

Data File : VX011318.D
Acq On : 02 Aug 2019 20:24
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 03 05:47:28 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	152326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	230568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	77293	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.49	113	72282	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.71	98	271541	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.13	95	99437	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	54550	46.367	ug/l	98
3) Chloromethane	1.32	50	60030	45.438	ug/l	99
4) Vinyl Chloride	1.40	62	68928	47.431	ug/l	98
5) Bromomethane	1.63	94	38590	37.233	ug/l	97
6) Chloroethane	1.71	64	47714	53.201	ug/l	97
7) Trichlorofluoromethane	1.92	101	125731	48.658	ug/l	98
8) Diethyl Ether	2.18	74	44477	48.205	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65611	46.928	ug/l	99
10) Methyl Iodide	2.50	142	58606	33.248	ug/l	99
11) Tert butyl alcohol	3.04	59	79895	261.186	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66427	47.930	ug/l	94
13) Acrolein	2.29	56	39906	209.854	ug/l	98
14) Allyl chloride	2.72	41	94317	51.048	ug/l	99
15) Acrylonitrile	3.14	53	189318	259.353	ug/l	98
16) Acetone	2.43	43	154666	211.826	ug/l	100
17) Carbon Disulfide	2.56	76	158063	48.601	ug/l	99
18) Methyl Acetate	2.76	43	85437	51.202	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	209034	51.181	ug/l	97
20) Methylene Chloride	2.85	84	76667	47.945	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	72262	49.290	ug/l	96
22) Diisopropyl ether	3.85	45	206492	50.851	ug/l	97
23) Vinyl Acetate	3.81	43	908557	269.760	ug/l	98
24) 1,1-Dichloroethane	3.69	63	118903	49.657	ug/l	100
25) 2-Butanone	4.67	43	259693	250.030	ug/l	99
26) 2,2-Dichloropropane	4.58	77	82046	44.079	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	82211	48.684	ug/l	99
28) Bromochloromethane	5.01	49	53554	49.060	ug/l	99
29) Tetrahydrofuran	5.12	42	167185	262.520	ug/l	99
30) Chloroform	5.20	83	129908	49.918	ug/l	98
31) Cyclohexane	5.57	56	95770	48.479	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	111529	50.027	ug/l	99
36) 1,1-Dichloropropene	5.79	75	91674	45.539	ug/l	100
37) Ethyl Acetate	4.82	43	98326	48.694	ug/l	100
38) Carbon Tetrachloride	5.78	117	98653	48.710	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105265	44.115	ug/l	98
40) Benzene	6.14	78	289013	48.111	ug/l	99
41) Methacrylonitrile	5.04	41	53684	48.681	ug/l	98
42) 1,2-Dichloroethane	6.19	62	98209	48.347	ug/l	100
43) Isopropyl Acetate	6.44	43	158420	49.072	ug/l	100
44) Trichloroethene	7.21	130	83535	45.942	ug/l	98
45) 1,2-Dichloropropane	7.51	63	73365	47.157	ug/l	96
46) Dibromomethane	7.66	93	53640	47.230	ug/l	98
47) Bromodichloromethane	7.90	83	94882	49.344	ug/l	100
48) Methyl methacrylate	7.77	41	76827	50.567	ug/l	98
49) 1,4-Dioxane	7.74	88	41648	945.561	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	544112	261.160	ug/l	99
52) Toluene	8.78	92	191180	48.135	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	100751	45.275	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	111710	49.734	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	80733	49.438	ug/l	99
56) Ethyl methacrylate	9.18	69	118501	50.921	ug/l	99
57) 1,3-Dichloropropane	9.37	76	126565	49.007	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	271464	237.246	ug/l	100
59) 2-Hexanone	9.49	43	427711	265.040	ug/l	98
60) Dibromochloromethane	9.58	129	86808	51.922	ug/l	97
61) 1,2-Dibromoethane	9.67	107	86531	49.045	ug/l	99
64) Tetrachloroethene	9.34	164	83161	45.394	ug/l	98
65) Chlorobenzene	10.13	112	220204	47.608	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	80016	50.531	ug/l	98
67) Ethyl Benzene	10.25	91	375607	48.488	ug/l	100
68) m/p-Xylenes	10.35	106	291674	97.346	ug/l	98
69) o-Xylene	10.69	106	141888	48.197	ug/l	99
70) Styrene	10.71	104	246067	50.515	ug/l	99
71) Bromoform	10.85	173	63424	45.090	ug/l #	99
73) Isopropylbenzene	11.02	105	383672	47.942	ug/l	100
74) N-amyl acetate	10.90	43	150592	52.078	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	130673	48.997	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	136729	64.163	ug/l	84
77) Bromobenzene	11.26	156	104951	47.293	ug/l	98
78) n-propylbenzene	11.36	91	427441	48.029	ug/l	99
79) 2-Chlorotoluene	11.42	91	251753	47.460	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	326954	48.805	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34575	43.930	ug/l	98
82) 4-Chlorotoluene	11.51	91	297384	48.105	ug/l	98
83) tert-Butylbenzene	11.77	119	317626	48.342	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	326689	48.979	ug/l	98
85) sec-Butylbenzene	11.94	105	380324	48.178	ug/l	100
86) p-Isopropyltoluene	12.06	119	350035	48.199	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187972	47.939	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	186052	46.016	ug/l	99
89) n-Butylbenzene	12.38	91	293466	46.904	ug/l	99
90) Hexachloroethane	12.59	117	52660	49.046	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	187748	47.655	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26080	50.474	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080219\
Quantitation Report (Not Reviewed)

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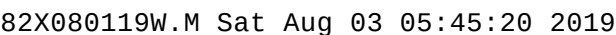
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

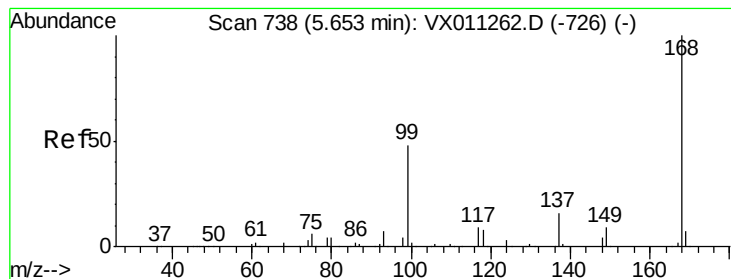
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122271	46.797	ug/l	99
94) Hexachlorobutadiene	13.78	225	60813	45.876	ug/l	98
95) Naphthalene	13.83	128	393859	51.547	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126017	47.442	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

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Acq: 02 Aug 2019 20:24

Instrument :

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ClientSampleId :

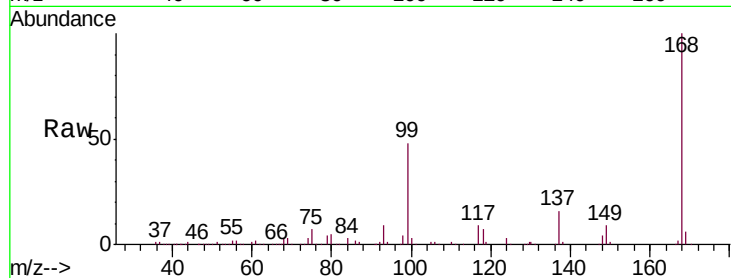
VSTDCCC050EC

Tgt Ion:168 Resp: 152326

Ion Ratio Lower Upper

168 100

99 48.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

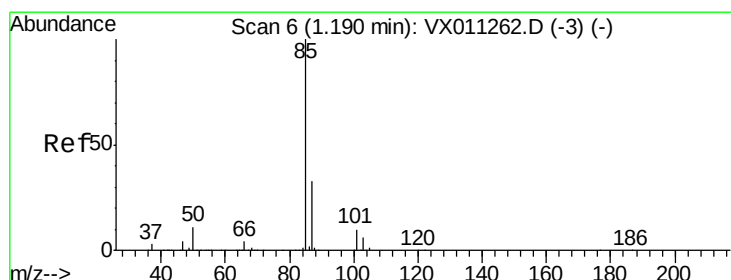
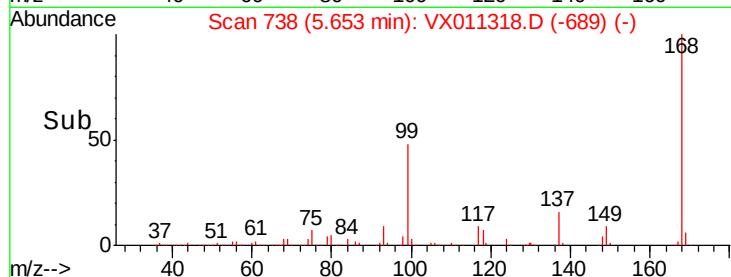
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.367 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011318.D

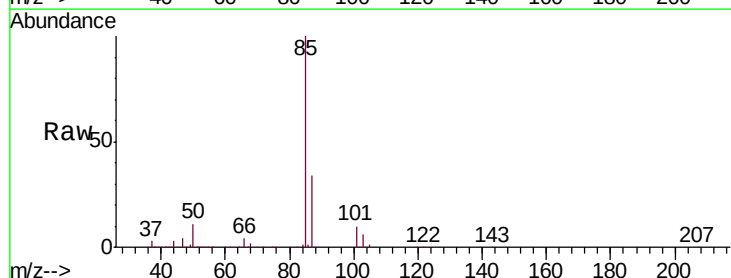
Acq: 02 Aug 2019 20:24

Tgt Ion: 85 Resp: 54550

Ion Ratio Lower Upper

85 100

87 33.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

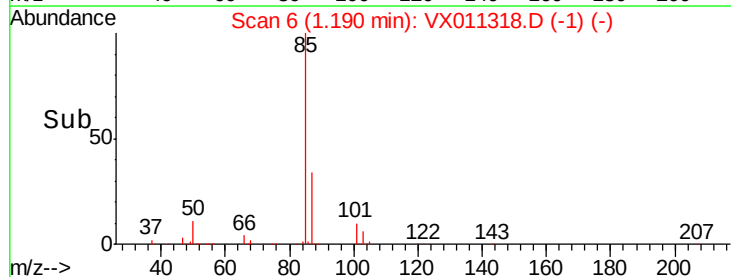
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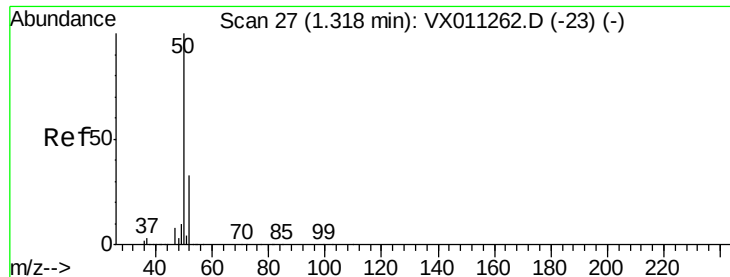
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.438 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

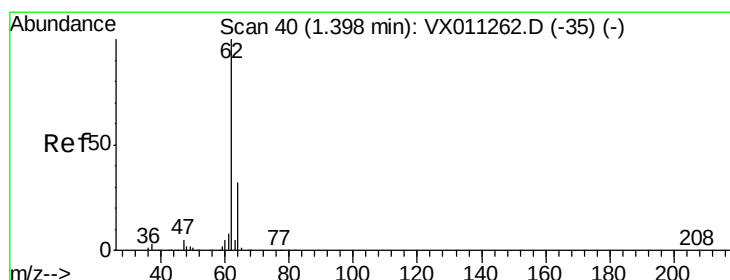
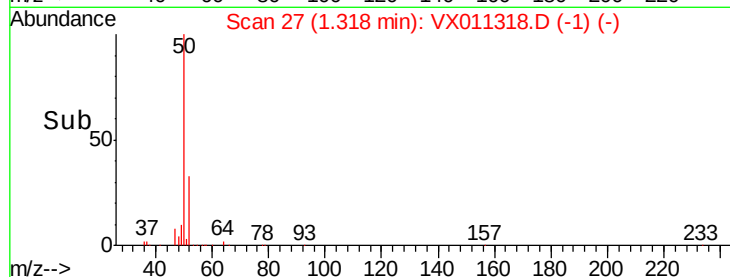
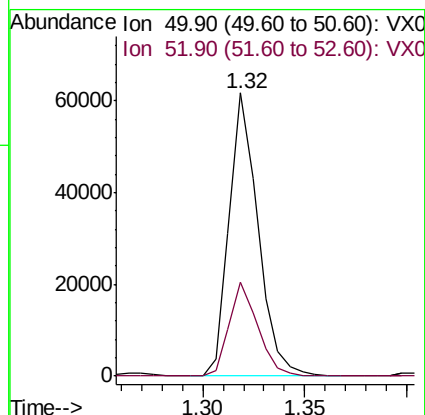
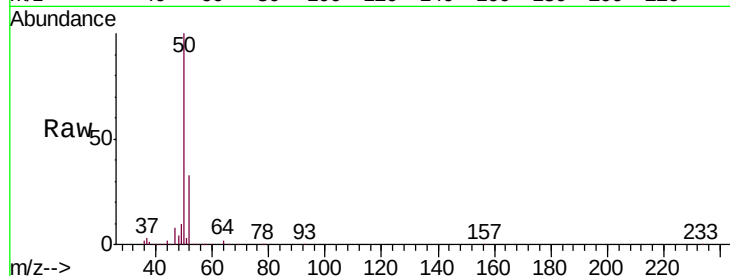
VSTDCCC050EC

Tgt Ion: 50 Resp: 60030

Ion Ratio Lower Upper

50 100

52 33.3 26.4 39.6



#4

Vinyl Chloride

Concen: 47.431 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011318.D

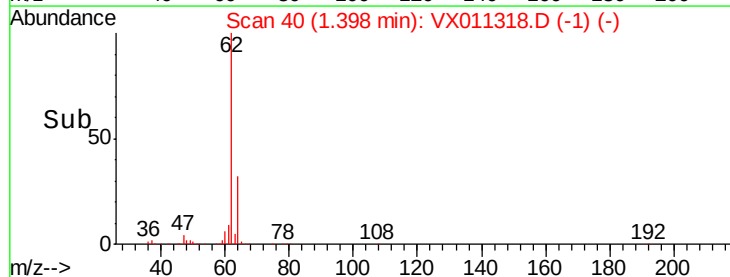
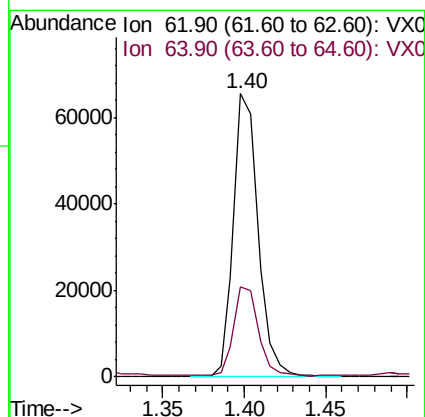
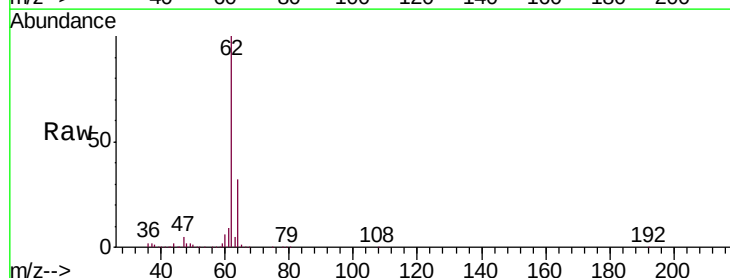
Acq: 02 Aug 2019 20:24

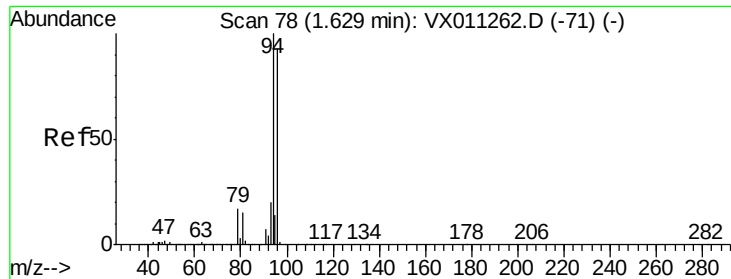
Tgt Ion: 62 Resp: 68928

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 37.233 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

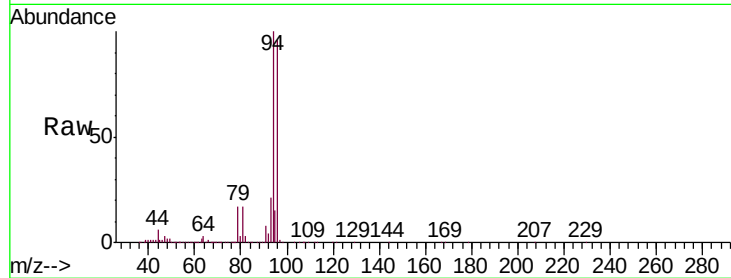
VSTDCCC050EC

Tgt Ion: 94 Resp: 38590

Ion Ratio Lower Upper

94 100

96 96.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

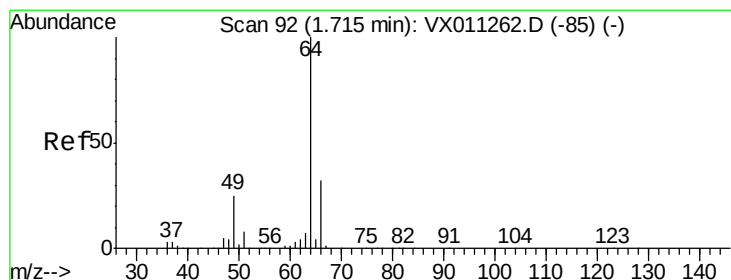
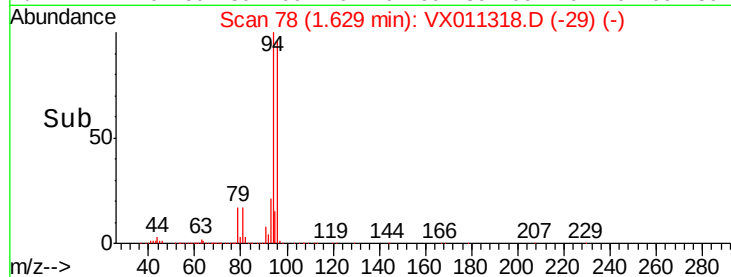
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10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 53.201 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011318.D

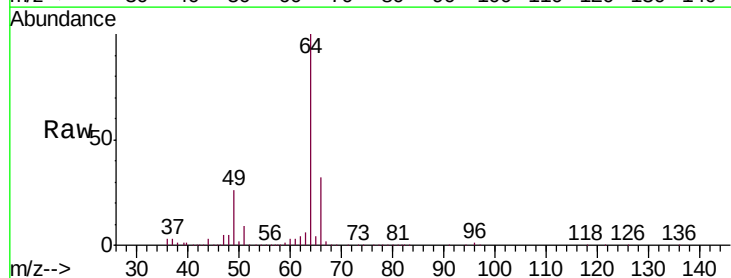
Acq: 02 Aug 2019 20:24

Tgt Ion: 64 Resp: 47714

Ion Ratio Lower Upper

64 100

66 33.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

40000

30000

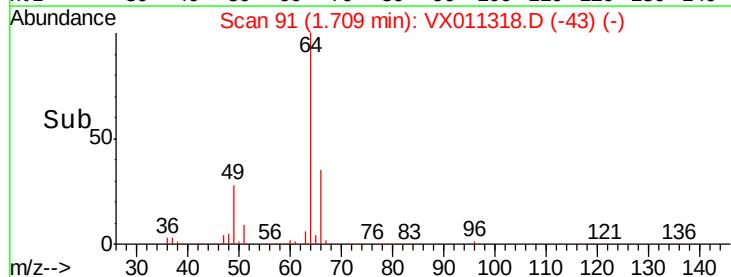
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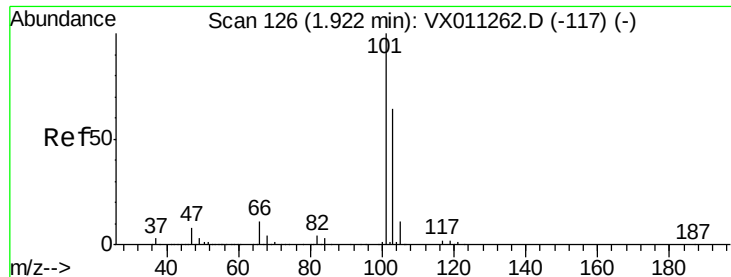
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Time-->

1.60 1.70 1.80



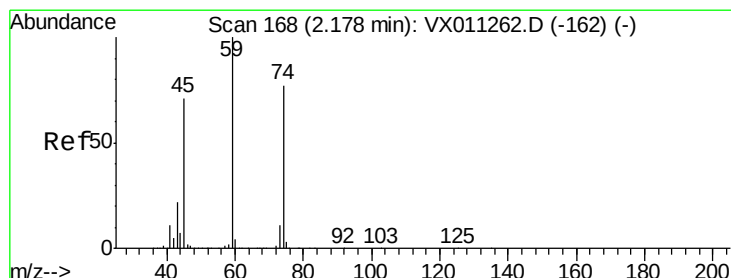
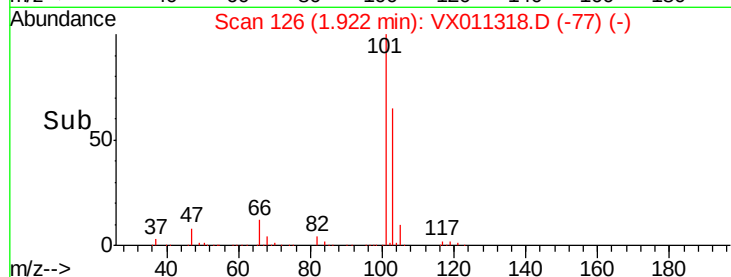
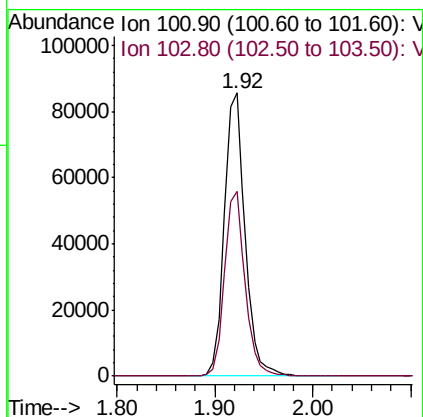
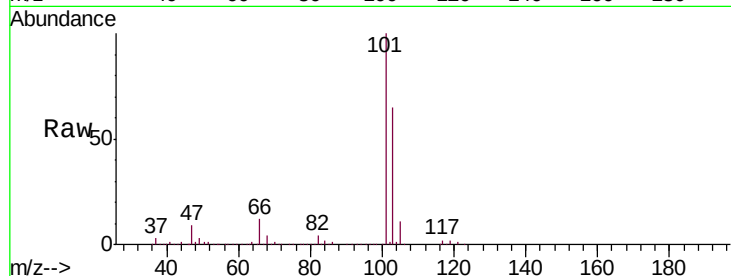


#7

Trichlorofluoromethane
Concen: 48.658 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011318.D
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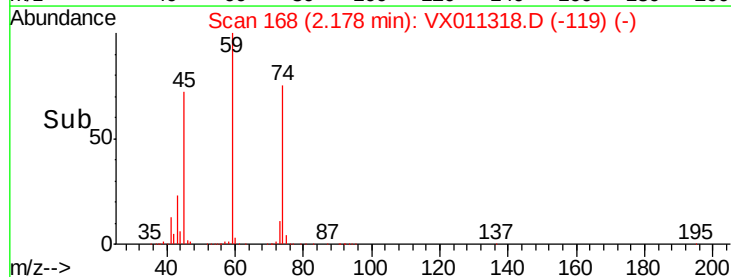
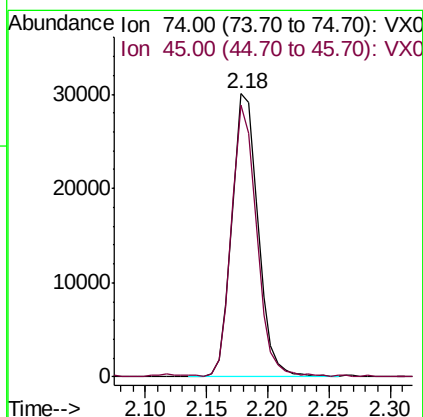
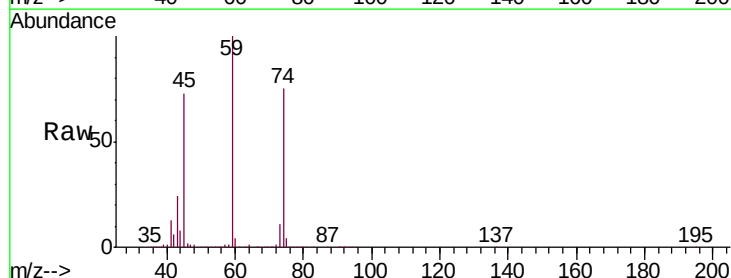
Tgt Ion:101 Resp: 125731
Ion Ratio Lower Upper
101 100
103 65.1 50.9 76.3

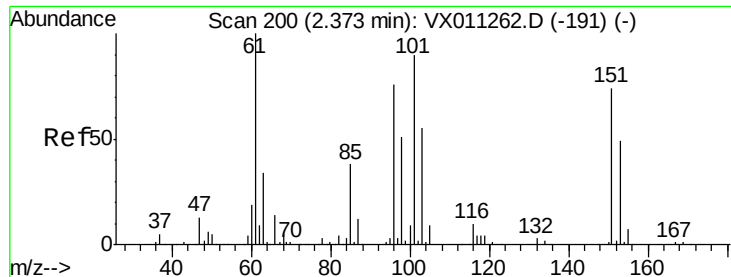


#8

Diethyl Ether
Concen: 48.205 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion: 74 Resp: 44477
Ion Ratio Lower Upper
74 100
45 90.7 46.1 138.3

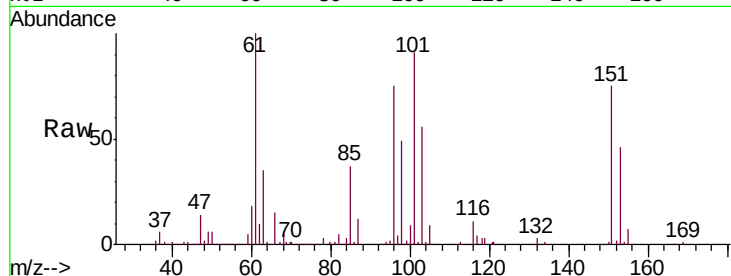




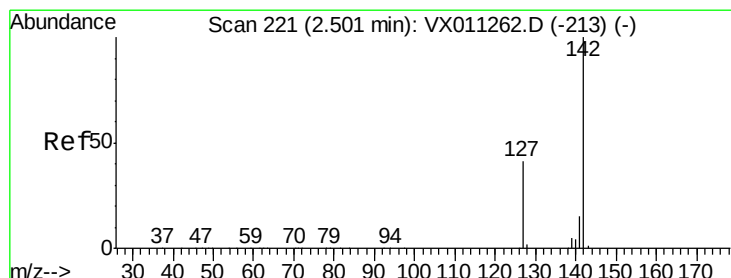
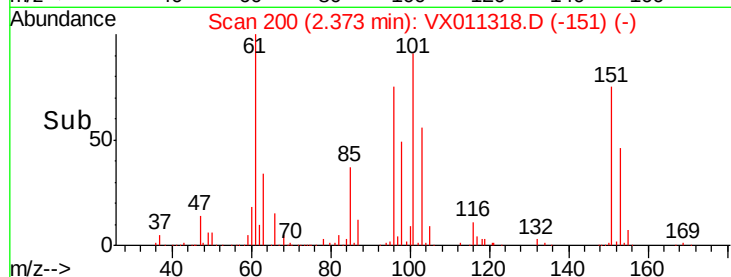
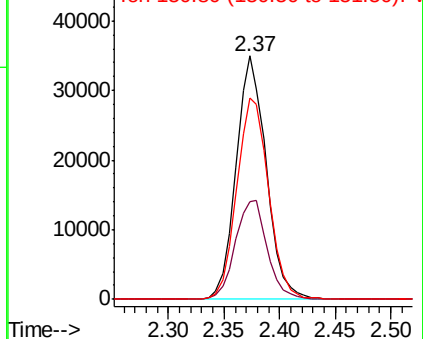
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.928 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 65611
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.8 50.6
 151 87.2 69.5 104.3

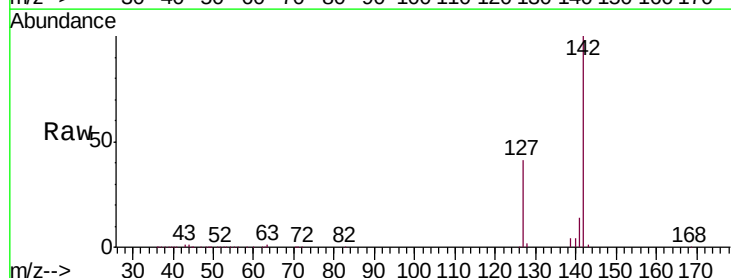


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

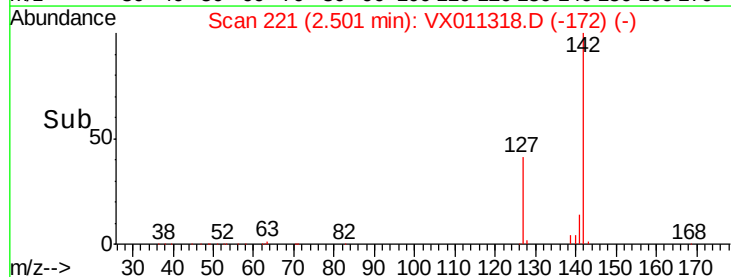
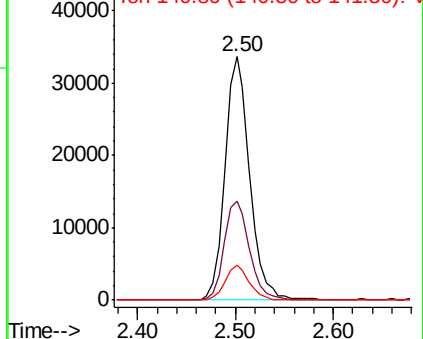


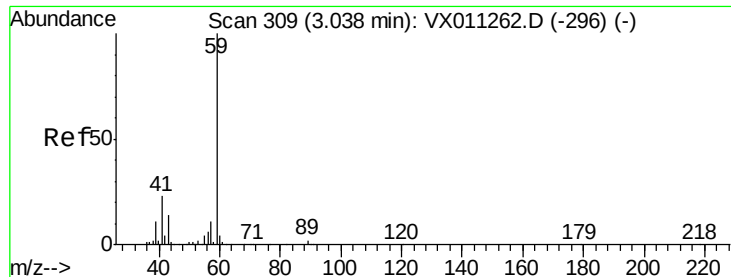
#10
 Methyl Iodide
 Concen: 33.248 ug/l
 RT: 2.50 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion:142 Resp: 58606
 Ion Ratio Lower Upper
 142 100
 127 41.6 33.8 50.8
 141 13.9 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

