

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012067.D
 Acq On : 04 Sep 2019 22:43
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 05:27:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	271024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119917	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	102819	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	5.48	113	83112	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	308755	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.14	95	135565	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	62819	47.392	ug/l	98
3) Chloromethane	1.31	50	68936	50.781	ug/l	99
4) Vinyl Chloride	1.39	62	63816	49.966	ug/l	99
5) Bromomethane	1.62	94	32843	51.838	ug/l	97
6) Chloroethane	1.71	64	41953	52.839	ug/l	99
7) Trichlorofluoromethane	1.92	101	100695	50.761	ug/l	100
8) Diethyl Ether	2.17	74	36551	53.319	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72975	49.667	ug/l #	83
10) Methyl Iodide	2.50	142	65865	45.077	ug/l	94
11) Tert butyl alcohol	3.03	59	46705	245.172	ug/l	96
12) 1,1-Dichloroethene	2.36	96	71701	50.658	ug/l	90
13) Acrolein	2.28	56	10837	223.024	ug/l	97
14) Allyl chloride	2.72	41	134659	52.579	ug/l	98
15) Acrylonitrile	3.12	53	111027	257.742	ug/l	99
16) Acetone	2.43	43	99613	210.128	ug/l	99
17) Carbon Disulfide	2.56	76	222548	53.801	ug/l	99
18) Methyl Acetate	2.76	43	58289	52.195	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	241231	52.351	ug/l	100
20) Methylene Chloride	2.84	84	91311	47.966	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	86662	52.176	ug/l	90
22) Diisopropyl ether	3.84	45	275155	52.710	ug/l	97
23) Vinyl Acetate	3.80	43	897357	265.735	ug/l	98
24) 1,1-Dichloroethane	3.68	63	158677	52.410	ug/l	98
25) 2-Butanone	4.65	43	151237	250.625	ug/l	99
26) 2,2-Dichloropropane	4.57	77	127987	45.788	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	101720	52.246	ug/l	94
28) Bromochloromethane	5.00	49	62731	51.907	ug/l #	80
29) Tetrahydrofuran	5.11	42	95735	263.318	ug/l	99
30) Chloroform	5.19	83	170125	52.368	ug/l	99
31) Cyclohexane	5.56	56	118953	48.921	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	147262	52.047	ug/l	97
36) 1,1-Dichloropropene	5.79	75	118978	49.843	ug/l	96
37) Ethyl Acetate	4.81	43	66739	51.415	ug/l	99
38) Carbon Tetrachloride	5.77	117	125635	49.948	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012067.D
 Acq On : 04 Sep 2019 22:43
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 05:27:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	129201	46.635	ug/l	95
40) Benzene	6.13	78	353397	51.570	ug/l	99
41) Methacrylonitrile	5.03	41	39804	51.420	ug/l	98
42) 1,2-Dichloroethane	6.18	62	130362	52.863	ug/l	97
43) Isopropyl Acetate	6.43	43	137595	52.132	ug/l	98
44) Trichloroethene	7.20	130	92941	50.284	ug/l	84
45) 1,2-Dichloropropane	7.51	63	90041	50.856	ug/l	98
46) Dibromomethane	7.65	93	53278	51.549	ug/l #	74
47) Bromodichloromethane	7.89	83	136429	51.931	ug/l	97
48) Methyl methacrylate	7.76	41	68239	51.420	ug/l	96
49) 1,4-Dioxane	7.73	88	17606	973.183	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	343391	255.788	ug/l	98
52) Toluene	8.78	92	226341	50.764	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	133833	49.206	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150755	49.844	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	73990	50.073	ug/l	97
56) Ethyl methacrylate	9.17	69	108516	51.271	ug/l	96
57) 1,3-Dichloropropane	9.37	76	130219	51.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	227391	238.303	ug/l	94
59) 2-Hexanone	9.48	43	243332	248.405	ug/l	98
60) Dibromochloromethane	9.57	129	90108	51.167	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73185	51.256	ug/l	96
64) Tetrachloroethene	9.33	164	81233	52.254	ug/l	89
65) Chlorobenzene	10.14	112	243696	49.533	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	91521	50.875	ug/l	97
67) Ethyl Benzene	10.25	91	446081	49.741	ug/l	97
68) m/p-Xylenes	10.36	106	327641	99.160	ug/l	91
69) o-Xylene	10.70	106	158966	49.615	ug/l	90
70) Styrene	10.71	104	281613	50.603	ug/l	95
71) Bromoform	10.85	173	49198	49.792	ug/l #	100
73) Isopropylbenzene	11.01	105	425994	48.417	ug/l	96
74) N-amyl acetate	10.89	43	130156	50.033	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	88106	48.034	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	99101	67.636	ug/l	76
77) Bromobenzene	11.25	156	99493	50.561	ug/l	71
78) n-propylbenzene	11.35	91	501997	47.226	ug/l	94
79) 2-Chlorotoluene	11.42	91	312526	48.531	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	374064	48.514	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	27224	43.927	ug/l	94
82) 4-Chlorotoluene	11.51	91	378390	49.298	ug/l	91
83) tert-Butylbenzene	11.77	119	350949	47.754	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	384716	48.547	ug/l	94
85) sec-Butylbenzene	11.94	105	427547	46.839	ug/l	94
86) p-Isopropyltoluene	12.06	119	398352	47.986	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	191193	48.488	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	186945	47.416	ug/l	93
89) n-Butylbenzene	12.39	91	383560	47.564	ug/l	94
90) Hexachloroethane	12.59	117	77859	46.973	ug/l	57
91) 1,2-Dichlorobenzene	12.39	146	176603	49.730	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18858	49.130	ug/l	67

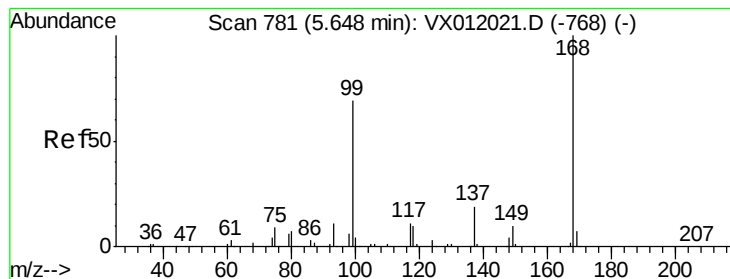
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012067.D
Acq On : 04 Sep 2019 22:43
Operator : SY/SP
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 05 05:27:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	120398	47.633	ug/l	96
94) Hexachlorobutadiene	13.78	225	58948	46.265	ug/l	98
95) Naphthalene	13.83	128	272850	49.876	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	107392	48.293	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

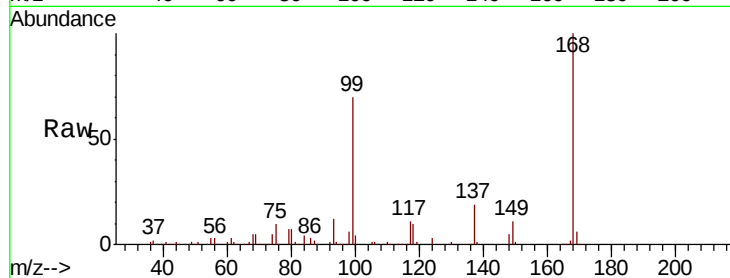
VSTDCCC050

Tgt Ion:168 Resp: 143740

Ion Ratio Lower Upper

168 100

99 69.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time-->

5.50 5.60 5.70 5.80

60000

50000

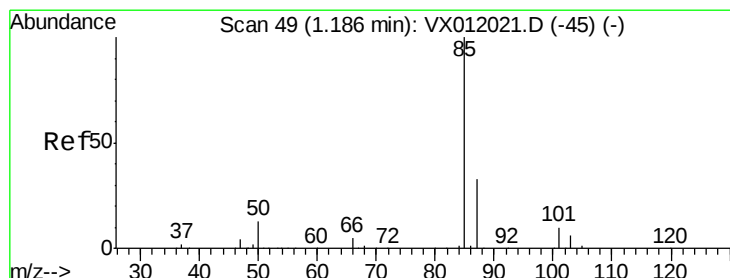
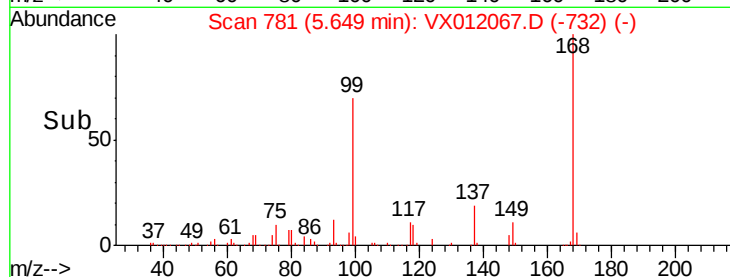
40000

30000

20000

10000

0



#2

Dichlorodifluoromethane

Concen: 47.392 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012067.D

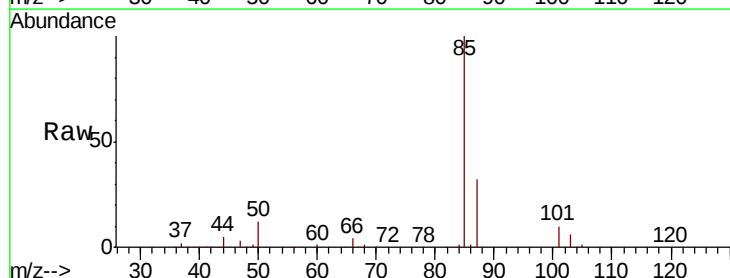
Acq: 04 Sep 2019 22:43

Tgt Ion: 85 Resp: 62819

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

Time-->

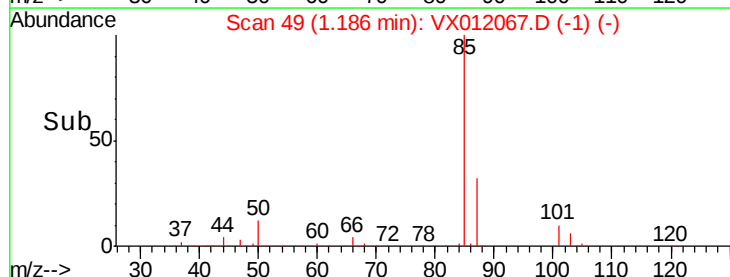
1.10 1.15 1.20 1.25 1.30

60000

40000

20000

0





#3

Chloromethane

Concen: 50.781 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

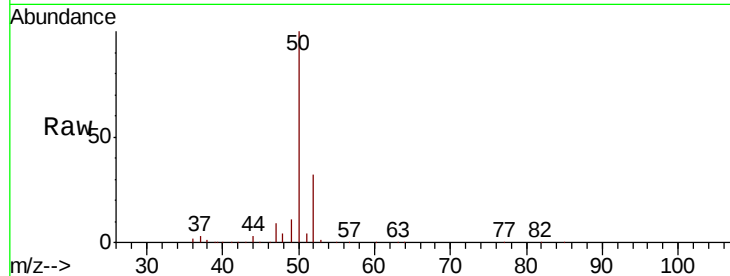
VSTDCCC050

Tgt Ion: 50 Resp: 68936

Ion Ratio Lower Upper

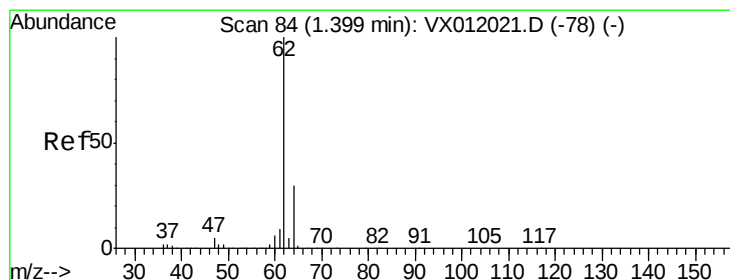
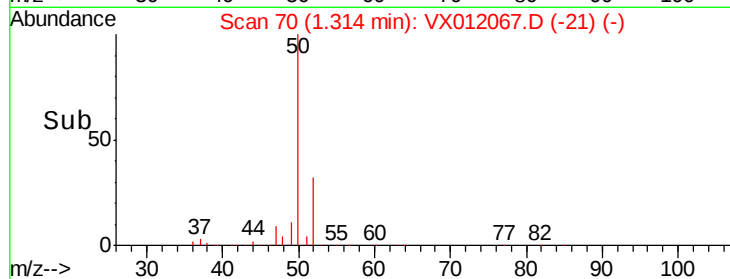
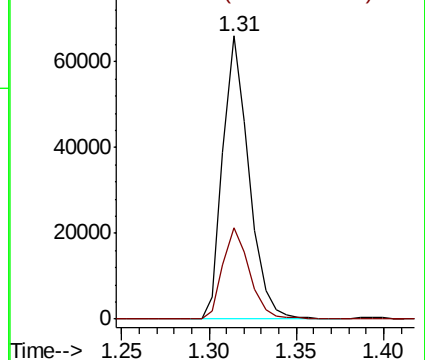
50 100

52 32.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.966 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012067.D

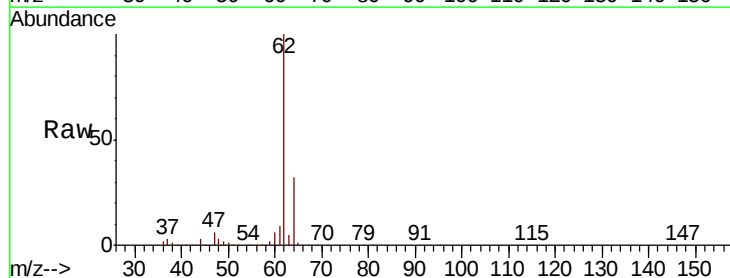
Acq: 04 Sep 2019 22:43

Tgt Ion: 62 Resp: 63816

Ion Ratio Lower Upper

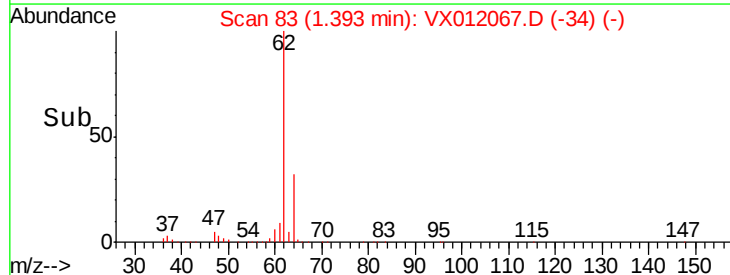
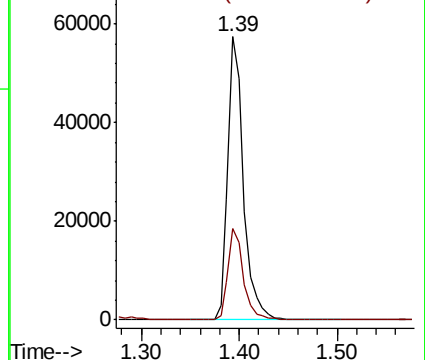
62 100

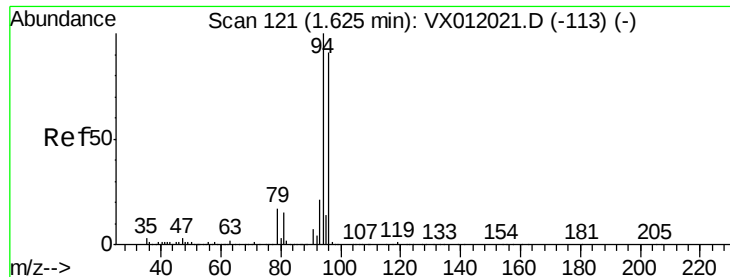
64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.838 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

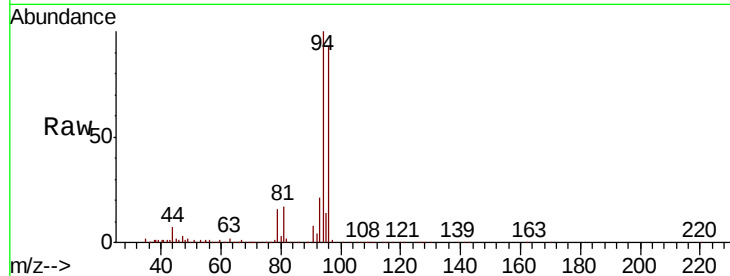
VSTDCCC050

Tgt Ion: 94 Resp: 32843

Ion Ratio Lower Upper

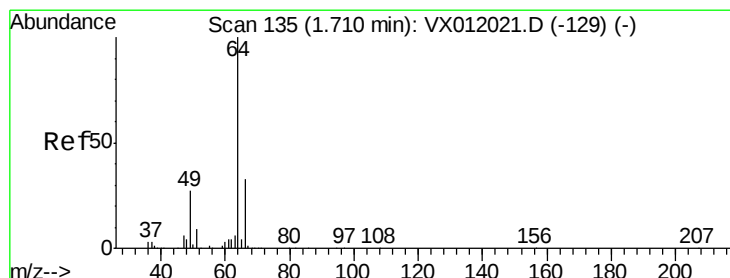
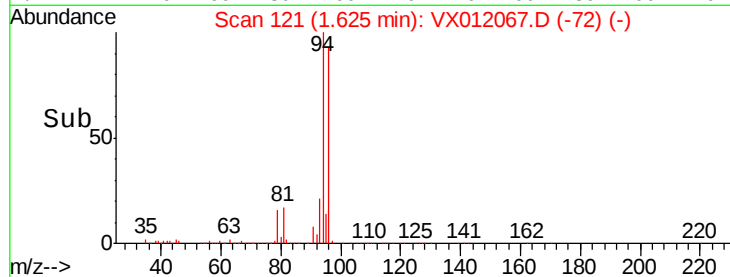
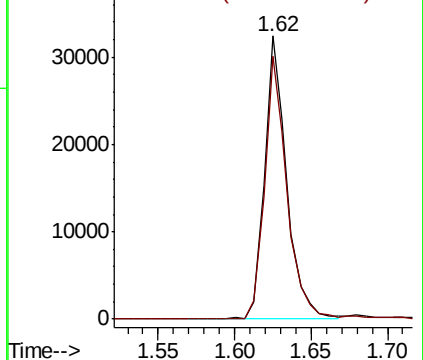
94 100

96 92.9 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.839 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012067.D

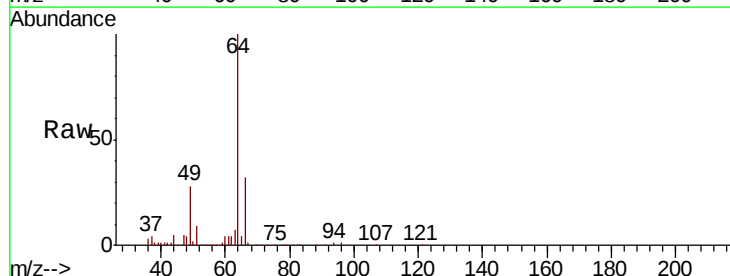
Acq: 04 Sep 2019 22:43

Tgt Ion: 64 Resp: 41953

Ion Ratio Lower Upper

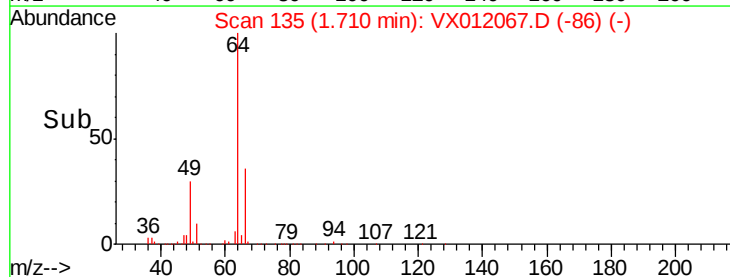
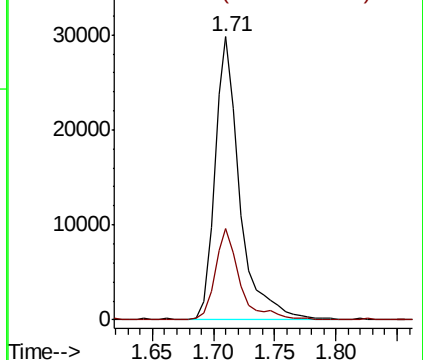
64 100

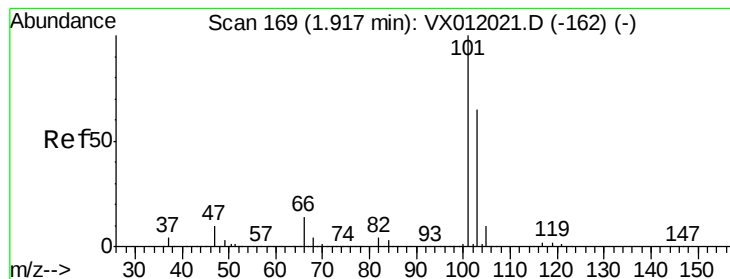
66 32.4 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



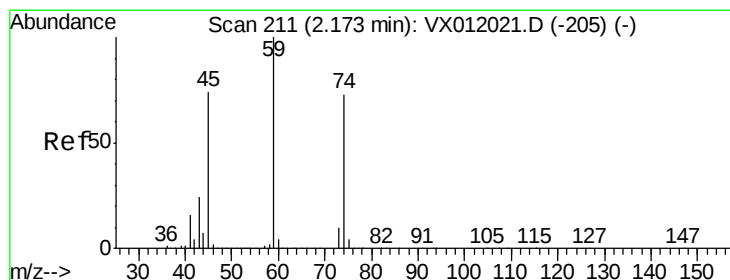
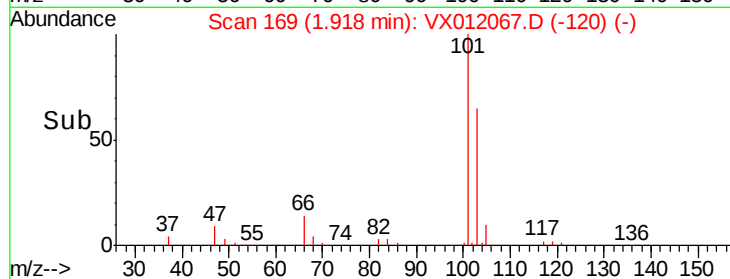
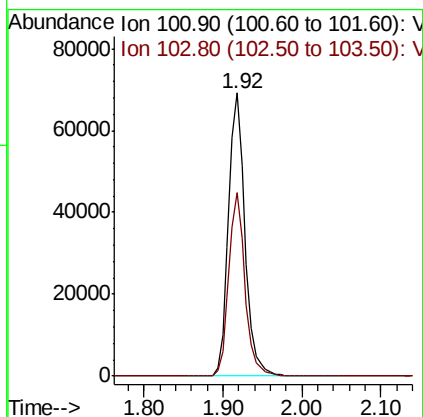
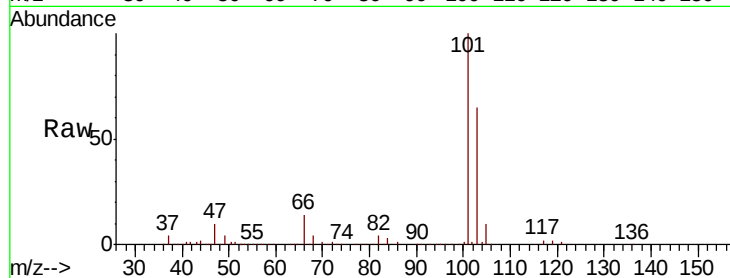


#7

Trichlorofluoromethane
 Concen: 50.761 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

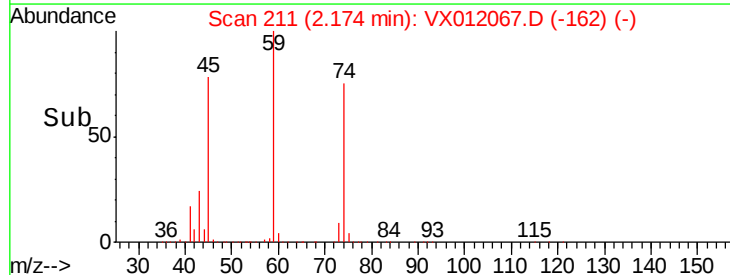
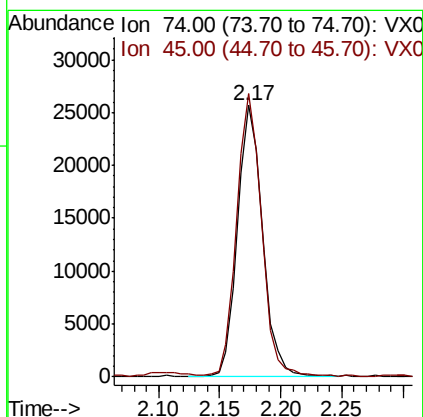
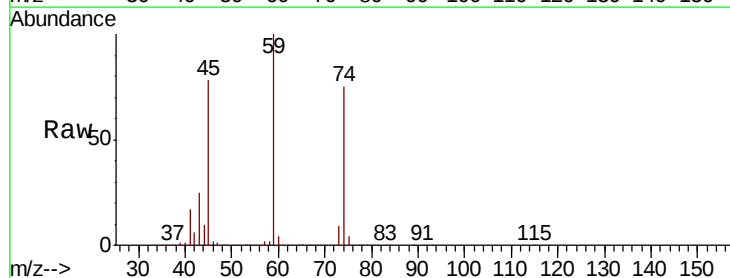
Tgt Ion:101 Resp: 100695
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.6 77.4

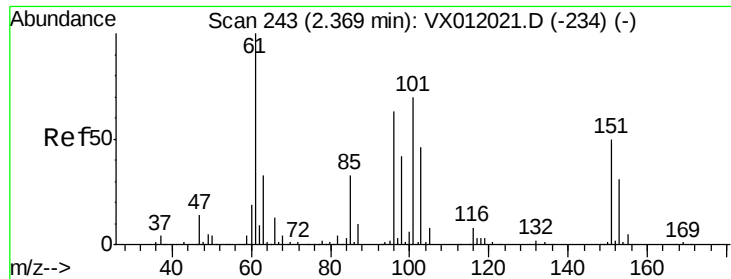


#8

Diethyl Ether
 Concen: 53.319 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion: 74 Resp: 36551
 Ion Ratio Lower Upper
 74 100
 45 102.1 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.667 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

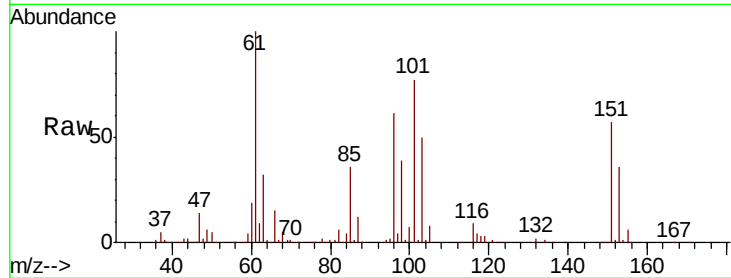
Tgt Ion:101 Resp: 72975

Ion Ratio Lower Upper

101 100

85 46.2 34.5 51.7

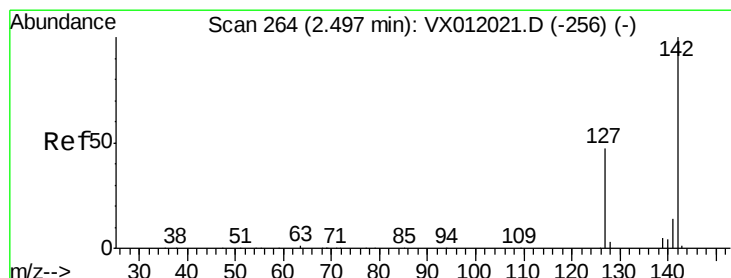
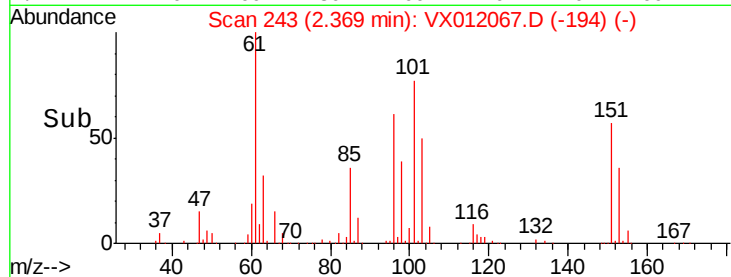
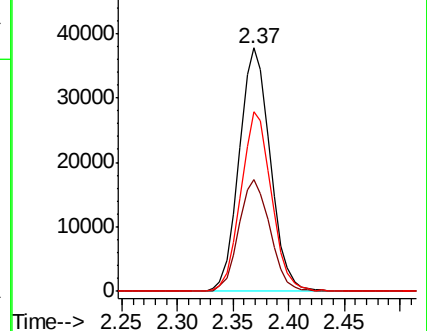
151 72.7 75.0 112.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.077 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

