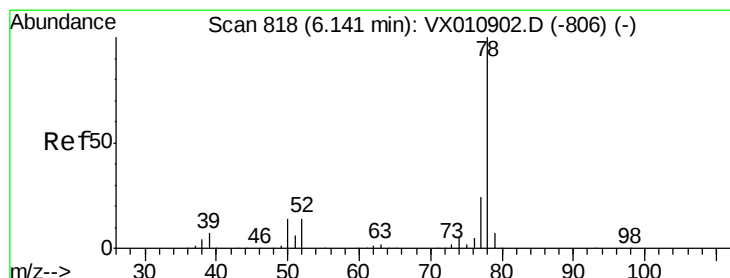
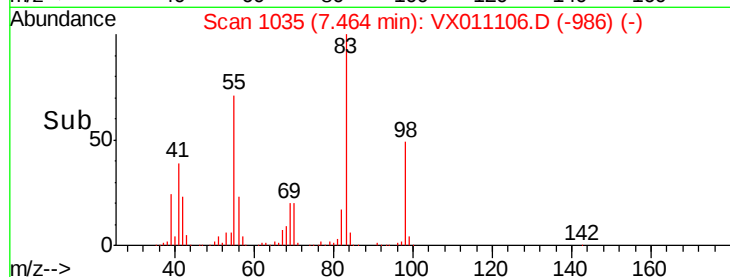
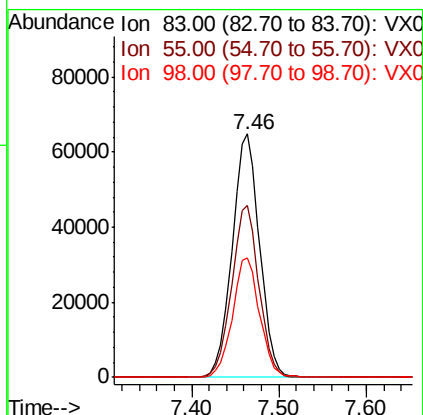
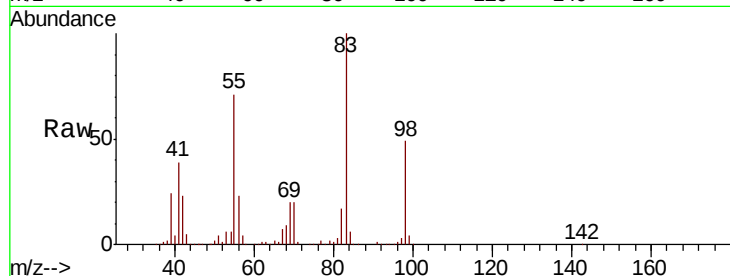




#39
Methvlcvclohexane
Concen: 45.233 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

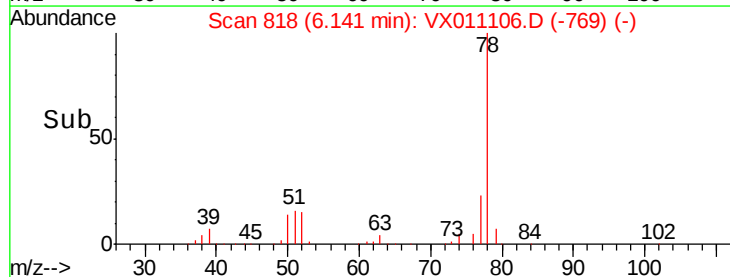
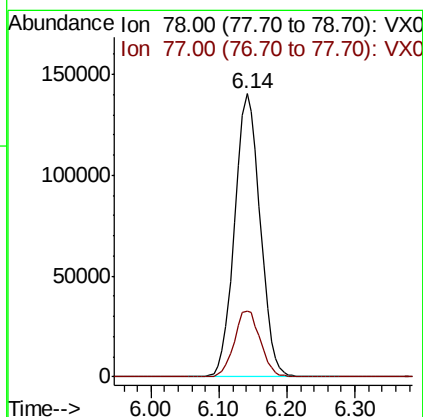
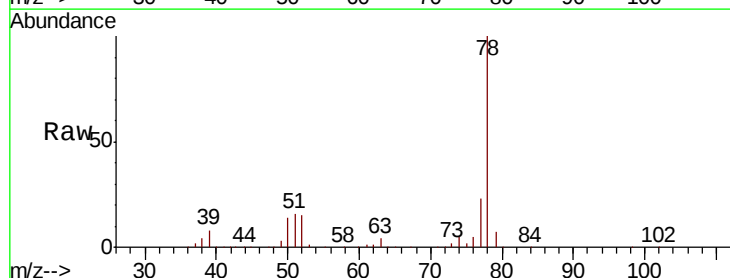
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

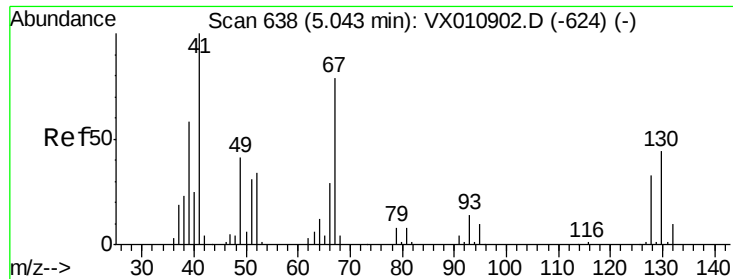
Tot Ion: 83 Resp: 141109
Ion Ratio Lower Upper
83 100
55 70.8 56.2 84.4
98 48.9 39.0 58.4



#40
Benzene
Concen: 49.750 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 78 Resp: 366602
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41

Methacrylonitrile

Concen: 52.621 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 73583

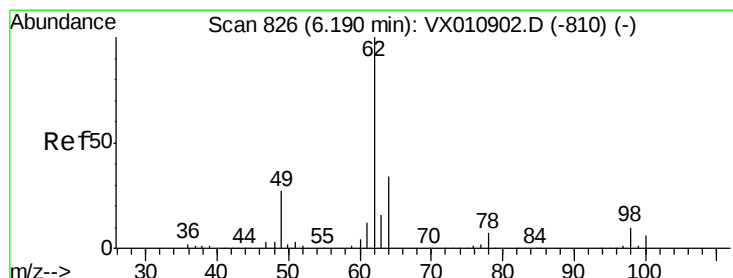
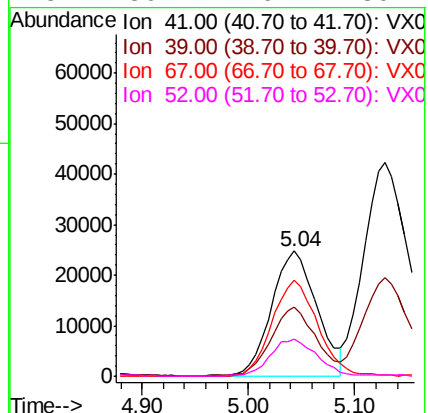
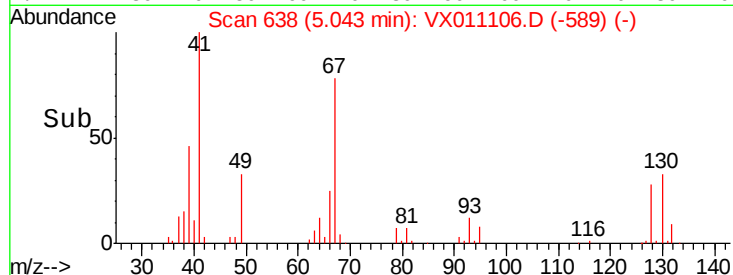
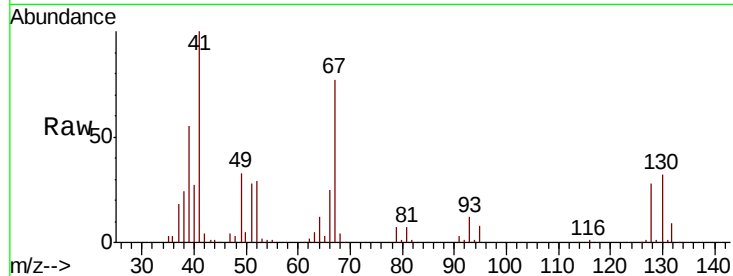
Ion Ratio Lower Upper

41 100

39 53.4 45.4 68.2

67 76.5 65.9 98.9

52 30.4 26.2 39.2



#42

1,2-Dichloroethane

Concen: 51.092 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX011106.D

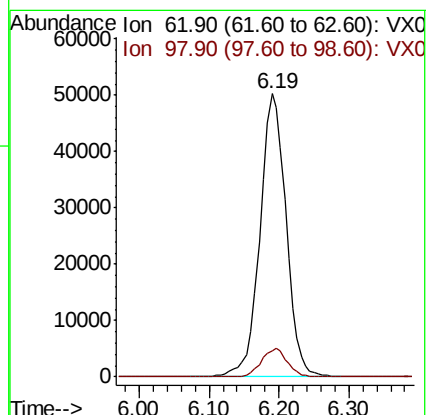
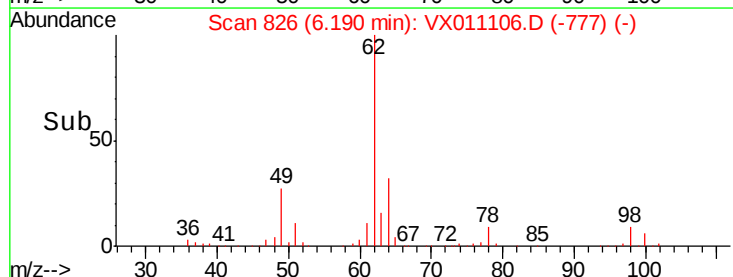
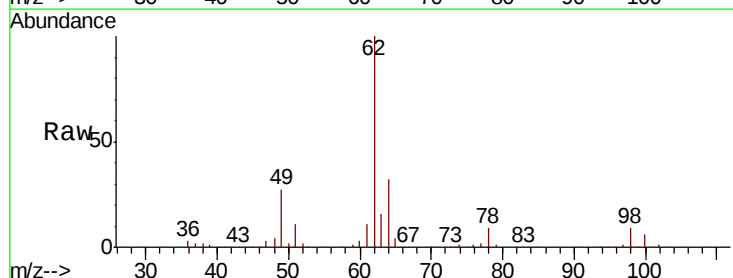
Acq: 26 Jul 2019 21:16

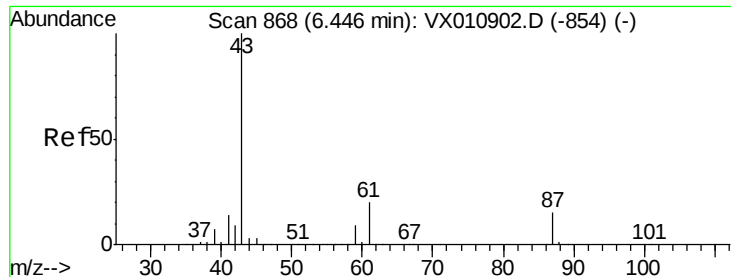
Tgt Ion: 62 Resp: 130906

Ion Ratio Lower Upper

62 100

98 9.8 0.0 20.0





#43

Isopropyl Acetate

Concen: 52.007 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

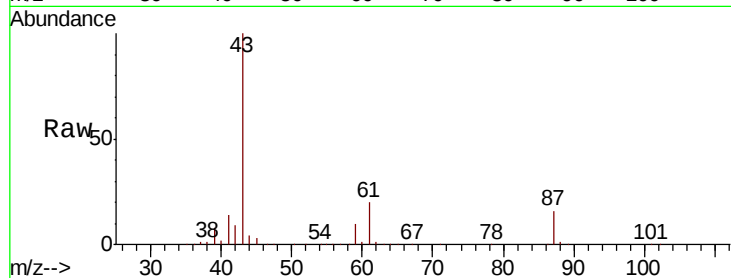
Tot Ion: 43 Resp: 210650

Ion Ratio Lower Upper

43 100

61 20.3 17.1 25.7

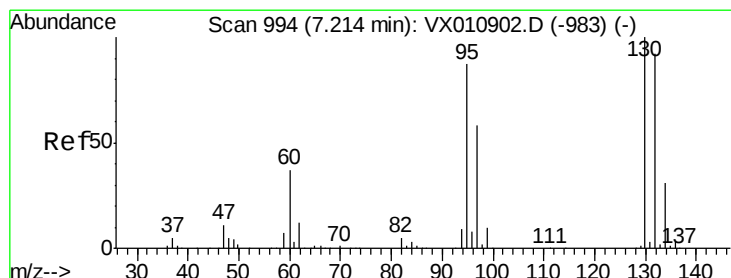
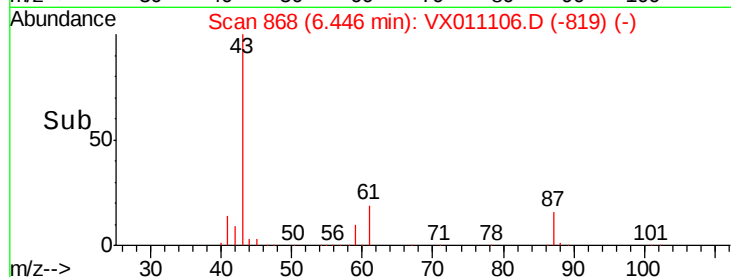
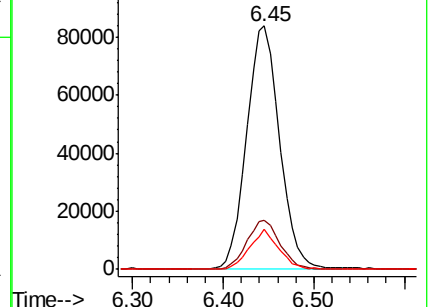
87 14.6 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.649 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011106.D

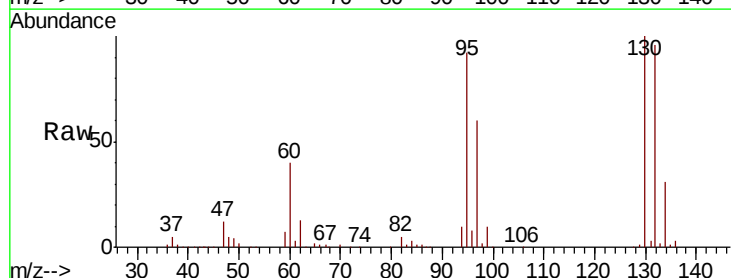
Acq: 26 Jul 2019 21:16

Tgt Ion: 130 Resp: 106115

Ion Ratio Lower Upper

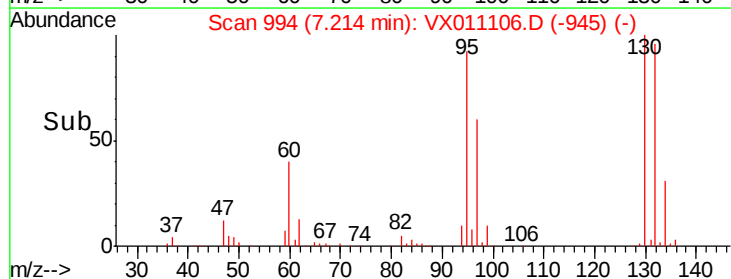
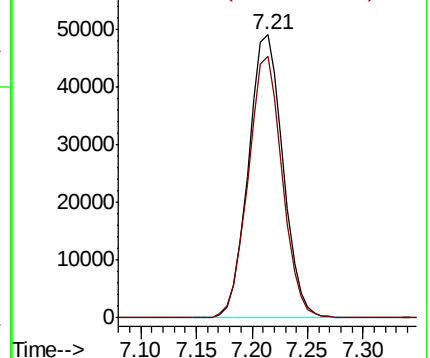
130 100

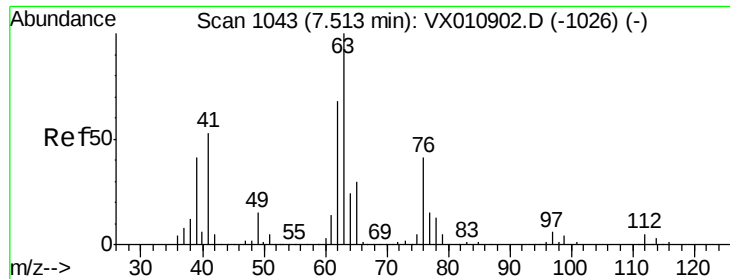
95 92.4 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.330 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

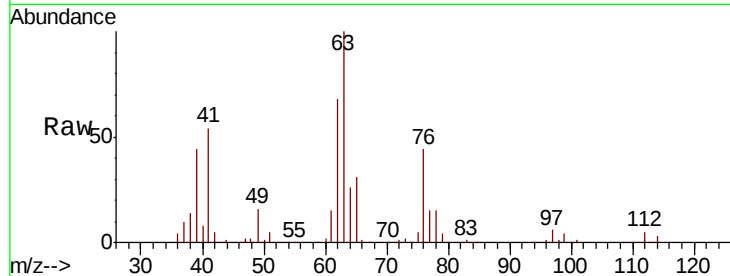
VSTDCCC050EC

Tot Ion: 63 Resp: 94396

Ion Ratio Lower Upper

63 100

65 30.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

50000

40000

30000

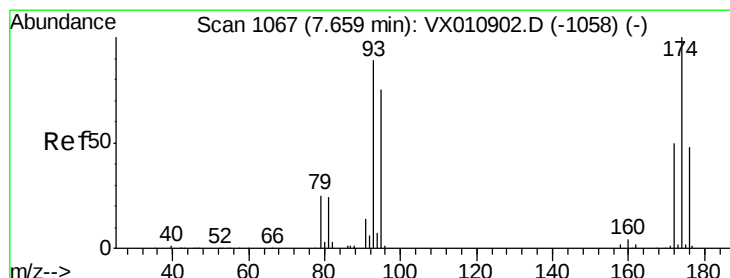
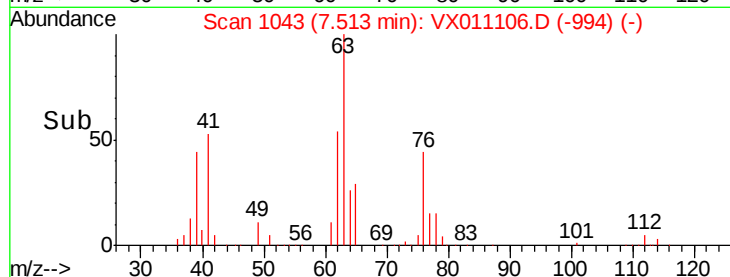
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 51.152 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