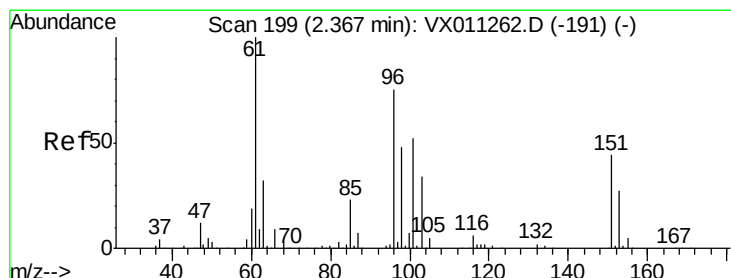
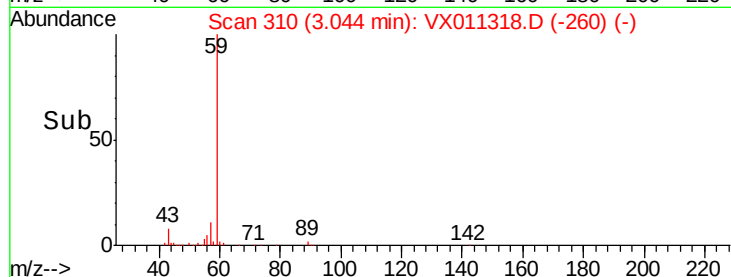
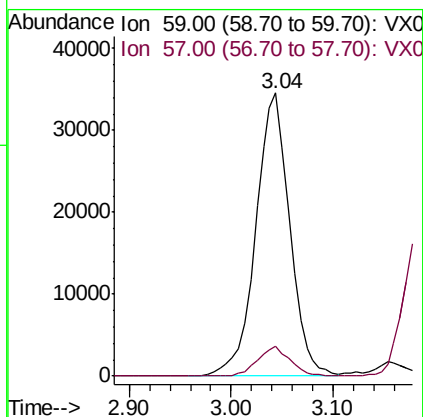
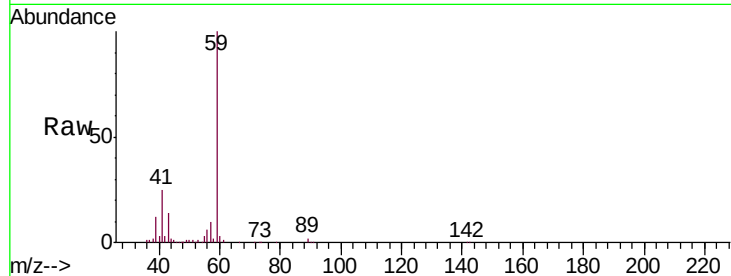




#11
Tert butyl alcohol
Concen: 261.186 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

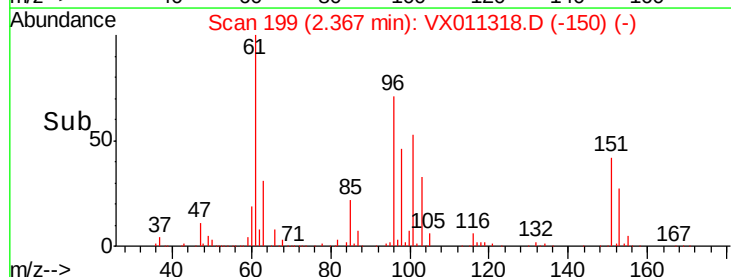
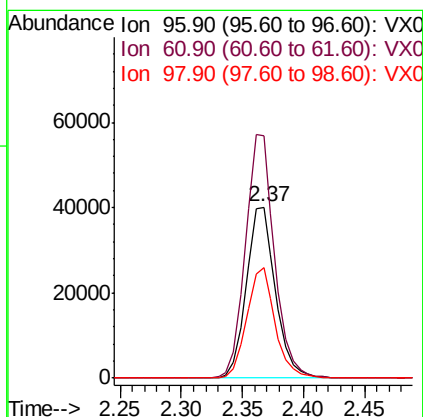
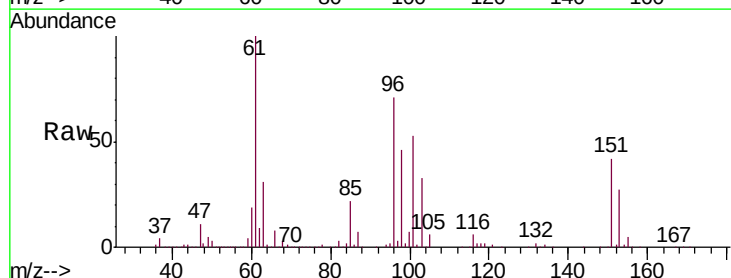
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

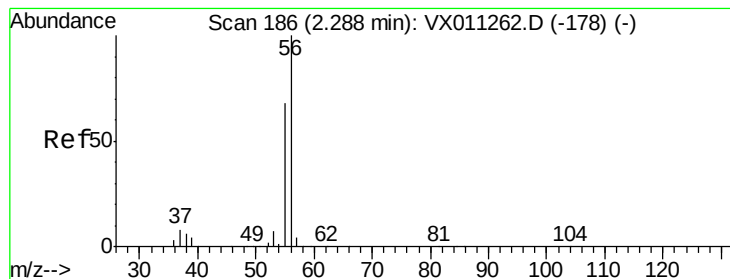
Tgt Ion: 59 Resp: 79895
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.930 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion: 96 Resp: 66427
Ion Ratio Lower Upper
96 100
61 141.5 106.2 159.2
98 64.7 50.6 75.8





#13

Acrolein

Concen: 209.854 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

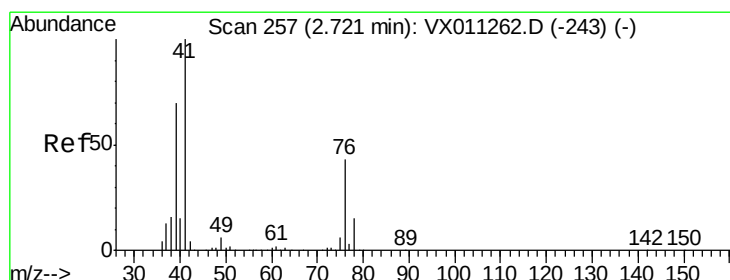
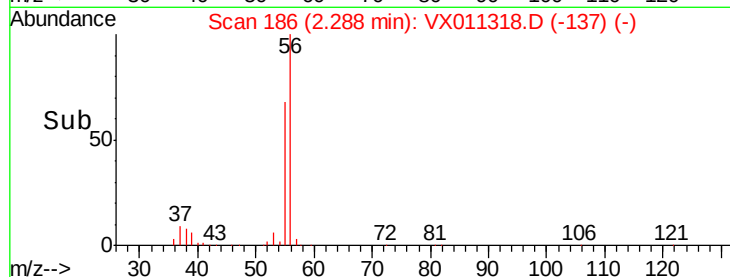
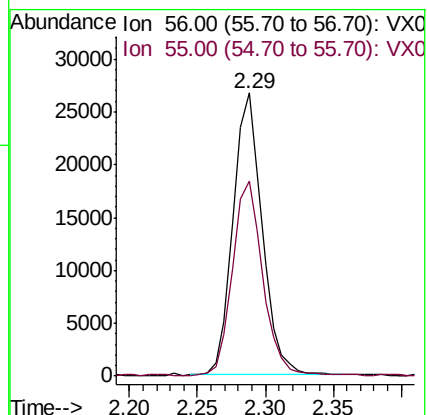
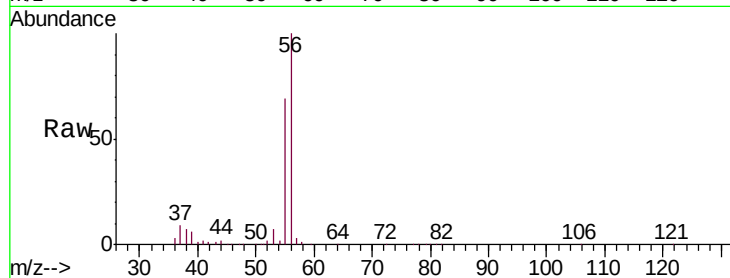
VSTDCCC050EC

Tgt Ion: 56 Resp: 39906

Ion Ratio Lower Upper

56 100

55 71.4 56.0 84.0



#14

Allyl chloride

Concen: 51.048 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

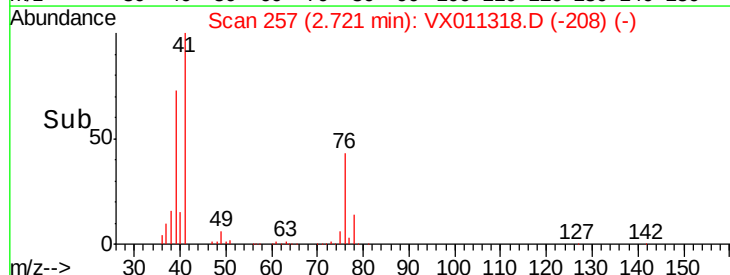
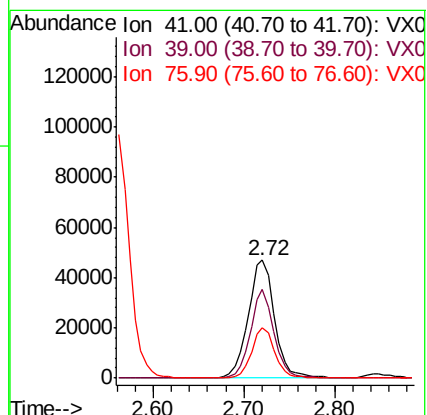
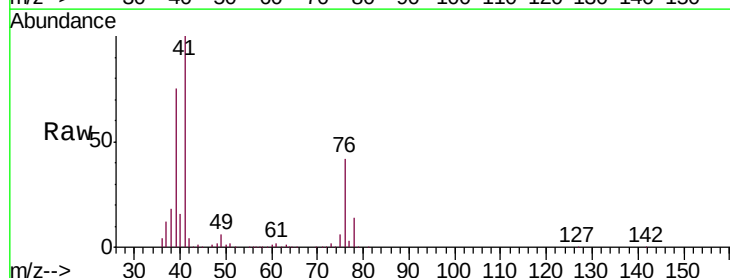
Tgt Ion: 41 Resp: 94317

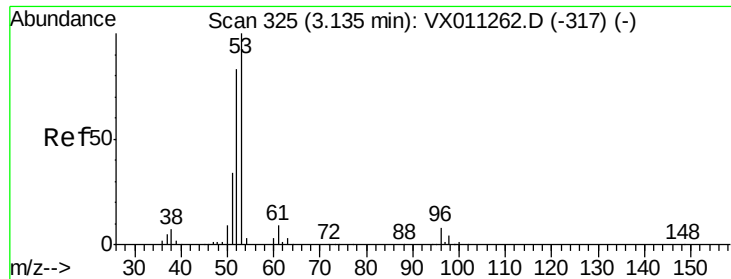
Ion Ratio Lower Upper

41 100

39 66.0 52.8 79.2

76 37.9 31.1 46.7





#15

Acrylonitrile

Concen: 259.353 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

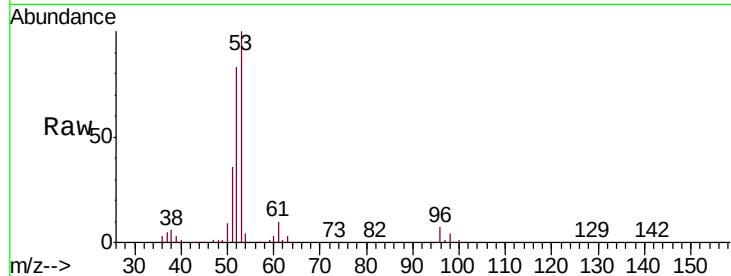
Tgt Ion: 53 Resp: 189318

Ion Ratio Lower Upper

53 100

52 83.4 65.5 98.3

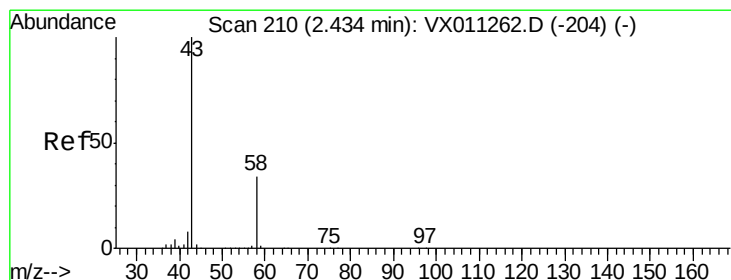
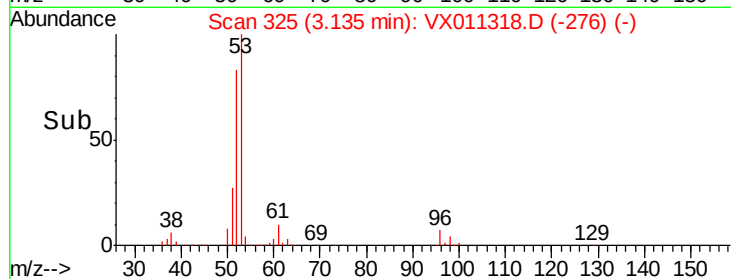
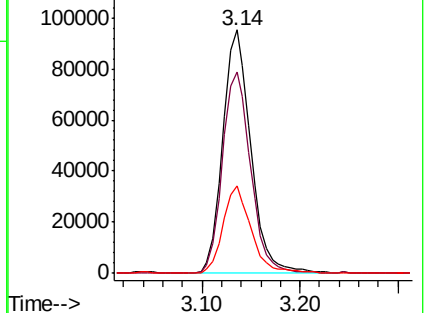
51 35.6 27.9 41.9



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: 211.826 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011318.D

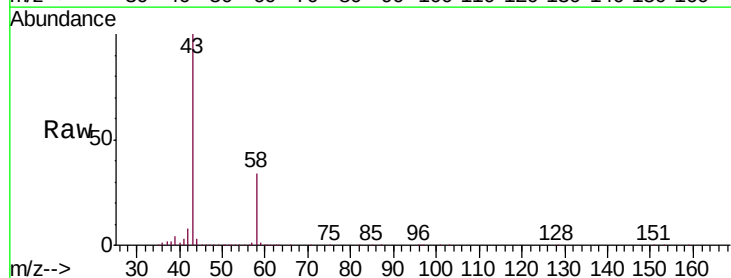
Acq: 02 Aug 2019 20:24

Tgt Ion: 43 Resp: 154666

Ion Ratio Lower Upper

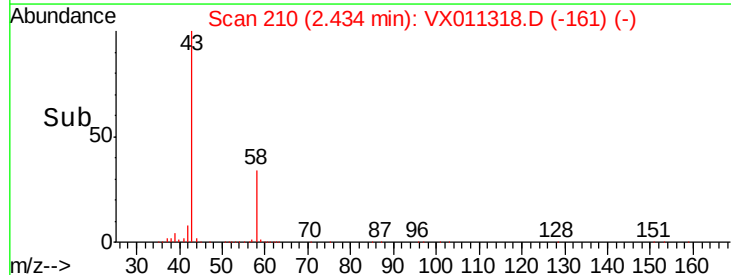
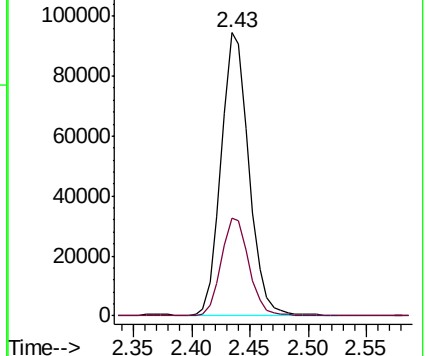
43 100

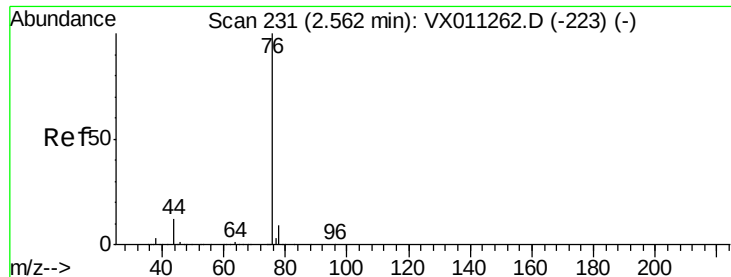
58 34.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.601 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

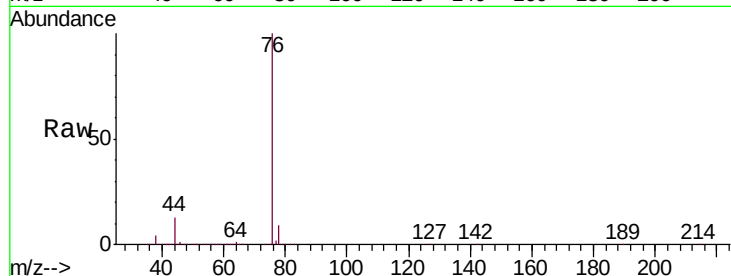
VSTDCCC050EC

Tgt Ion: 76 Resp: 158063

Ion Ratio Lower Upper

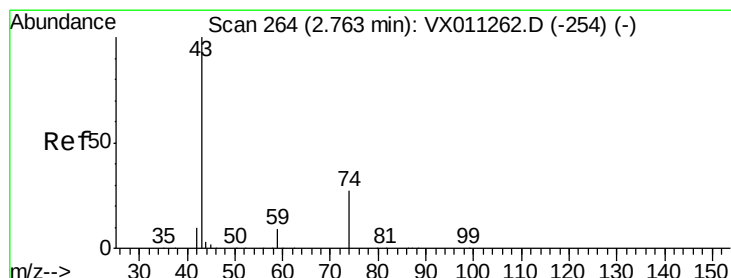
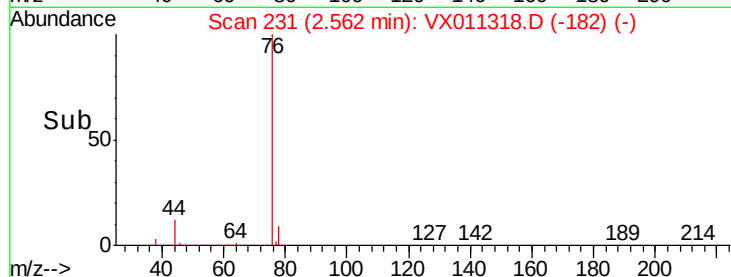
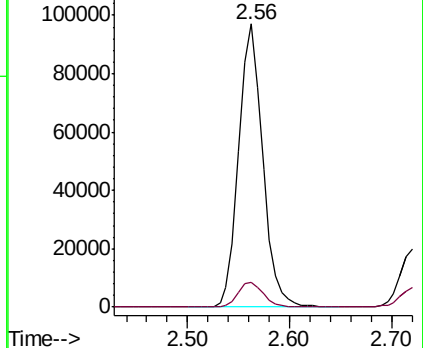
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.202 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011318.D

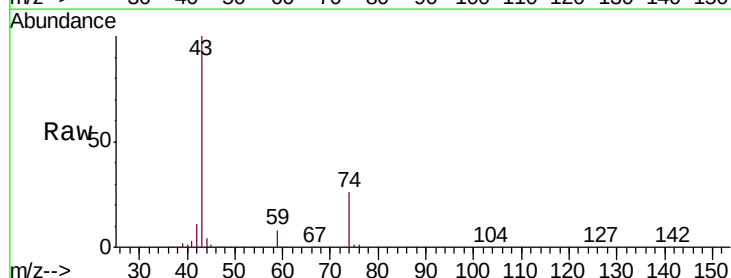
Acq: 02 Aug 2019 20:24

Tgt Ion: 43 Resp: 85437

Ion Ratio Lower Upper

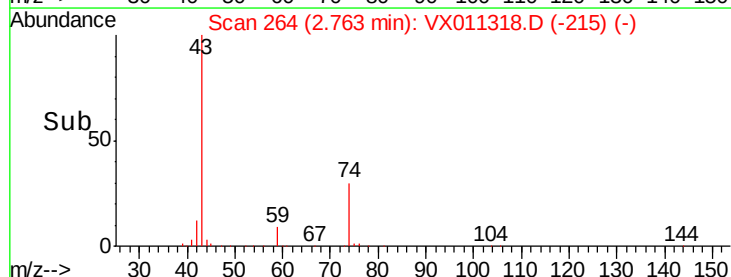
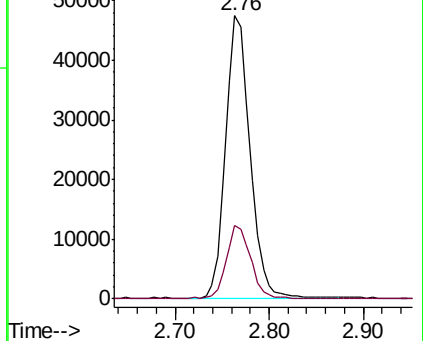
43 100

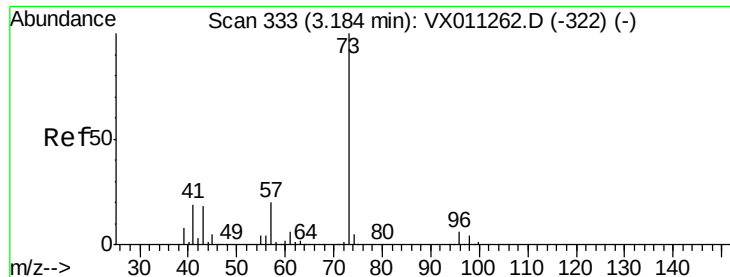
74 26.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

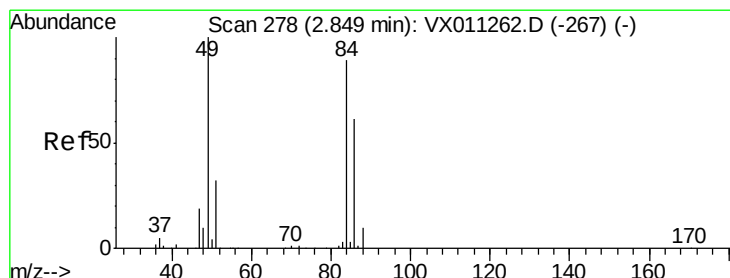
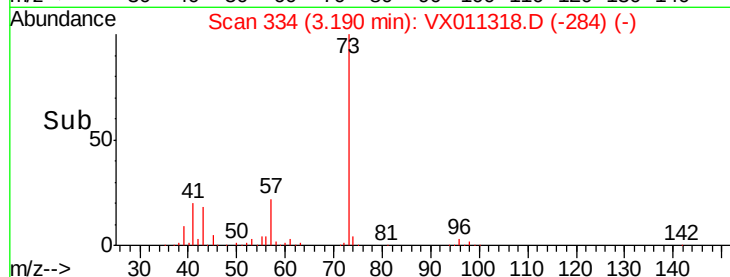
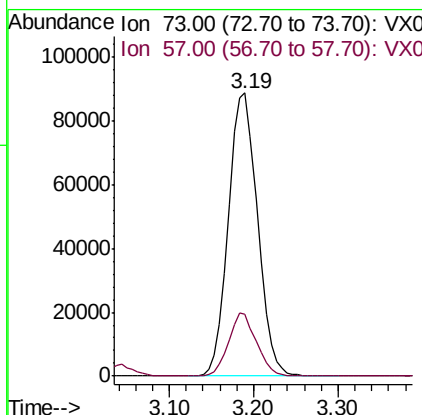
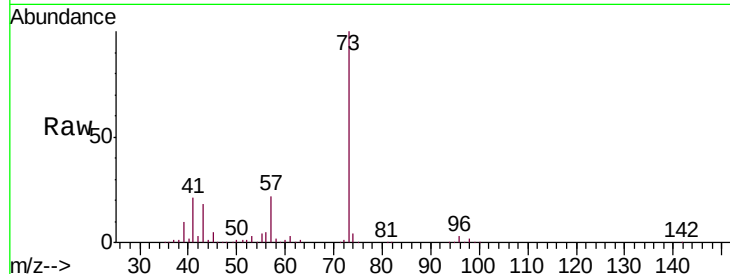




#19
Methyl tert-butyl Ether
Concen: 51.181 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

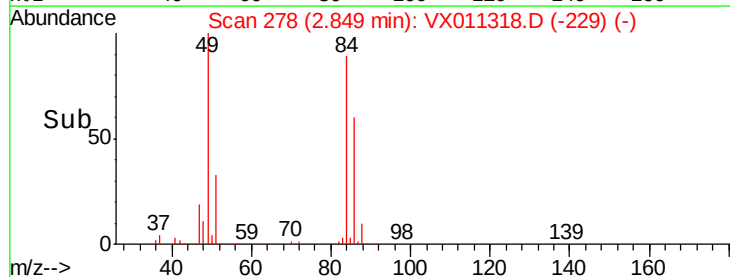
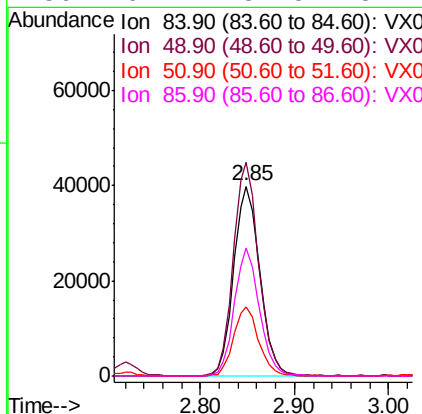
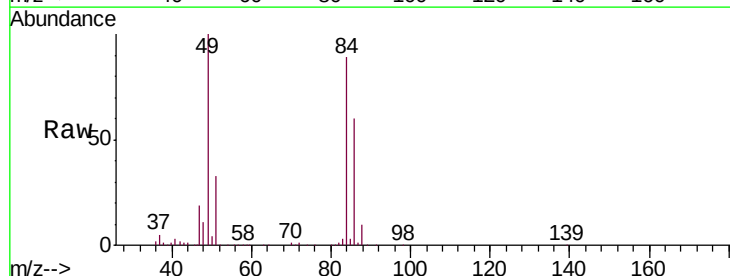
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

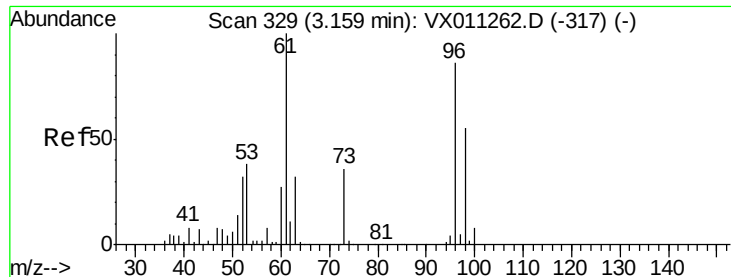
Tgt Ion: 73 Resp: 209034
Ion Ratio Lower Upper
73 100
57 21.7 16.2 24.2



#20
Methylene Chloride
Concen: 47.945 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion: 84 Resp: 76667
Ion Ratio Lower Upper
84 100
49 112.4 89.3 133.9
51 36.6 28.3 42.5
86 67.4 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.290 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

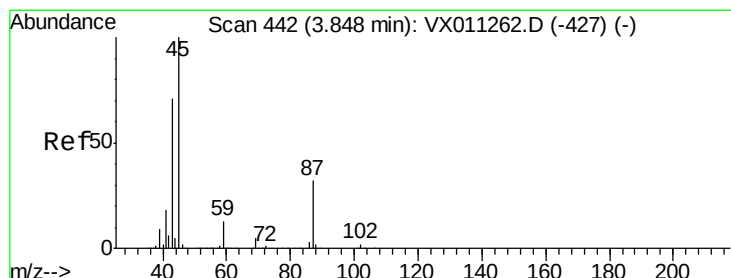
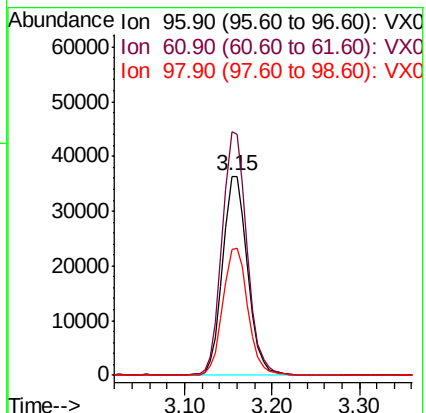
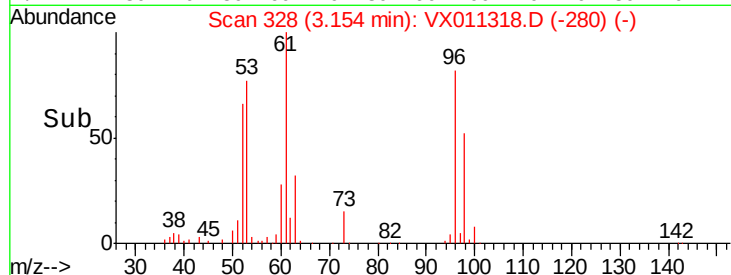
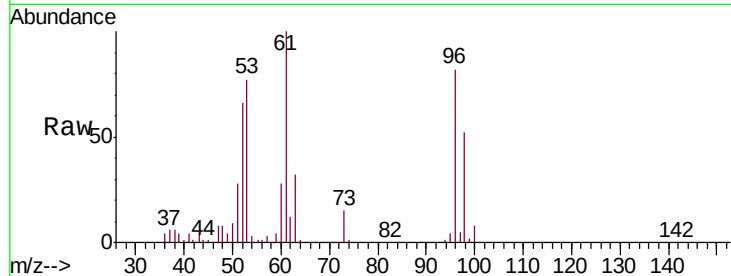
Tgt Ion: 96 Resp: 72262

Ion Ratio Lower Upper

96 100

61 122.1 92.8 139.2

98 63.4 51.2 76.8



#22

Diisopropyl ether

Concen: 50.851 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Tgt Ion: 45 Resp: 206492

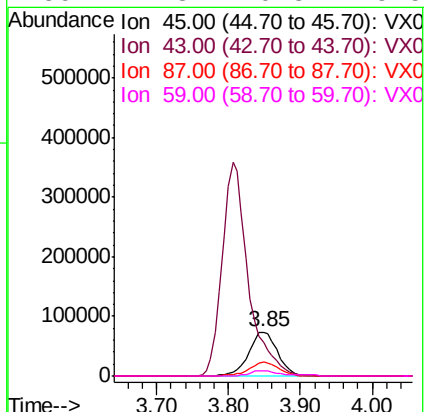
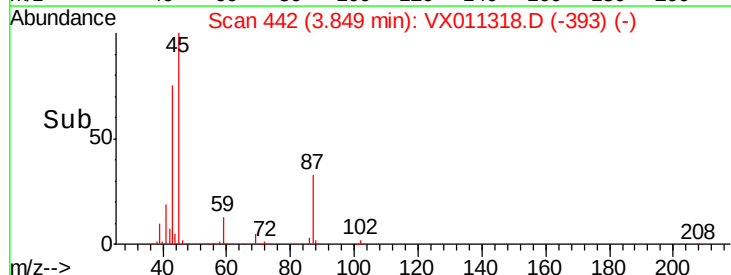
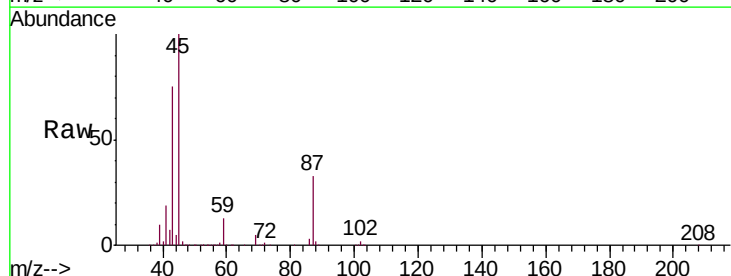
Ion Ratio Lower Upper