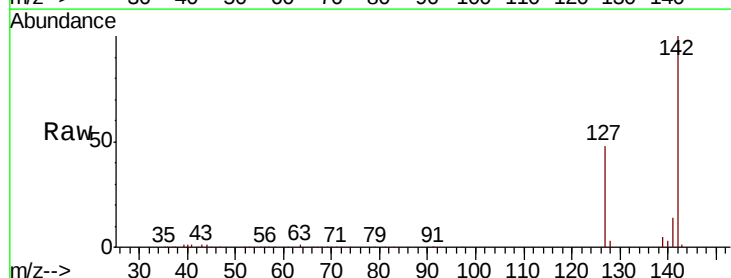
Tgt Ion:142 Resp: 65865

Ion Ratio Lower Upper

142 100

127 49.1 35.4 53.2

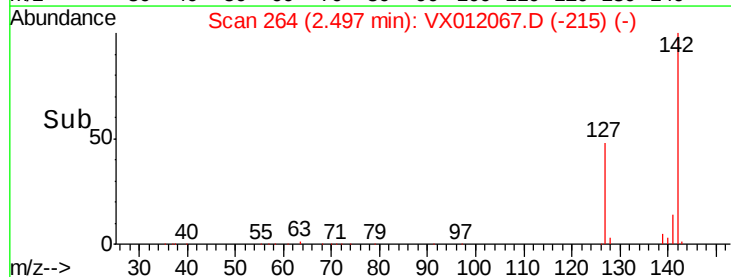
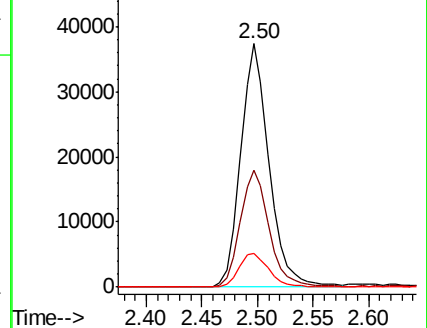
141 14.6 11.4 17.2

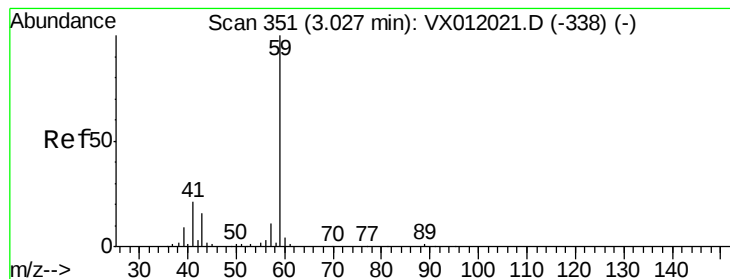


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



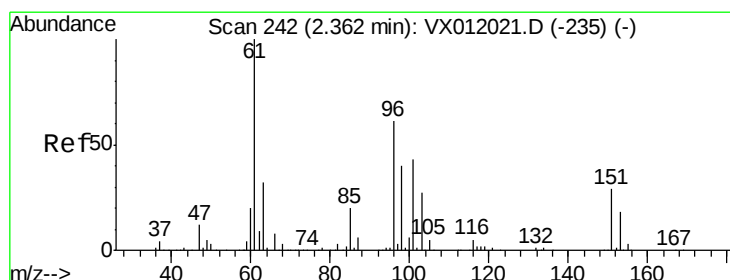
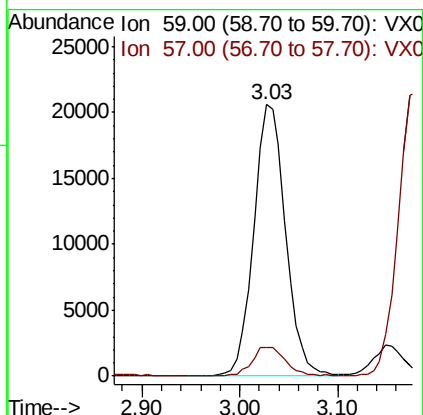
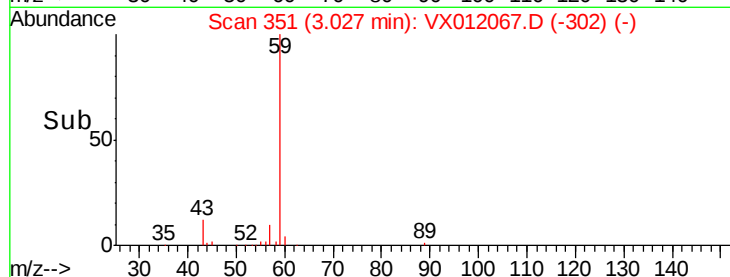
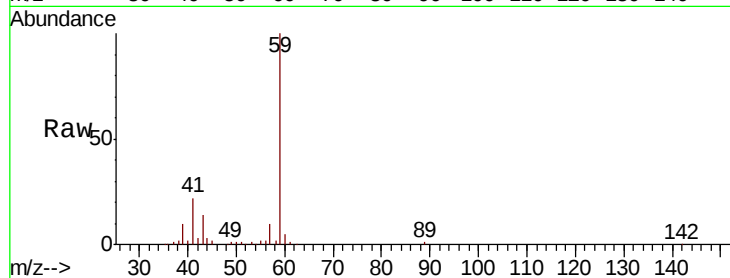


#11

Tert butyl alcohol
 Concen: 245.172 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

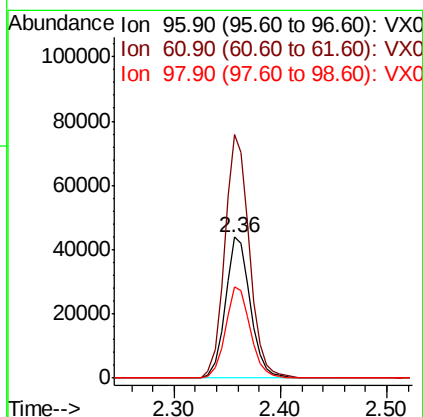
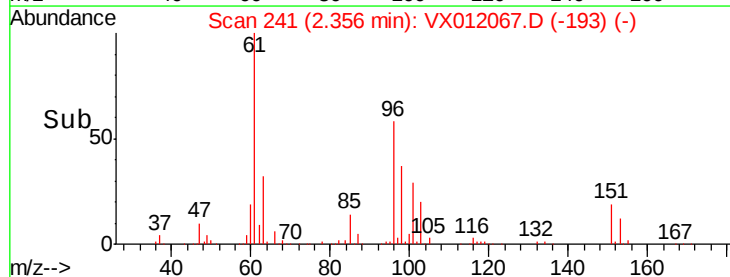
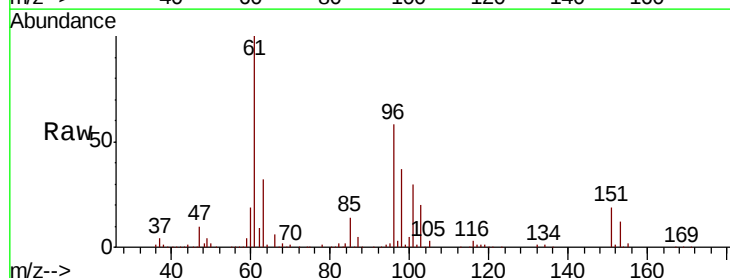
Tgt Ion: 59 Resp: 46705
 Ion Ratio Lower Upper
 59 100
 57 11.3 7.9 11.9

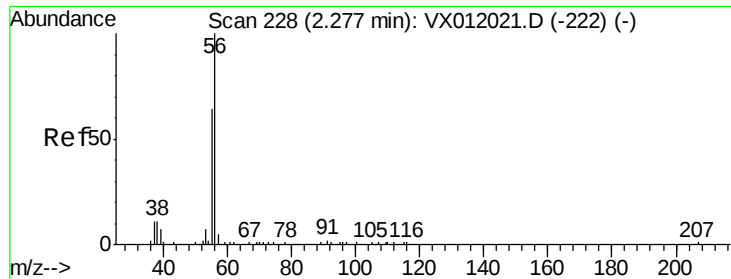


#12

1,1-Dichloroethene
 Concen: 50.658 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion: 96 Resp: 71701
 Ion Ratio Lower Upper
 96 100
 61 172.8 124.1 186.1
 98 64.5 50.2 75.2

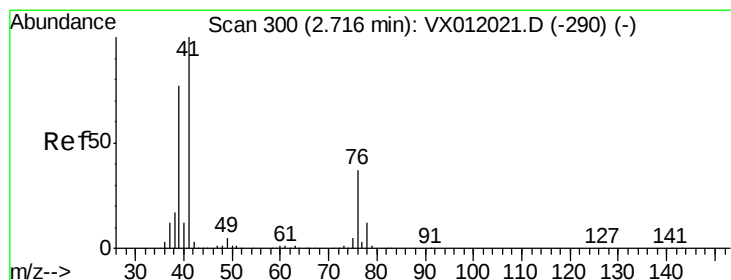
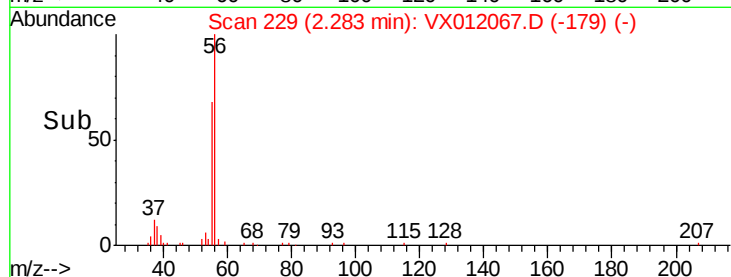
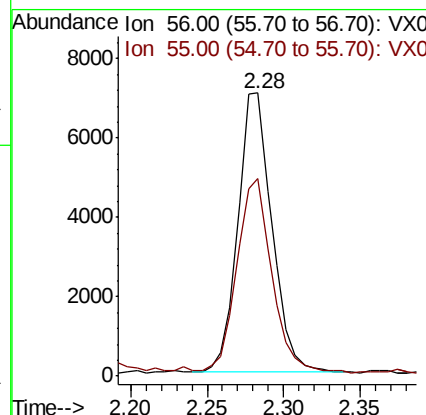
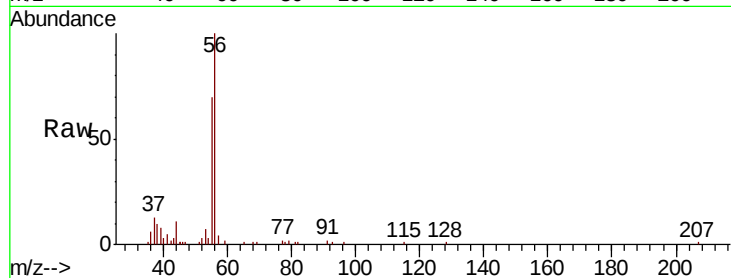




#13
Acrolein
Concen: 223.024 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.01 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

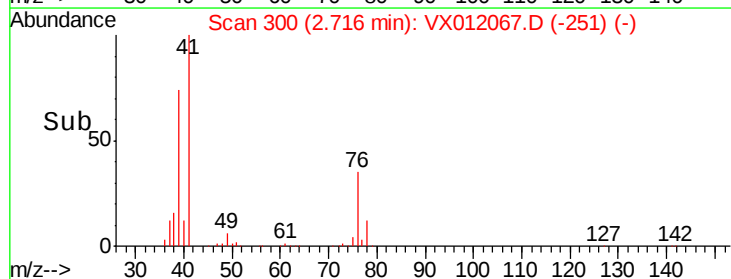
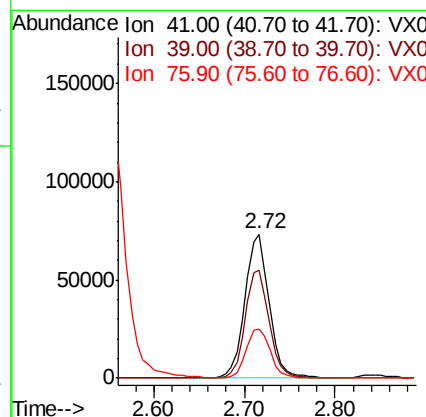
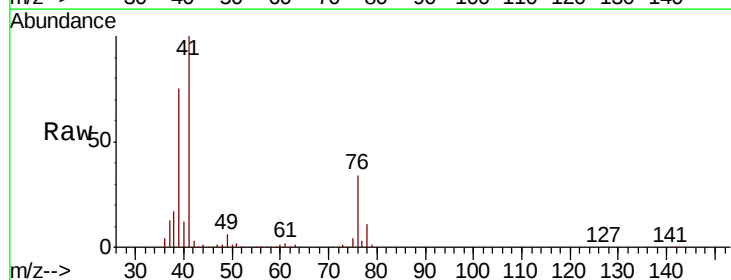
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

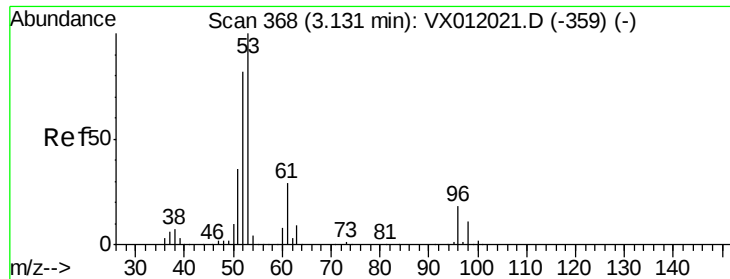
Tgt Ion: 56 Resp: 10837
Ion Ratio Lower Upper
56 100
55 71.2 59.2 88.8



#14
Allyl chloride
Concen: 52.579 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion: 41 Resp: 134659
Ion Ratio Lower Upper
41 100
39 73.7 57.9 86.9
76 34.2 28.5 42.7





#15

Acrylonitrile

Concen: 257.742 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

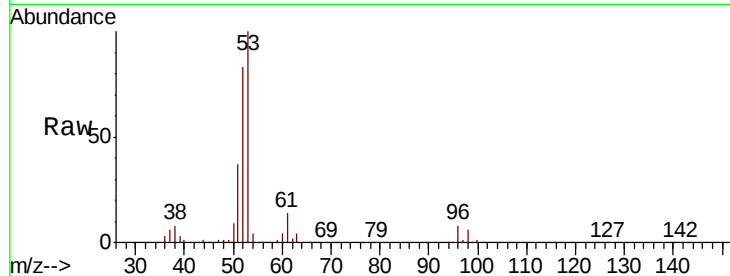
Tgt Ion: 53 Resp: 111027

Ion Ratio Lower Upper

53 100

52 81.8 65.6 98.4

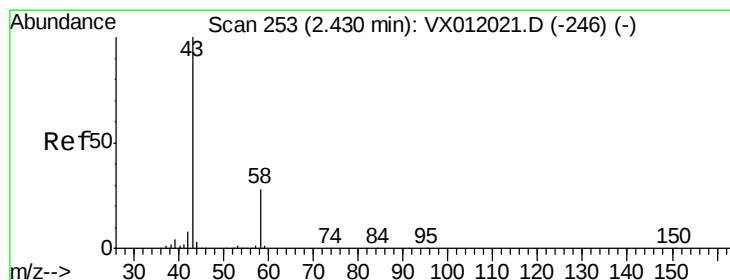
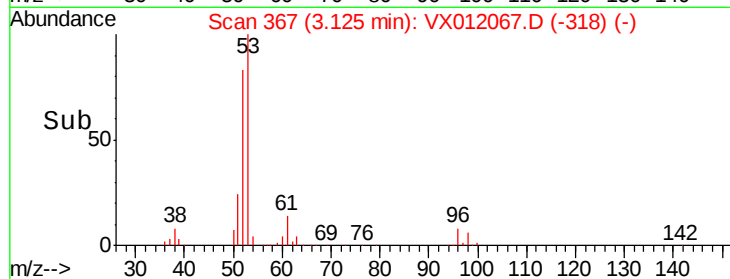
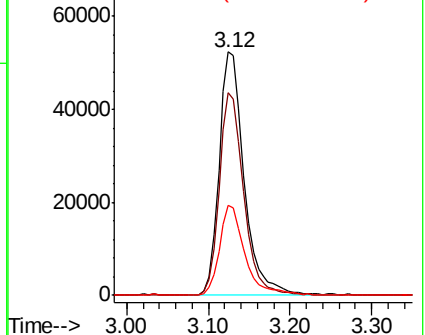
51 37.9 29.8 44.6



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: 210.128 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012067.D

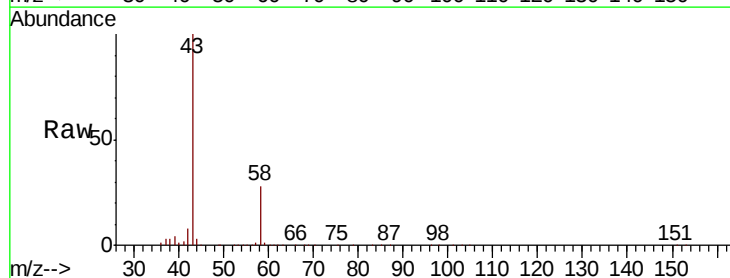
Acq: 04 Sep 2019 22:43

Tgt Ion: 43 Resp: 99613

Ion Ratio Lower Upper

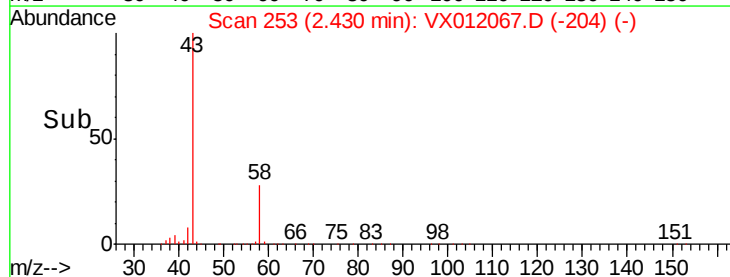
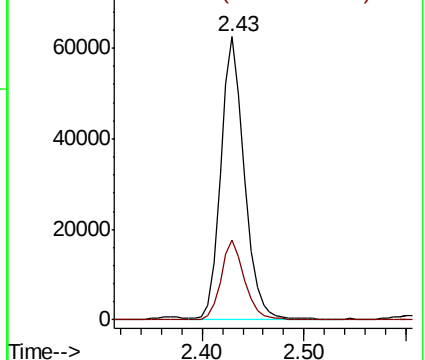
43 100

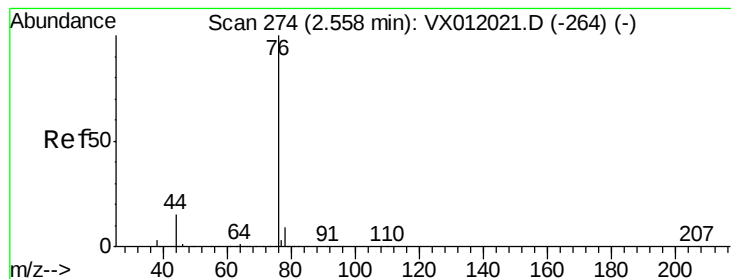
58 28.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 53.801 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

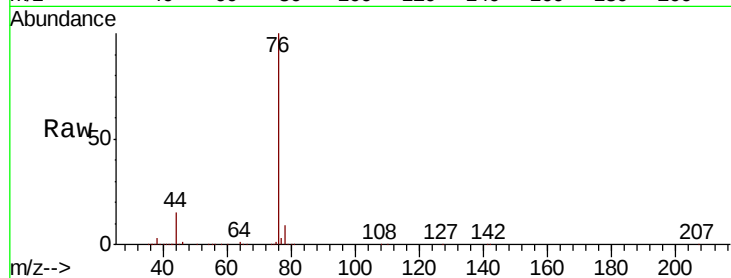
VSTDCCC050

Tgt Ion: 76 Resp: 222548

Ion Ratio Lower Upper

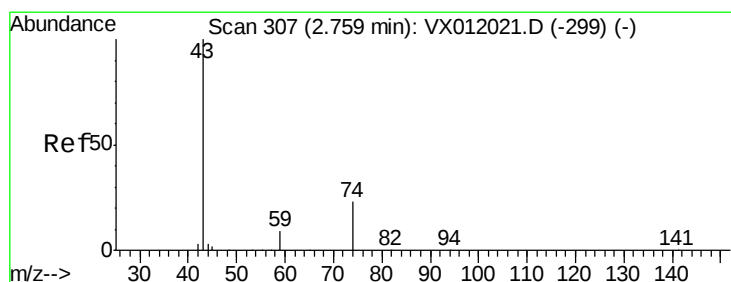
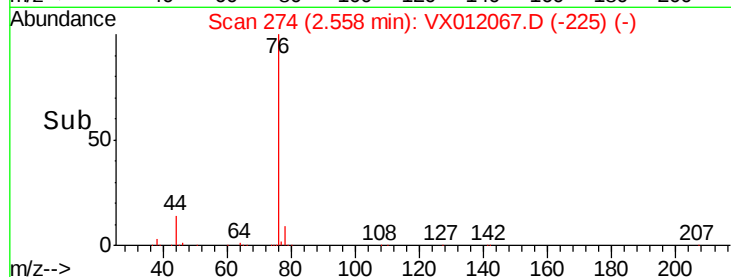
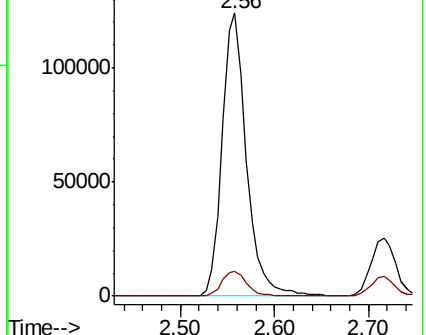
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.195 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012067.D

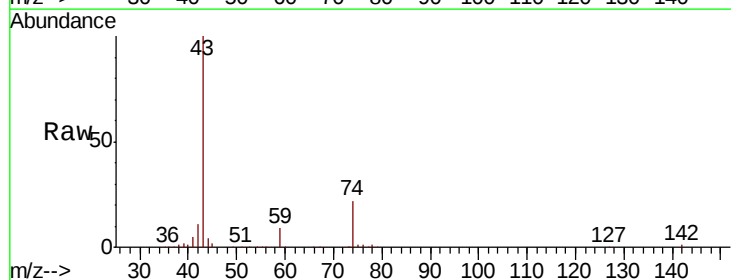
Acq: 04 Sep 2019 22:43

Tgt Ion: 43 Resp: 58289

Ion Ratio Lower Upper

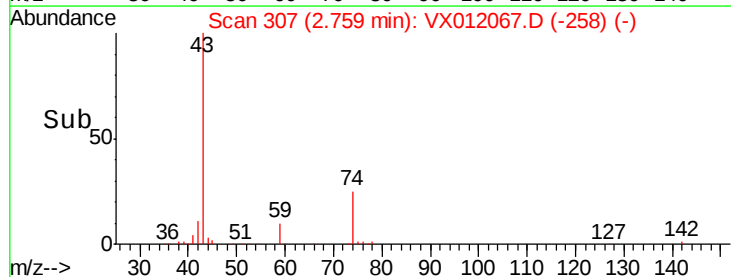
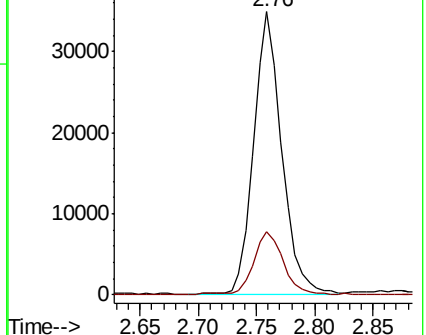
43 100

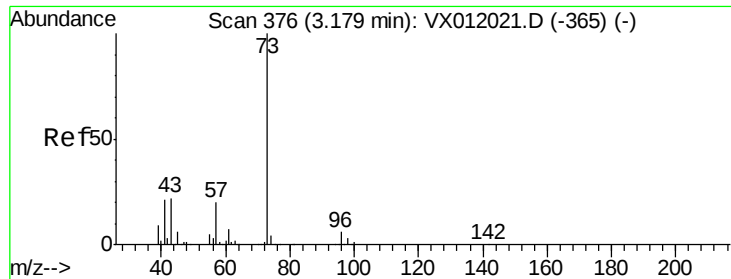
74 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

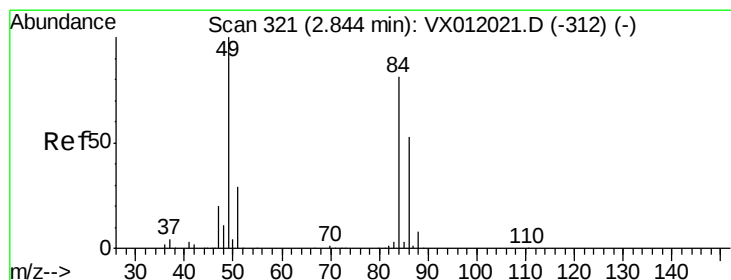
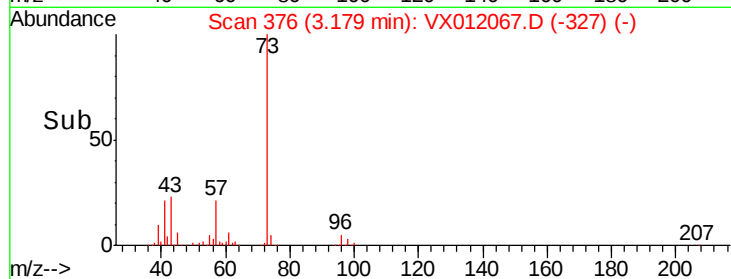
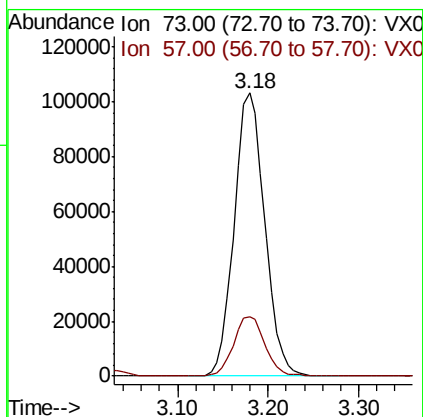
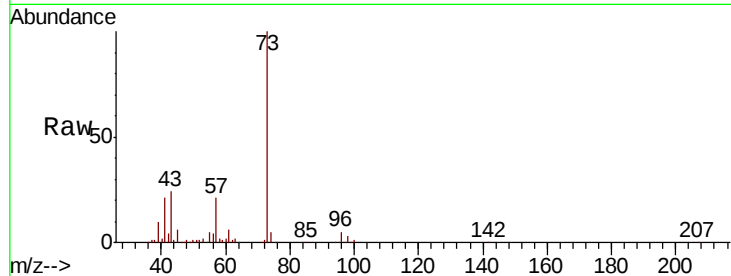




#19
Methyl tert-butyl Ether
Concen: 52.351 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

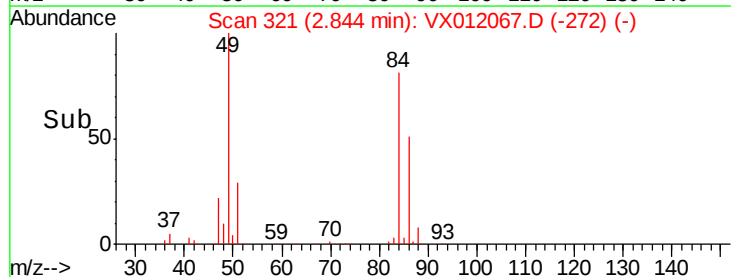
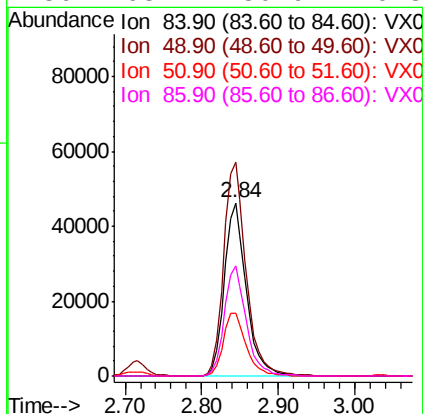
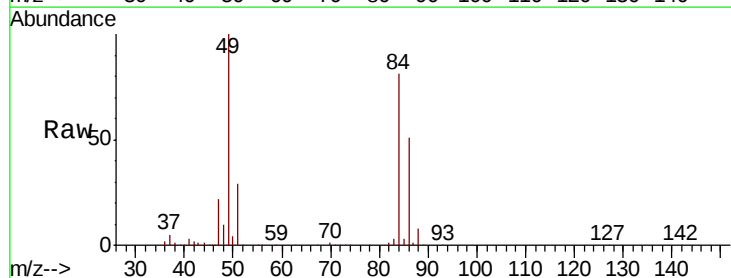
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

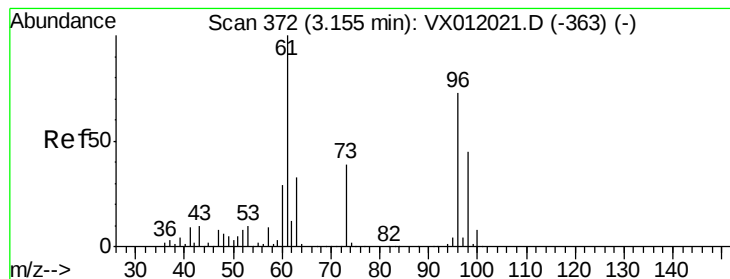
Tgt Ion: 73 Resp: 241231
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0



#20
Methylene Chloride
Concen: 47.966 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion: 84 Resp: 91311
Ion Ratio Lower Upper
84 100
49 123.5 95.8 143.8
51 36.3 28.6 43.0
86 63.4 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 52.176 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

