

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011522.D
 Acq On : 13 Aug 2019 07:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 13 07:51:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	236605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116428	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	93325	60.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.06%	
35) Dibromofluoromethane	5.49	113	81081	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	8.71	98	297635	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.13	95	112761	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	53378	45.140	ug/l 98
3) Chloromethane	1.32	50	57424	43.244	ug/l 98
4) Vinyl Chloride	1.40	62	62301	42.652	ug/l 98
5) Bromomethane	1.63	94	43416	41.676	ug/l 98
6) Chloroethane	1.71	64	42497	46.828	ug/l 97
7) Trichlorofluoromethane	1.92	101	114342	44.025	ug/l 100
8) Diethyl Ether	2.18	74	40409	43.573	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63977	45.526	ug/l 98
10) Methyl Iodide	2.50	142	82805	46.737	ug/l 97
11) Tert butyl alcohol	3.04	59	82984	269.901	ug/l 100
12) 1,1-Dichloroethene	2.36	96	64095	46.011	ug/l 86
13) Acrolein	2.29	56	40732	213.113	ug/l 97
14) Allyl chloride	2.72	41	94208	50.729	ug/l 96
15) Acrylonitrile	3.14	53	197389	269.032	ug/l 98
16) Acetone	2.43	43	175916	239.702	ug/l 93
17) Carbon Disulfide	2.56	76	134763	41.225	ug/l 100
18) Methyl Acetate	2.77	43	97003	57.838	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	225655	54.969	ug/l 99
20) Methylene Chloride	2.85	84	75587	47.028	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	68260	46.323	ug/l 94
22) Diisopropyl ether	3.85	45	214632	52.586	ug/l 98
23) Vinyl Acetate	3.81	43	919916	271.741	ug/l 98
24) 1,1-Dichloroethane	3.69	63	125357	52.086	ug/l 99
25) 2-Butanone	4.67	43	278184	266.468	ug/l 97
26) 2,2-Dichloropropane	4.57	77	57612	30.794	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	83303	49.080	ug/l 98
28) Bromochloromethane	5.01	49	60395	55.045	ug/l 96
29) Tetrahydrofuran	5.12	42	173080	270.392	ug/l 99
30) Chloroform	5.20	83	139402	53.293	ug/l 96
31) Cyclohexane	5.57	56	93061	46.868	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	120965	53.983	ug/l 98
36) 1,1-Dichloropropene	5.79	75	93347	45.187	ug/l 98
37) Ethyl Acetate	4.82	43	103344	49.873	ug/l 100
38) Carbon Tetrachloride	5.78	117	105519	50.771	ug/l 93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97972	40.011	ug/l	98
40) Benzene	6.13	78	296193	48.049	ug/l	98
41) Methacrylonitrile	5.04	41	59802	52.845	ug/l	97
42) 1,2-Dichloroethane	6.19	62	112894	54.159	ug/l	97
43) Isopropyl Acetate	6.44	43	168658	50.910	ug/l	99
44) Trichloroethene	7.21	130	83905	44.968	ug/l	93
45) 1,2-Dichloropropane	7.51	63	74798	46.852	ug/l	95
46) Dibromomethane	7.66	93	55584	47.693	ug/l	97
47) Bromodichloromethane	7.90	83	104072	52.742	ug/l	97
48) Methyl methacrylate	7.76	41	84305	54.074	ug/l	96
49) 1,4-Dioxane	7.74	88	41250	912.630	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	569232	266.245	ug/l	99
52) Toluene	8.78	92	195155	47.882	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	99265	43.583	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	108966	47.275	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	83418	49.779	ug/l	99
56) Ethyl methacrylate	9.18	69	124315	52.057	ug/l	96
57) 1,3-Dichloropropane	9.37	76	131773	49.722	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	297786	253.610	ug/l	99
59) 2-Hexanone	9.49	43	435318	262.871	ug/l	99
60) Dibromochloromethane	9.58	129	90534	52.769	ug/l	98
61) 1,2-Dibromoethane	9.67	107	88382	48.816	ug/l	100
64) Tetrachloroethene	9.34	164	85775	45.632	ug/l	97
65) Chlorobenzene	10.13	112	219072	46.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83835	51.598	ug/l	99
67) Ethyl Benzene	10.25	91	385072	48.448	ug/l	98
68) m/p-Xylenes	10.35	106	288712	93.911	ug/l	95
69) o-Xylene	10.69	106	142344	47.124	ug/l	96
70) Styrene	10.71	104	247818	49.583	ug/l	98
71) Bromoform	10.85	173	66952	46.309	ug/l #	99
73) Isopropylbenzene	11.02	105	389990	48.976	ug/l	99
74) N-amyl acetate	10.90	43	151789	52.755	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	129185	48.683	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	135855	64.074	ug/l	84
77) Bromobenzene	11.26	156	105924	47.972	ug/l	96
78) n-propylbenzene	11.36	91	422591	47.722	ug/l	99
79) 2-Chlorotoluene	11.42	91	258459	48.969	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	324166	48.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29844	38.709	ug/l	93
82) 4-Chlorotoluene	11.51	91	298304	48.496	ug/l	98
83) tert-Butylbenzene	11.77	119	319056	48.803	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	326298	49.166	ug/l	100
85) sec-Butylbenzene	11.94	105	373063	47.496	ug/l	100
86) p-Isopropyltoluene	12.06	119	344121	47.622	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180382	46.235	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	180825	44.948	ug/l	97
89) n-Butylbenzene	12.38	91	278898	44.800	ug/l	100
90) Hexachloroethane	12.59	117	52719	49.348	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	184004	46.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28012	54.486	ug/l	93

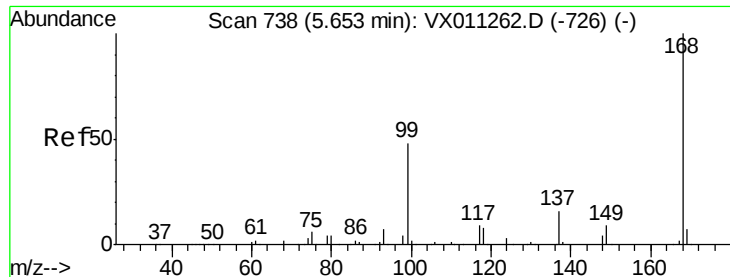
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118967	45.762	ug/l	99
94) Hexachlorobutadiene	13.78	225	56880	43.124	ug/l	98
95) Naphthalene	13.83	128	392155	51.582	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121565	45.996	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

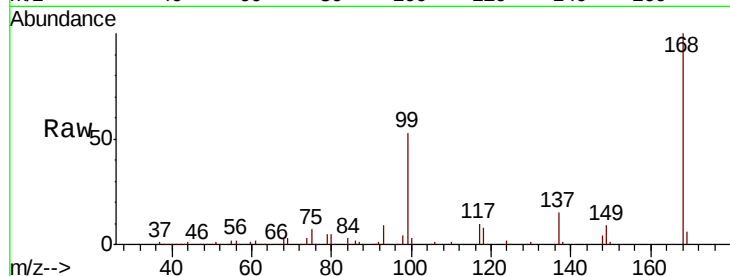
VSTDCCC050EC

Tgt Ion:168 Resp: 153106

Ion Ratio Lower Upper

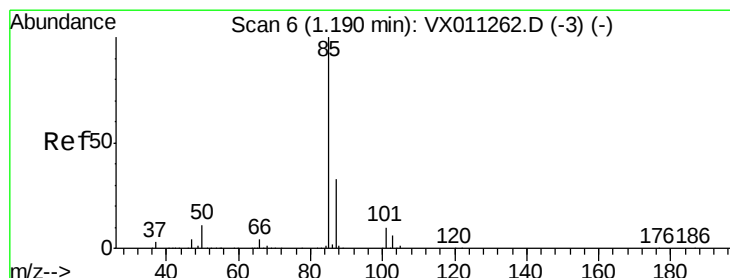
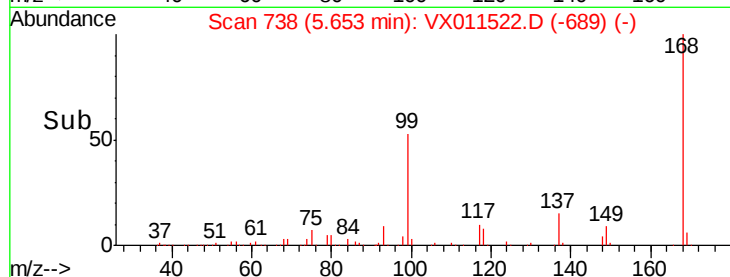
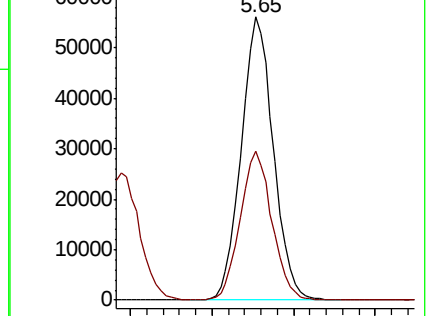
168 100

99 52.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.140 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011522.D

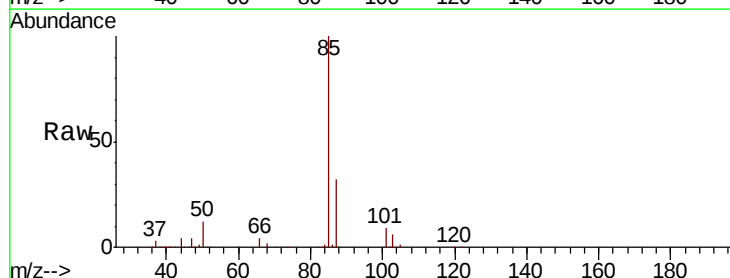
Acq: 13 Aug 2019 07:04

Tgt Ion: 85 Resp: 53378

Ion Ratio Lower Upper

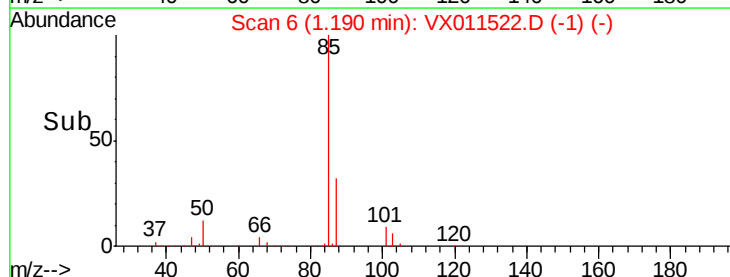
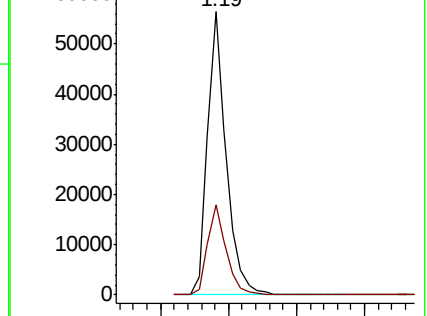
85 100

87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.244 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

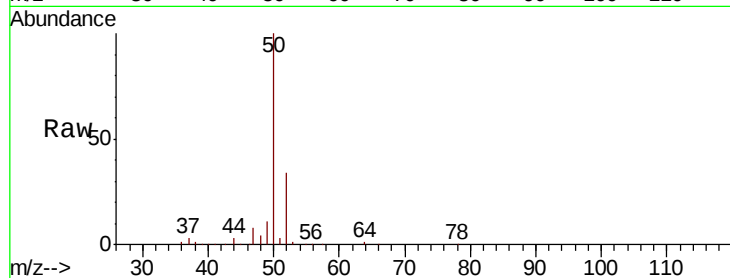
VSTDCCC050EC

Tgt Ion: 50 Resp: 57424

Ion Ratio Lower Upper

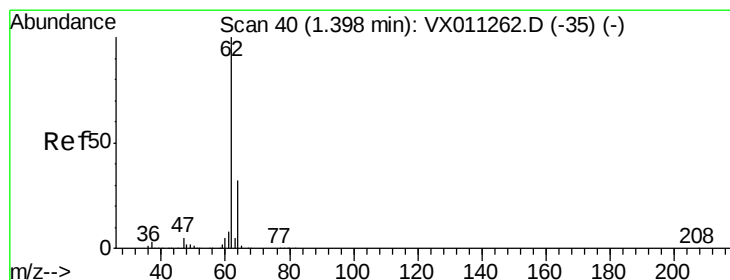
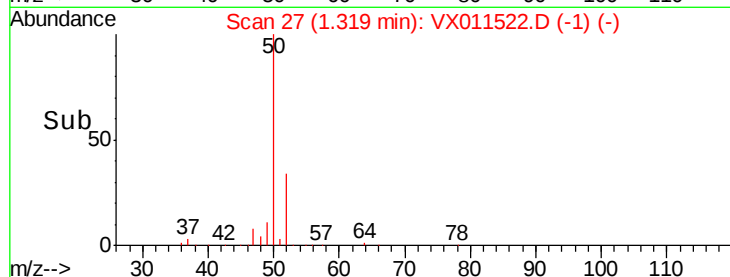
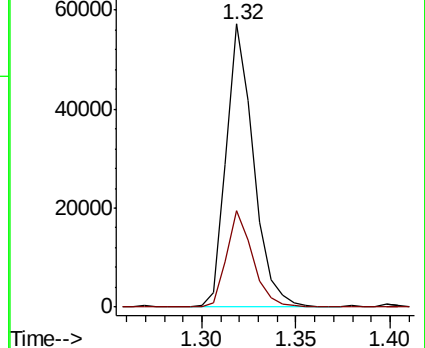
50 100

52 34.0 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: 42.652 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011522.D

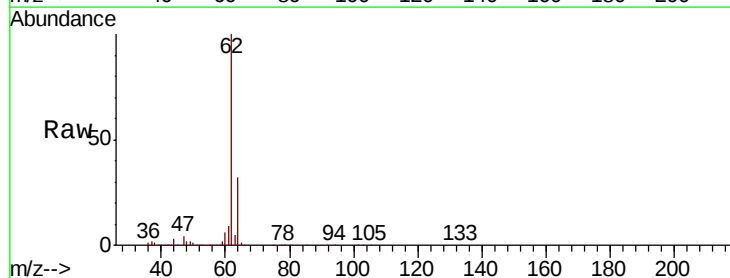
Acq: 13 Aug 2019 07:04

Tgt Ion: 62 Resp: 62301

Ion Ratio Lower Upper

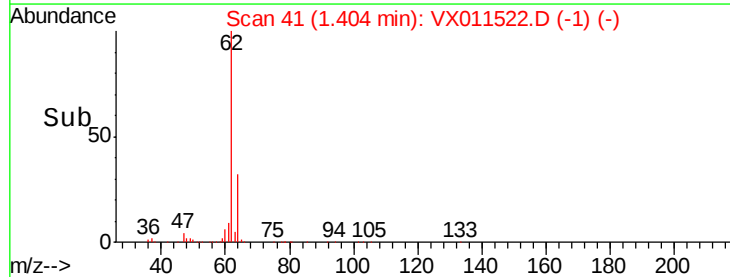
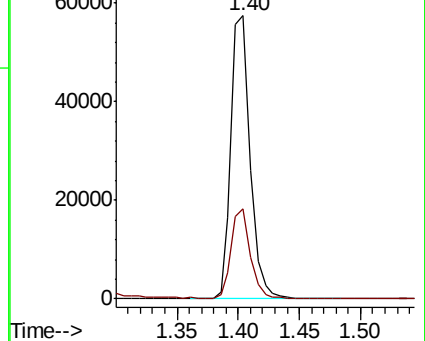
62 100

64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.676 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

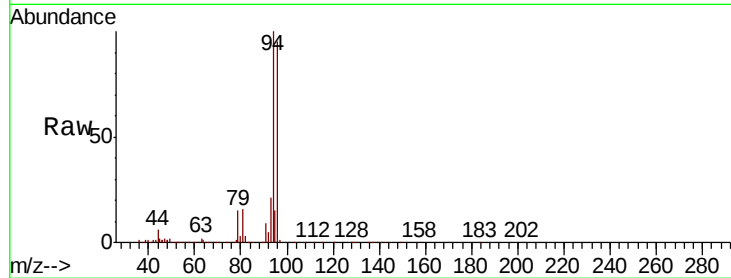
VSTDCCC050EC

Tgt Ion: 94 Resp: 43416

Ion Ratio Lower Upper

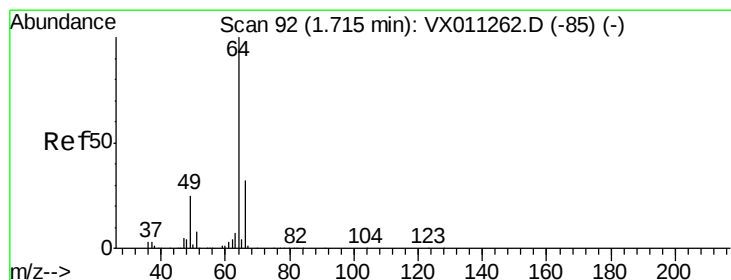
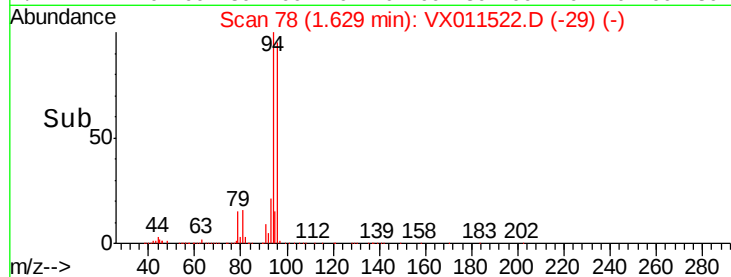
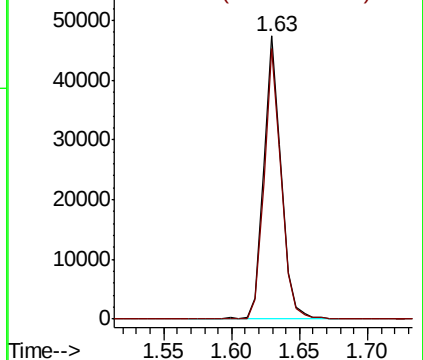
94 100

96 95.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.828 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011522.D

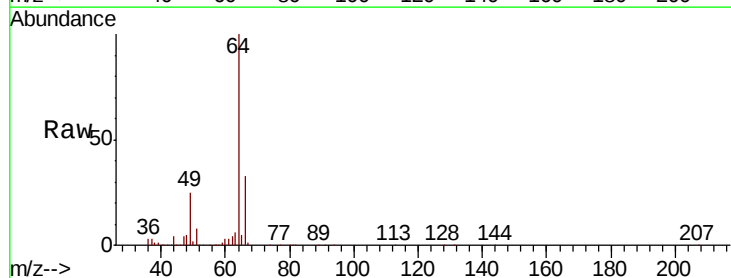
Acq: 13 Aug 2019 07:04

Tgt Ion: 64 Resp: 42497

Ion Ratio Lower Upper

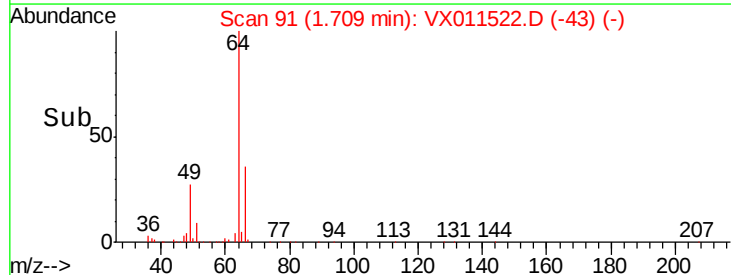
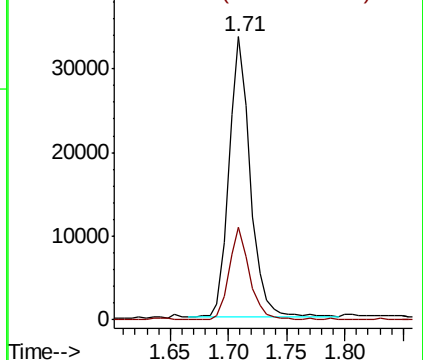
64 100

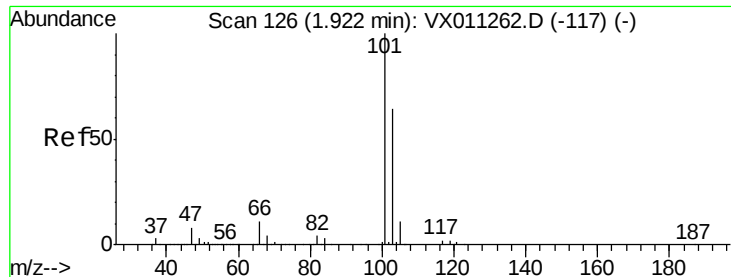
66 32.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



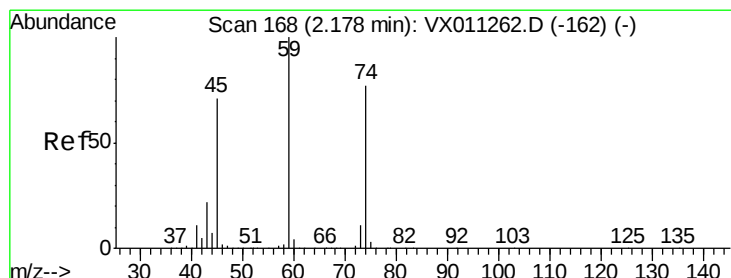
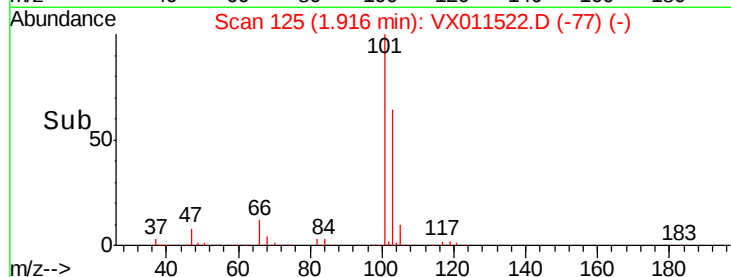
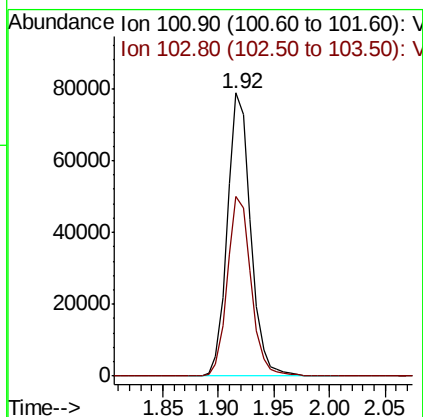
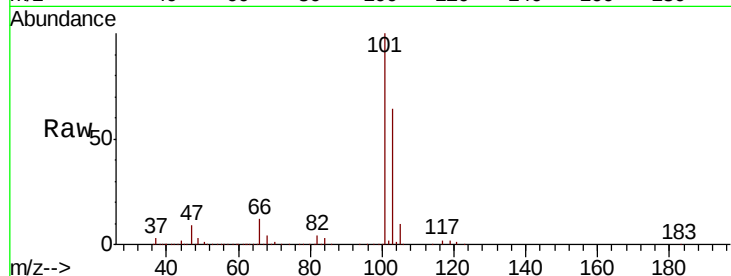


#7

Trichlorofluoromethane
Concen: 44.025 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

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ClientSampleId :
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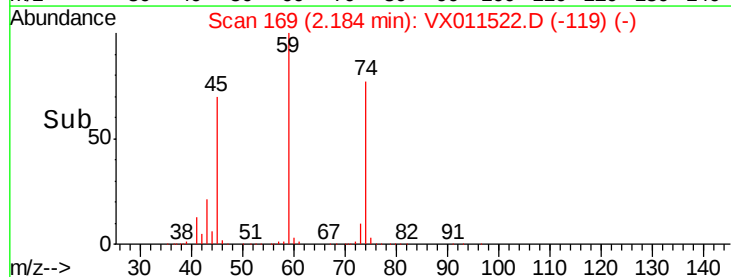
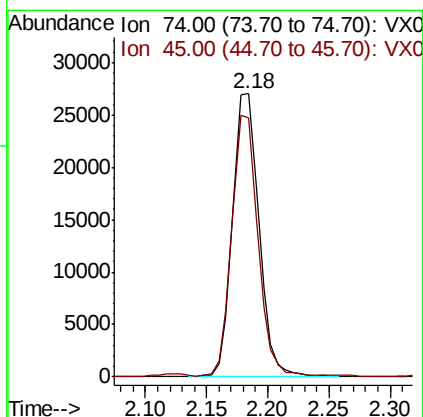
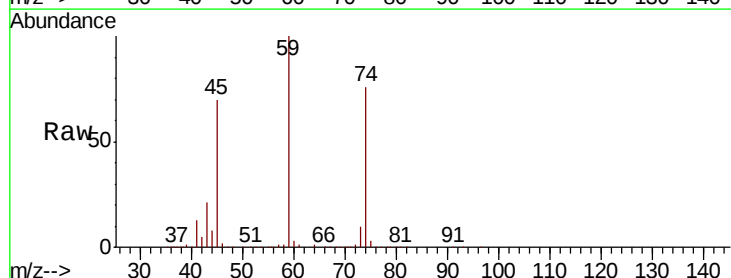
Tgt Ion:101 Resp: 114342
Ion Ratio Lower Upper
101 100
103 63.5 50.9 76.3



#8

Diethyl Ether
Concen: 43.573 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

Tgt Ion: 74 Resp: 40409
Ion Ratio Lower Upper
74 100
45 90.5 46.1 138.3

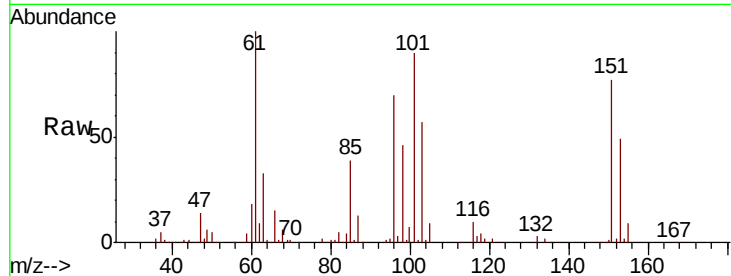




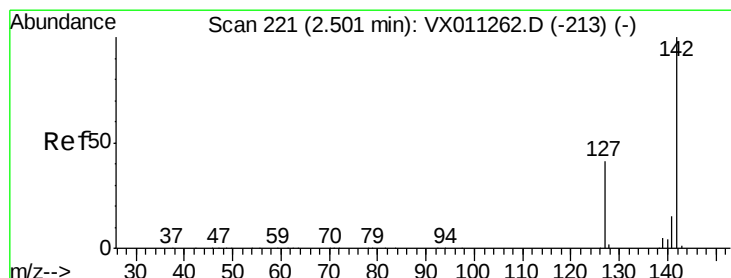
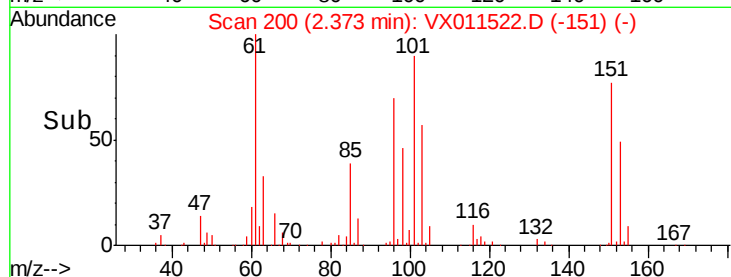
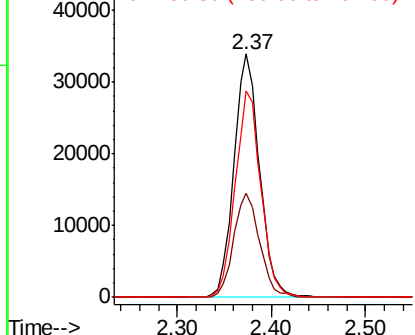
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.526 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 63977
 Ion Ratio Lower Upper
 101 100
 85 43.5 33.8 50.6
 151 84.9 69.5 104.3

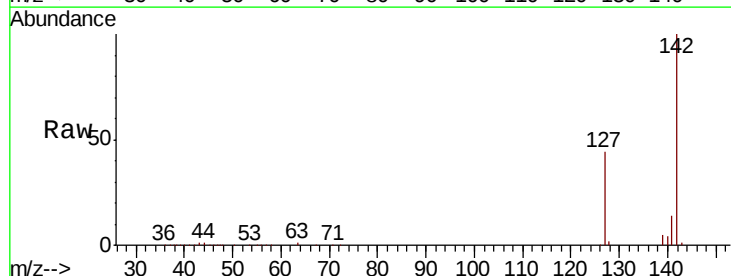


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

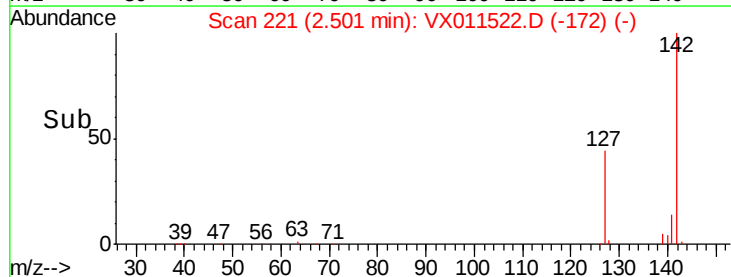
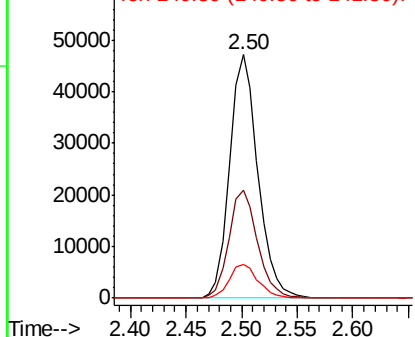


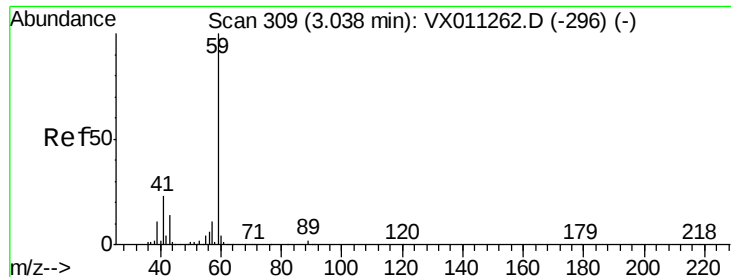
#10
 Methyl Iodide
 Concen: 46.737 ug/l
 RT: 2.50 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion:142 Resp: 82805
 Ion Ratio Lower Upper
 142 100
 127 45.1 33.8 50.8
 141 14.3 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