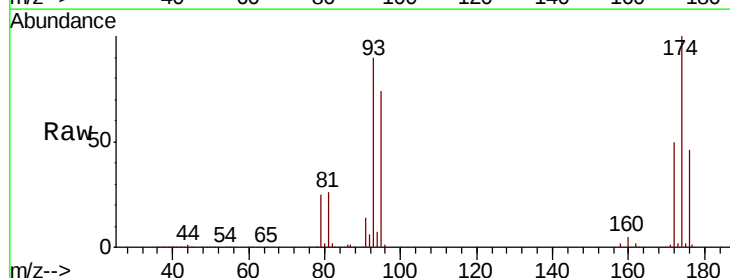
Tgt Ion: 93 Resp: 68553

Ion Ratio Lower Upper

93 100

95 83.9 67.2 100.8

174 113.8 90.6 135.8



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

50000

40000

30000

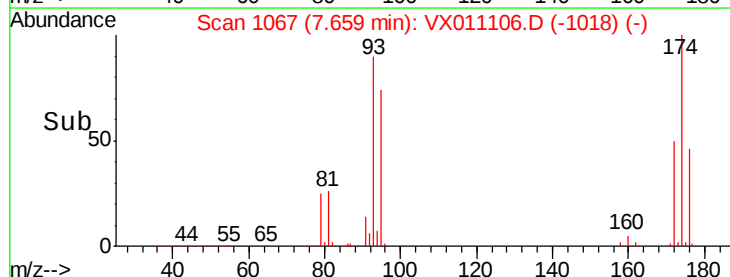
20000

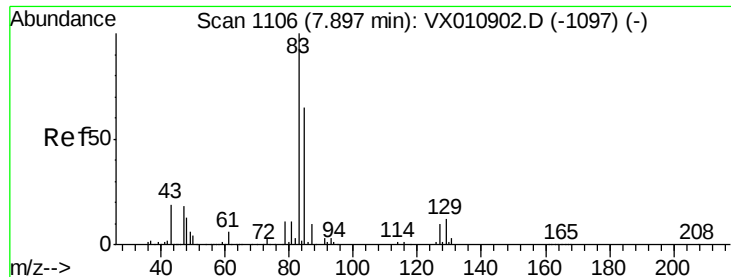
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 53.322 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

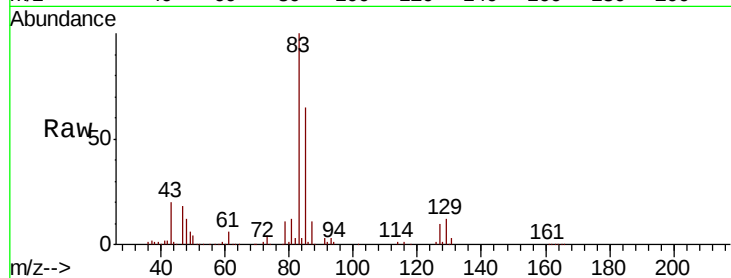
Tot Ion: 83 Resp: 127208

Ion Ratio Lower Upper

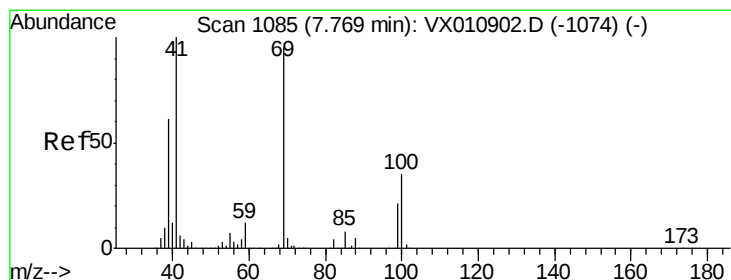
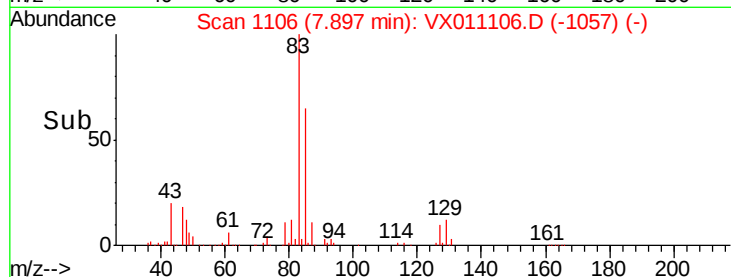
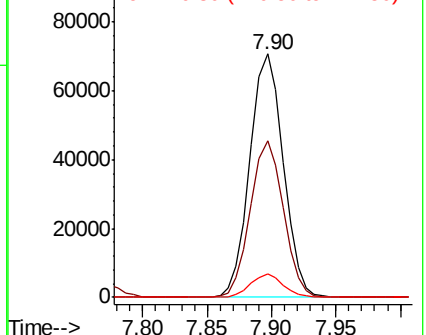
83 100

85 64.4 52.5 78.7

127 9.6 7.8 11.8



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: 51.662 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

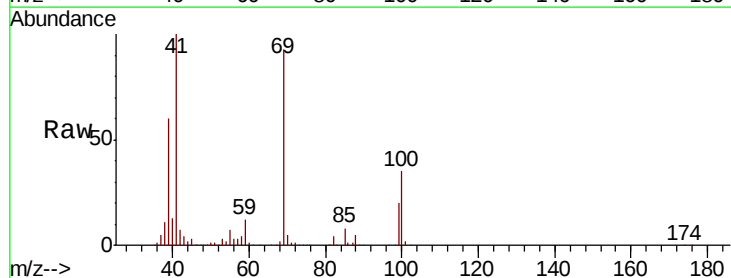
Tgt Ion: 41 Resp: 101938

Ion Ratio Lower Upper

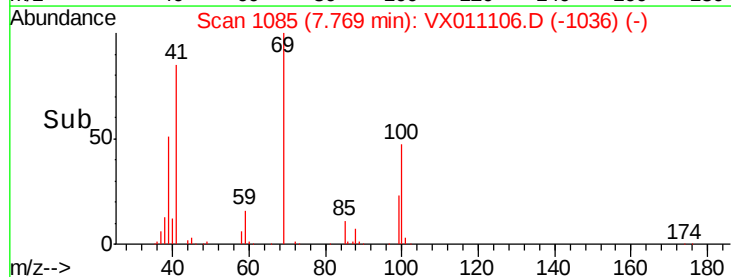
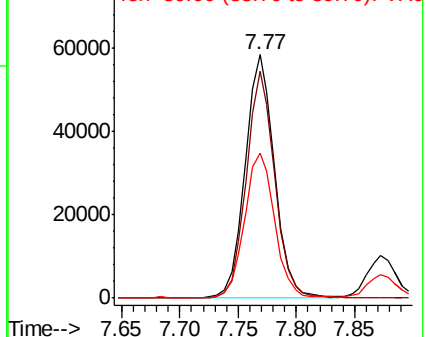
41 100

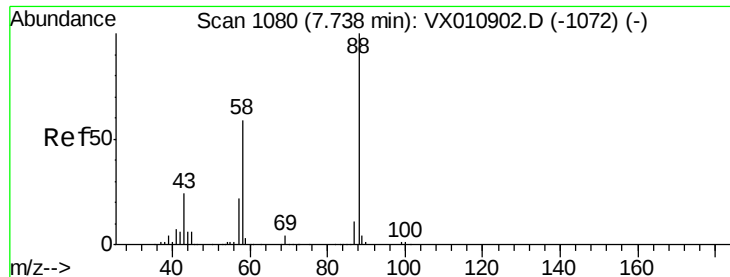
69 91.2 74.4 111.6

39 61.6 48.9 73.3



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

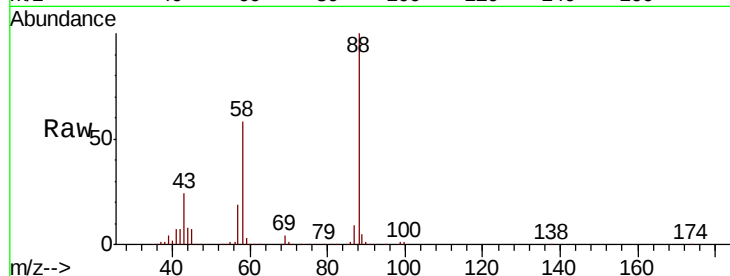




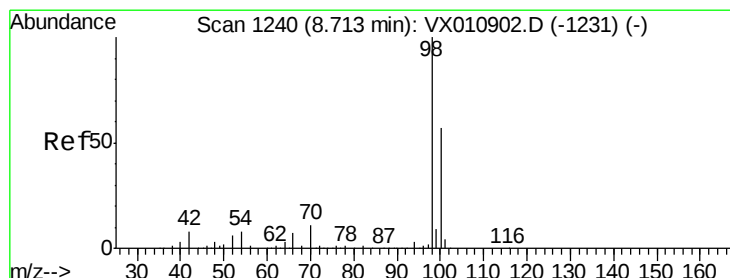
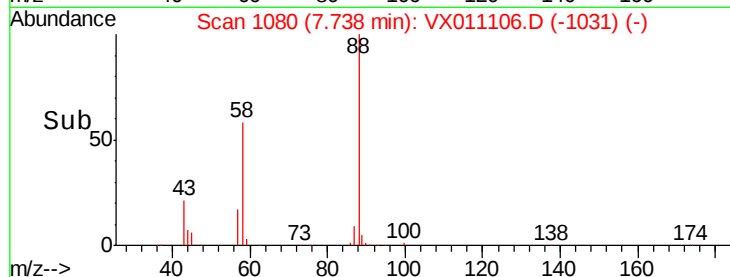
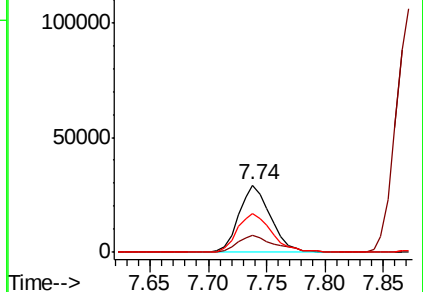
#49
1,4-Dioxane
Concen: 997.741 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 55069
Ion Ratio Lower Upper
88 100
43 29.6 22.9 34.3
58 63.9 49.8 74.8

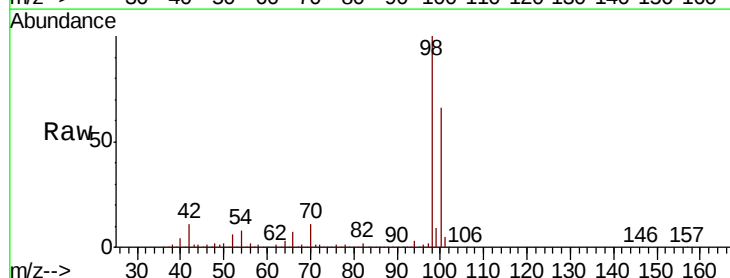


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

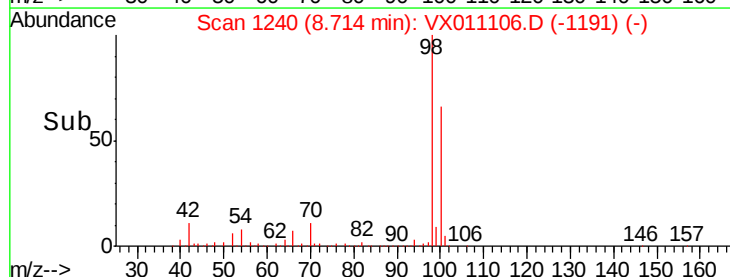
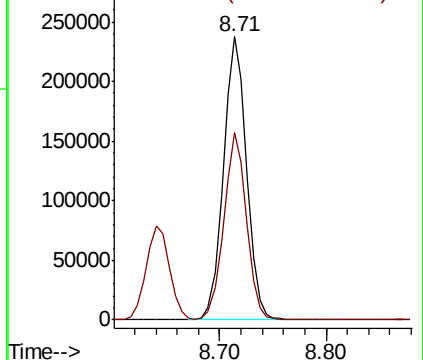


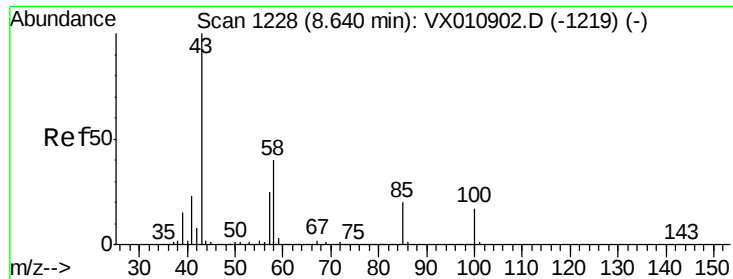
#50
Toluene-d8
Concen: 51.398 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 98 Resp: 358346
Ion Ratio Lower Upper
98 100
100 64.7 50.6 75.8



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

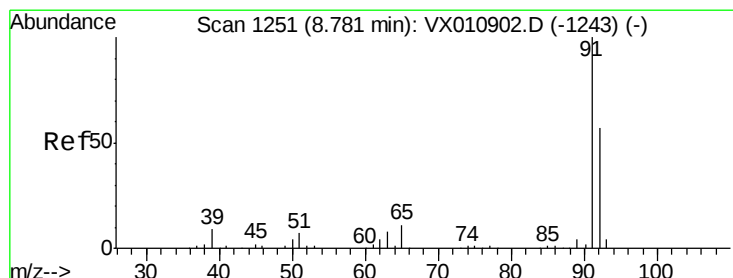
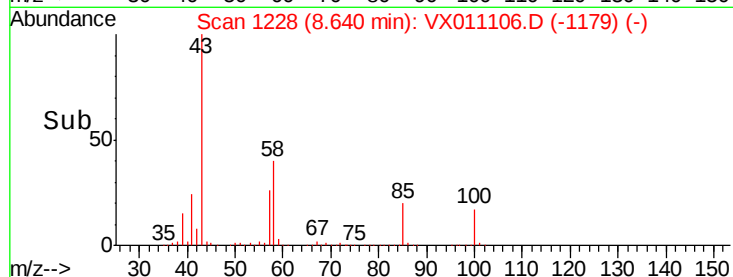
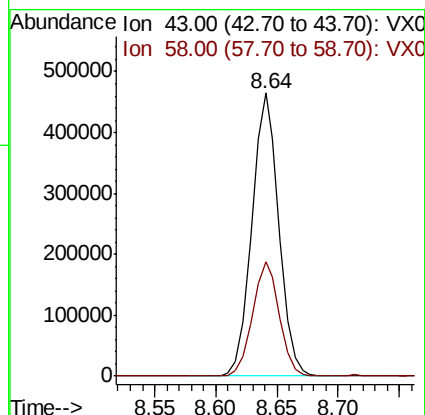
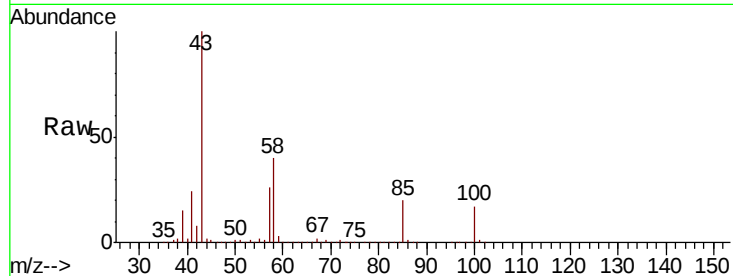




#51
4-Methyl-2-Pentanone
Concen: 270.456 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

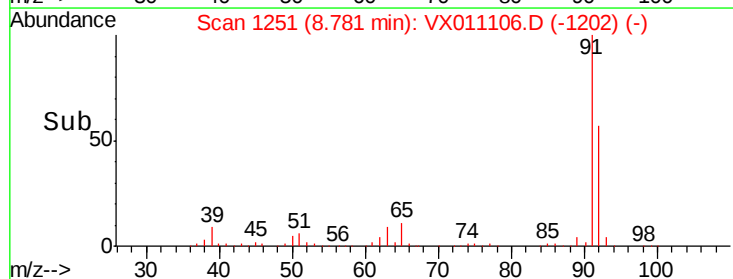
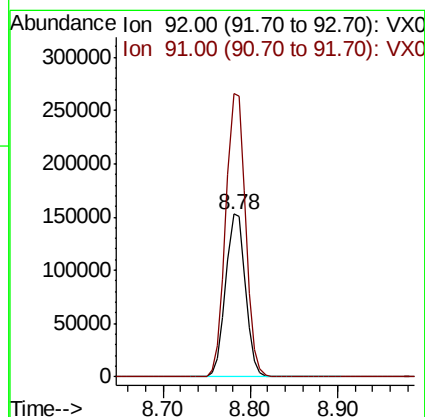
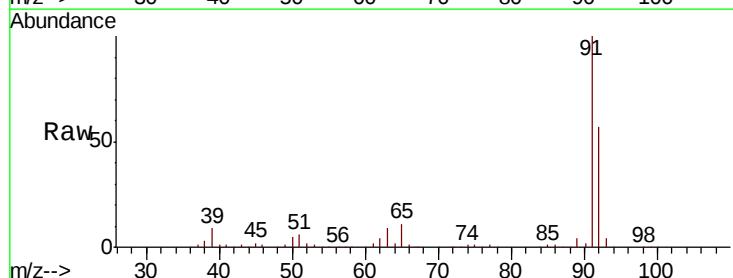
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

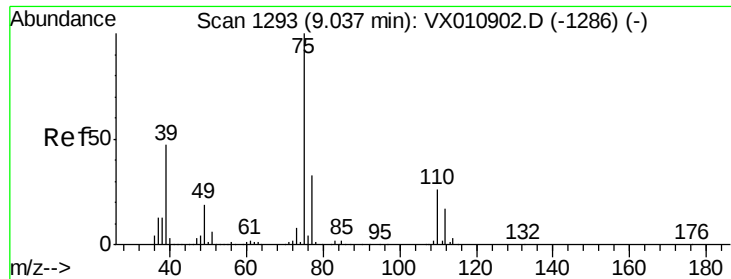
Tot Ion: 43 Resp: 710116
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.4



#52
Toluene
Concen: 49.533 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 92 Resp: 239783
Ion Ratio Lower Upper
92 100
91 174.4 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 51.677 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