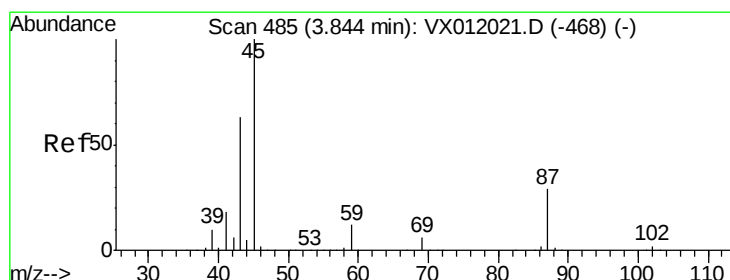
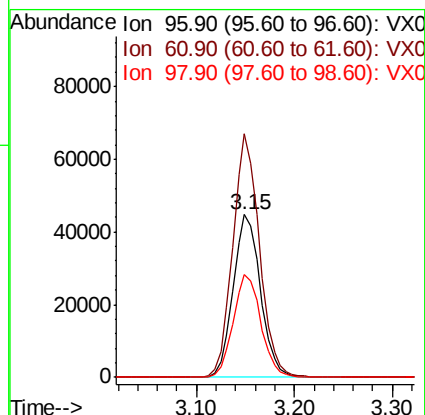
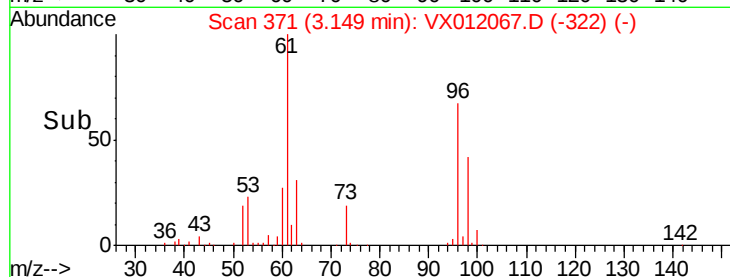
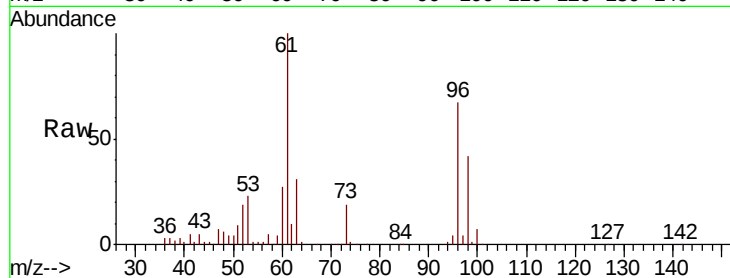
Tgt Ion: 96 Resp: 86662

Ion Ratio Lower Upper

96 100

61 149.7 107.0 160.6

98 63.5 49.8 74.6



#22

Diisopropyl ether

Concen: 52.710 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Tgt Ion: 45 Resp: 275155

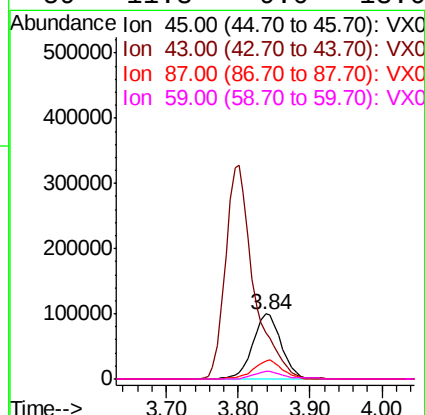
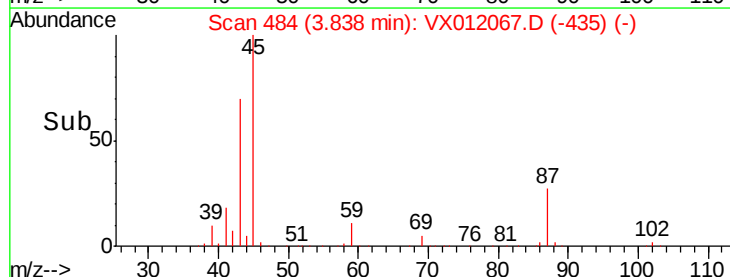
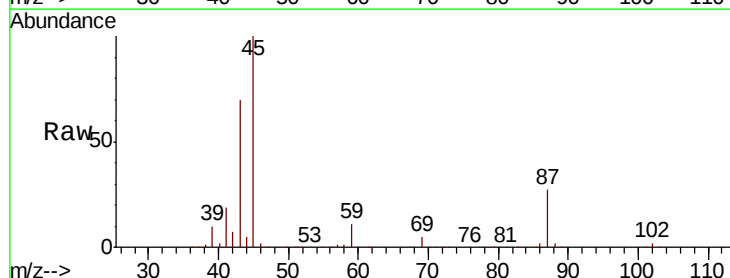
Ion Ratio Lower Upper

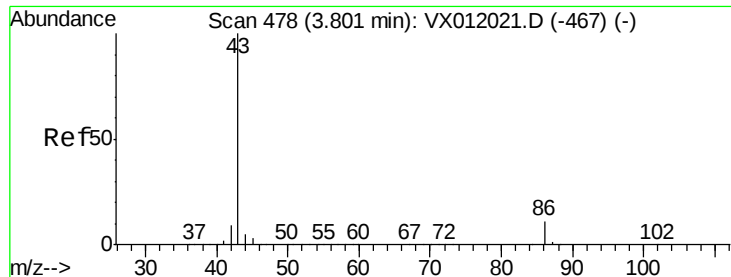
45 100

43 70.1 54.2 81.4

87 27.2 23.4 35.0

59 11.3 9.0 13.6





#23

Vinyl Acetate

Concen: 265.735 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

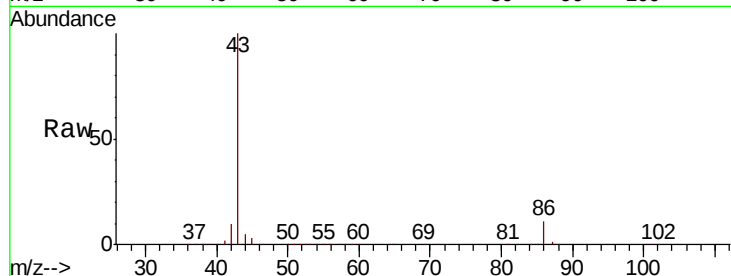
VSTDCCC050

Tgt Ion: 43 Resp: 897357

Ion Ratio Lower Upper

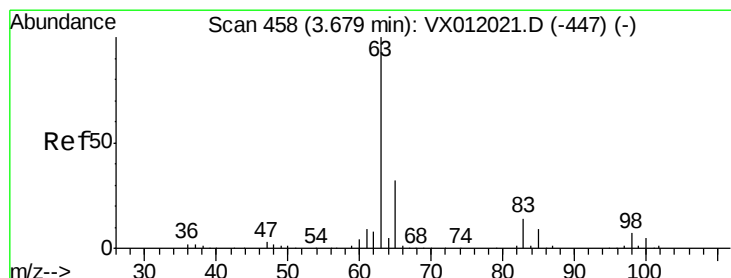
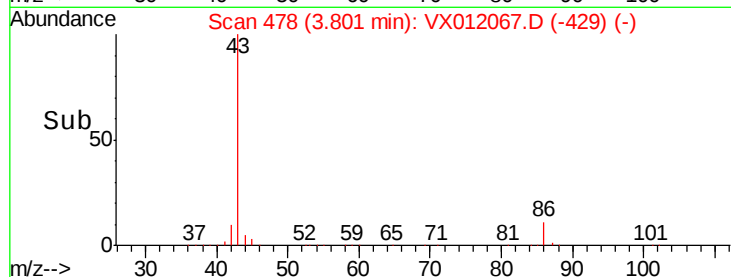
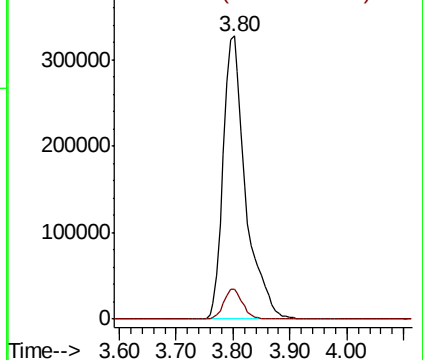
43 100

86 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.410 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

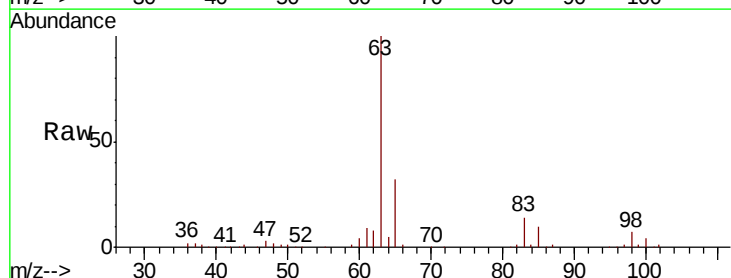
Tgt Ion: 63 Resp: 158677

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

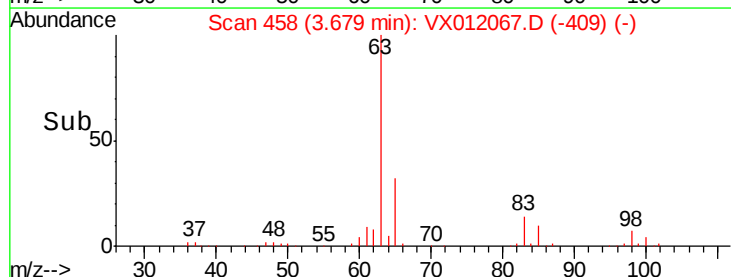
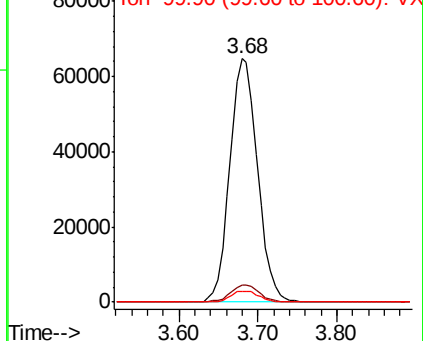
100 4.5 2.5 7.4

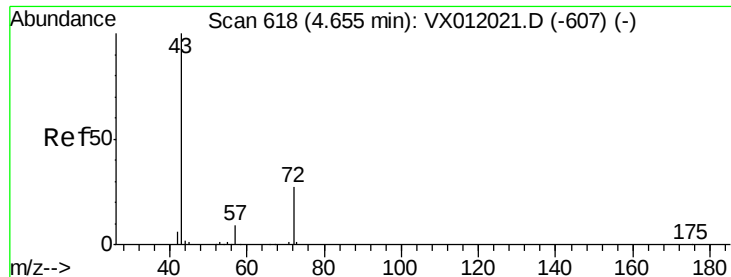


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.625 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

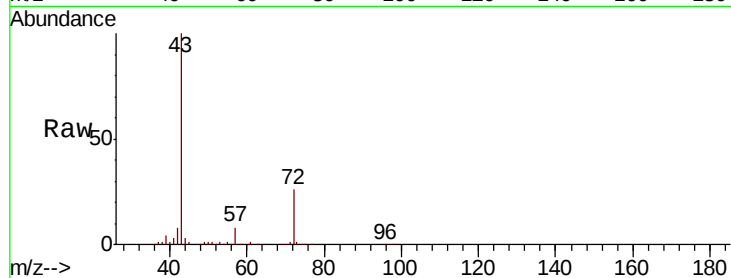
VSTDCCC050

Tgt Ion: 43 Resp: 151237

Ion Ratio Lower Upper

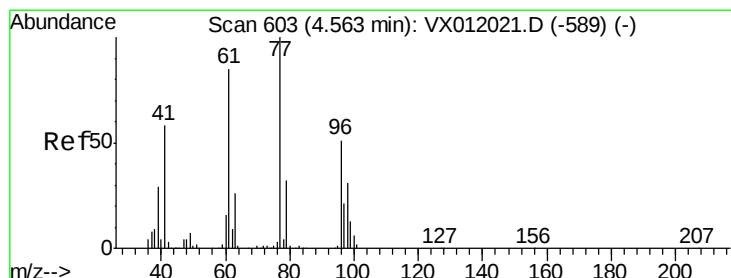
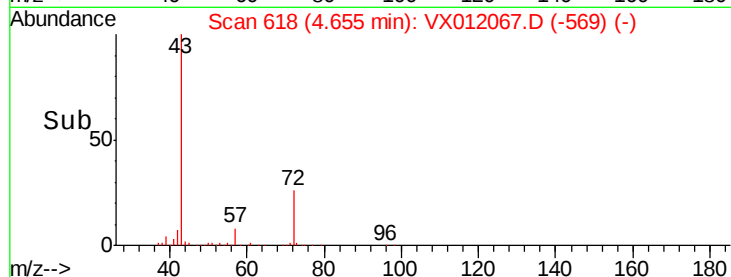
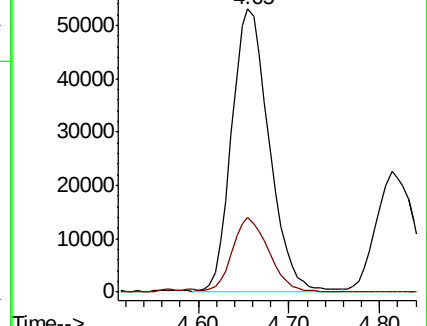
43 100

72 26.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.788 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012067.D

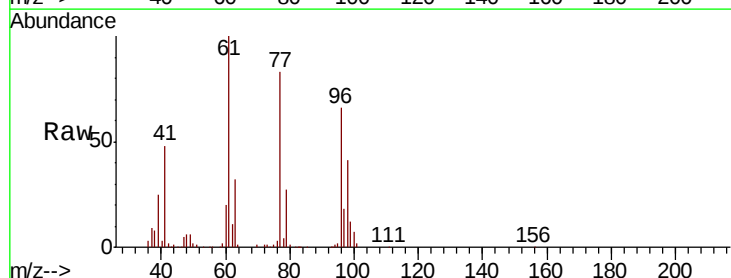
Acq: 04 Sep 2019 22:43

Tgt Ion: 77 Resp: 127987

Ion Ratio Lower Upper

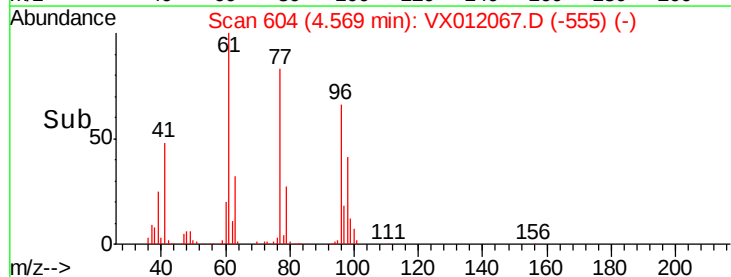
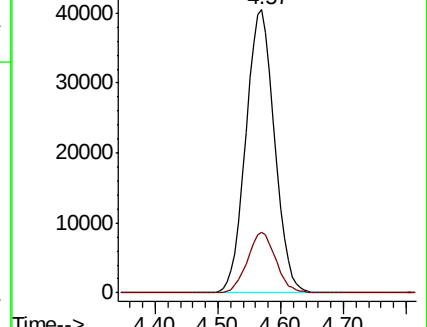
77 100

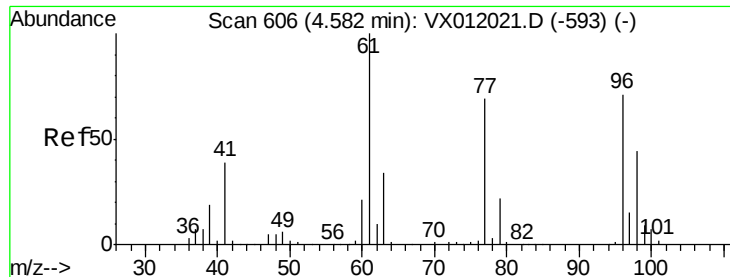
97 21.2 11.5 34.5



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: 52.246 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

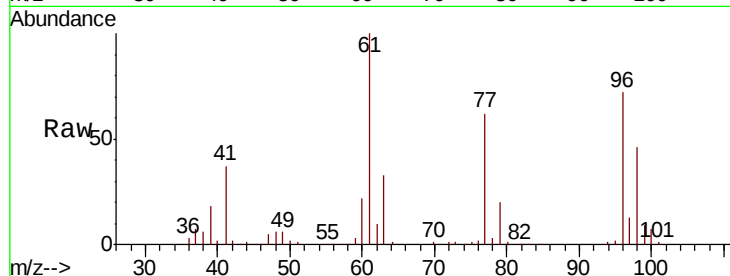
Tgt Ion: 96 Resp: 101720

Ion Ratio Lower Upper

96 100

61 148.7 0.0 277.0

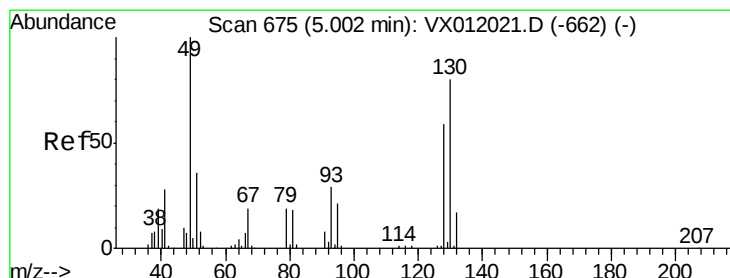
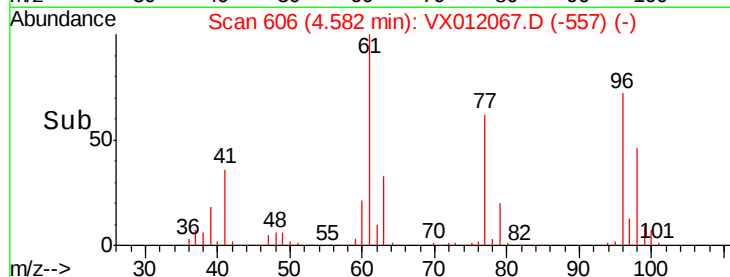
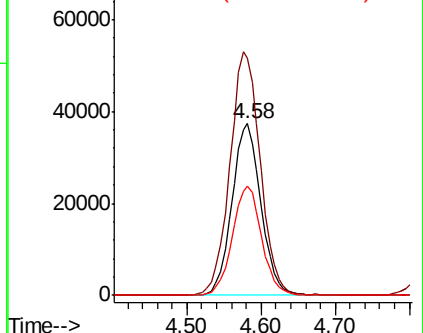
98 64.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 51.907 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

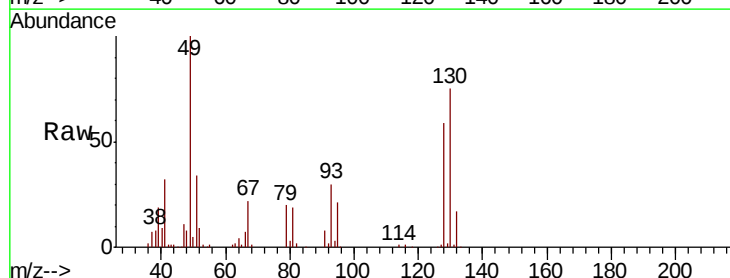
Tgt Ion: 49 Resp: 62731

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.6

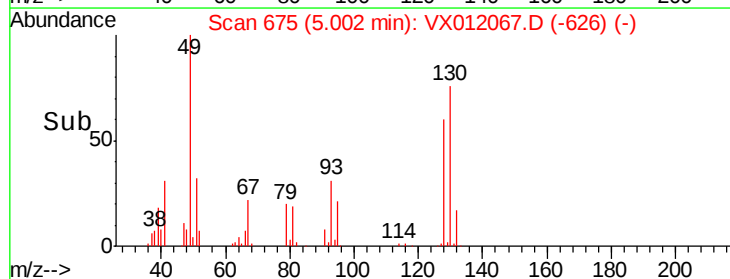
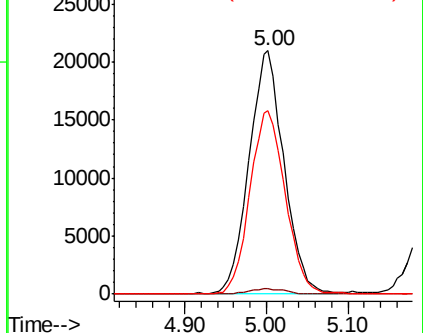
130 75.8 76.7 115.1#

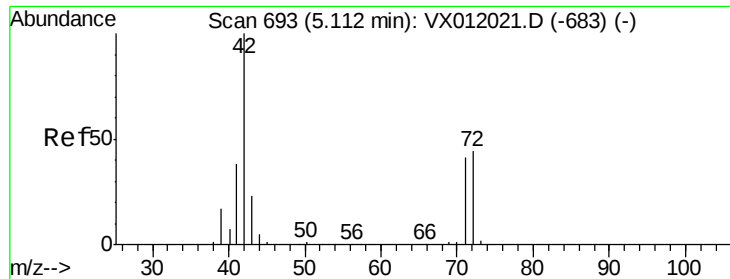


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

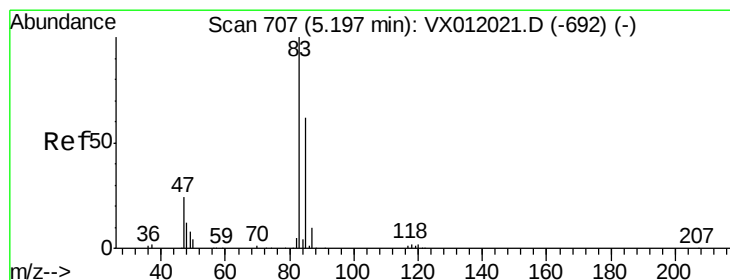
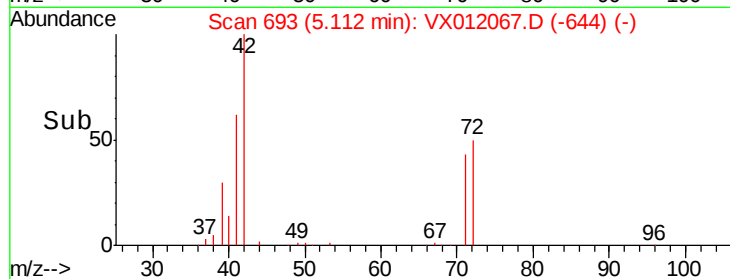
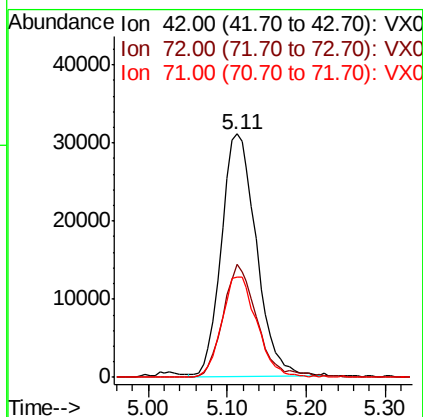
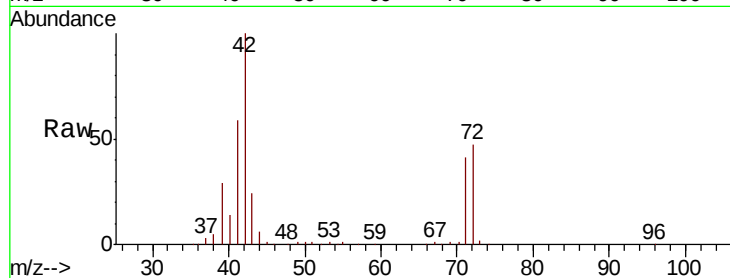




#29
Tetrahydrofuran
Concen: 263.318 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

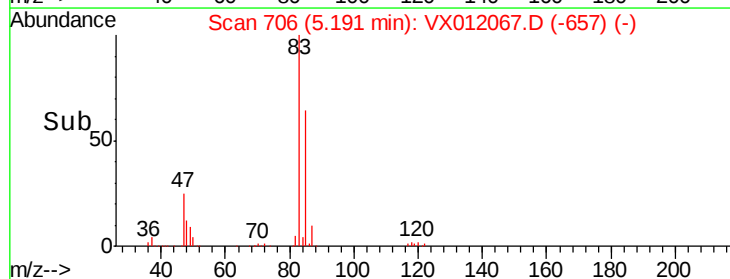
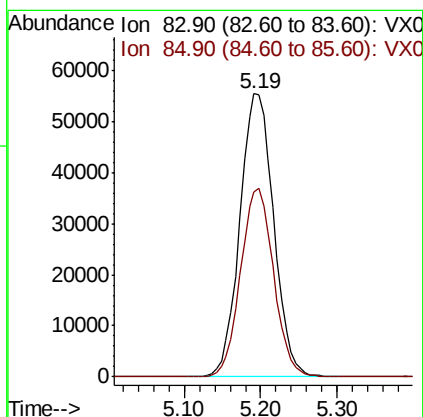
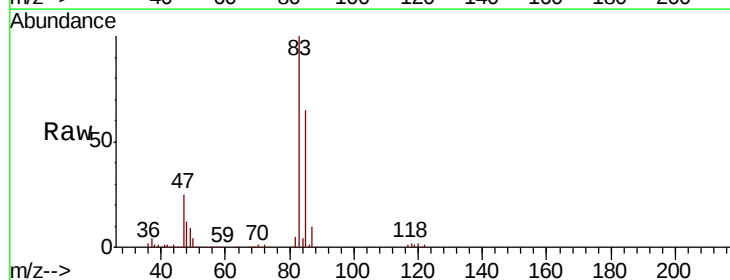
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

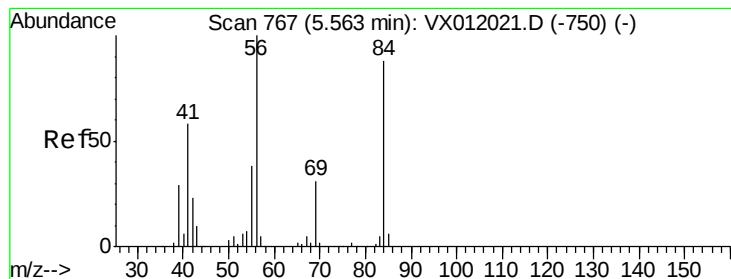
Tgt Ion: 42 Resp: 95735
Ion Ratio Lower Upper
42 100
72 45.6 37.0 55.4
71 41.9 33.8 50.8



#30
Chloroform
Concen: 52.368 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion: 83 Resp: 170125
Ion Ratio Lower Upper
83 100
85 65.2 52.6 78.8





#31

Cyclohexane

Concen: 48.921 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

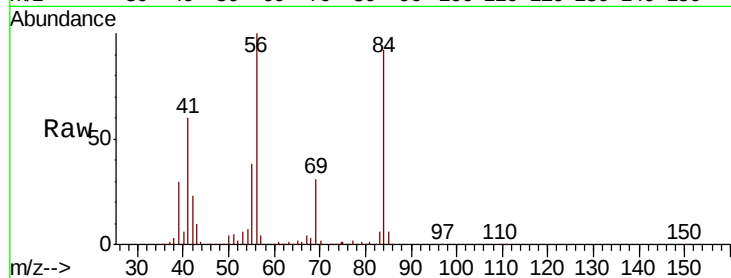
Tgt Ion: 56 Resp: 118953

Ion Ratio Lower Upper

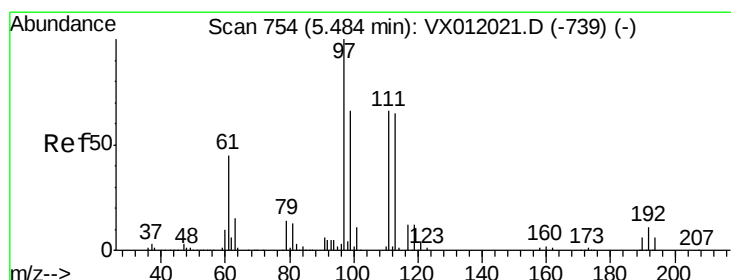
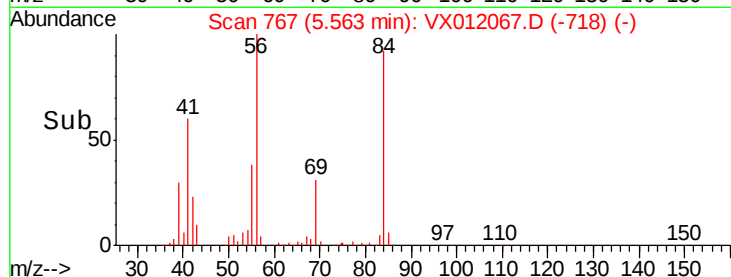
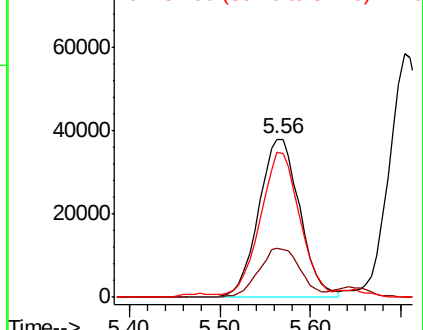
56 100