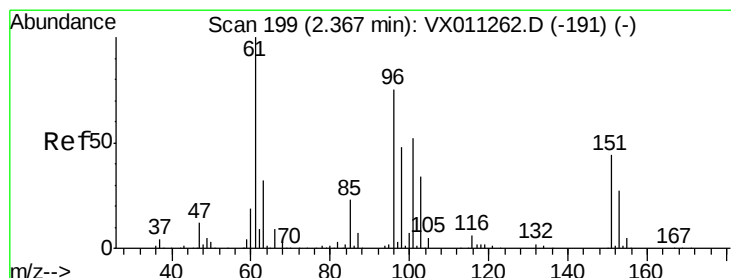
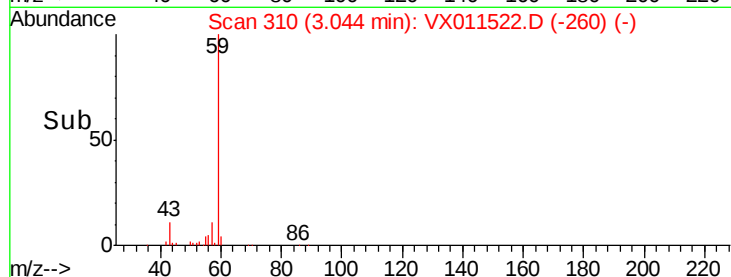
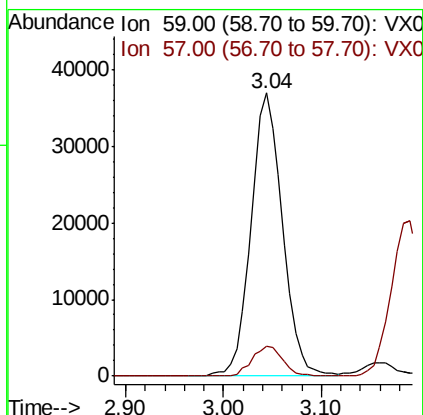
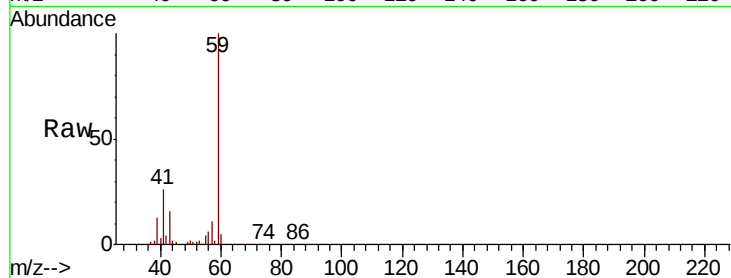




#11
Tert butyl alcohol
Concen: 269.901 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

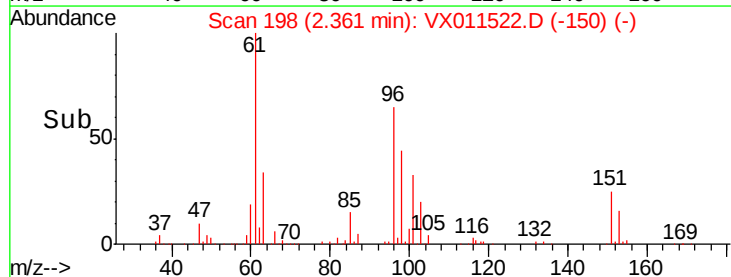
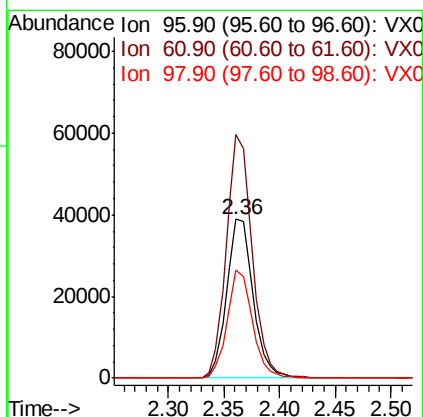
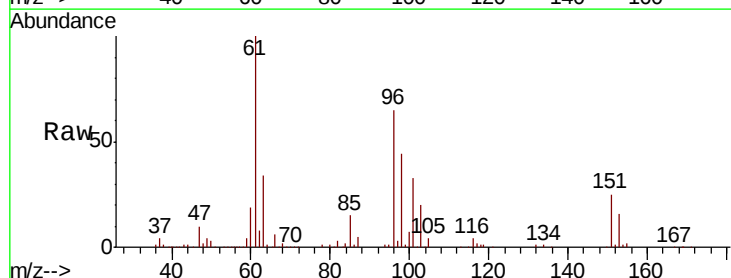
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

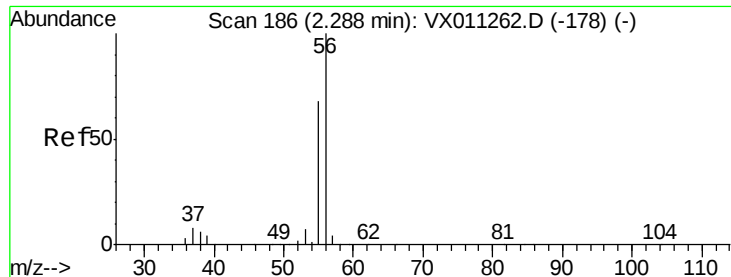
Tgt Ion: 59 Resp: 82984
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.011 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

Tgt Ion: 96 Resp: 64095
Ion Ratio Lower Upper
96 100
61 153.1 106.2 159.2
98 67.9 50.6 75.8





#13

Acrolein

Concen: 213.113 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

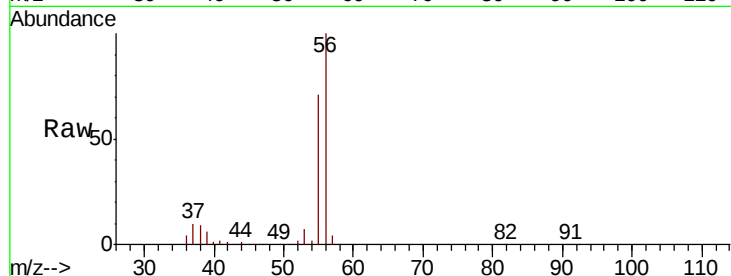
VSTDCCC050EC

Tgt Ion: 56 Resp: 40732

Ion Ratio Lower Upper

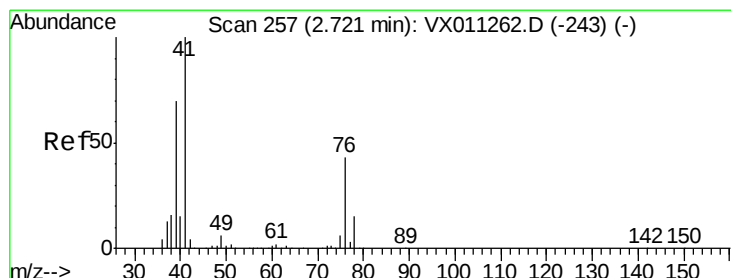
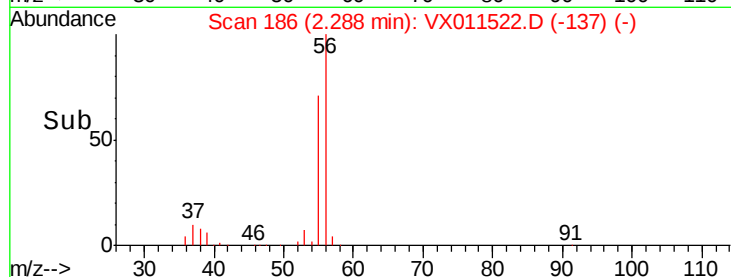
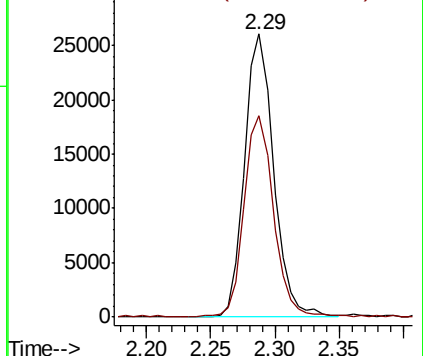
56 100

55 72.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.729 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

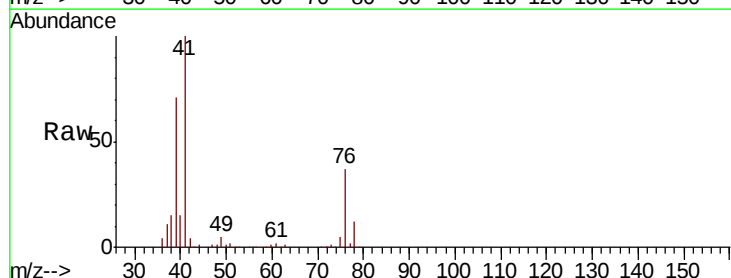
Tgt Ion: 41 Resp: 94208

Ion Ratio Lower Upper

41 100

39 68.6 52.8 79.2

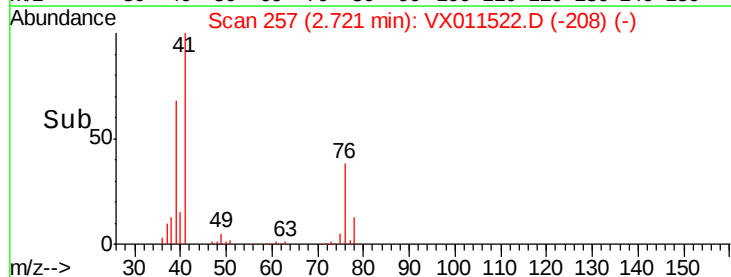
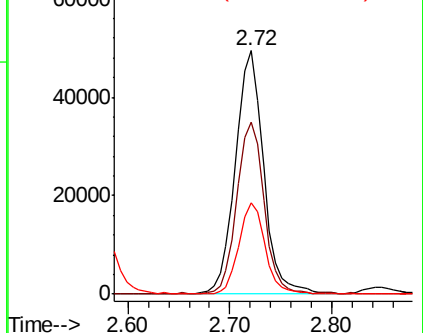
76 35.3 31.1 46.7



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: 269.032 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

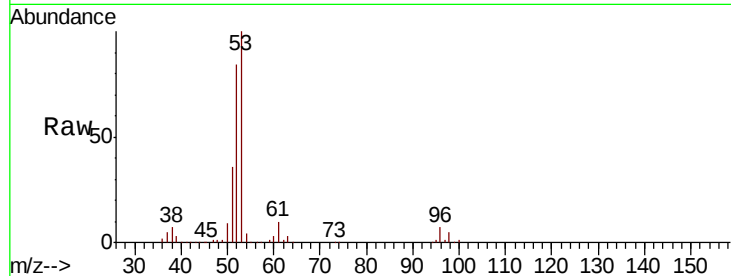
Tgt Ion: 53 Resp: 197389

Ion Ratio Lower Upper

53 100

52 83.2 65.5 98.3

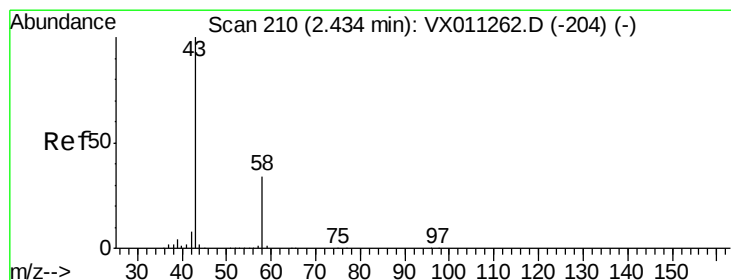
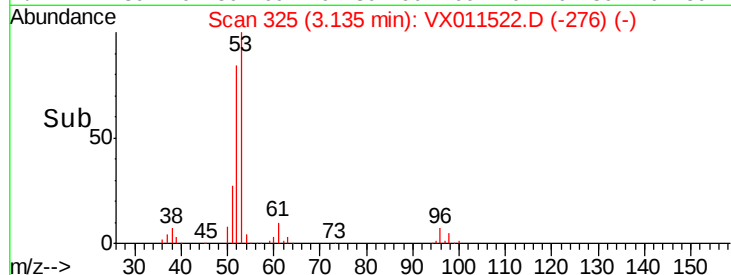
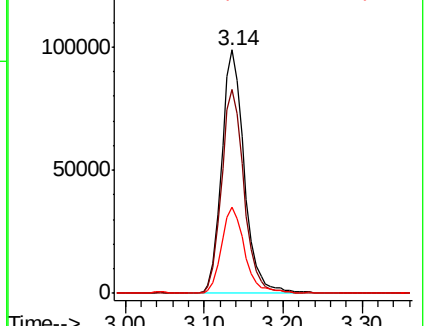
51 36.7 27.9 41.9



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: 239.702 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011522.D

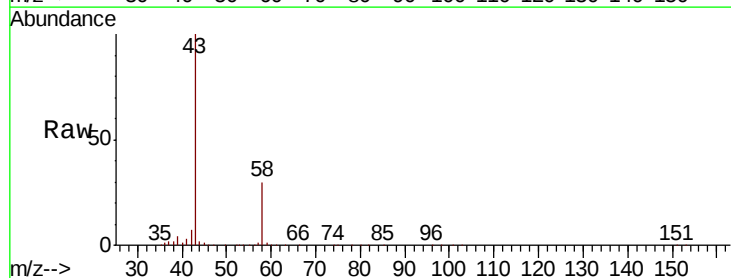
Acq: 13 Aug 2019 07:04

Tgt Ion: 43 Resp: 175916

Ion Ratio Lower Upper

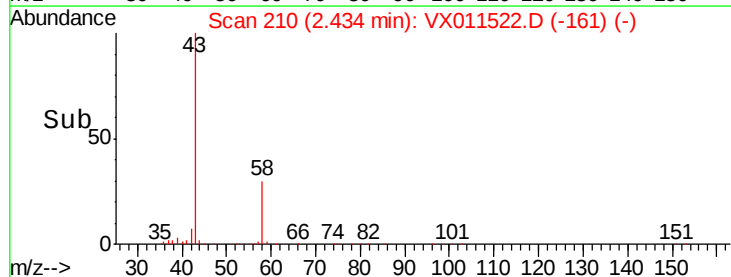
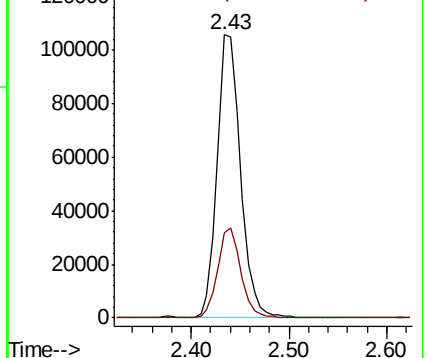
43 100

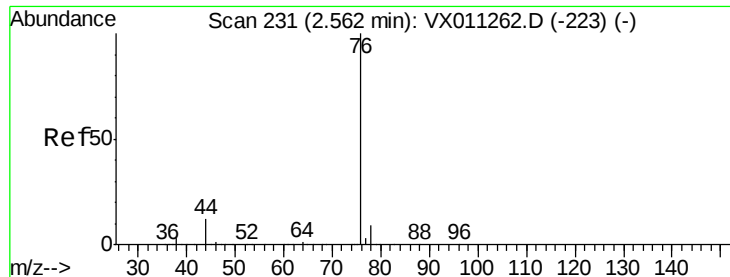
58 30.2 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.225 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

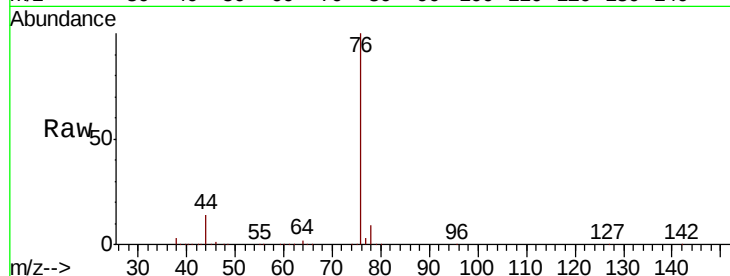
VSTDCCC050EC

Tgt Ion: 76 Resp: 134763

Ion Ratio Lower Upper

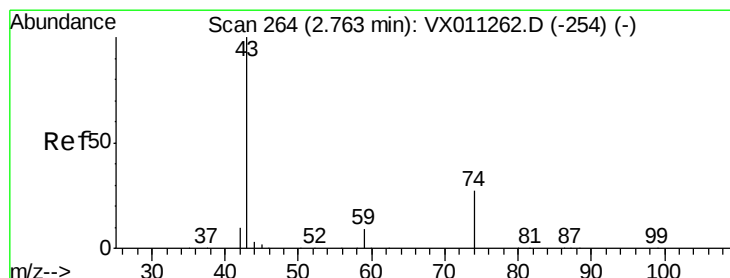
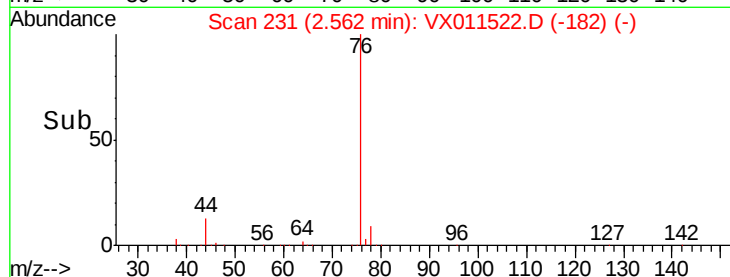
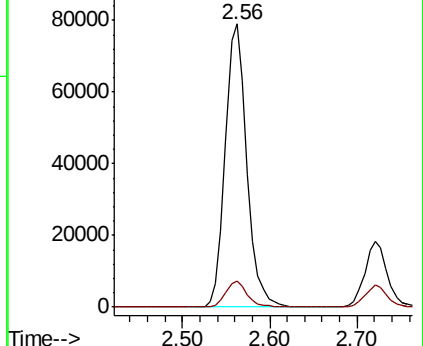
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.838 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011522.D

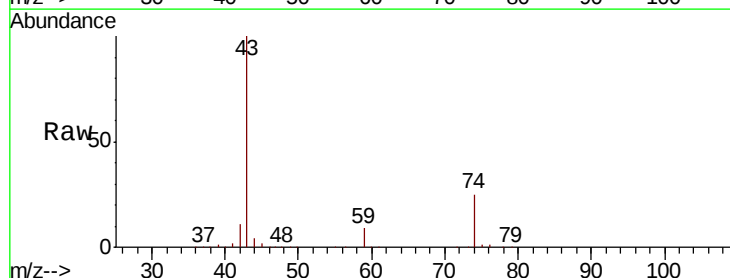
Acq: 13 Aug 2019 07:04

Tgt Ion: 43 Resp: 97003

Ion Ratio Lower Upper

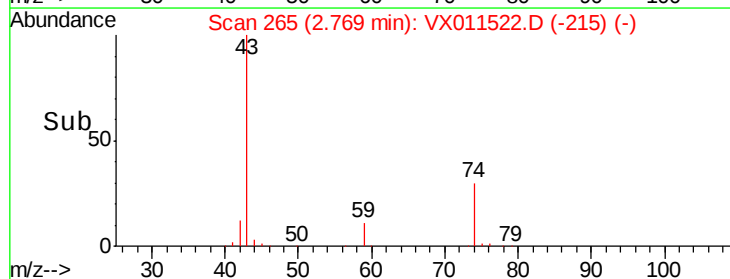
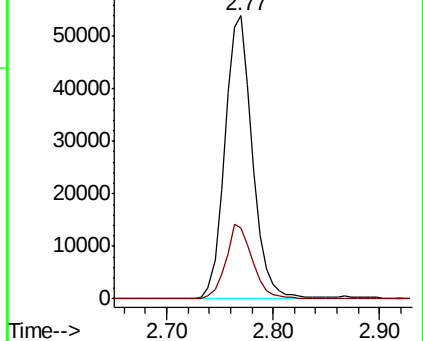
43 100

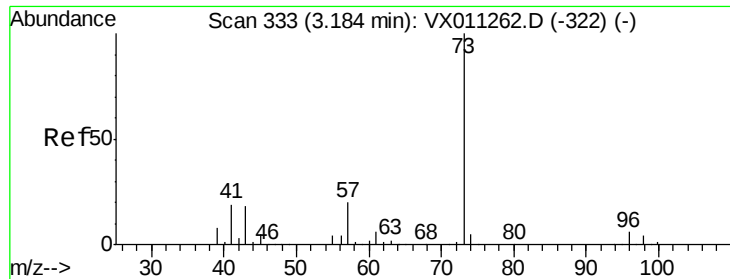
74 25.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



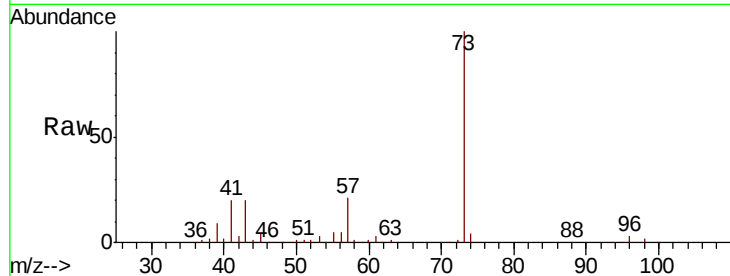


#19

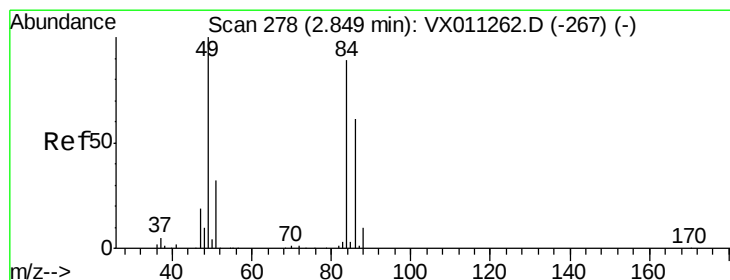
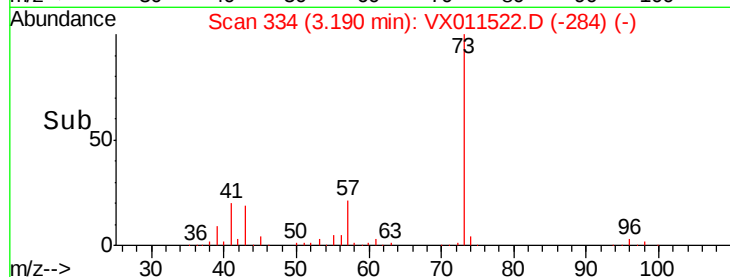
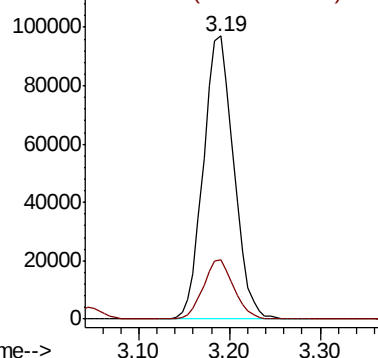
Methyl tert-butyl Ether
 Concen: 54.969 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 73 Resp: 225655
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.2 24.2



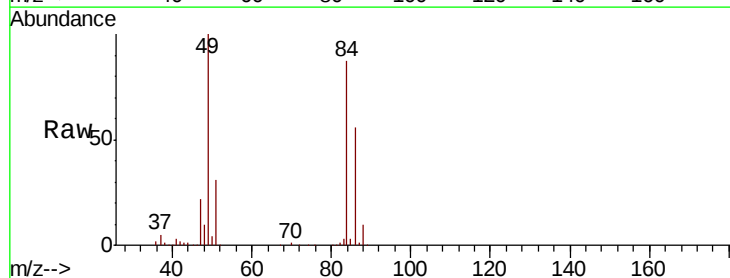
Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



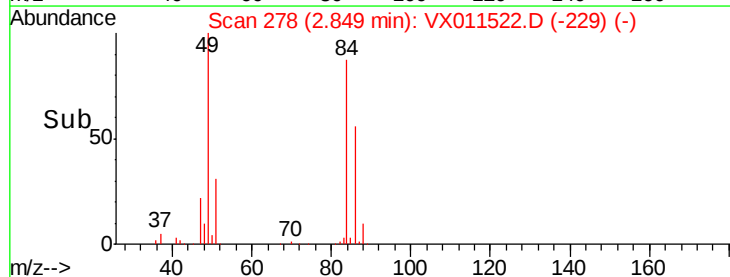
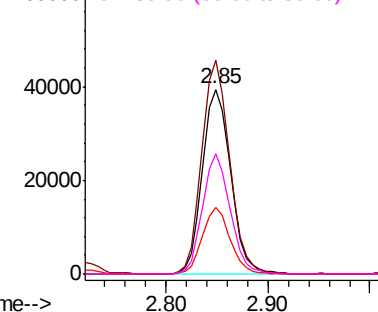
#20

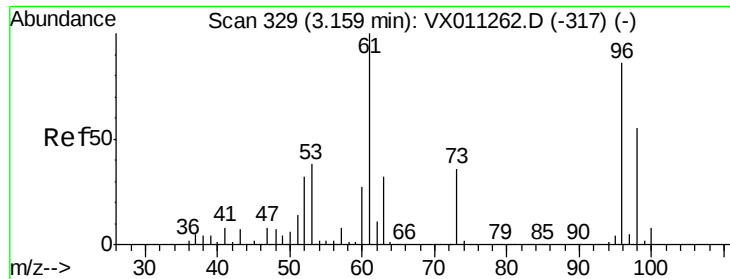
Methylene Chloride
 Concen: 47.028 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 84 Resp: 75587
 Ion Ratio Lower Upper
 84 100
 49 115.5 89.3 133.9
 51 36.3 28.3 42.5
 86 65.1 54.5 81.7



Abundance Ion 83.90 (83.60 to 84.60): VX0
 Ion 48.90 (48.60 to 49.60): VX0
 Ion 50.90 (50.60 to 51.60): VX0
 Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 46.323 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

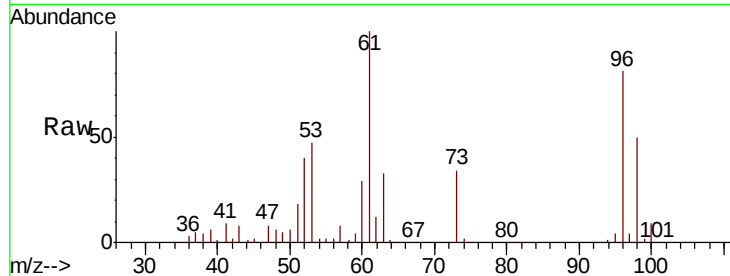
Tgt Ion: 96 Resp: 68260

Ion Ratio Lower Upper

96 100

61 124.2 92.8 139.2

98 62.0 51.2 76.8

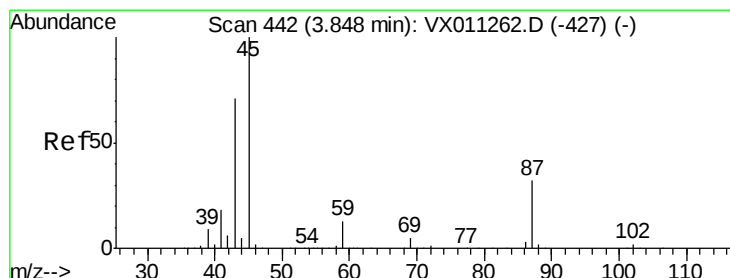
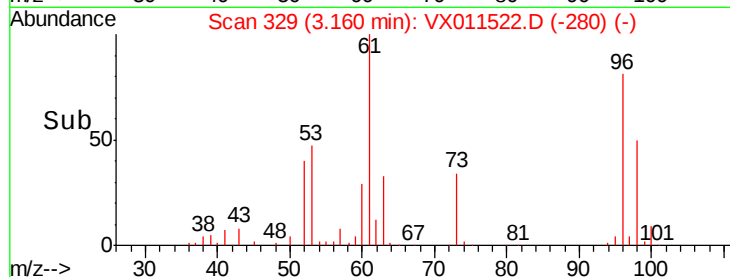
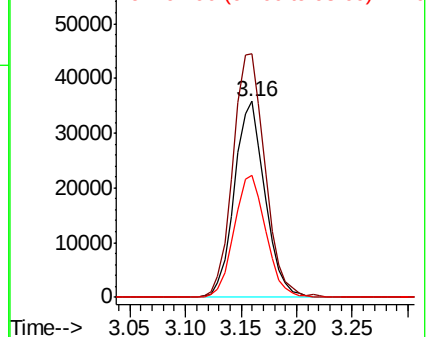


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.586 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Tgt Ion: 45 Resp: 214632

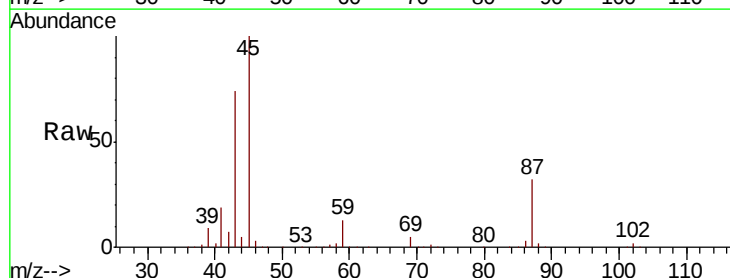
Ion Ratio Lower Upper

45 100

43 73.5 56.8 85.2

87 32.5 25.8 38.6

59 12.5 10.3 15.5



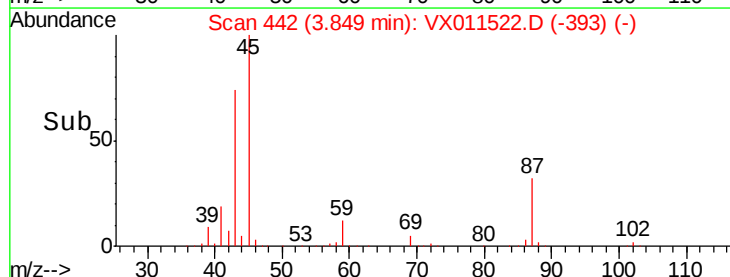
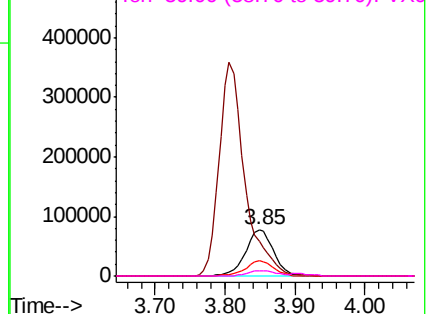
Abundance

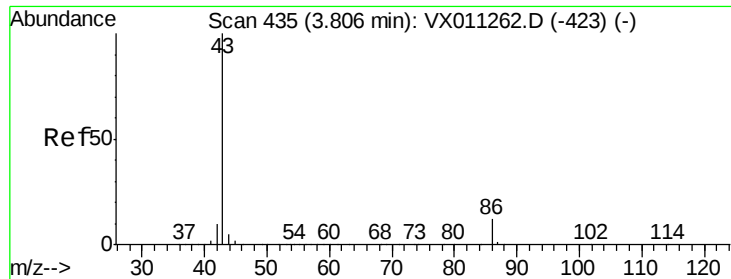
Ion 45.00 (44.70 to 45.70): VX0

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: 271.741 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