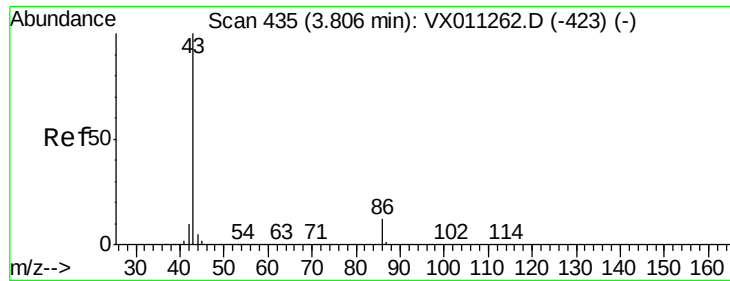
45 100

43 74.7 56.8 85.2

87 32.9 25.8 38.6

59 12.8 10.3 15.5





#23

Vinyl Acetate

Concen: 269.760 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

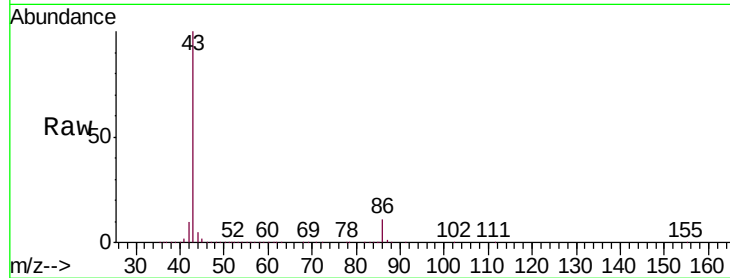
VSTDCCC050EC

Tgt Ion: 43 Resp: 908557

Ion Ratio Lower Upper

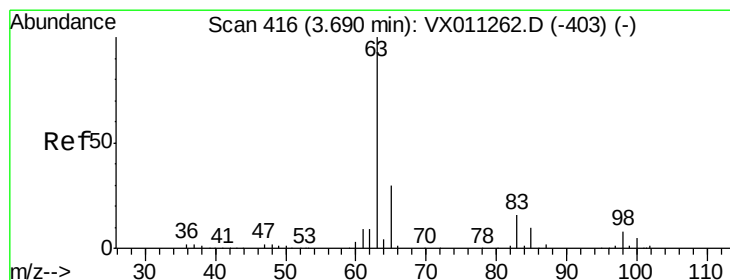
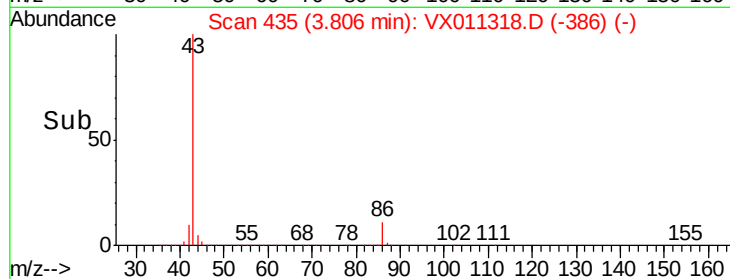
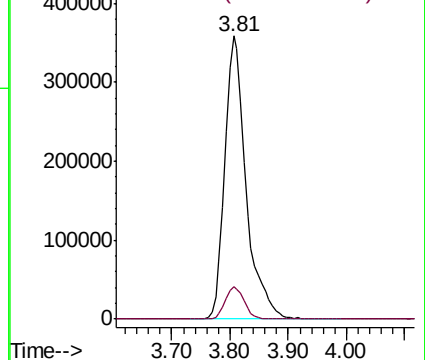
43 100

86 11.4 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: 49.657 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

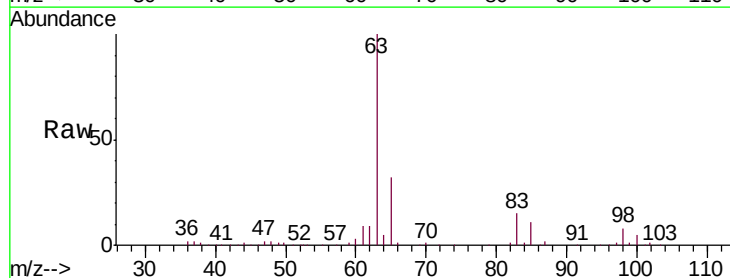
Tgt Ion: 63 Resp: 118903

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

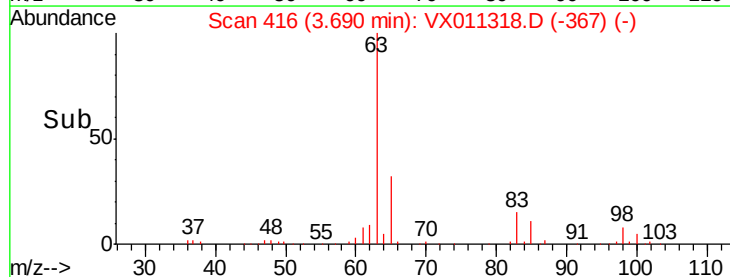
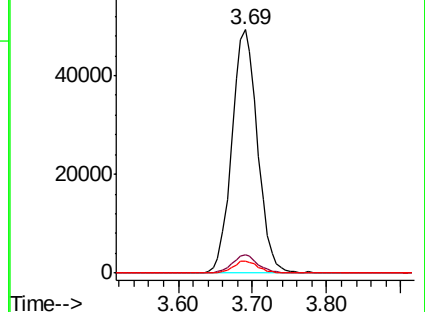
100 5.0 2.7 8.1

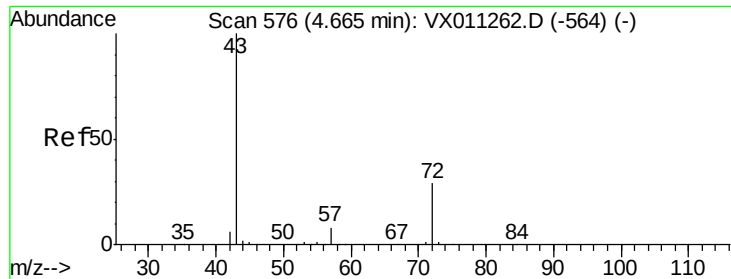


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.030 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

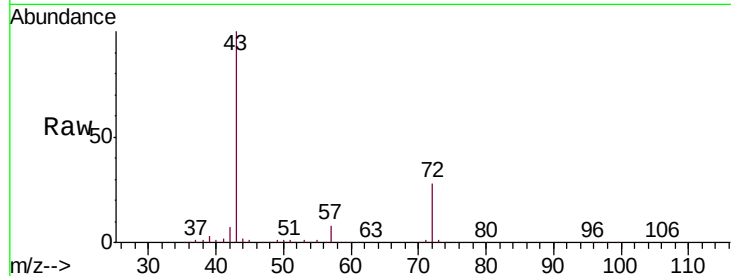
VSTDCCC050EC

Tgt Ion: 43 Resp: 259693

Ion Ratio Lower Upper

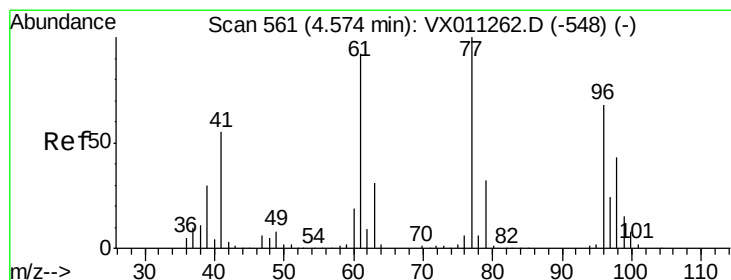
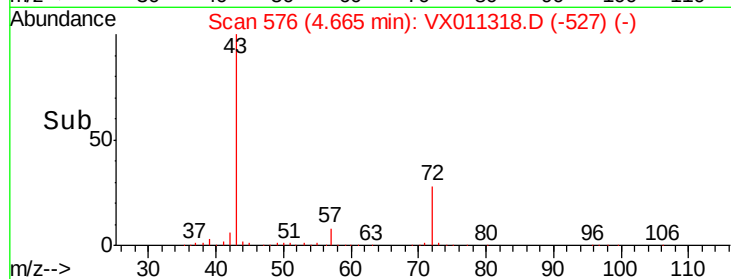
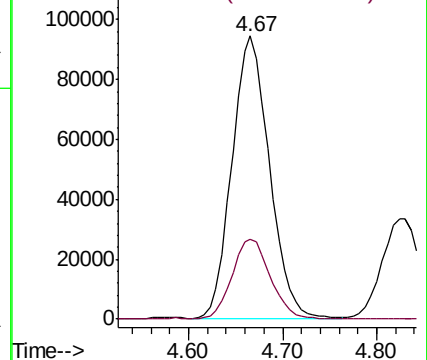
43 100

72 28.2 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.079 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011318.D

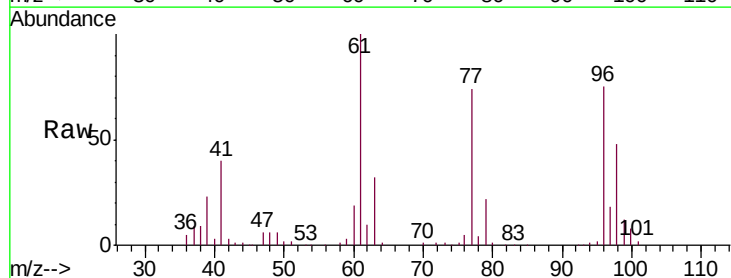
Acq: 02 Aug 2019 20:24

Tgt Ion: 77 Resp: 82046

Ion Ratio Lower Upper

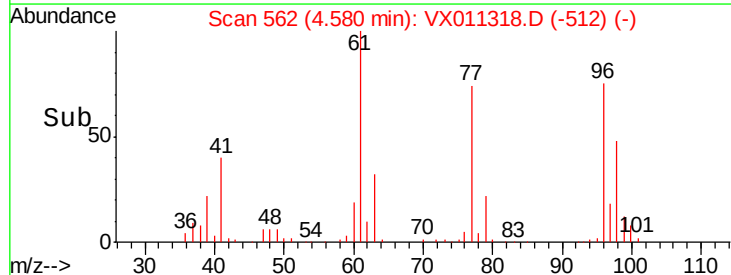
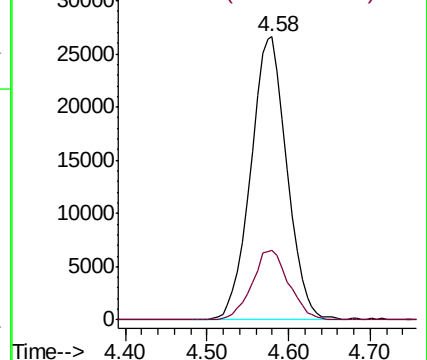
77 100

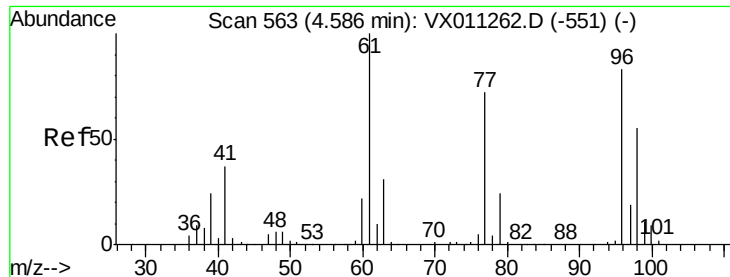
97 25.2 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



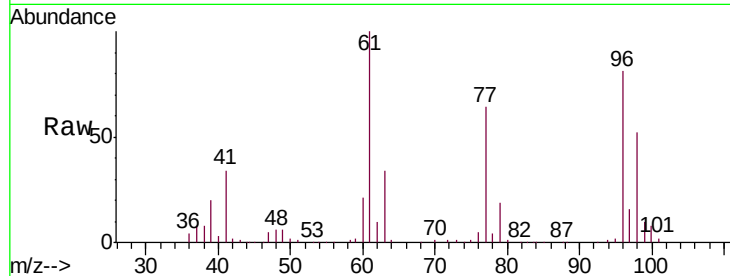


#27

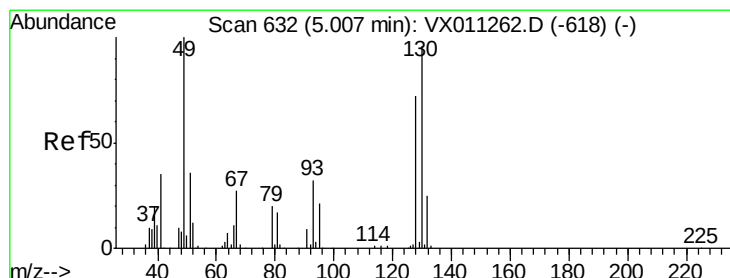
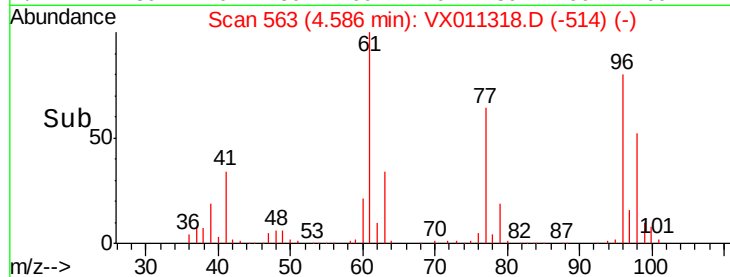
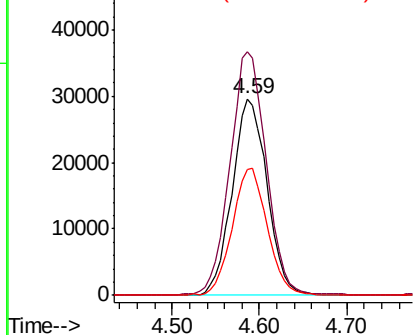
cis-1,2-Dichloroethene
 Concen: 48.684 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 82211
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 260.2
 98 64.9 0.0 133.2



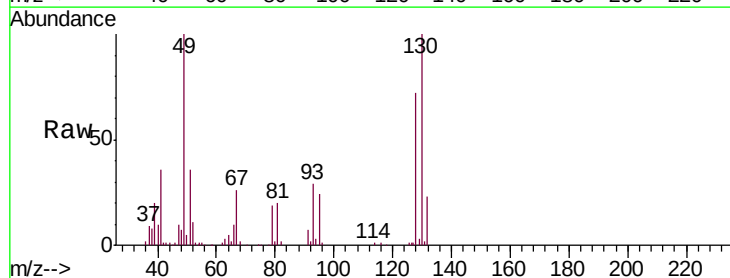
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



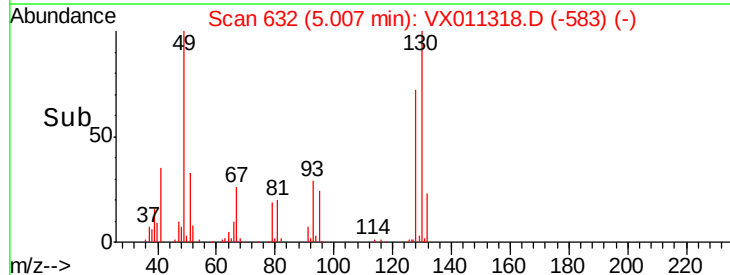
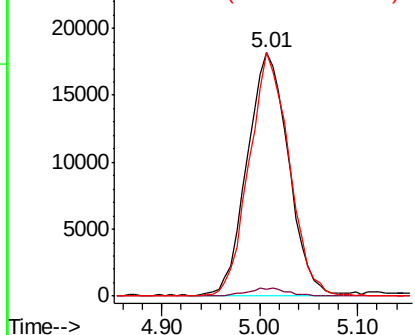
#28

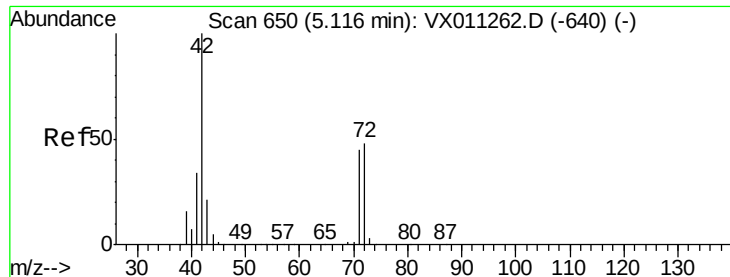
Bromochloromethane
 Concen: 49.060 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion: 49 Resp: 53554
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 5.8
 130 96.7 77.9 116.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 262.520 ug/l

RT: 5.12 min Scan# 650

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

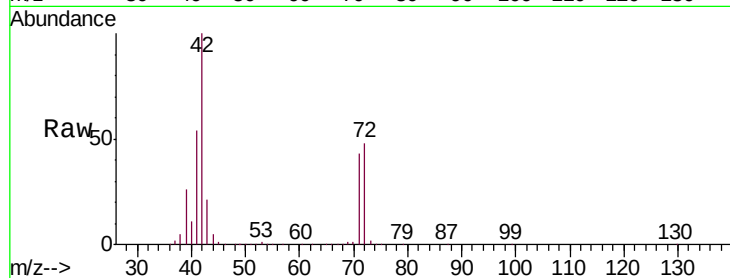
Tgt Ion: 42 Resp: 167185

Ion Ratio Lower Upper

42 100

72 49.6 39.9 59.9

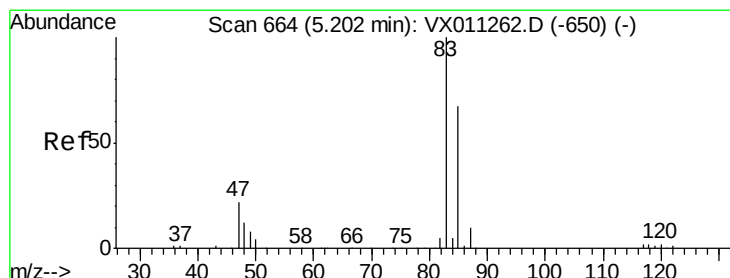
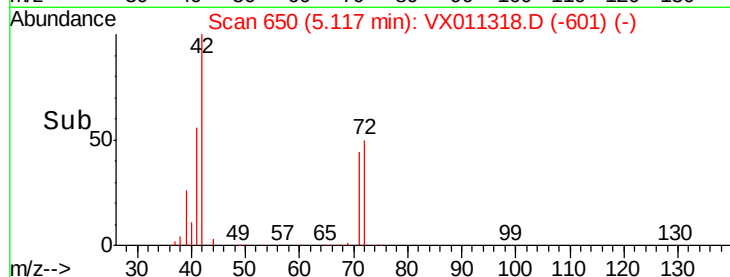
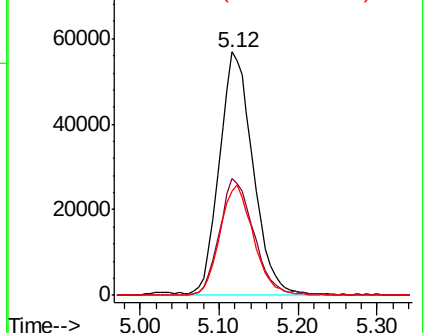
71 45.6 36.9 55.3



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: 49.918 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011318.D

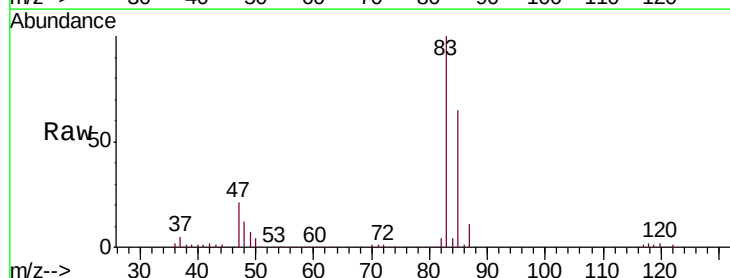
Acq: 02 Aug 2019 20:24

Tgt Ion: 83 Resp: 129908

Ion Ratio Lower Upper

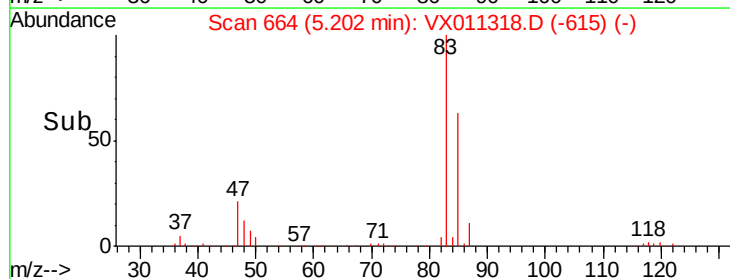
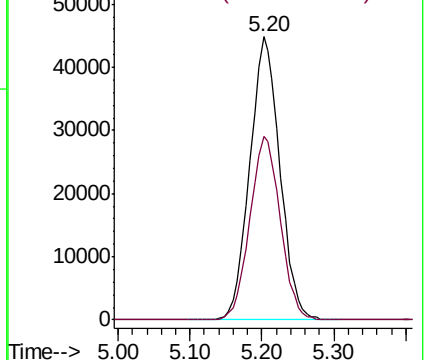
83 100

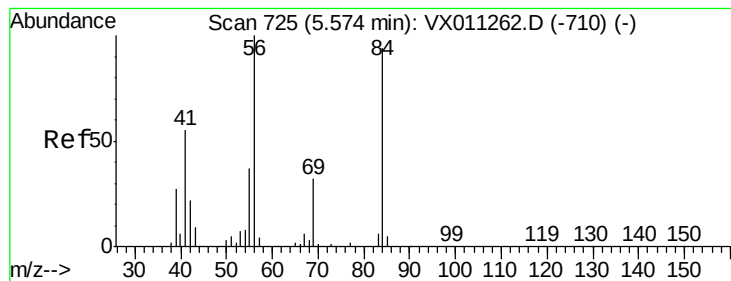
85 64.8 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.479 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

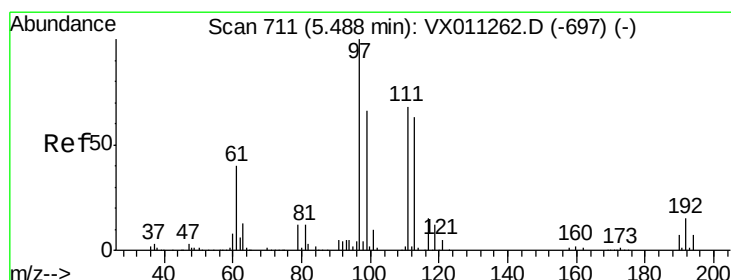
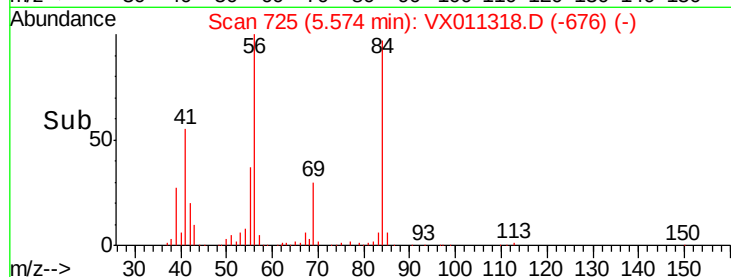
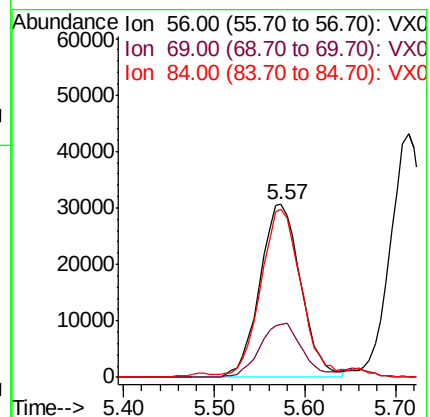
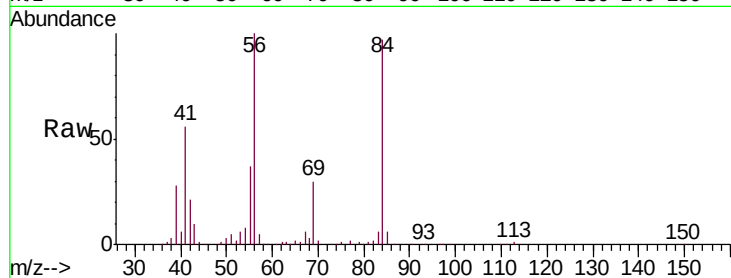
Tgt Ion: 56 Resp: 95770

Ion Ratio Lower Upper

56 100

69 30.1 25.5 38.3

84 95.6 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 50.027 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

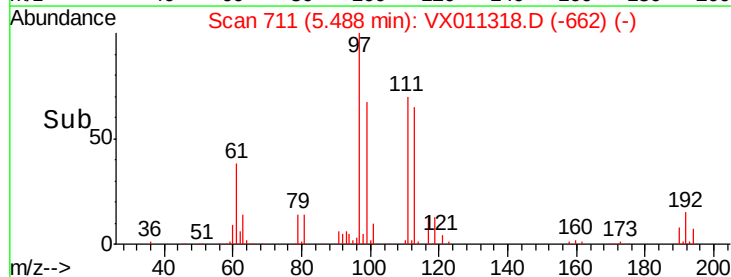
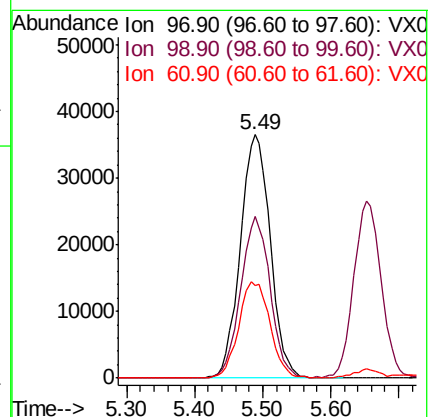
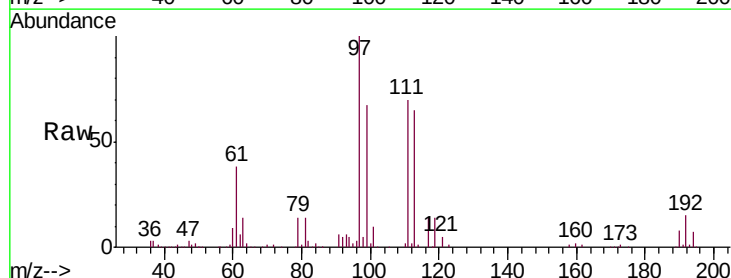
Tgt Ion: 97 Resp: 111529

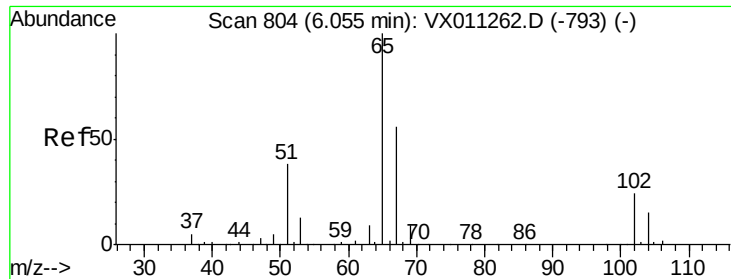
Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 41.4 32.3 48.5

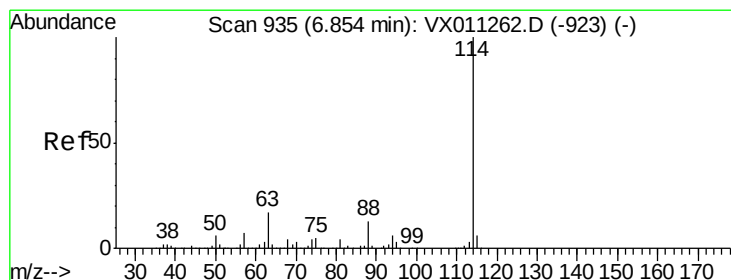
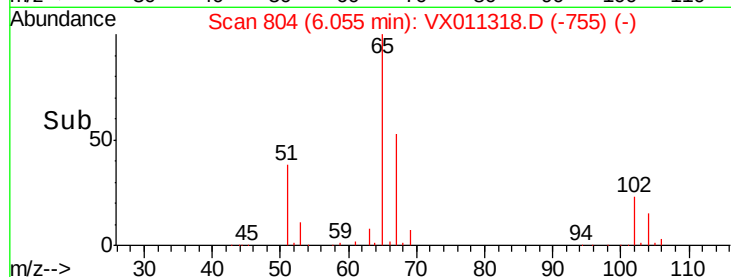
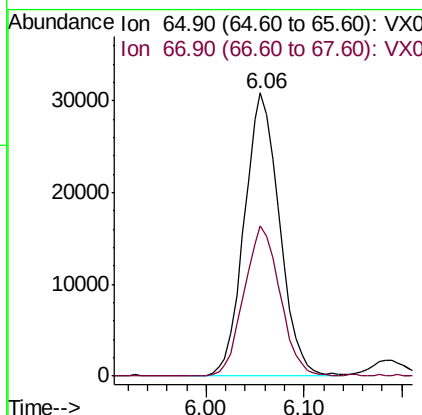
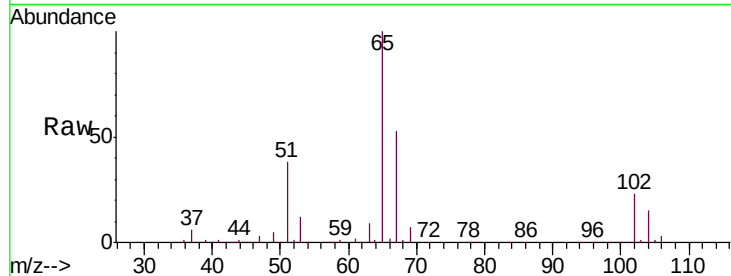




#33
 1,2-Dichloroethane-d4
 Concen: 50.386 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

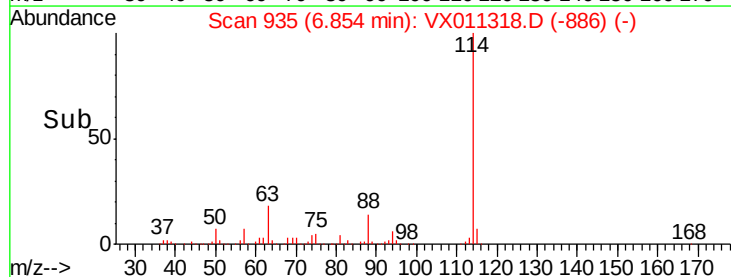
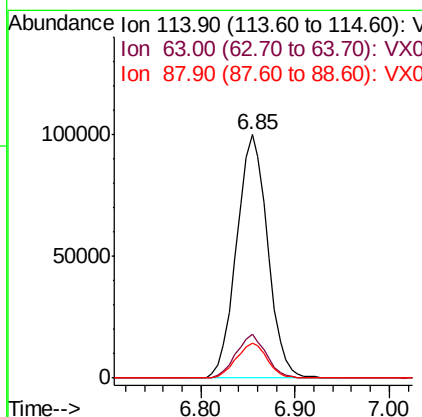
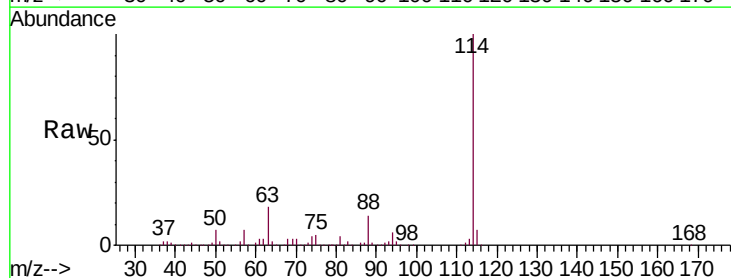
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

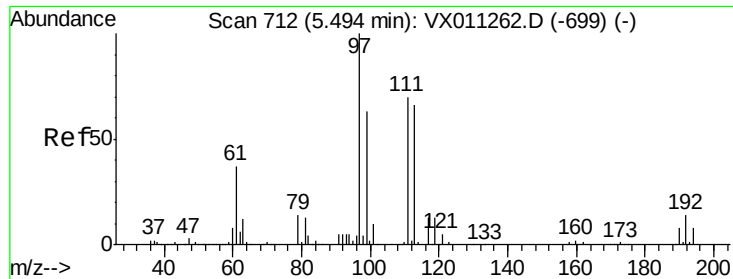
Tgt Ion: 65 Resp: 77293
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion: 114 Resp: 230568
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 14.1 0.0 26.4

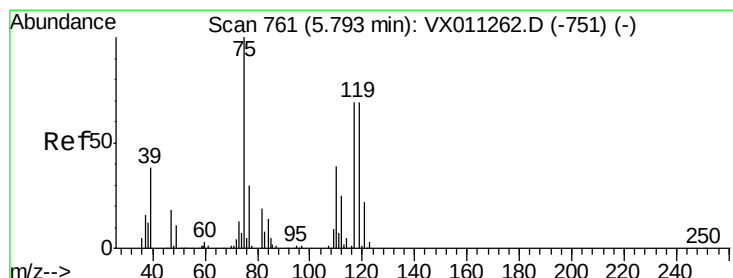
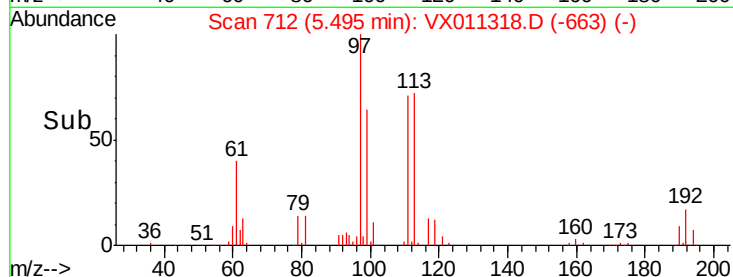
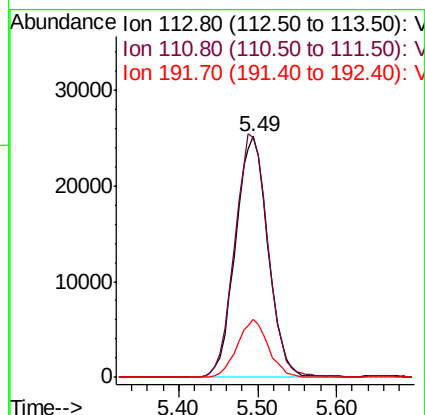
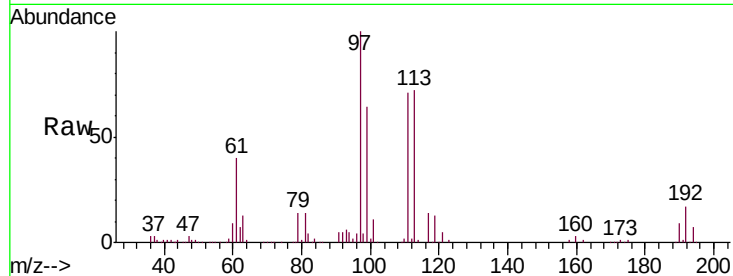