69 31.3 25.7 38.5

84 89.8 70.3 105.5



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



#32

1,1,1-Trichloroethane

Concen: 52.047 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

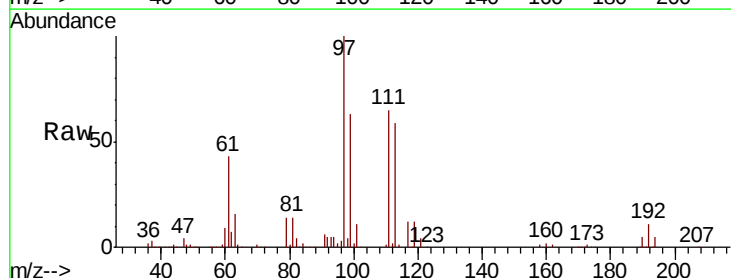
Tgt Ion: 97 Resp: 147262

Ion Ratio Lower Upper

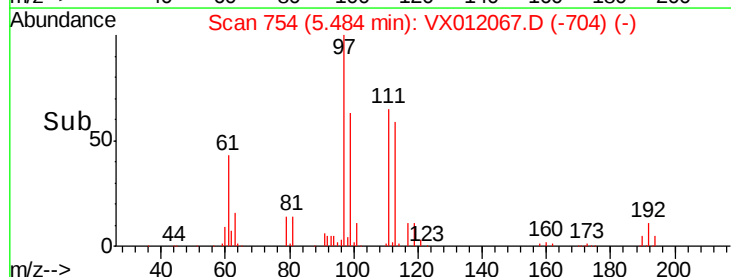
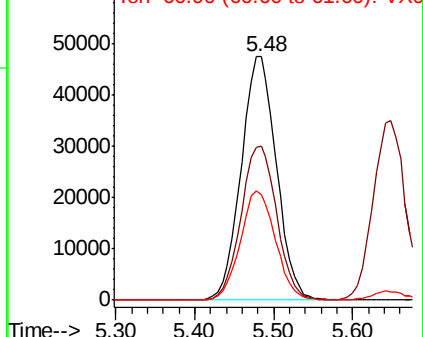
97 100

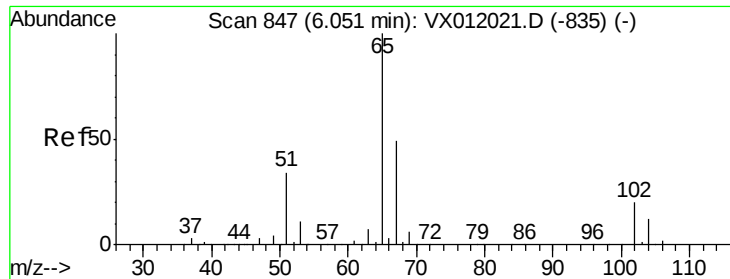
99 64.3 52.1 78.1

61 44.9 32.8 49.2



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

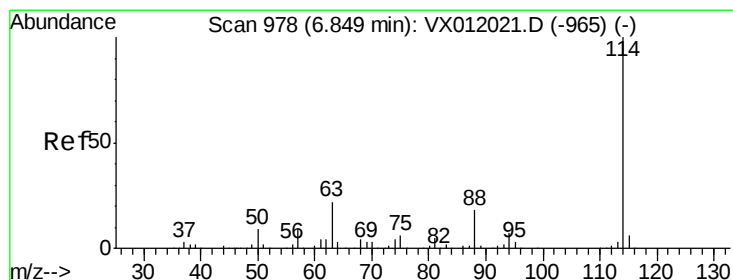
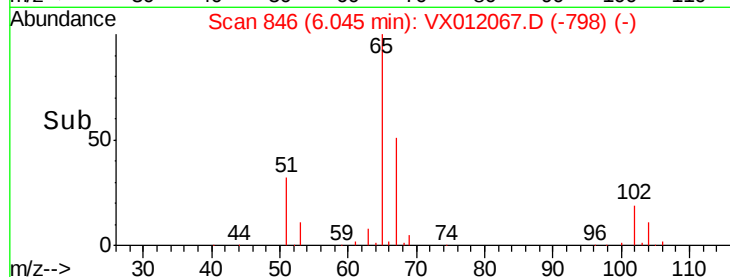
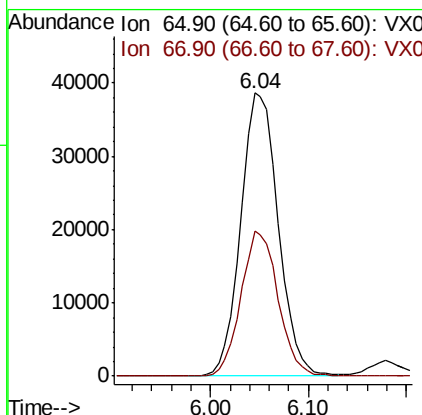
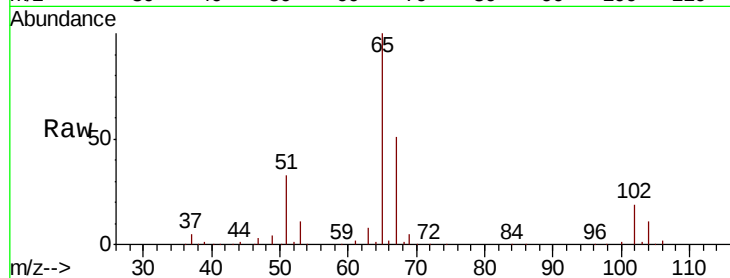




#33
 1,2-Dichloroethane-d4
 Concen: 51.842 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

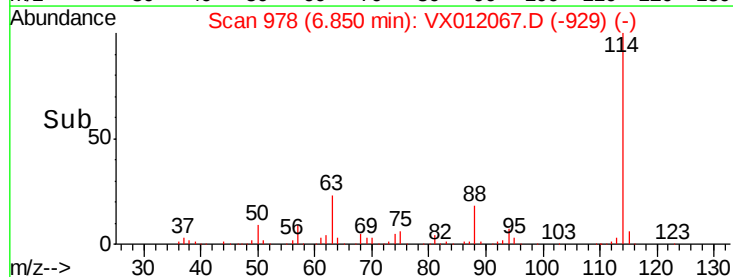
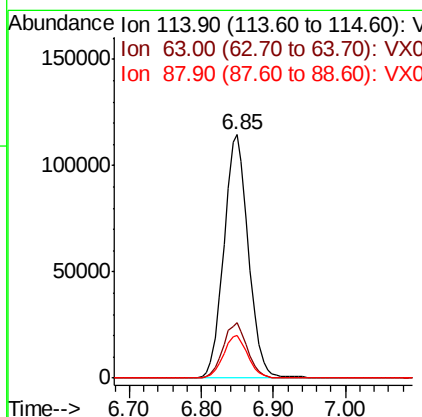
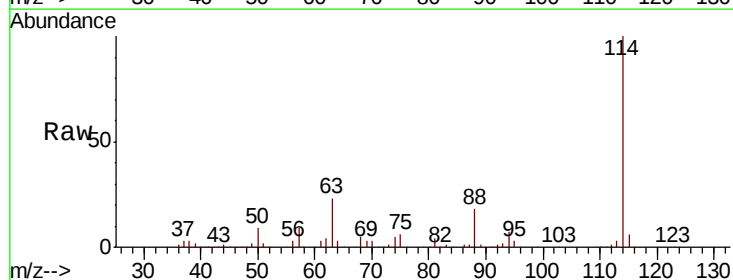
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

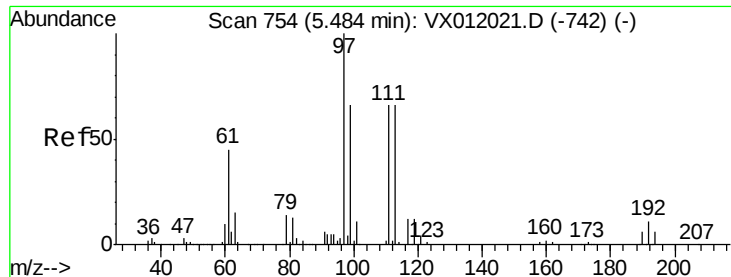
Tgt Ion: 65 Resp: 102819
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion: 114 Resp: 271024
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 37.4
 88 17.7 0.0 29.6

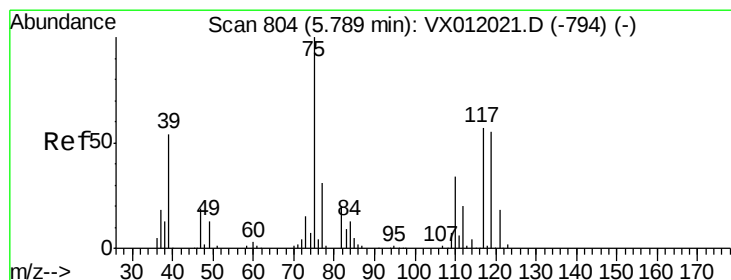
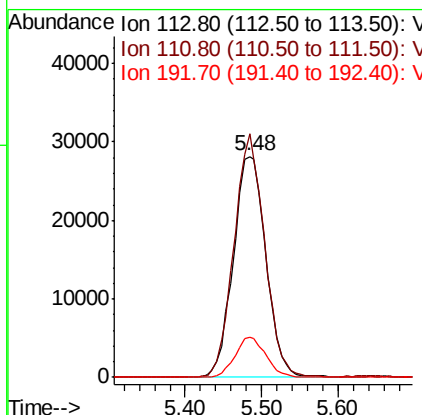
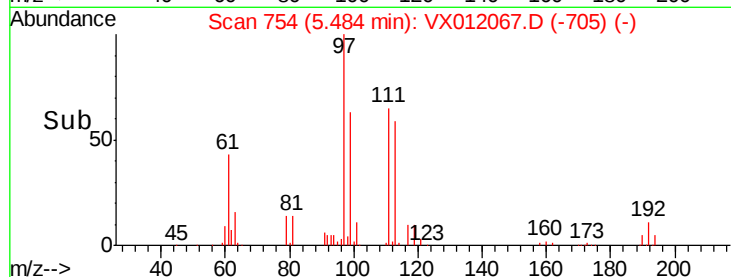
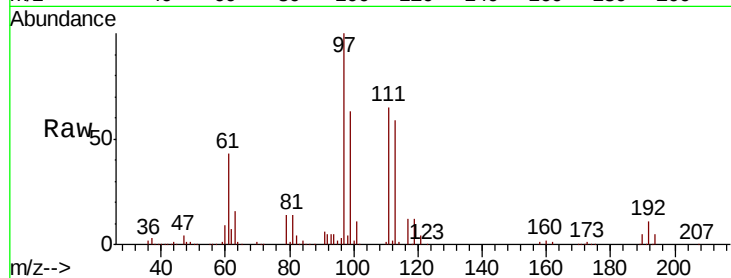




#35
 Dibromofluoromethane
 Concen: 49.866 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

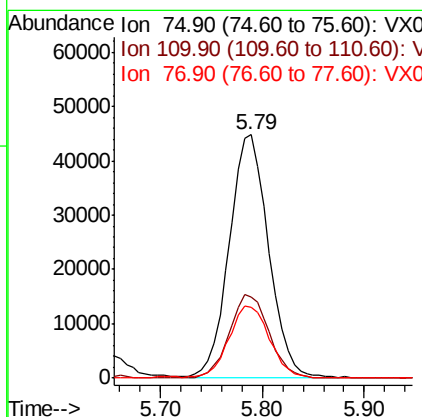
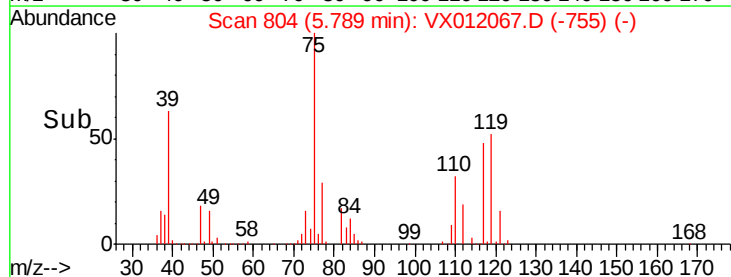
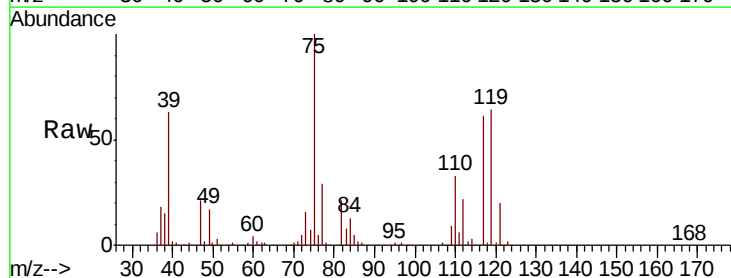
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

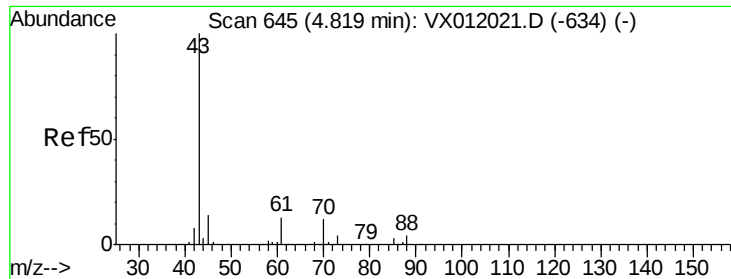
Tgt Ion:113 Resp: 83112
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.7 122.5
 192 17.2 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 49.843 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion: 75 Resp: 118978
 Ion Ratio Lower Upper
 75 100
 110 34.9 19.5 58.5
 77 30.5 24.6 37.0

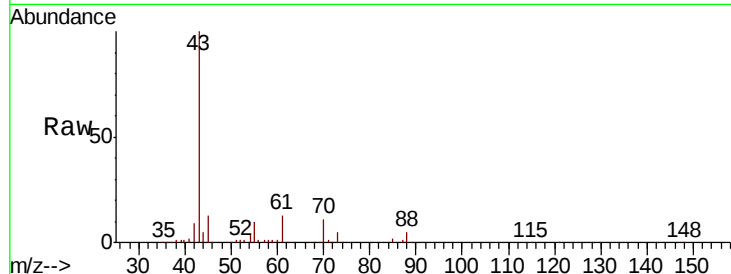




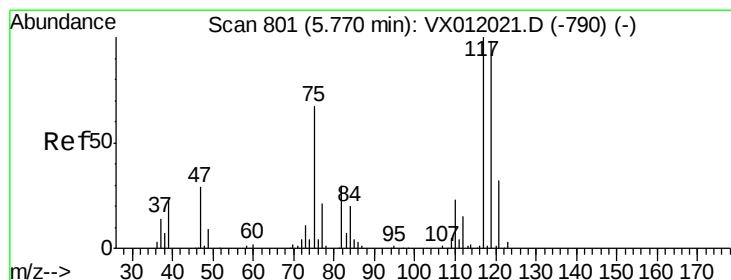
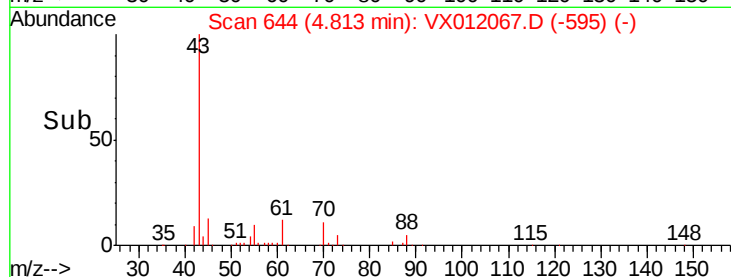
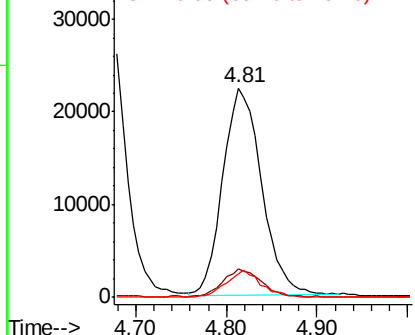
#37
Ethyl Acetate
Concen: 51.415 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 66739
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 11.8 9.4 14.0

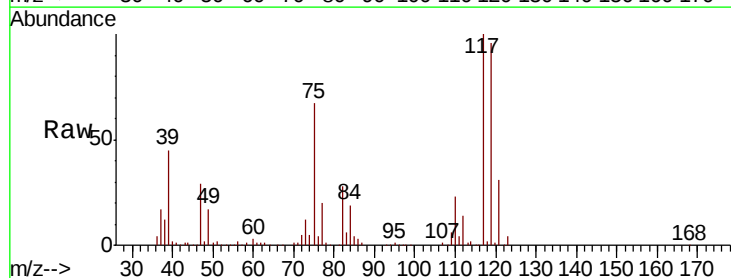


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

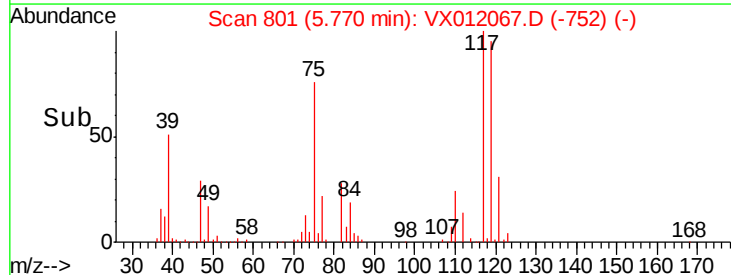
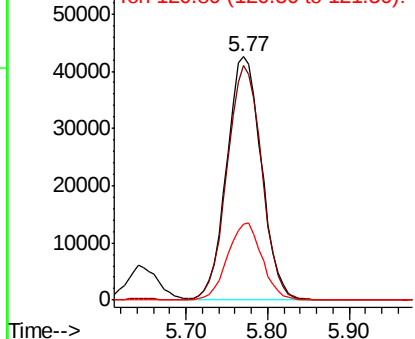


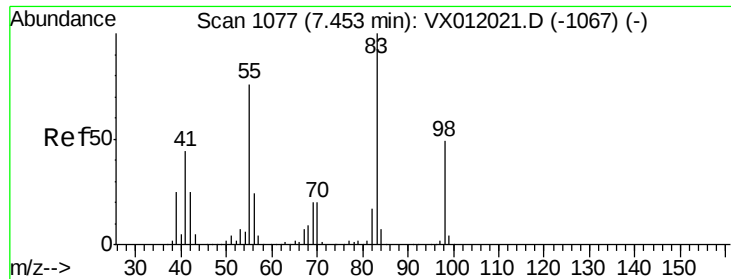
#38
Carbon Tetrachloride
Concen: 49.948 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion: 117 Resp: 125635
Ion Ratio Lower Upper
117 100
119 96.2 78.3 117.5
121 31.2 24.2 36.2



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

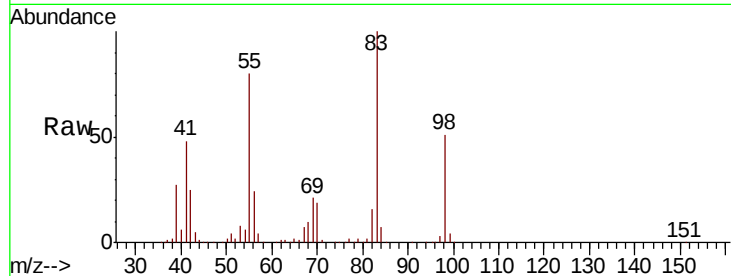




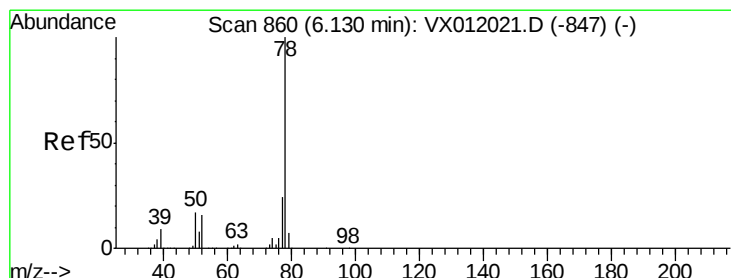
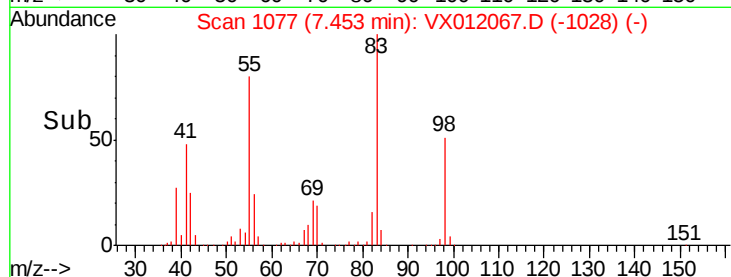
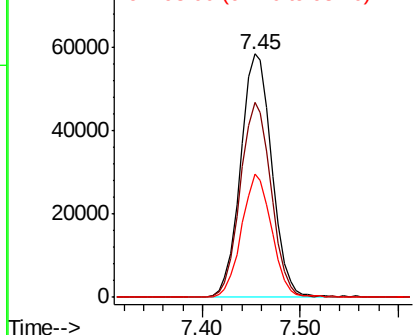
#39
Methylcyclohexane
Concen: 46.635 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 129201
Ion Ratio Lower Upper
83 100
55 80.3 59.6 89.4
98 50.5 41.4 62.0

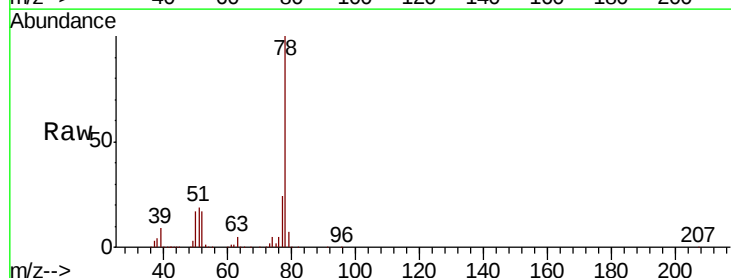


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

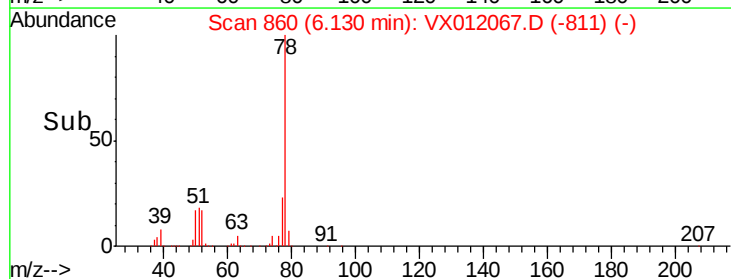
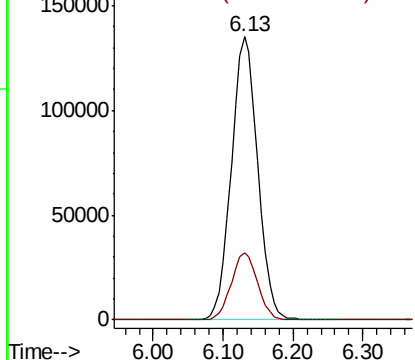


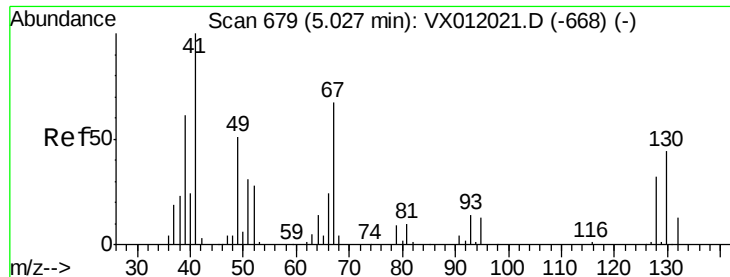
#40
Benzene
Concen: 51.570 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion: 78 Resp: 353397
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



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





#41

Methacrylonitrile

Concen: 51.420 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 39804

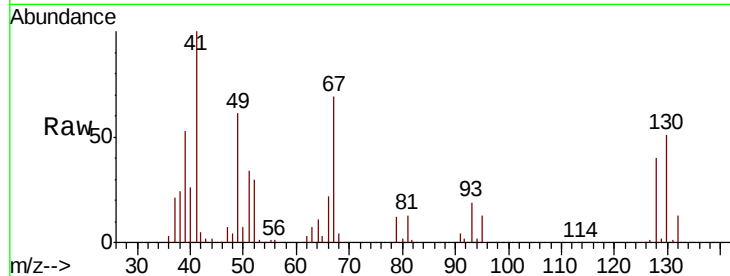
Ion Ratio Lower Upper

41 100

39 60.0 46.7 70.1

67 71.8 57.0 85.6

52 31.7 23.5 35.3

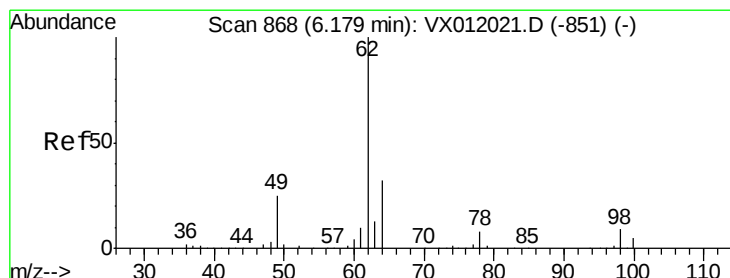
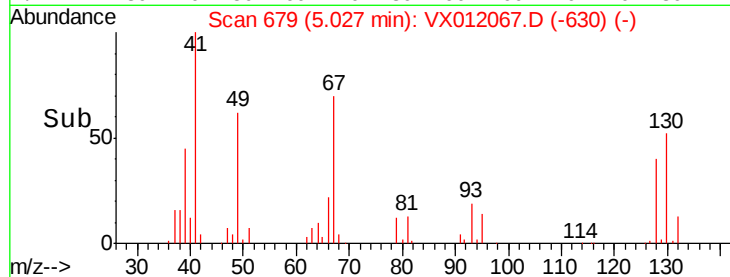
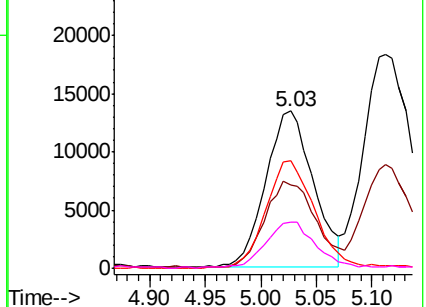


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.863 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012067.D

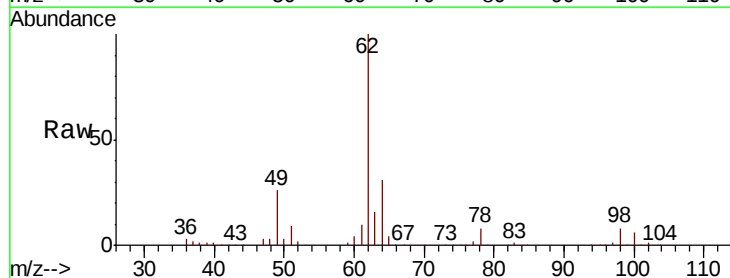
Acq: 04 Sep 2019 22:43

Tgt Ion: 62 Resp: 130362

Ion Ratio Lower Upper

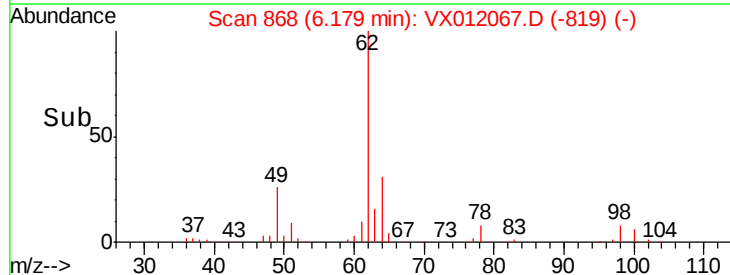
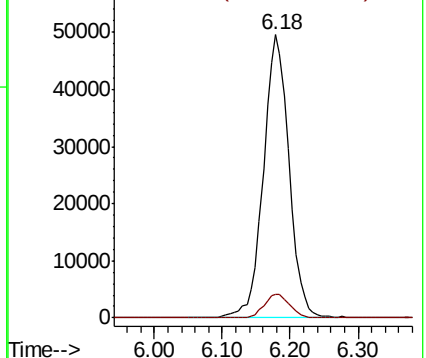
62 100

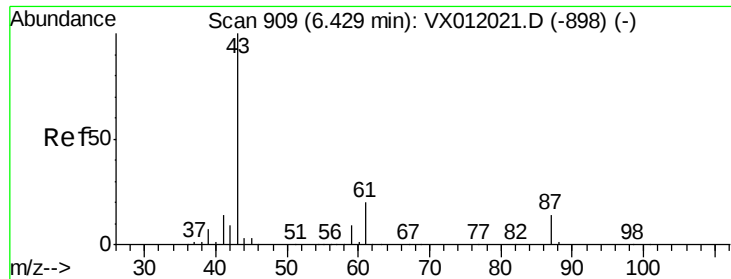
98 8.4 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.132 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