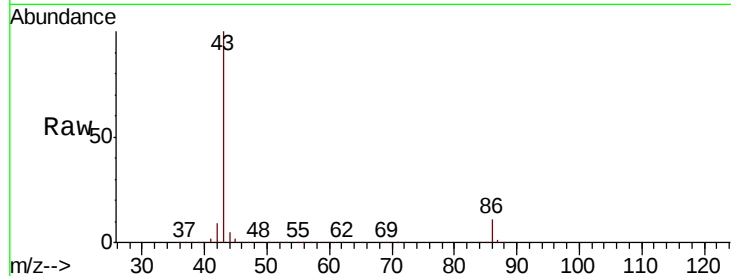
VSTDCCC050EC

Tgt Ion: 43 Resp: 919916

Ion Ratio Lower Upper

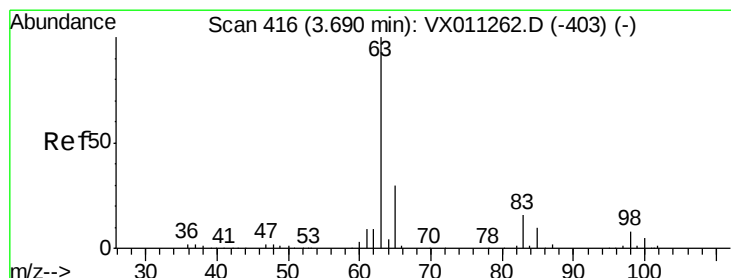
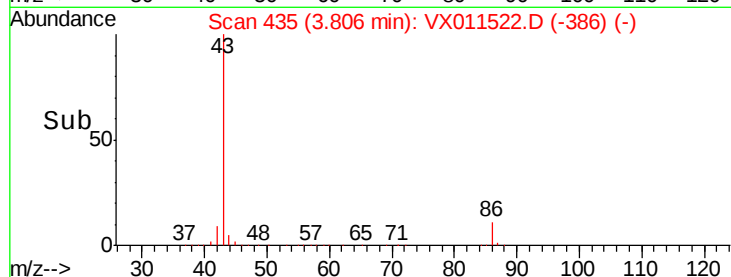
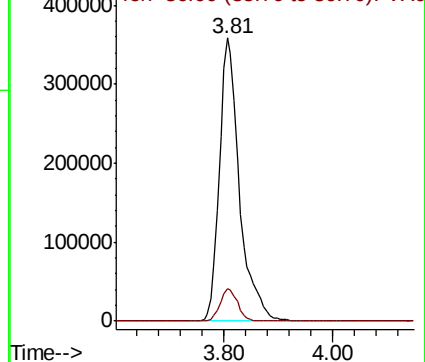
43 100

86 11.3 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.086 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

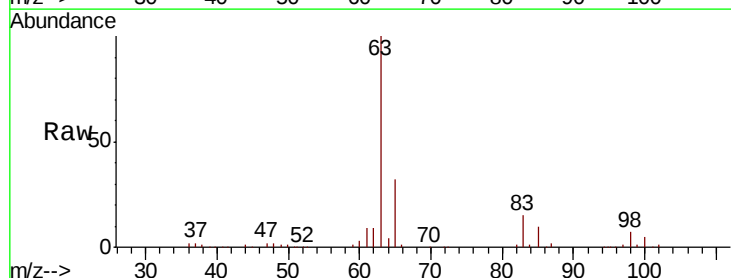
Tgt Ion: 63 Resp: 125357

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

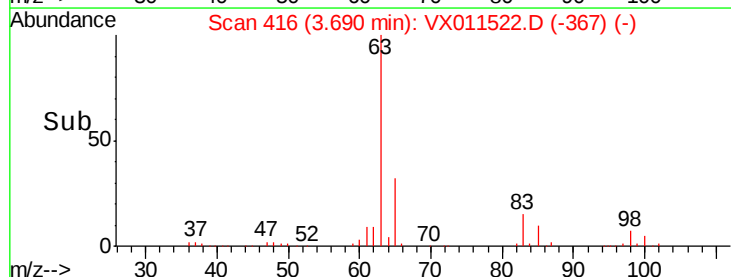
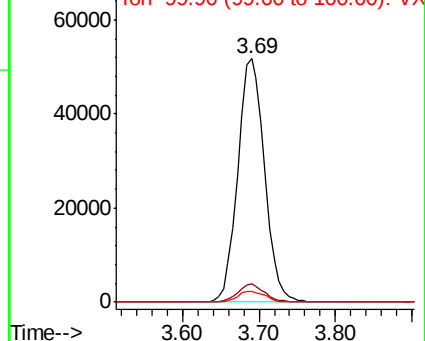
100 4.6 2.7 8.1

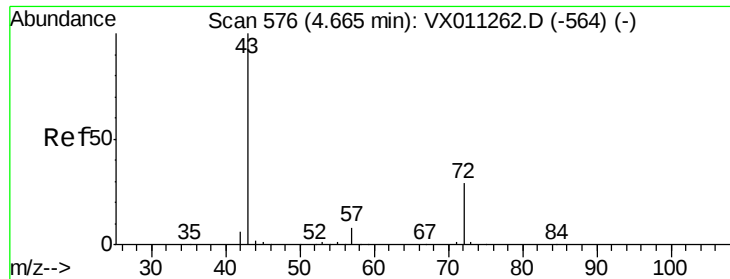


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.468 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

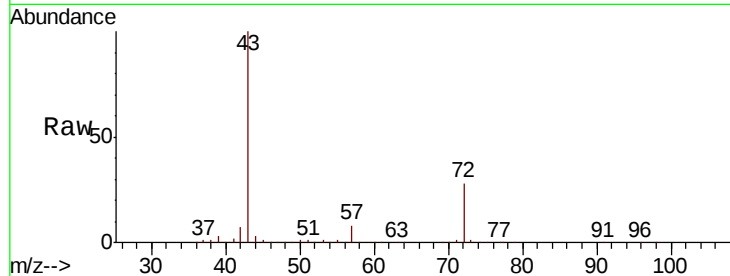
VSTDCCC050EC

Tgt Ion: 43 Resp: 278184

Ion Ratio Lower Upper

43 100

72 27.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

100000

80000

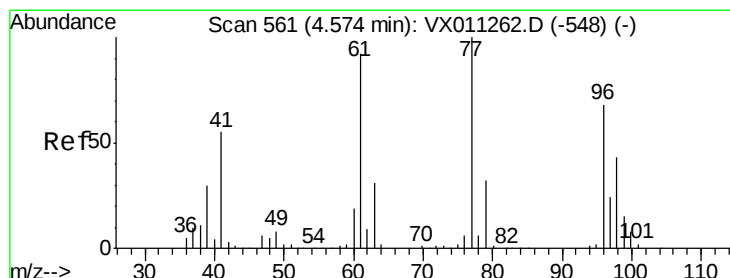
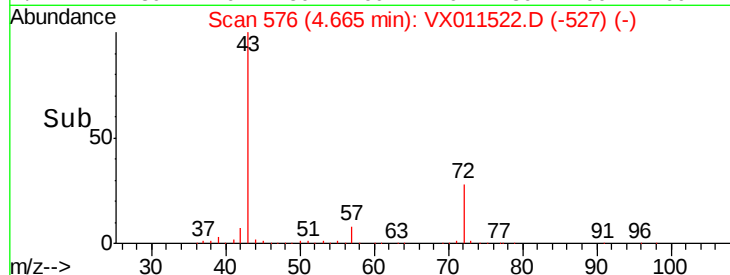
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 30.794 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011522.D

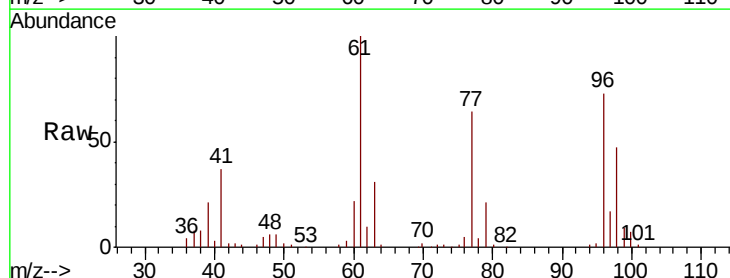
Acq: 13 Aug 2019 07:04

Tgt Ion: 77 Resp: 57612

Ion Ratio Lower Upper

77 100

97 26.3 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

20000

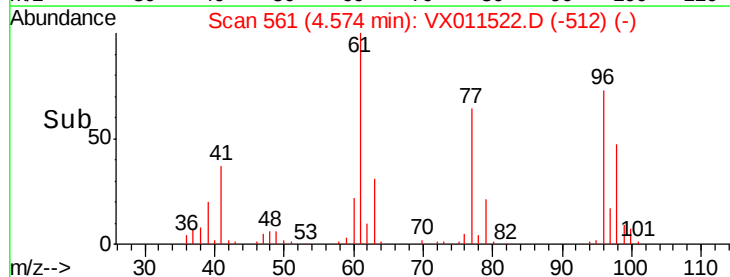
15000

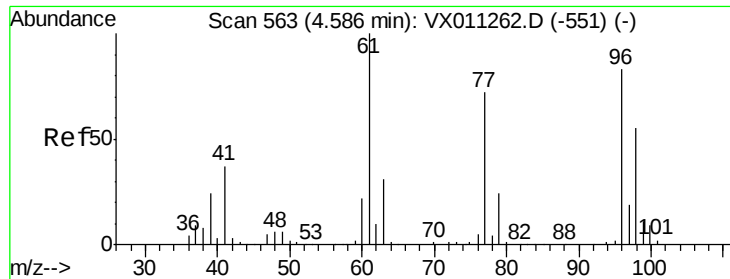
10000

5000

0

Time-->



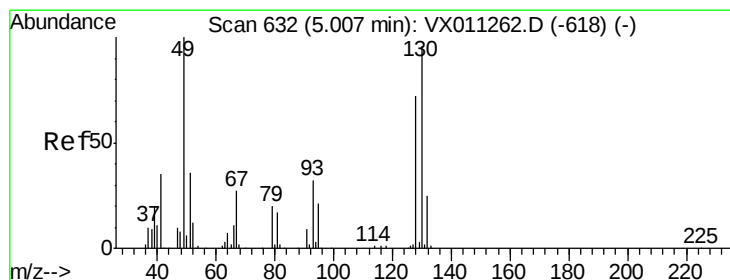
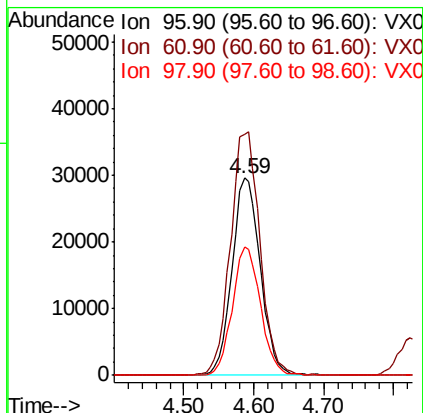
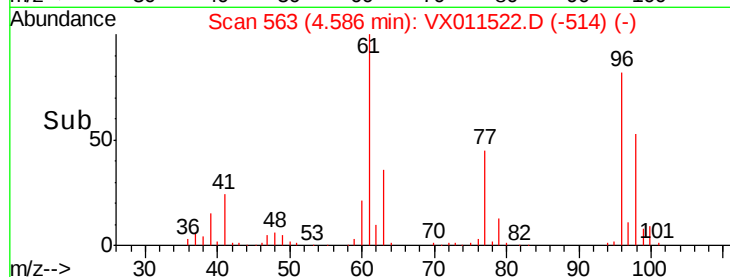
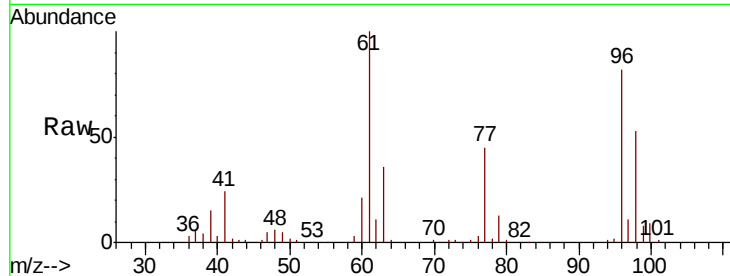


#27

cis-1,2-Dichloroethene
 Concen: 49.080 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

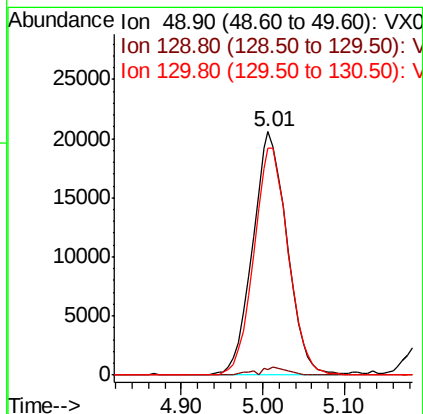
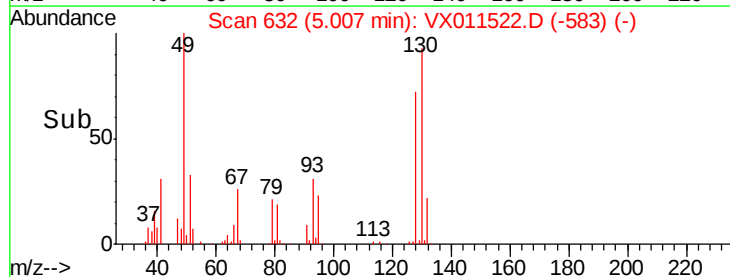
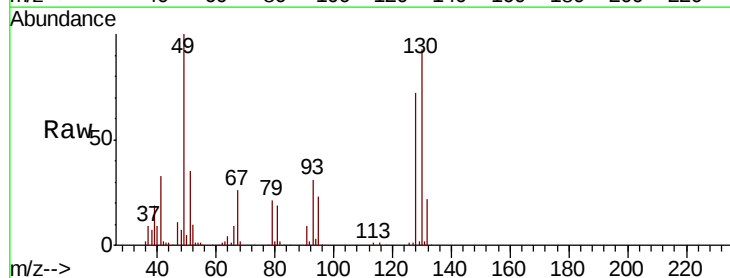
Tgt Ion: 96 Resp: 83303
 Ion Ratio Lower Upper
 96 100
 61 128.1 0.0 260.2
 98 64.6 0.0 133.2

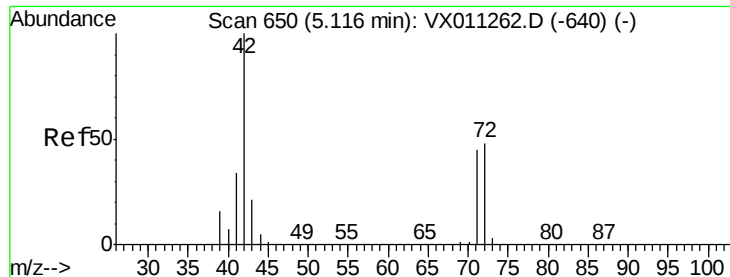


#28

Bromochloromethane
 Concen: 55.045 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 49 Resp: 60395
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.8
 130 93.3 77.9 116.9





#29

Tetrahydrofuran

Concen: 270.392 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

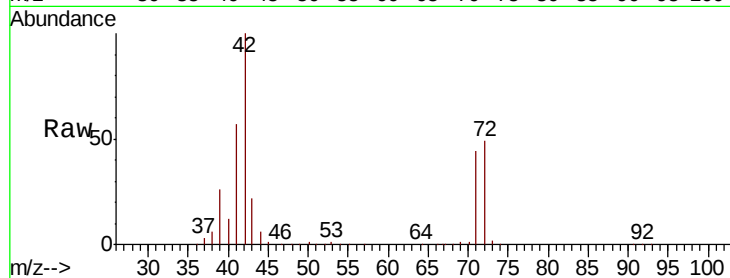
Tgt Ion: 42 Resp: 173080

Ion Ratio Lower Upper

42 100

72 48.9 39.9 59.9

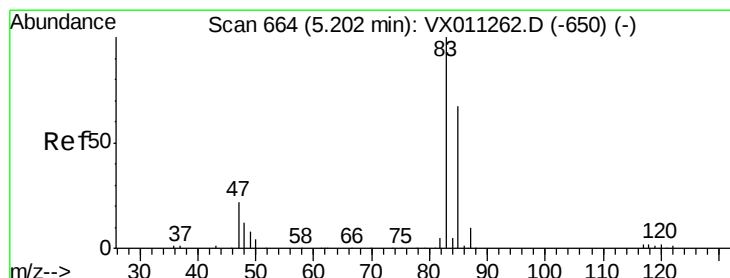
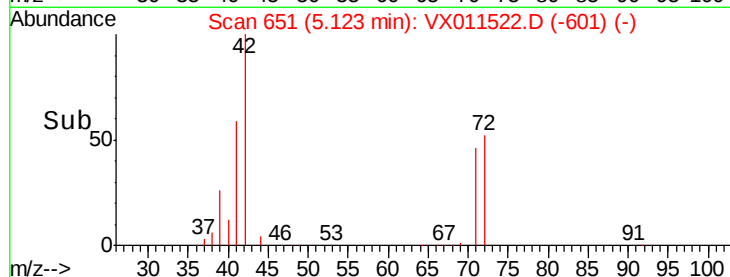
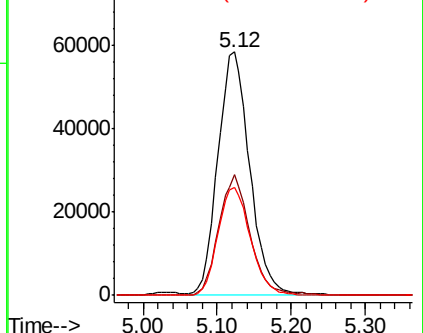
71 45.4 36.9 55.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.293 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011522.D

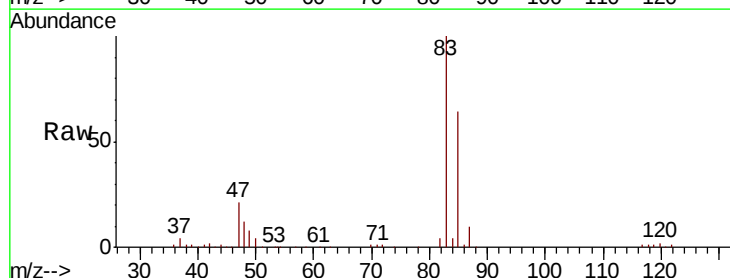
Acq: 13 Aug 2019 07:04

Tgt Ion: 83 Resp: 139402

Ion Ratio Lower Upper

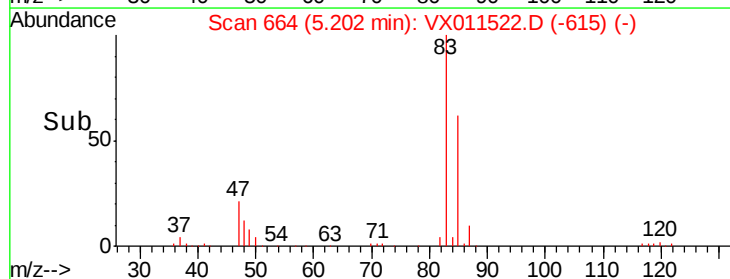
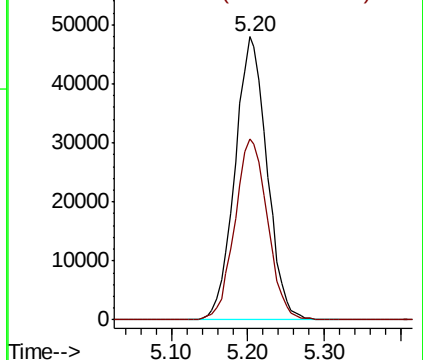
83 100

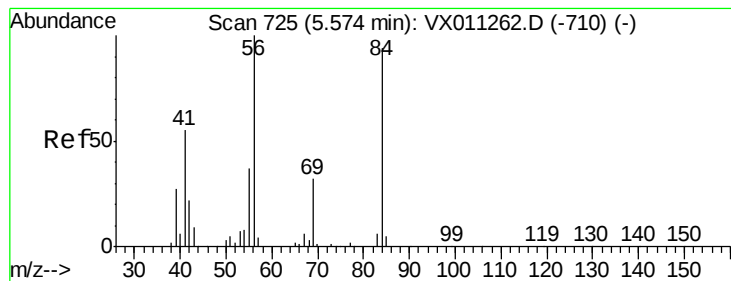
85 63.7 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.868 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

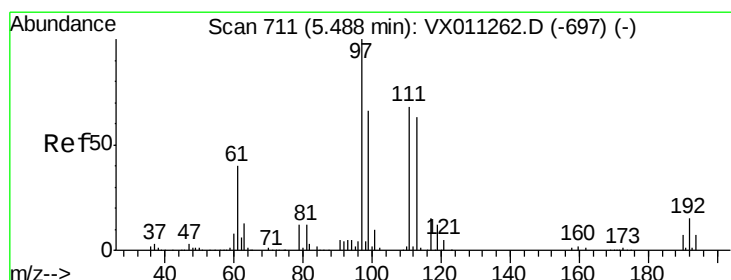
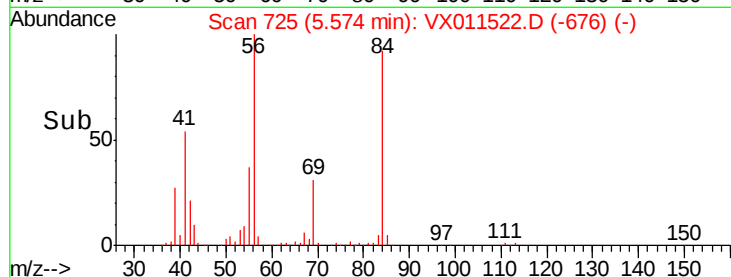
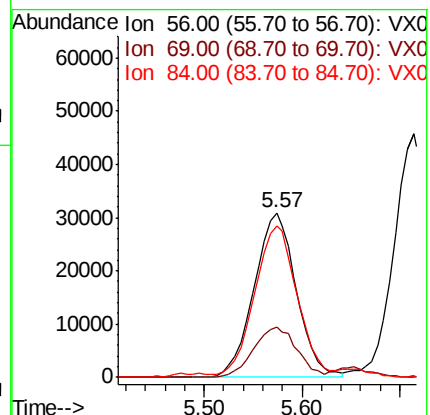
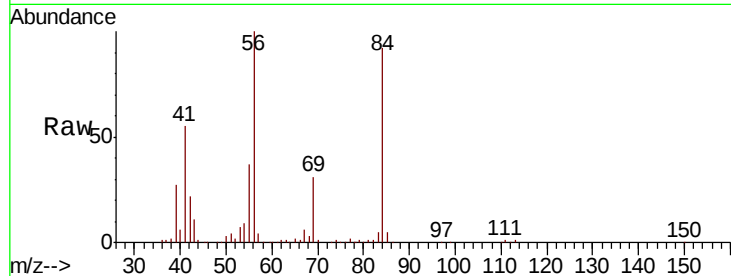
Tgt Ion: 56 Resp: 93061

Ion Ratio Lower Upper

56 100

69 30.8 25.5 38.3

84 90.0 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 53.983 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

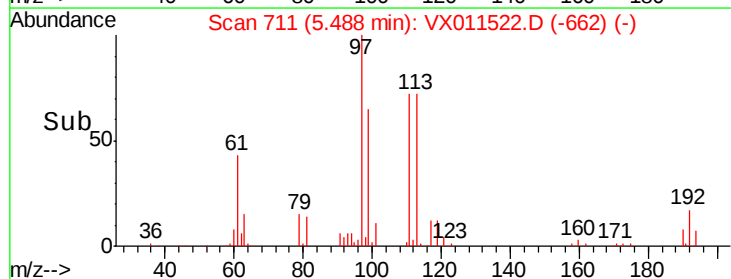
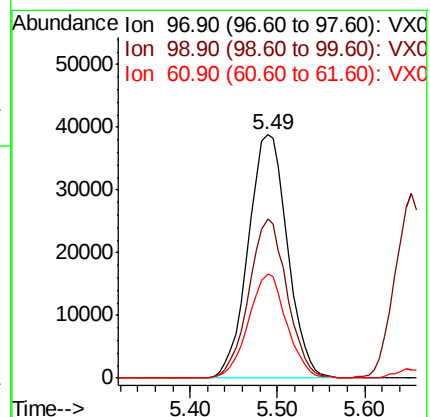
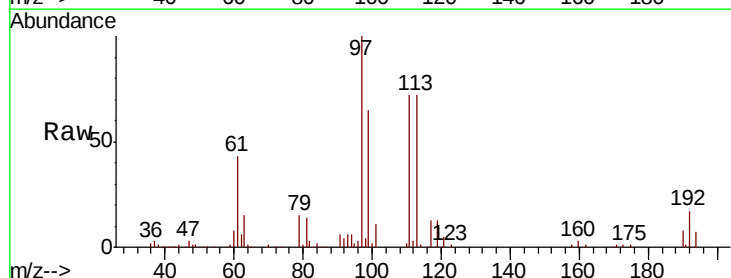
Tgt Ion: 97 Resp: 120965

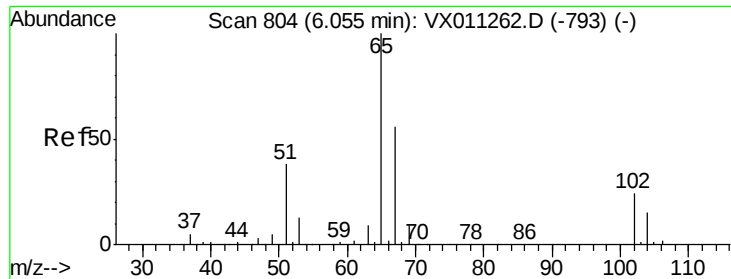
Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

61 41.8 32.3 48.5

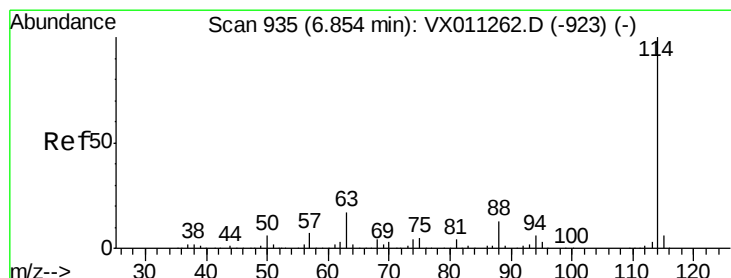
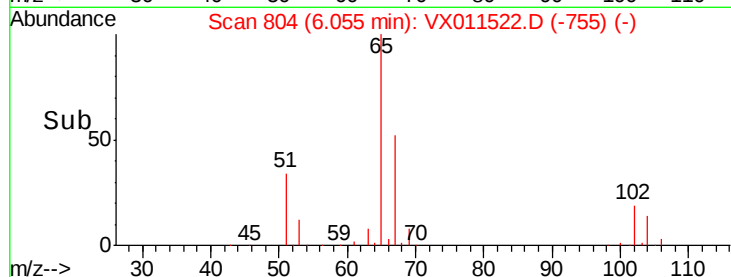
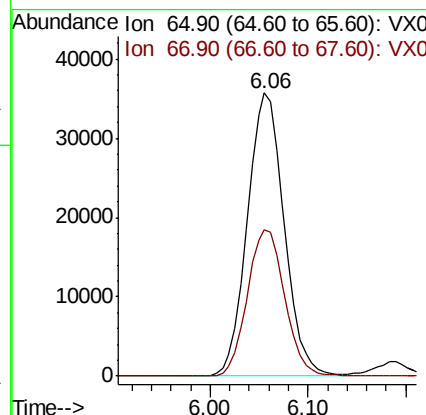
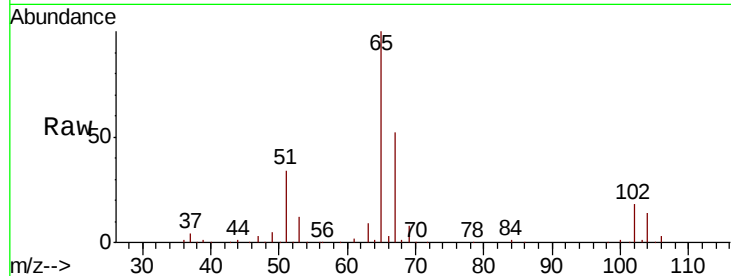




#33
 1,2-Dichloroethane-d4
 Concen: 60.528 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

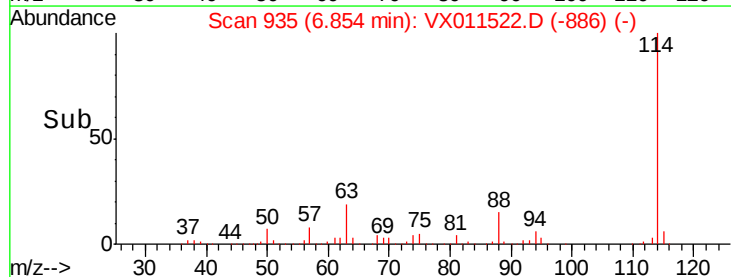
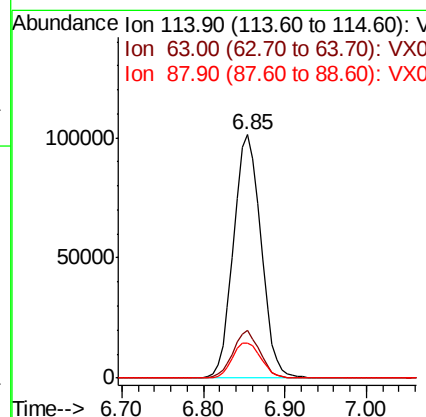
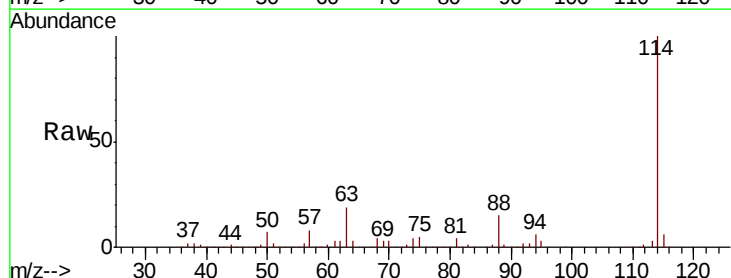
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

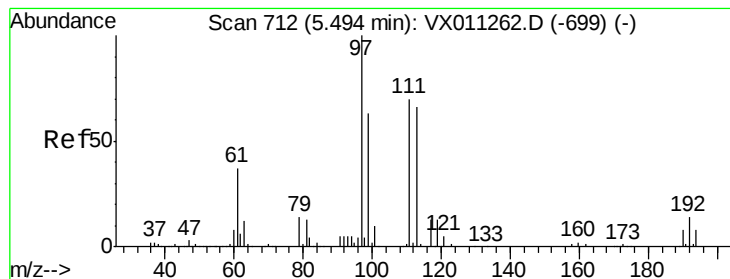
Tgt Ion: 65 Resp: 93325
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 114 Resp: 236605
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 34.0
 88 14.5 0.0 26.4