#35
 Dibromofluoromethane
 Concen: 48.017 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

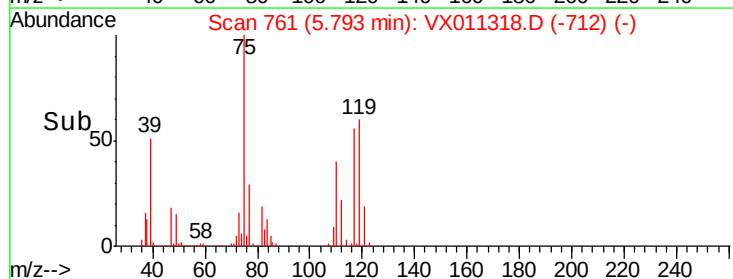
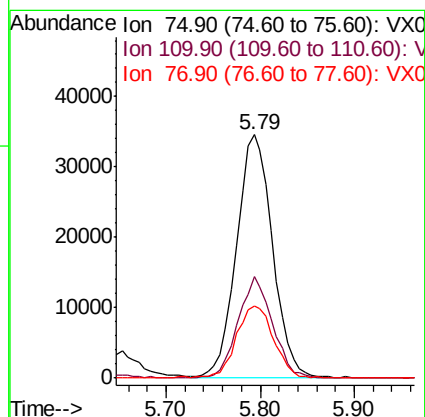
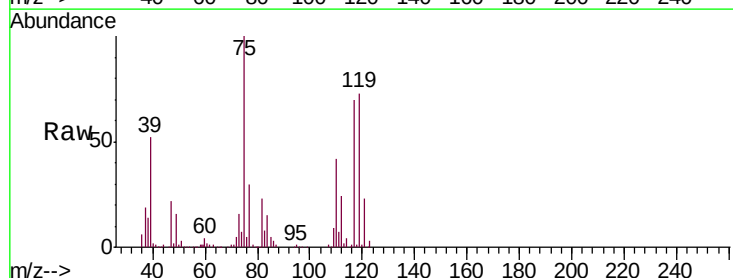
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

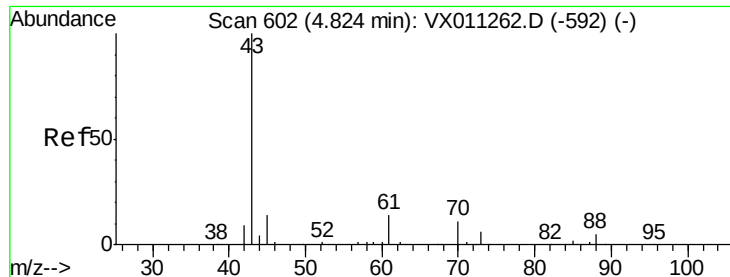
Tgt Ion:113 Resp: 72282
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 22.7 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 45.539 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion: 75 Resp: 91674
 Ion Ratio Lower Upper
 75 100
 110 40.1 20.0 59.9
 77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 48.694 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

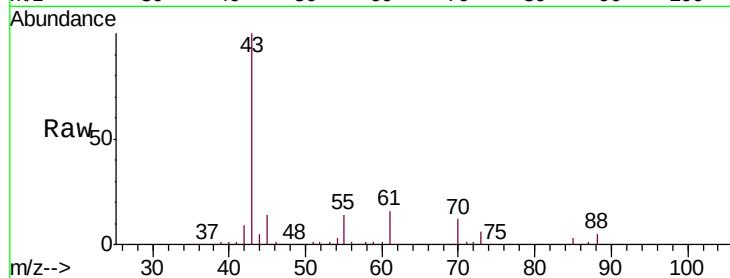
Tgt Ion: 43 Resp: 98326

Ion Ratio Lower Upper

43 100

61 15.8 12.6 18.8

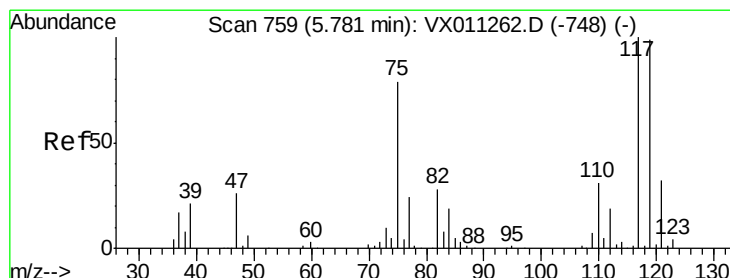
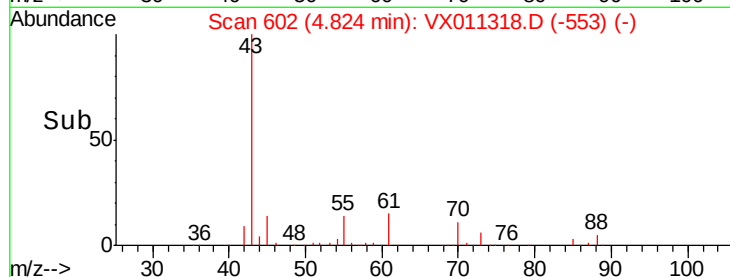
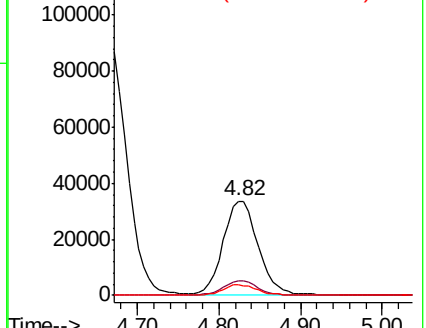
70 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.710 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

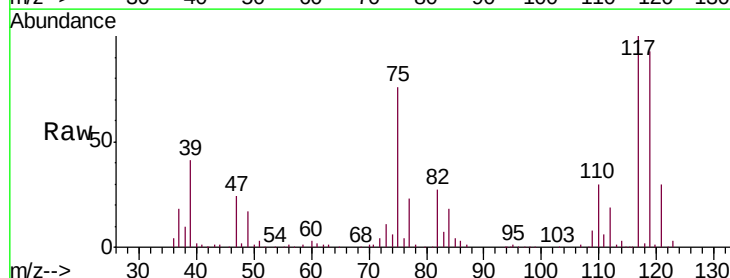
Tgt Ion: 117 Resp: 98653

Ion Ratio Lower Upper

117 100

119 93.0 79.0 118.4

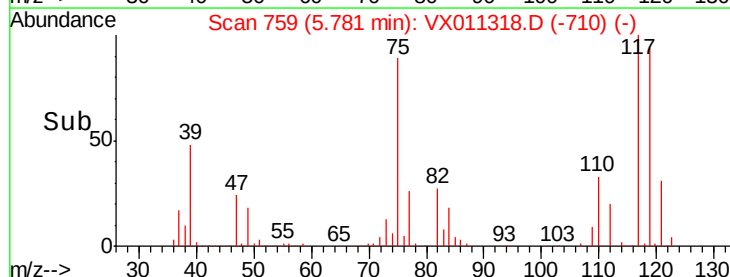
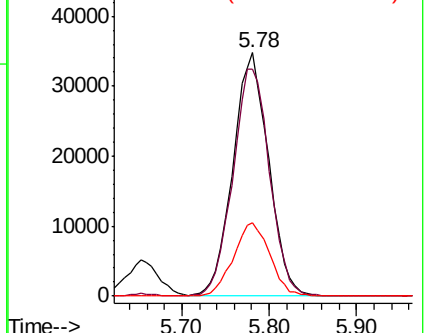
121 30.1 25.9 38.9

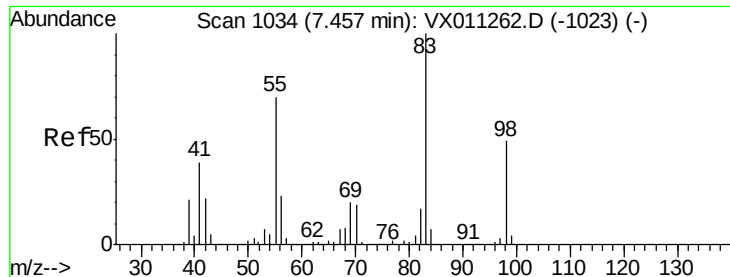


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

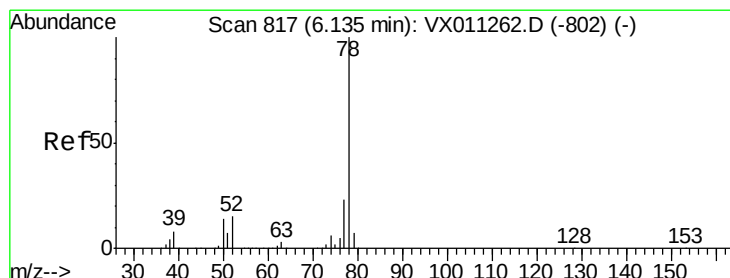
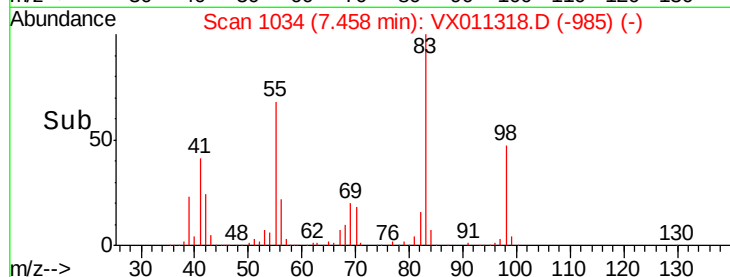
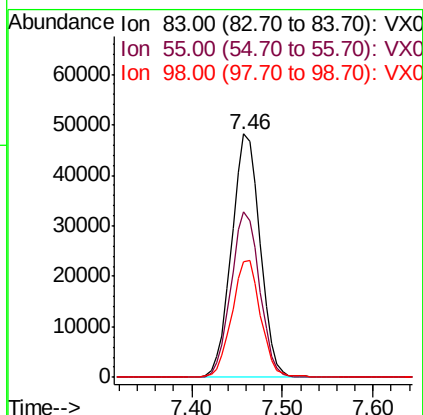
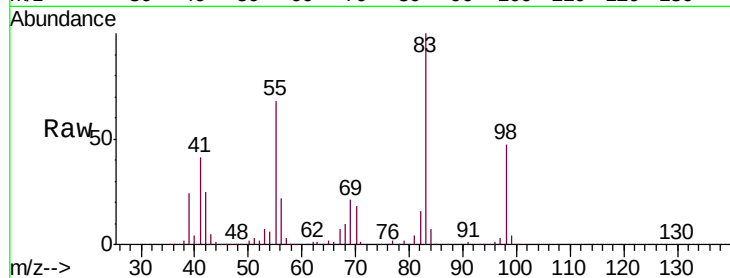




#39
Methylcyclohexane
Concen: 44.115 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

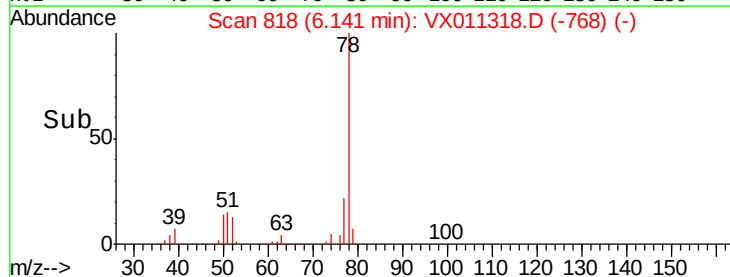
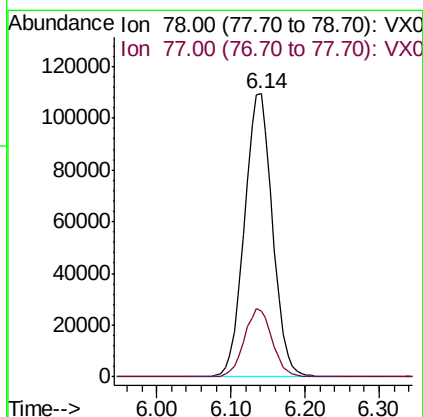
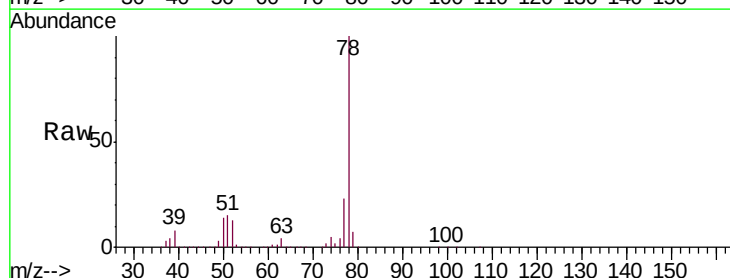
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

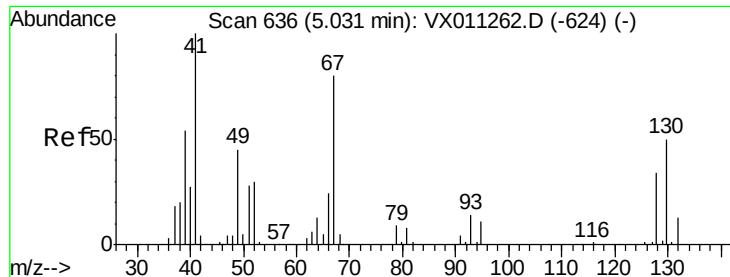
Tgt Ion: 83 Resp: 105265
Ion Ratio Lower Upper
83 100
55 67.8 56.1 84.1
98 47.5 39.0 58.4



#40
Benzene
Concen: 48.111 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion: 78 Resp: 289013
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.2

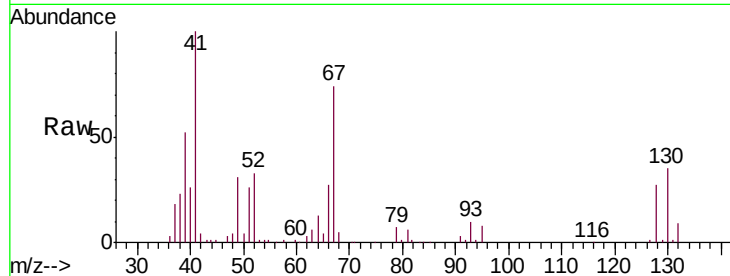




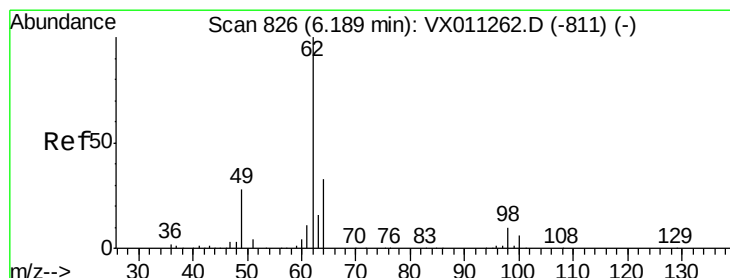
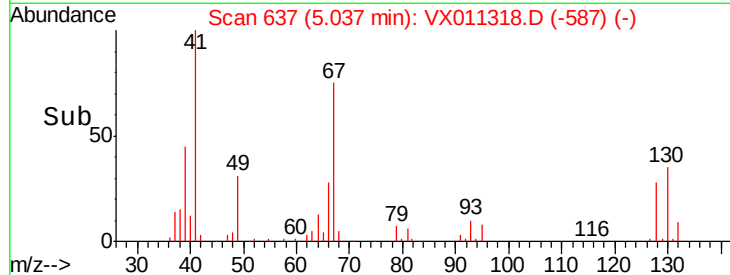
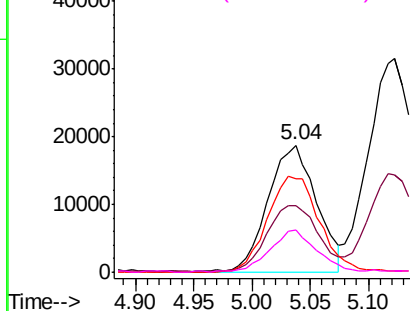
#41
Methacrylonitrile
Concen: 48.681 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 53684
Ion Ratio Lower Upper
41 100
39 57.0 43.0 64.6
67 81.7 65.1 97.7
52 31.4 24.8 37.2

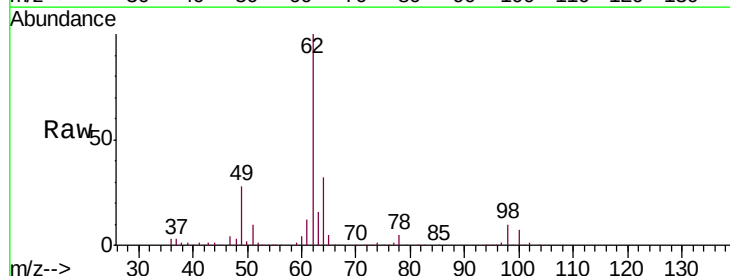


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

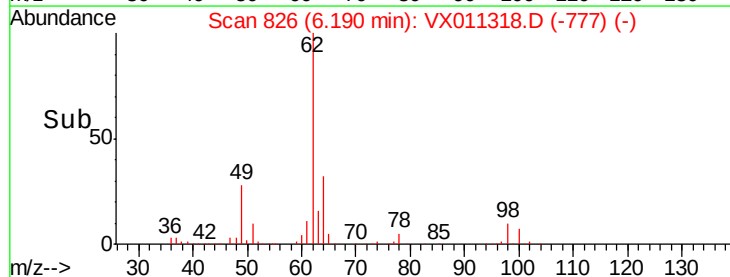
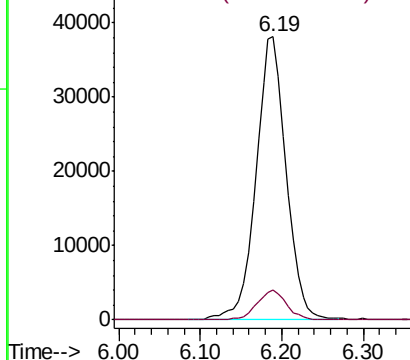


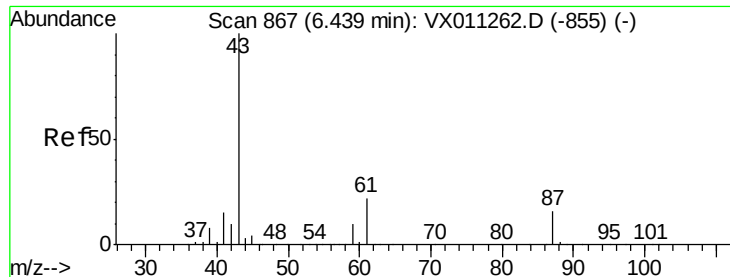
#42
1,2-Dichloroethane
Concen: 48.347 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion: 62 Resp: 98209
Ion Ratio Lower Upper
62 100
98 10.4 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: 49.072 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

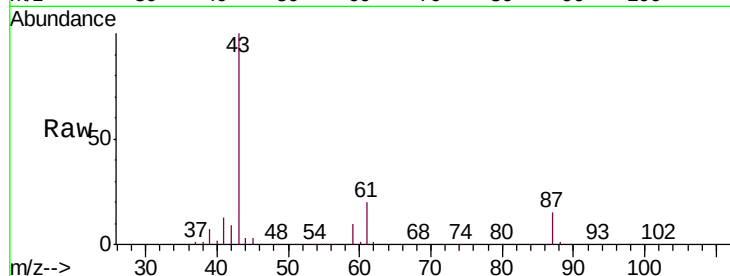
Tgt Ion: 43 Resp: 158420

Ion Ratio Lower Upper

43 100

61 20.8 16.5 24.7

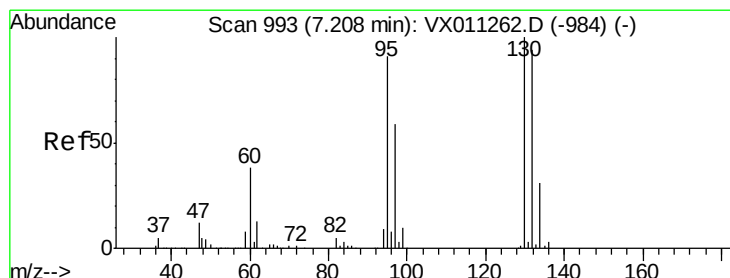
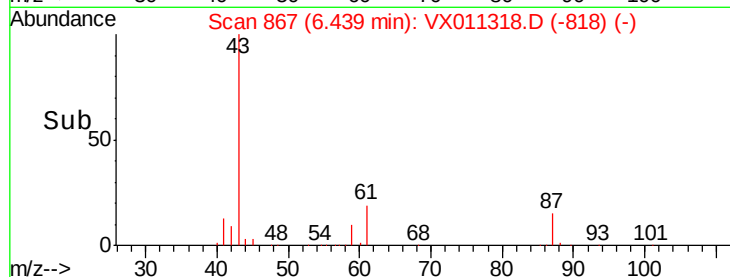
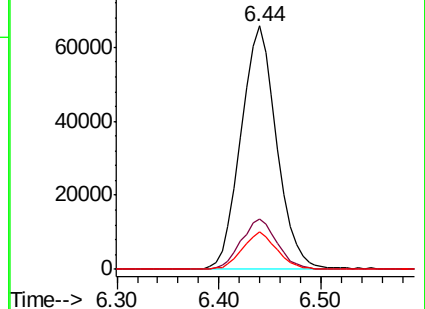
87 15.0 12.1 18.1



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: 45.942 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011318.D

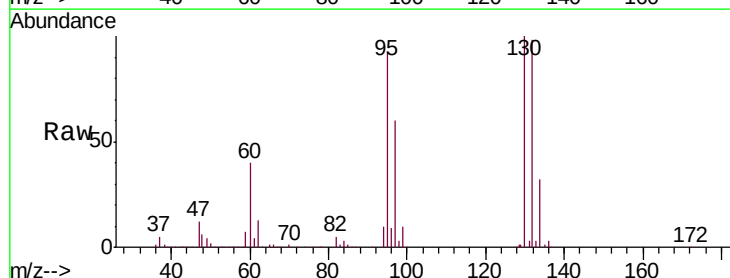
Acq: 02 Aug 2019 20:24

Tgt Ion: 130 Resp: 83535

Ion Ratio Lower Upper

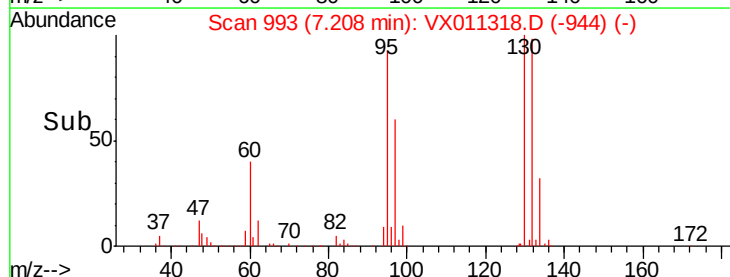
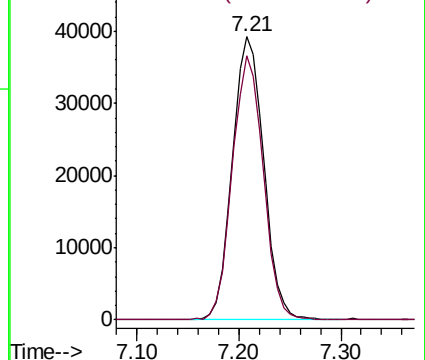
130 100

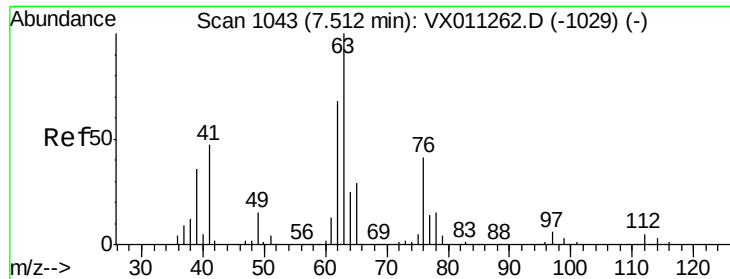
95 93.2 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

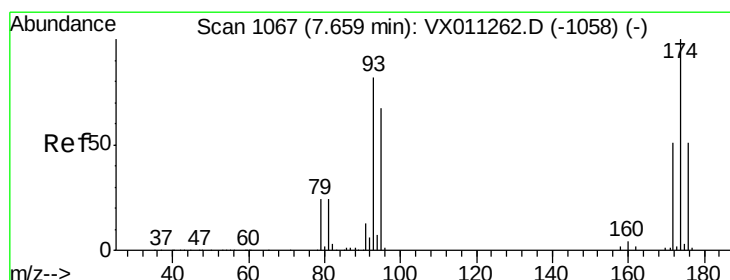
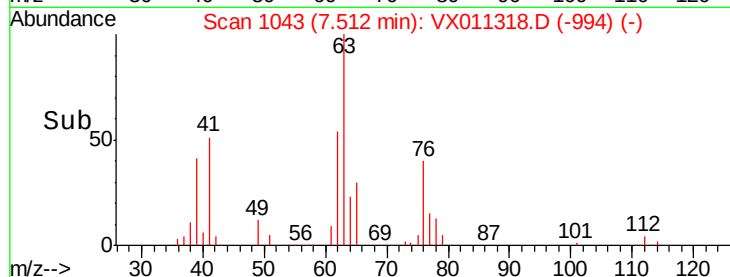
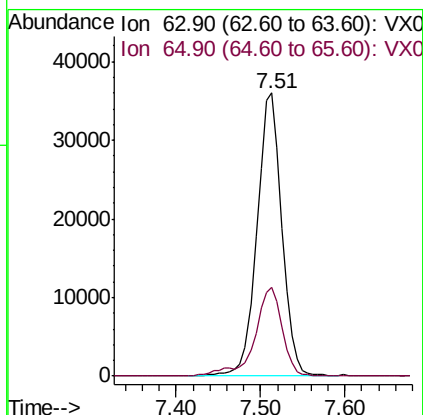
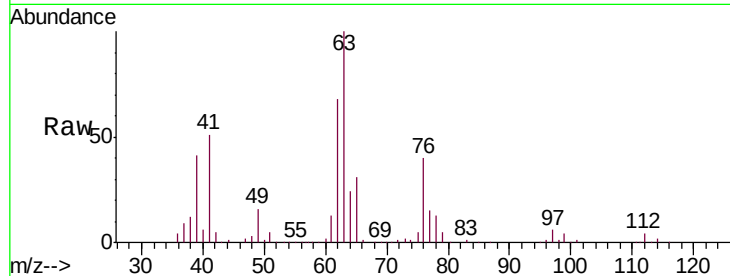




#45
 1,2-Dichloropropane
 Concen: 47.157 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

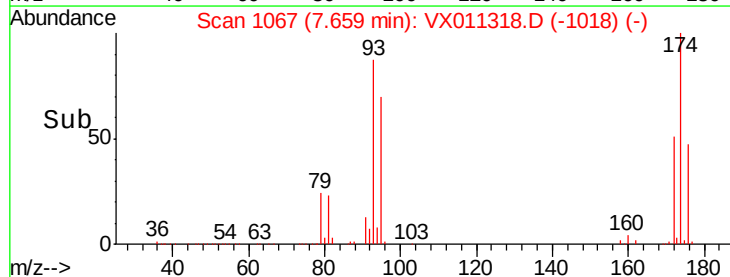
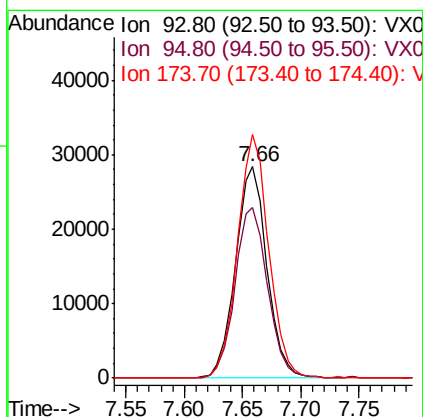
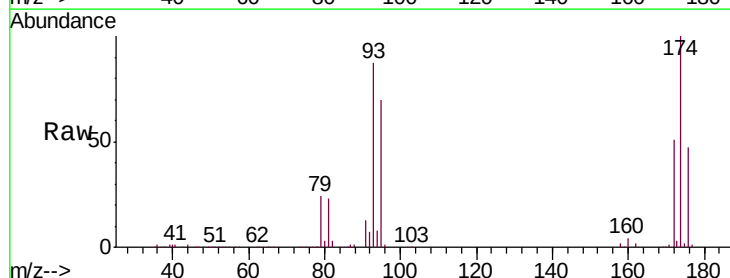
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

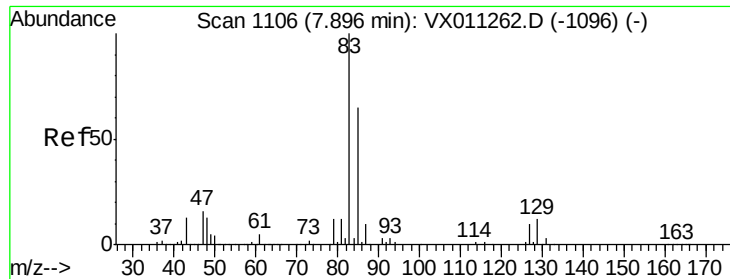
Tgt Ion: 63 Resp: 73365
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.3 34.9



#46
 Dibromomethane
 Concen: 47.230 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion: 93 Resp: 53640
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.4 99.6
 174 114.0 93.4 140.2





#47

Bromodichloromethane

Concen: 49.344 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

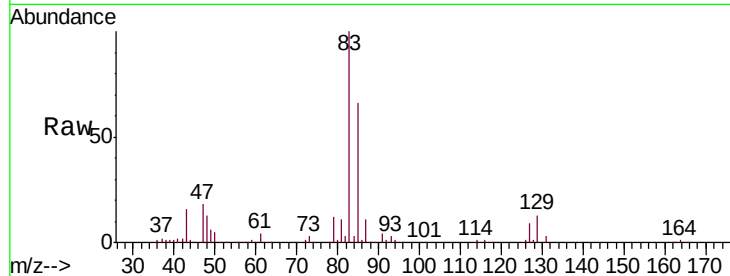
Tgt Ion: 83 Resp: 94882

Ion Ratio Lower Upper

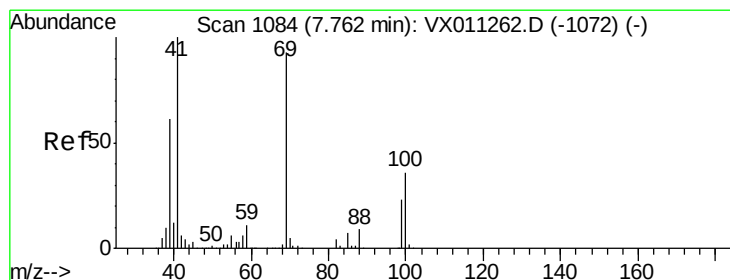
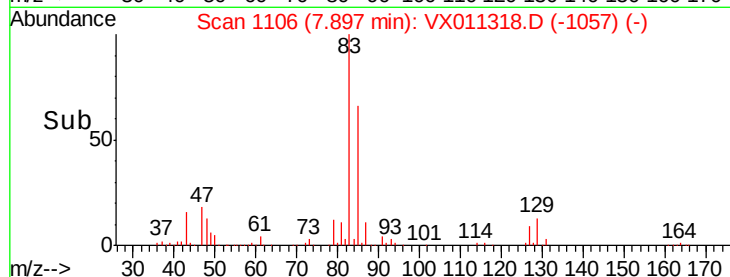
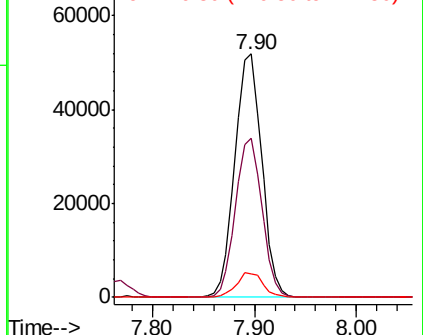
83 100