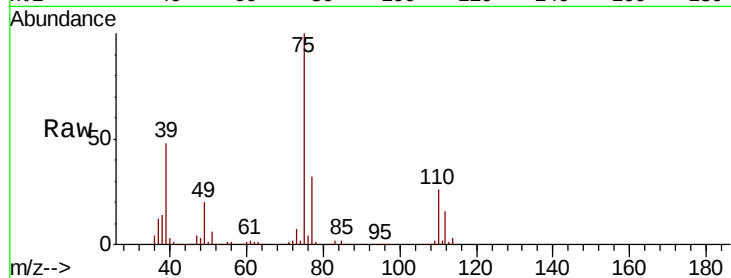
VSTDCCC050EC

Tot Ion: 75 Resp: 132560

Ion Ratio Lower Upper

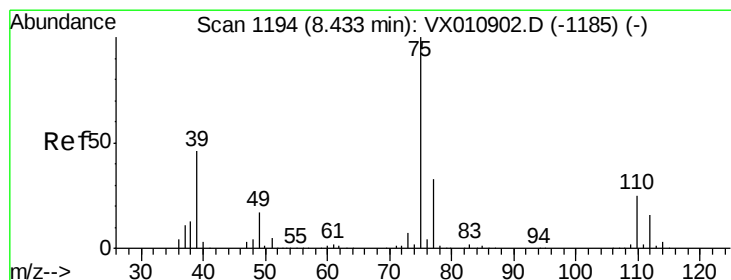
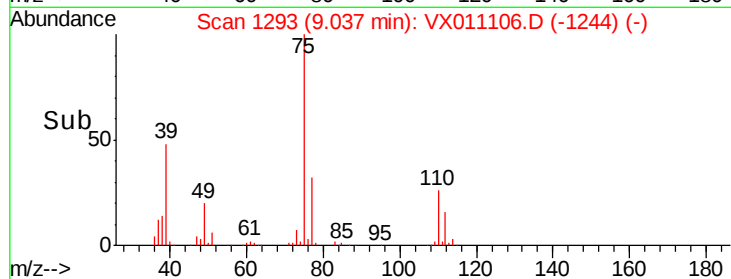
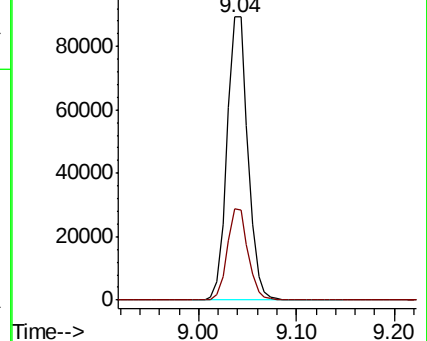
75 100

77 32.4 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.764 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

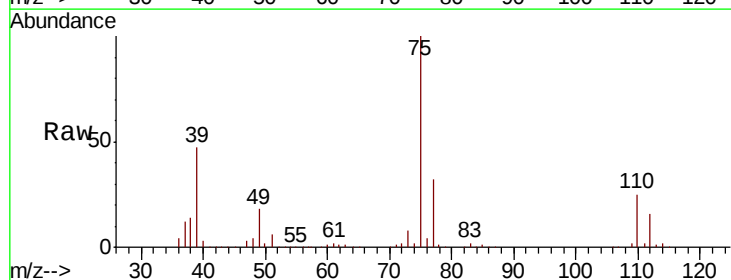
Tgt Ion: 75 Resp: 144898

Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

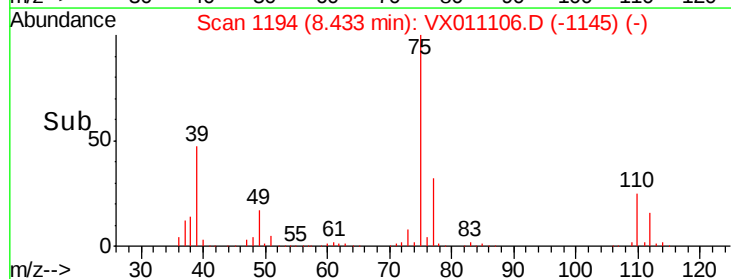
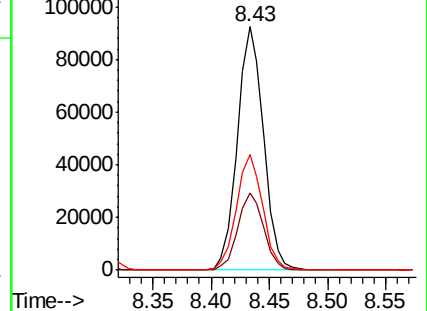
39 47.3 36.6 54.8

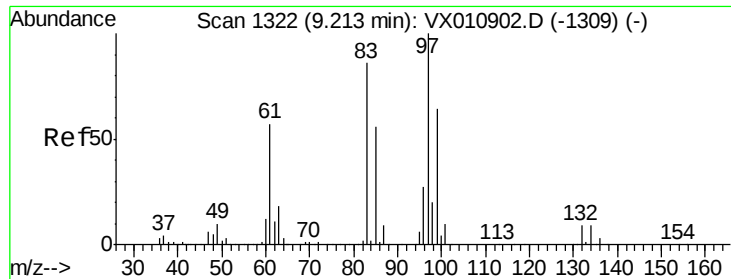


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

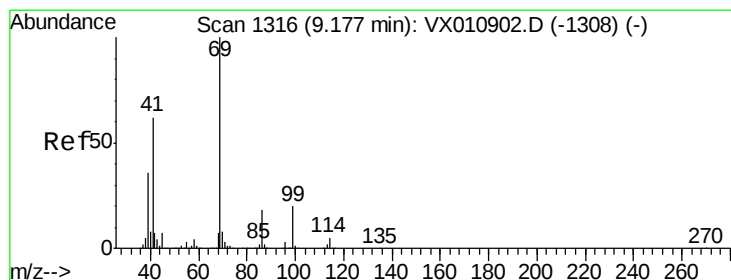
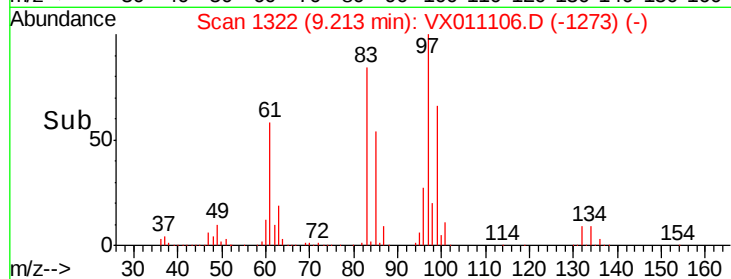
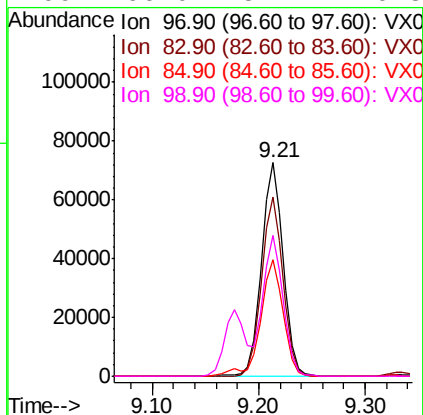
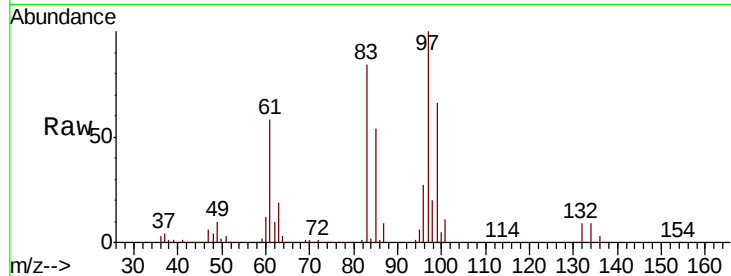




#55
1,1,2-Trichloroethane
Concen: 51.941 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

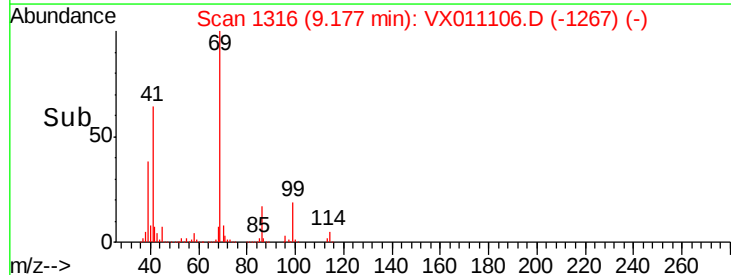
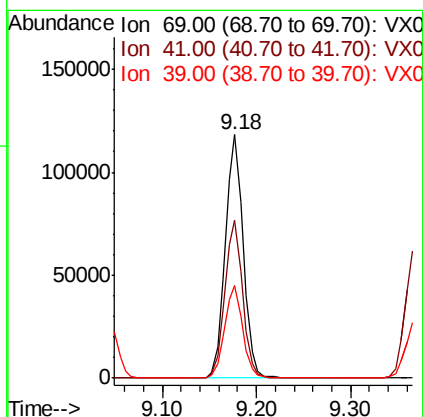
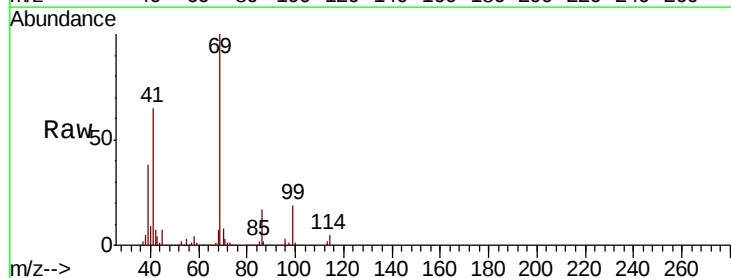
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

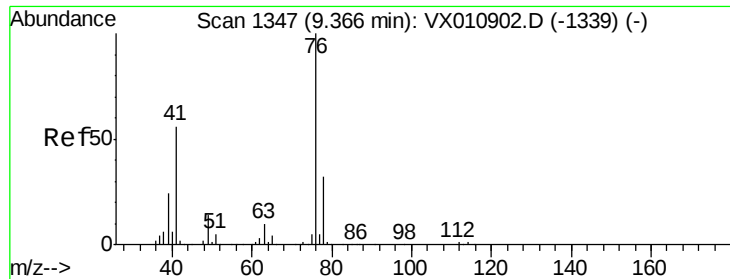
Tot Ion:	97	Resp:	103530
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.2	103.8
85	54.3	44.6	66.8
99	66.0	51.2	76.8



#56
Ethyl methacrylate
Concen: 53.639 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion:	69	Resp:	156390
Ion	Ratio	Lower	Upper
69	100		
41	63.6	49.7	74.5
39	37.7	29.6	44.4





#57

1,3-Dichloropropane

Concen: 51.531 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

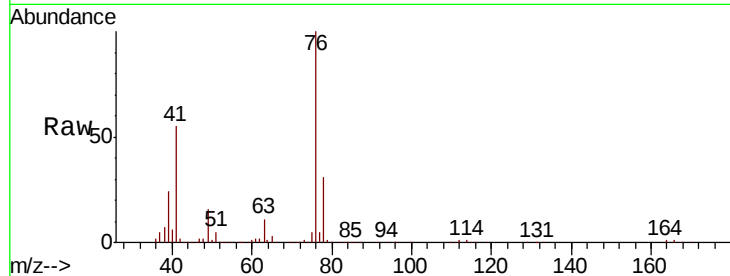
VSTDCCC050EC

Tot Ion: 76 Resp: 162941

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

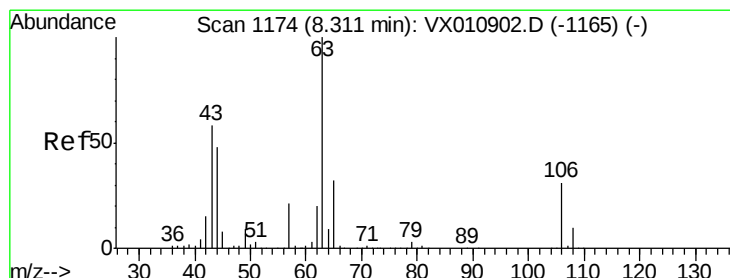
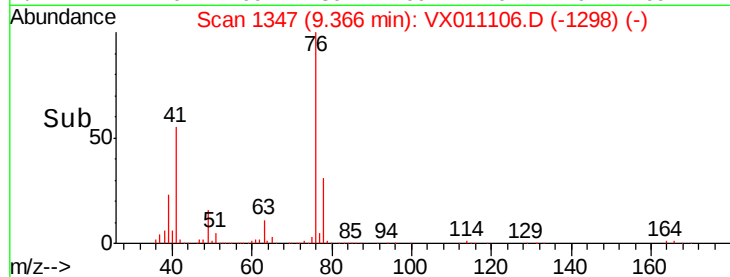
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.756 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011106.D

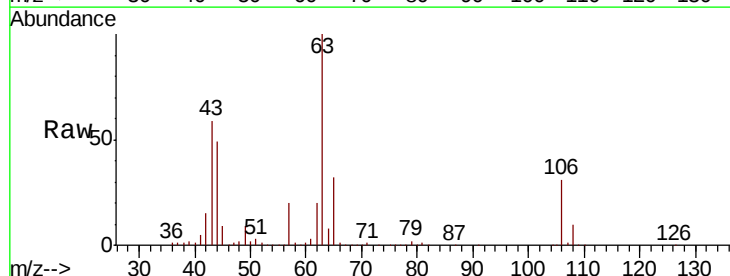
Acq: 26 Jul 2019 21:16

Tgt Ion: 63 Resp: 360134

Ion Ratio Lower Upper

63 100

106 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

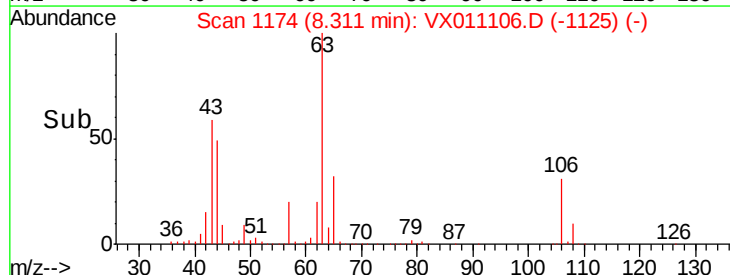
150000

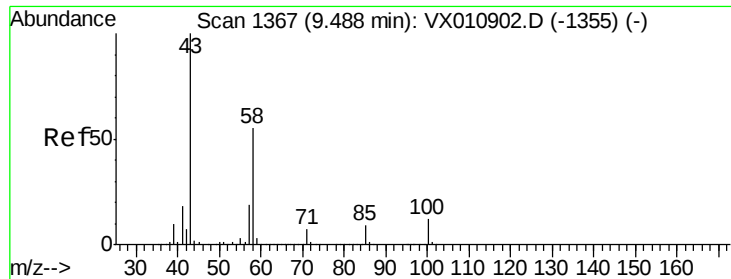
100000

50000

0

Time-->

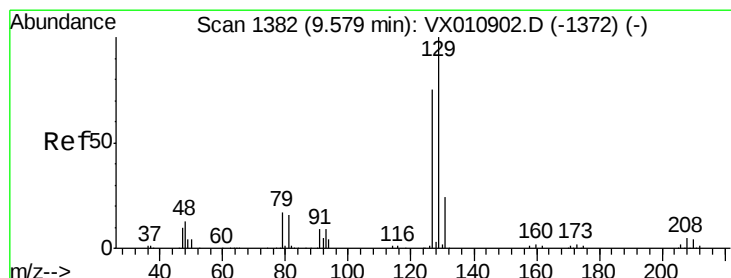
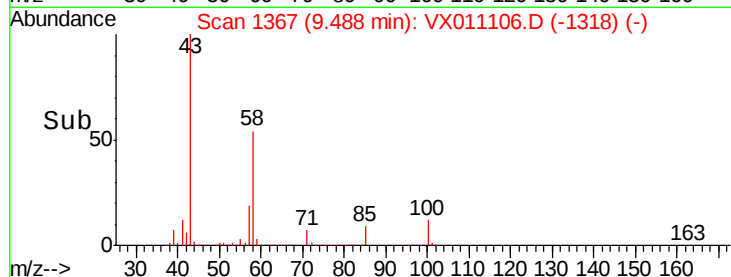
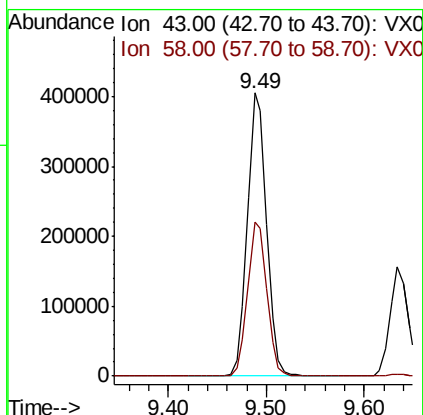
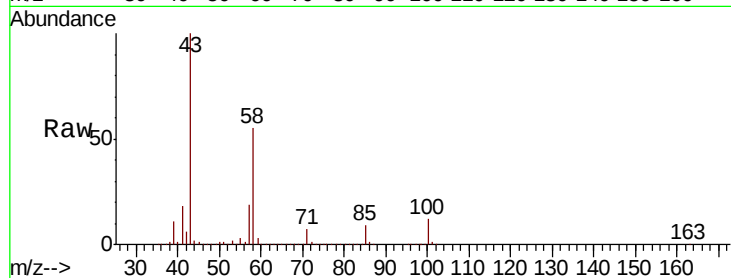




#59
2-Hexanone
Concen: 269.772 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

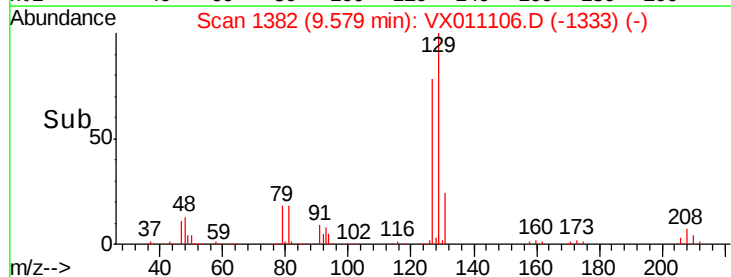
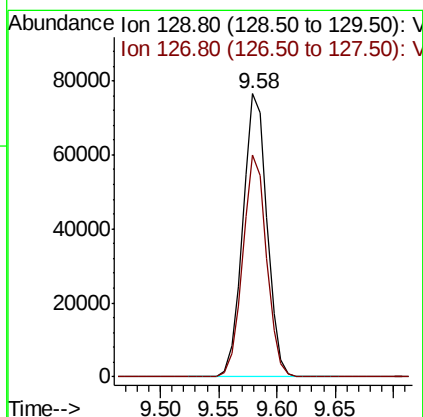
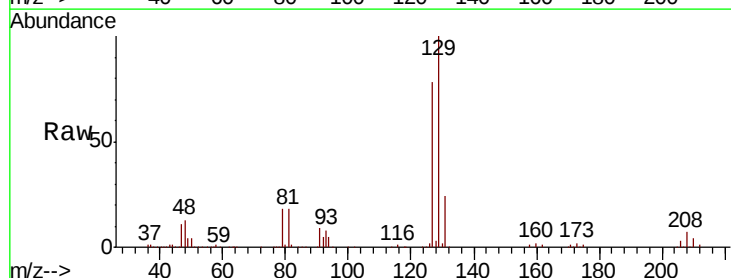
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