#35

Dibromofluoromethane

Concen: 52.488 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

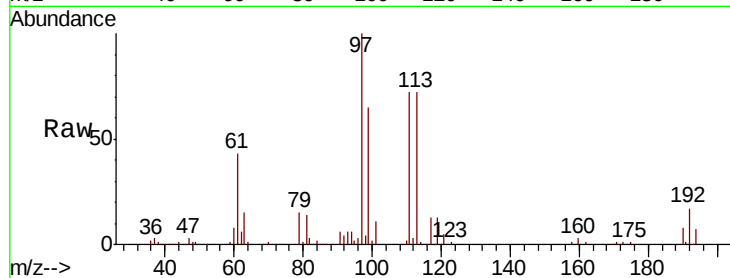
Tgt Ion:113 Resp: 81081

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 21.5 17.8 26.8

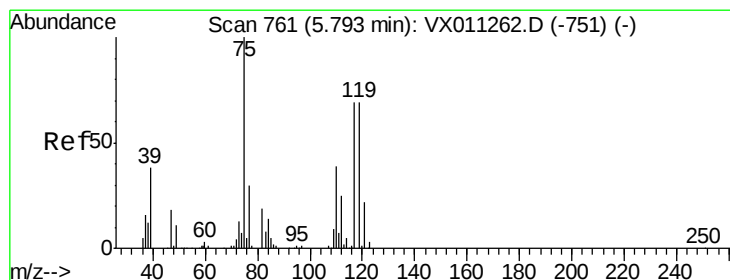
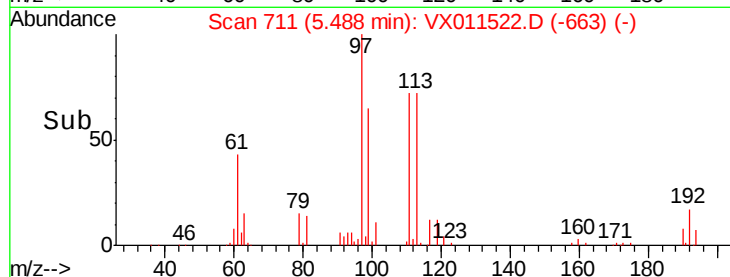
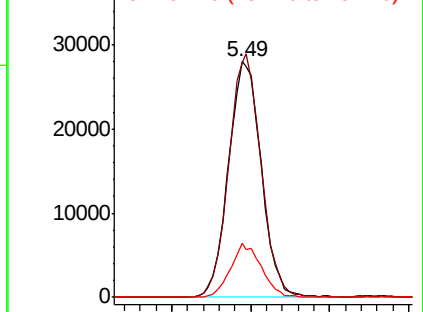


Abundance

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: 45.187 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

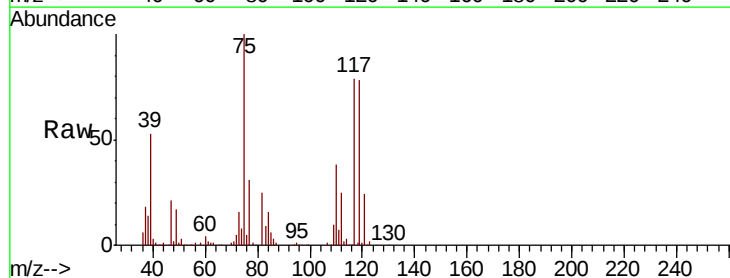
Tgt Ion: 75 Resp: 93347

Ion Ratio Lower Upper

75 100

110 38.0 20.0 59.9

77 31.9 24.8 37.2

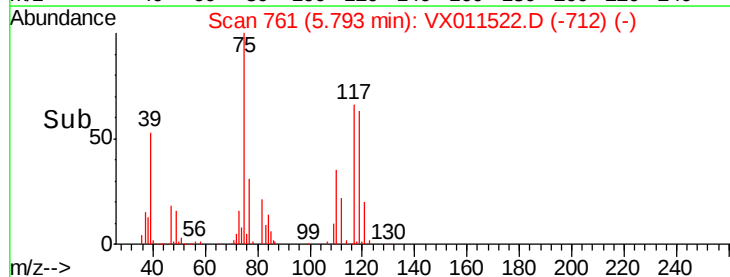
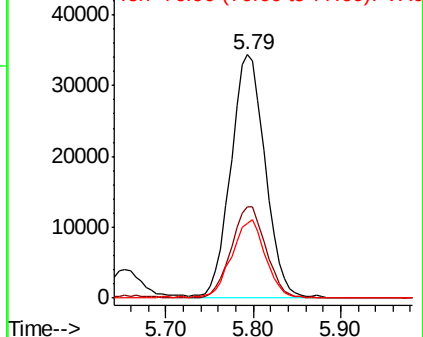


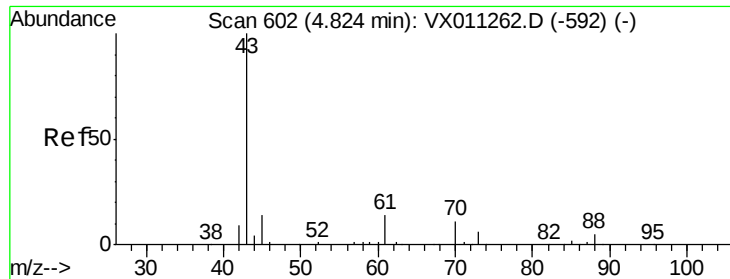
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

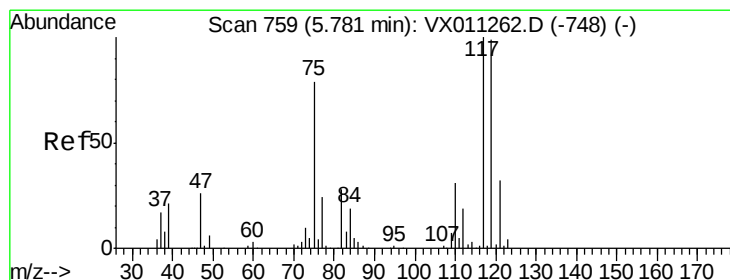
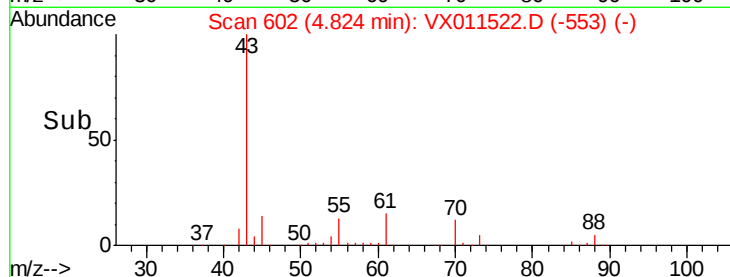
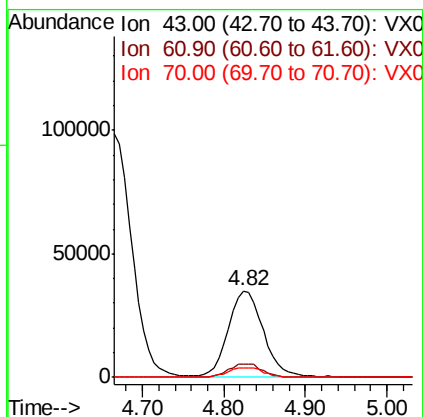
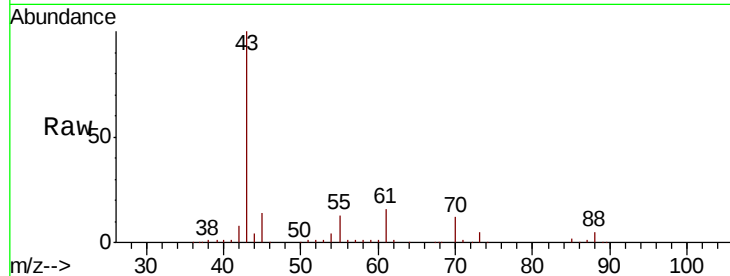




#37
 Ethyl Acetate
 Concen: 49.873 ug/l
 RT: 4.82 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

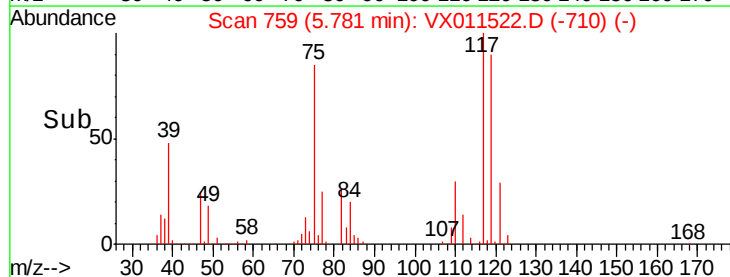
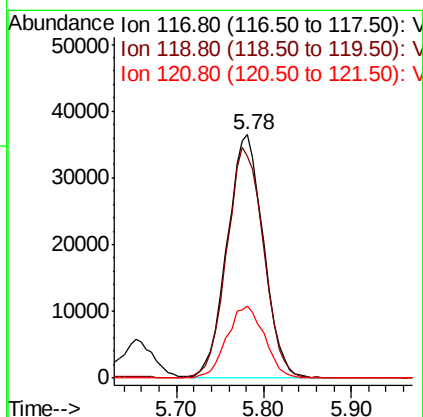
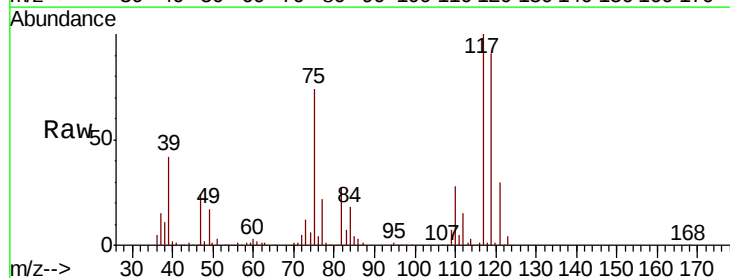
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

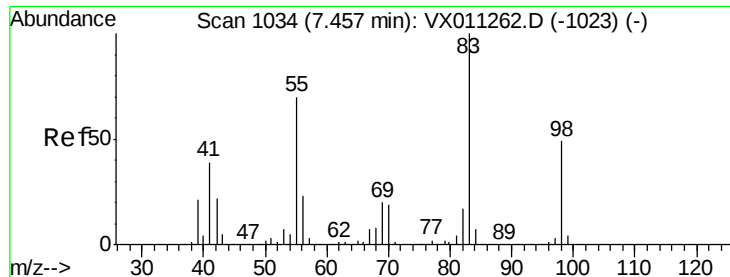
Tgt Ion: 43 Resp: 103344
 Ion Ratio Lower Upper
 43 100
 61 15.6 12.6 18.8
 70 11.6 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 50.771 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 117 Resp: 105519
 Ion Ratio Lower Upper
 117 100
 119 91.3 79.0 118.4
 121 29.8 25.9 38.9

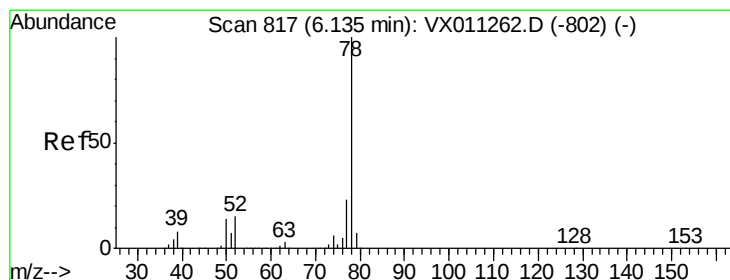
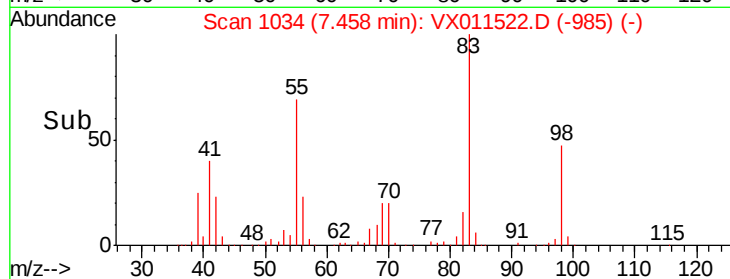
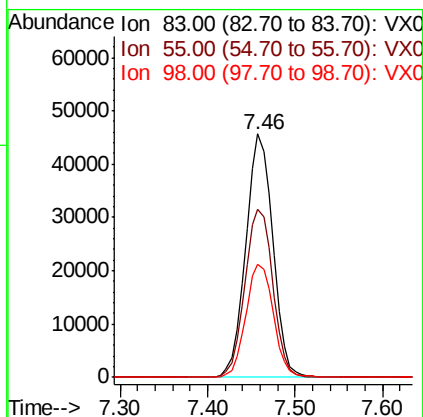
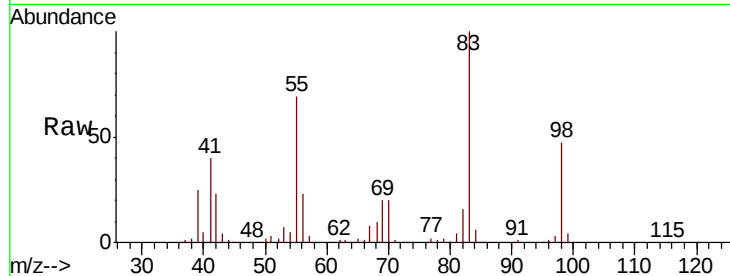




#39
Methylcyclohexane
Concen: 40.011 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

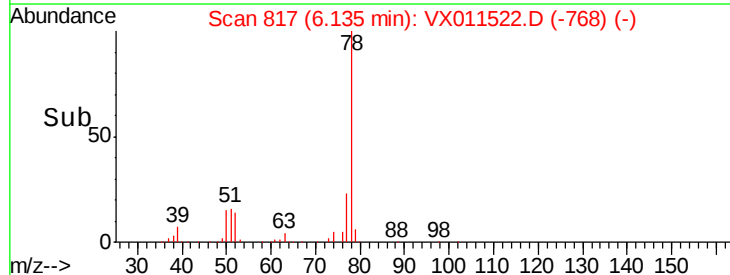
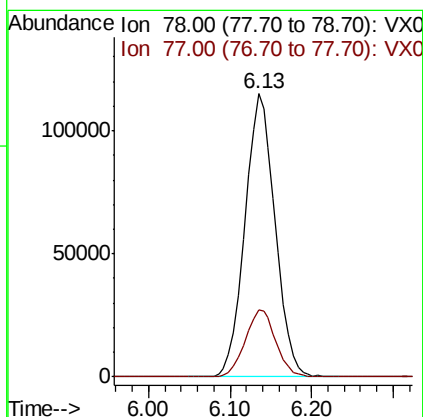
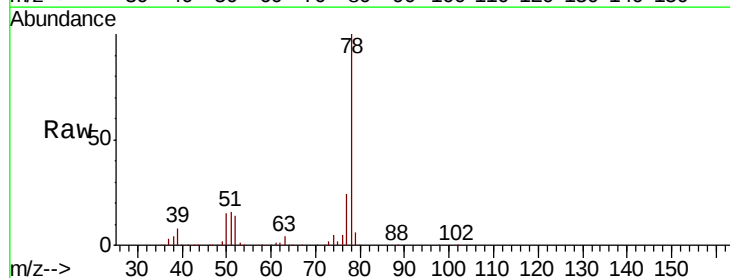
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

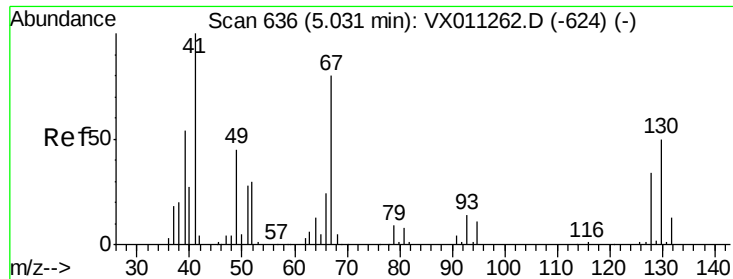
Tgt Ion: 83 Resp: 97972
Ion Ratio Lower Upper
83 100
55 69.1 56.1 84.1
98 46.6 39.0 58.4



#40
Benzene
Concen: 48.049 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

Tgt Ion: 78 Resp: 296193
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2





#41

Methacrylonitrile

Concen: 52.845 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 59802

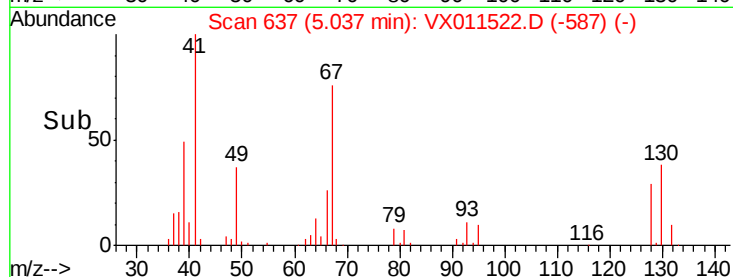
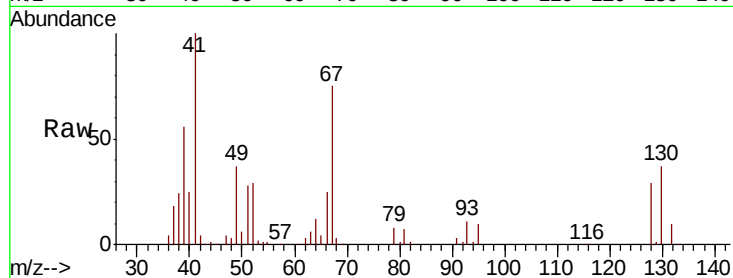
Ion Ratio Lower Upper

41 100

39 54.5 43.0 64.6

67 76.4 65.1 97.7

52 31.7 24.8 37.2

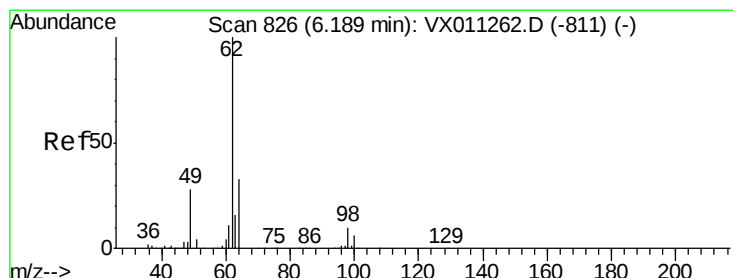
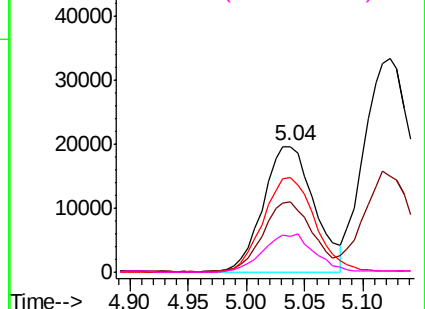


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.159 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX011522.D

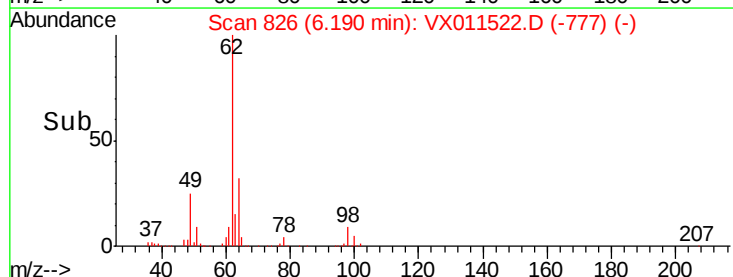
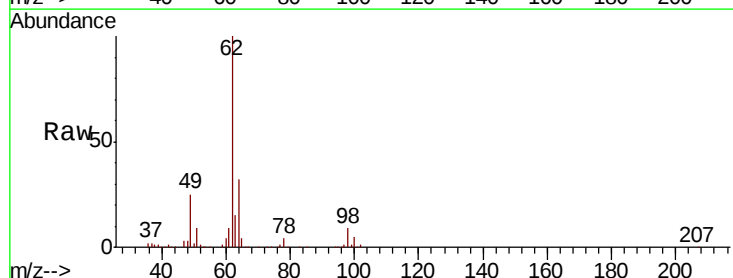
Acq: 13 Aug 2019 07:04

Tgt Ion: 62 Resp: 112894

Ion Ratio Lower Upper

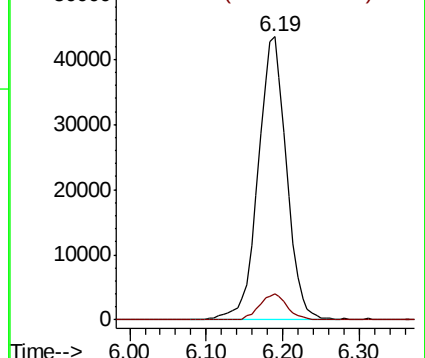
62 100

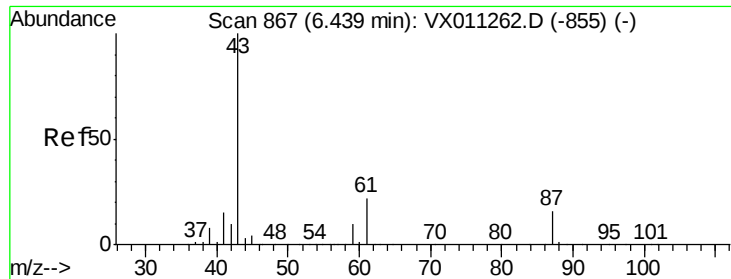
98 9.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.910 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

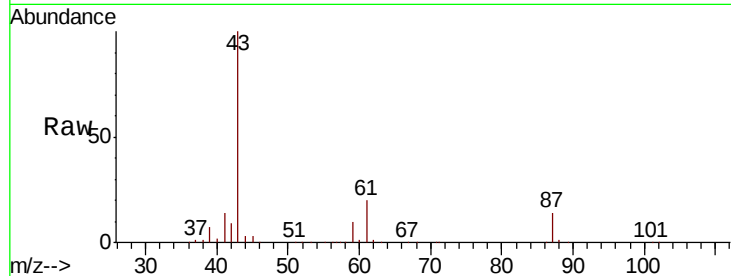
Tgt Ion: 43 Resp: 168658

Ion Ratio Lower Upper

43 100

61 20.1 16.5 24.7

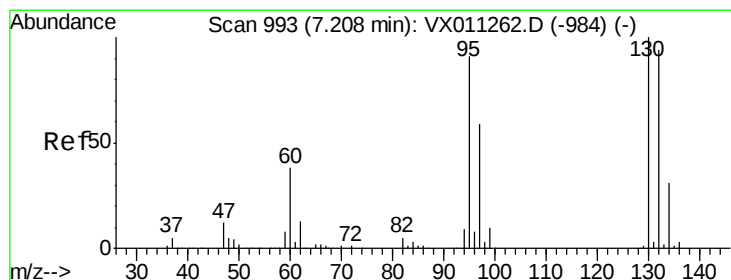
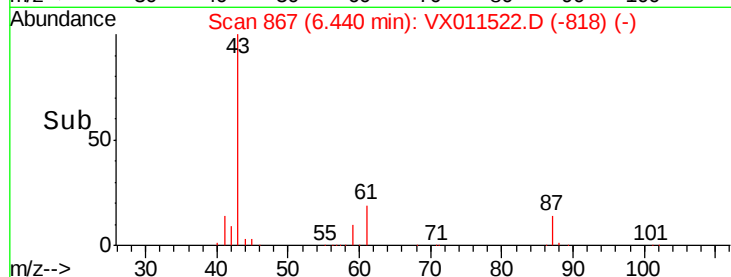
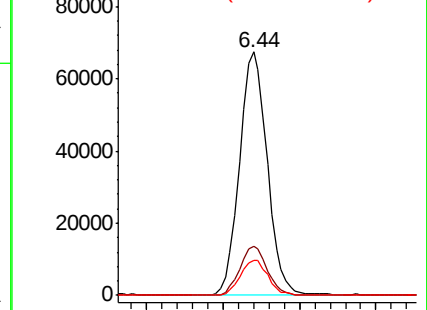
87 14.6 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 44.968 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011522.D

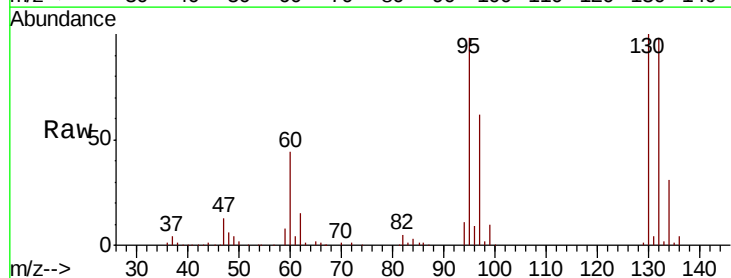
Acq: 13 Aug 2019 07:04

Tgt Ion: 130 Resp: 83905

Ion Ratio Lower Upper

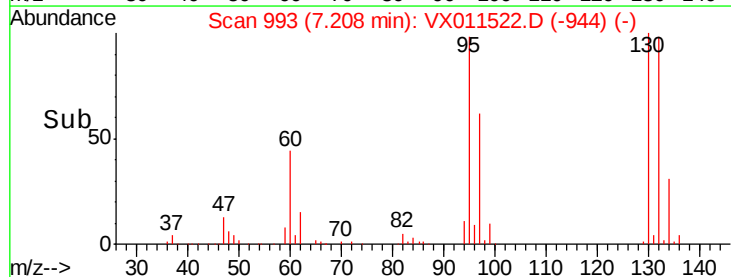
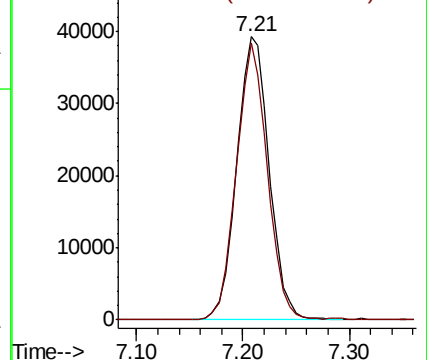
130 100

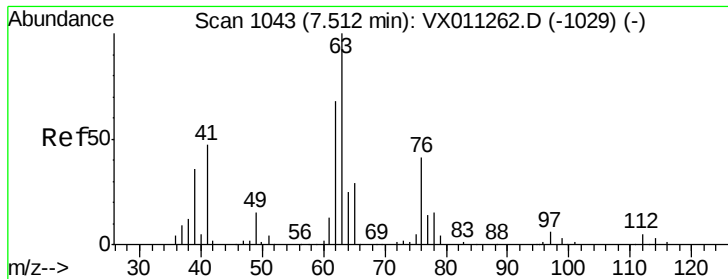
95 97.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 46.852 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

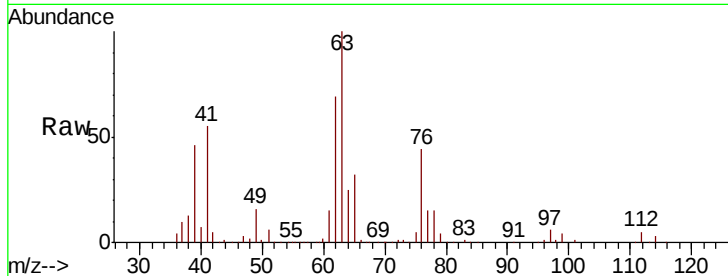
VSTDCCC050EC

Tgt Ion: 63 Resp: 74798

Ion Ratio Lower Upper

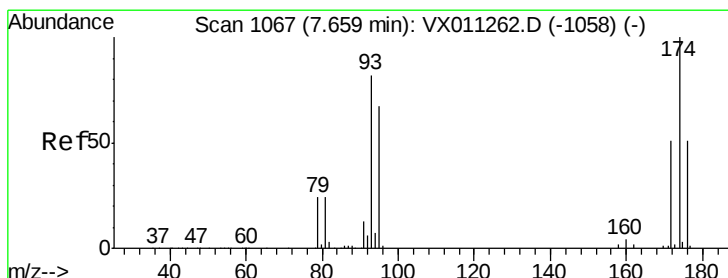
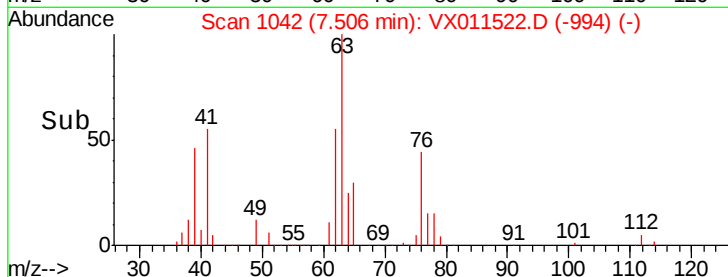
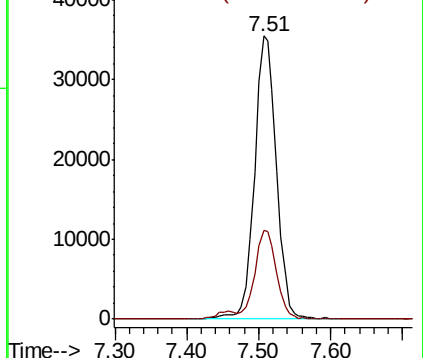
63 100

65 31.6 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.693 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

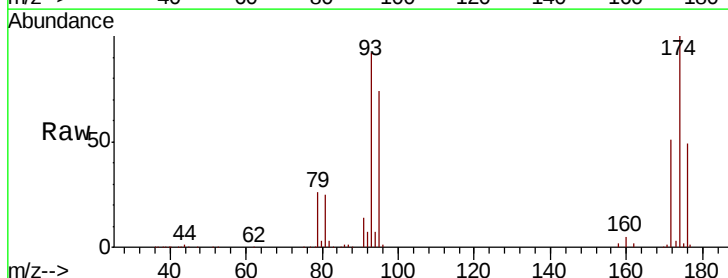
Tgt Ion: 93 Resp: 55584

Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

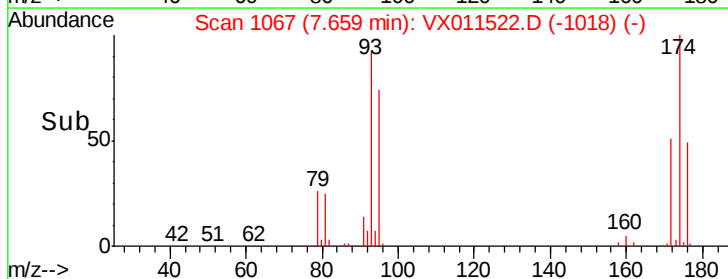
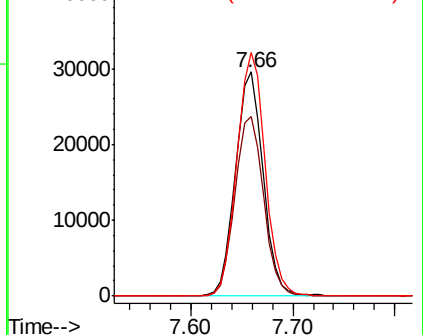
174 110.4 93.4 140.2

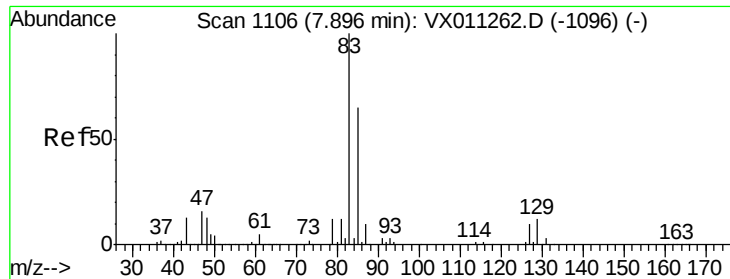


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.742 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