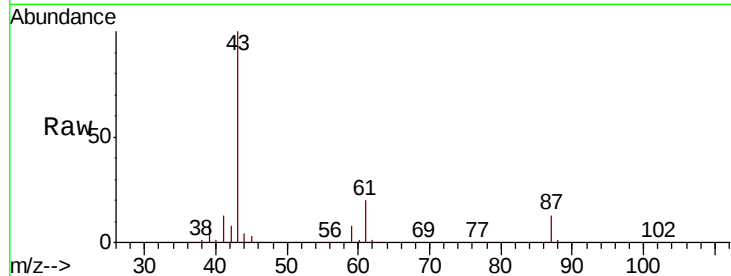
Tgt Ion: 43 Resp: 137595

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

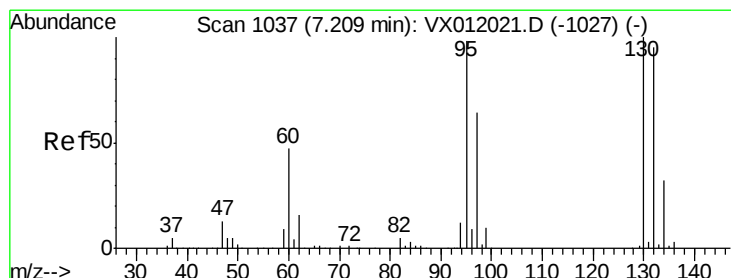
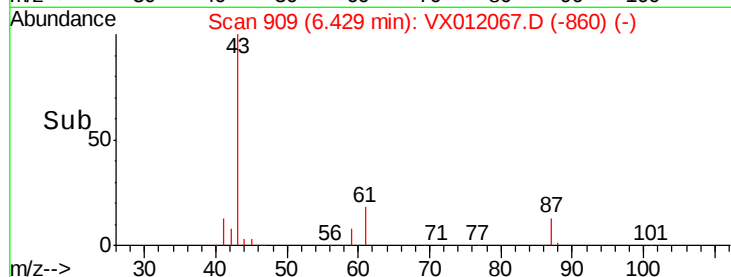
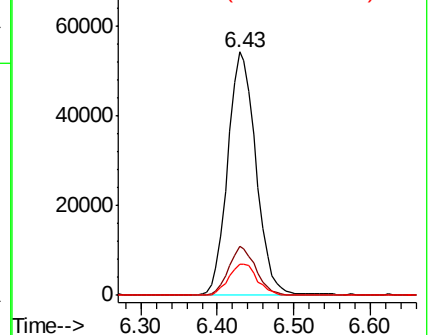
87 13.2 11.3 16.9



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: 50.284 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012067.D

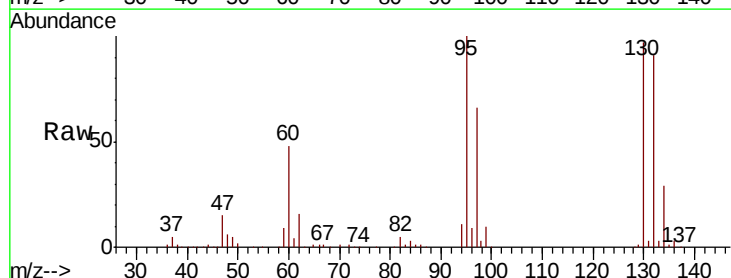
Acq: 04 Sep 2019 22:43

Tgt Ion: 130 Resp: 92941

Ion Ratio Lower Upper

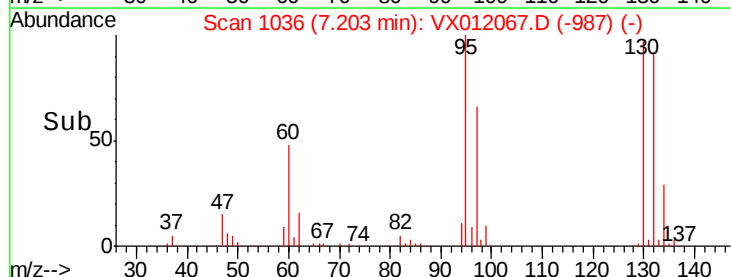
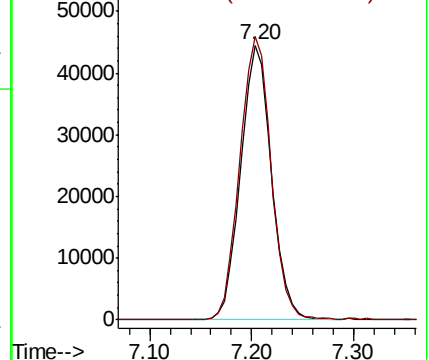
130 100

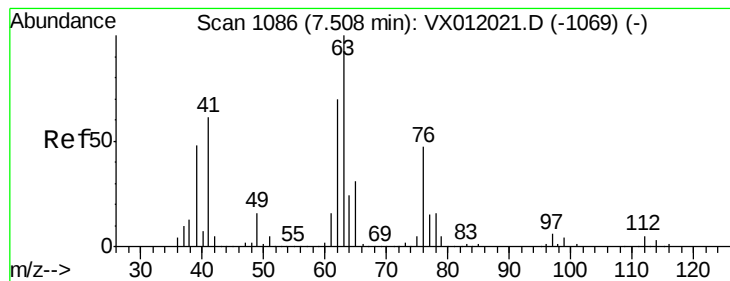
95 103.1 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.856 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

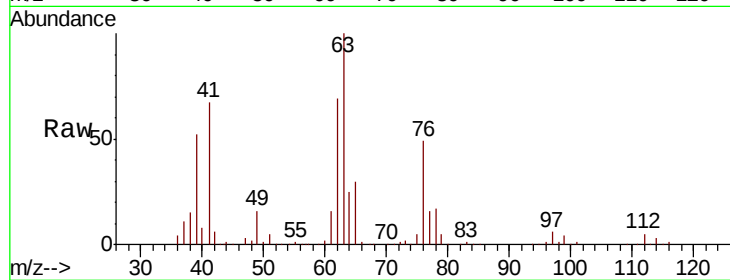
VSTDCCC050

Tgt Ion: 63 Resp: 90041

Ion Ratio Lower Upper

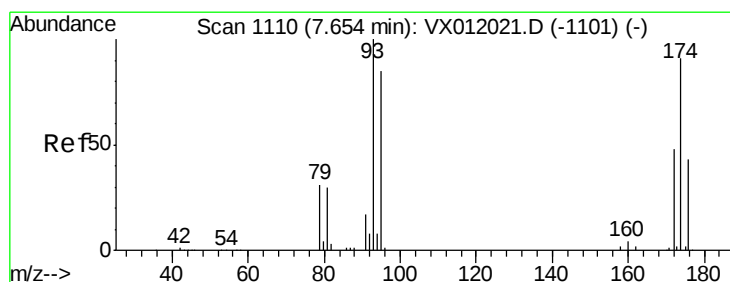
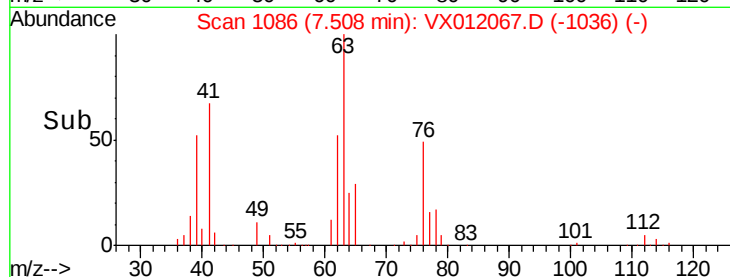
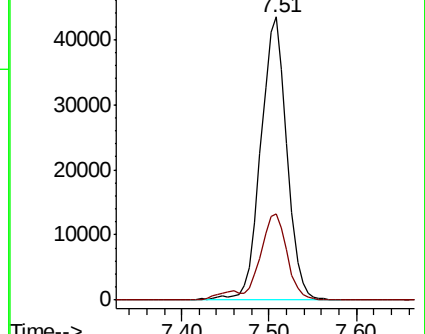
63 100

65 30.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.549 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

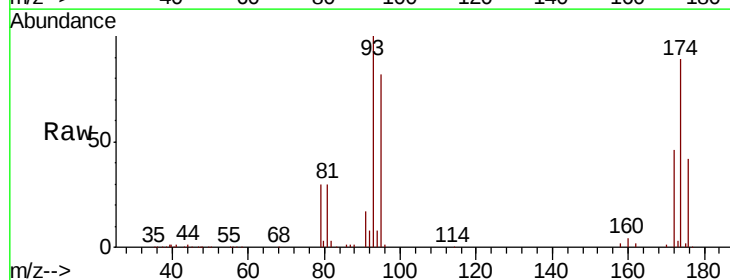
Tgt Ion: 93 Resp: 53278

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

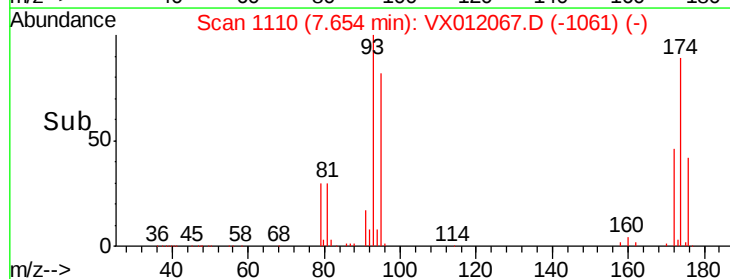
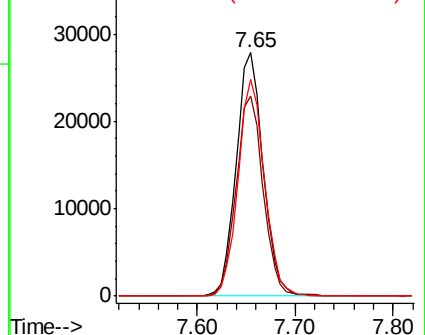
174 87.8 110.2 165.4#

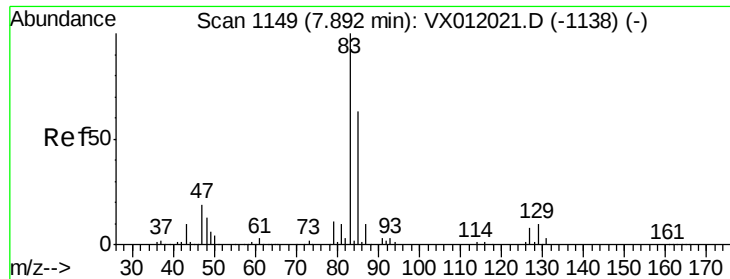


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.931 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

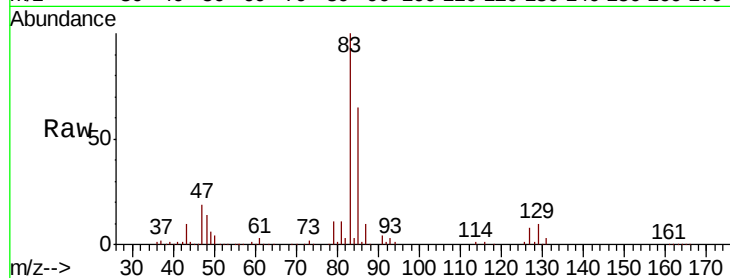
Tgt Ion: 83 Resp: 136429

Ion Ratio Lower Upper

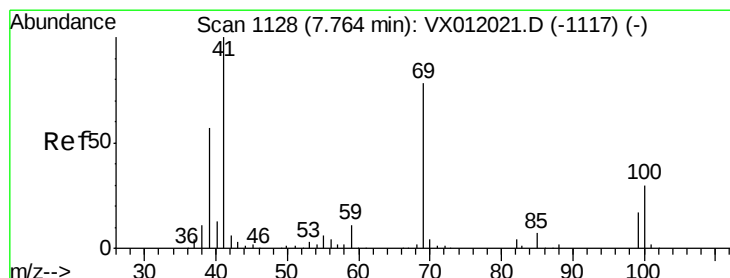
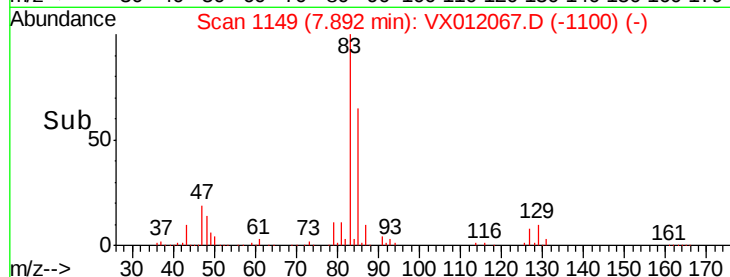
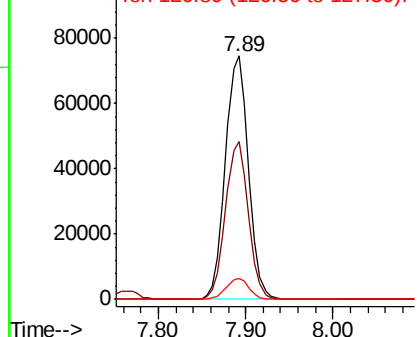
83 100

85 64.8 50.3 75.5

127 8.4 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.420 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

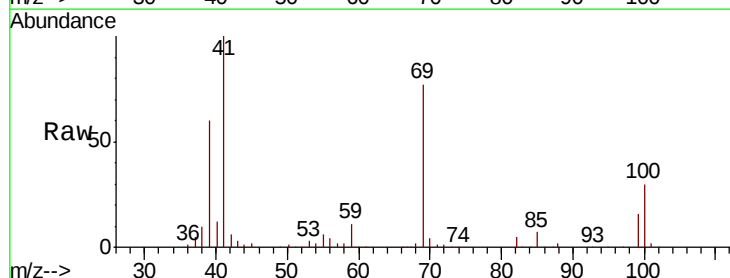
Tgt Ion: 41 Resp: 68239

Ion Ratio Lower Upper

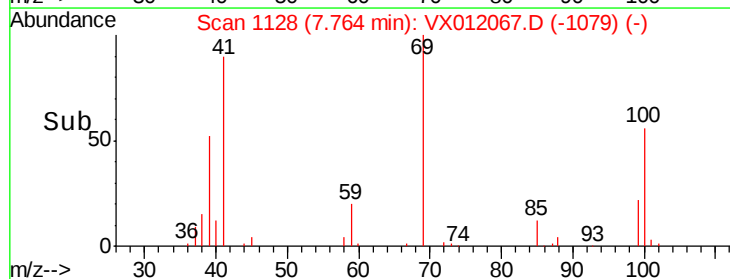
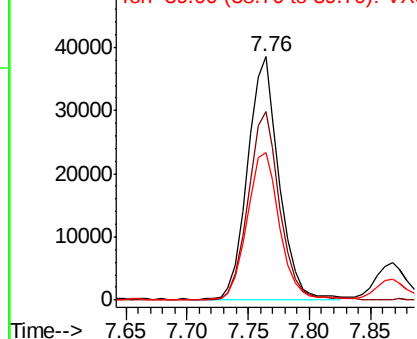
41 100

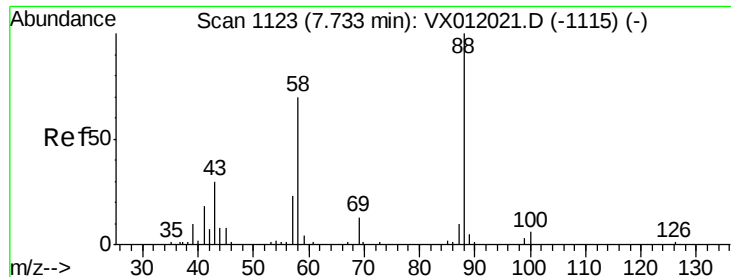
69 78.8 66.3 99.5

39 63.0 48.1 72.1



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

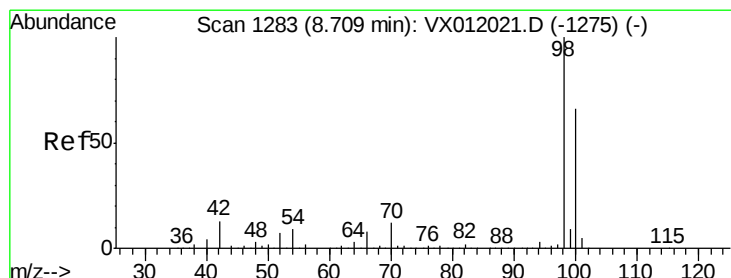
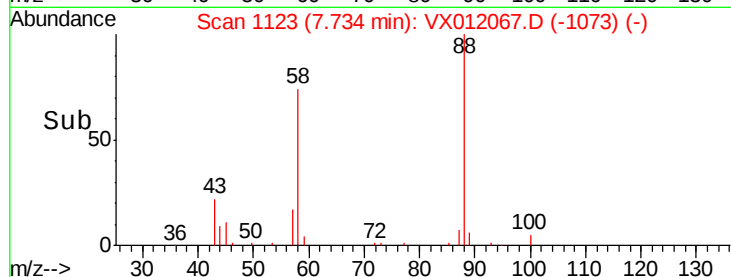
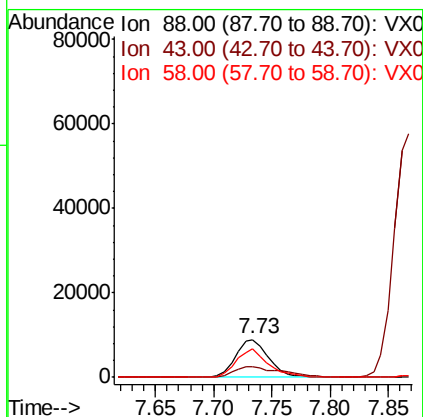
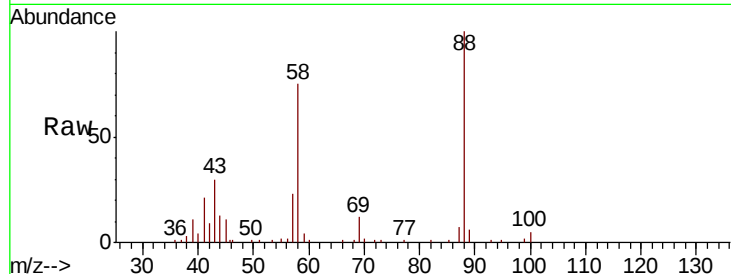




#49
1,4-Dioxane
Concen: 973.183 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

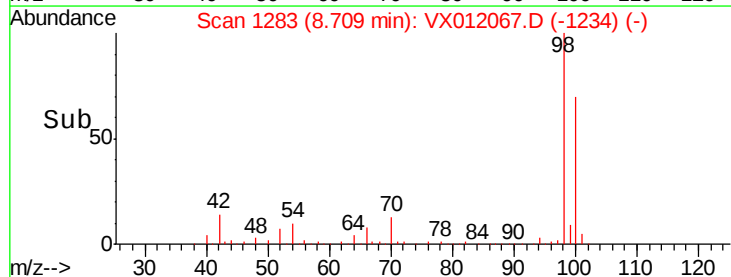
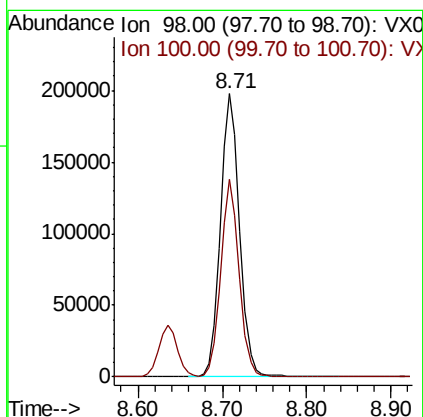
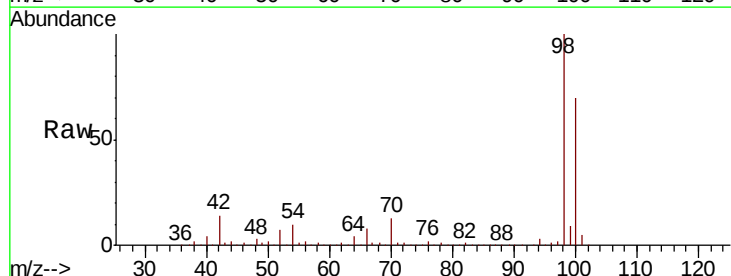
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

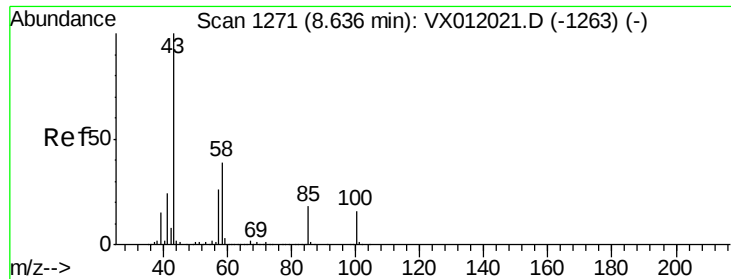
Tgt Ion: 88 Resp: 17606
Ion Ratio Lower Upper
88 100
43 38.2 29.8 44.6
58 74.6 55.4 83.2



#50
Toluene-d8
Concen: 50.482 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion: 98 Resp: 308755
Ion Ratio Lower Upper
98 100
100 67.3 53.3 79.9

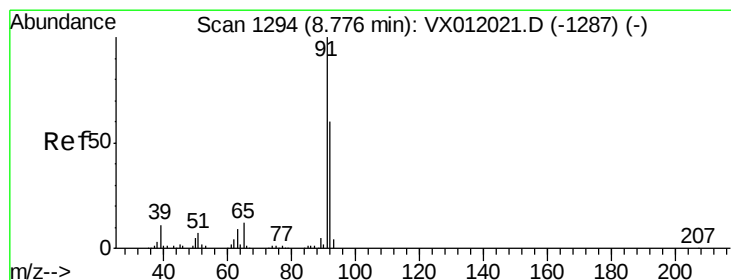
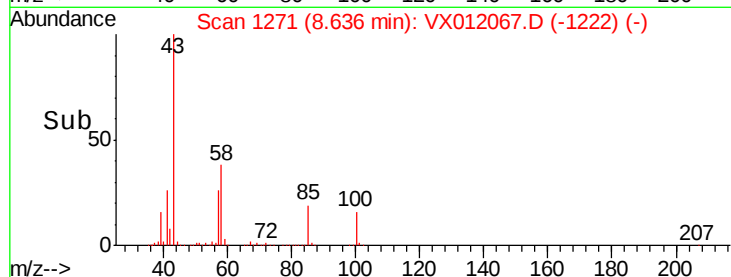
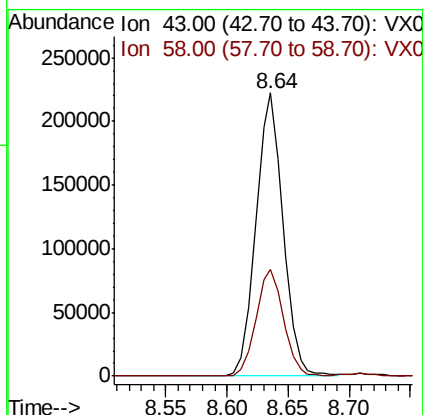
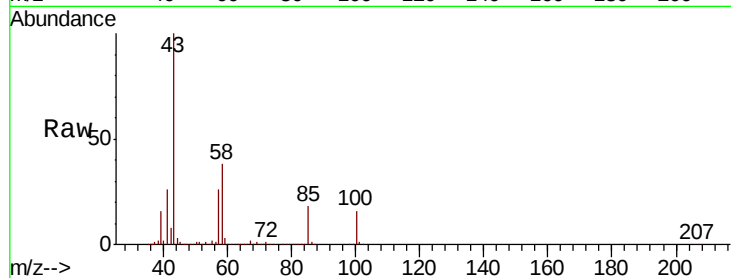




#51
 4-Methyl-2-Pentanone
 Concen: 255.788 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

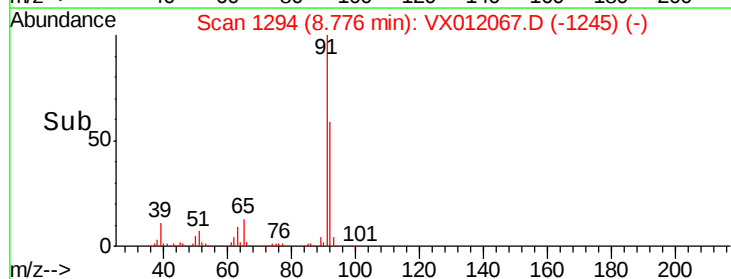
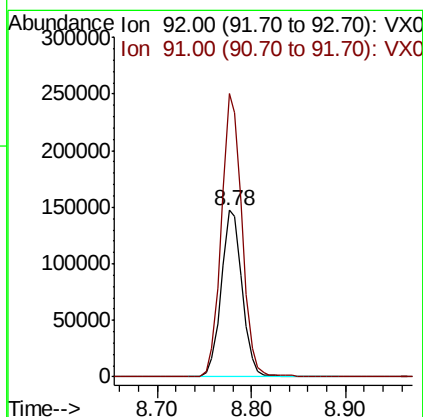
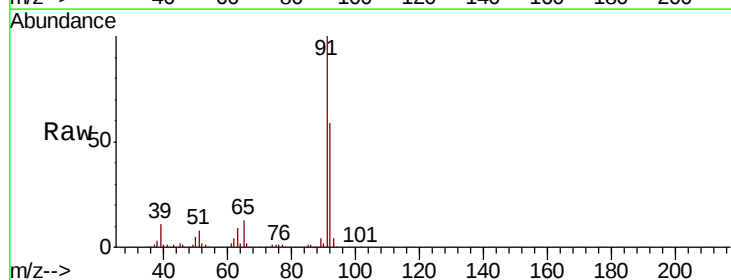
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

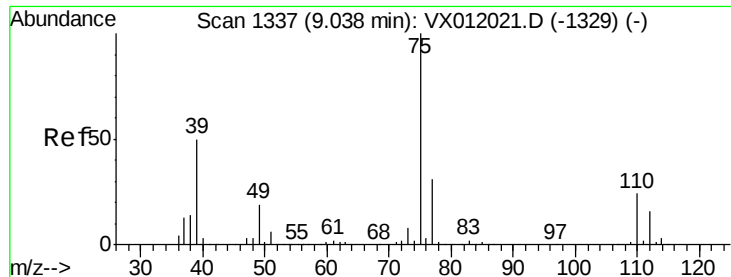
Tgt Ion: 43 Resp: 343391
 Ion Ratio Lower Upper
 43 100
 58 38.2 31.5 47.3



#52
 Toluene
 Concen: 50.764 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion: 92 Resp: 226341
 Ion Ratio Lower Upper
 92 100
 91 167.8 136.0 204.0

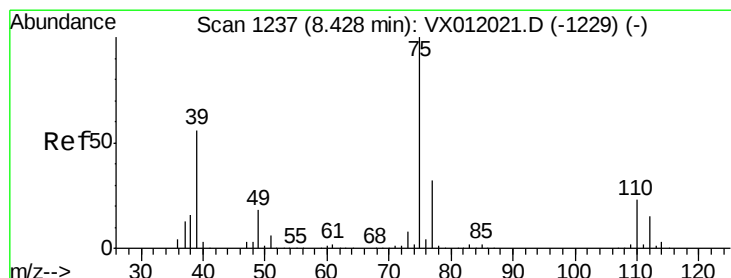
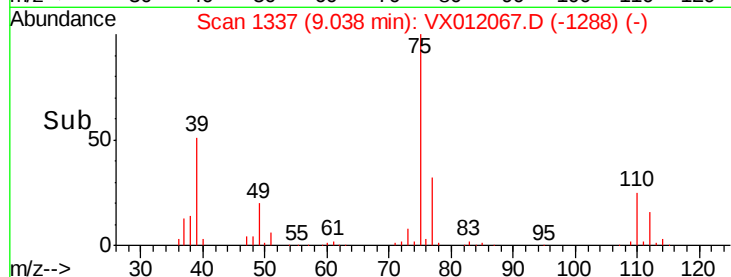
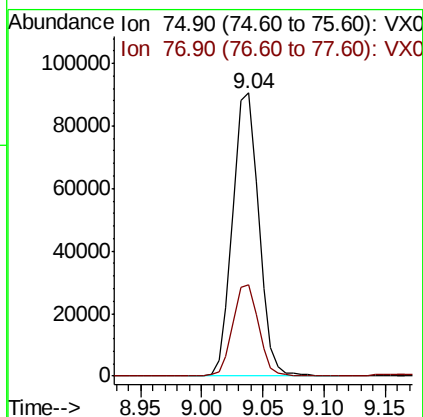
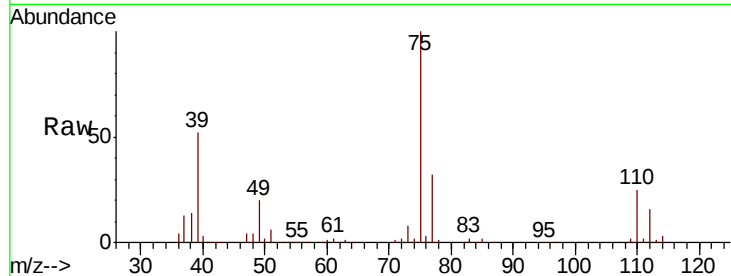




#53
 t-1,3-Dichloropropene
 Concen: 49.206 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