85 65.5 52.2 78.2

127 9.5 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: 50.567 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

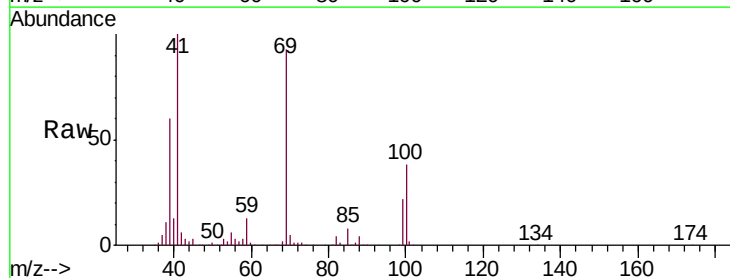
Tgt Ion: 41 Resp: 76827

Ion Ratio Lower Upper

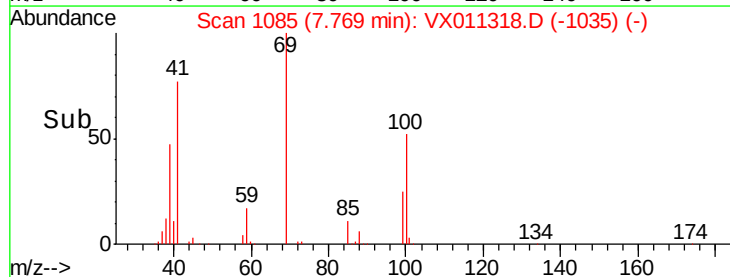
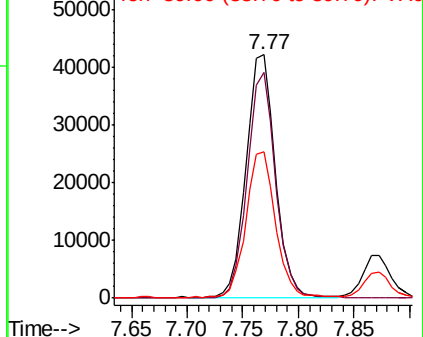
41 100

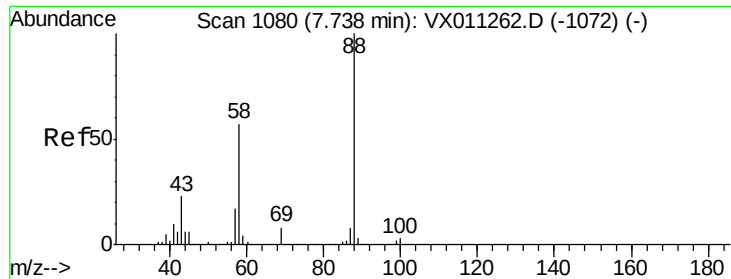
69 90.5 74.5 111.7

39 60.1 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

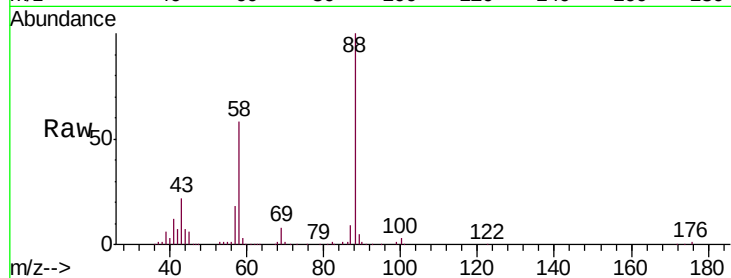




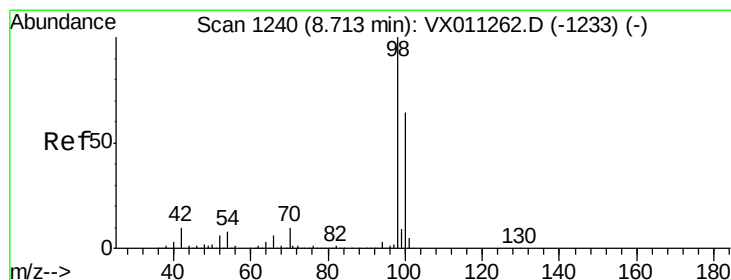
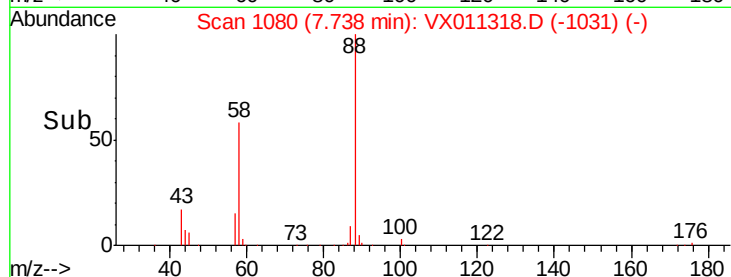
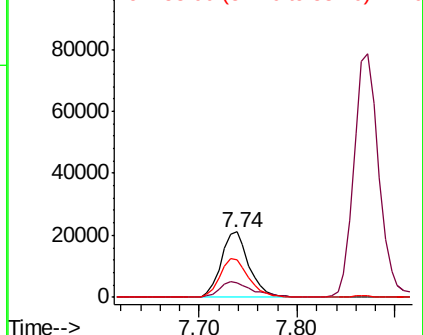
#49
 1,4-Dioxane
 Concen: 945.561 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 41648
 Ion Ratio Lower Upper
 88 100
 43 27.6 22.2 33.2
 58 60.3 47.8 71.8

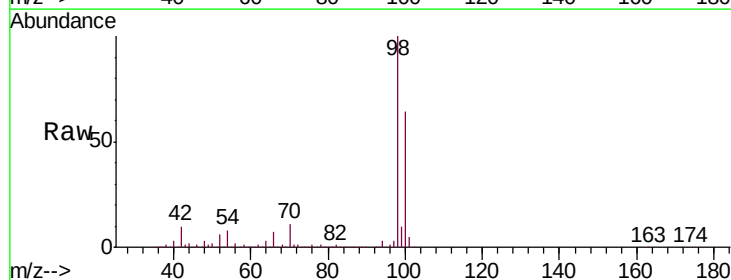


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

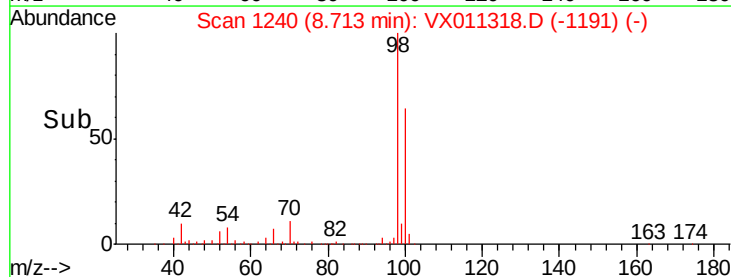
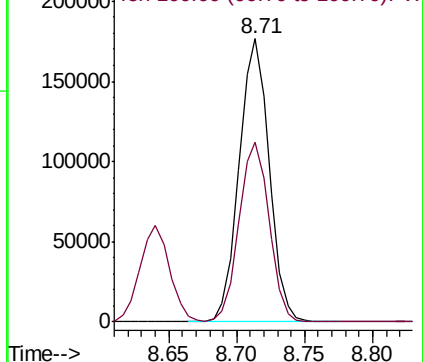


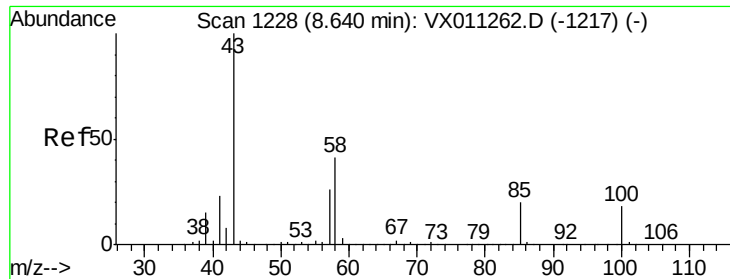
#50
 Toluene-d8
 Concen: 47.788 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion: 98 Resp: 271541
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 261.160 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

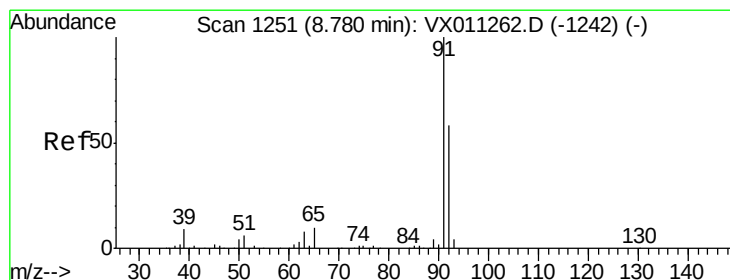
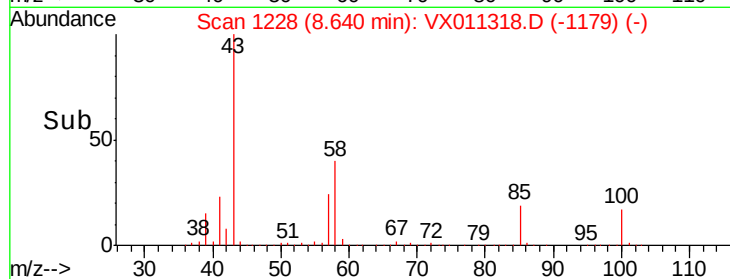
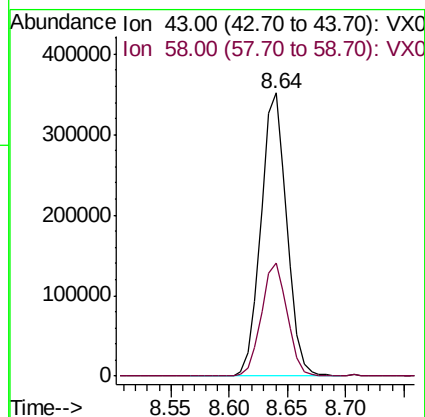
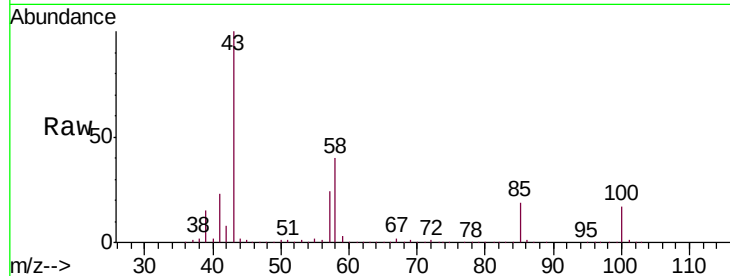
VSTDCCC050EC

Tgt Ion: 43 Resp: 544112

Ion Ratio Lower Upper

43 100

58 40.0 32.3 48.5



#52

Toluene

Concen: 48.135 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011318.D

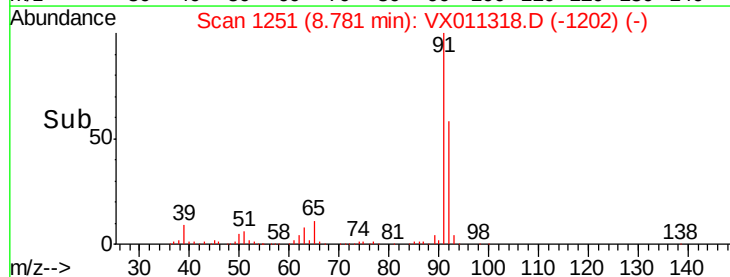
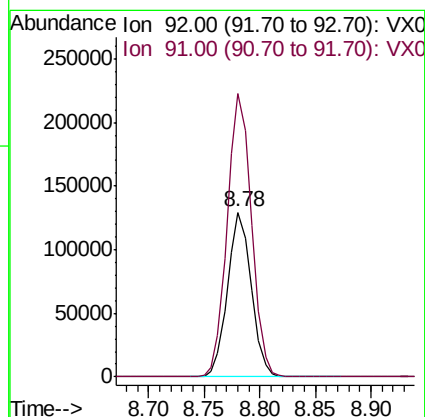
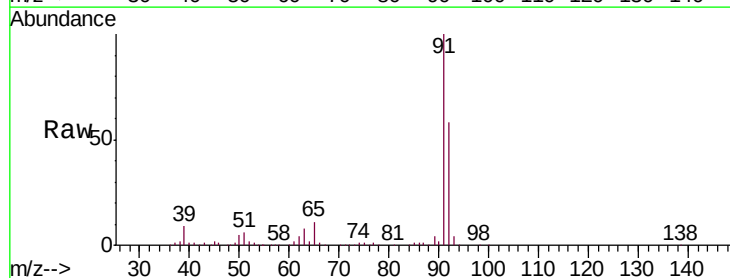
Acq: 02 Aug 2019 20:24

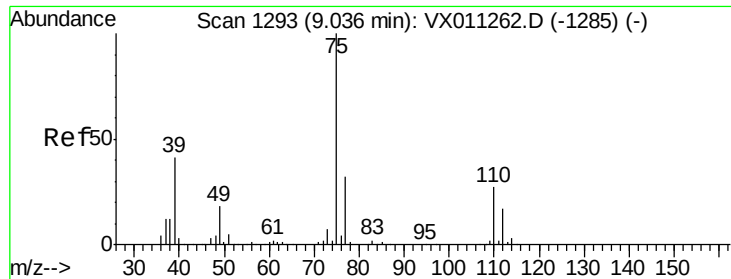
Tgt Ion: 92 Resp: 191180

Ion Ratio Lower Upper

92 100

91 176.0 139.4 209.0

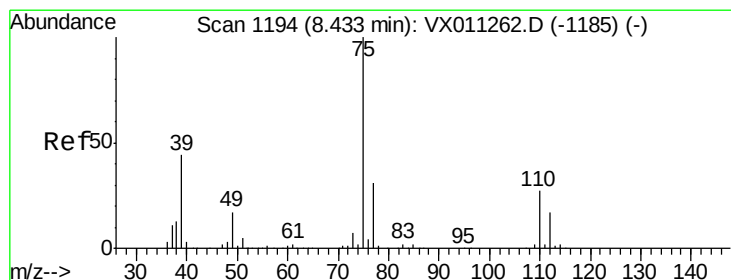
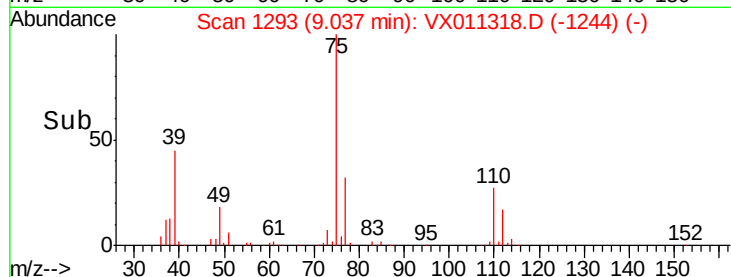
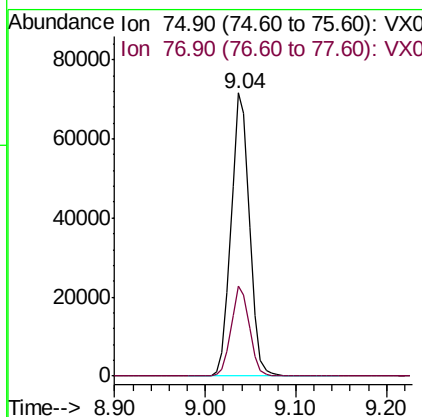
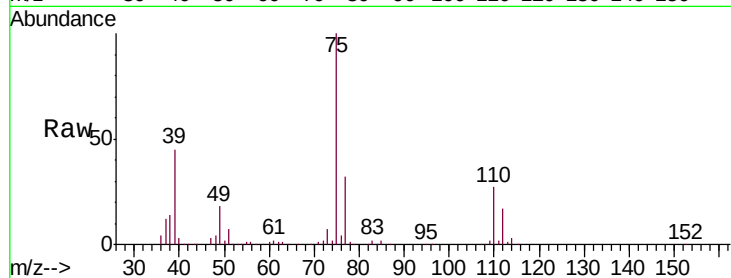




#53
 t-1,3-Dichloropropene
 Concen: 45.275 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

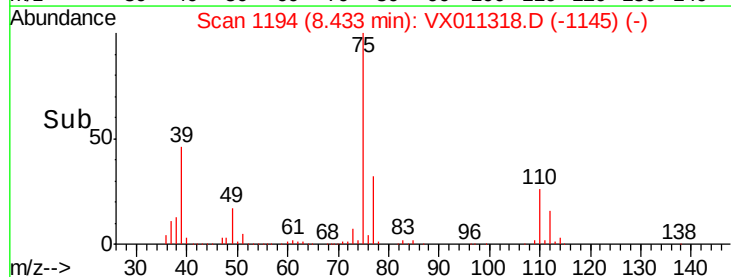
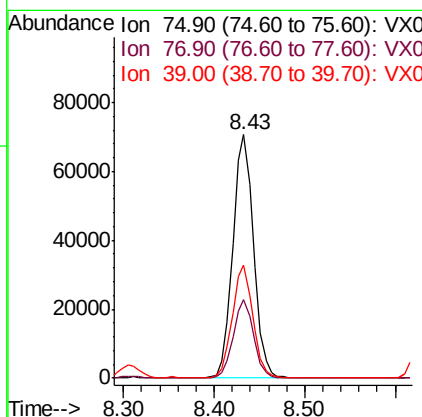
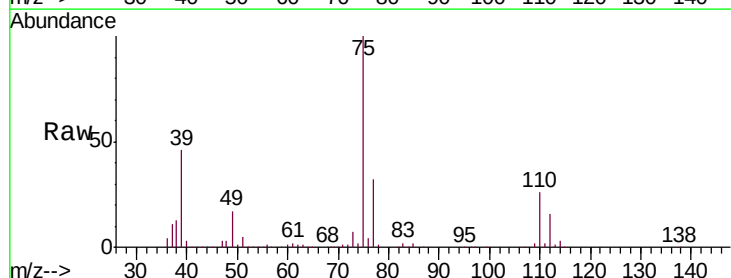
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

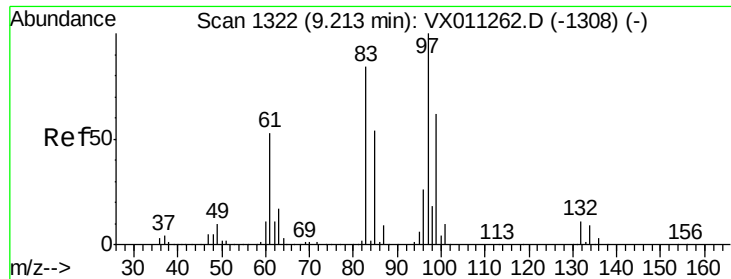
Tgt Ion: 75 Resp: 100751
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.734 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion: 75 Resp: 111710
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.6
 39 46.1 35.3 52.9

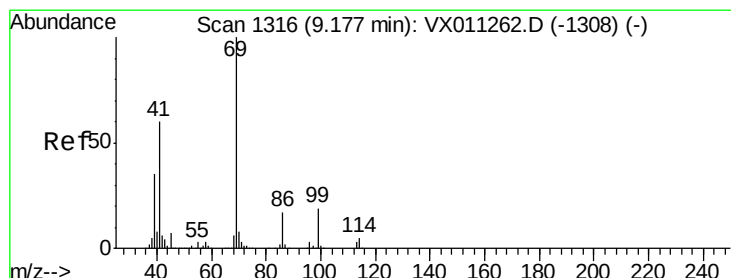
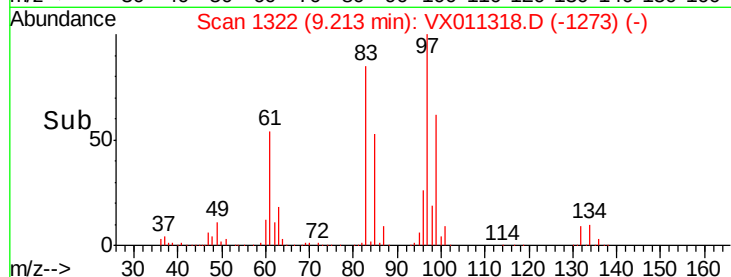
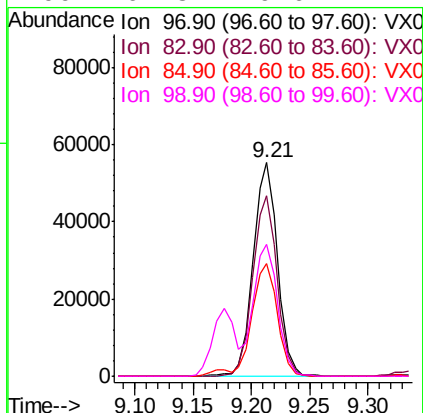
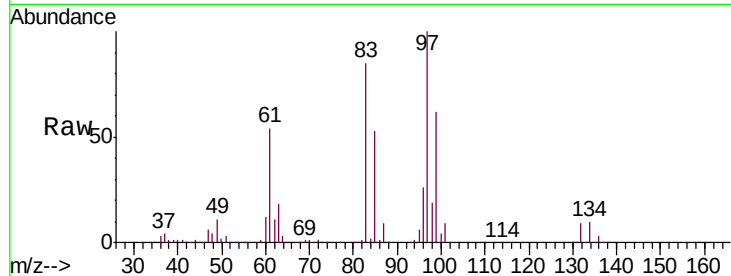




#55
 1,1,2-Trichloroethane
 Concen: 49.438 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

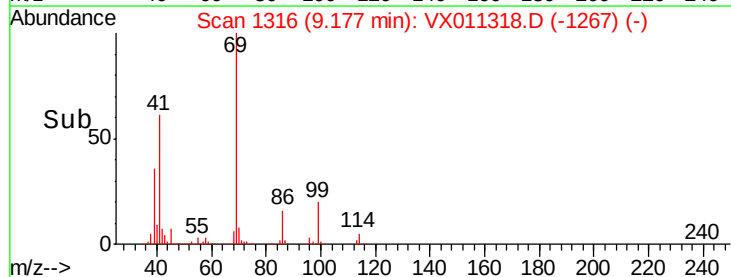
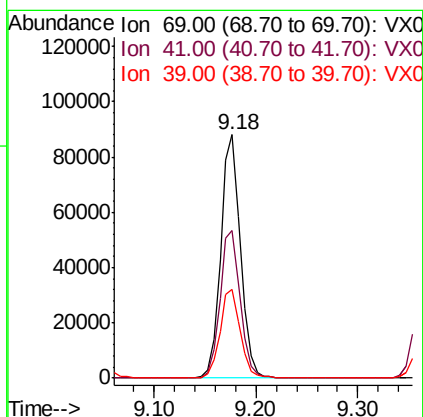
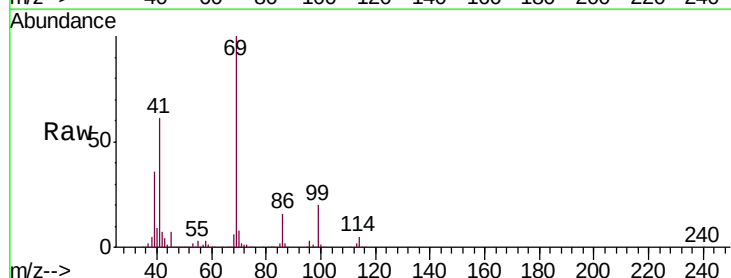
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

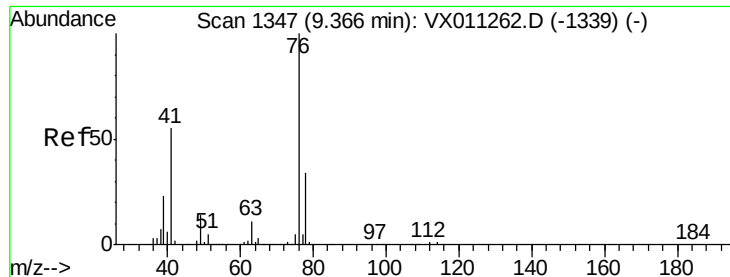
Tgt Ion:	97	Resp:	80733
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.6	101.4
85	52.8	43.4	65.0
99	61.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 50.921 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion:	69	Resp:	118501
Ion	Ratio	Lower	Upper
69	100		
41	62.1	48.6	73.0
39	37.4	29.4	44.2

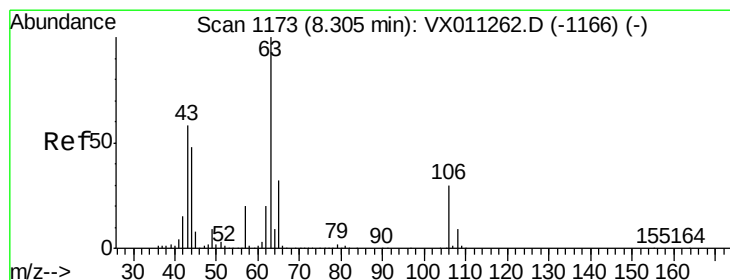
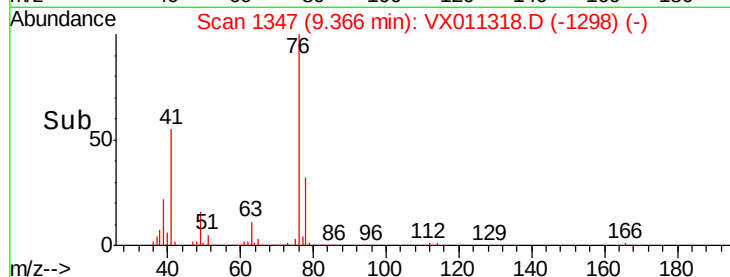
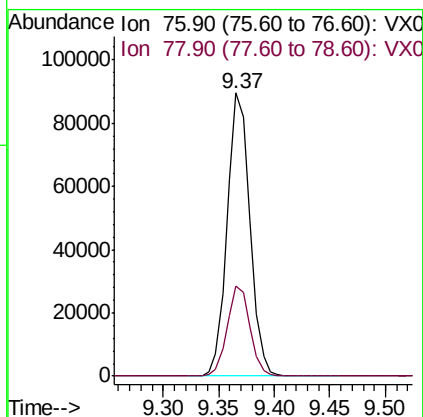
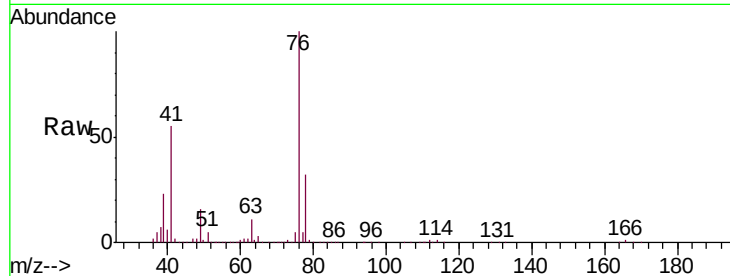




#57
 1,3-Dichloropropane
 Concen: 49.007 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

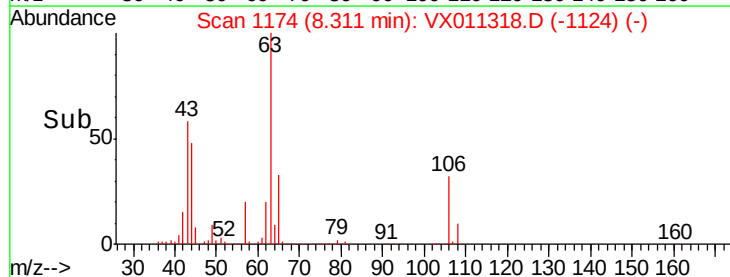
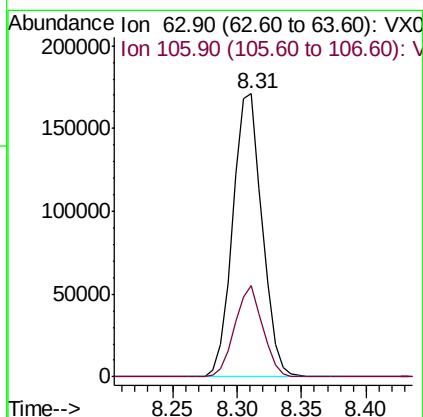
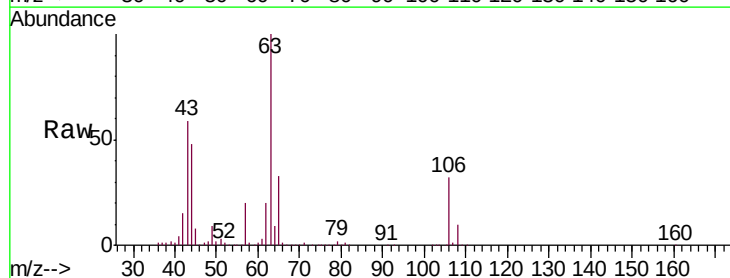
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

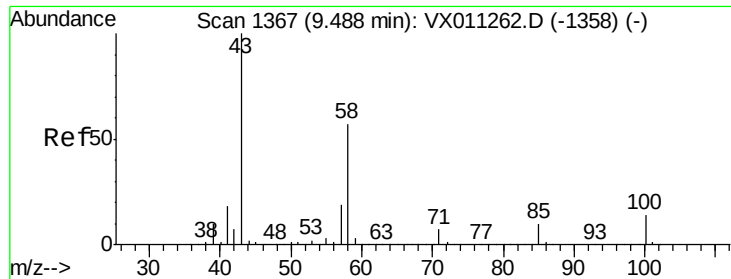
Tgt Ion: 76 Resp: 126565
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.246 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion: 63 Resp: 271464
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.4 36.6

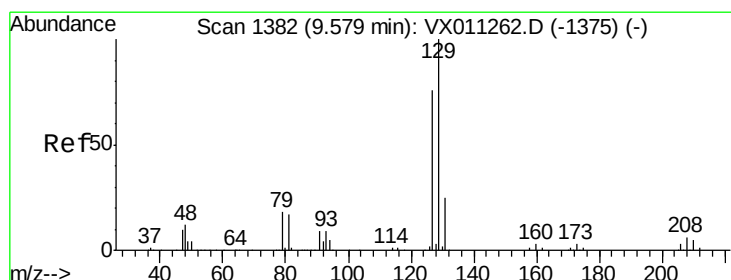
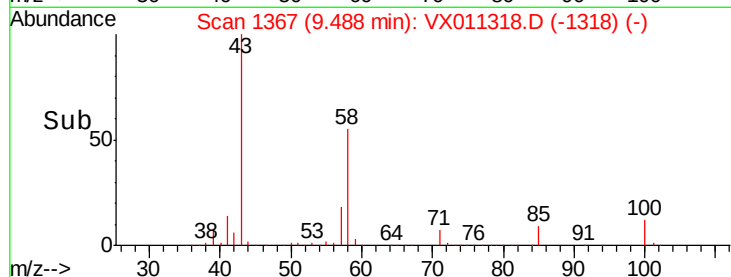
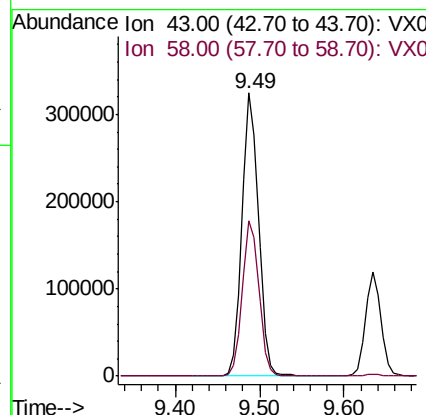
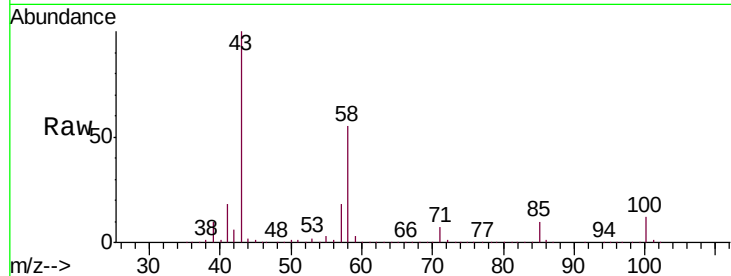