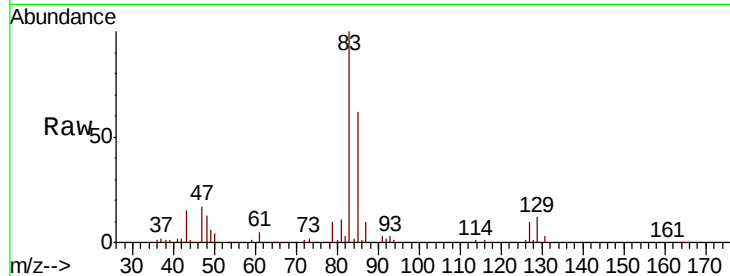
Tgt Ion: 83 Resp: 104072

Ion Ratio Lower Upper

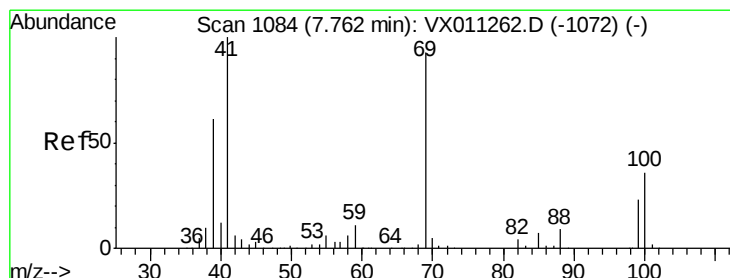
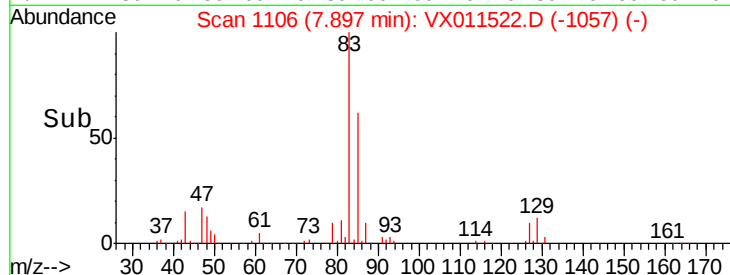
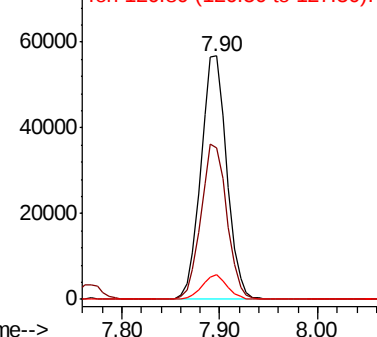
83 100

85 62.3 52.2 78.2

127 10.0 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: 54.074 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

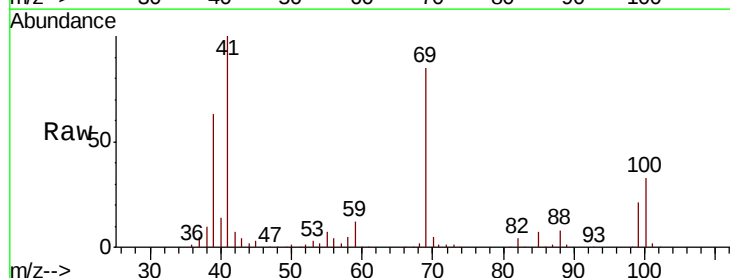
Tgt Ion: 41 Resp: 84305

Ion Ratio Lower Upper

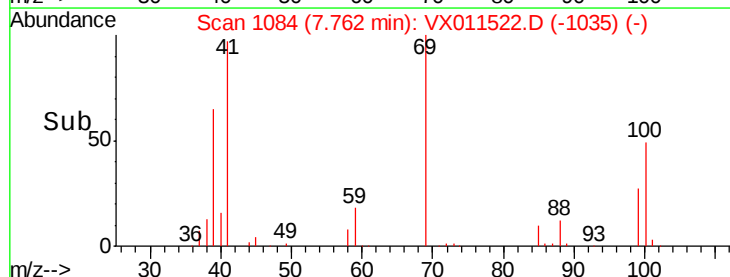
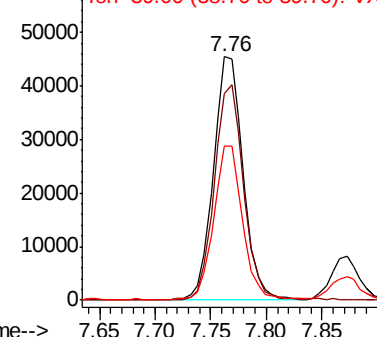
41 100

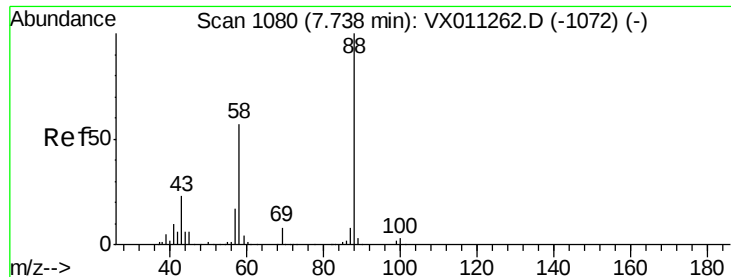
69 86.9 74.5 111.7

39 61.8 48.6 72.8



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

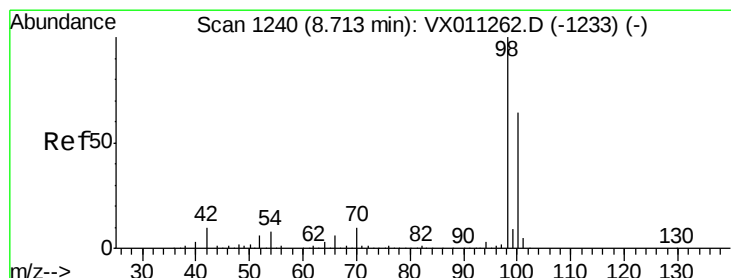
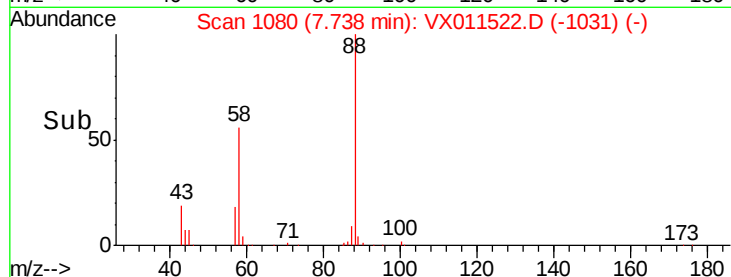
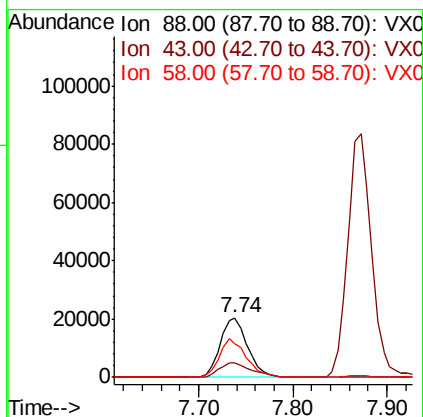
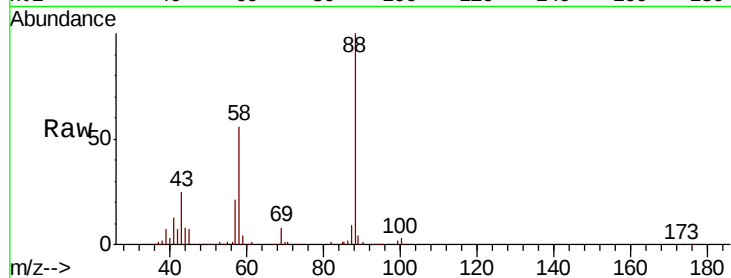




#49
 1,4-Dioxane
 Concen: 912.630 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

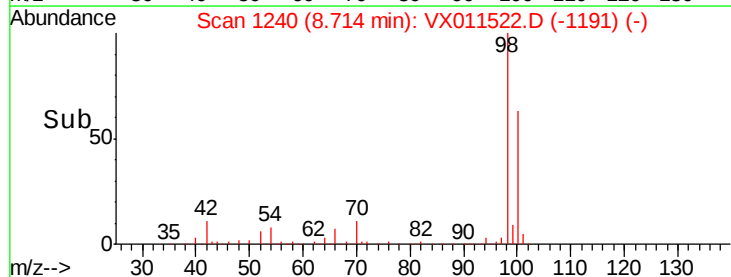
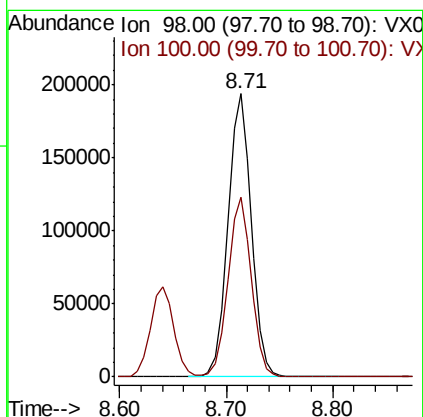
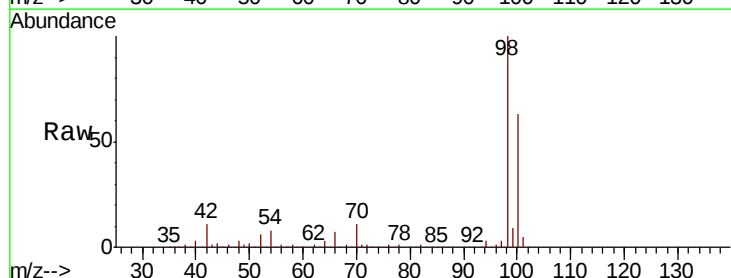
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 41250
 Ion Ratio Lower Upper
 88 100
 43 29.1 22.2 33.2
 58 64.2 47.8 71.8



#50
 Toluene-d8
 Concen: 51.044 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 98 Resp: 297635
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.7 77.5

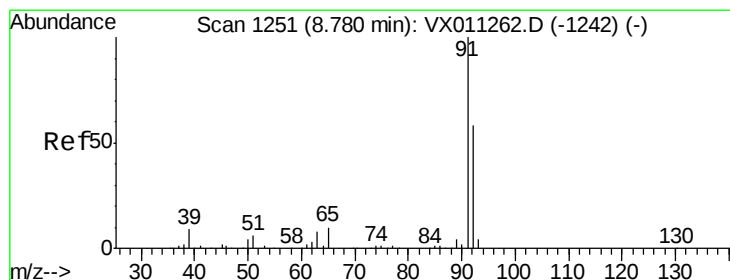
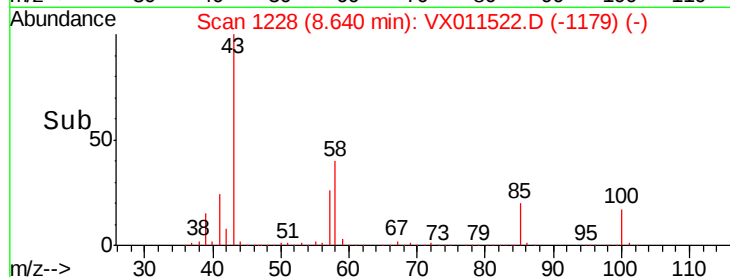
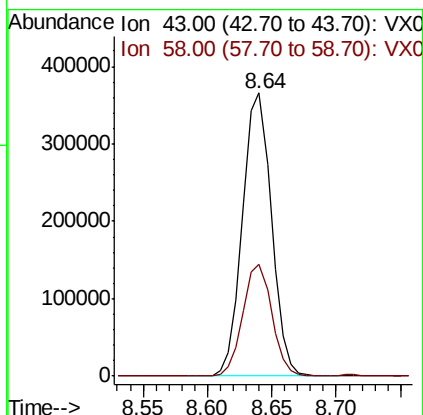
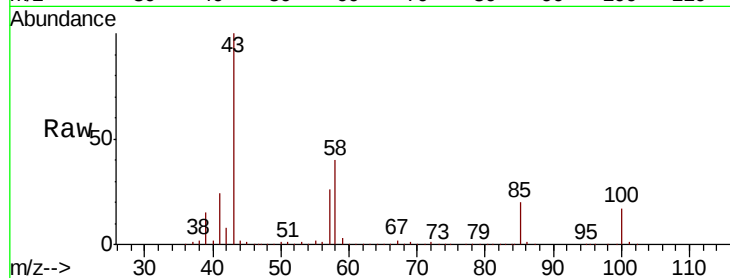




#51
 4-Methyl-2-Pentanone
 Concen: 266.245 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

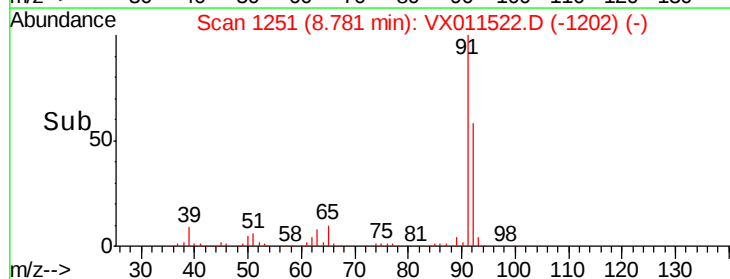
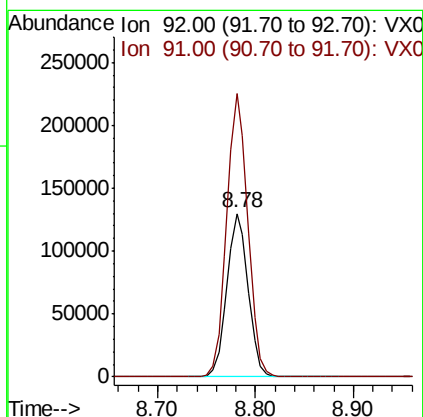
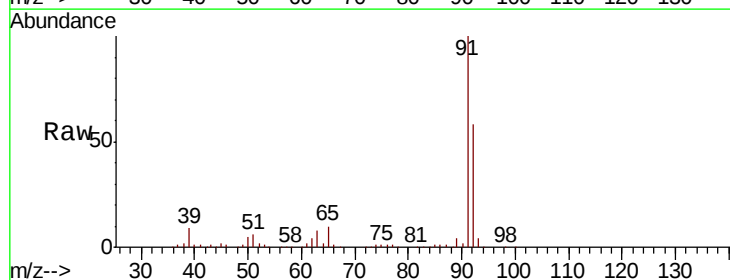
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

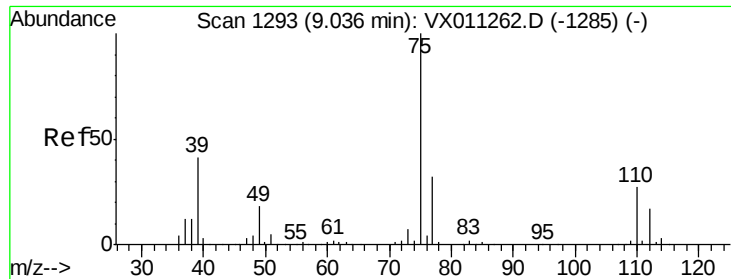
Tgt Ion: 43 Resp: 569232
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.3 48.5



#52
 Toluene
 Concen: 47.882 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 92 Resp: 195155
 Ion Ratio Lower Upper
 92 100
 91 172.9 139.4 209.0

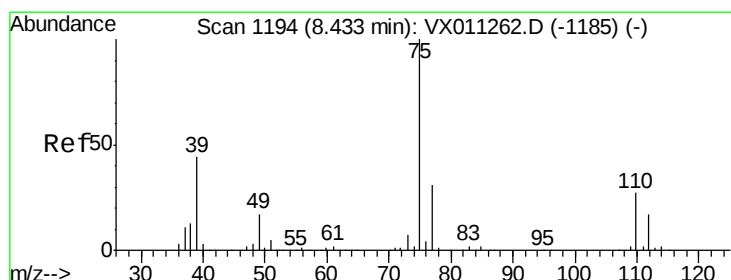
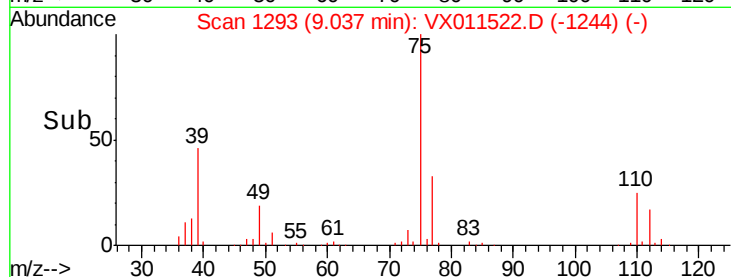
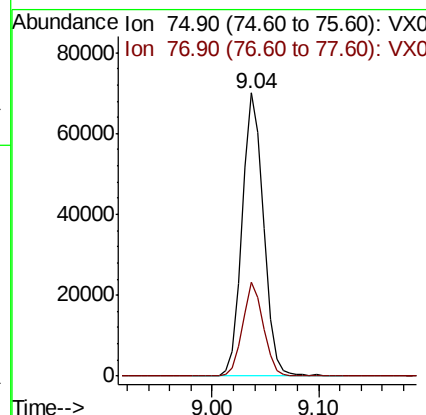
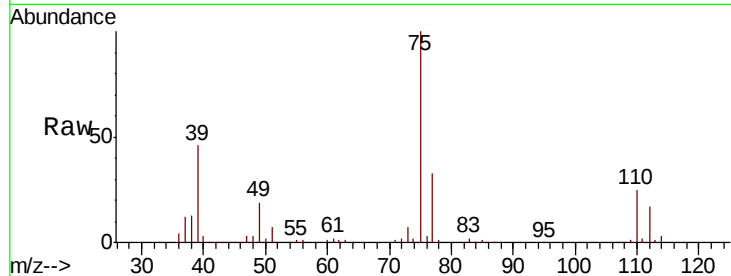




#53
 t-1,3-Dichloropropene
 Concen: 43.583 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

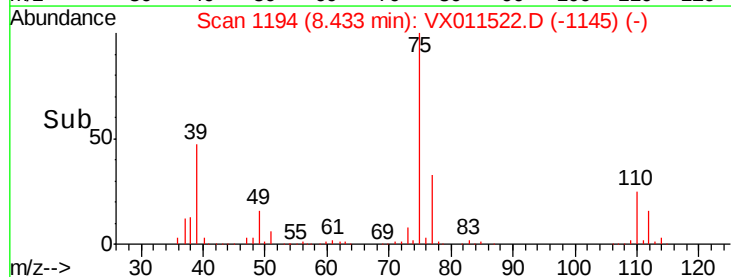
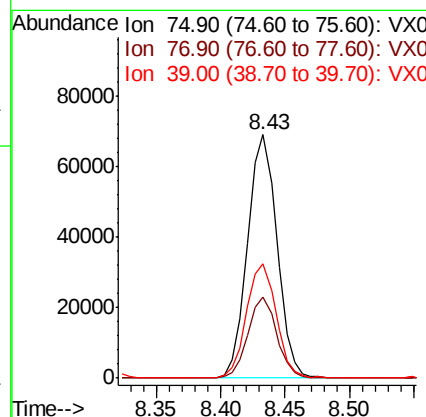
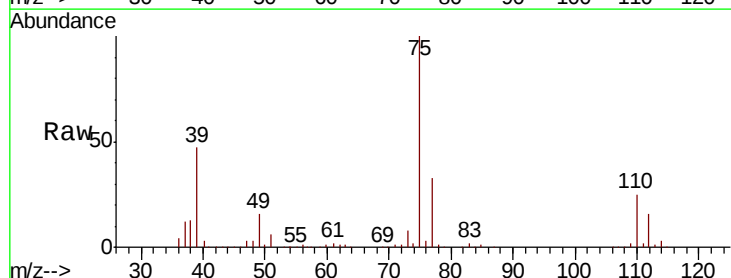
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 99265
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 47.275 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 75 Resp: 108966
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.6
 39 46.9 35.3 52.9

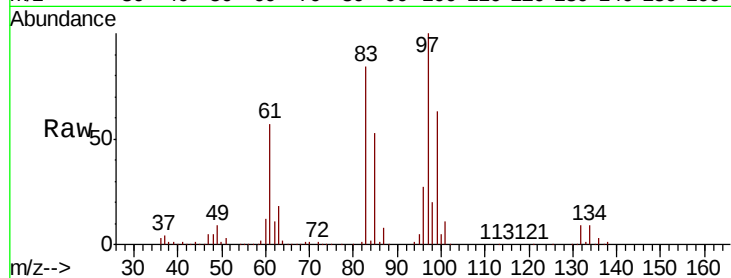




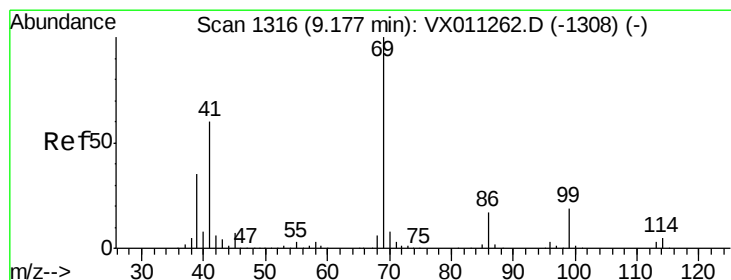
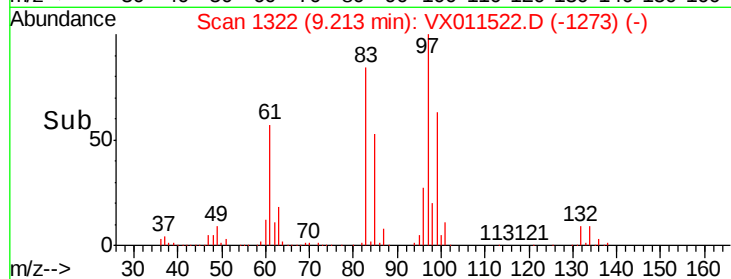
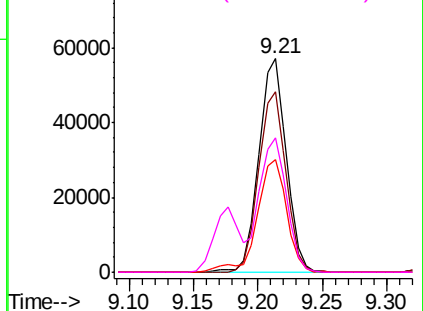
#55
 1,1,2-Trichloroethane
 Concen: 49.779 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	83418
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.6	101.4
85	52.9	43.4	65.0
99	62.7	49.6	74.4

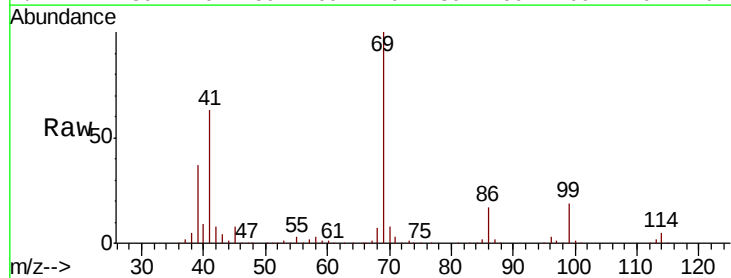


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

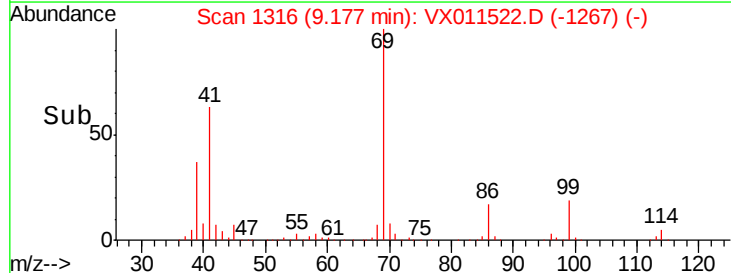
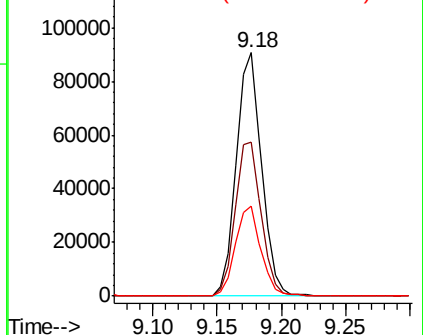


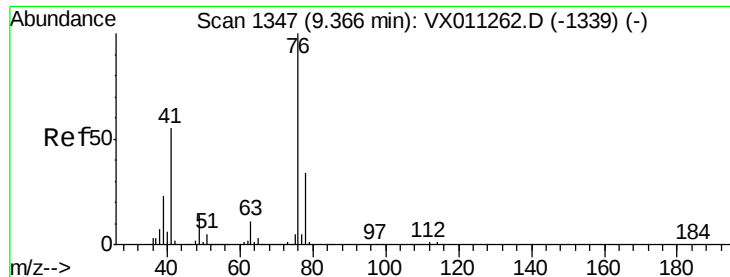
#56
 Ethyl methacrylate
 Concen: 52.057 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion:	69	Resp:	124315
Ion	Ratio	Lower	Upper
69	100		
41	65.3	48.6	73.0
39	37.0	29.4	44.2



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

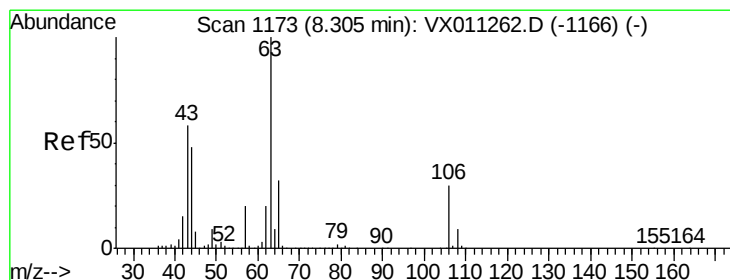
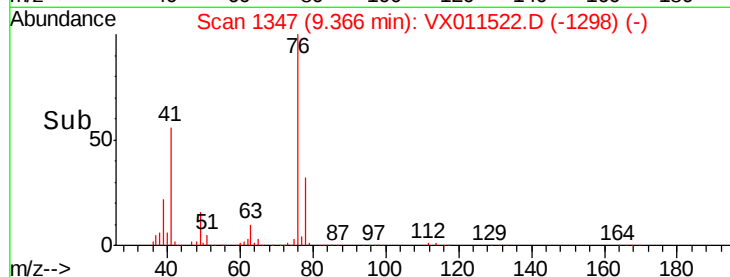
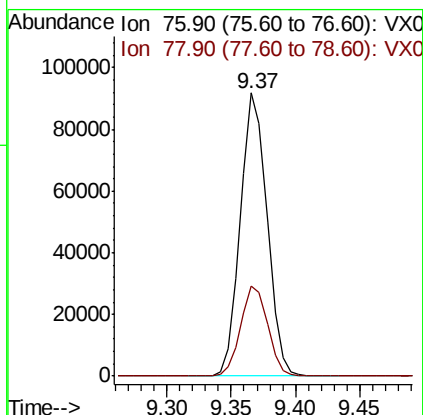
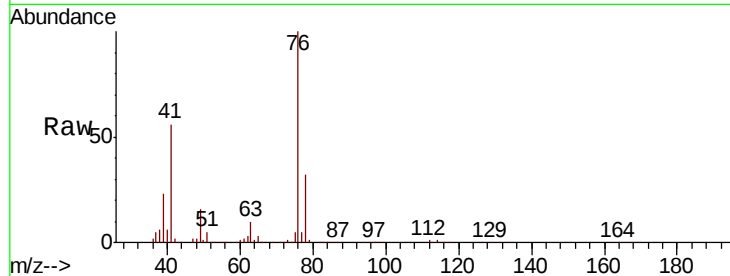




#57
 1,3-Dichloropropane
 Concen: 49.722 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

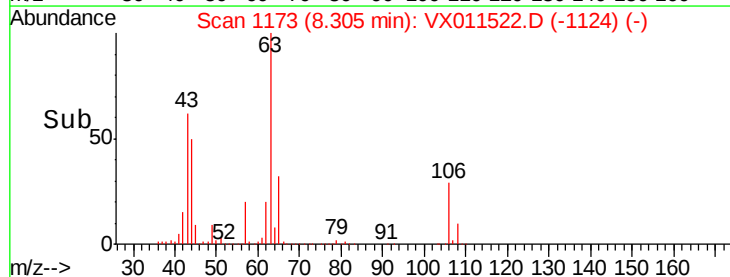
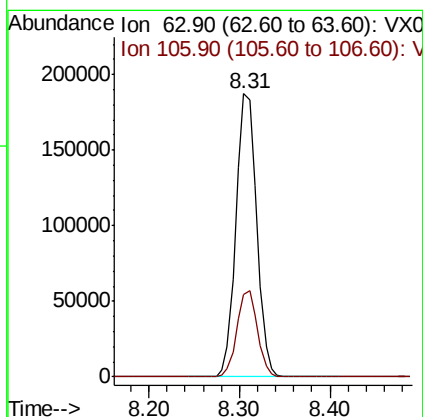
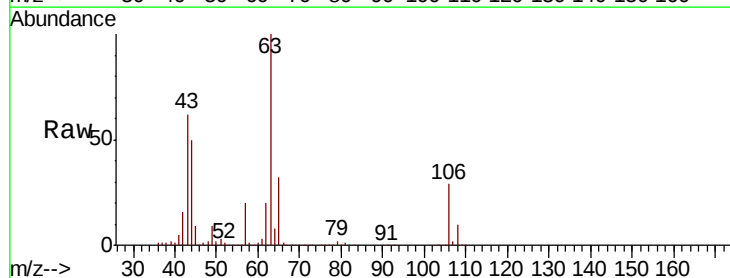
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

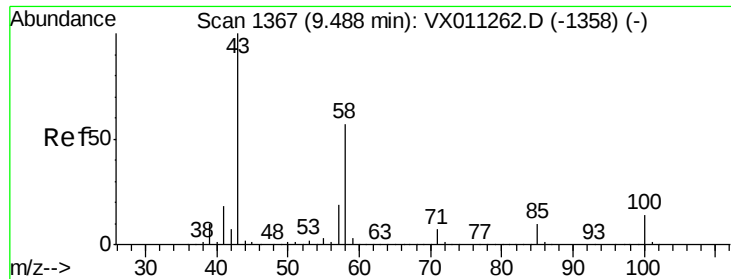
Tgt Ion: 76 Resp: 131773
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.610 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 63 Resp: 297786
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.4 36.6

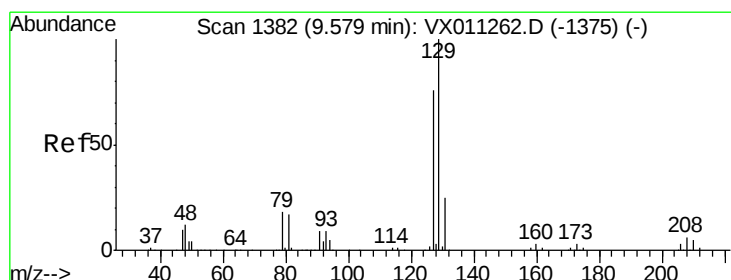
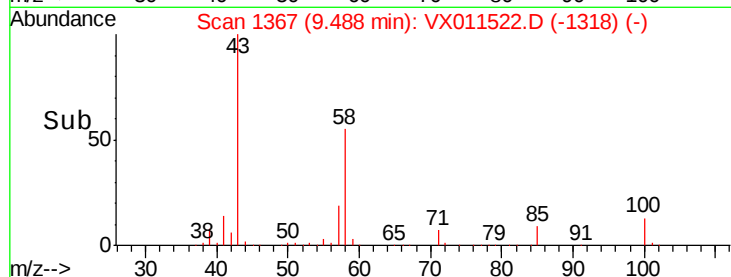
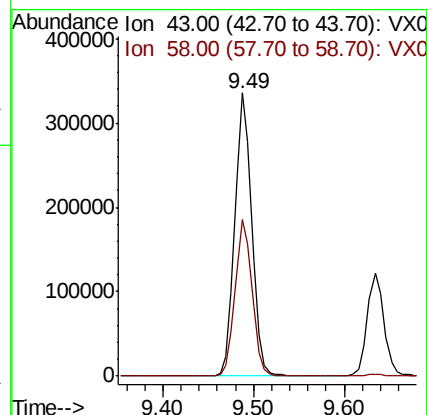
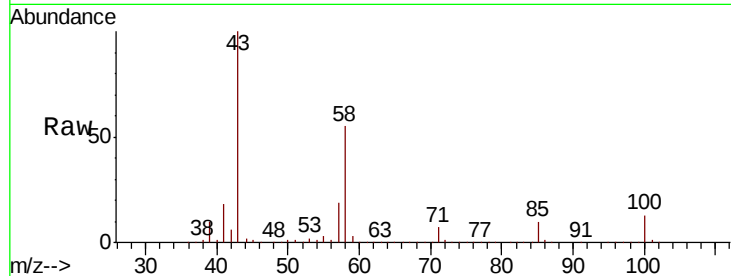