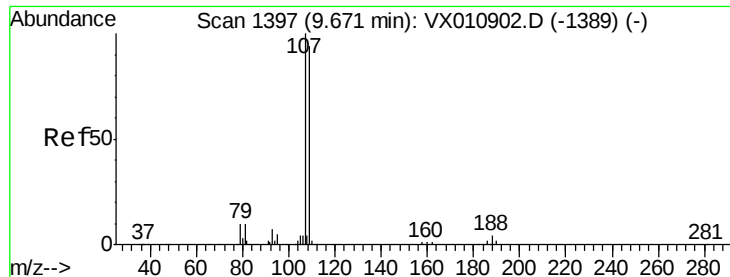
Tot Ion: 43 Resp: 549384
Ion Ratio Lower Upper
43 100
58 55.2 28.0 83.9



#60
Dibromochloromethane
Concen: 48.499 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 129 Resp: 111070
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.276 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

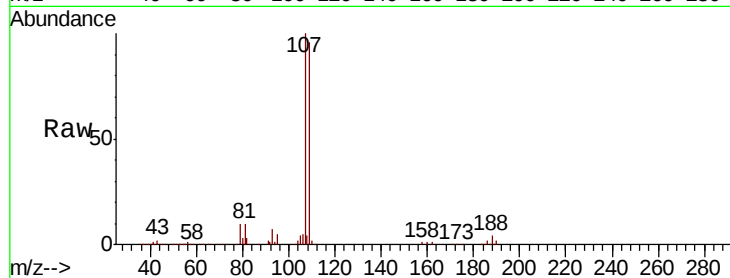
VSTDCCC050EC

Tot Ion:107 Resp: 110580

Ion Ratio Lower Upper

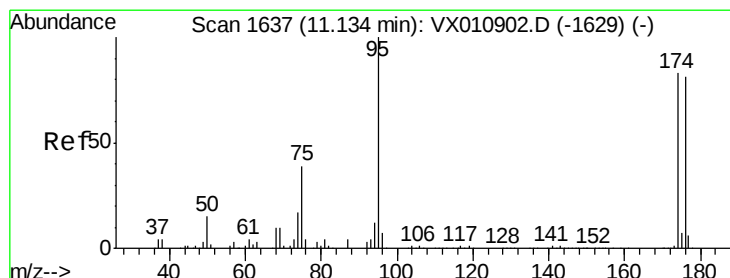
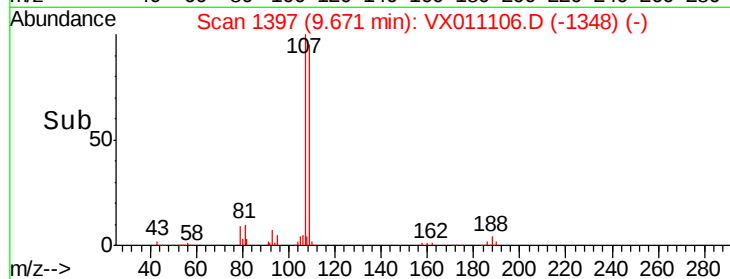
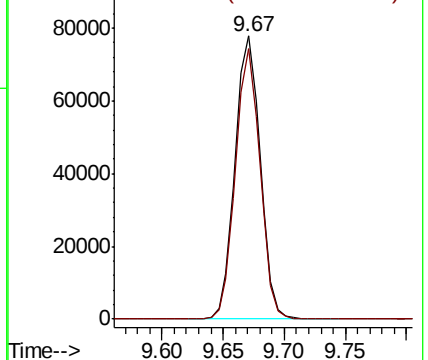
107 100

109 93.4 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.584 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

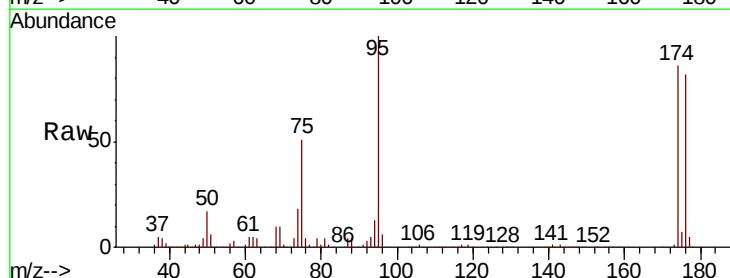
Tgt Ion: 95 Resp: 139882

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.6

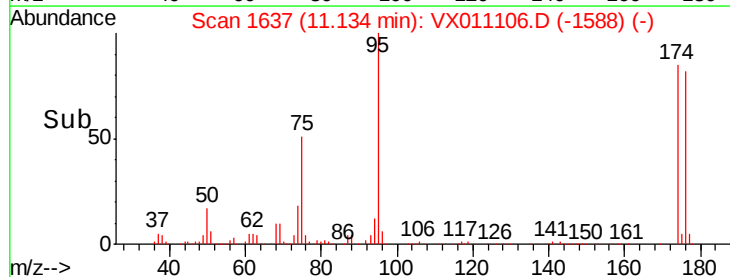
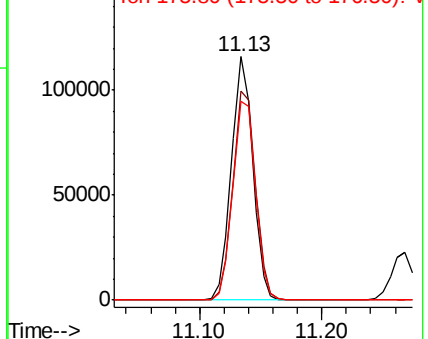
176 87.1 0.0 173.8

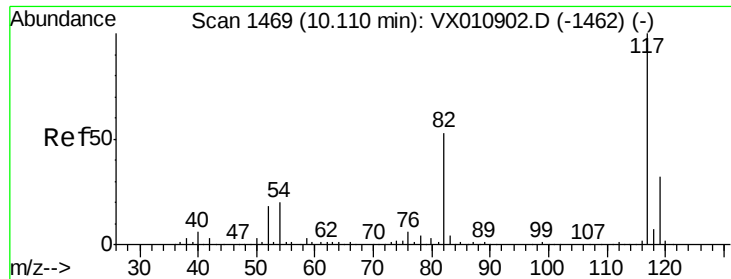


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

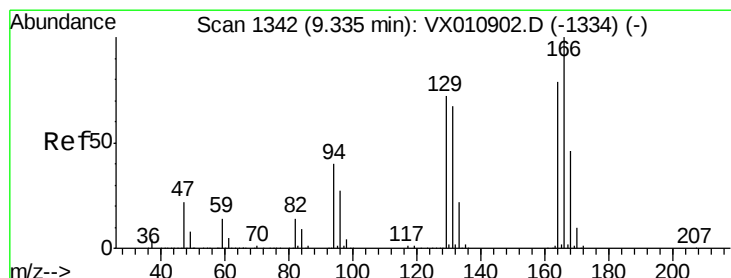
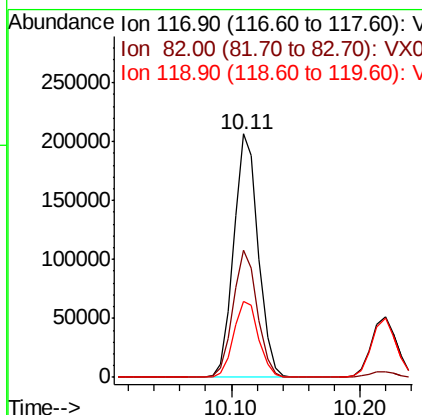
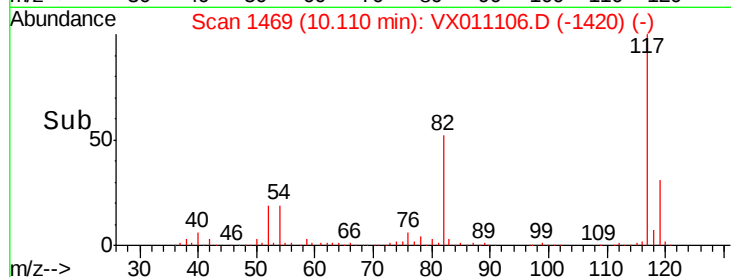
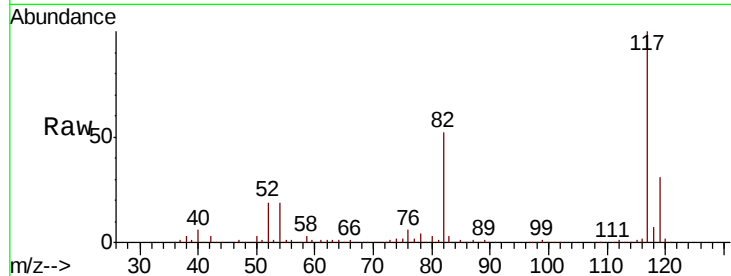




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

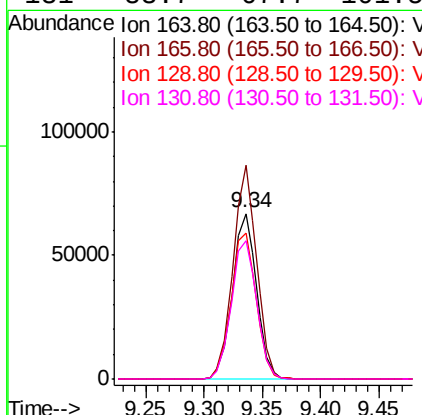
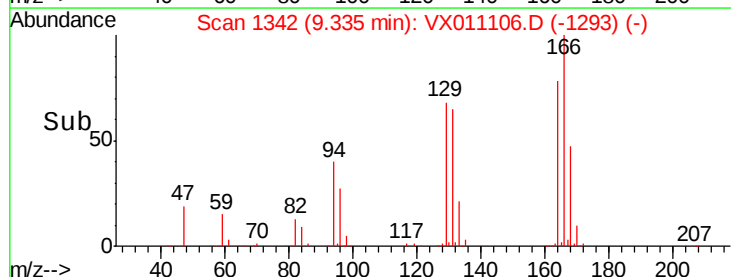
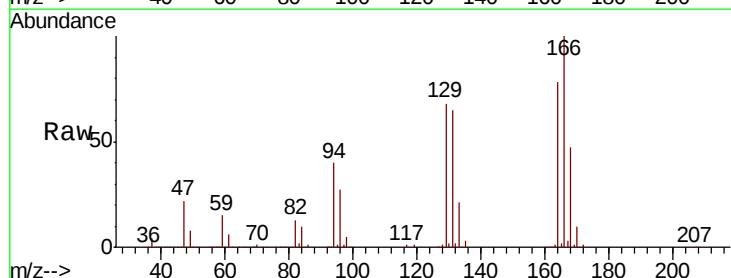
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

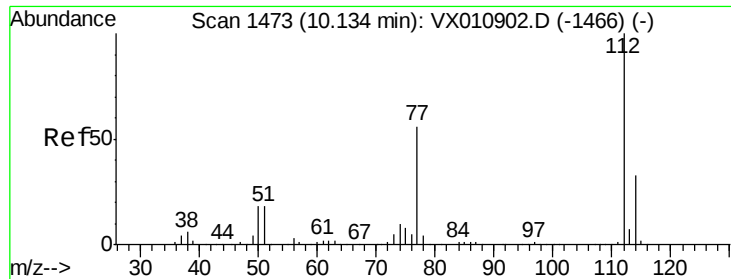
Tot Ion:117 Resp: 273537
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 31.4 25.9 38.9



#64
Tetrachloroethene
Concen: 44.882 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion:164 Resp: 96581
Ion Ratio Lower Upper
164 100
166 128.9 100.8 151.2
129 87.8 72.6 109.0
131 83.7 67.7 101.5

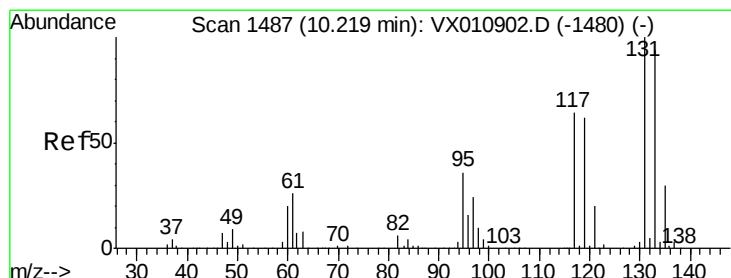
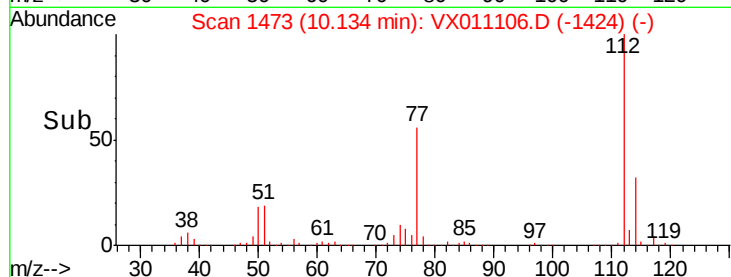
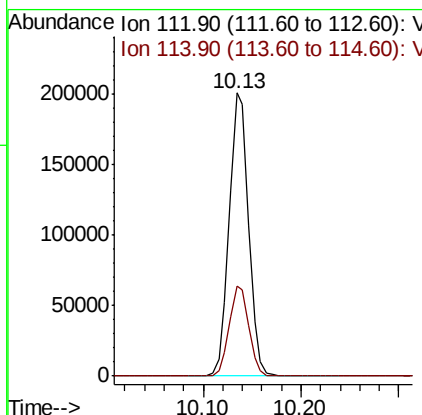
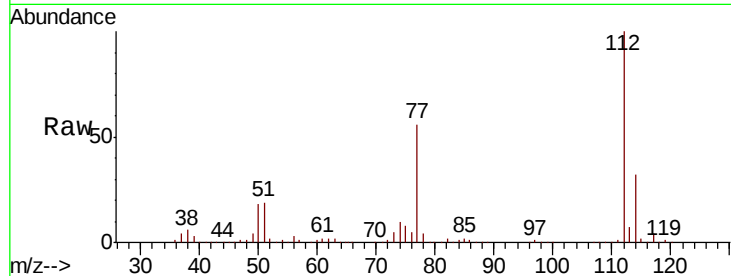




#65
Chlorobenzene
Concen: 49.196 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

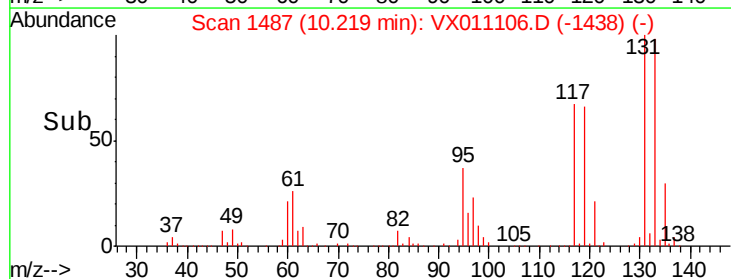
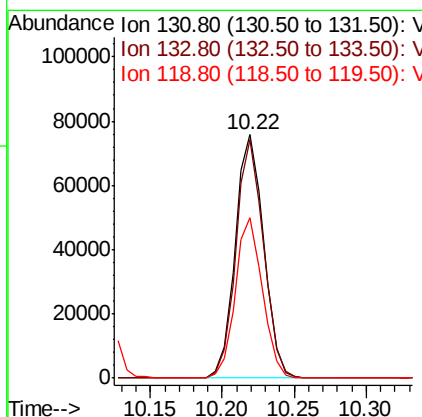
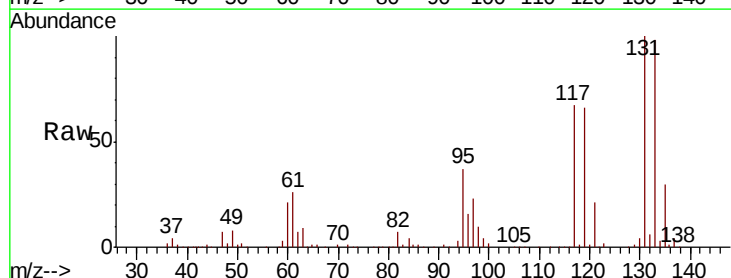
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

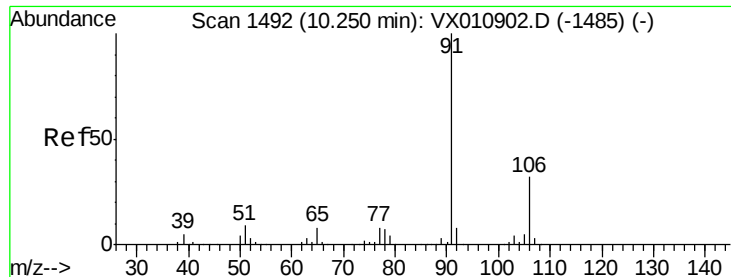
Tot Ion:112 Resp: 276396
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.852 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion:131 Resp: 104358
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 63.2 31.9 95.7

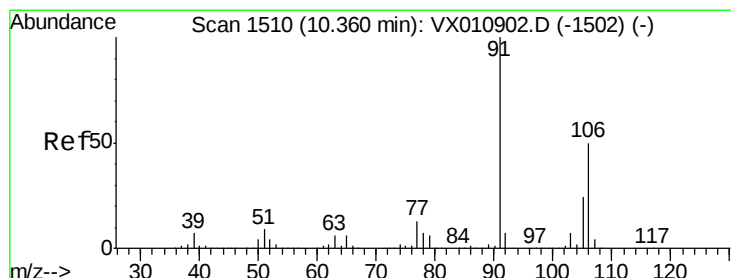
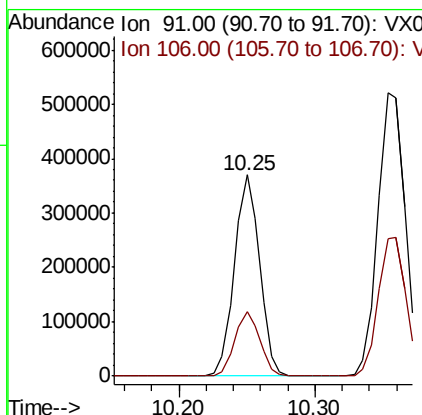
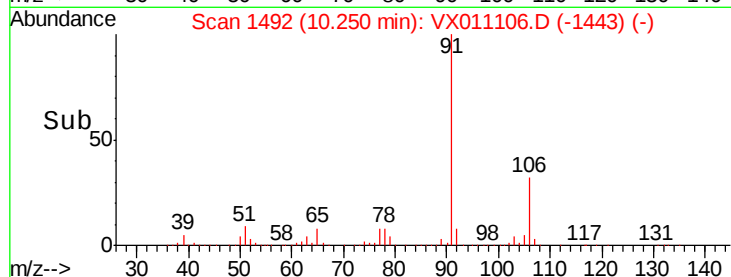
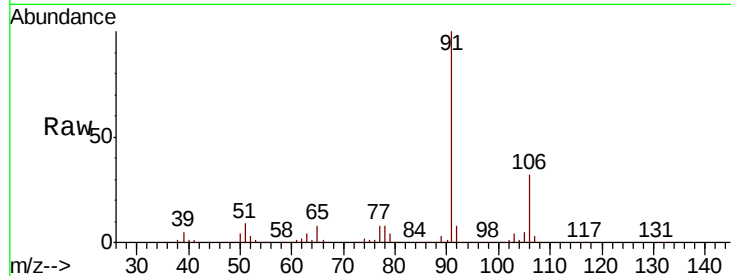