#59
 2-Hexanone
 Concen: 265.040 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

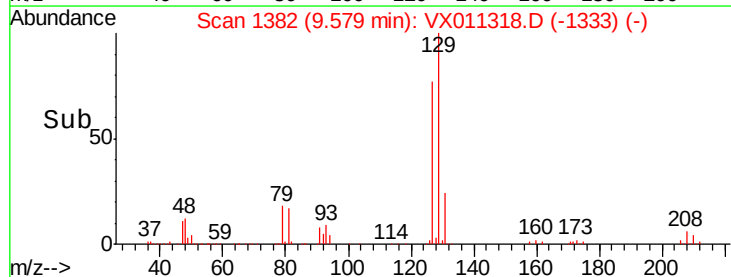
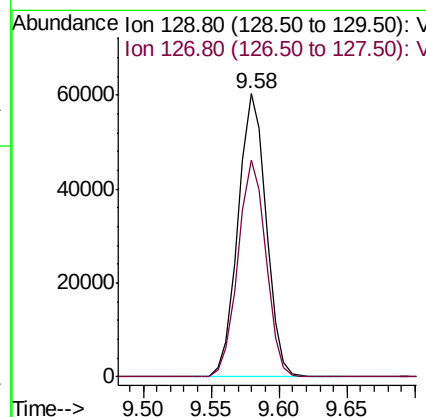
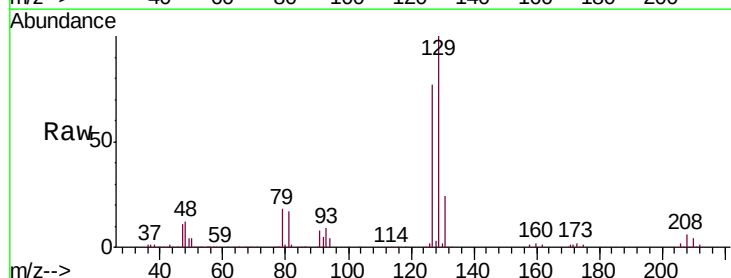
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

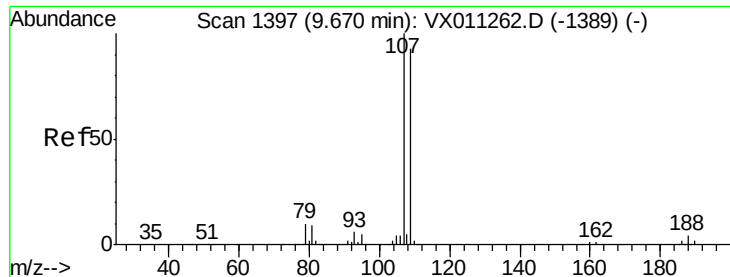
Tgt Ion: 43 Resp: 427711
 Ion Ratio Lower Upper
 43 100
 58 55.1 28.2 84.6



#60
 Dibromochloromethane
 Concen: 51.922 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion: 129 Resp: 86808
 Ion Ratio Lower Upper
 129 100
 127 75.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 49.045 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

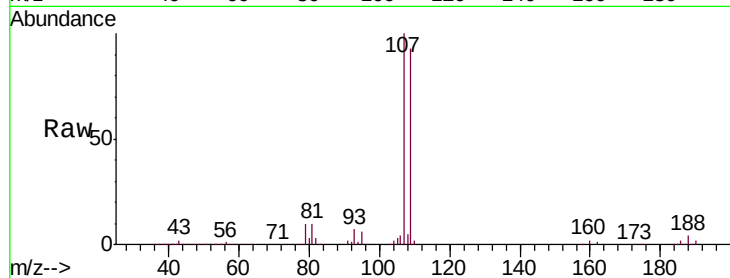
VSTDCCC050EC

Tgt Ion: 107 Resp: 86531

Ion Ratio Lower Upper

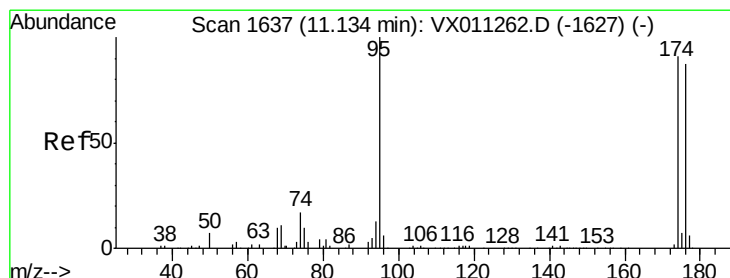
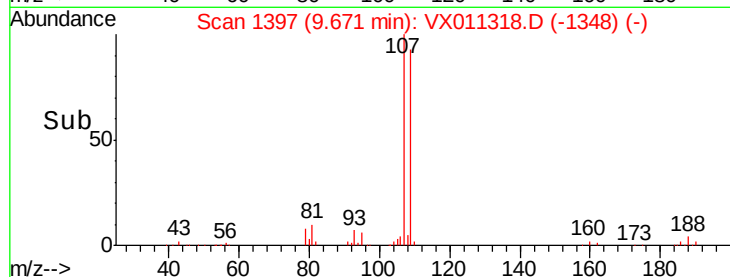
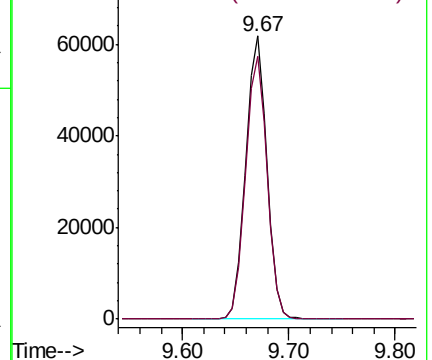
107 100

109 95.0 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.015 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

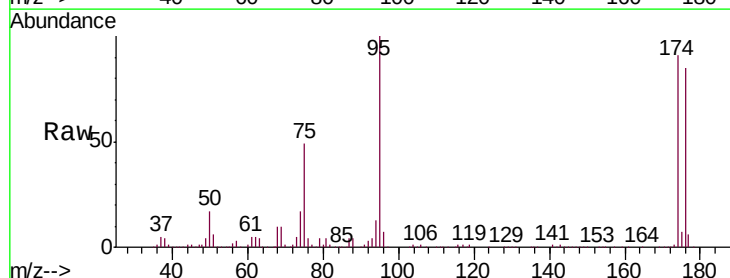
Tgt Ion: 95 Resp: 99437

Ion Ratio Lower Upper

95 100

174 95.0 0.0 191.2

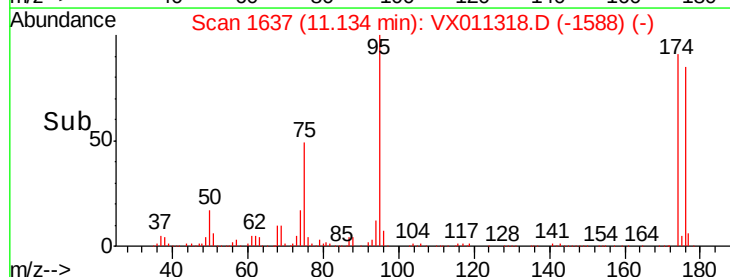
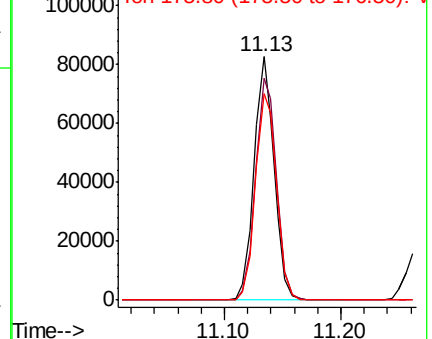
176 89.4 0.0 184.8

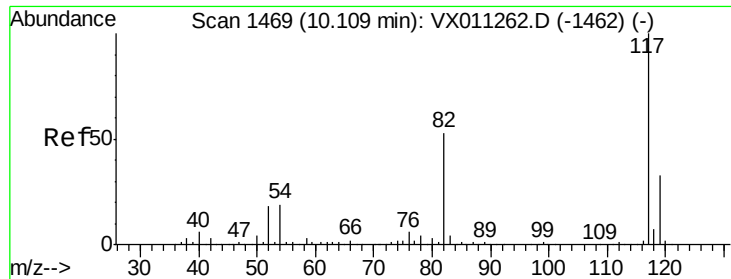


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

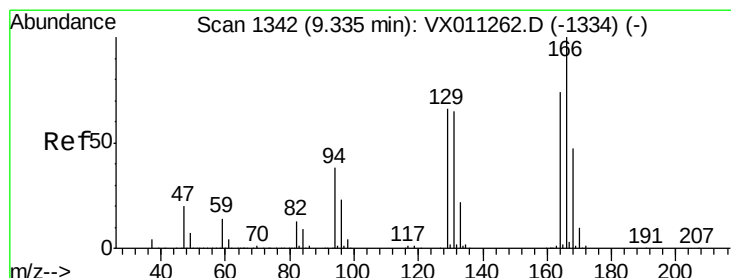
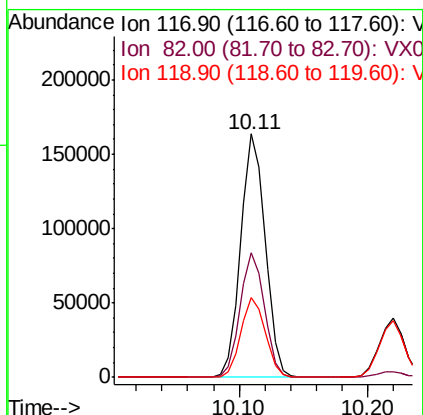
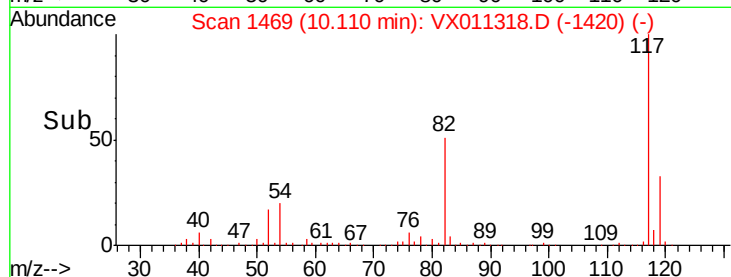
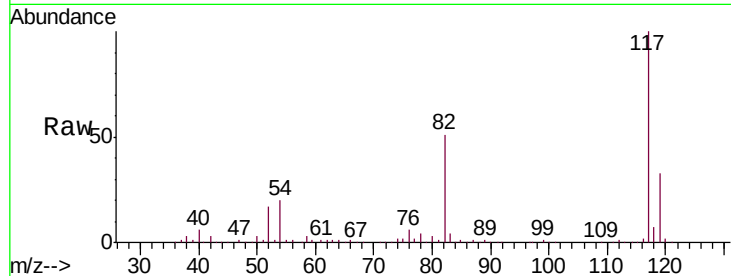




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

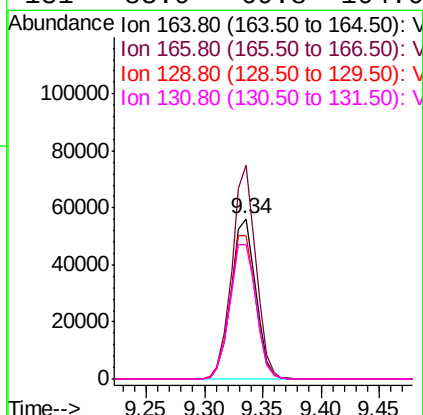
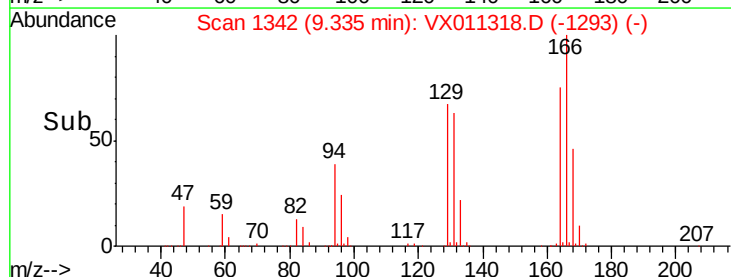
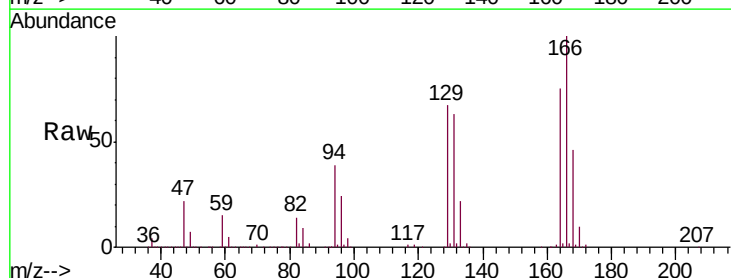
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

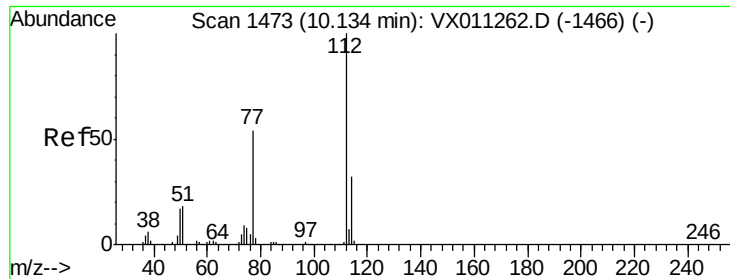
Tgt Ion:117 Resp: 215722
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.2
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 45.394 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion:164 Resp: 83161
Ion Ratio Lower Upper
164 100
166 133.1 107.5 161.3
129 89.2 71.0 106.4
131 83.9 69.8 104.6

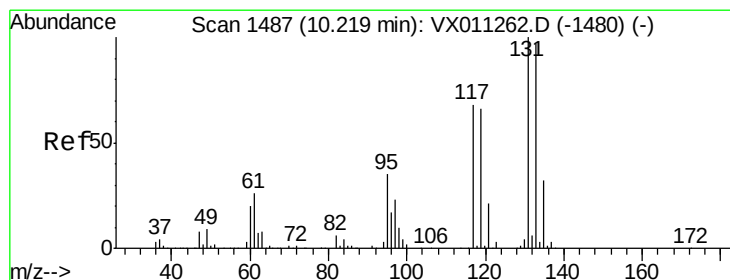
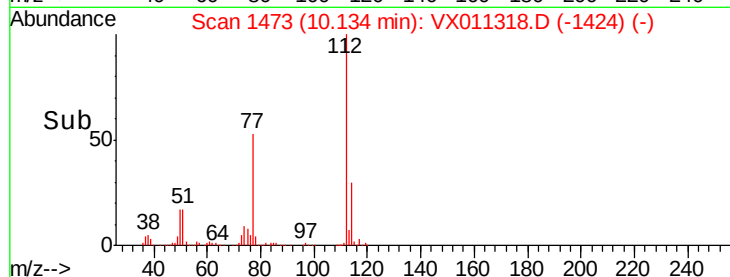
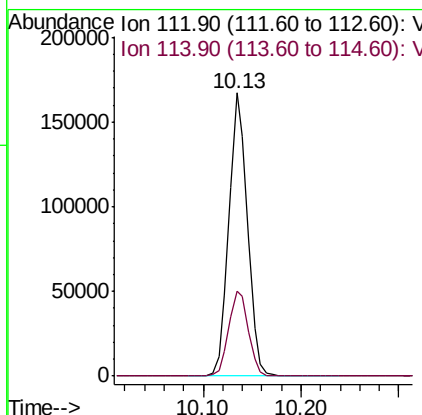
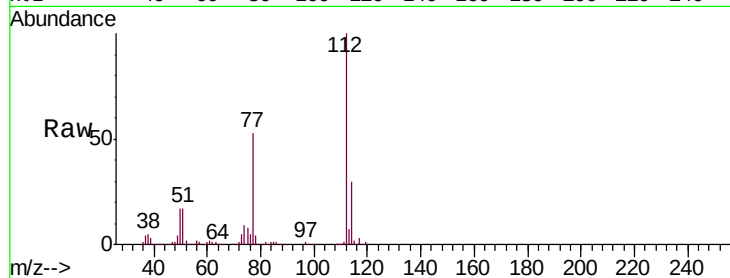




#65
Chlorobenzene
Concen: 47.608 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

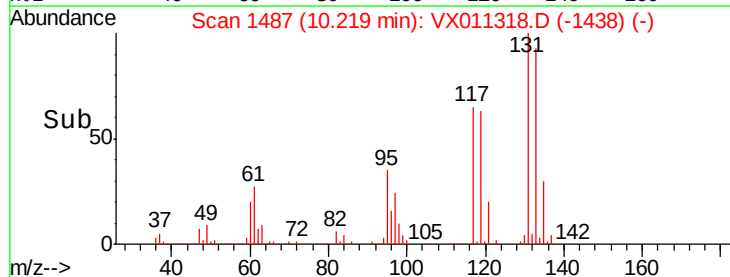
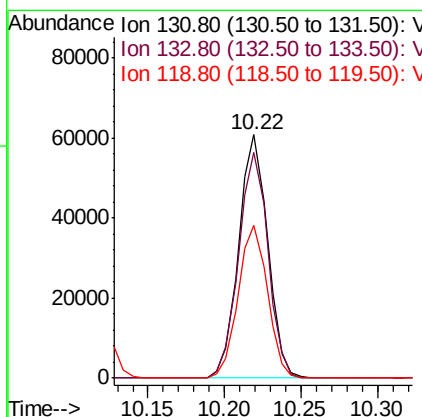
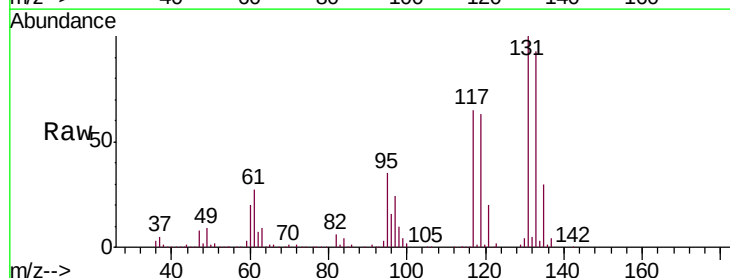
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

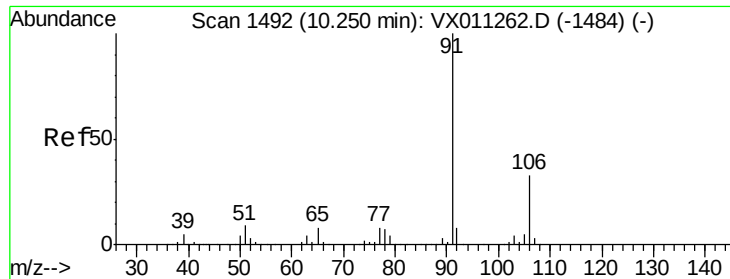
Tgt Ion:112 Resp: 220204
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.531 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion:131 Resp: 80016
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 63.7 32.8 98.3

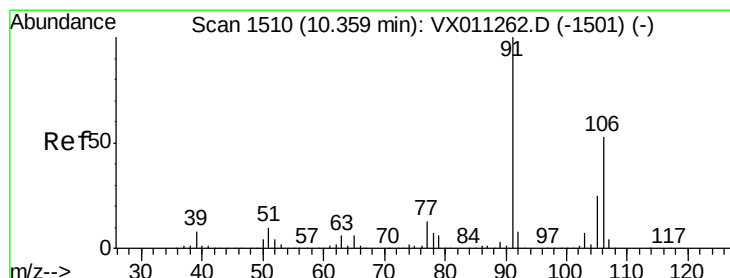
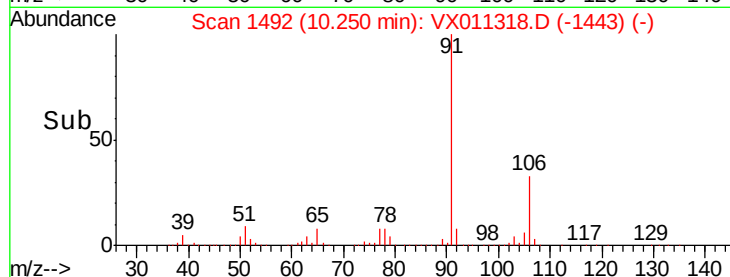
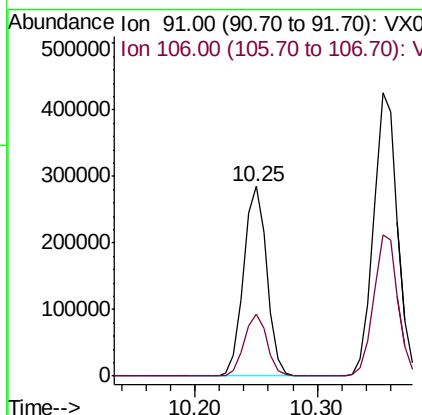
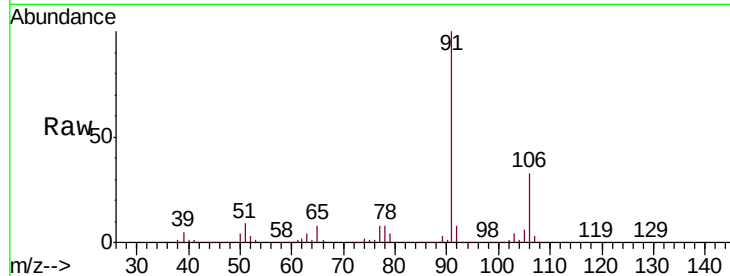




#67
Ethyl Benzene
Concen: 48.488 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

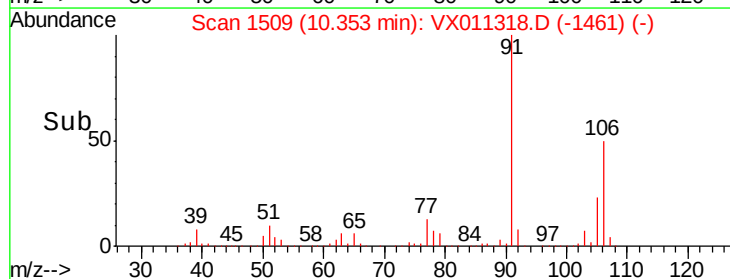
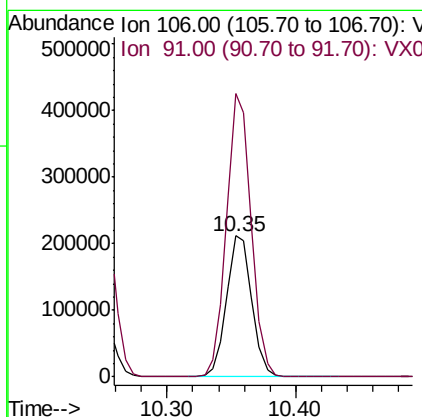
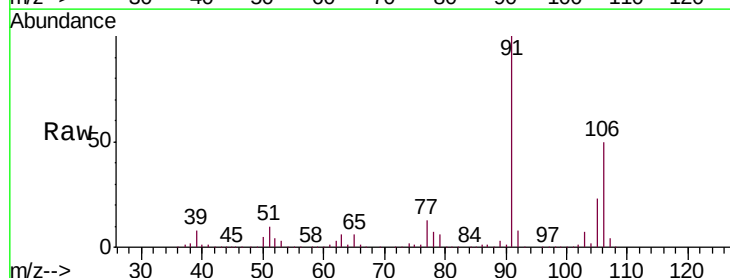
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

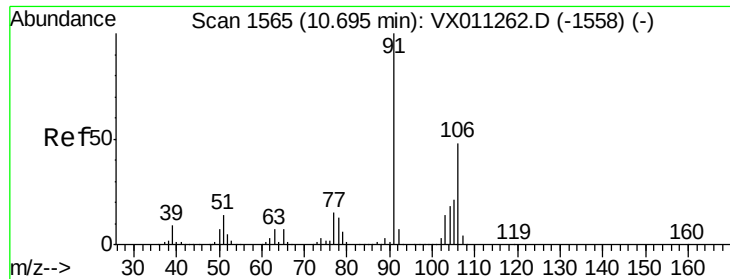
Tgt Ion: 91 Resp: 375607
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.4



#68
m/p-Xylenes
Concen: 97.346 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion: 106 Resp: 291674
Ion Ratio Lower Upper
106 100
91 197.4 155.9 233.9

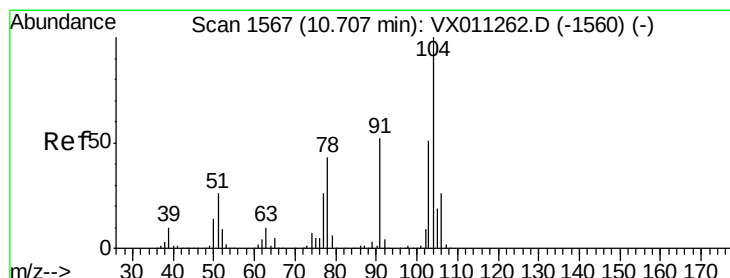
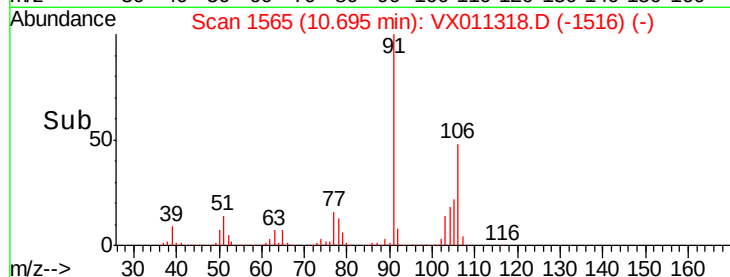
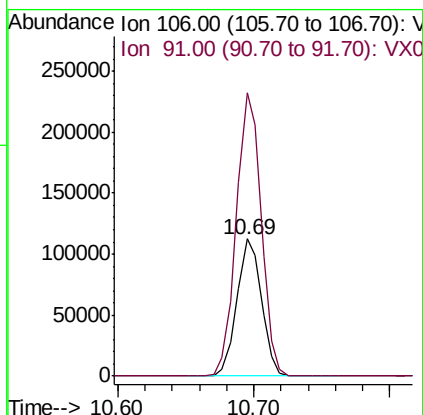
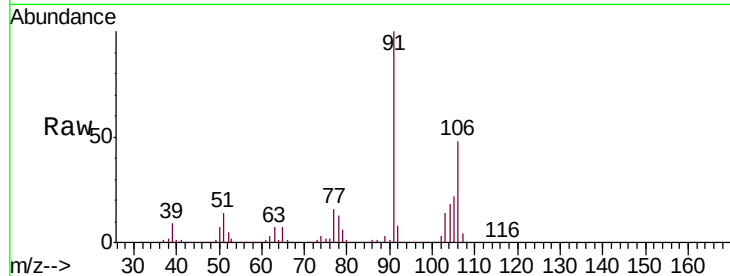




#69
o-Xylene
Concen: 48.197 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

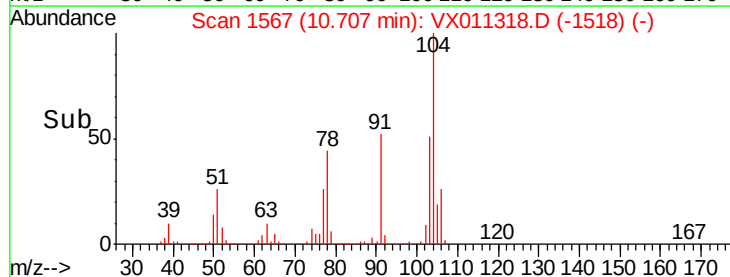
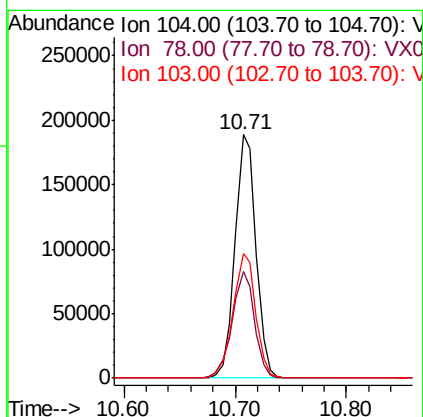
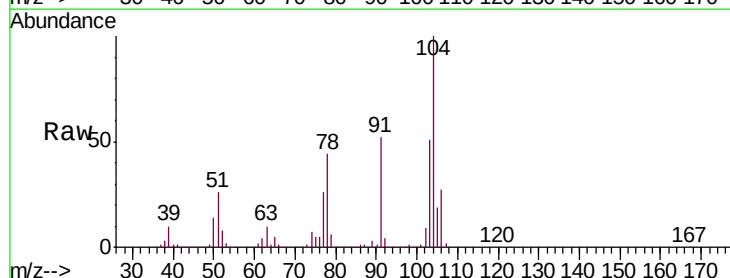
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

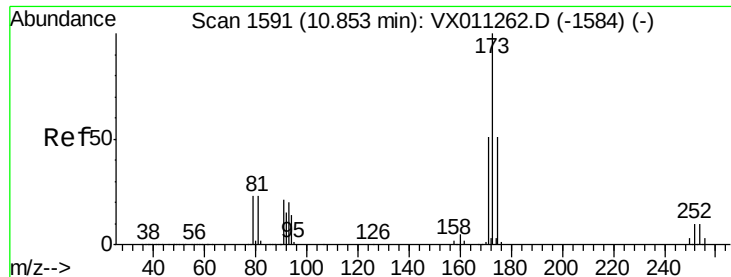
Tgt Ion:106 Resp: 141888
Ion Ratio Lower Upper
106 100
91 209.2 103.8 311.3



#70
Styrene
Concen: 50.515 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion:104 Resp: 246067
Ion Ratio Lower Upper
104 100
78 46.8 36.9 55.3
103 55.1 44.4 66.6





#71

Bromoform

Concen: 45.090 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

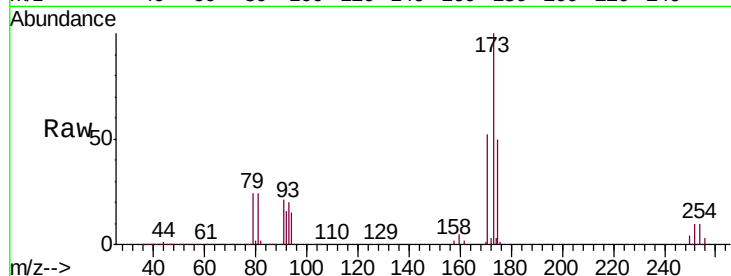
Tgt Ion:173 Resp: 63424

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.4

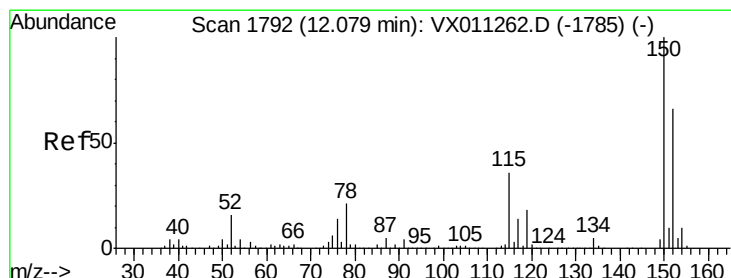
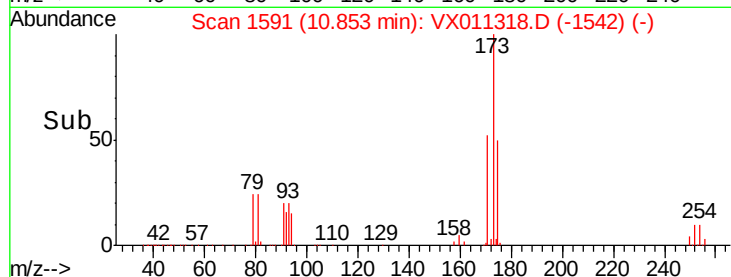
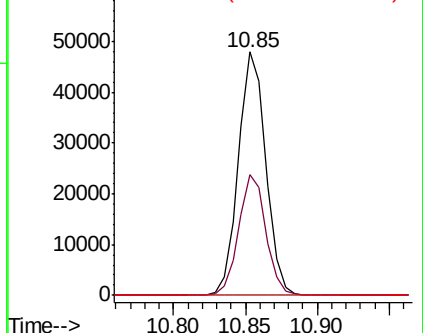
254 0.1 0.2 0.2#