#59
2-Hexanone
Concen: 262.871 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

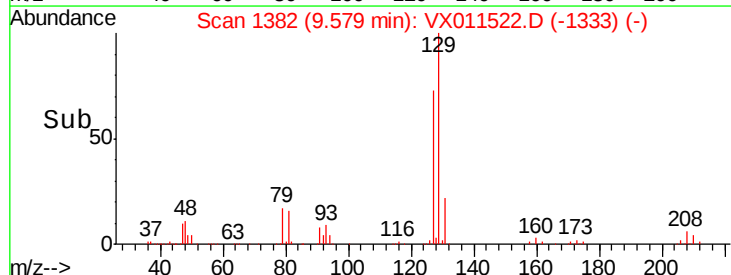
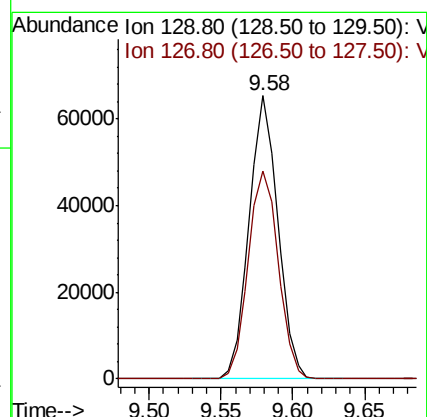
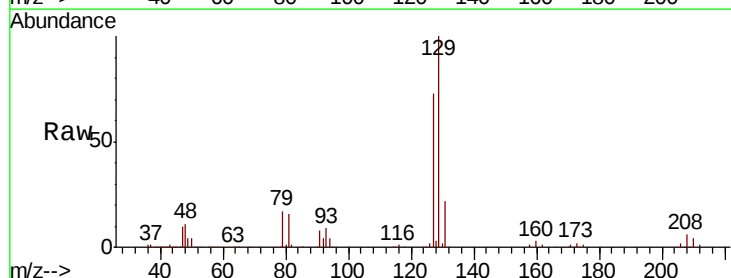
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

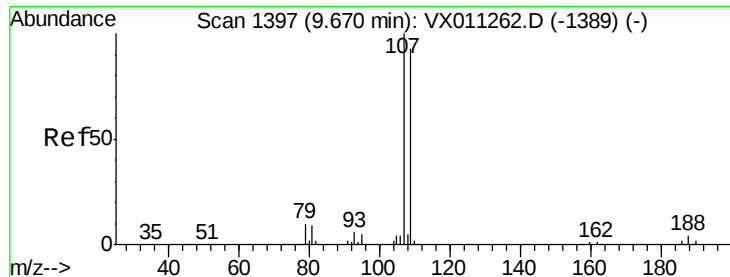
Tgt Ion: 43 Resp: 435318
Ion Ratio Lower Upper
43 100
58 55.6 28.2 84.6



#60
Dibromochloromethane
Concen: 52.769 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

Tgt Ion: 129 Resp: 90534
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

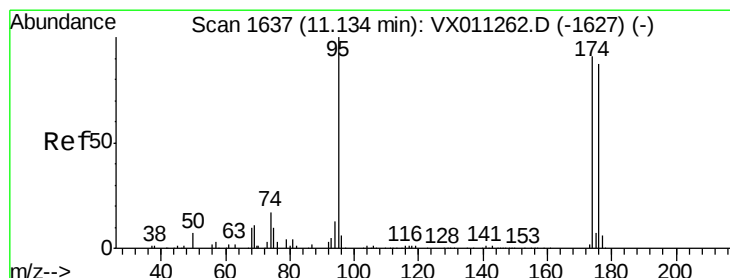
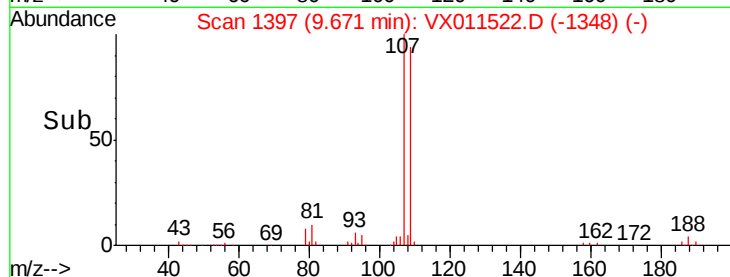
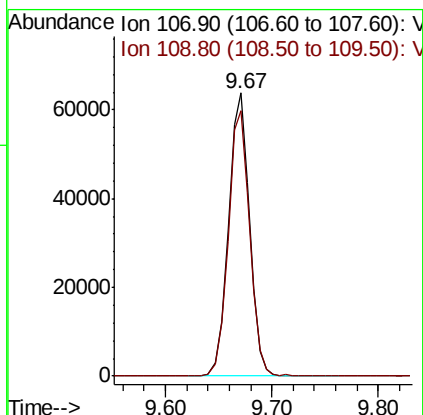
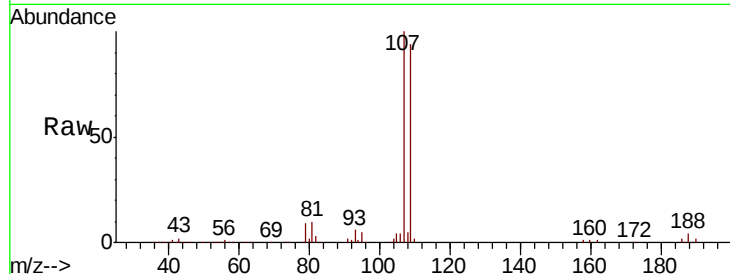




#61
 1,2-Dibromoethane
 Concen: 48.816 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

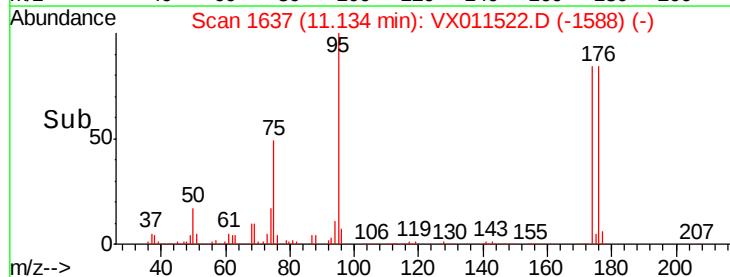
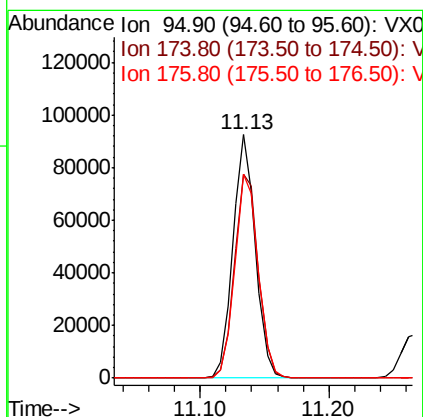
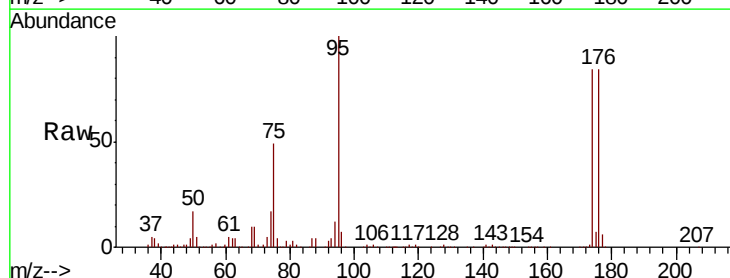
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

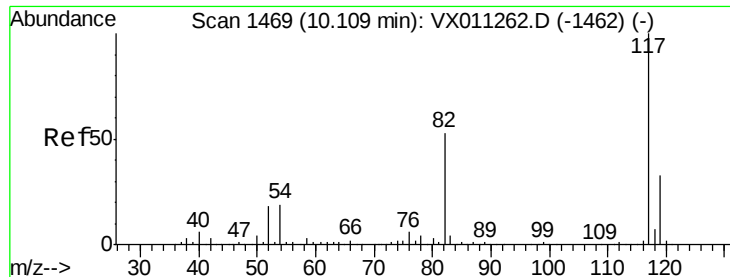
Tgt Ion: 107 Resp: 88382
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 54.165 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 95 Resp: 112761
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 191.2
 176 86.9 0.0 184.8

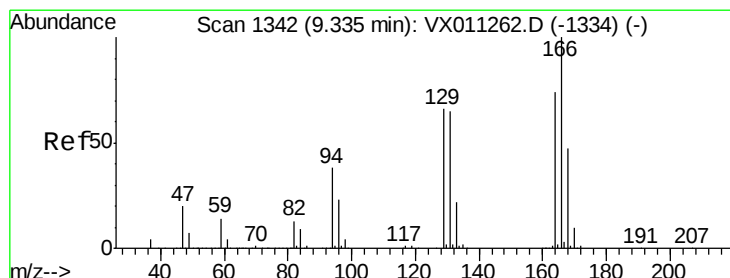
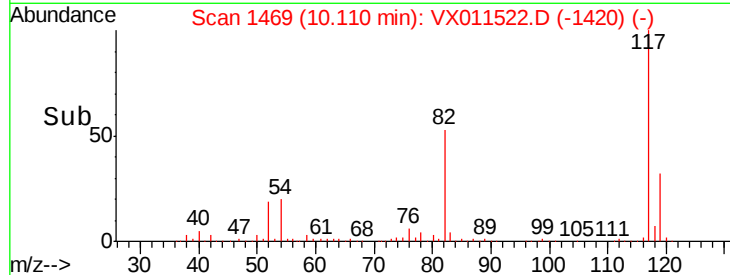
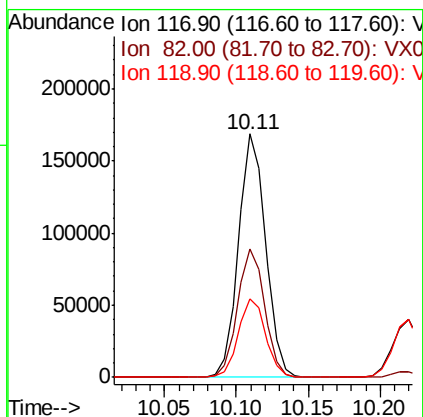
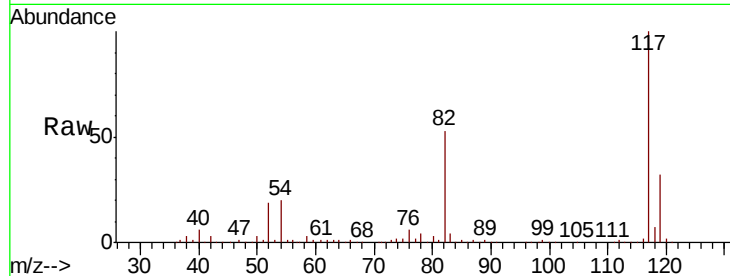




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

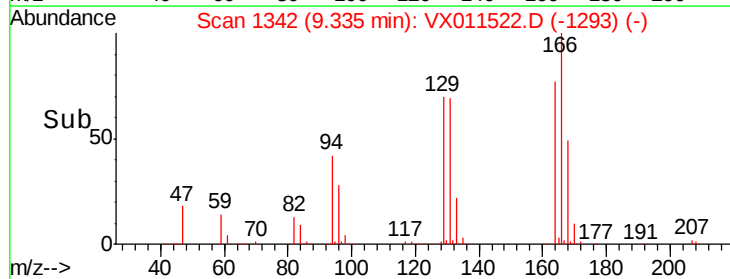
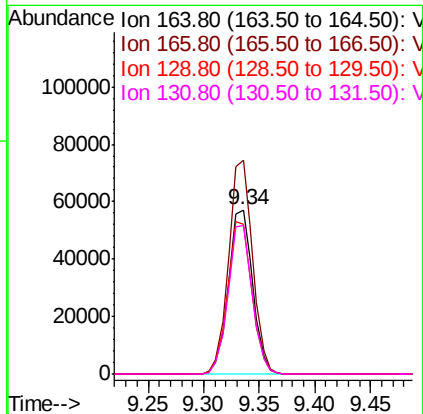
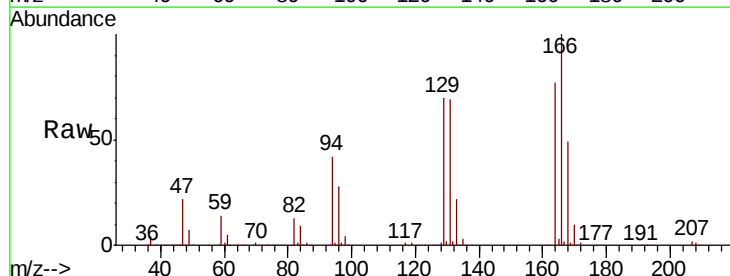
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

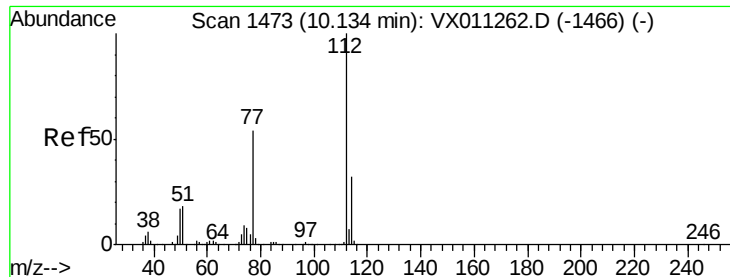
Tgt Ion:117 Resp: 221341
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 45.632 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

Tgt Ion:164 Resp: 85775
Ion Ratio Lower Upper
164 100
166 130.2 107.5 161.3
129 91.0 71.0 106.4
131 90.2 69.8 104.6

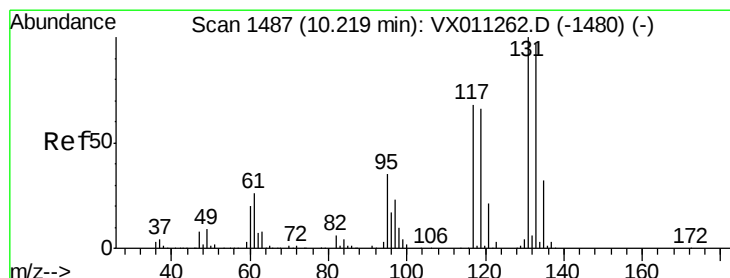
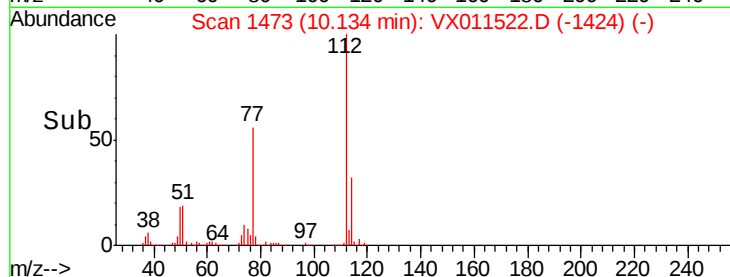
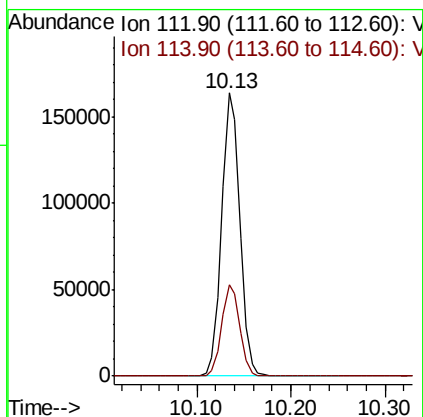
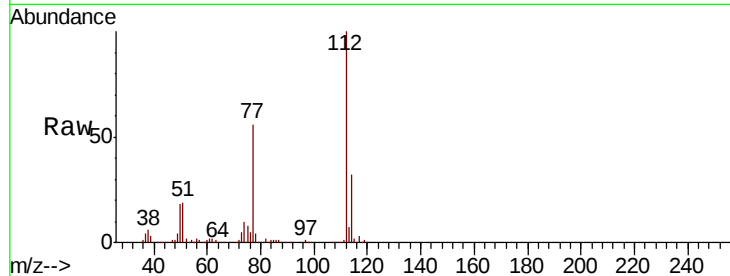




#65
Chlorobenzene
Concen: 46.161 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

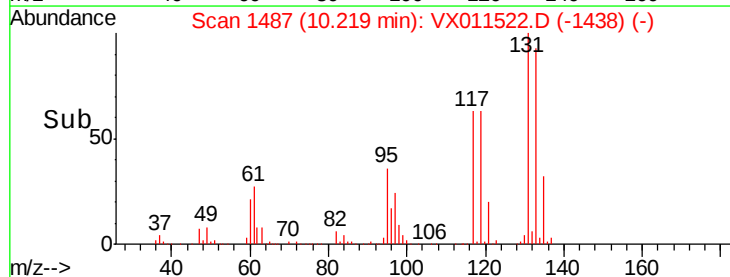
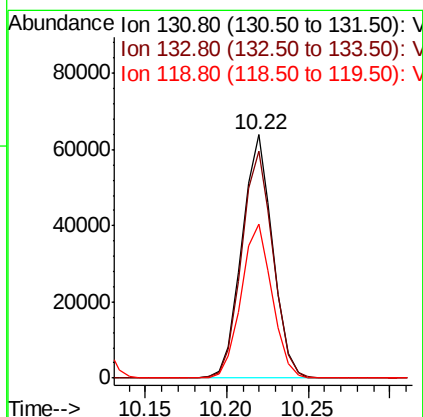
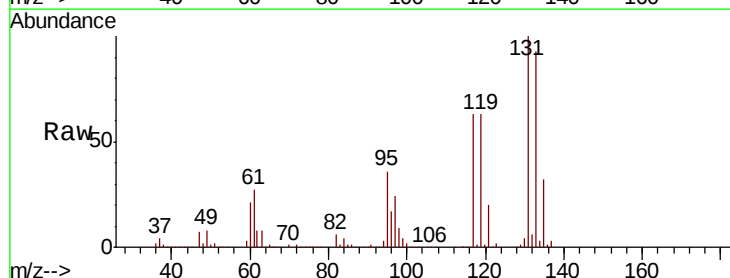
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

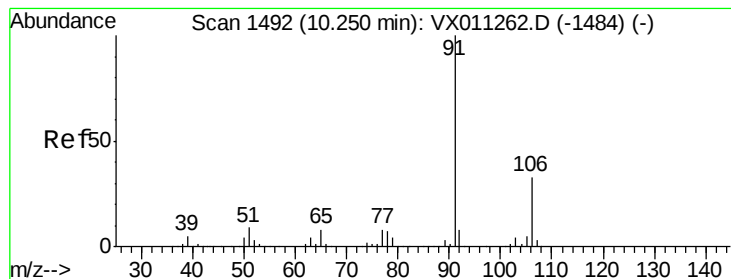
Tgt Ion:112 Resp: 219072
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.598 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

Tgt Ion:131 Resp: 83835
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 63.7 32.8 98.3





#67

Ethyl Benzene

Concen: 48.448 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

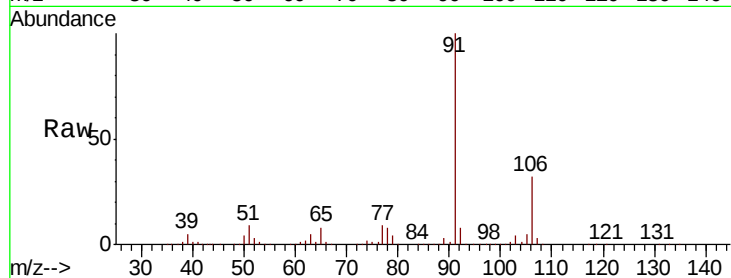
VSTDCCC050EC

Tgt Ion: 91 Resp: 385072

Ion Ratio Lower Upper

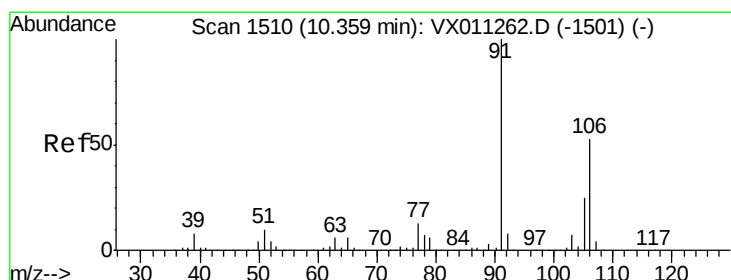
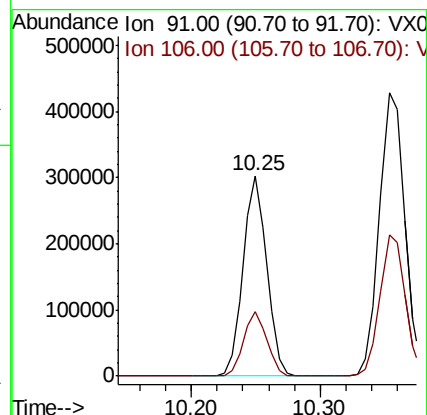
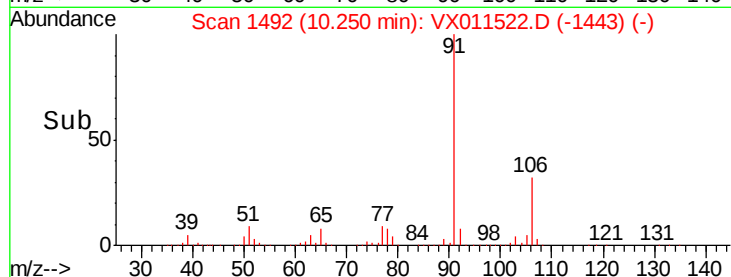
91 100

106 31.9 26.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VX011522.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX011522.D (-1443) (-)



#68

m/p-Xylenes

Concen: 93.911 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011522.D

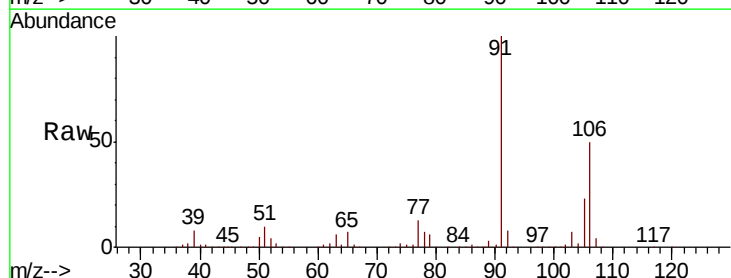
Acq: 13 Aug 2019 07:04

Tgt Ion: 106 Resp: 288712

Ion Ratio Lower Upper

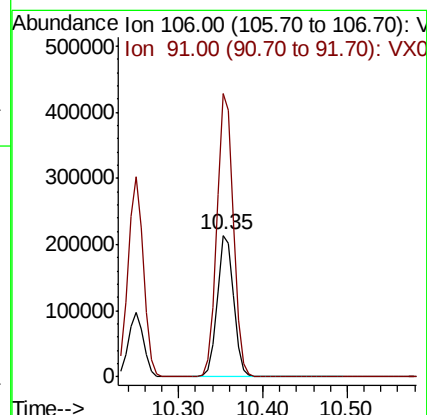
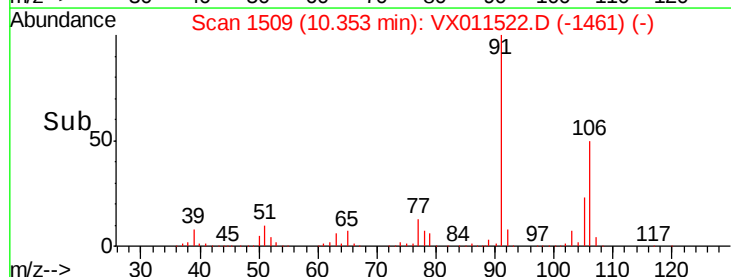
106 100

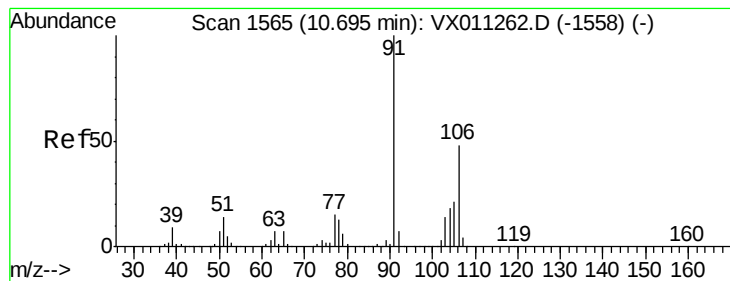
91 201.6 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VX011522.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX011522.D (-1461) (-)





#69

o-Xylene

Concen: 47.124 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

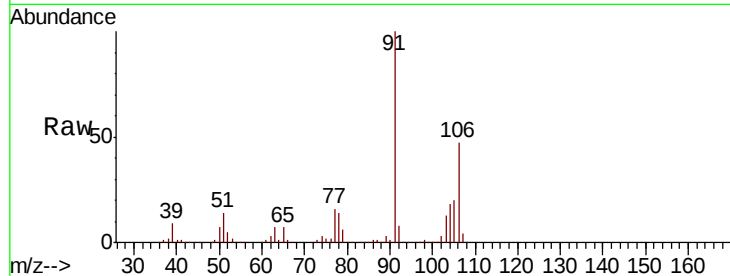
VSTDCCC050EC

Tgt Ion:106 Resp: 142344

Ion Ratio Lower Upper

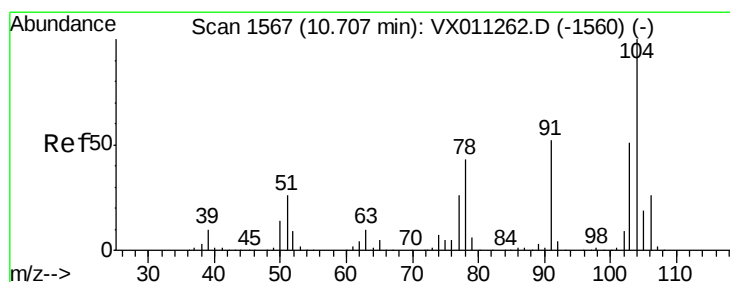
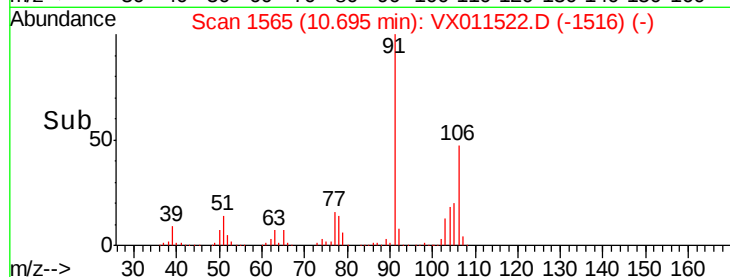
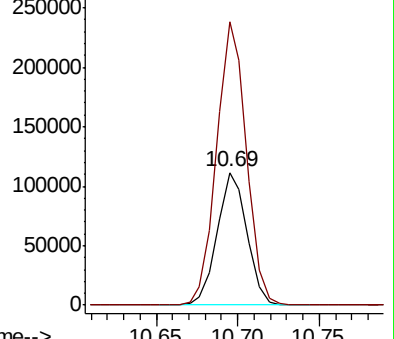
106 100

91 213.7 103.8 311.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 49.583 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

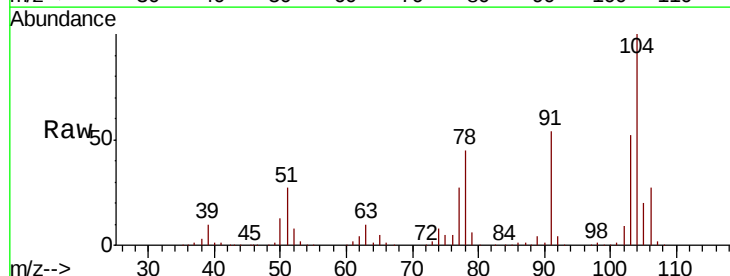
Tgt Ion:104 Resp: 247818

Ion Ratio Lower Upper

104 100

78 48.8 36.9 55.3

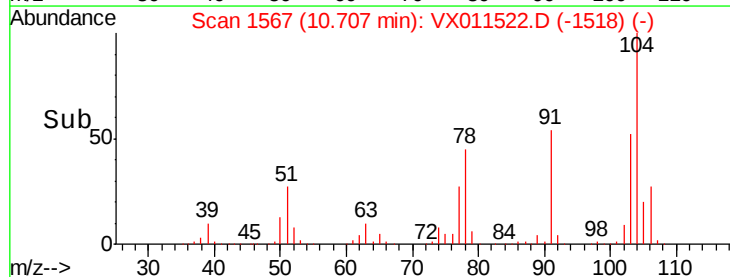
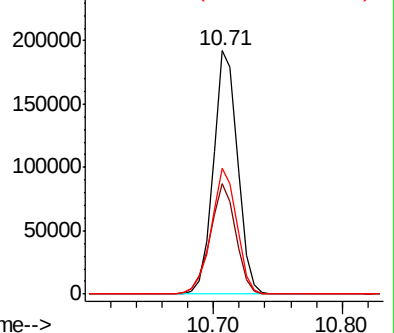
103 54.9 44.4 66.6

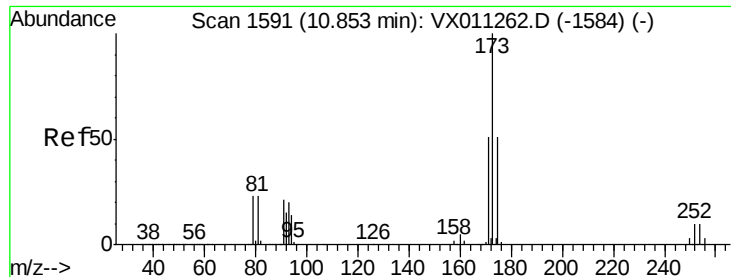


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 46.309 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