#67
Ethyl Benzene
Concen: 49.758 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

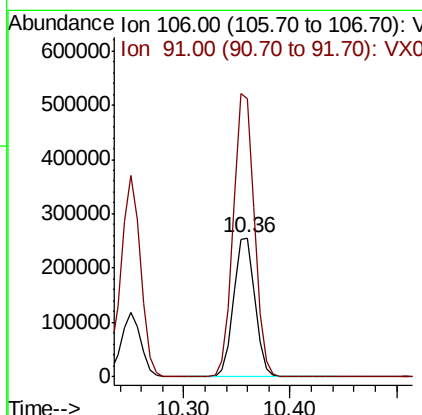
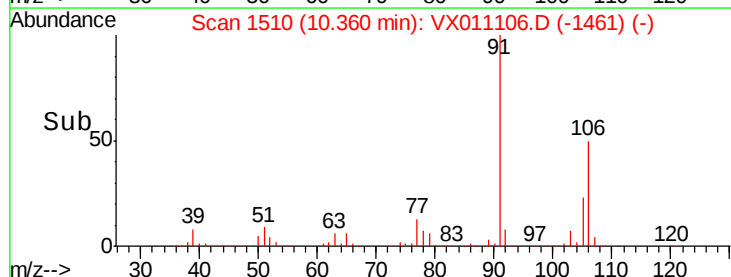
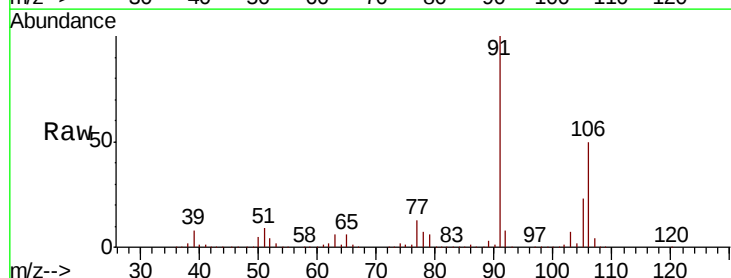
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

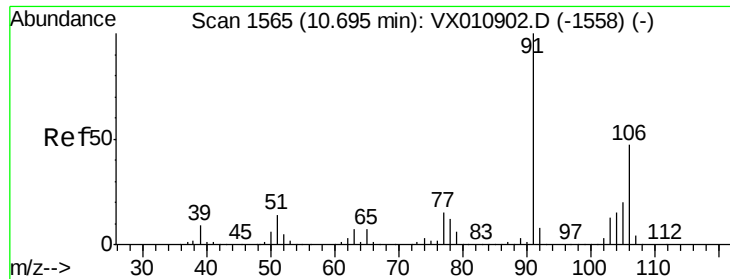
Tot Ion: 91 Resp: 475831
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2



#68
m/p-Xylenes
Concen: 98.713 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 106 Resp: 362102
Ion Ratio Lower Upper
106 100
91 201.0 160.1 240.1

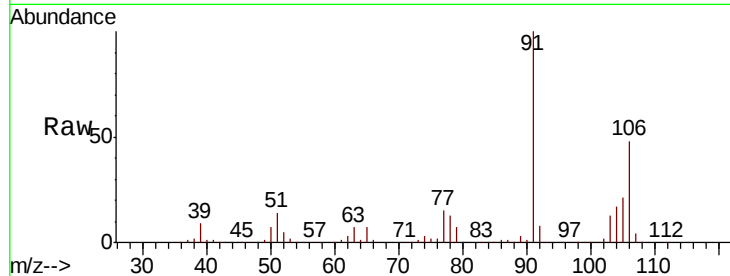




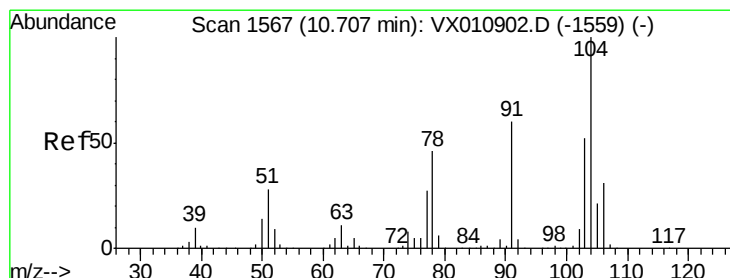
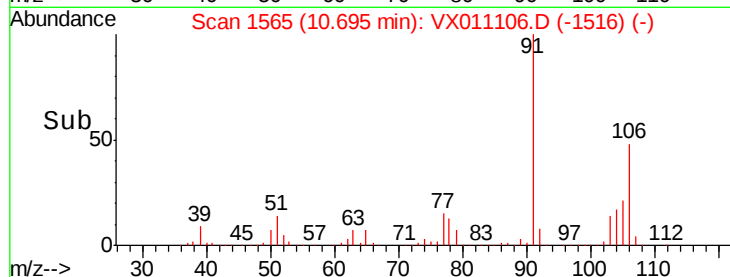
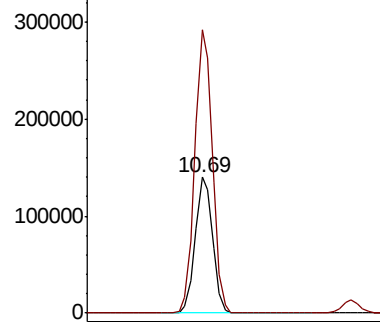
#69
o-Xylene
Concen: 50.069 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 179247
Ion Ratio Lower Upper
106 100
91 210.1 105.1 315.3

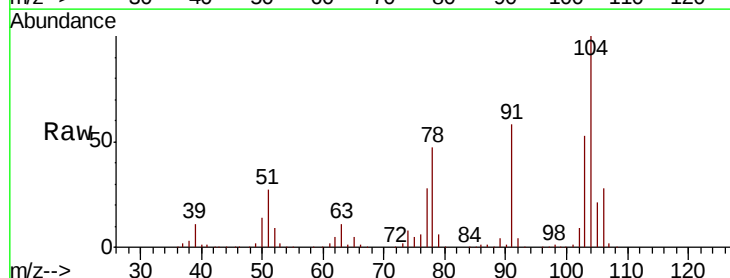


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

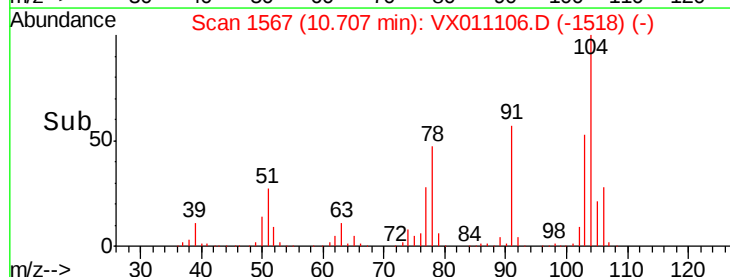
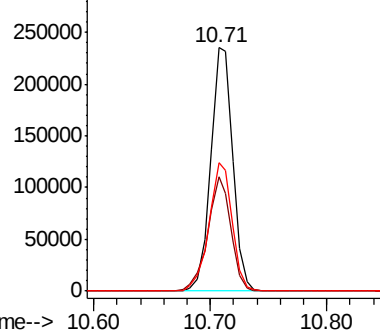


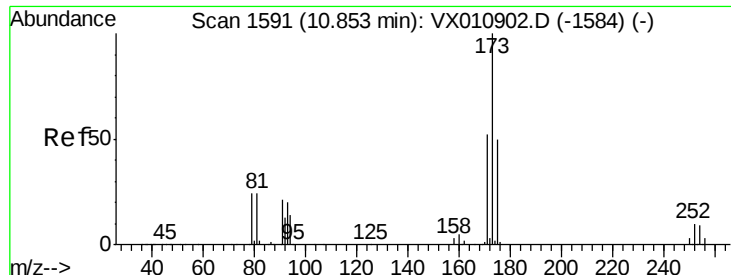
#70
Styrene
Concen: 52.086 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion:104 Resp: 310846
Ion Ratio Lower Upper
104 100
78 49.0 38.8 58.2
103 55.4 44.2 66.4



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





#71

Bromoform

Concen: 47.585 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

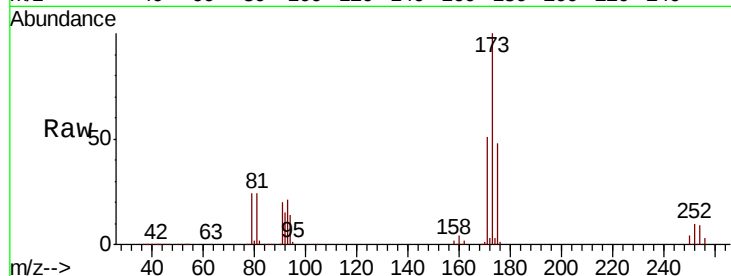
Tot Ion:173 Resp: 85318

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.6

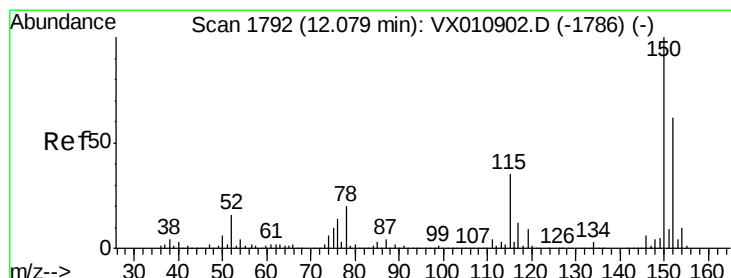
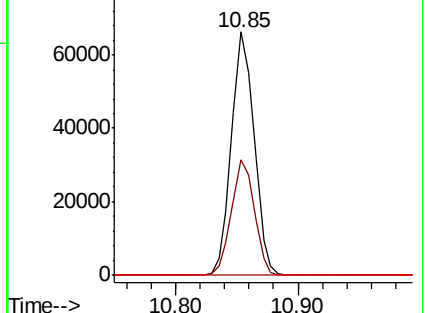
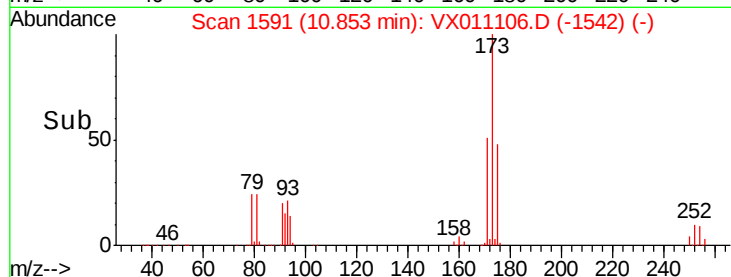
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

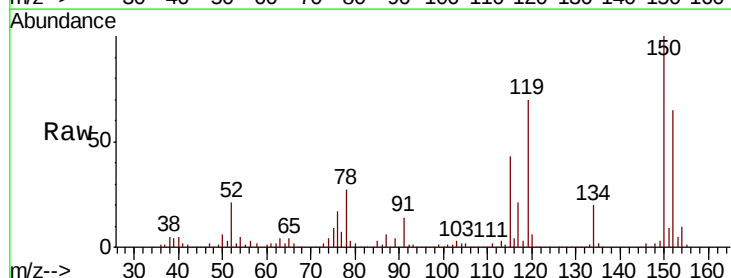
Tgt Ion:152 Resp: 147566

Ion Ratio Lower Upper

152 100

115 79.6 39.7 119.1

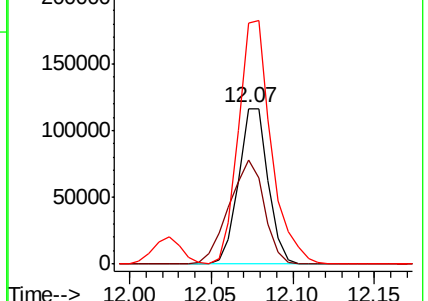
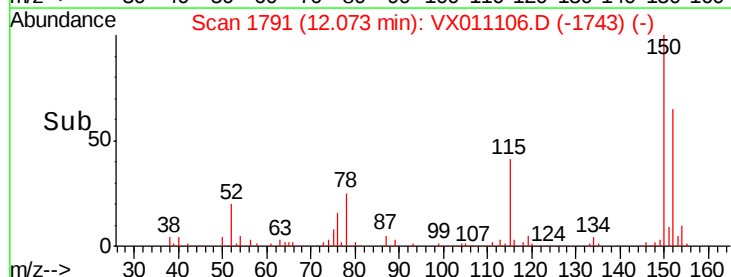
150 172.4 0.0 345.6

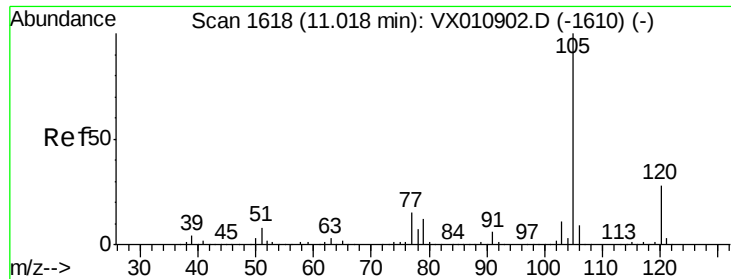


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.976 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

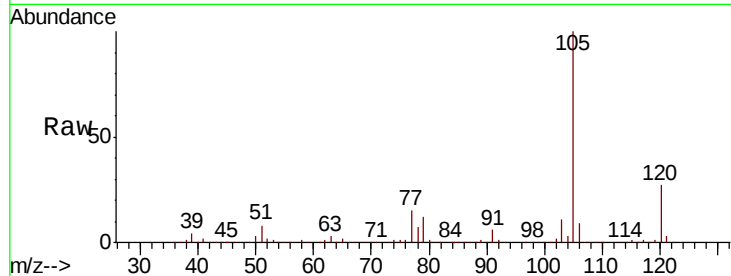
VSTDCCC050EC

Tot Ion:105 Resp: 488339

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

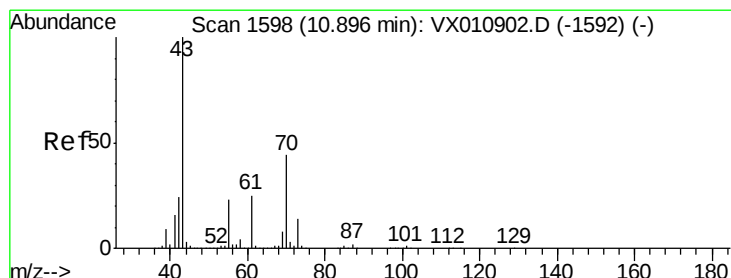
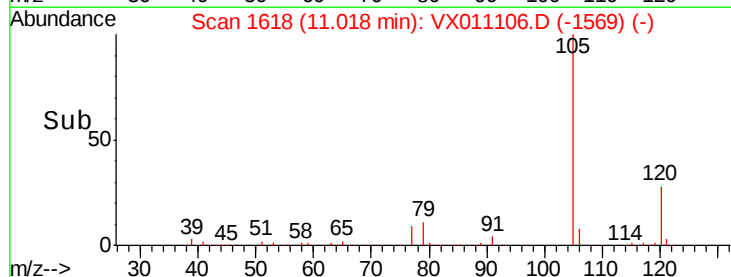
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.769 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Tgt Ion: 43 Resp: 197232

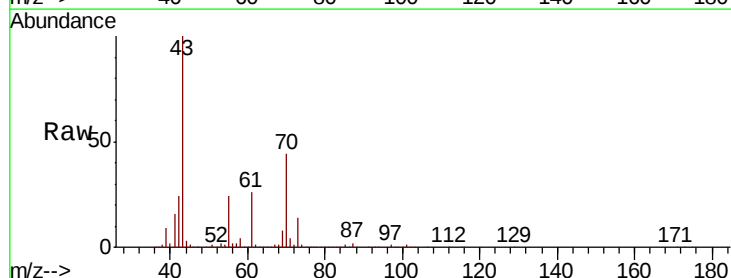
Ion Ratio Lower Upper

43 100

70 43.8 34.7 52.1

55 23.6 19.1 28.7

61 24.9 19.9 29.9



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

250000

200000

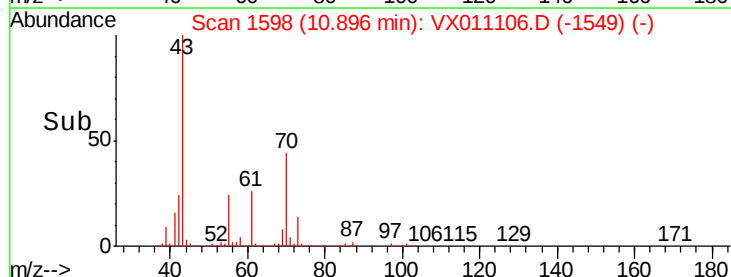
150000

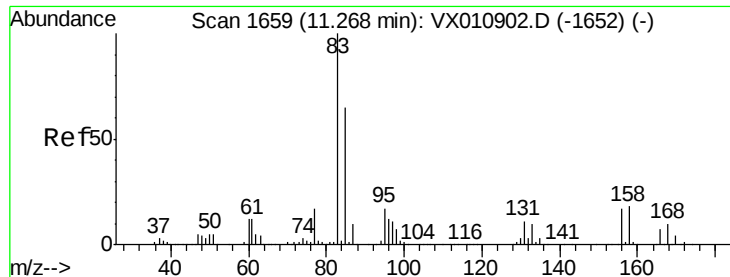
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.521 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