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: VX011318.D

Acq: 02 Aug 2019 20:24

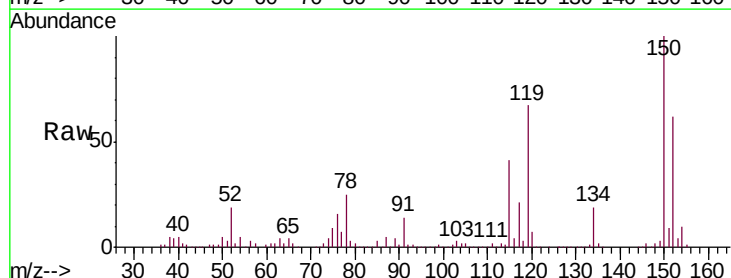
Tgt Ion:152 Resp: 117013

Ion Ratio Lower Upper

152 100

115 77.6 40.0 119.9

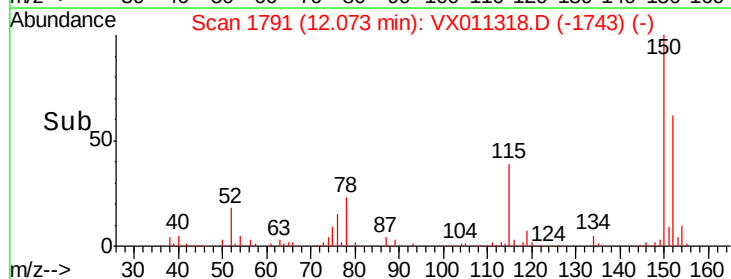
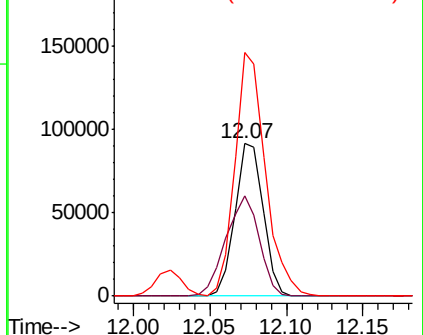
150 173.1 0.0 350.4

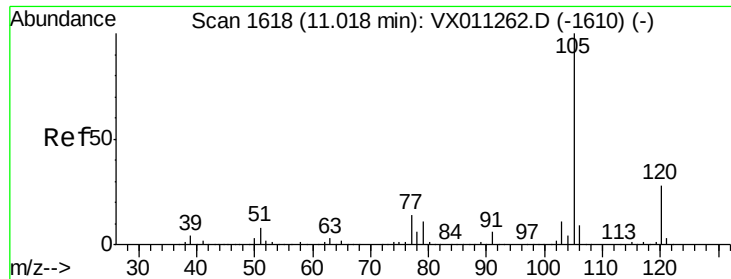


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

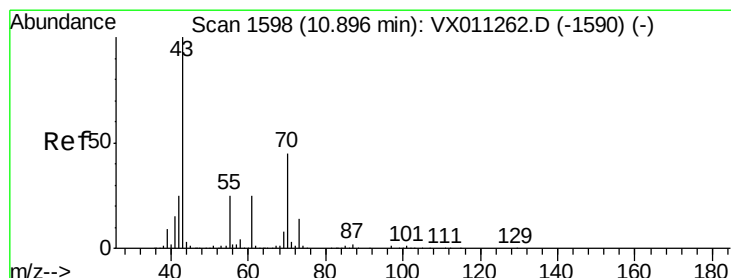
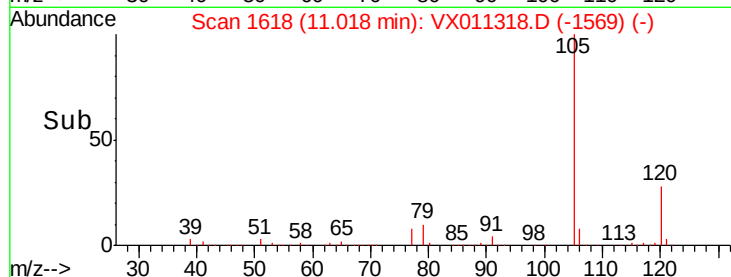
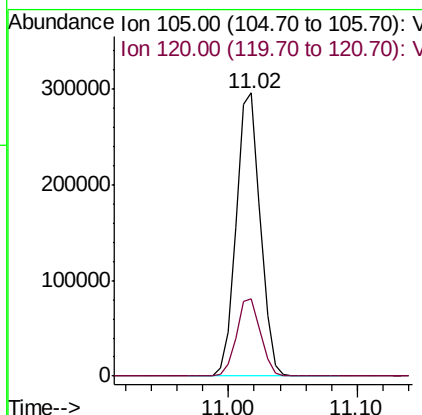
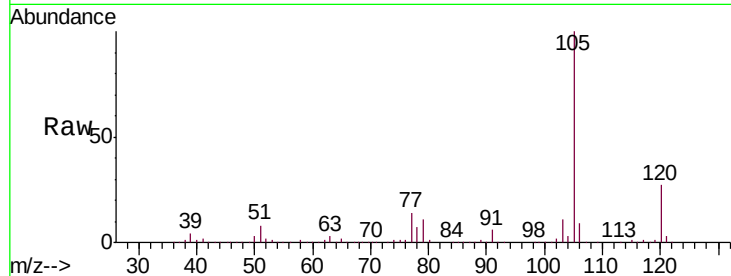




#73
Isopropylbenzene
Concen: 47.942 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

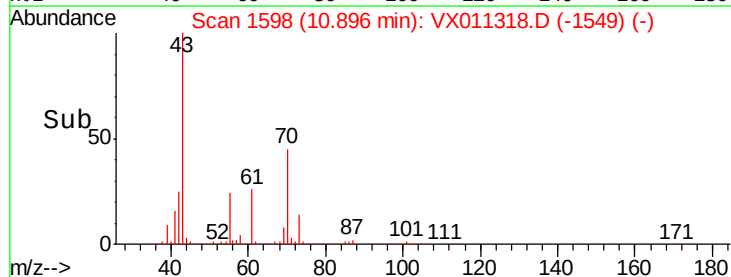
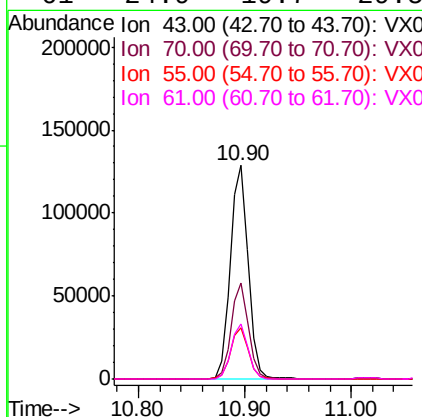
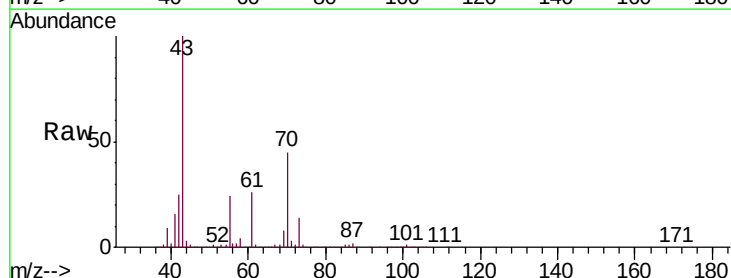
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

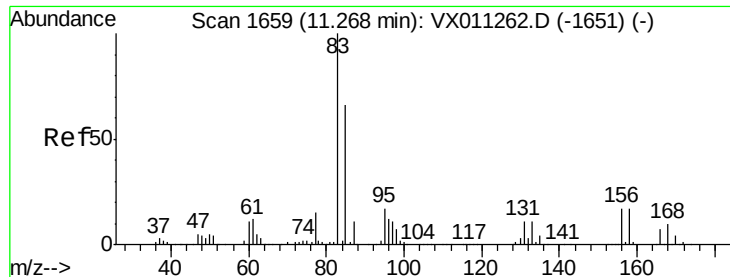
Tgt Ion: 105 Resp: 383672
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.1



#74
N-ethyl acetate
Concen: 52.078 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion: 43 Resp: 150592
Ion Ratio Lower Upper
43 100
70 43.9 35.9 53.9
55 23.9 19.8 29.6
61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.997 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

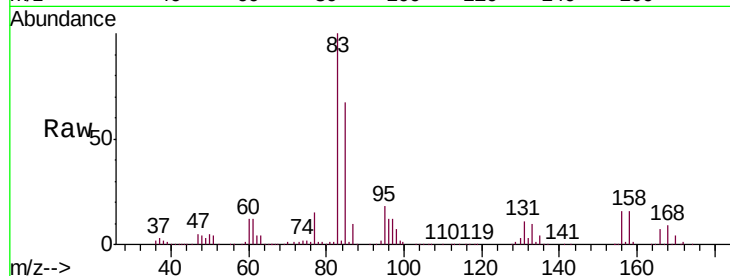
Tgt Ion: 83 Resp: 130673

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

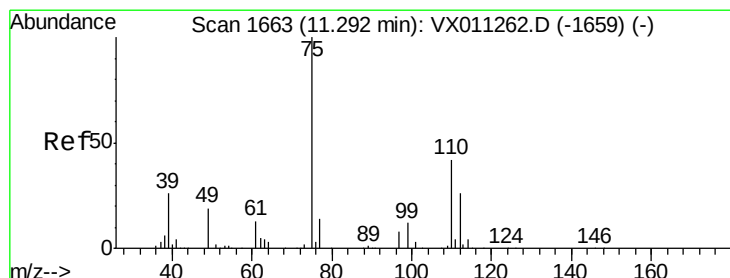
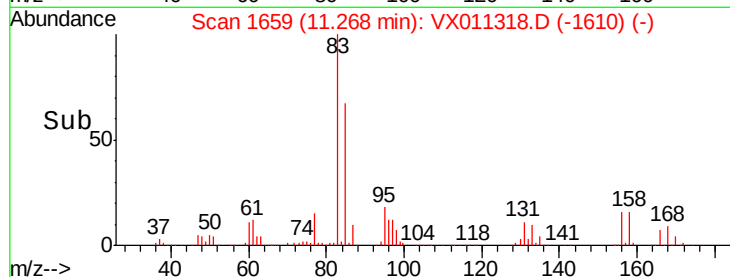
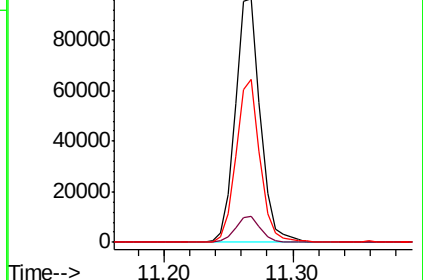
85 64.1 32.1 96.5



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: 64.163 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011318.D

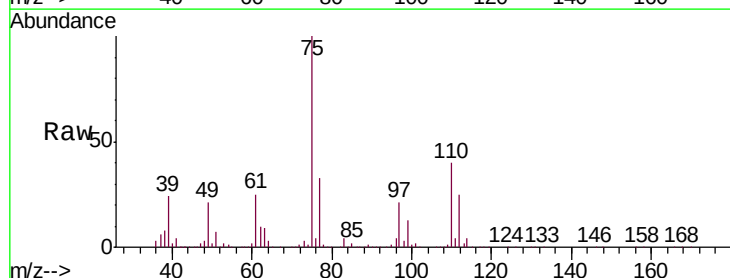
Acq: 02 Aug 2019 20:24

Tgt Ion: 75 Resp: 136729

Ion Ratio Lower Upper

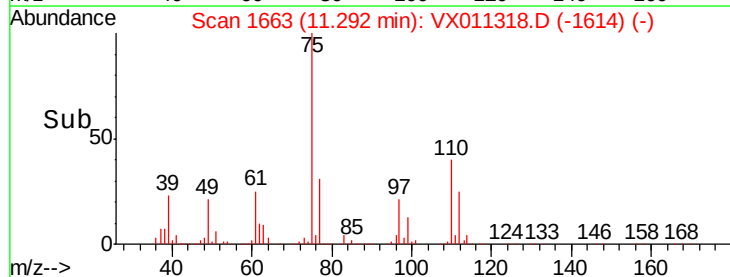
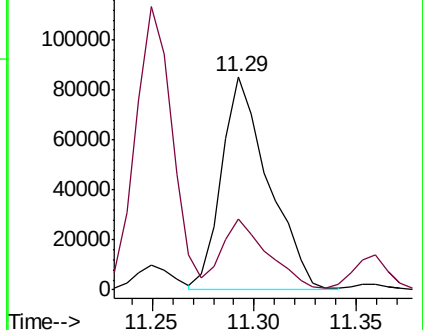
75 100

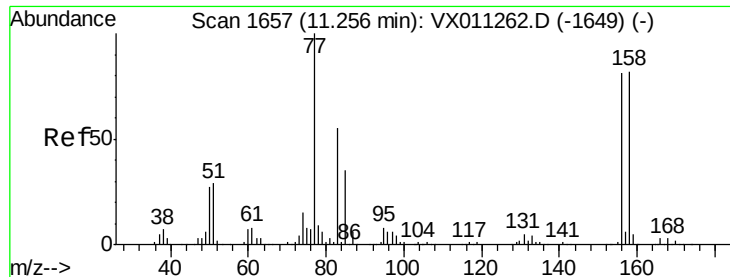
77 32.4 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.293 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

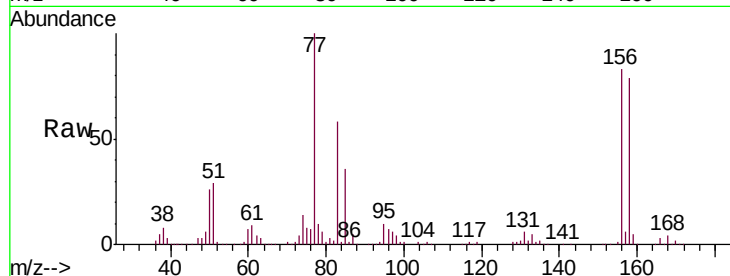
Tgt Ion:156 Resp: 104951

Ion Ratio Lower Upper

156 100

77 135.2 66.2 198.6

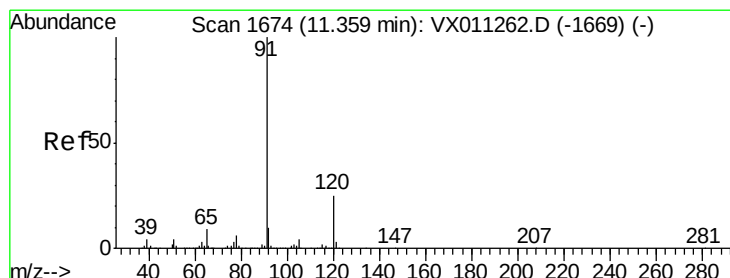
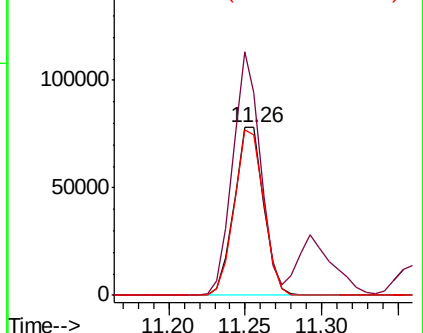
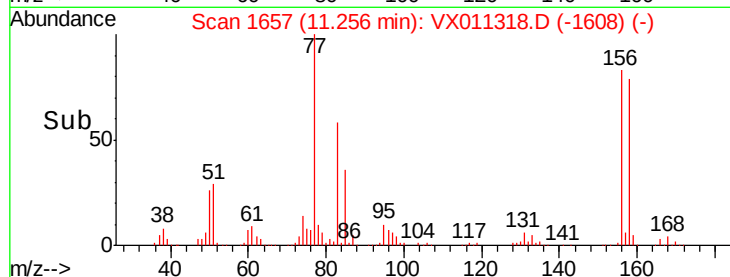
158 97.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.029 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011318.D

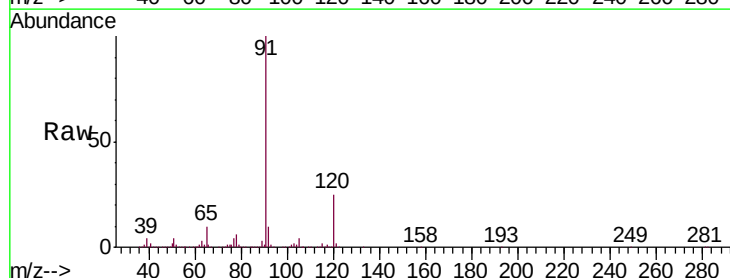
Acq: 02 Aug 2019 20:24

Tgt Ion: 91 Resp: 427441

Ion Ratio Lower Upper

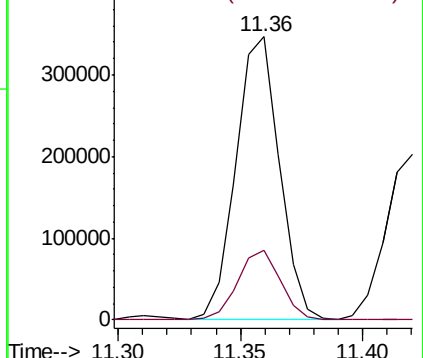
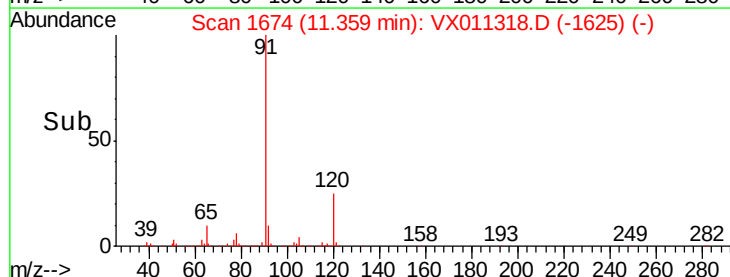
91 100

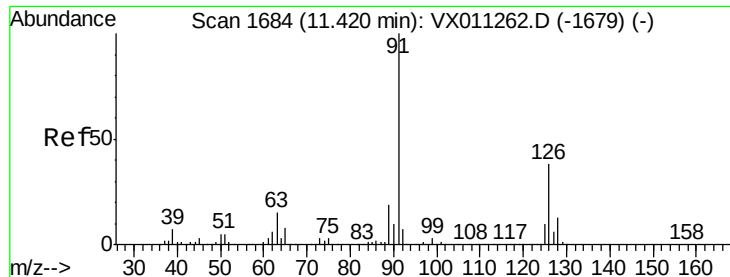
120 24.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.460 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

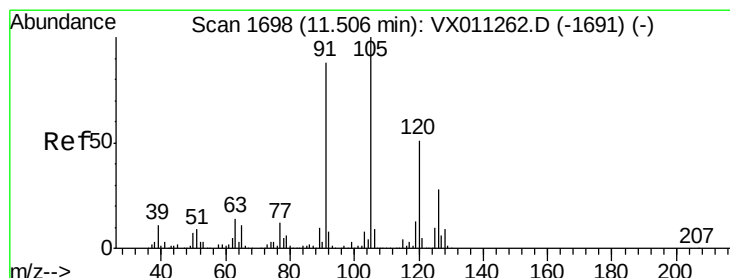
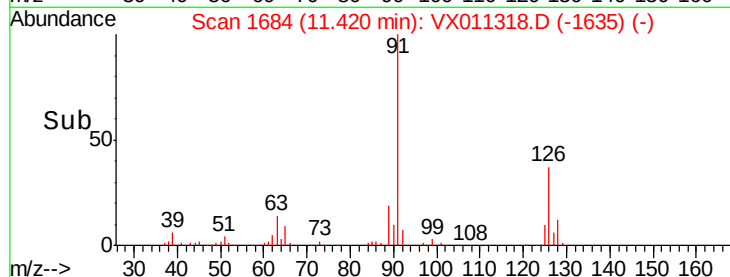
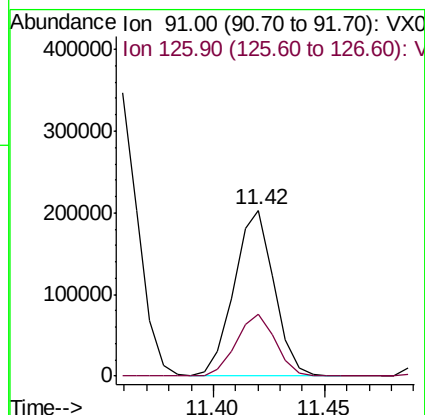
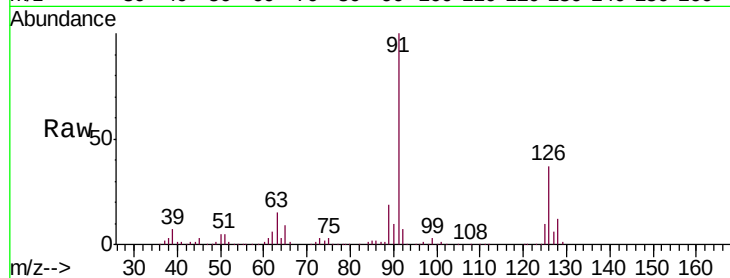
VSTDCCC050EC

Tgt Ion: 91 Resp: 251753

Ion Ratio Lower Upper

91 100

126 36.9 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 48.805 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011318.D

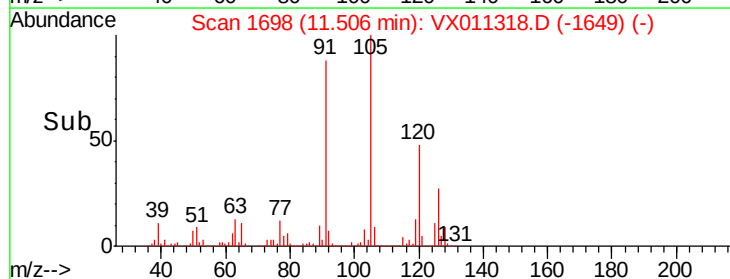
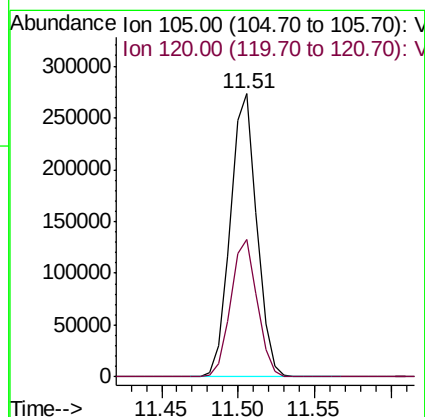
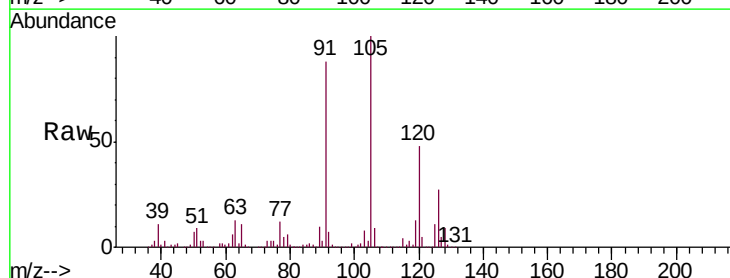
Acq: 02 Aug 2019 20:24

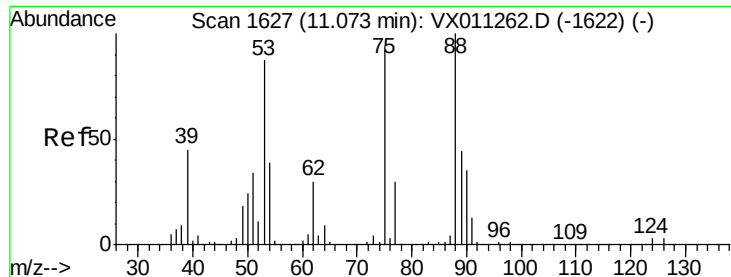
Tgt Ion: 105 Resp: 326954

Ion Ratio Lower Upper

105 100

120 48.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 43.930 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

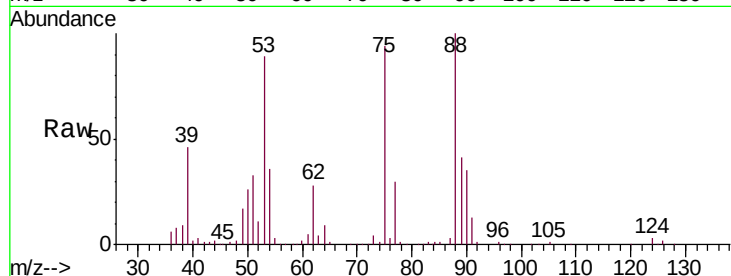
Tgt Ion: 75 Resp: 34575

Ion Ratio Lower Upper

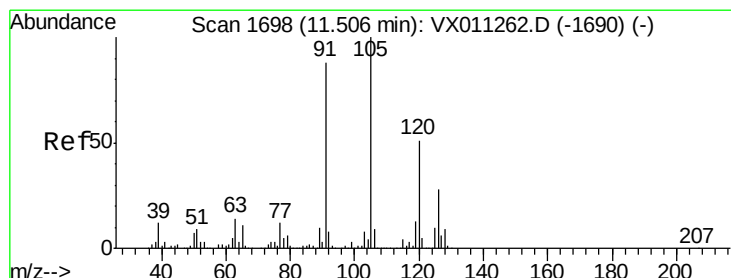
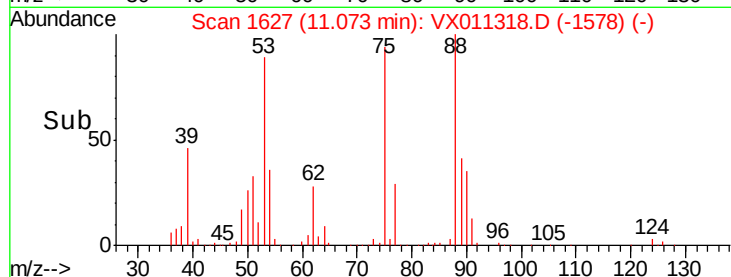
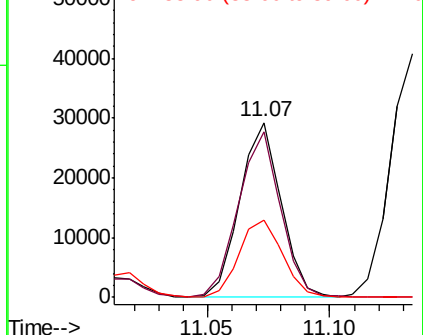
75 100

53 95.9 78.2 117.4

89 46.9 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.105 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011318.D

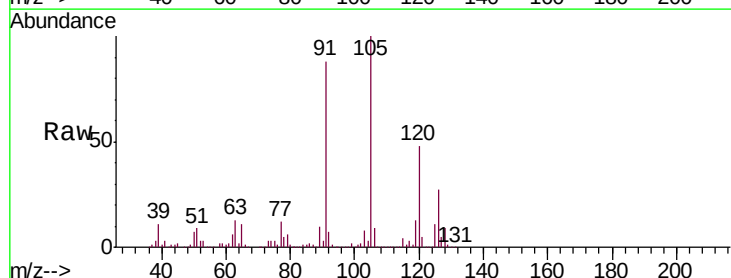
Acq: 02 Aug 2019 20:24

Tgt Ion: 91 Resp: 297384

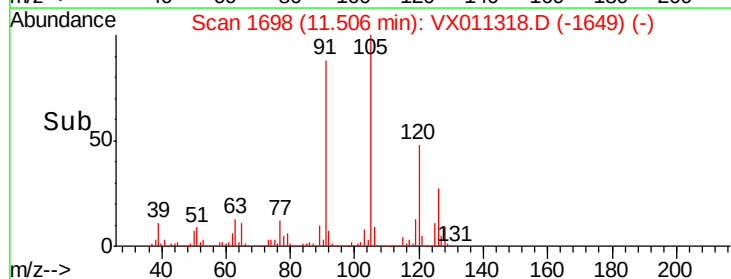
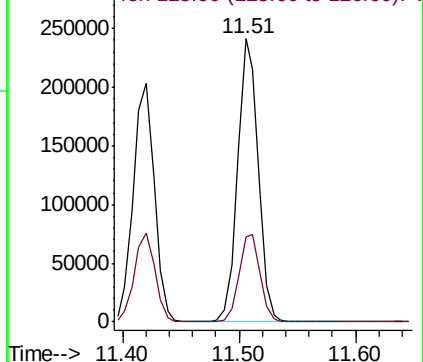
Ion Ratio Lower Upper

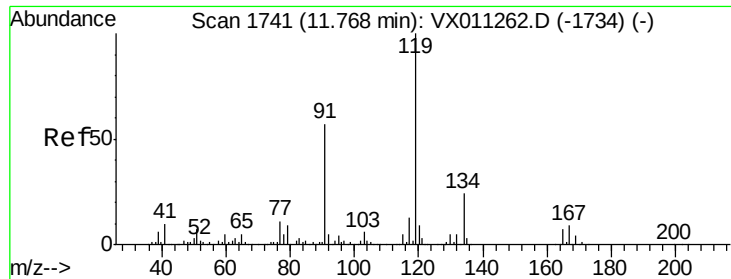
91 100

126 31.8 16.4 49.2



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

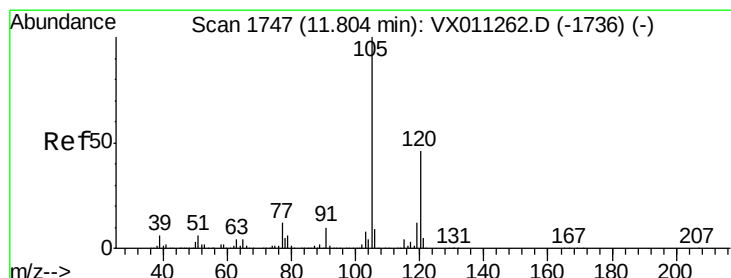
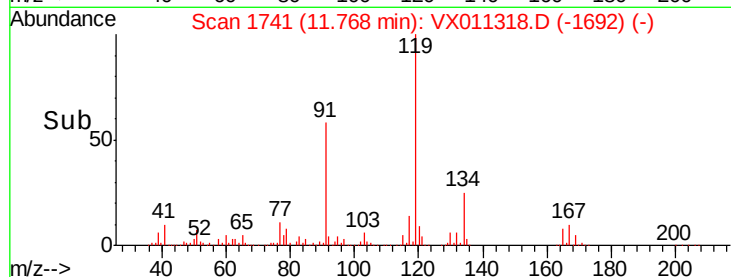
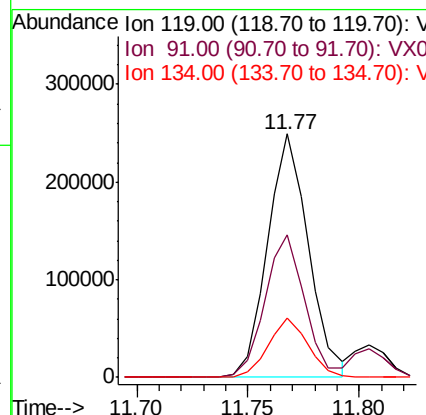
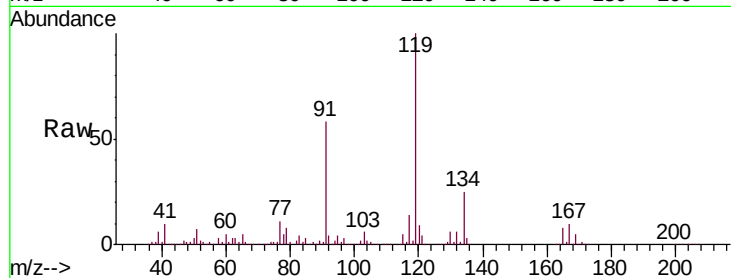




#83
 tert-Butylbenzene
 Concen: 48.342 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