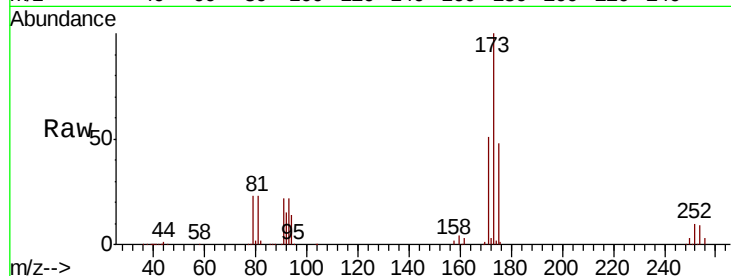
Tgt Ion:173 Resp: 66952

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

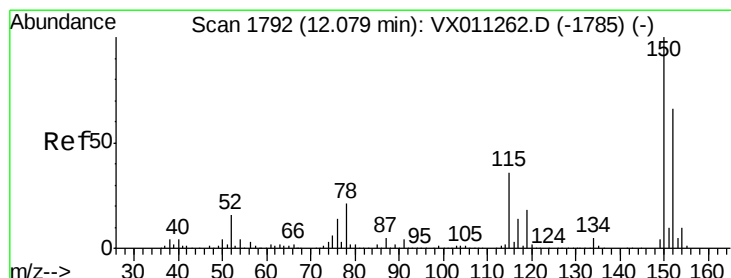
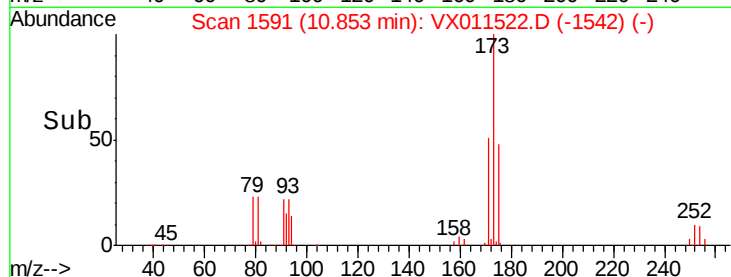
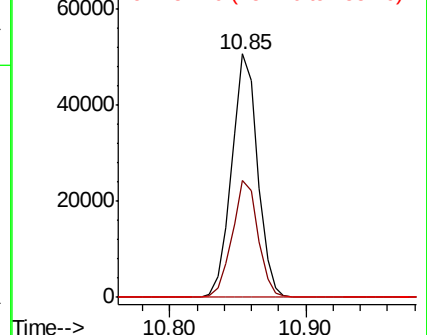
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

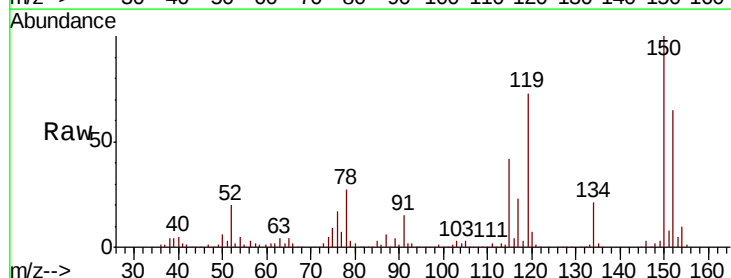
Tgt Ion:152 Resp: 116428

Ion Ratio Lower Upper

152 100

115 79.5 40.0 119.9

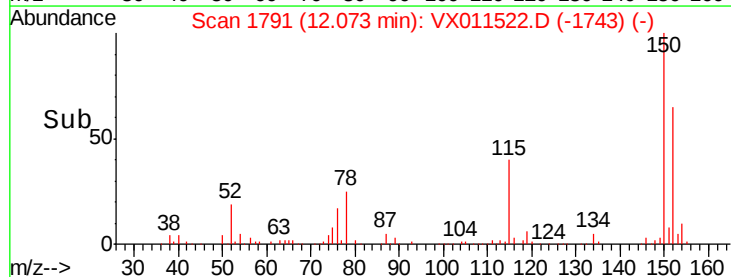
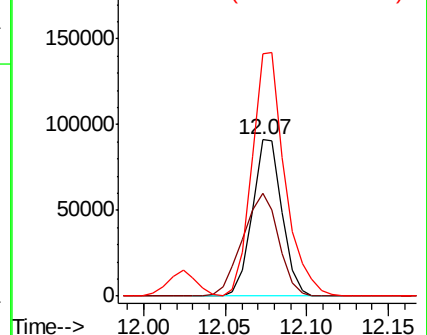
150 171.6 0.0 350.4

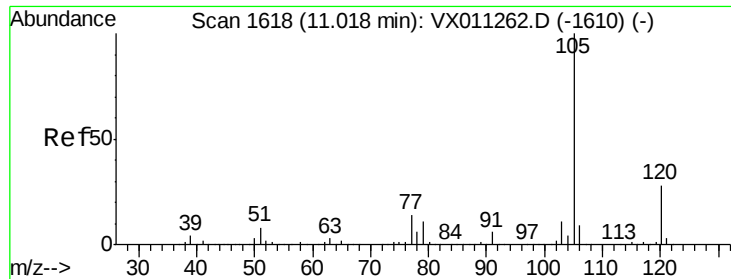


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.976 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

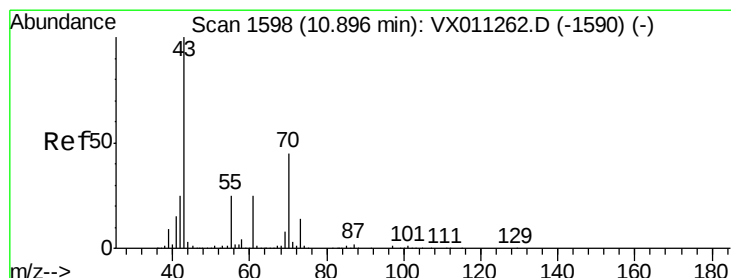
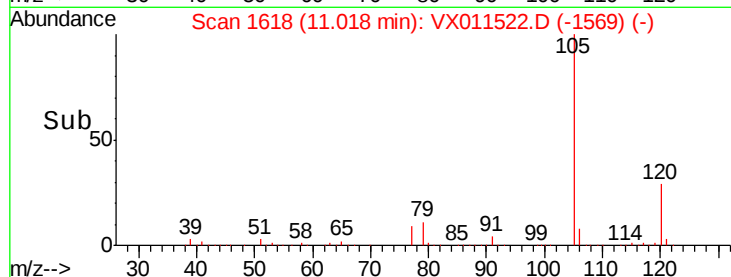
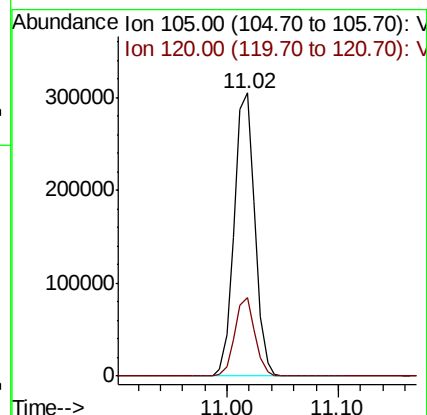
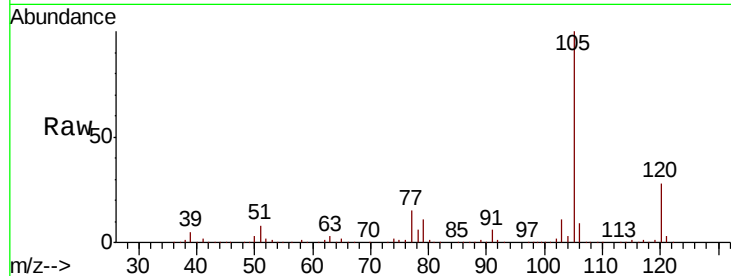
VSTDCCC050EC

Tgt Ion: 105 Resp: 389990

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.1



#74

N-ethyl acetate

Concen: 52.755 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Tgt Ion: 43 Resp: 151789

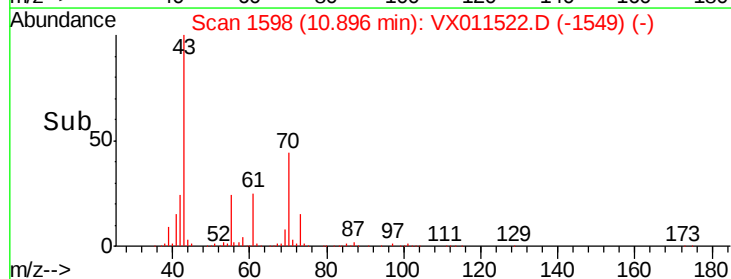
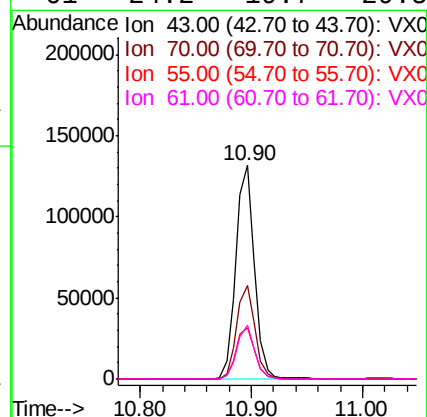
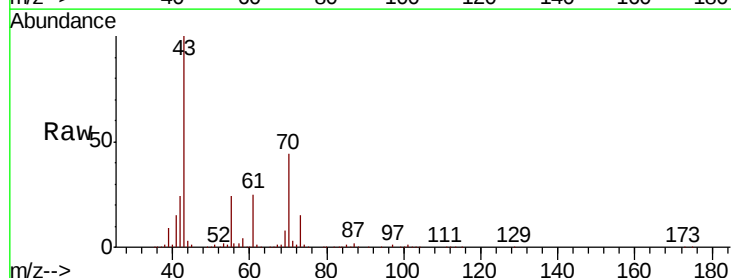
Ion Ratio Lower Upper

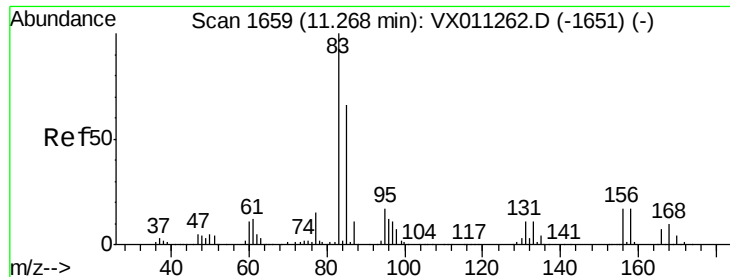
43 100

70 43.6 35.9 53.9

55 24.6 19.8 29.6

61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.683 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

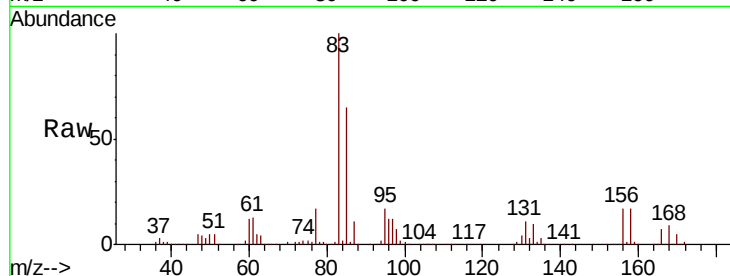
Tgt Ion: 83 Resp: 129185

Ion Ratio Lower Upper

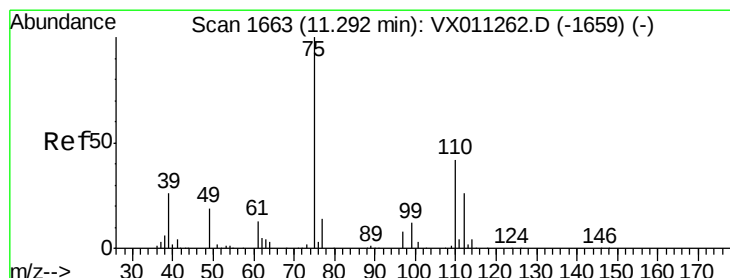
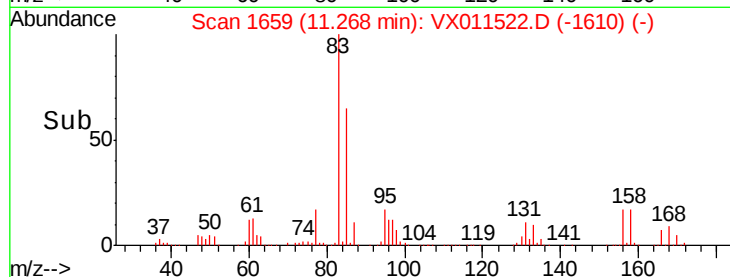
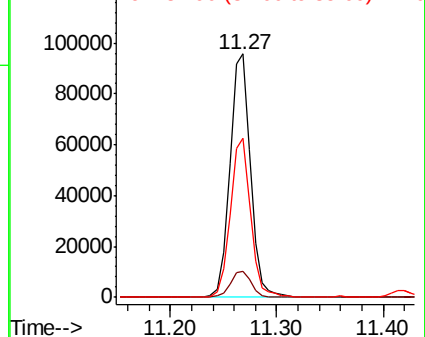
83 100

131 10.9 5.6 16.8

85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.074 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011522.D

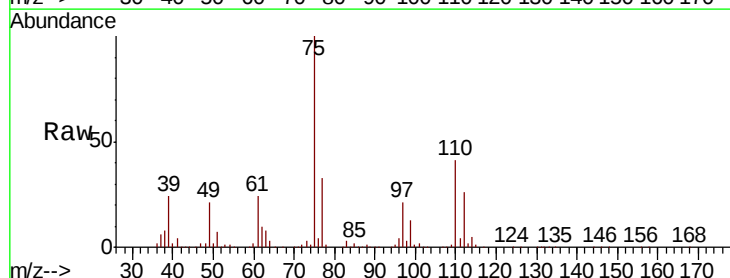
Acq: 13 Aug 2019 07:04

Tgt Ion: 75 Resp: 135855

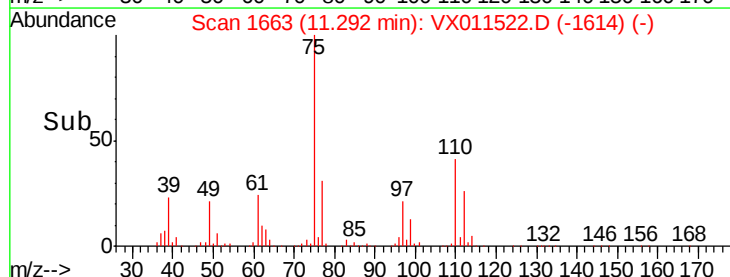
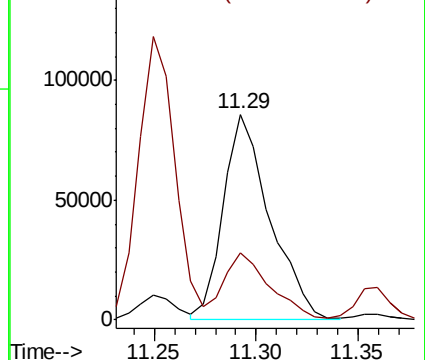
Ion Ratio Lower Upper

75 100

77 32.2 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.972 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

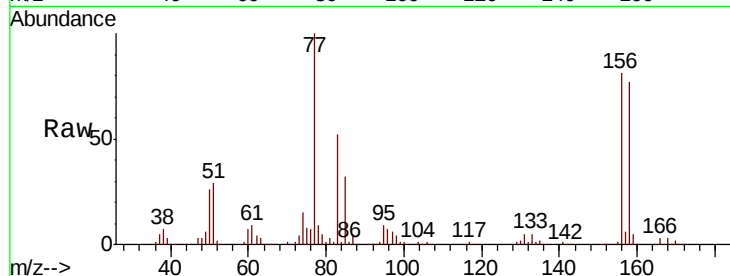
Tgt Ion:156 Resp: 105924

Ion Ratio Lower Upper

156 100

77 139.2 66.2 198.6

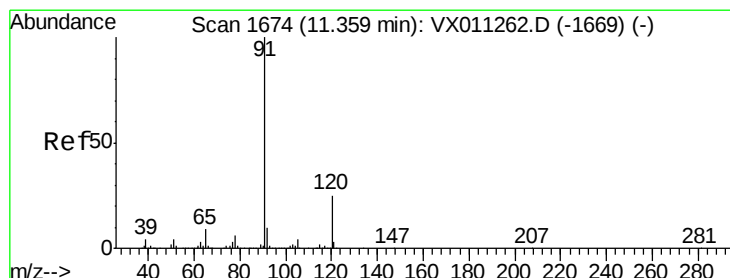
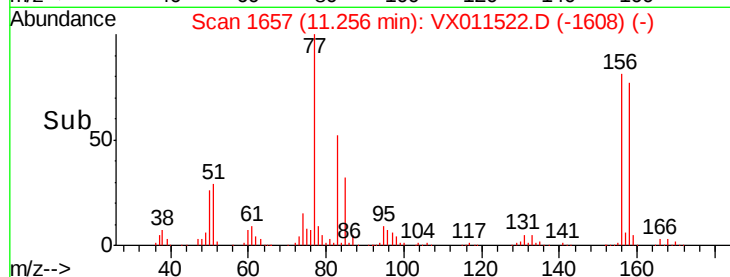
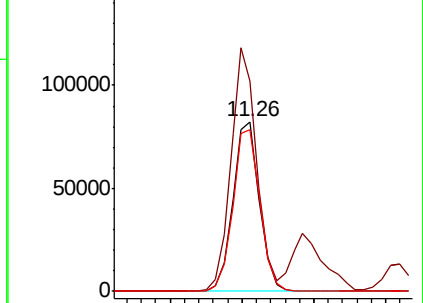
158 97.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.722 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011522.D

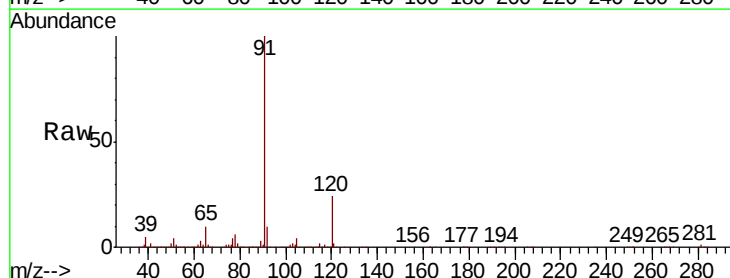
Acq: 13 Aug 2019 07:04

Tgt Ion: 91 Resp: 422591

Ion Ratio Lower Upper

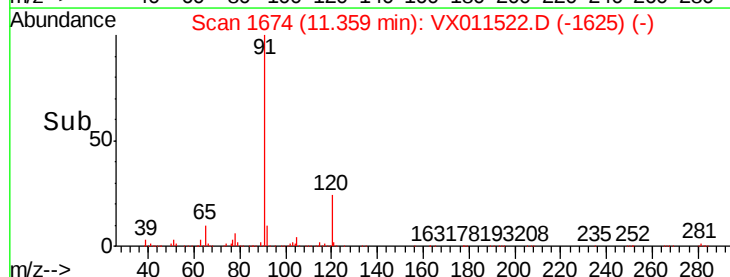
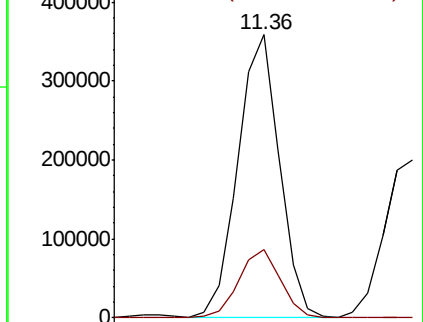
91 100

120 24.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

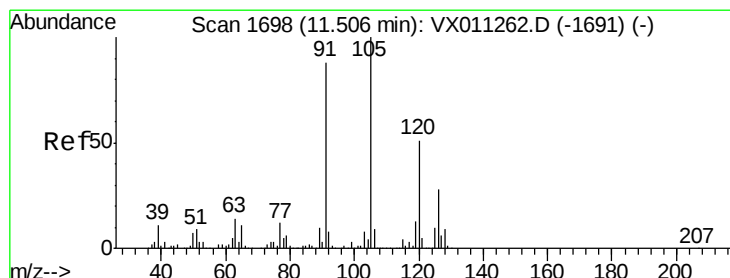
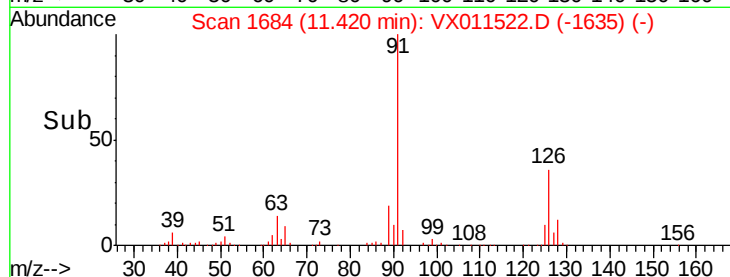
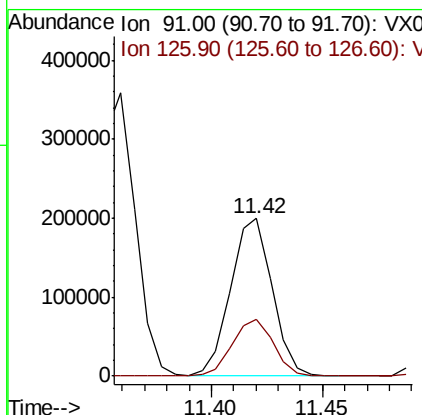
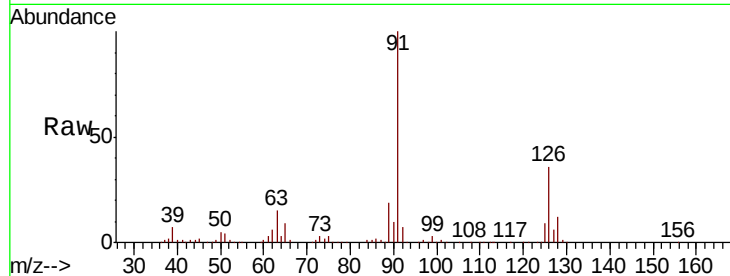




#79
 2-Chlorotoluene
 Concen: 48.969 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

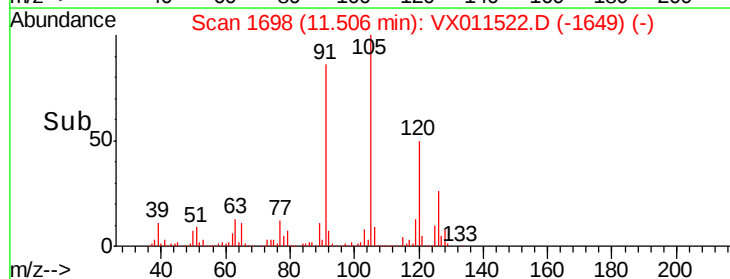
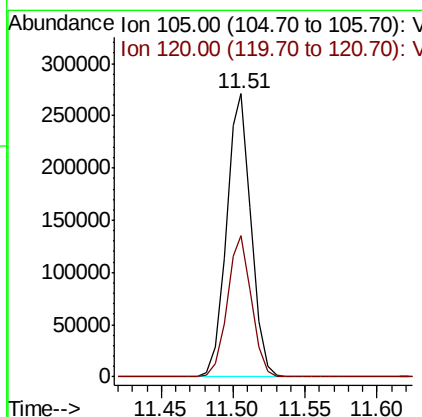
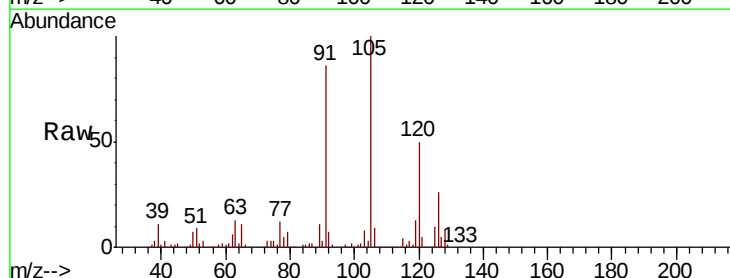
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

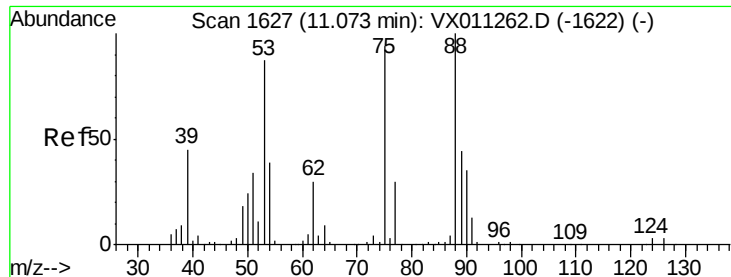
Tgt Ion: 91 Resp: 258459
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 48.632 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 105 Resp: 324166
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 38.709 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

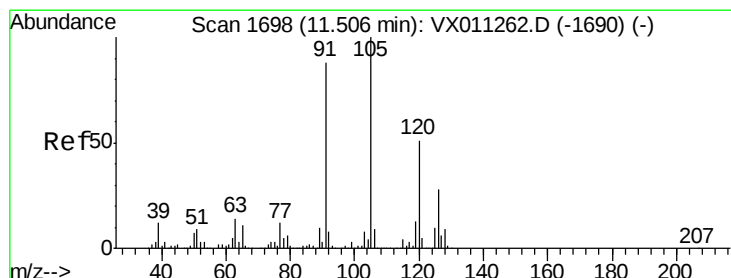
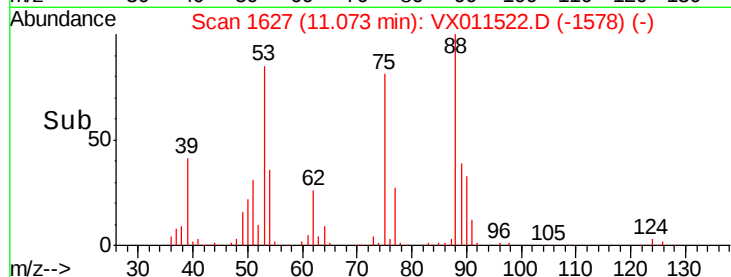
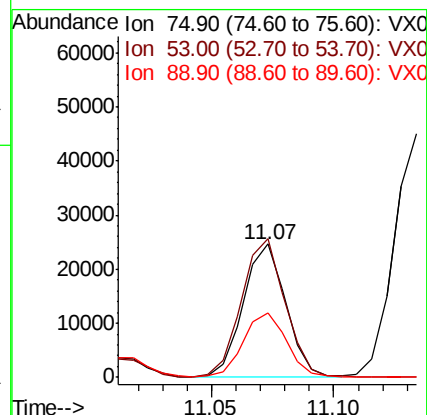
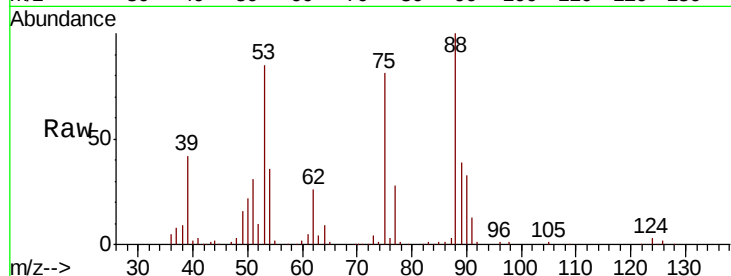
Tgt Ion: 75 Resp: 29844

Ion Ratio Lower Upper

75 100

53 106.1 78.2 117.4

89 49.1 37.9 56.9



#82

4-Chlorotoluene

Concen: 48.496 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011522.D

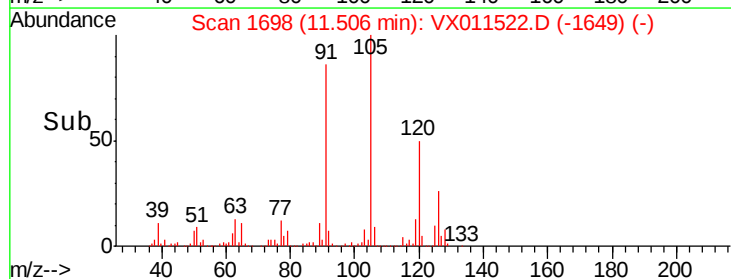
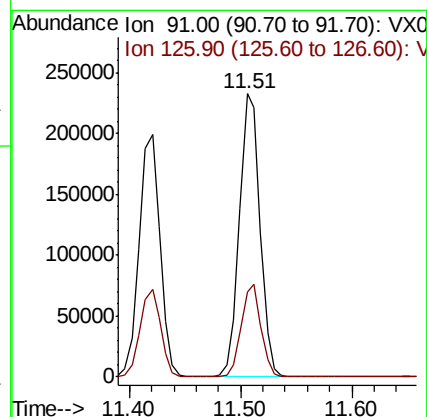
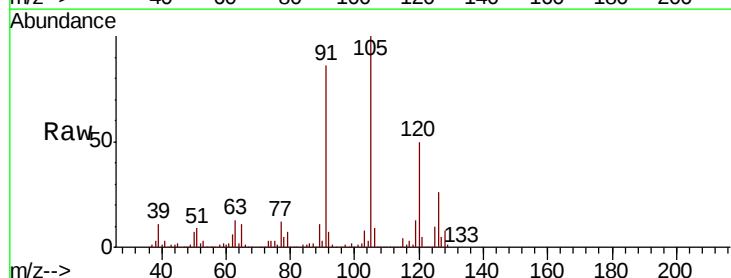
Acq: 13 Aug 2019 07:04

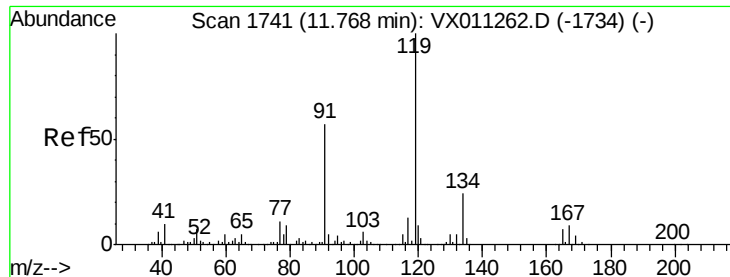
Tgt Ion: 91 Resp: 298304

Ion Ratio Lower Upper

91 100

126 31.6 16.4 49.2

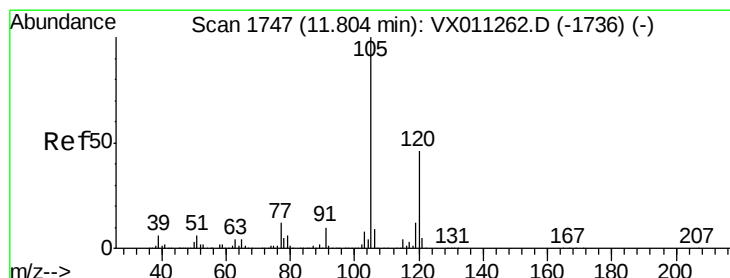
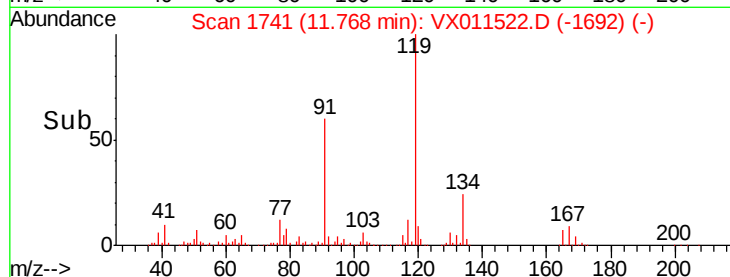
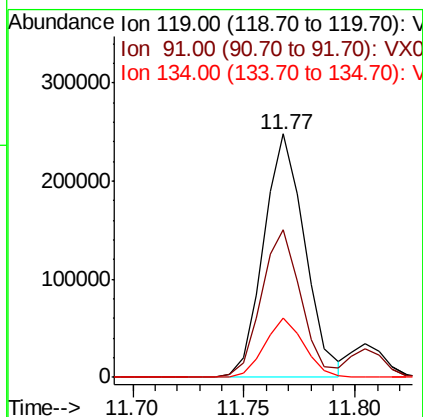
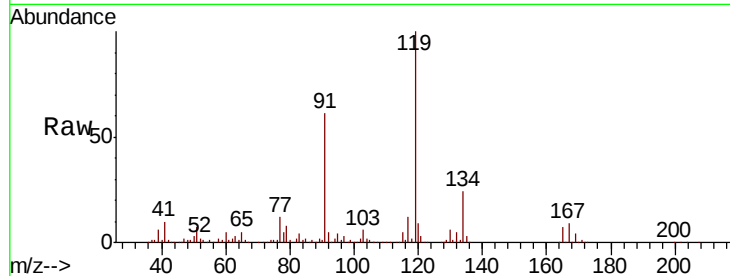