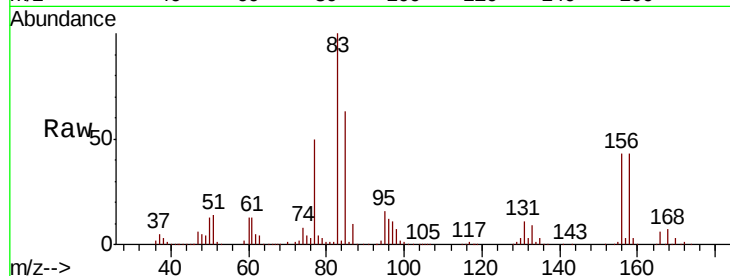
Tot Ion: 83 Resp: 164854

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

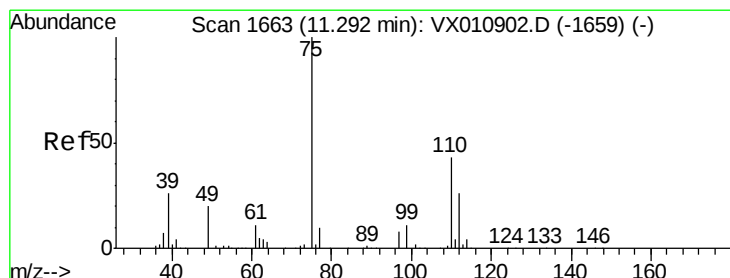
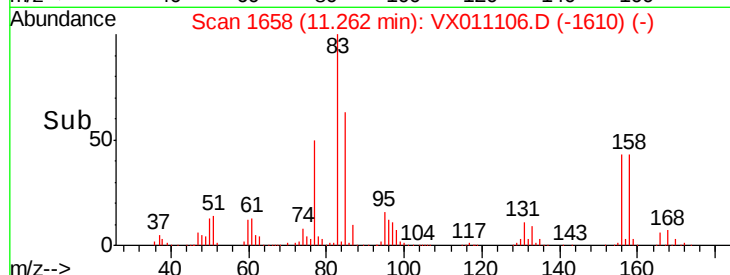
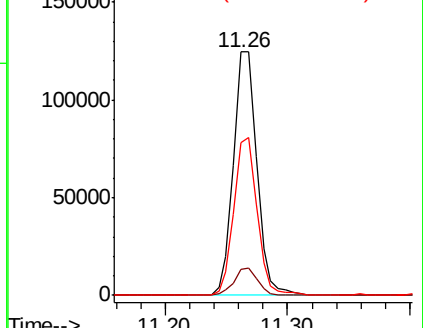
85 64.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX011106.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX011106.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX011106.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 65.907 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011106.D

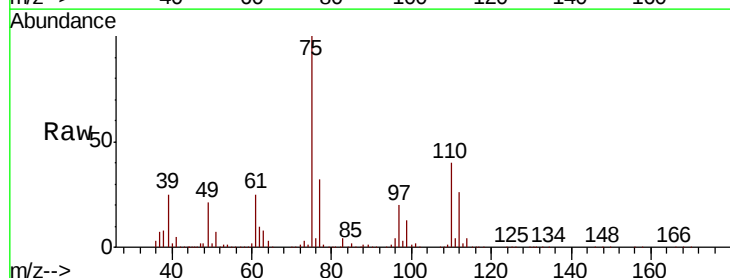
Acq: 26 Jul 2019 21:16

Tgt Ion: 75 Resp: 175504

Ion Ratio Lower Upper

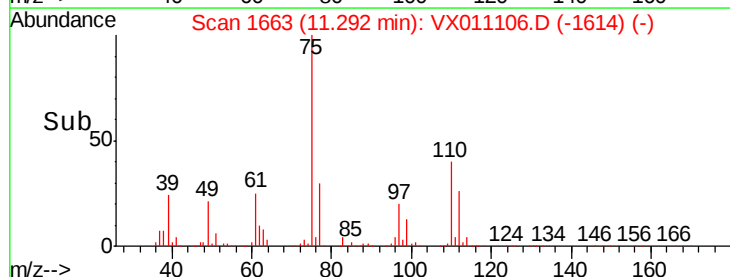
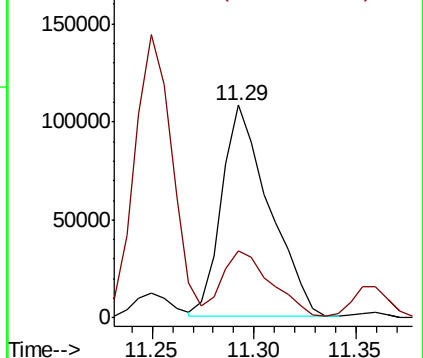
75 100

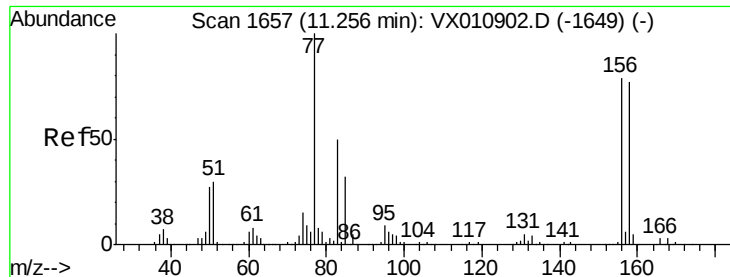
77 32.8 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX011106.D (-1614) (-)

Ion 77.00 (76.70 to 77.70): VX011106.D (-1614) (-)





#77

Bromobenzene

Concen: 47.853 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

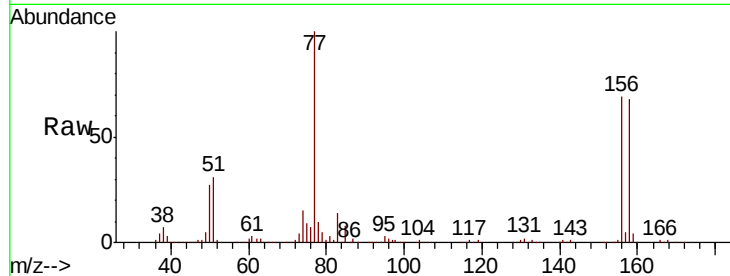
Tot Ion:156 Resp: 131612

Ion Ratio Lower Upper

156 100

77 140.8 68.7 206.1

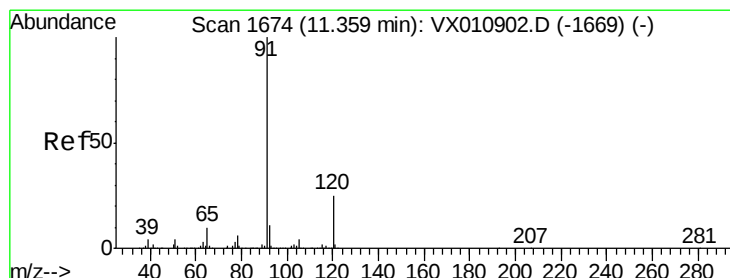
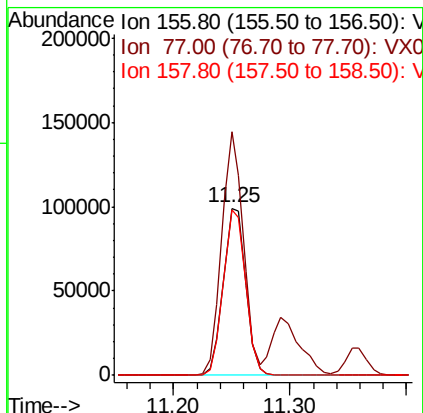
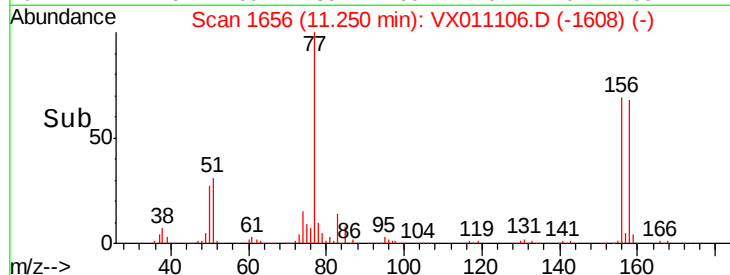
158 98.2 47.9 143.7



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: 49.720 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011106.D

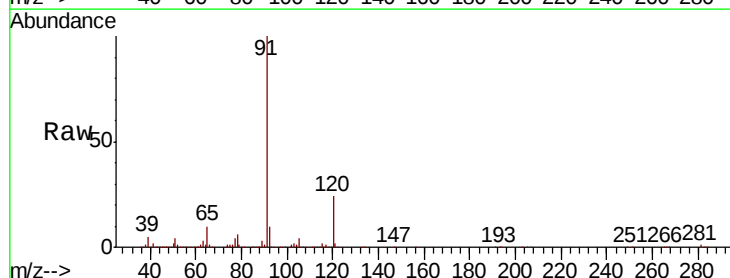
Acq: 26 Jul 2019 21:16

Tgt Ion: 91 Resp: 547769

Ion Ratio Lower Upper

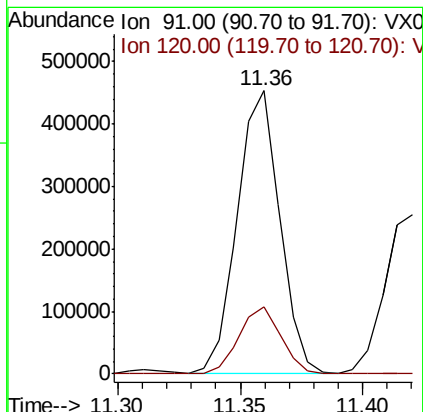
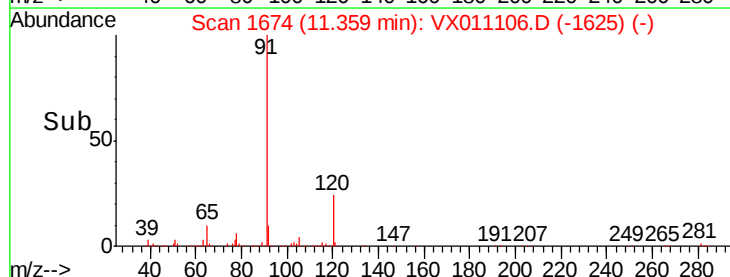
91 100

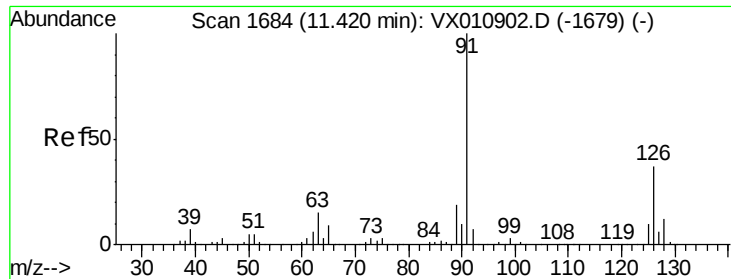
120 23.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

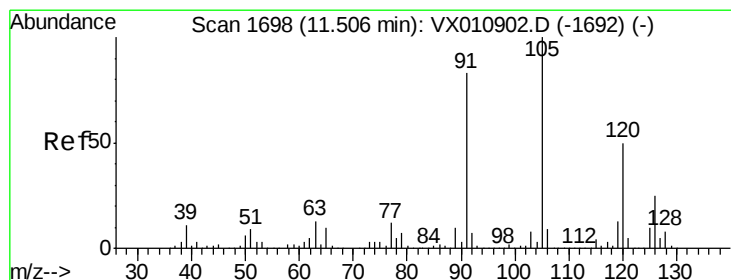
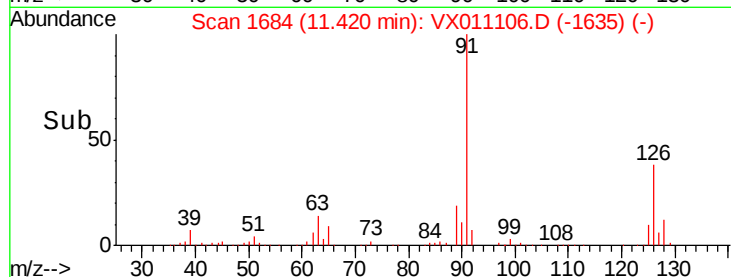
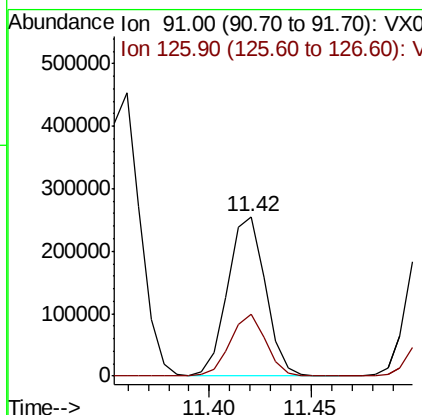
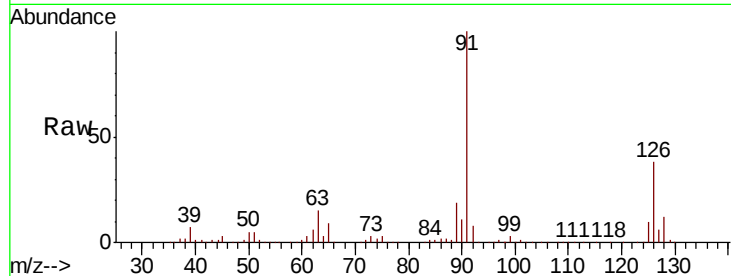




#79
 2-Chlorotoluene
 Concen: 48.987 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

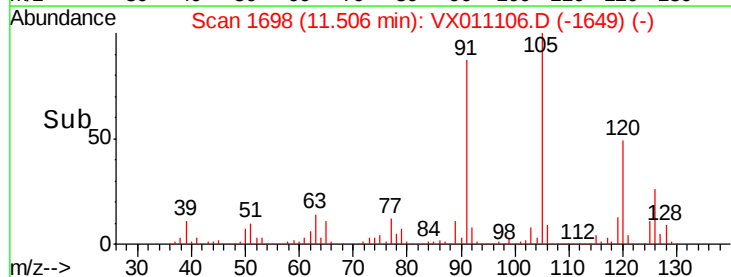
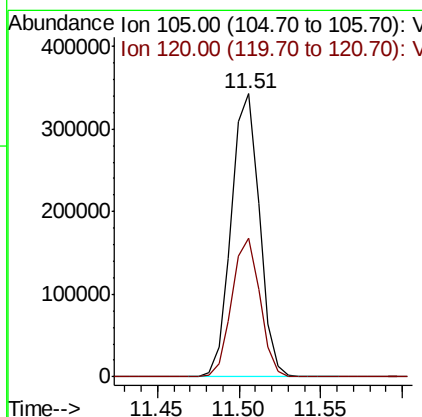
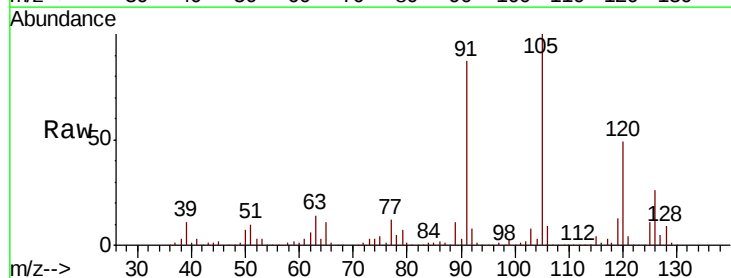
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

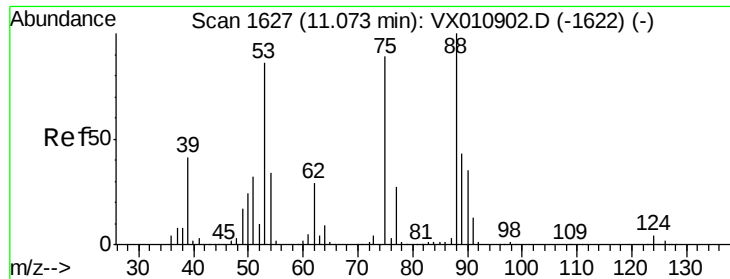
Tot Ion: 91 Resp: 324206
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.490 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion: 105 Resp: 412343
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.929 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

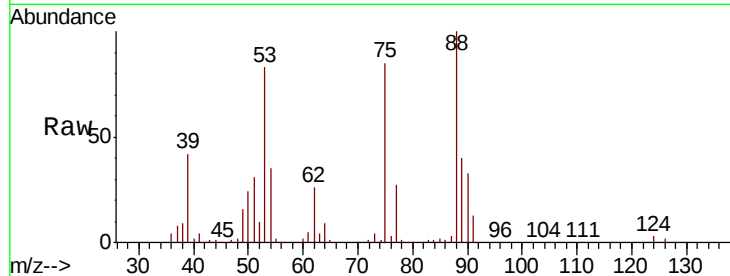
Tot Ion: 75 Resp: 45620

Ion Ratio Lower Upper

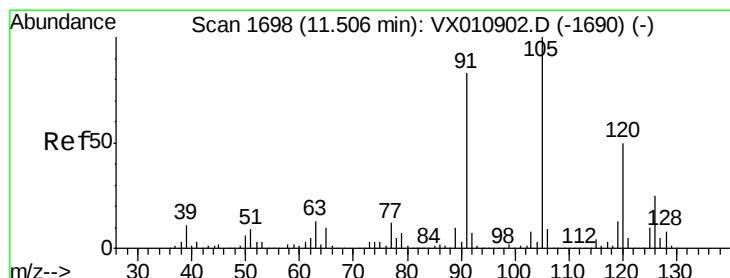
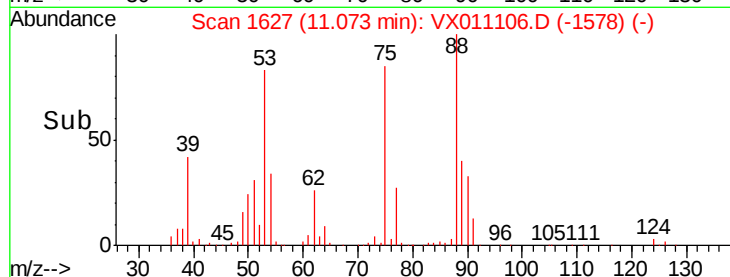
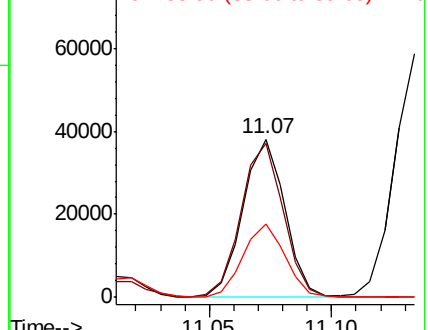
75 100

53 98.1 76.7 115.1

89 47.0 38.5 57.7



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: 49.469 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011106.D