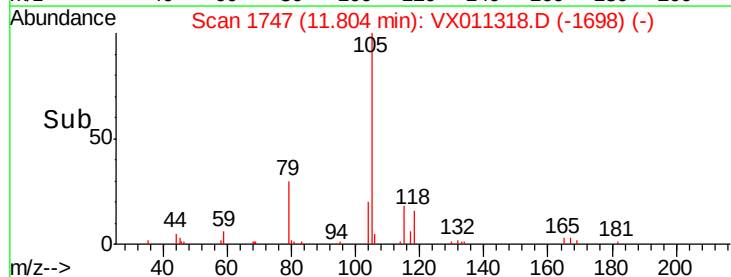
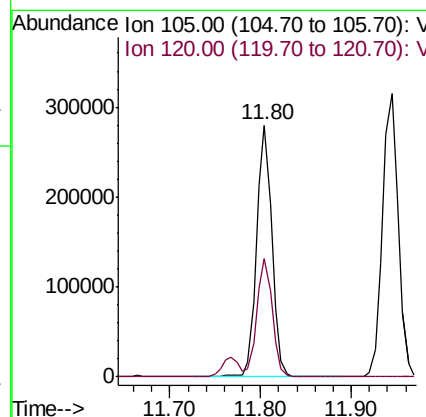
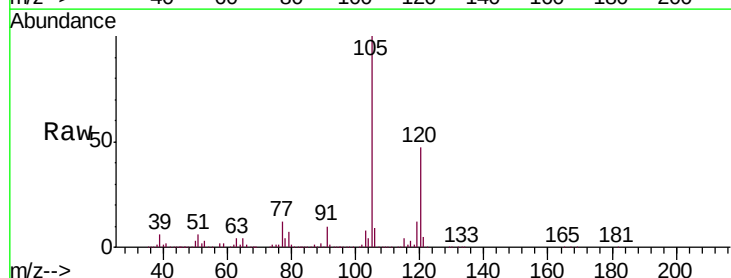
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

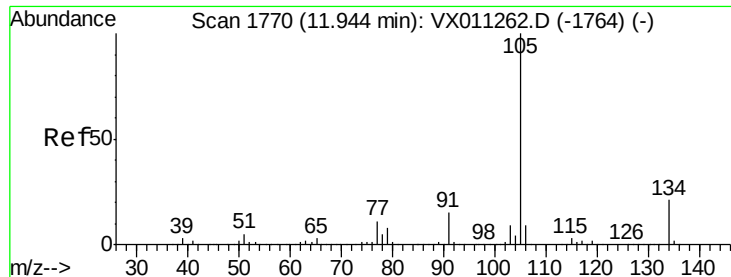
Tgt Ion:119 Resp: 317626
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.0 84.0
 134 23.6 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.979 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion:105 Resp: 326689
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.178 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

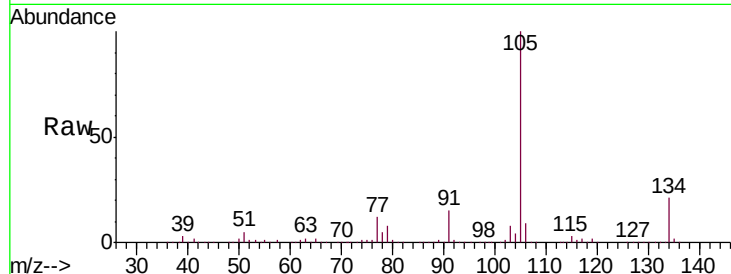
VSTDCCC050EC

Tgt Ion:105 Resp: 380324

Ion Ratio Lower Upper

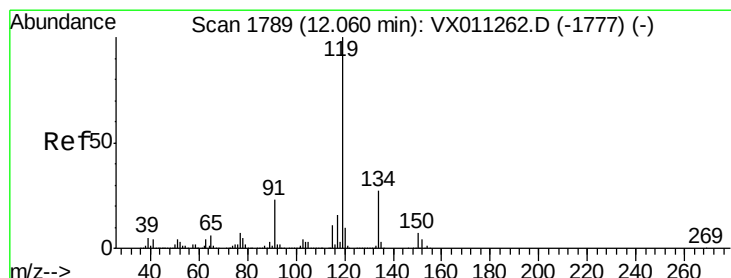
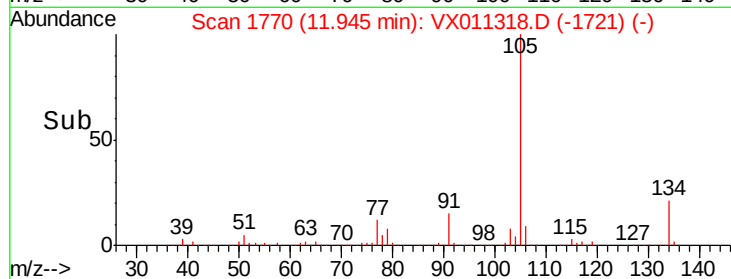
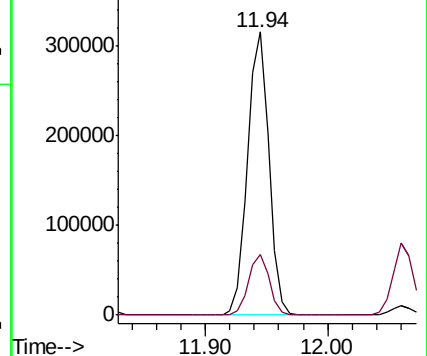
105 100

134 21.1 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: 48.199 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011318.D

Acq: 02 Aug 2019 20:24

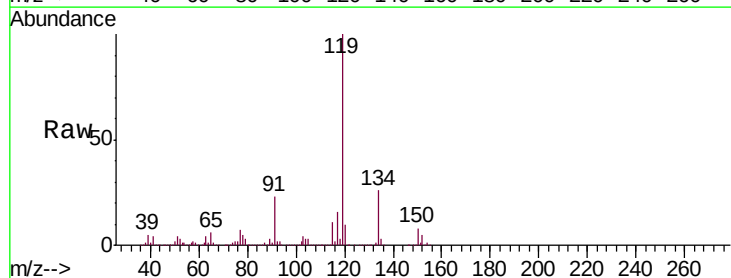
Tgt Ion:119 Resp: 350035

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

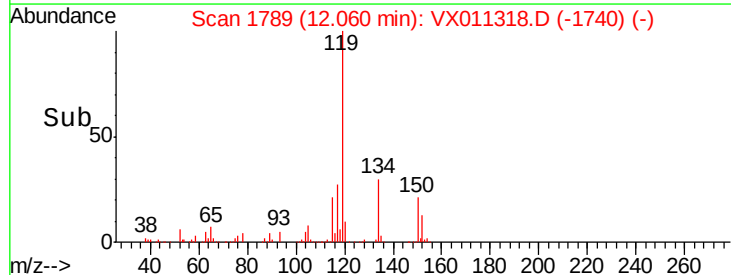
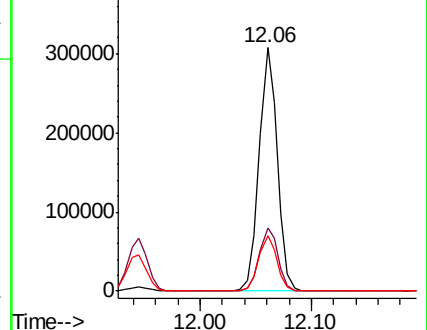
91 23.1 11.4 34.2

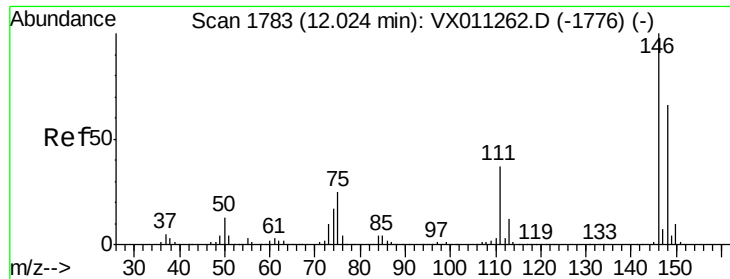


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

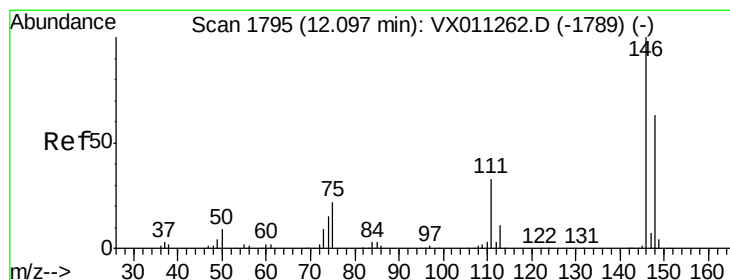
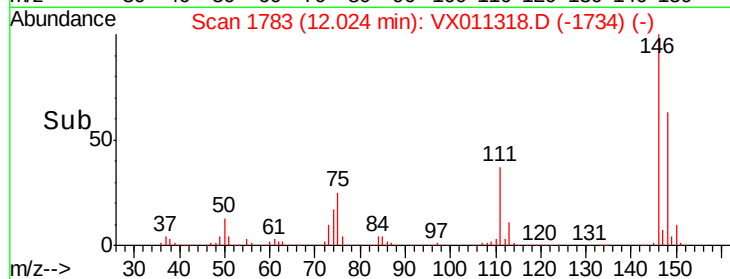
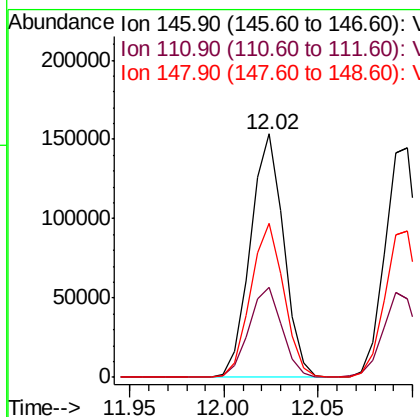
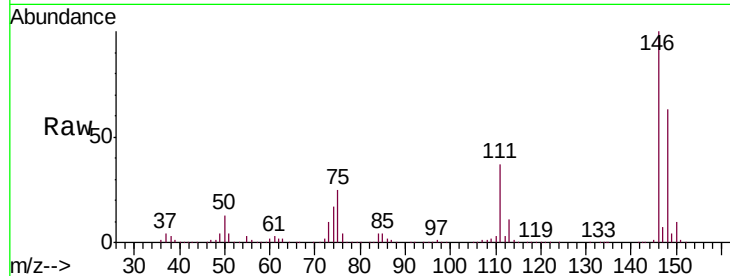




#87
 1,3-Dichlorobenzene
 Concen: 47.939 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

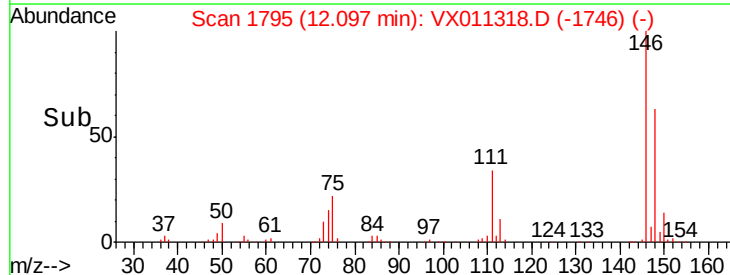
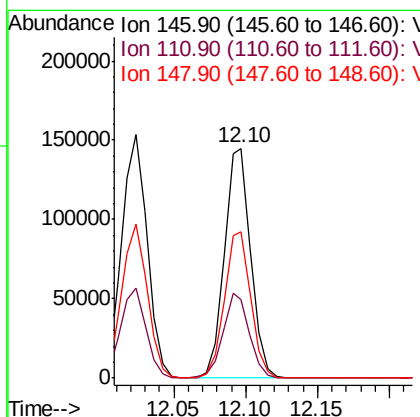
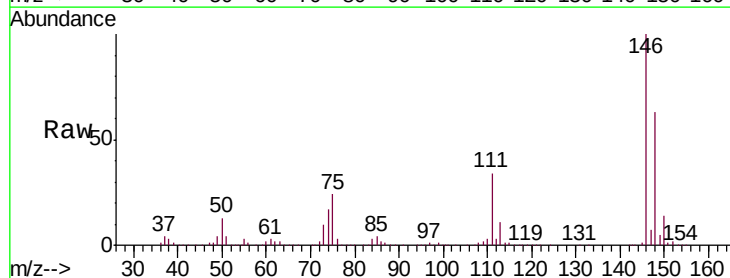
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

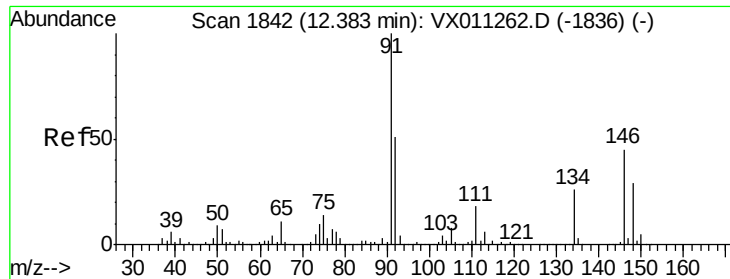
Tgt Ion:146 Resp: 187972
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 55.8
 148 63.1 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 46.016 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion:146 Resp: 186052
 Ion Ratio Lower Upper
 146 100
 111 36.8 17.8 53.4
 148 64.2 31.8 95.3

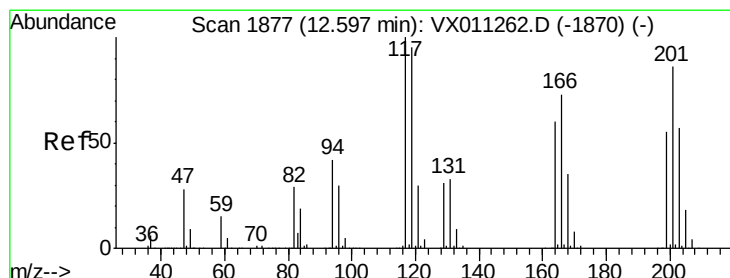
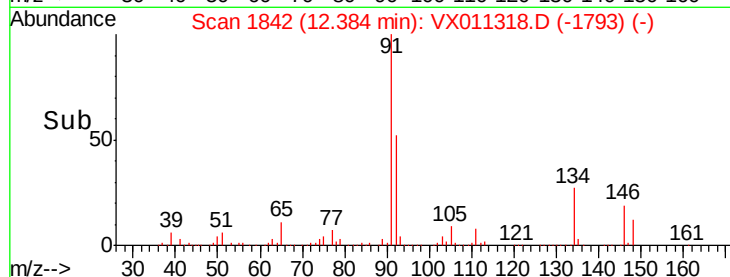
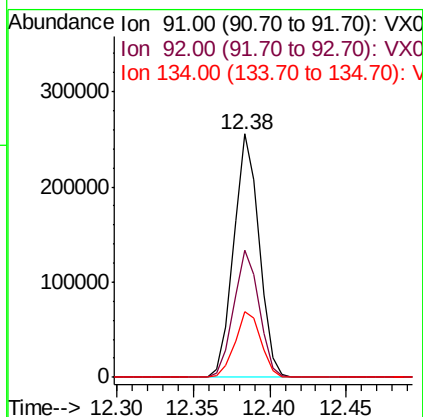
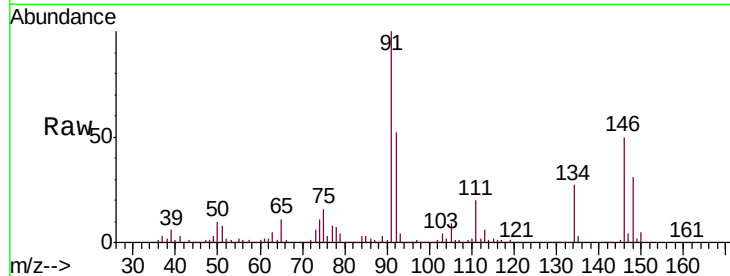




#89
n-Butylbenzene
Concen: 46.904 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

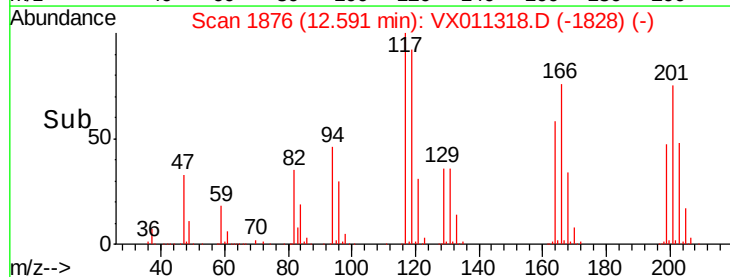
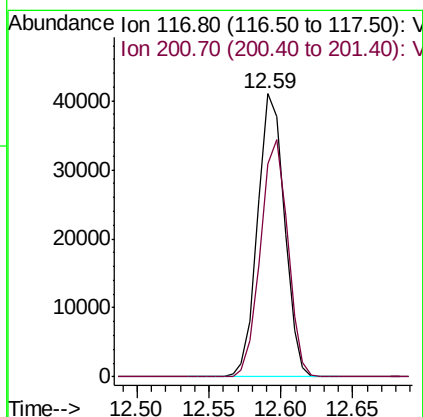
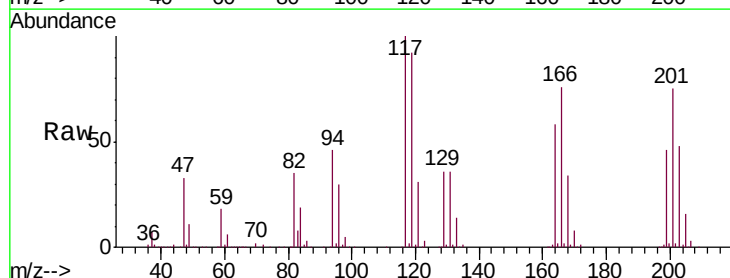
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

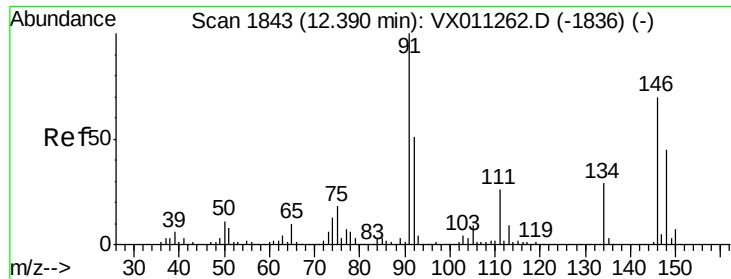
Tgt Ion: 91 Resp: 293466
Ion Ratio Lower Upper
91 100
92 52.4 25.8 77.3
134 27.6 13.7 41.0



#90
Hexachloroethane
Concen: 49.046 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion: 117 Resp: 52660
Ion Ratio Lower Upper
117 100
201 85.0 41.8 125.4

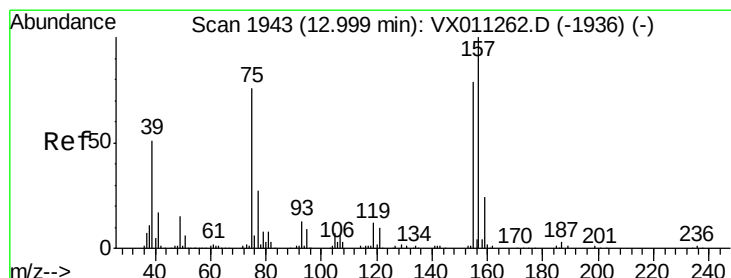
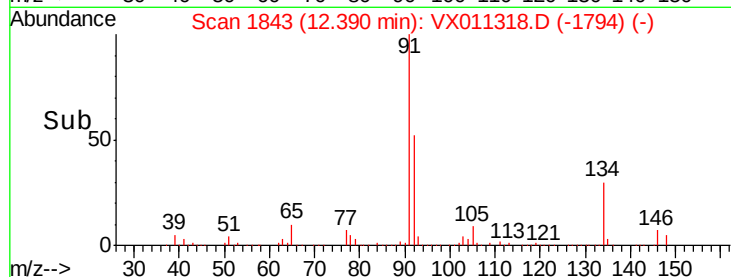
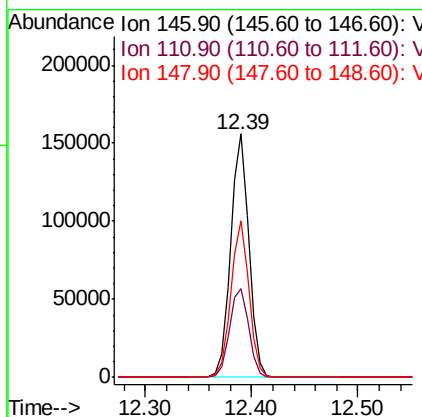
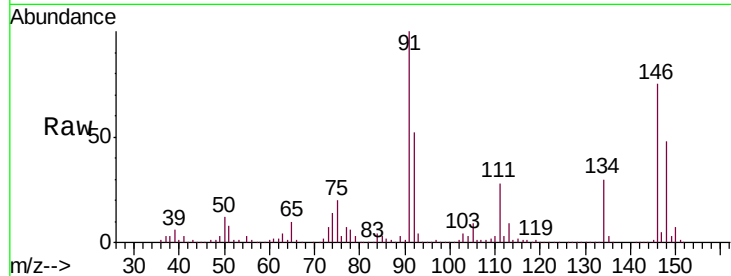




#91
 1,2-Dichlorobenzene
 Concen: 47.655 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

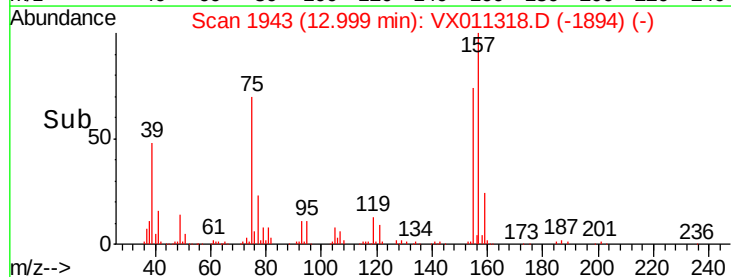
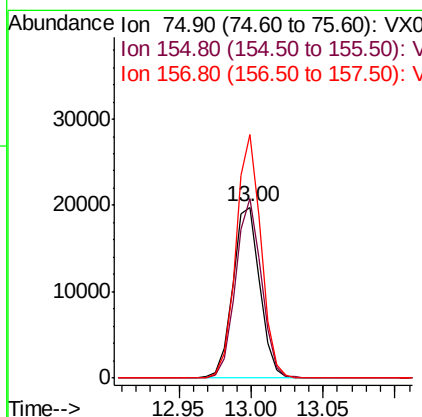
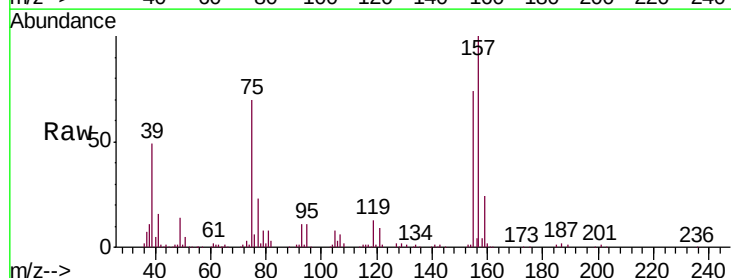
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

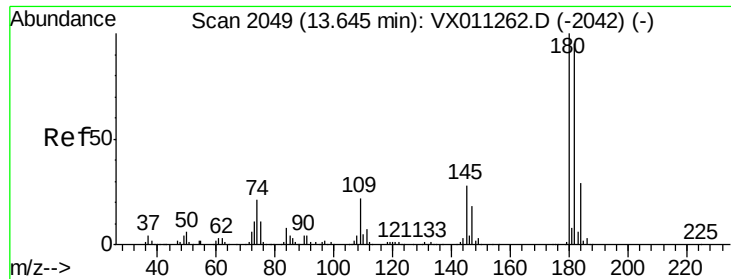
Tgt Ion: 146 Resp: 187748
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.1
 148 63.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.474 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion: 75 Resp: 26080
 Ion Ratio Lower Upper
 75 100
 155 99.7 51.9 155.8
 157 131.6 64.3 192.7

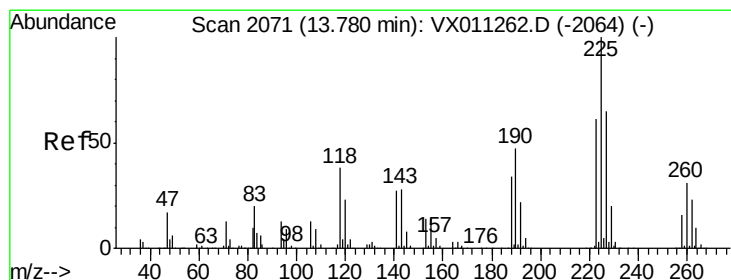
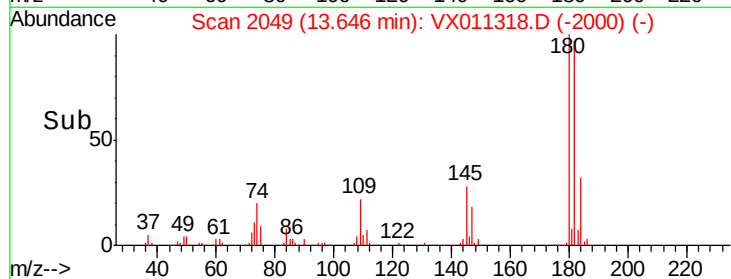
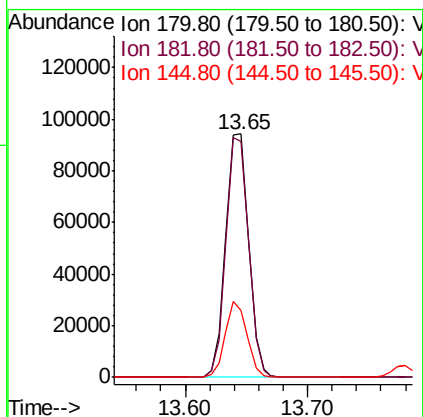
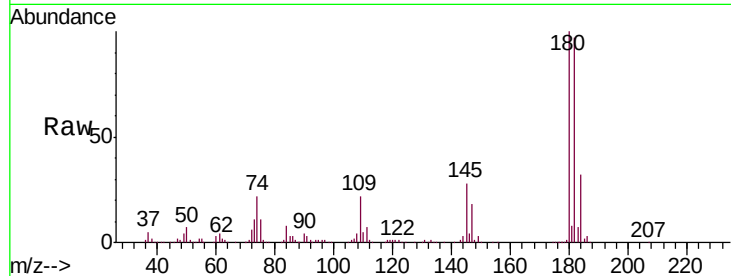




#93
 1,2,4-Trichlorobenzene
 Concen: 46.797 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

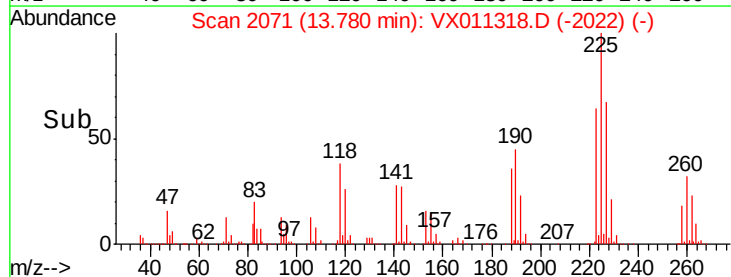
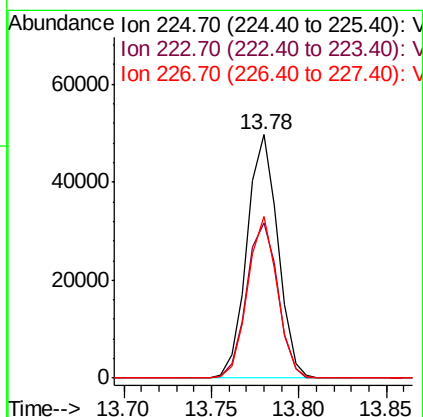
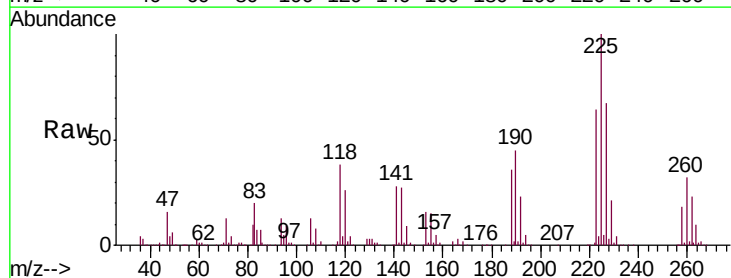
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

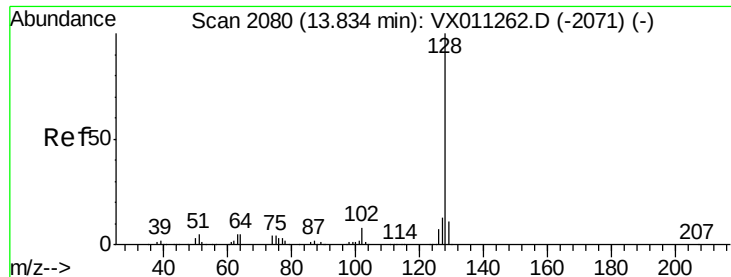
Tgt Ion:180 Resp: 122271
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.8 143.4
 145 29.5 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 45.876 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011318.D
 Acq: 02 Aug 2019 20:24

Tgt Ion:225 Resp: 60813
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.0 93.0
 227 63.9 32.2 96.6

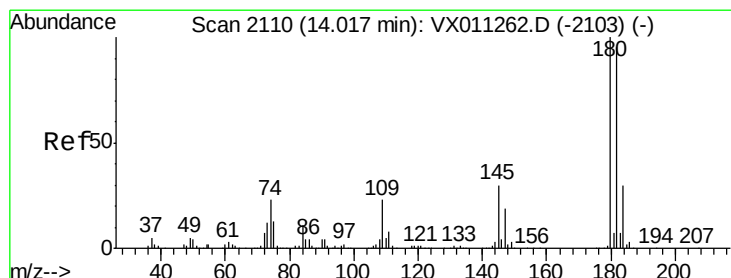
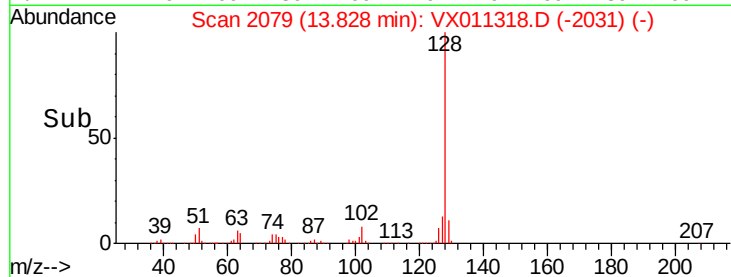
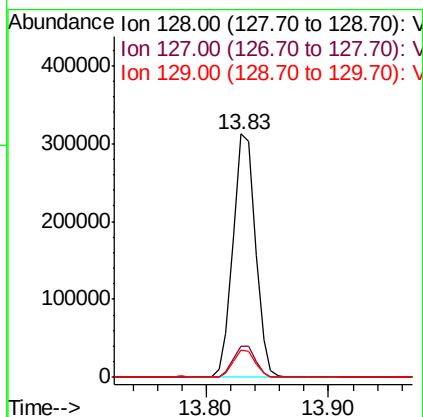
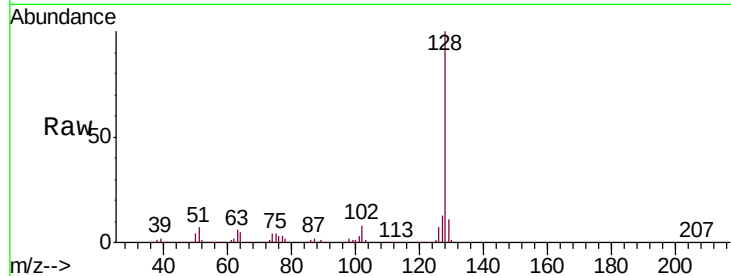




#95
Naphthalene
Concen: 51.547 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 393859
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.442 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011318.D
Acq: 02 Aug 2019 20:24

Tgt Ion:180 Resp: 126017
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.3
145 30.9 15.2 45.6