#83
 tert-Butylbenzene
 Concen: 48.803 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

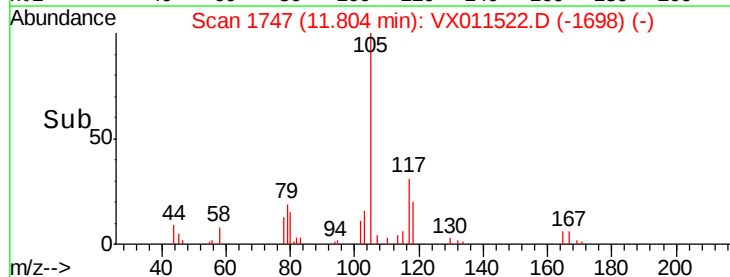
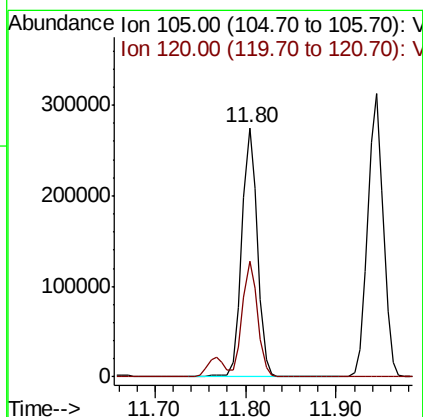
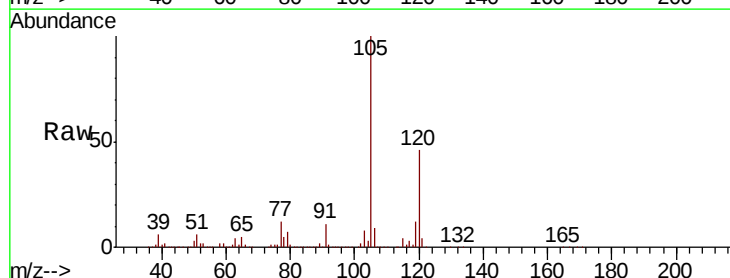
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

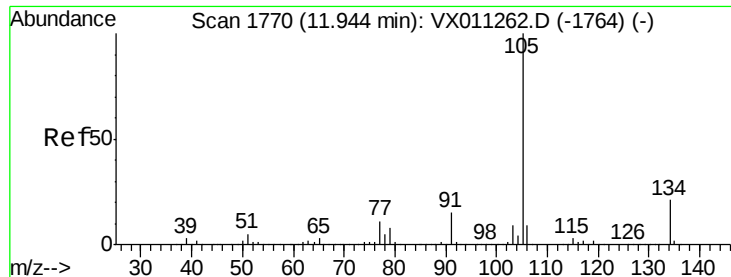
Tgt Ion:119 Resp: 319056
 Ion Ratio Lower Upper
 119 100
 91 58.8 28.0 84.0
 134 23.2 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.166 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion:105 Resp: 326298
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 47.496 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

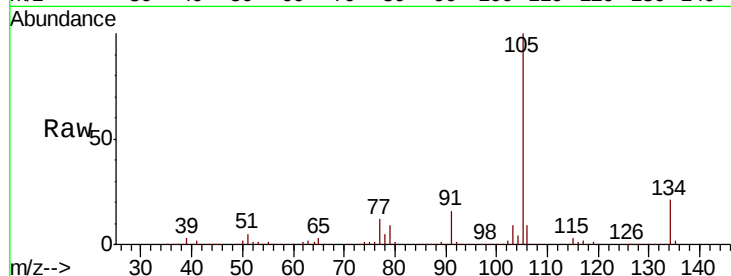
VSTDCCC050EC

Tgt Ion:105 Resp: 373063

Ion Ratio Lower Upper

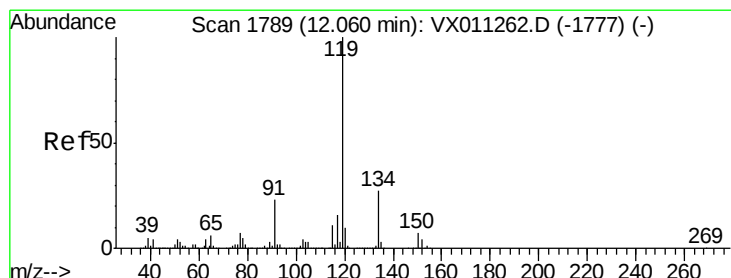
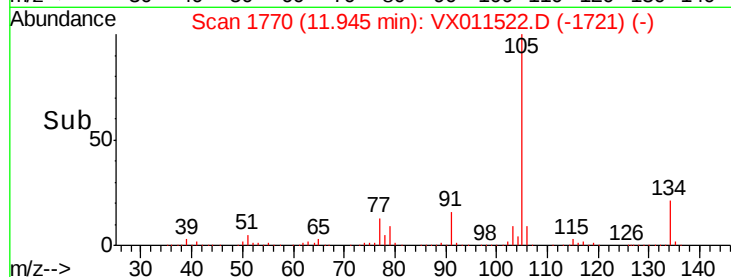
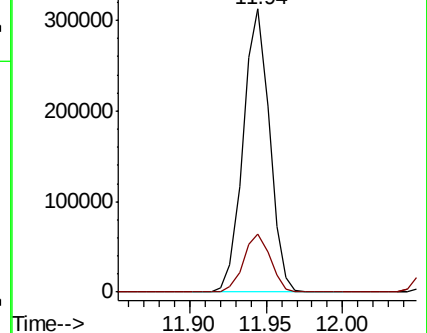
105 100

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: 47.622 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

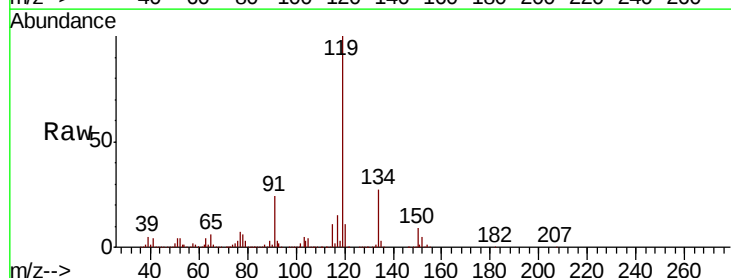
Tgt Ion:119 Resp: 344121

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

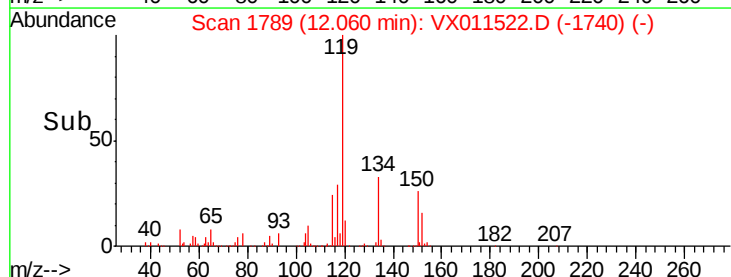
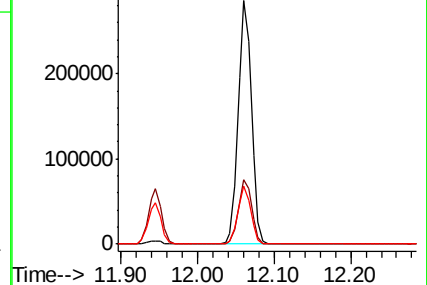
91 23.3 11.4 34.2

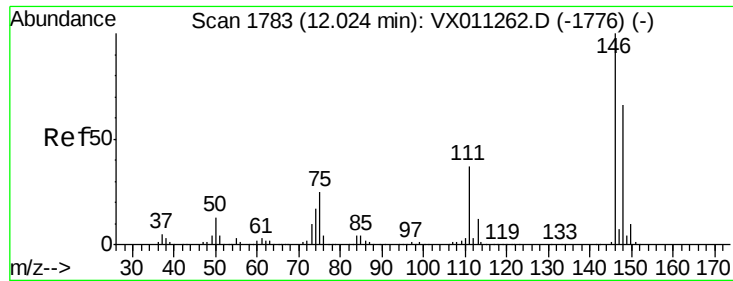


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 46.235 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

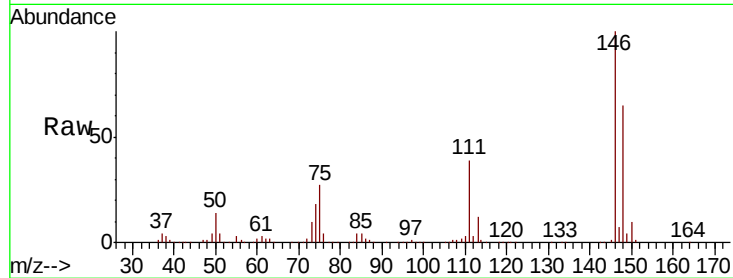
Tgt Ion:146 Resp: 180382

Ion Ratio Lower Upper

146 100

111 39.0 18.6 55.8

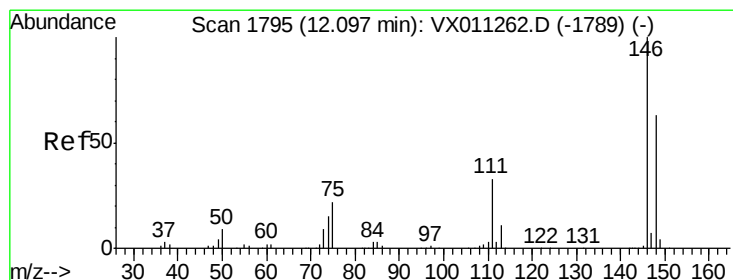
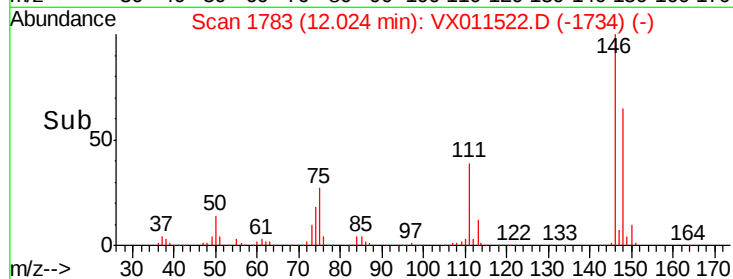
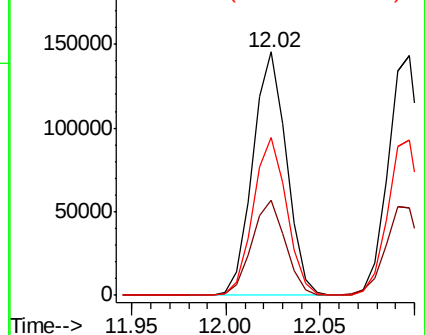
148 64.3 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 44.948 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

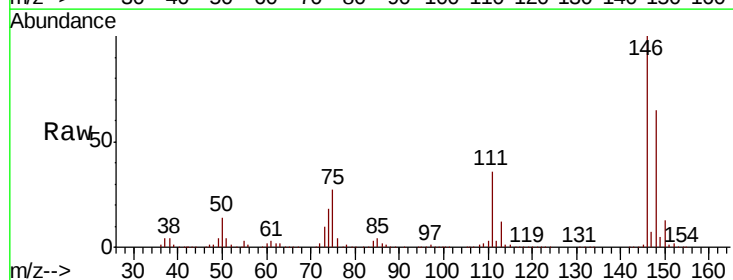
Tgt Ion:146 Resp: 180825

Ion Ratio Lower Upper

146 100

111 38.3 17.8 53.4

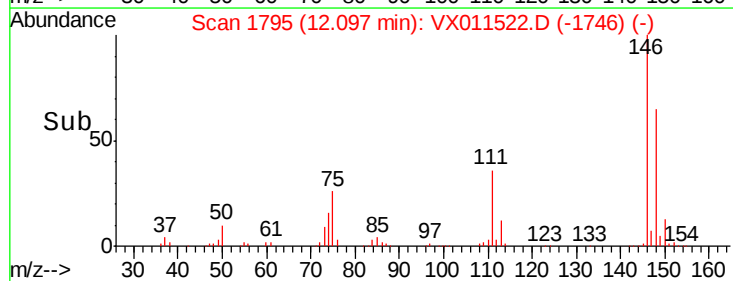
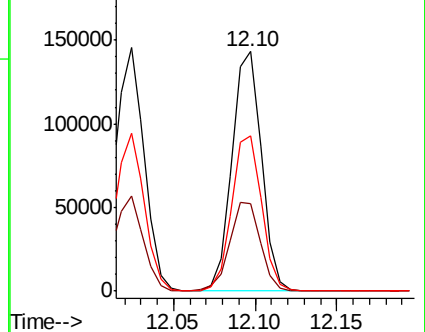
148 65.3 31.8 95.3

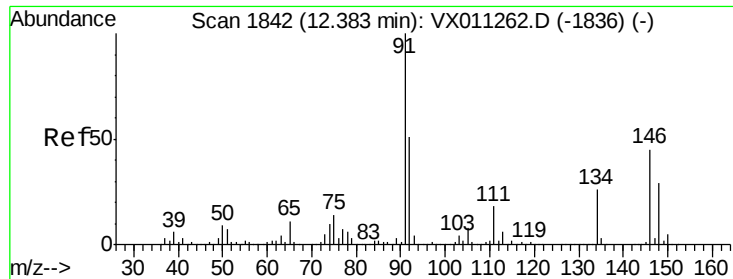


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

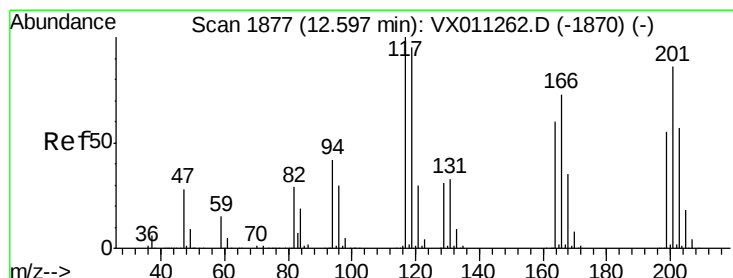
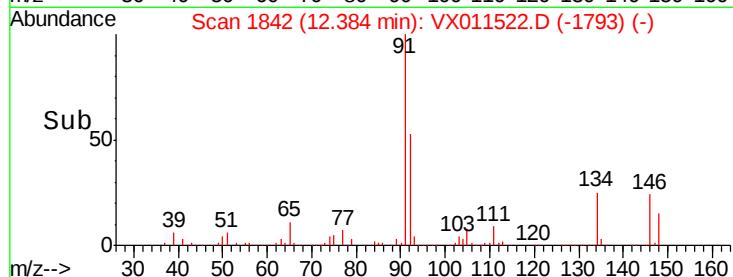
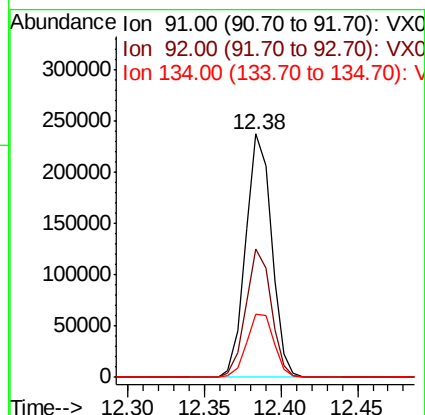
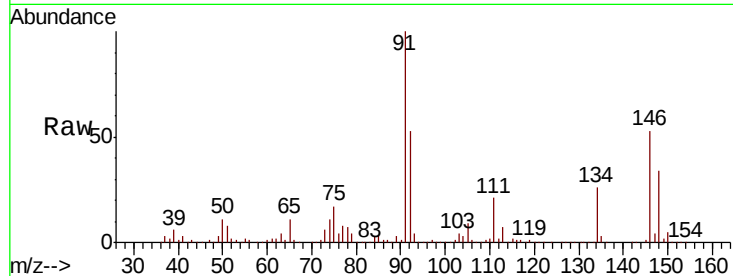




#89
n-Butylbenzene
Concen: 44.800 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

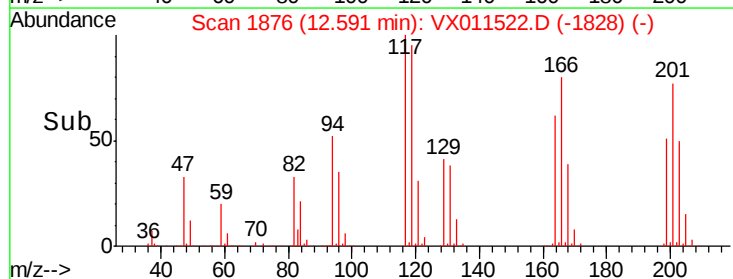
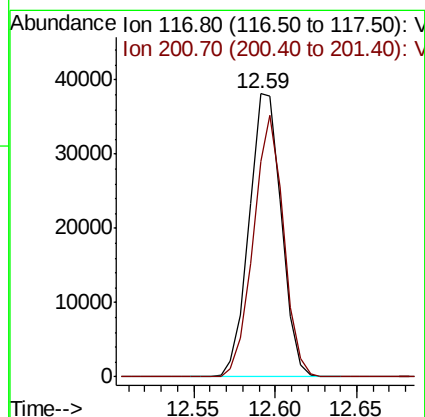
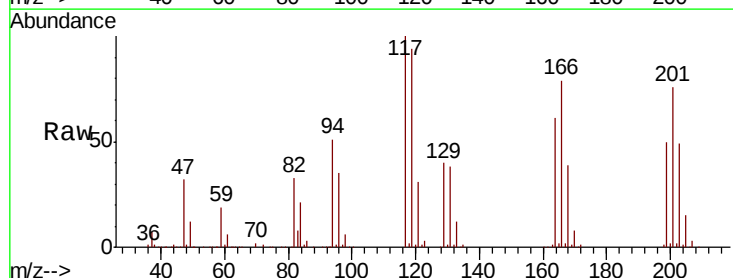
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

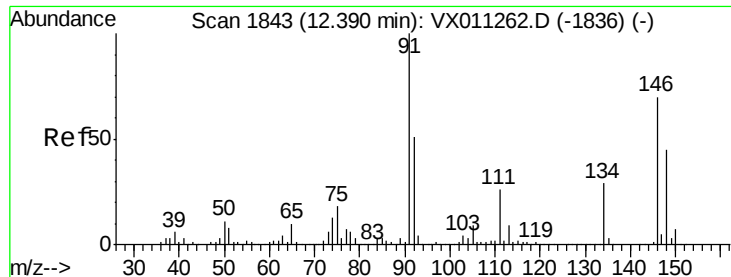
Tgt Ion: 91 Resp: 278898
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 49.348 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

Tgt Ion: 117 Resp: 52719
Ion Ratio Lower Upper
117 100
201 86.0 41.8 125.4

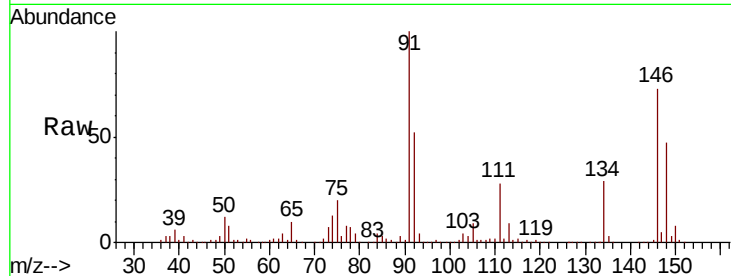




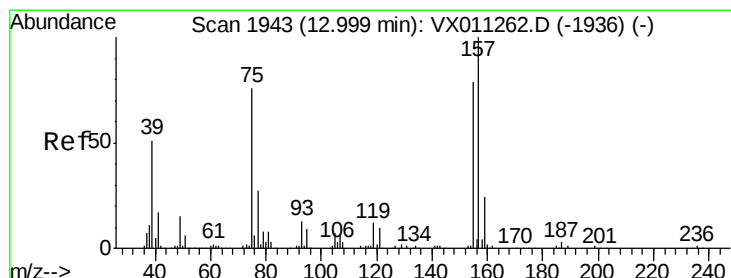
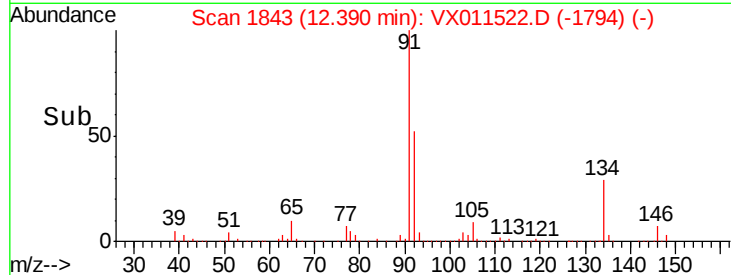
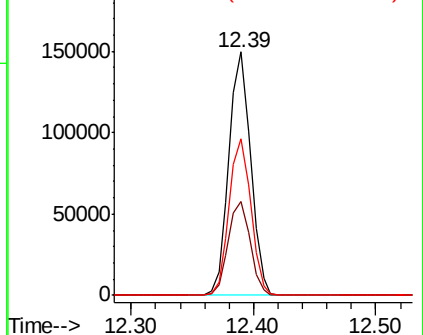
#91
 1,2-Dichlorobenzene
 Concen: 46.939 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 184004
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.1
 148 64.4 32.3 96.8

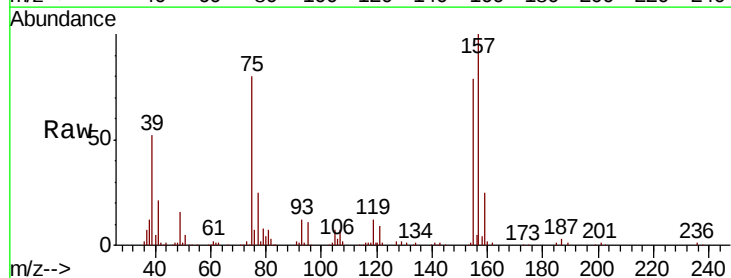


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

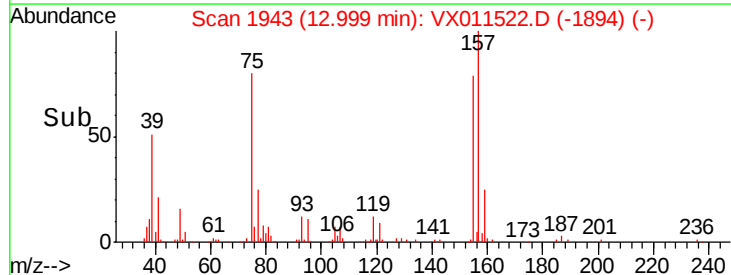
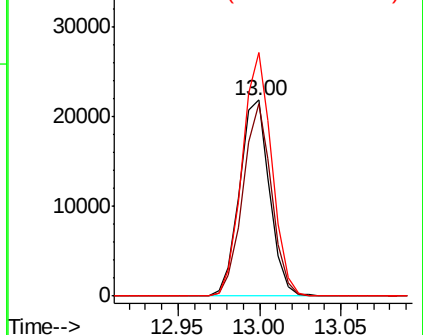


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.486 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion: 75 Resp: 28012
 Ion Ratio Lower Upper
 75 100
 155 93.6 51.9 155.8
 157 122.5 64.3 192.7



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

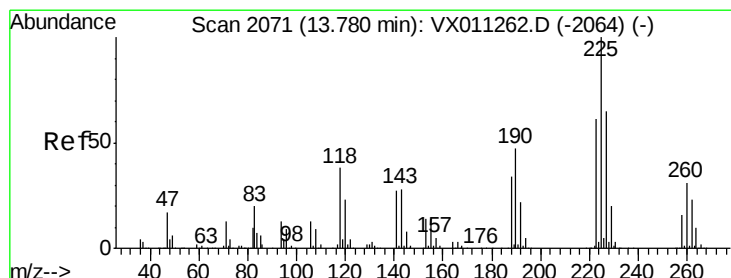
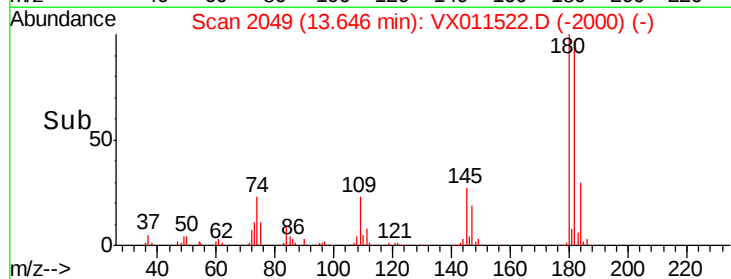
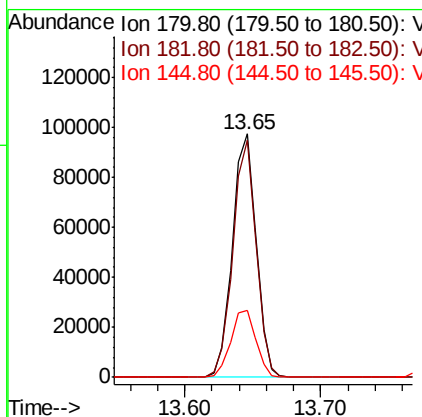
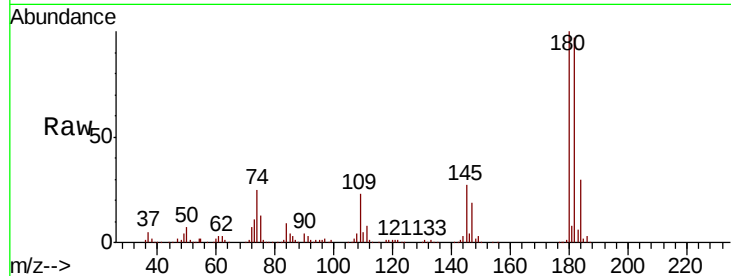




#93
 1,2,4-Trichlorobenzene
 Concen: 45.762 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

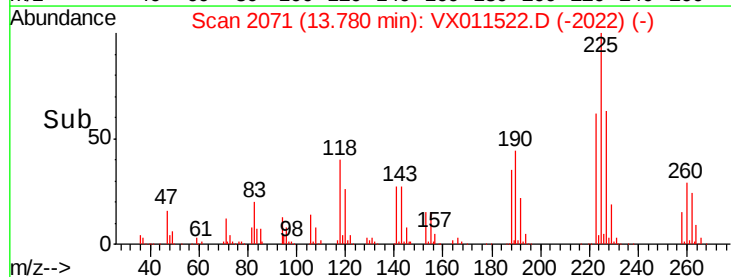
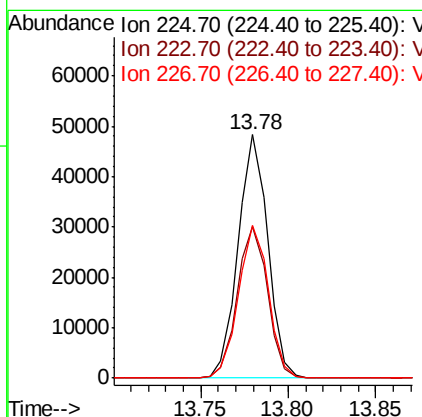
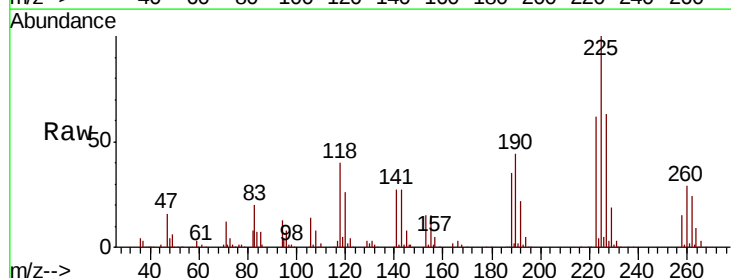
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 118967
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.4
 145 29.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 43.124 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011522.D
 Acq: 13 Aug 2019 07:04

Tgt Ion:225 Resp: 56880
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.0 93.0
 227 63.4 32.2 96.6

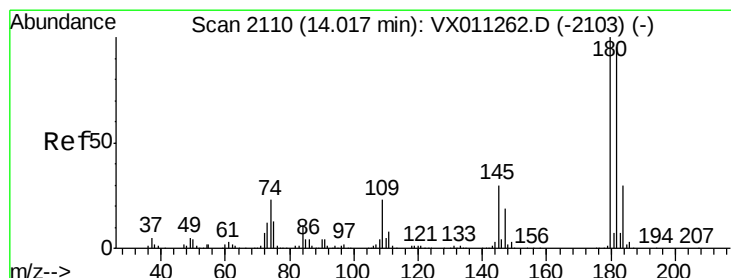
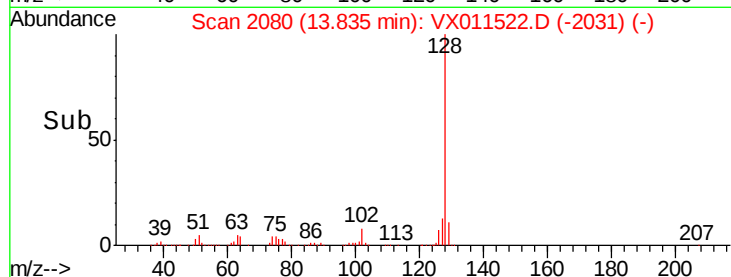
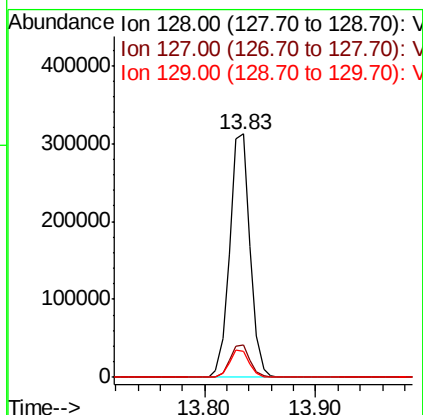
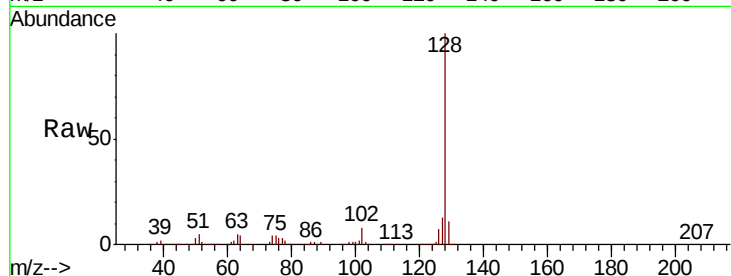




#95
Naphthalene
Concen: 51.582 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 45.996 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011522.D
Acq: 13 Aug 2019 07:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.4	142.3
145	32.4	15.2	45.6