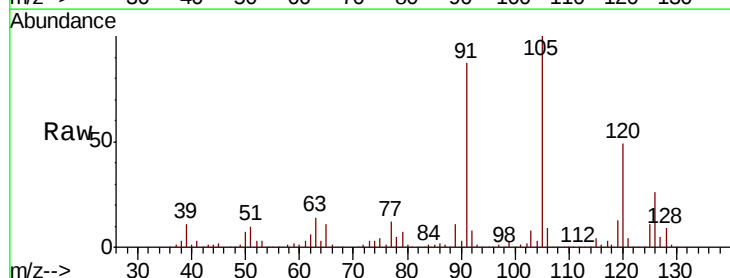
Acq: 26 Jul 2019 21:16

Tgt Ion: 91 Resp: 381057

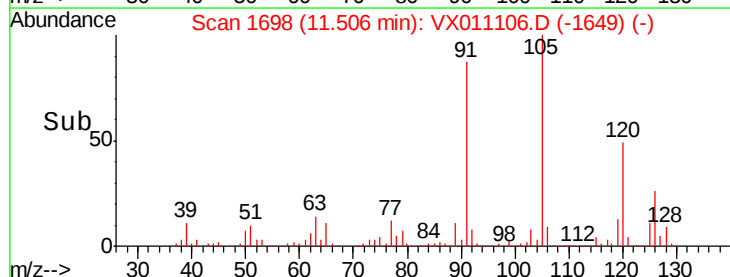
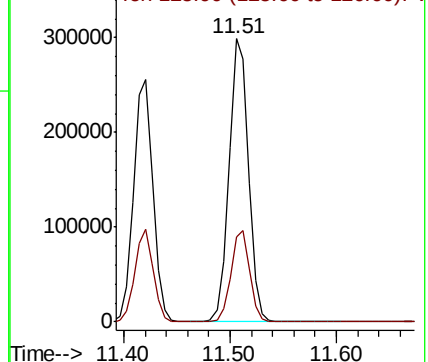
Ion Ratio Lower Upper

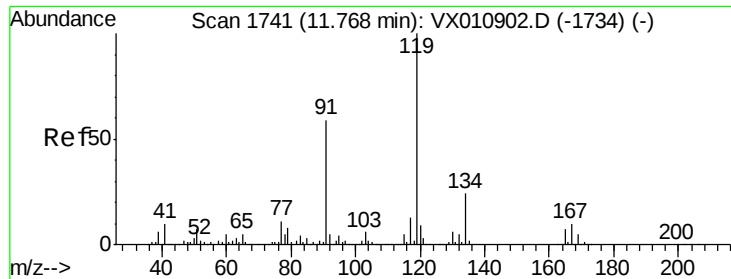
91 100

126 31.3 15.9 47.7



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

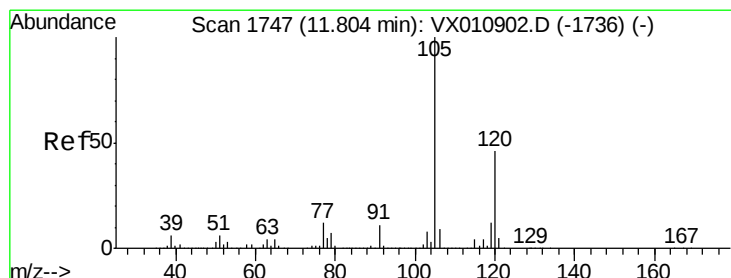
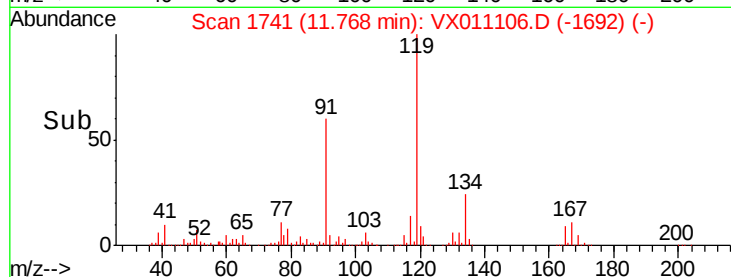
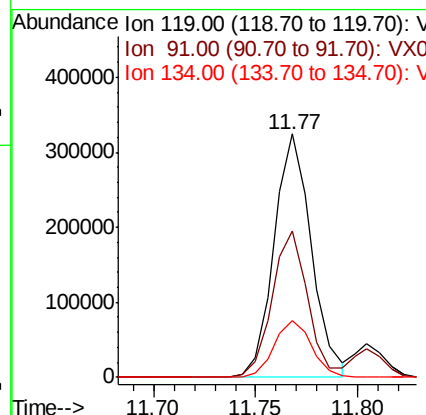
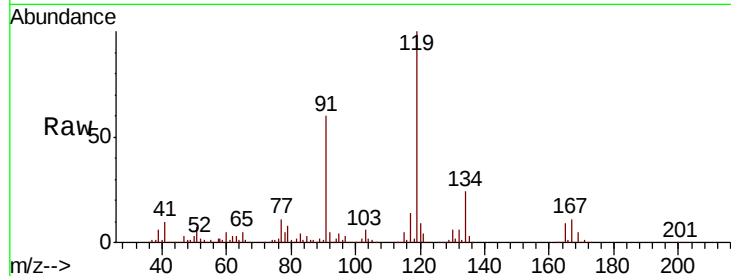




#83
 tert-Butylbenzene
 Concen: 50.617 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

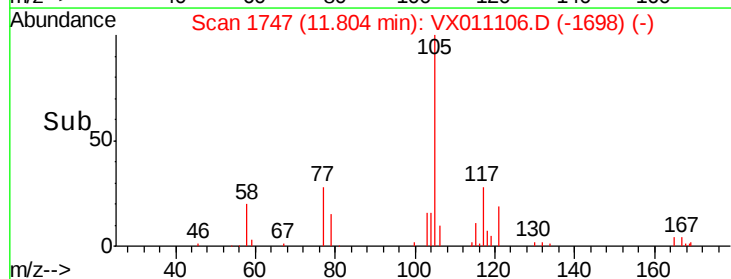
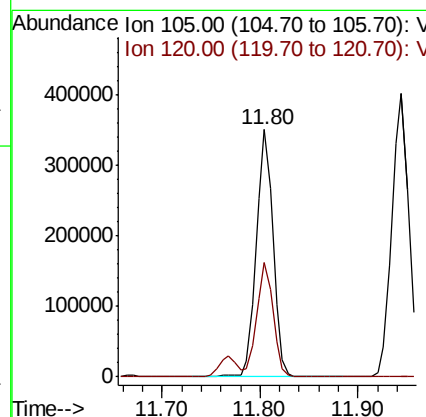
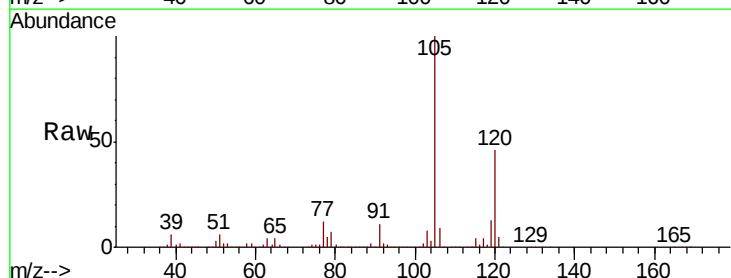
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

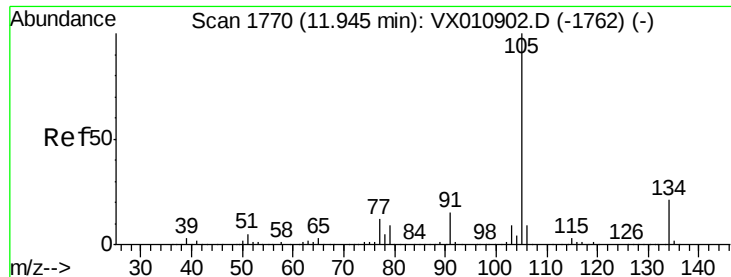
Tot Ion:119 Resp: 414240
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.6 85.8
 134 23.4 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.718 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion:105 Resp: 417512
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.5





#85

sec-Butylbenzene

Concen: 50.426 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

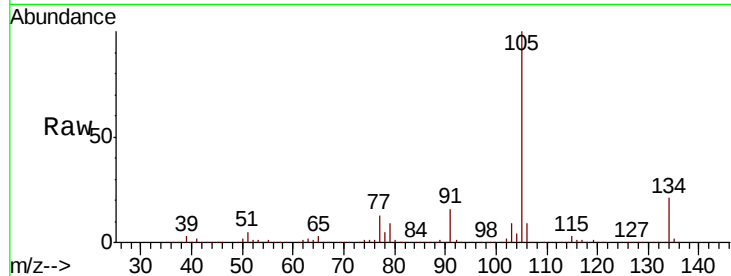
VSTDCCC050EC

Tot Ion:105 Resp: 483558

Ion Ratio Lower Upper

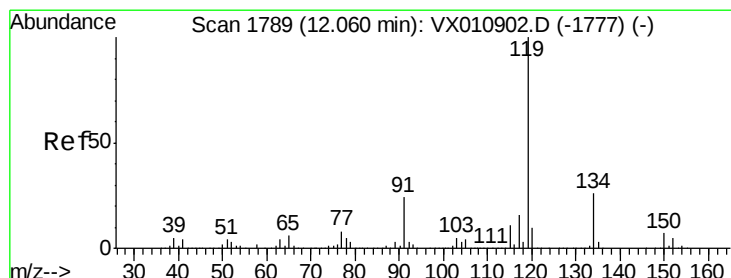
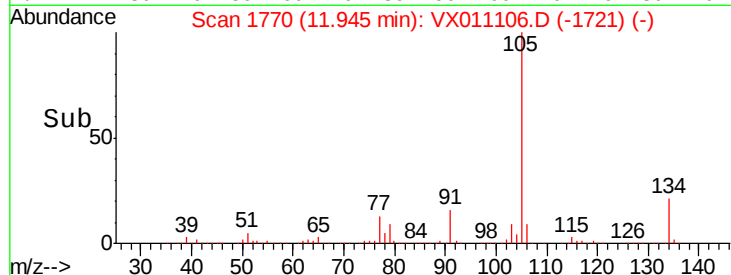
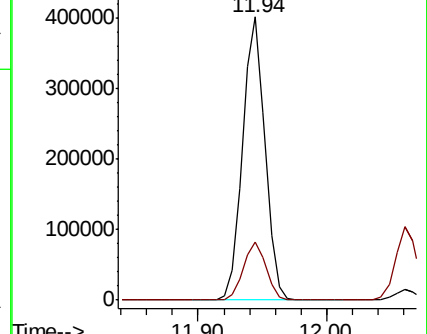
105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.296 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

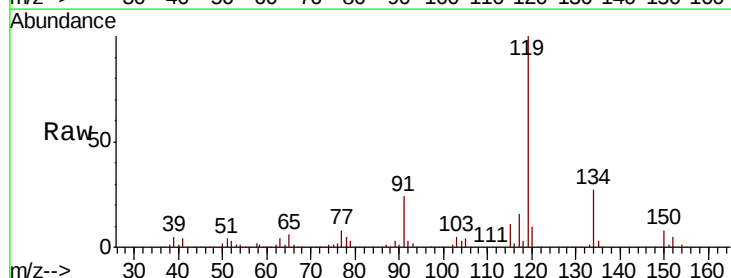
Tgt Ion:119 Resp: 445897

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

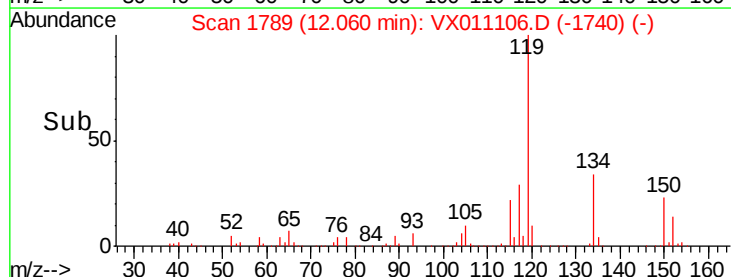
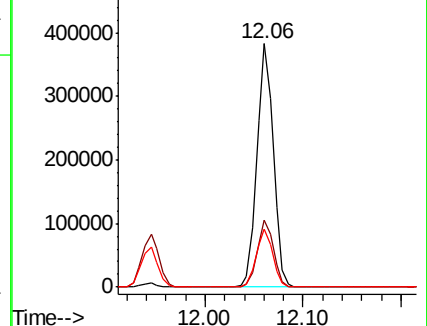
91 23.7 11.8 35.4

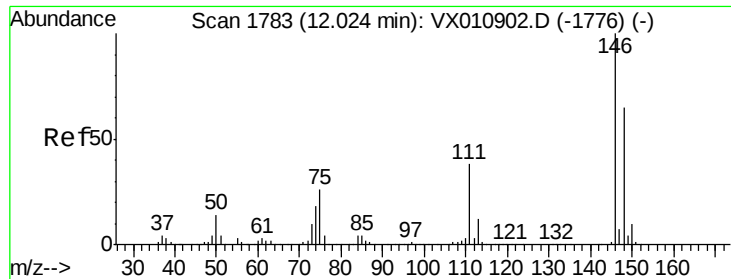


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.139 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

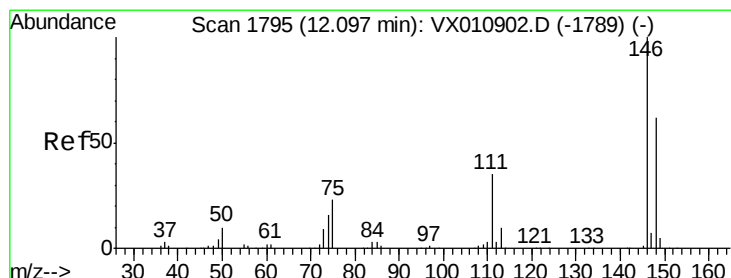
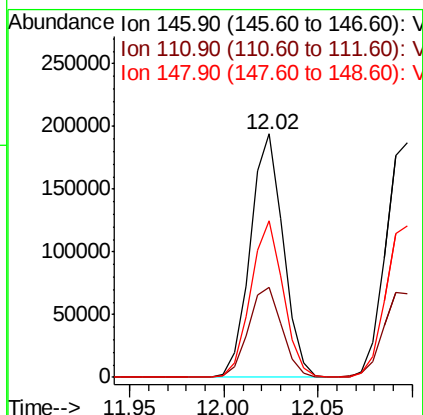
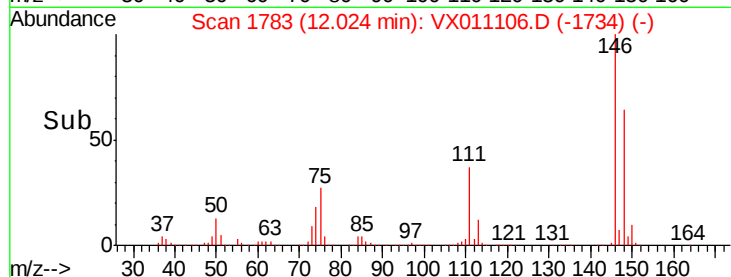
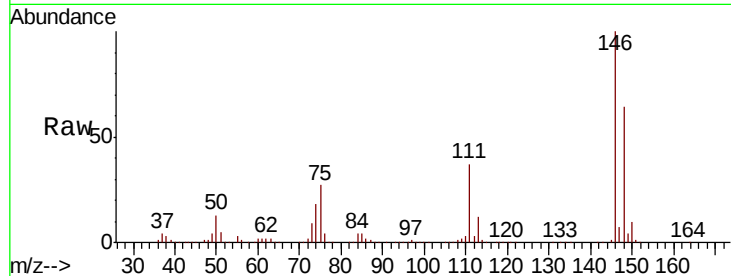
Tot Ion:146 Resp: 234539

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.9

148 63.4 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 47.841 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

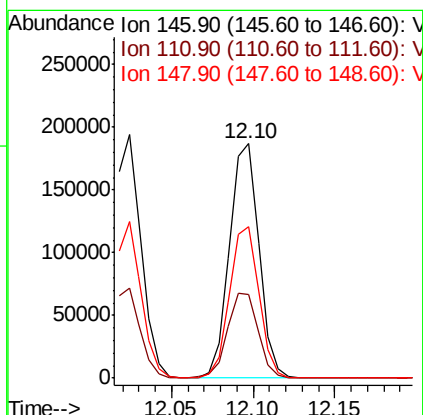
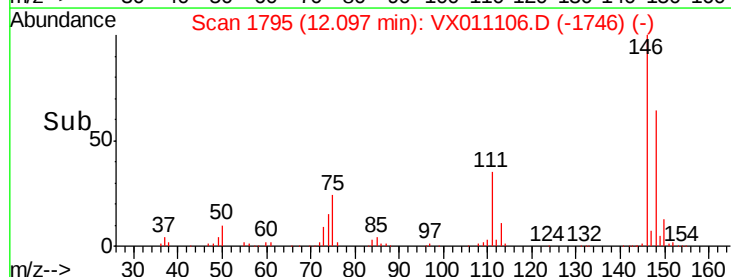
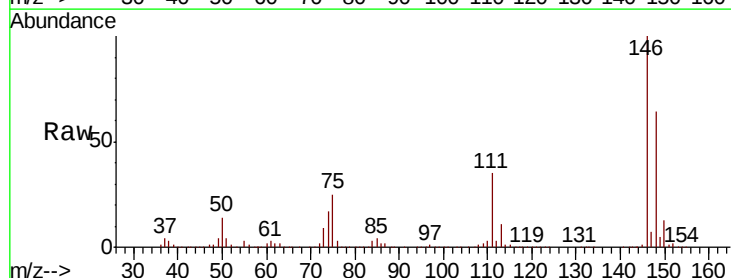
Tgt Ion:146 Resp: 234190

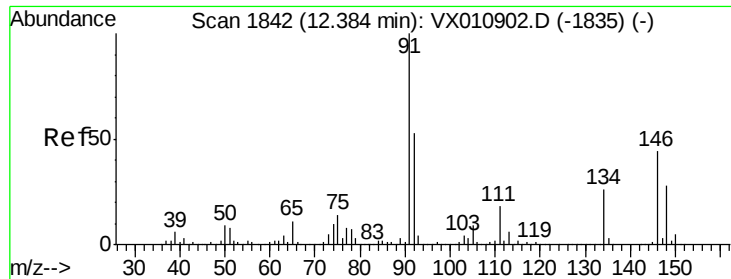
Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