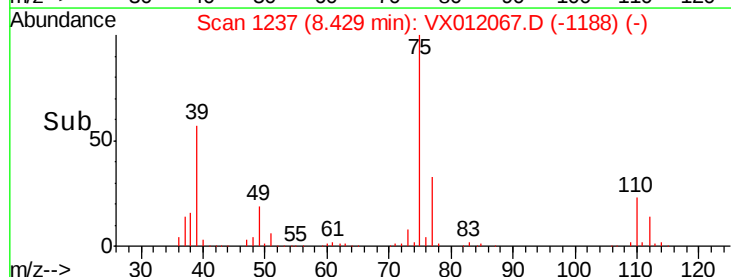
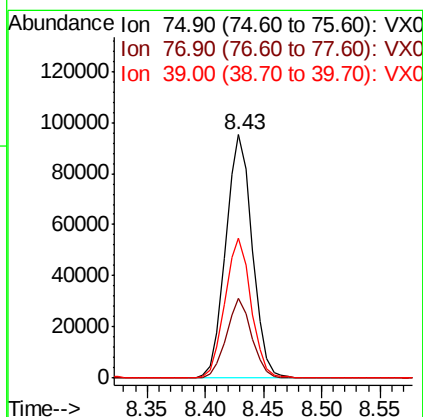
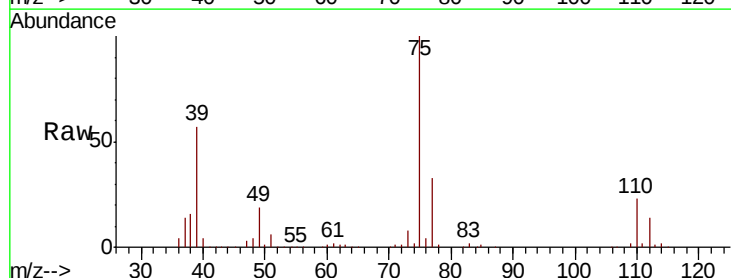
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

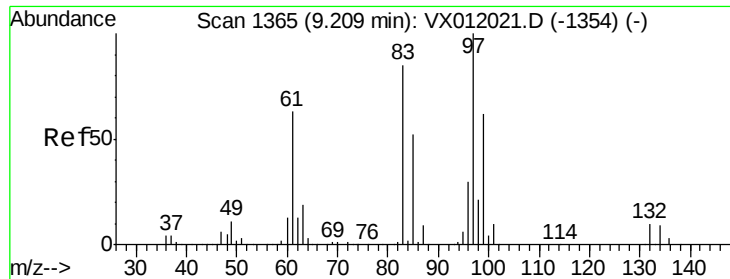
Tgt Ion: 75 Resp: 133833
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.844 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion: 75 Resp: 150755
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 57.2 43.0 64.4

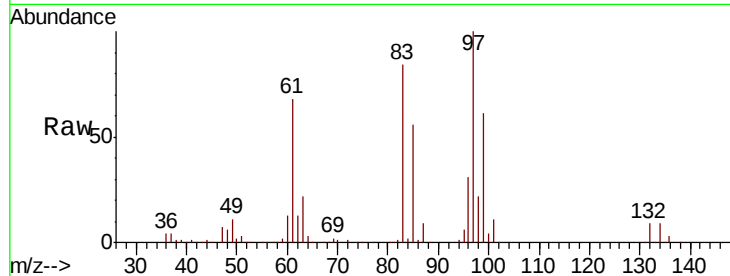




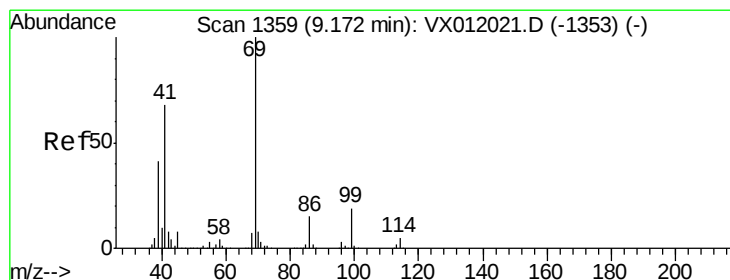
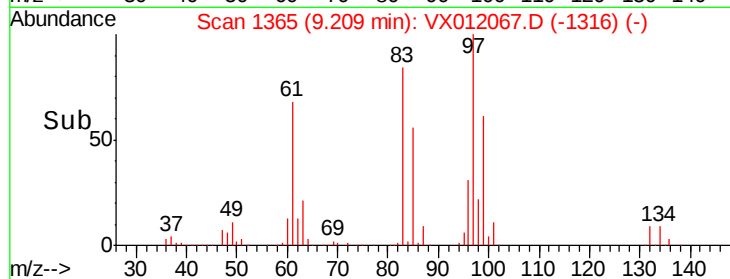
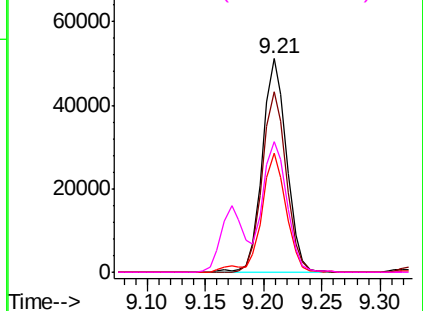
#55
 1,1,2-Trichloroethane
 Concen: 50.073 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	73990
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.0	99.0
85	55.7	41.0	61.6
99	61.4	50.6	75.8

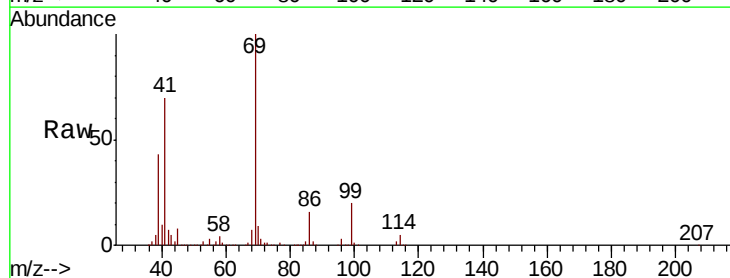


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

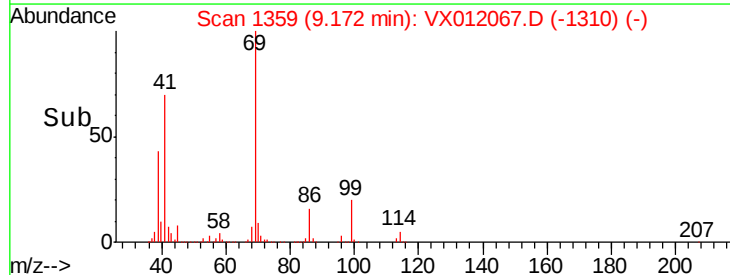
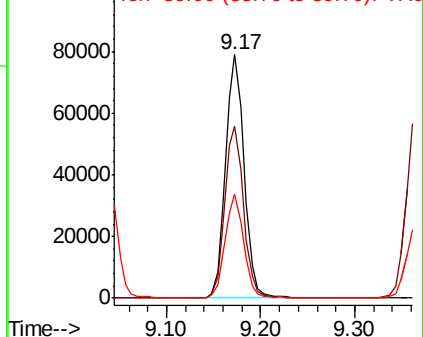


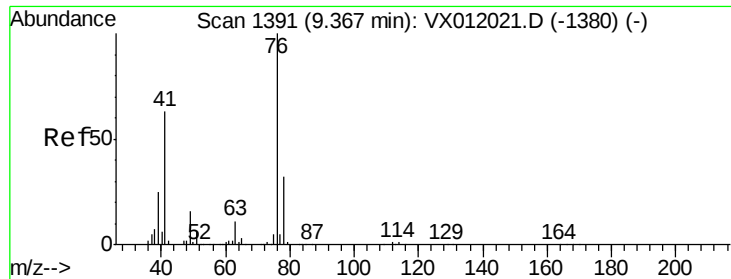
#56
 Ethyl methacrylate
 Concen: 51.271 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion:	69	Resp:	108516
Ion	Ratio	Lower	Upper
69	100		
41	70.1	53.9	80.9
39	42.0	31.1	46.7



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

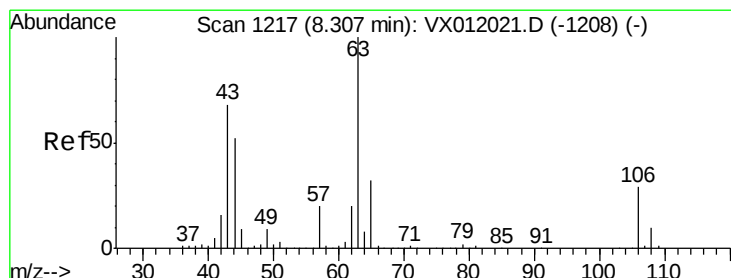
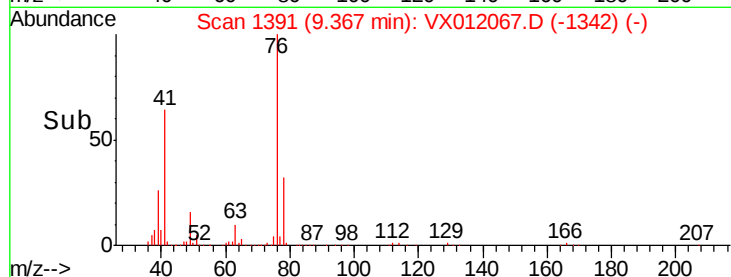
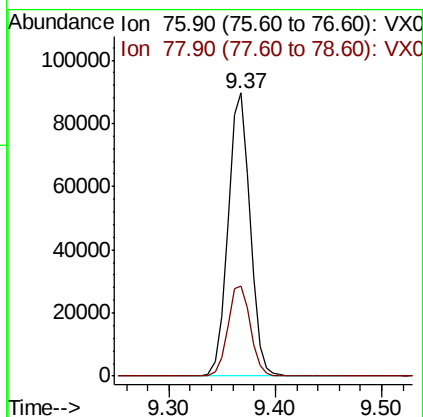
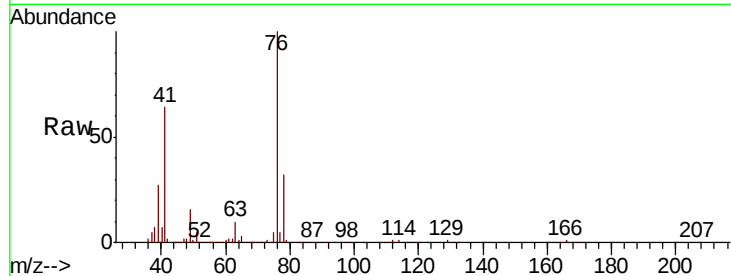




#57
 1,3-Dichloropropane
 Concen: 51.070 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

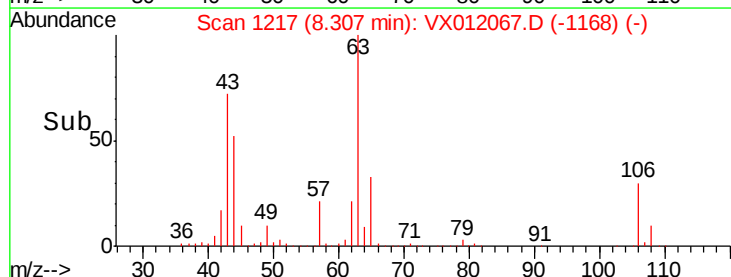
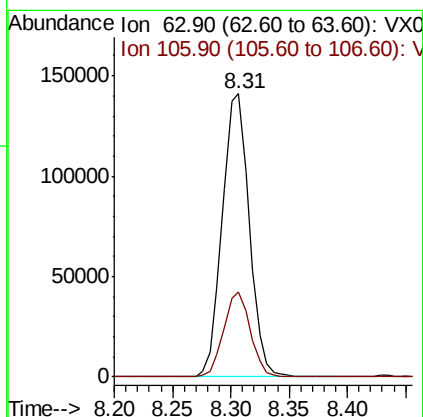
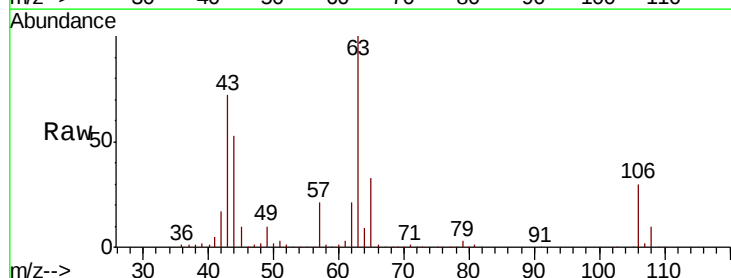
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

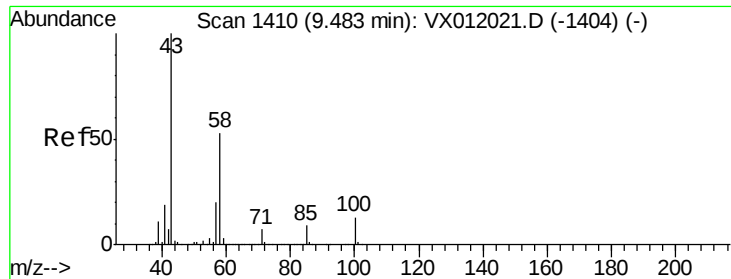
Tgt Ion: 76 Resp: 130219
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.303 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion: 63 Resp: 227391
 Ion Ratio Lower Upper
 63 100
 106 29.7 26.5 39.7

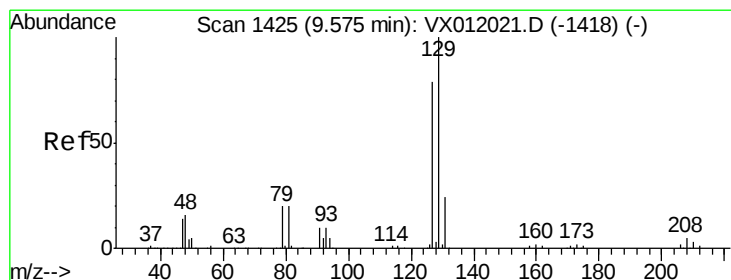
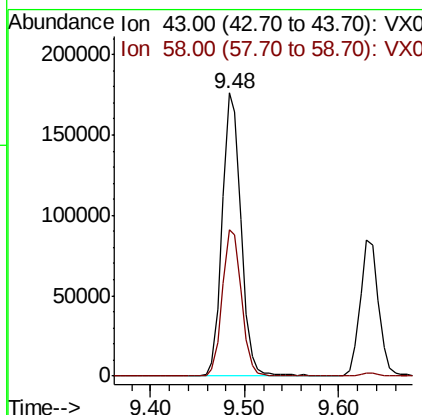
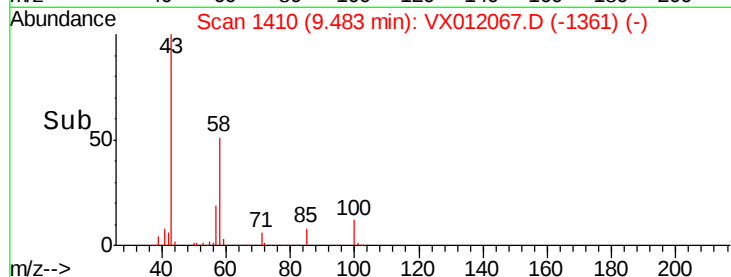
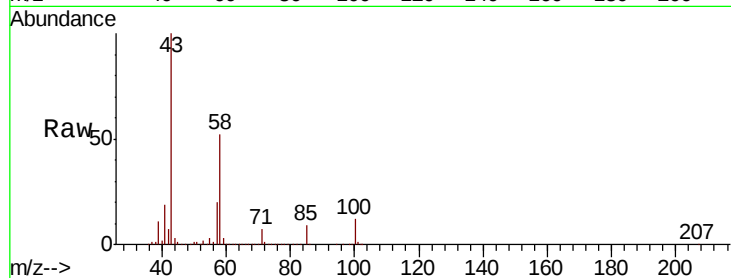




#59
2-Hexanone
Concen: 248.405 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

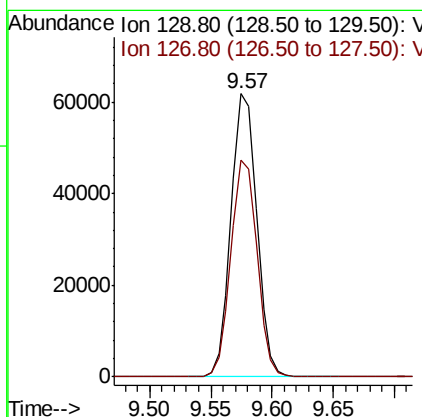
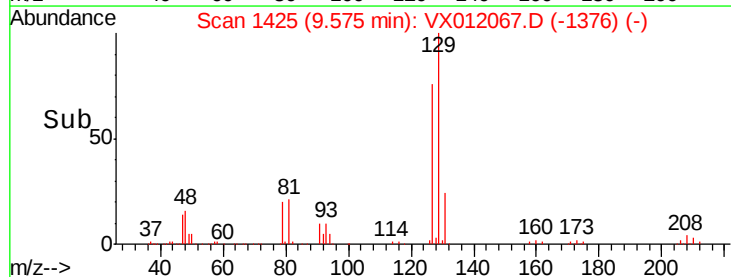
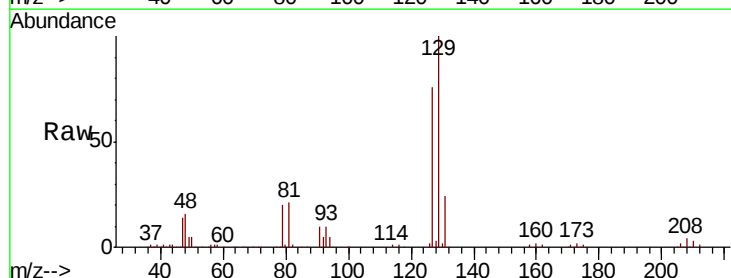
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

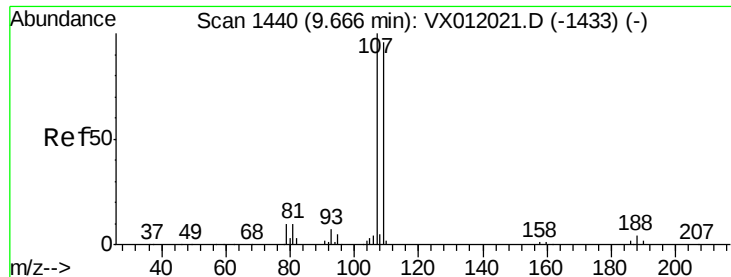
Tgt Ion: 43 Resp: 243332
Ion Ratio Lower Upper
43 100
58 53.0 27.2 81.6



#60
Dibromochloromethane
Concen: 51.167 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion: 129 Resp: 90108
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.256 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

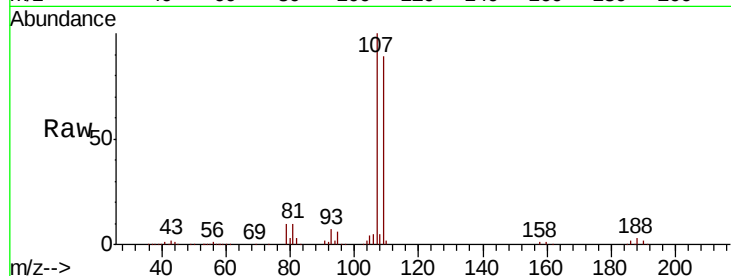
VSTDCCC050

Tgt Ion: 107 Resp: 73185

Ion Ratio Lower Upper

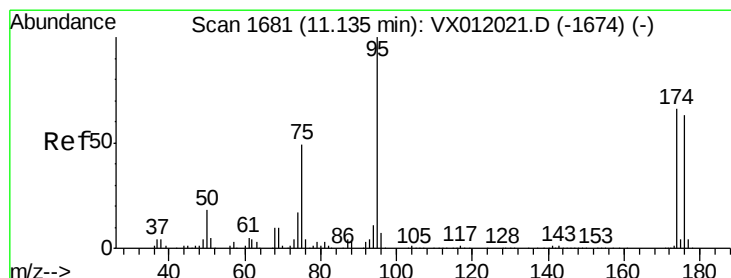
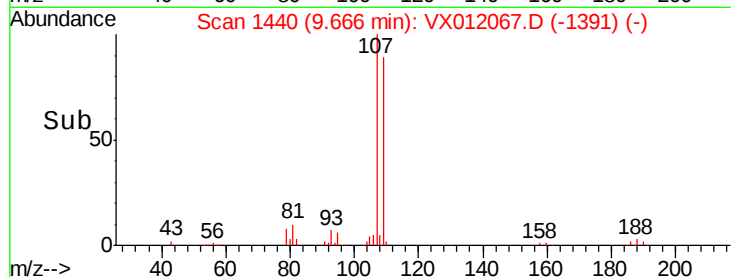
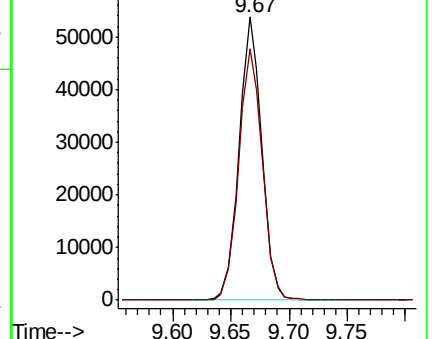
107 100

109 92.4 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.661 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

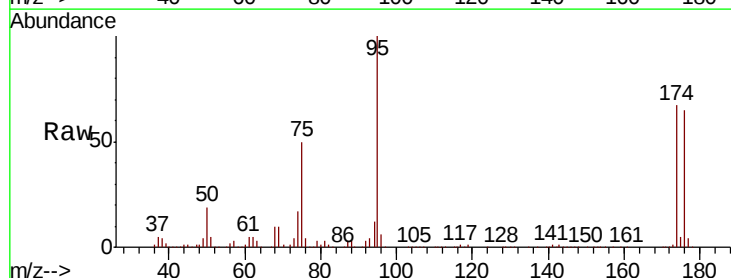
Tgt Ion: 95 Resp: 135565

Ion Ratio Lower Upper

95 100

174 62.7 0.0 205.4

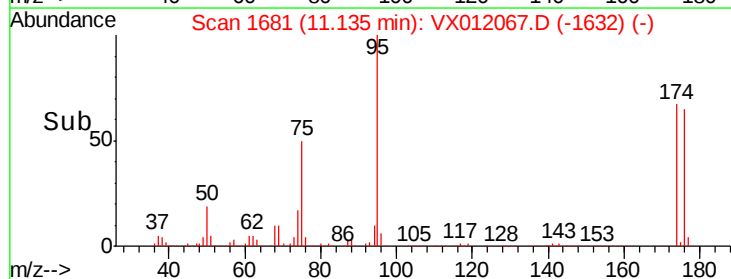
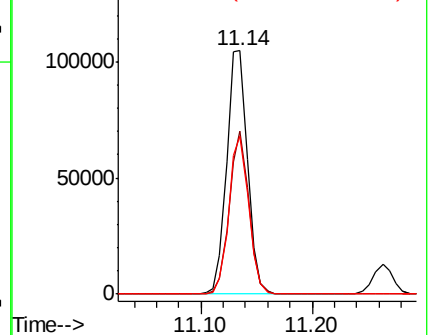
176 61.7 0.0 201.8

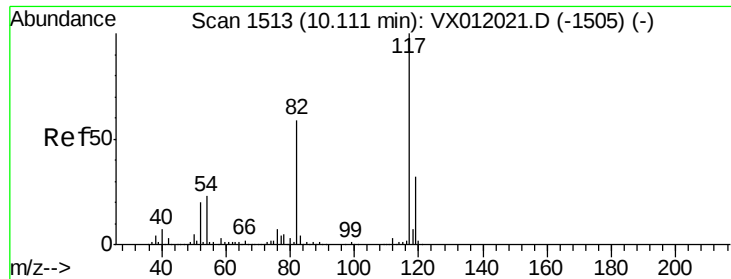


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

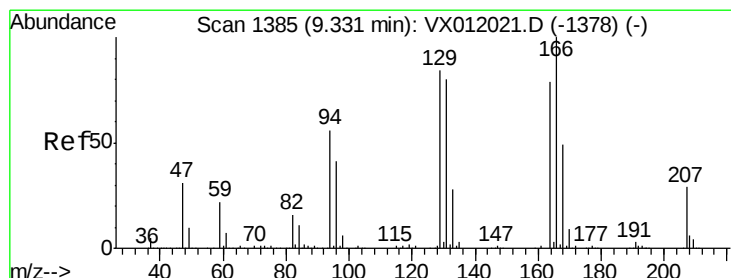
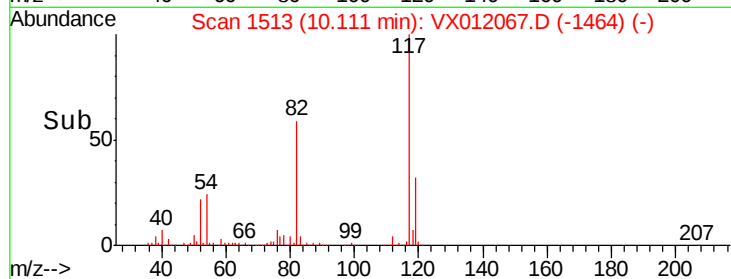
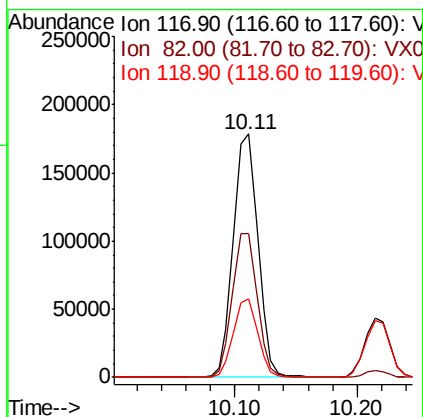
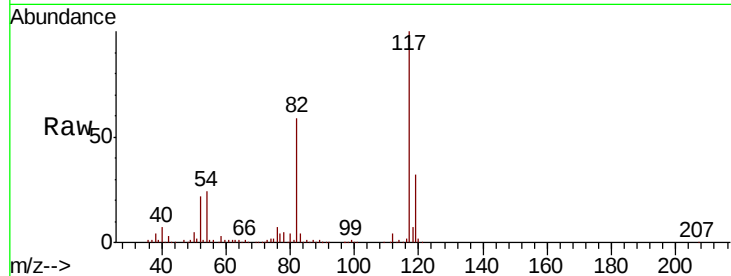




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

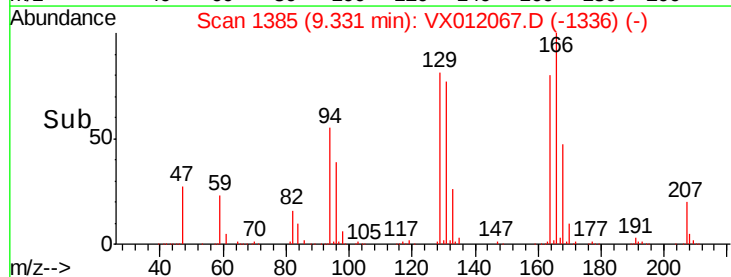
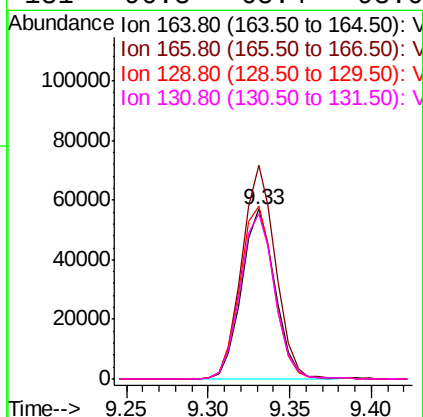
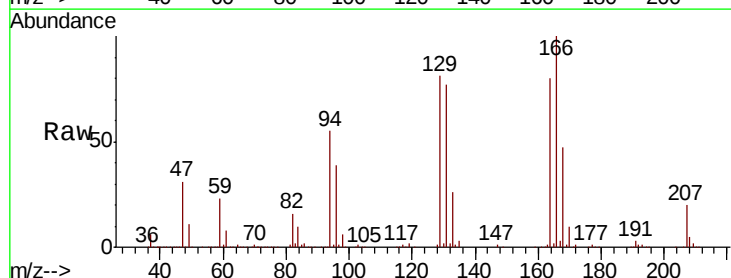
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

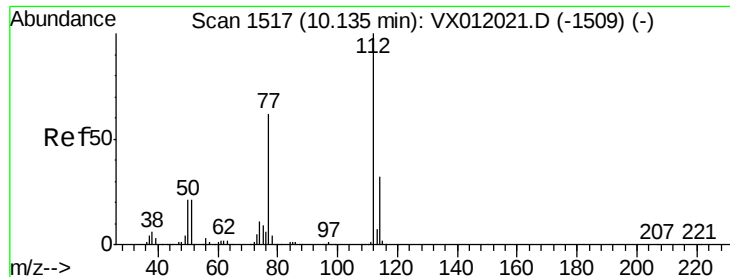
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.8	39.4	59.0
119	32.3	26.1	39.1



#64
Tetrachloroethene
Concen: 52.254 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	104.3	156.5
129	101.3	68.3	102.5
131	96.8	65.4	98.0