148 64.6 31.6 94.7

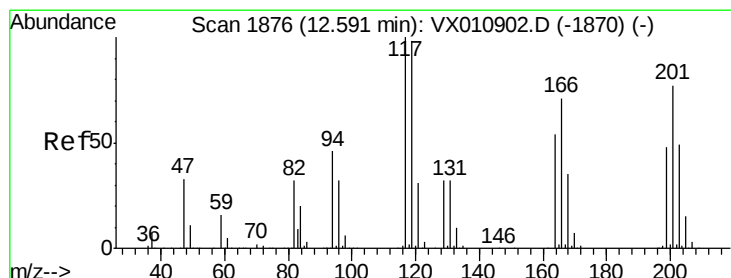
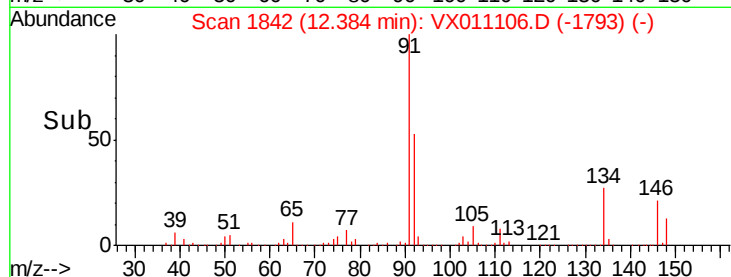
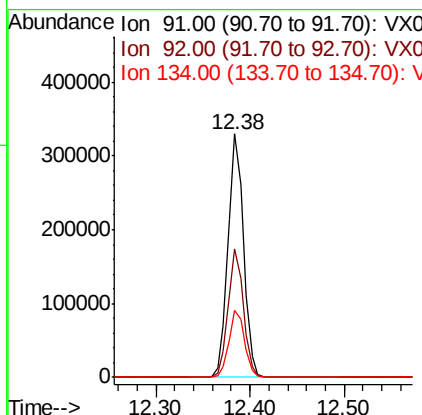
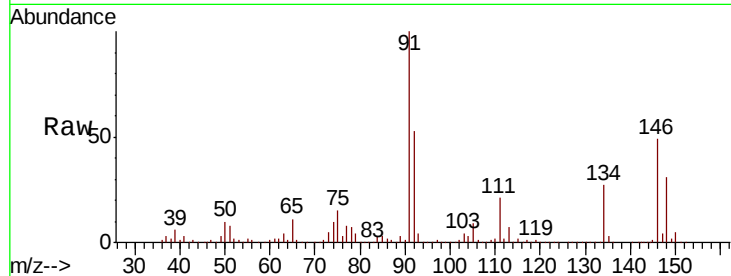




#89
n-Butylbenzene
Concen: 49.987 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

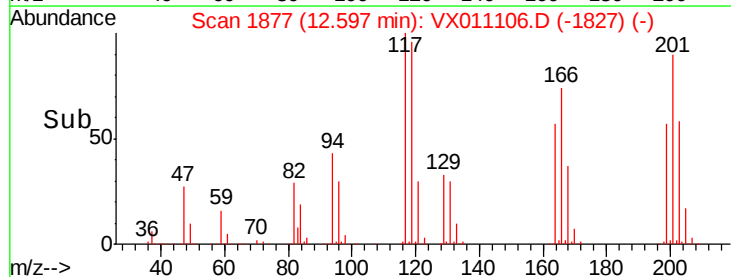
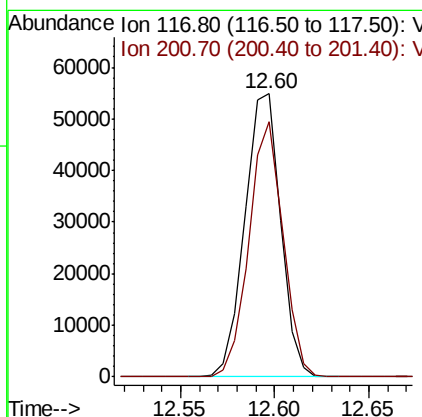
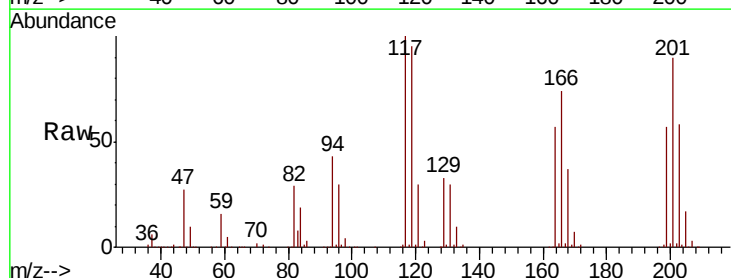
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

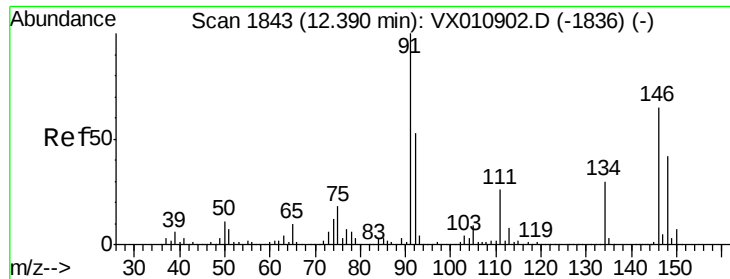
Tot Ion: 91 Resp: 379132
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 27.6 13.8 41.3



#90
Hexachloroethane
Concen: 51.941 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion: 117 Resp: 72629
Ion Ratio Lower Upper
117 100
201 85.4 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 49.745 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

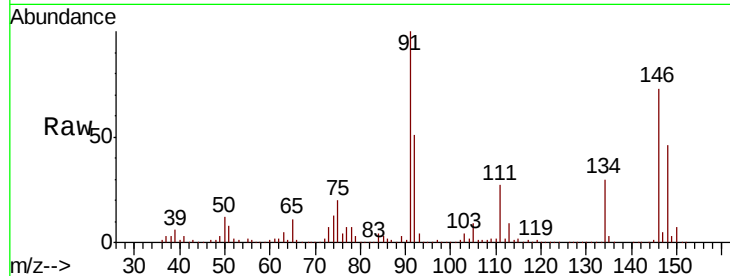
Tot Ion:146 Resp: 235315

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

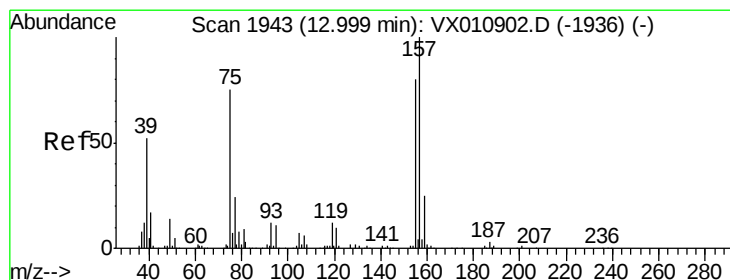
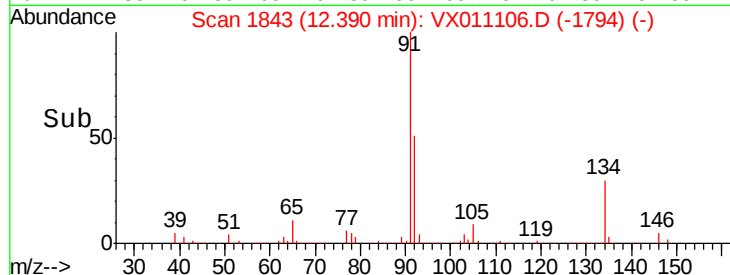
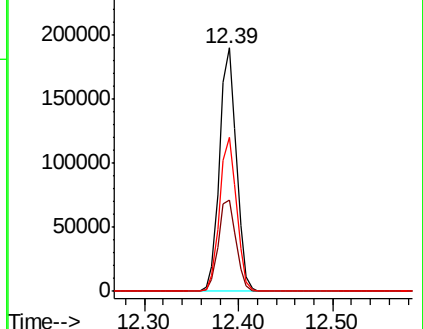
148 63.8 32.0 96.2



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: 52.664 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011106.D

Acq: 26 Jul 2019 21:16

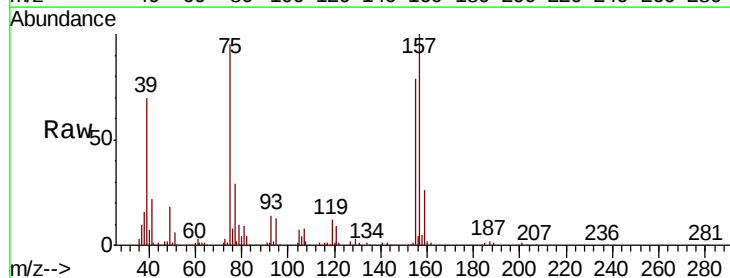
Tgt Ion: 75 Resp: 35921

Ion Ratio Lower Upper

75 100

155 95.9 48.7 146.1

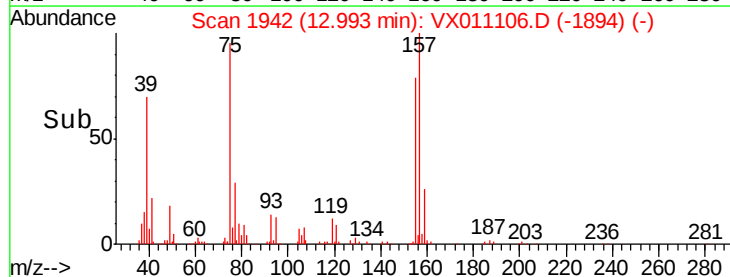
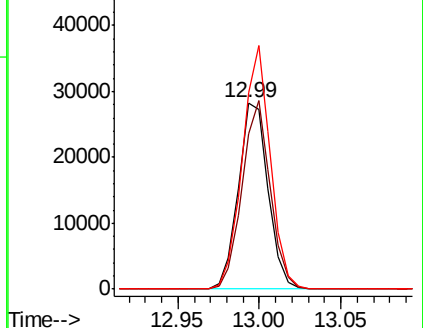
157 122.7 62.5 187.6

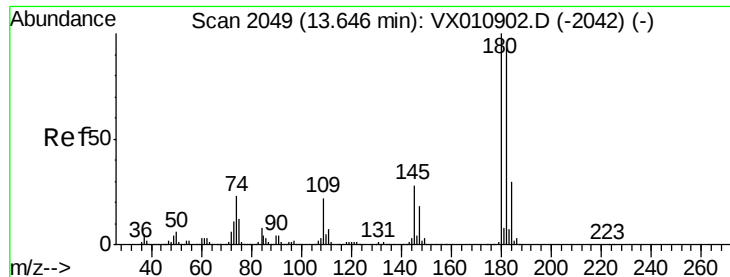


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

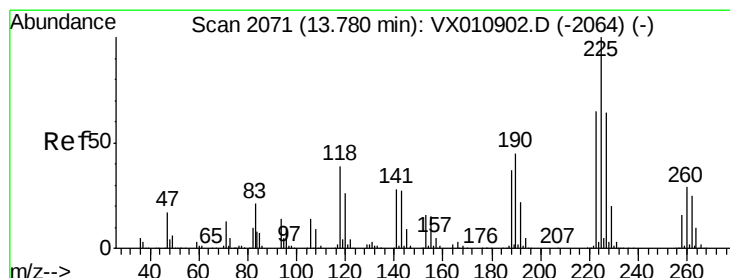
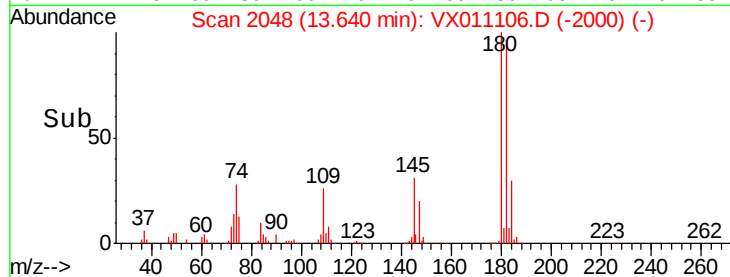
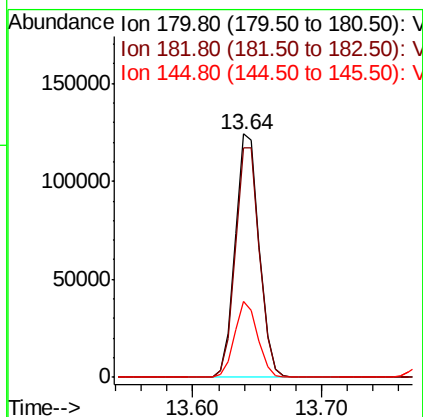
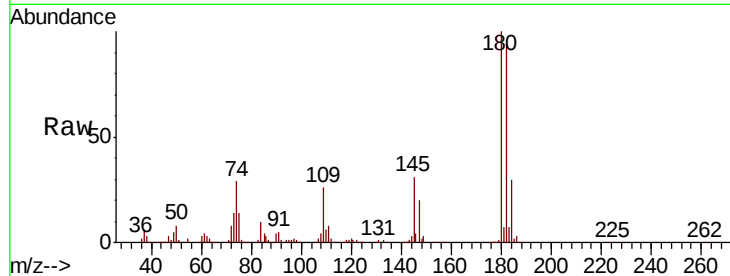




#93
 1,2,4-Trichlorobenzene
 Concen: 50.116 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

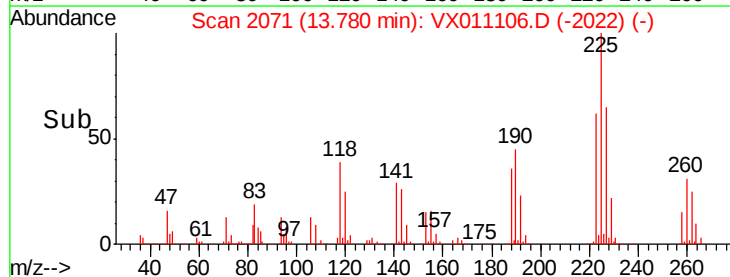
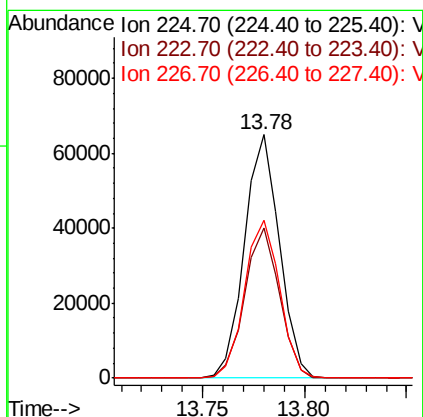
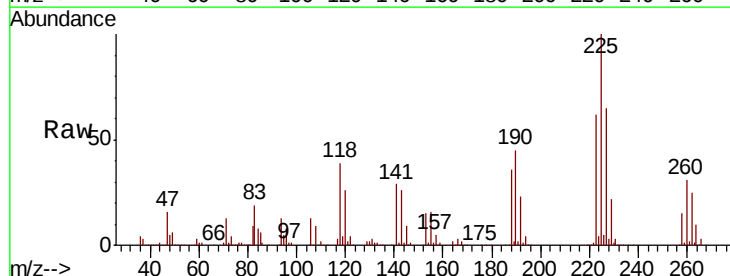
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

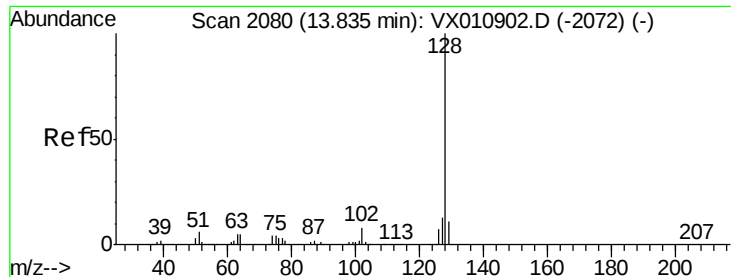
Tot Ion:180 Resp: 160665
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.1 141.3
 145 30.0 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 48.747 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011106.D
 Acq: 26 Jul 2019 21:16

Tgt Ion:225 Resp: 77442
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.9 95.9
 227 65.2 32.5 97.4

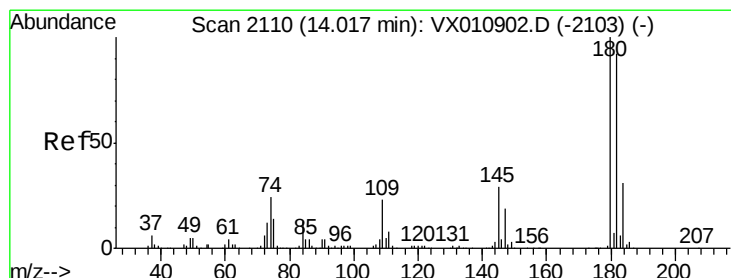
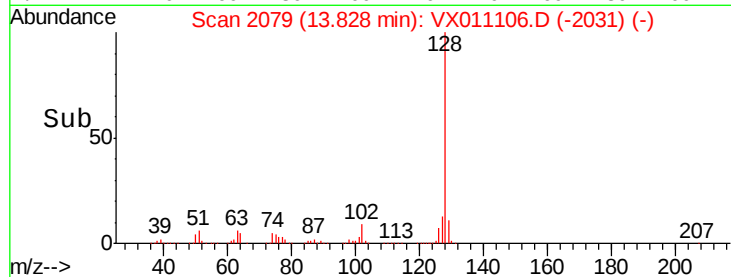
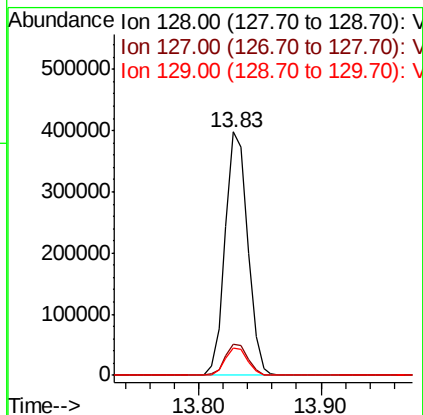
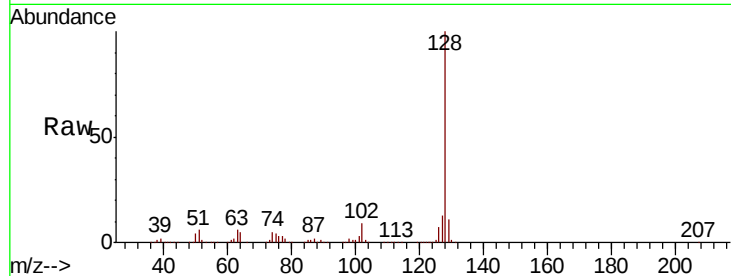




#95
Naphthalene
Concen: 53.585 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 507276
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.218 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011106.D
Acq: 26 Jul 2019 21:16

Tgt Ion:180 Resp: 163373
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.3
145 31.5 15.1 45.3