#65

Chlorobenzene

Concen: 49.533 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

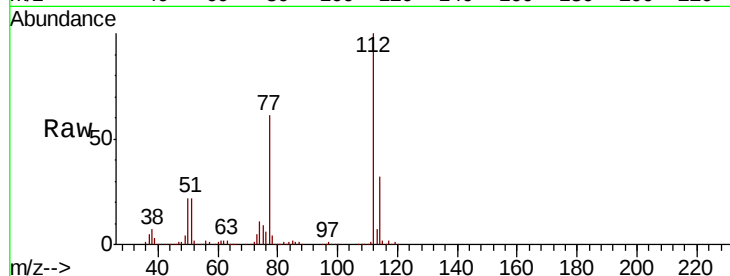
VSTDCCC050

Tgt Ion:112 Resp: 243696

Ion Ratio Lower Upper

112 100

114 31.6 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

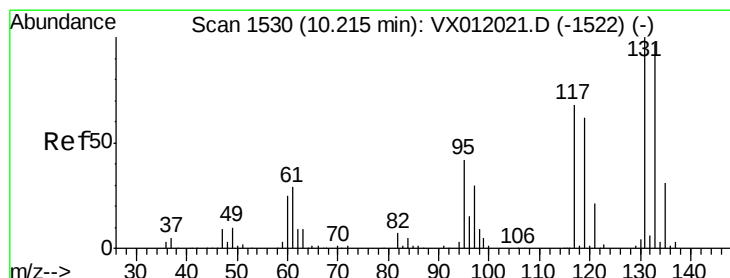
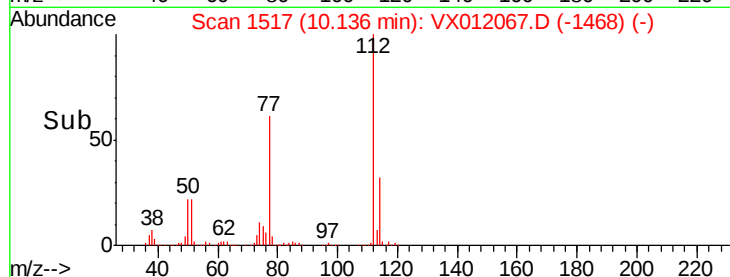
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.875 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

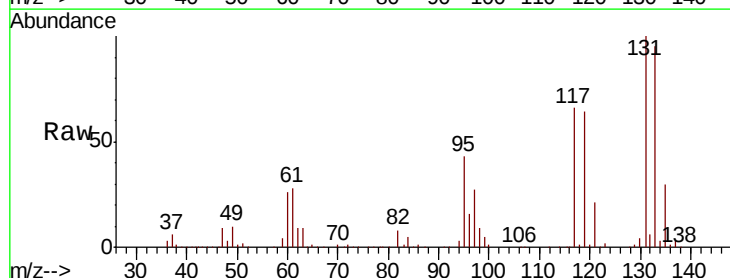
Tgt Ion:131 Resp: 91521

Ion Ratio Lower Upper

131 100

133 94.7 48.4 145.0

119 64.2 30.5 91.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

80000

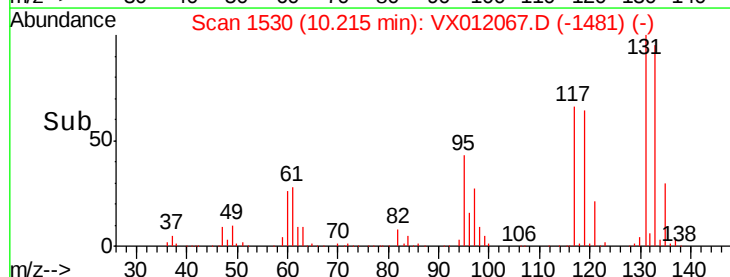
60000

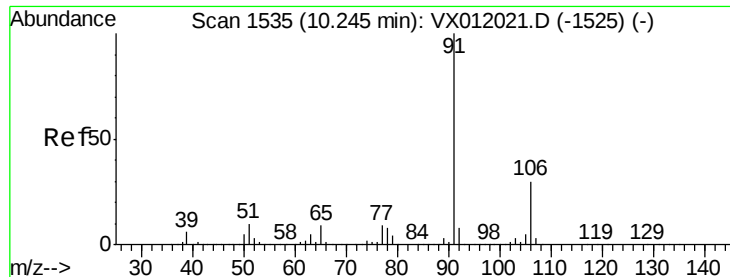
40000

20000

0

Time-->

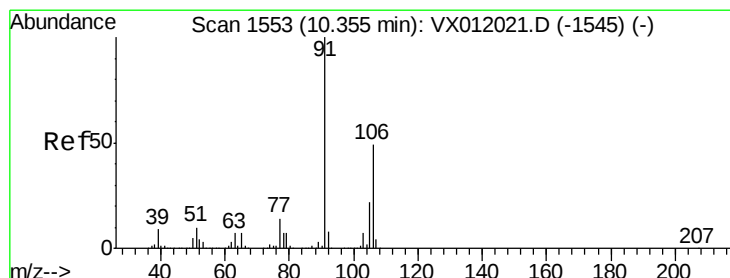
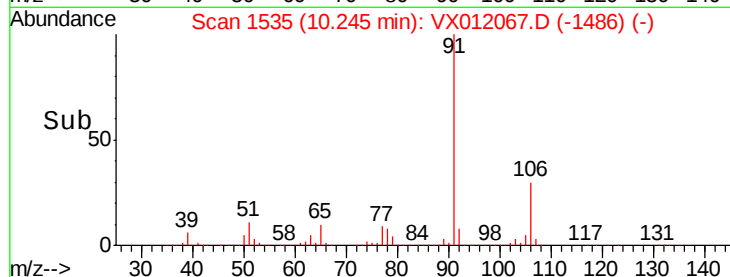
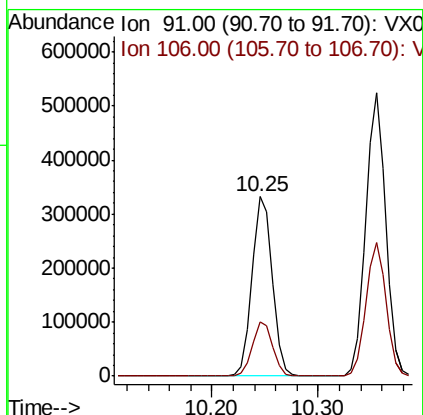
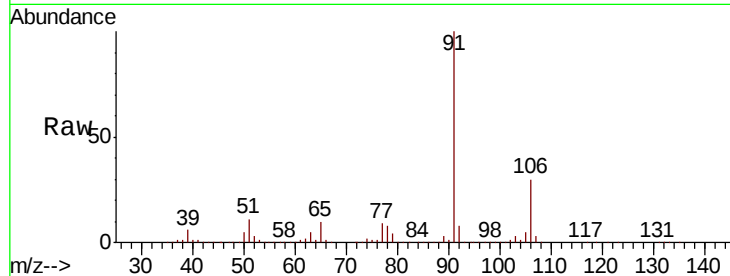




#67
Ethyl Benzene
Concen: 49.741 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

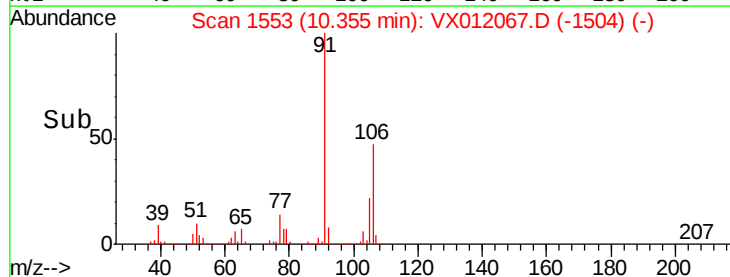
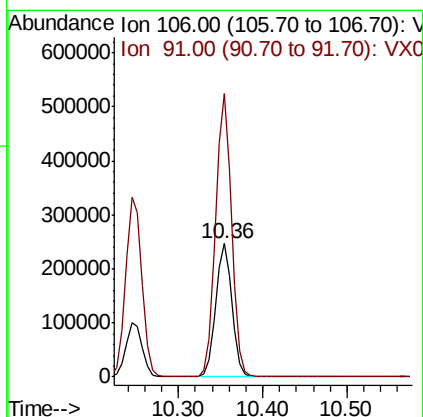
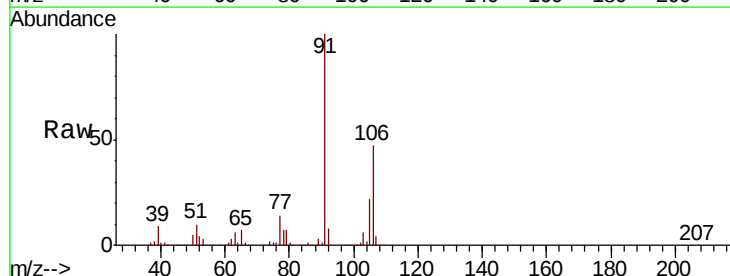
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 446081
Ion Ratio Lower Upper
91 100
106 30.4 25.8 38.8



#68
m/p-Xylenes
Concen: 99.160 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion: 106 Resp: 327641
Ion Ratio Lower Upper
106 100
91 210.7 157.5 236.3

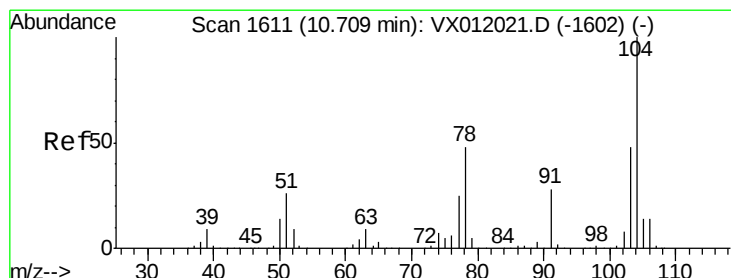
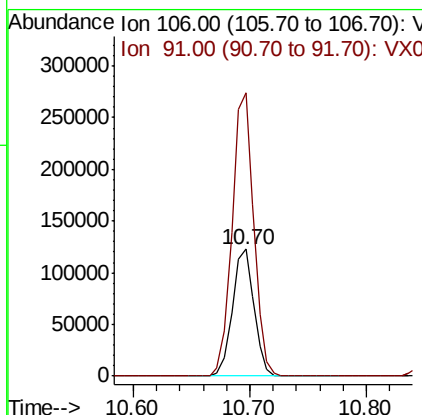
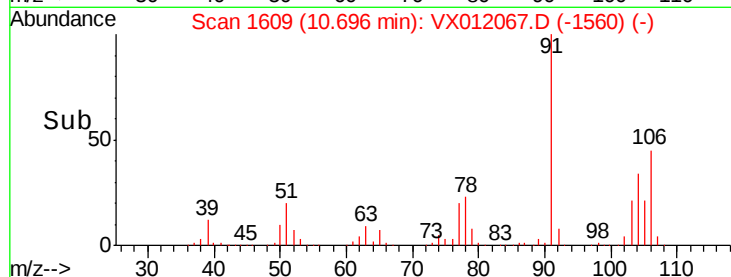
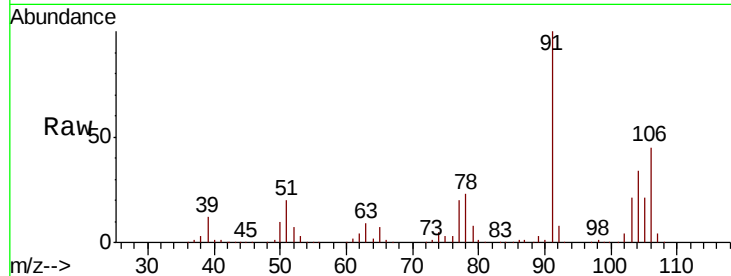




#69
o-Xylene
Concen: 49.615 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

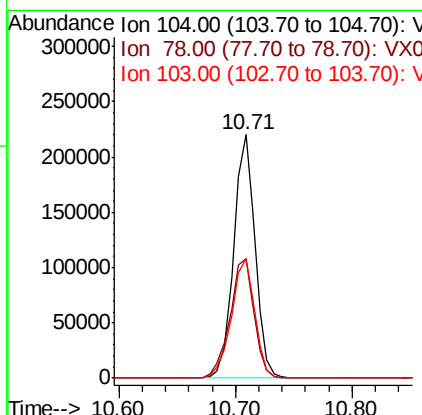
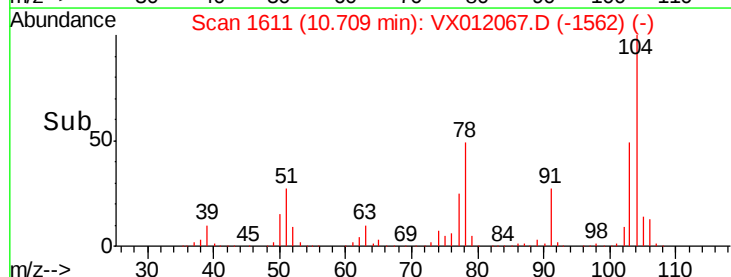
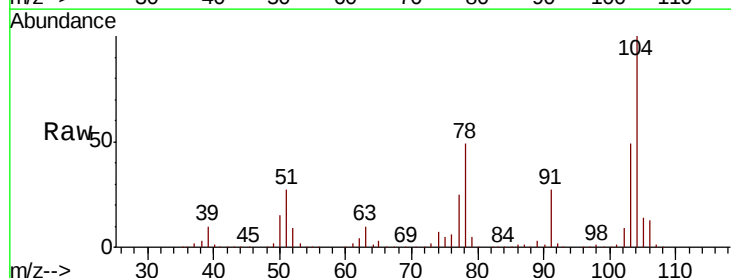
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

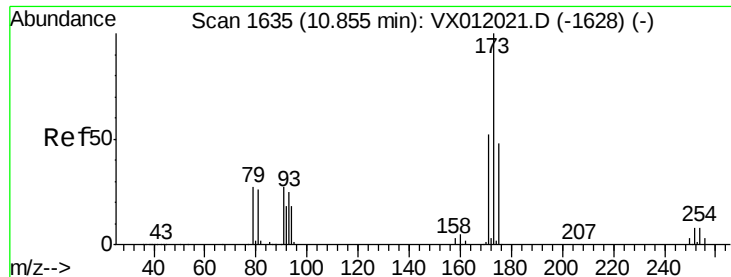
Tgt Ion:106 Resp: 158966
Ion Ratio Lower Upper
106 100
91 222.9 103.5 310.3



#70
Styrene
Concen: 50.603 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion:104 Resp: 281613
Ion Ratio Lower Upper
104 100
78 55.4 39.1 58.7
103 53.6 43.4 65.2





#71

Bromoform

Concen: 49.792 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

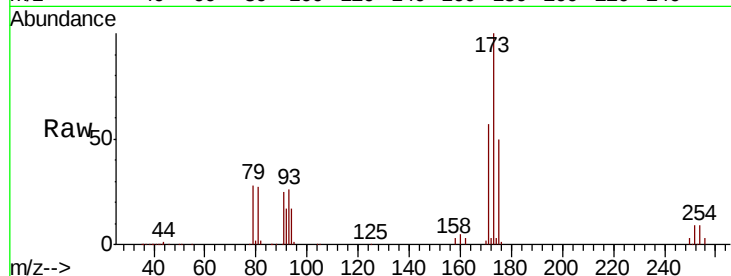
Tgt Ion:173 Resp: 49198

Ion Ratio Lower Upper

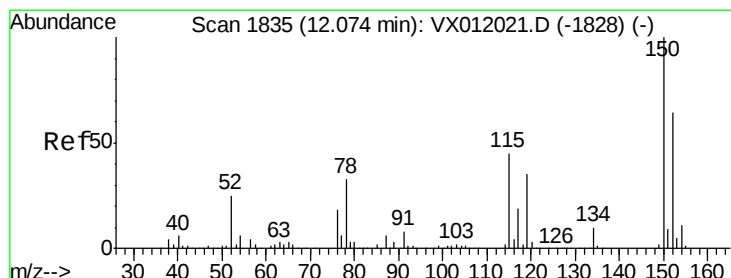
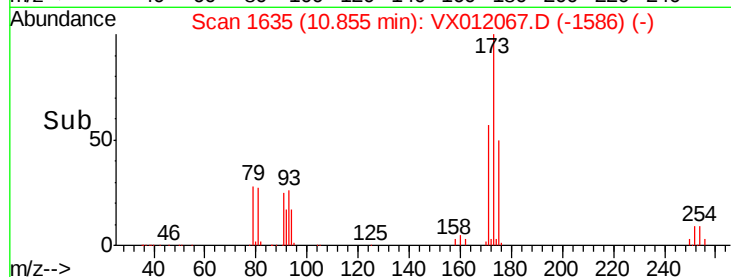
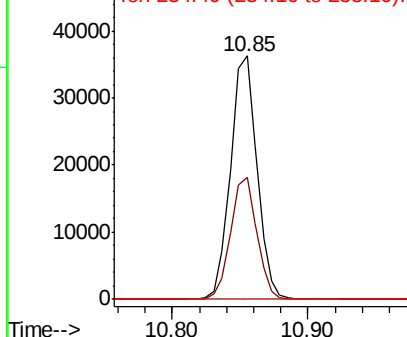
173 100

175 49.6 24.9 74.7

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

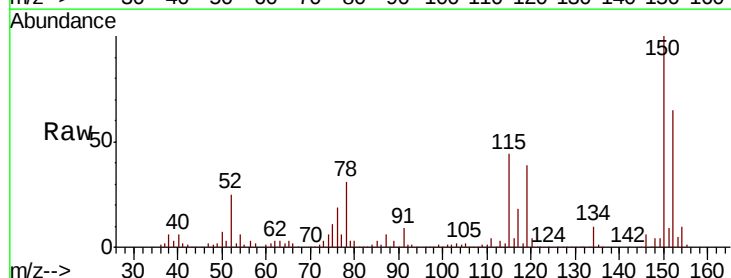
Tgt Ion:152 Resp: 119917

Ion Ratio Lower Upper

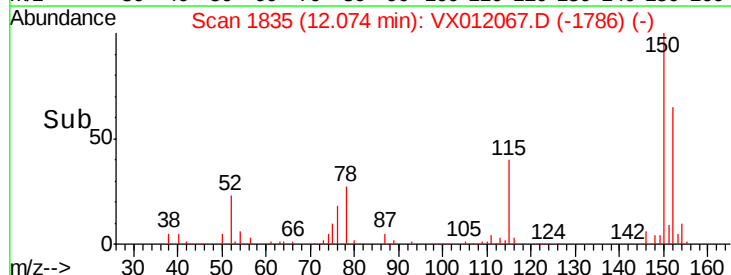
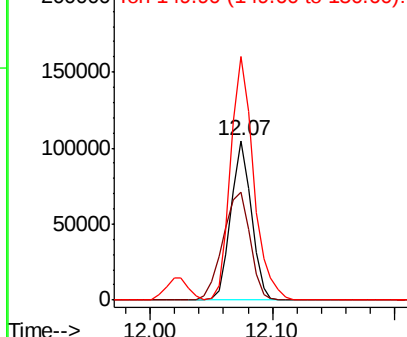
152 100

115 91.0 36.4 109.3

150 172.8 0.0 341.2



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





#73

Isopropylbenzene

Concen: 48.417 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

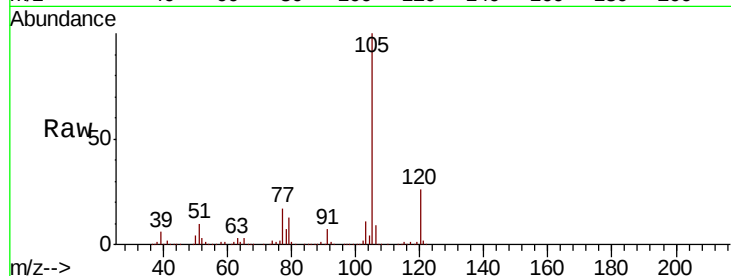
VSTDCCC050

Tgt Ion: 105 Resp: 425994

Ion Ratio Lower Upper

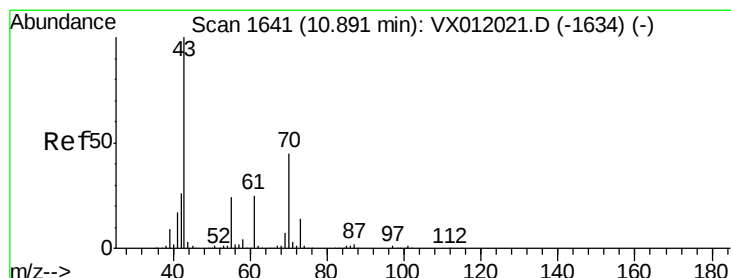
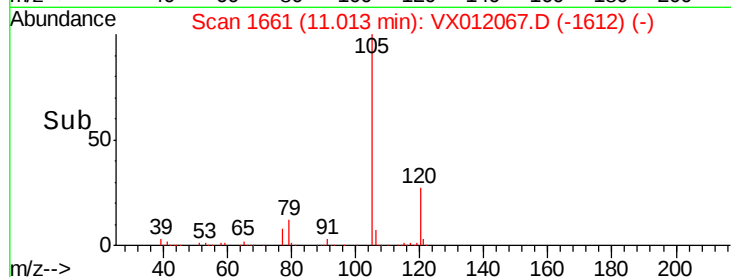
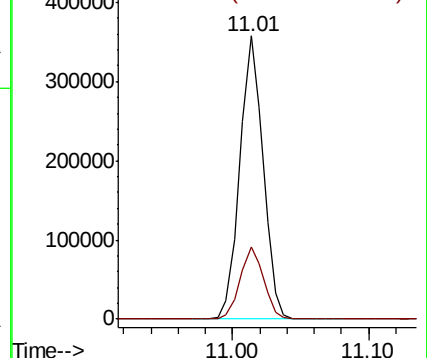
105 100

120 25.7 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.033 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Tgt Ion: 43 Resp: 130156

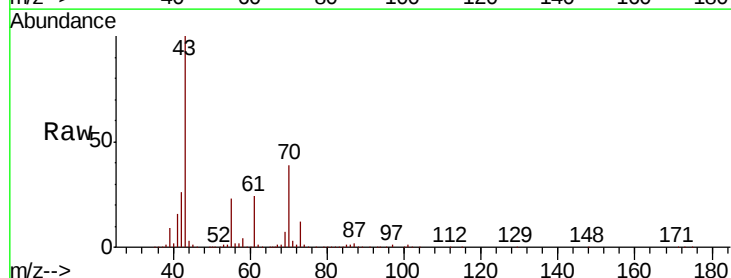
Ion Ratio Lower Upper

43 100

70 40.9 34.4 51.6

55 23.2 18.5 27.7

61 24.0 19.5 29.3

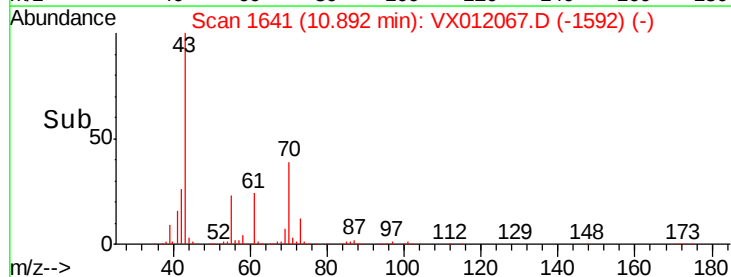
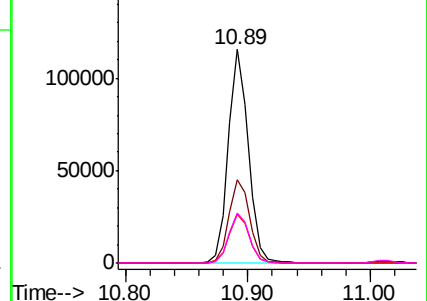


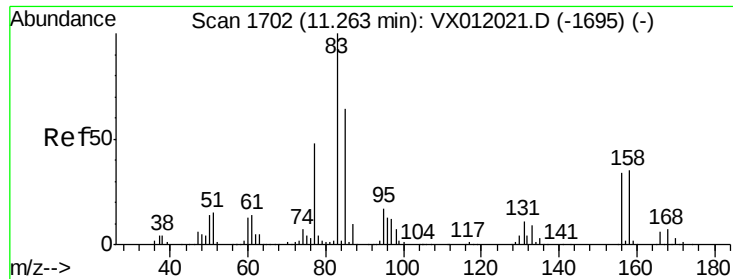
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.034 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

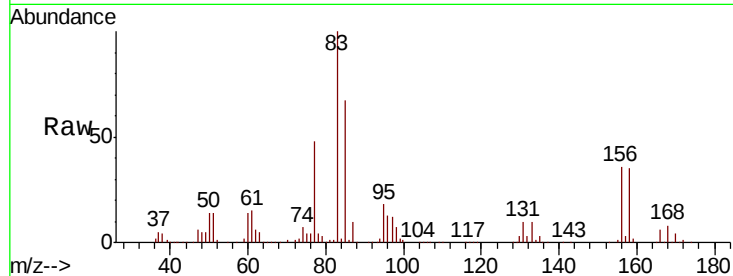
Tgt Ion: 83 Resp: 88106

Ion Ratio Lower Upper

83 100

131 11.2 6.3 19.1

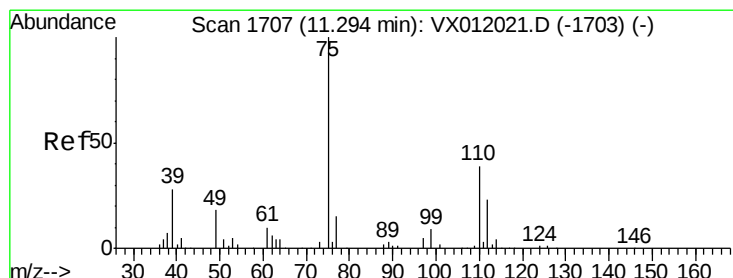
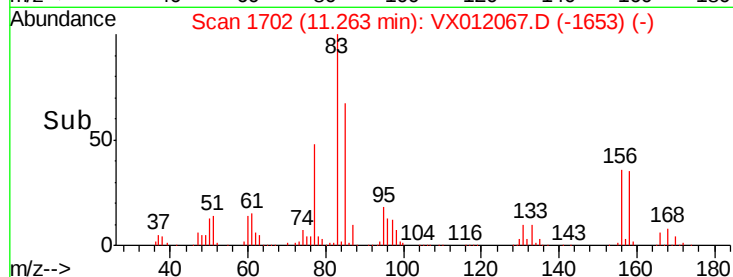
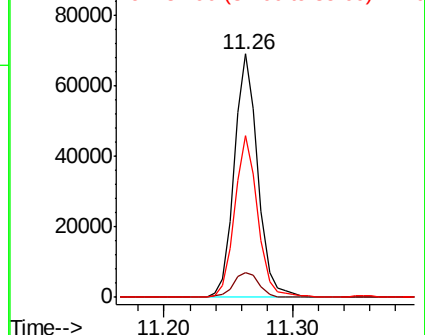
85 65.4 32.5 97.4



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: 67.636 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012067.D

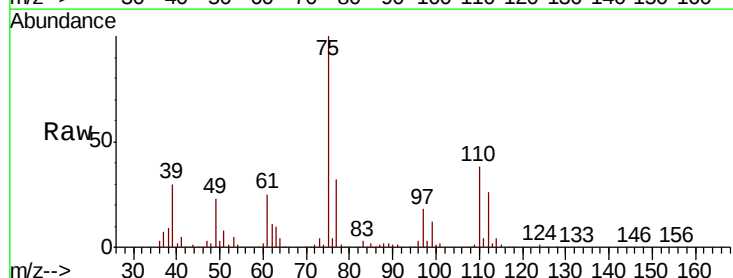
Acq: 04 Sep 2019 22:43

Tgt Ion: 75 Resp: 99101

Ion Ratio Lower Upper

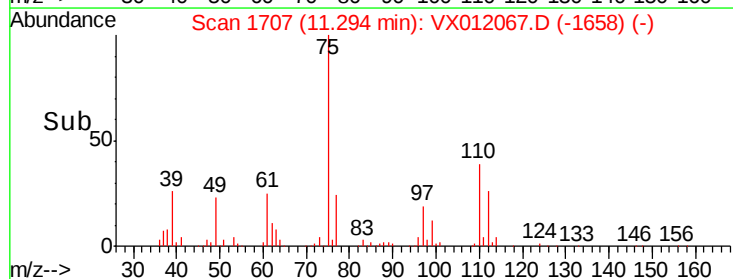
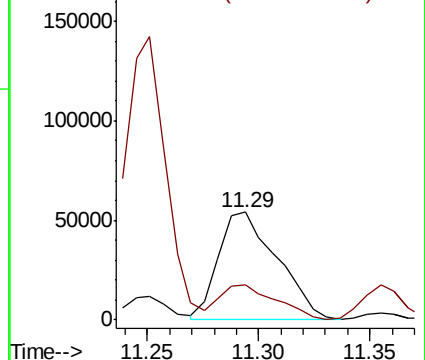
75 100

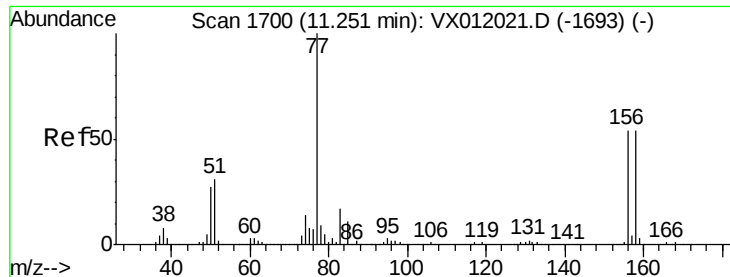
77 31.2 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.561 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

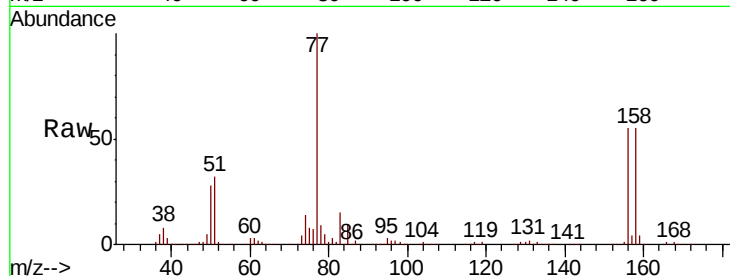
Tgt Ion:156 Resp: 99493

Ion Ratio Lower Upper

156 100

77 184.7 63.4 190.2

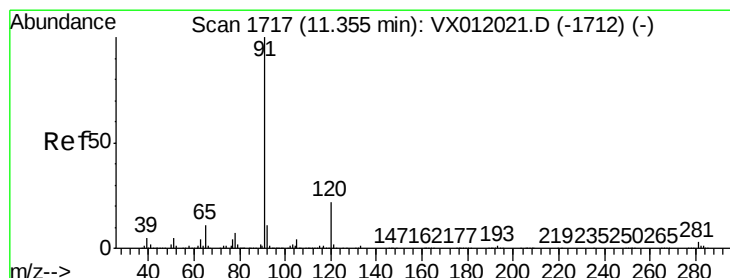
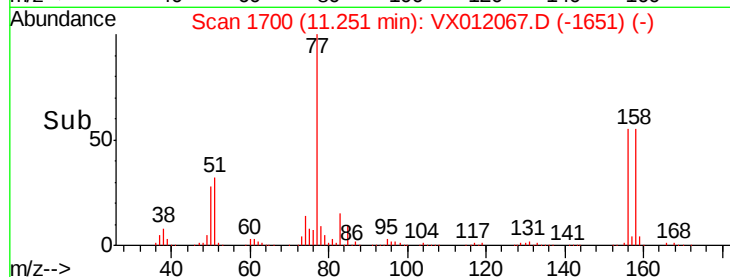
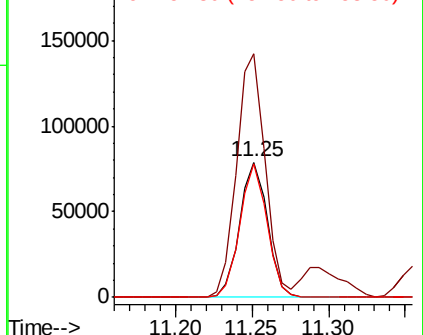
158 96.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.226 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012067.D

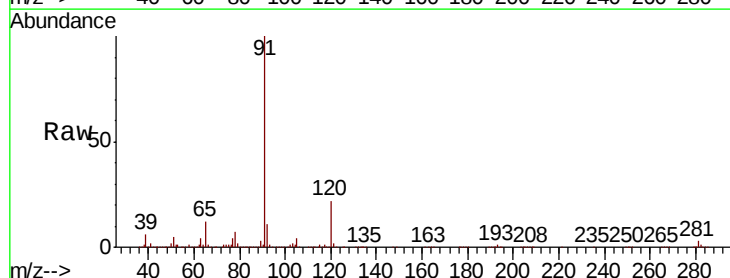
Acq: 04 Sep 2019 22:43

Tgt Ion: 91 Resp: 501997

Ion Ratio Lower Upper

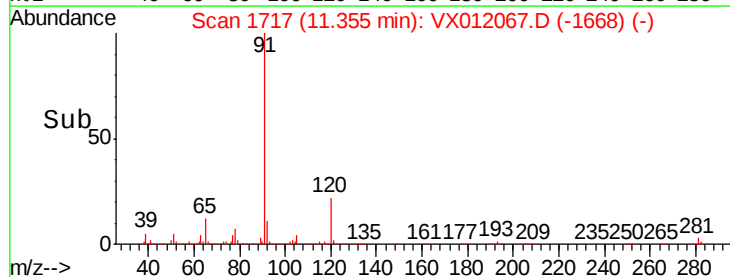
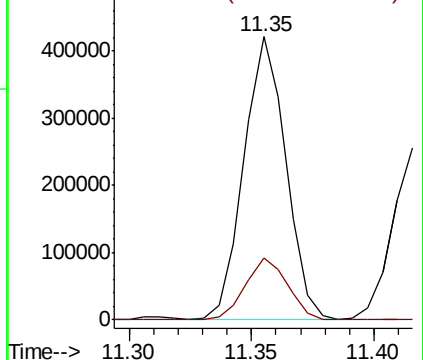
91 100

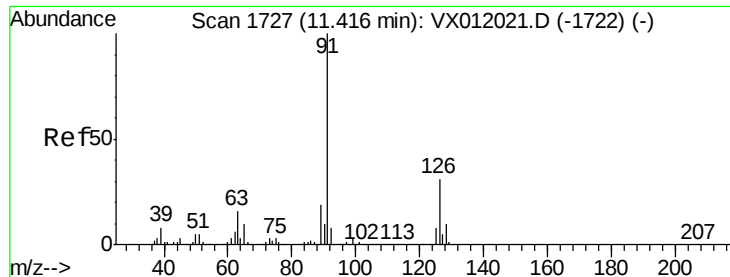
120 22.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.531 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

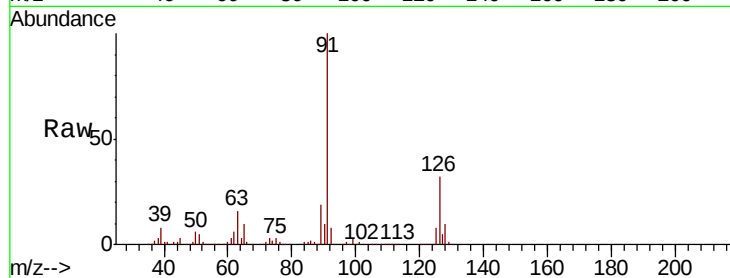
VSTDCCC050

Tgt Ion: 91 Resp: 312526

Ion Ratio Lower Upper

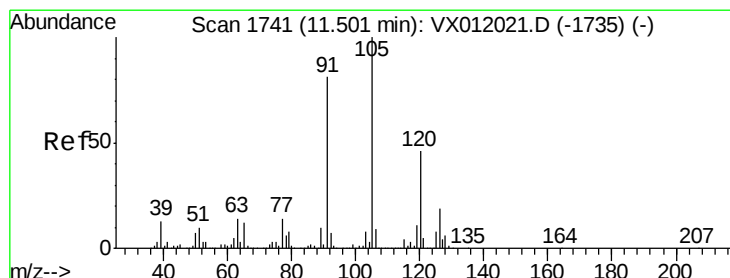
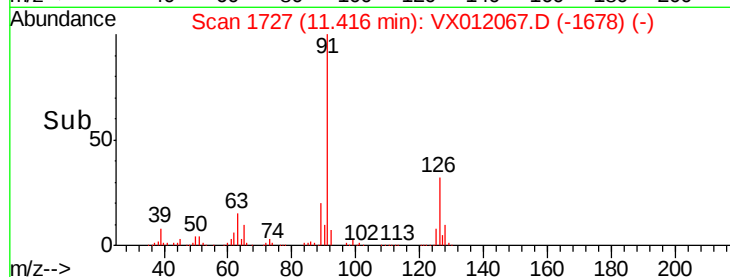
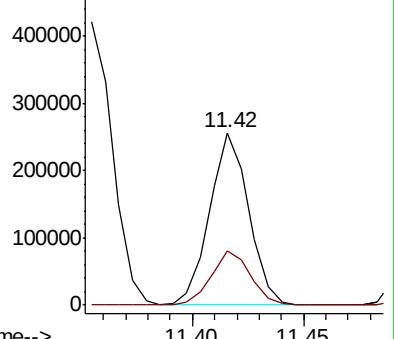
91 100

126 32.0 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.514 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012067.D

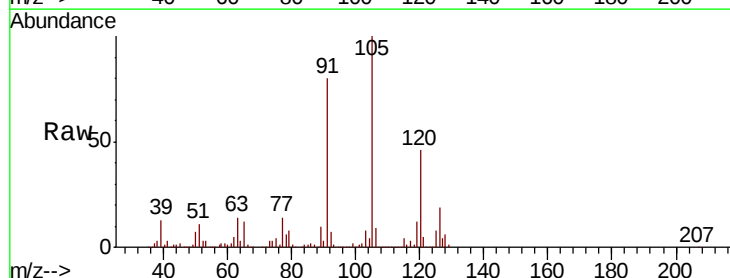
Acq: 04 Sep 2019 22:43

Tgt Ion: 105 Resp: 374064

Ion Ratio Lower Upper

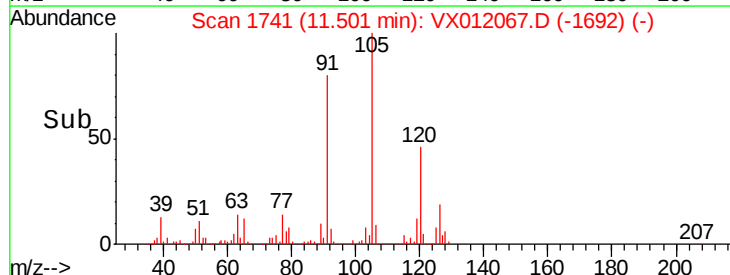
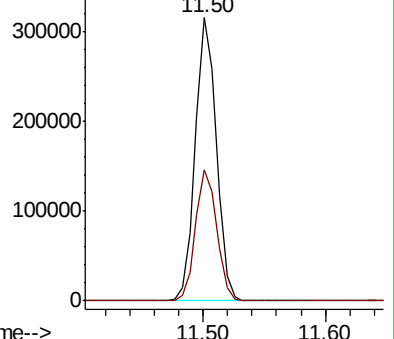
105 100

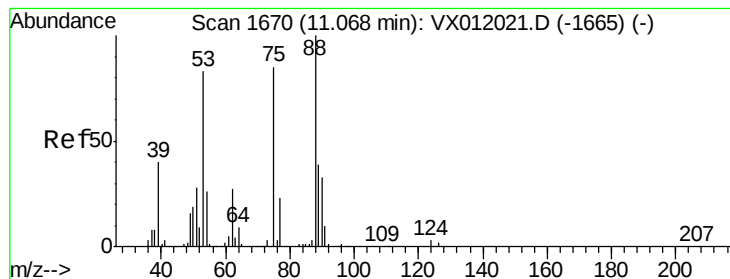
120 46.7 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.927 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

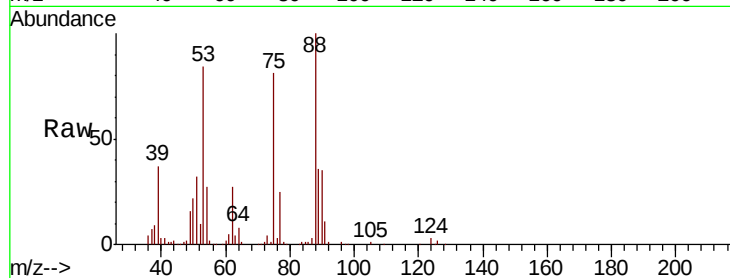
Tgt Ion: 75 Resp: 27224

Ion Ratio Lower Upper

75 100

53 106.5 78.6 117.8

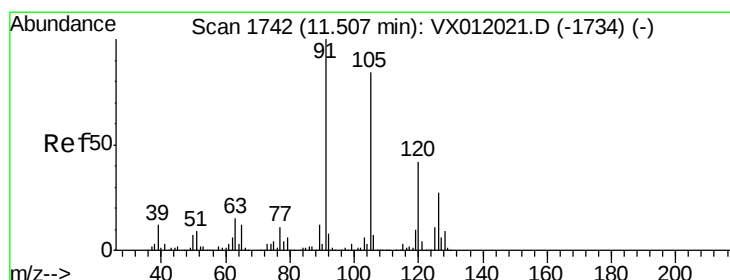
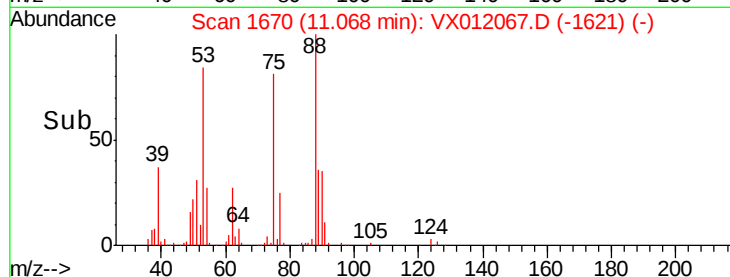
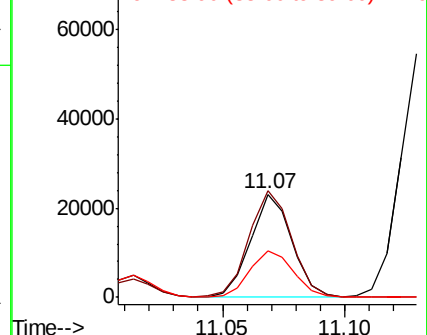
89 48.6 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.298 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012067.D

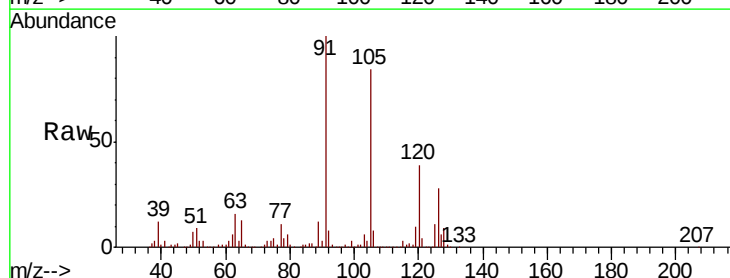
Acq: 04 Sep 2019 22:43

Tgt Ion: 91 Resp: 378390

Ion Ratio Lower Upper

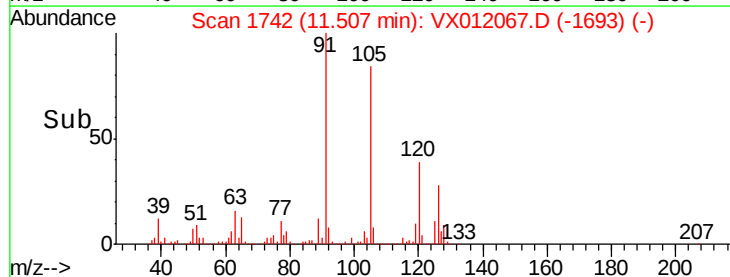
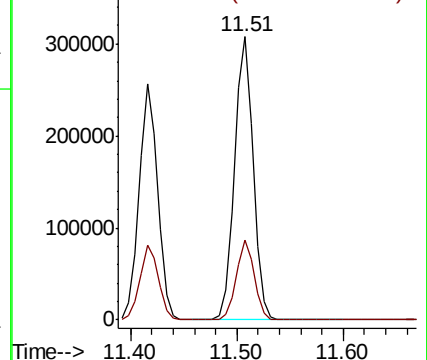
91 100

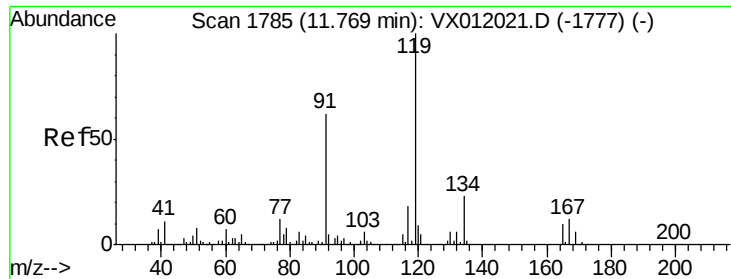
126 27.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

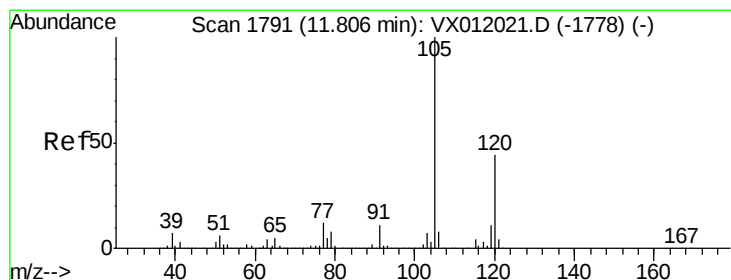
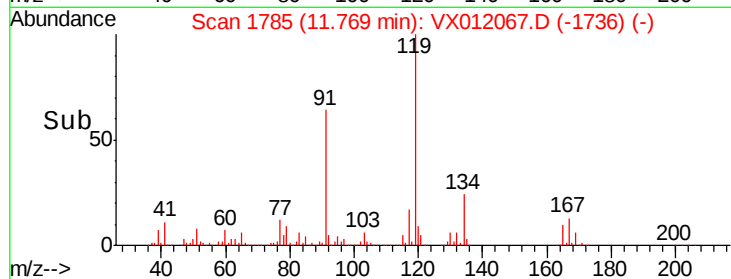
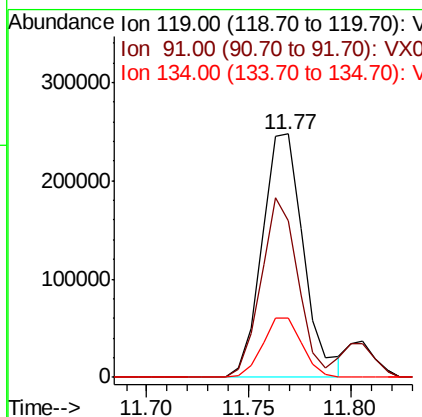
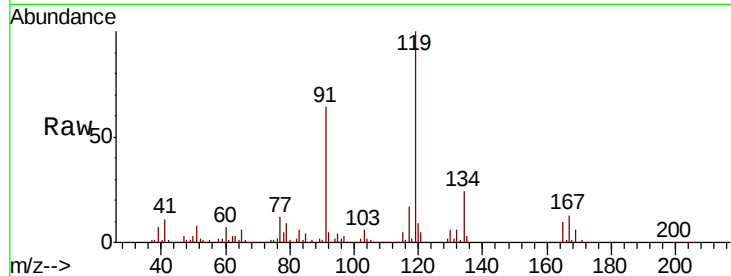




#83
 tert-Butylbenzene
 Concen: 47.754 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

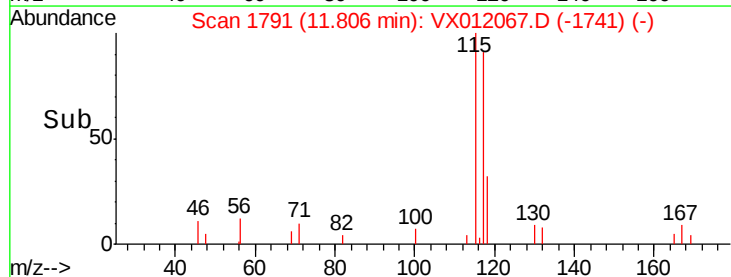
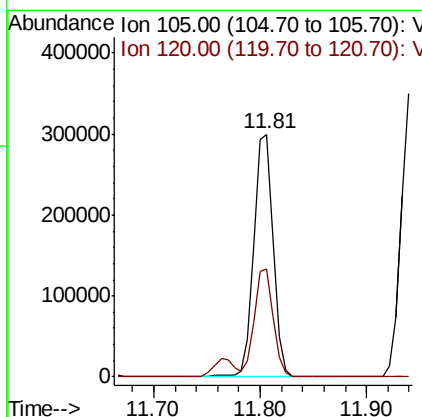
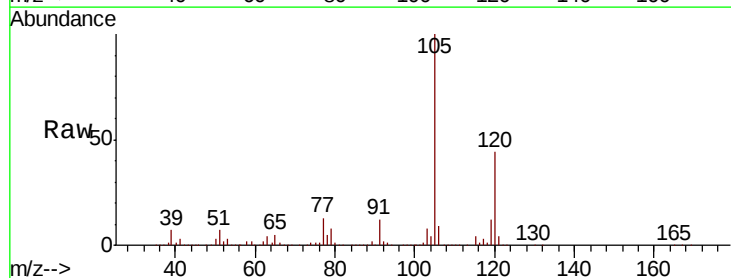
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

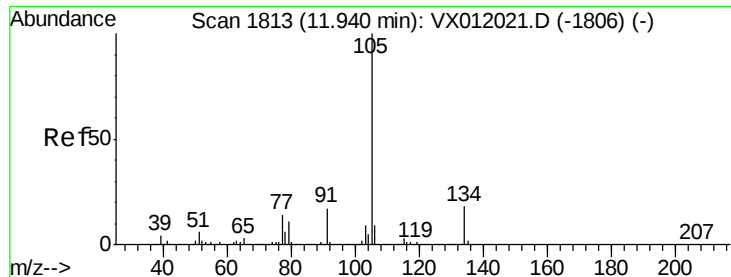
Tgt Ion:119 Resp: 350949
 Ion Ratio Lower Upper
 119 100
 91 65.6 27.1 81.2
 134 23.3 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 48.547 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion:105 Resp: 384716
 Ion Ratio Lower Upper
 105 100
 120 43.4 23.6 70.8





#85

sec-Butylbenzene

Concen: 46.839 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

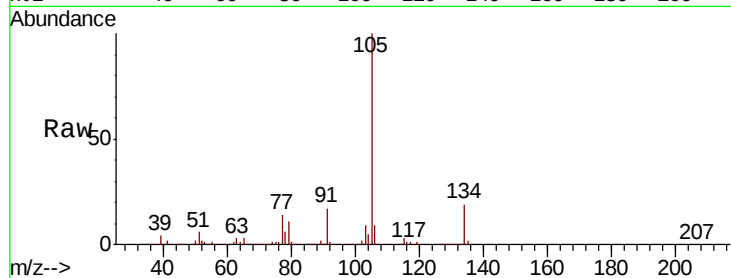
VSTDCCC050

Tgt Ion:105 Resp: 427547

Ion Ratio Lower Upper

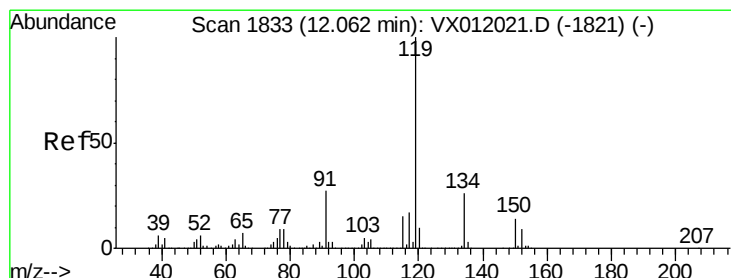
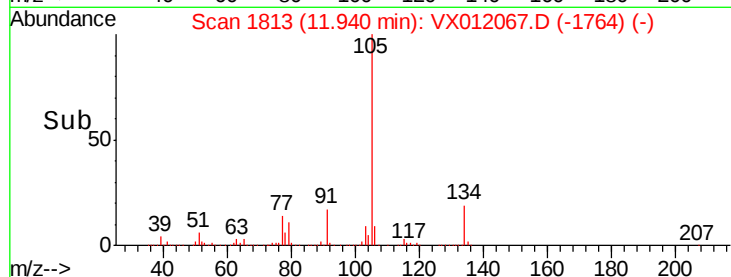
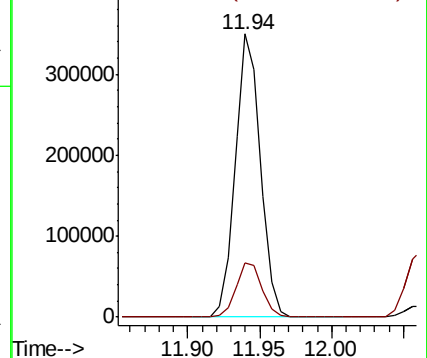
105 100

134 19.7 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.986 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

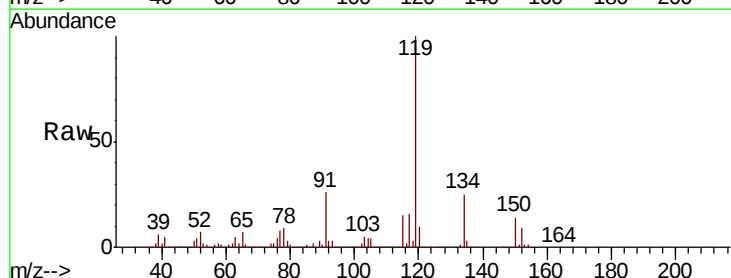
Tgt Ion:119 Resp: 398352

Ion Ratio Lower Upper

119 100

134 24.7 13.7 41.1

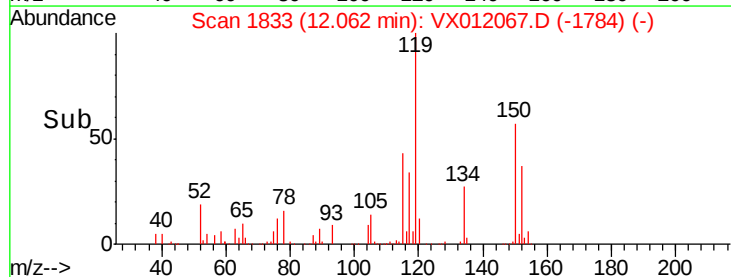
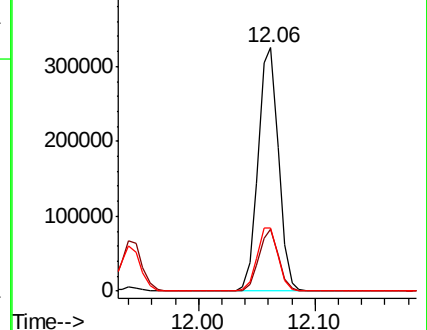
91 26.7 11.4 34.1

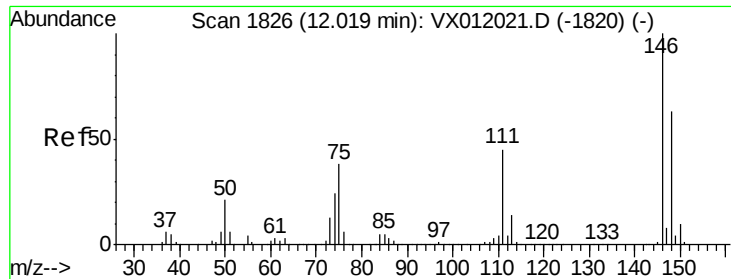


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

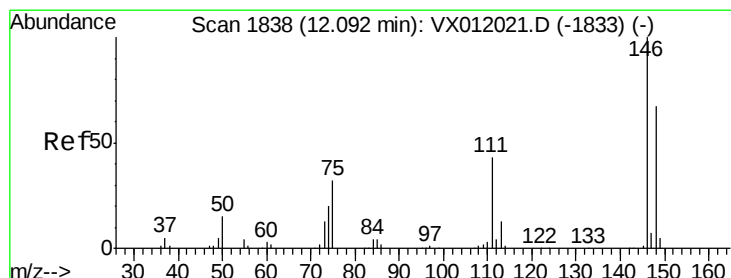
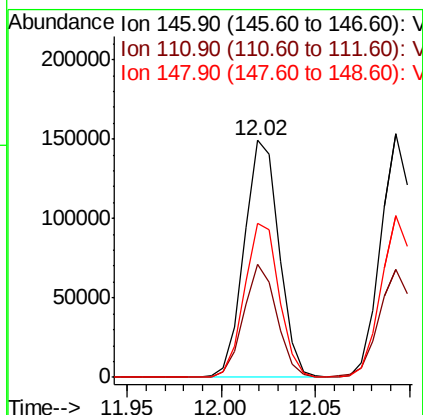
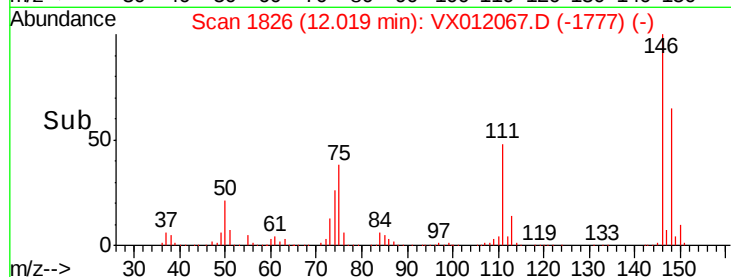
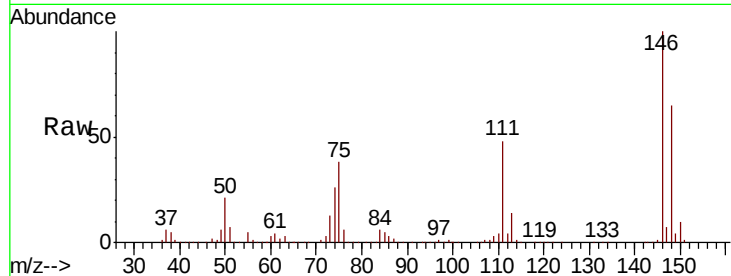




#87
 1,3-Dichlorobenzene
 Concen: 48.488 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

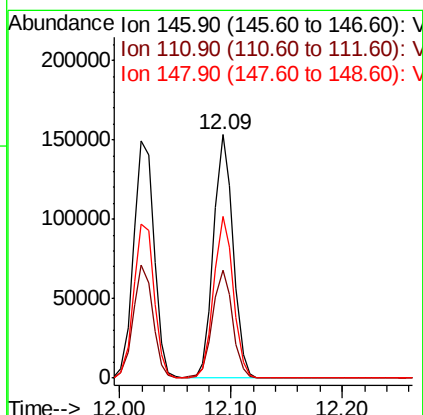
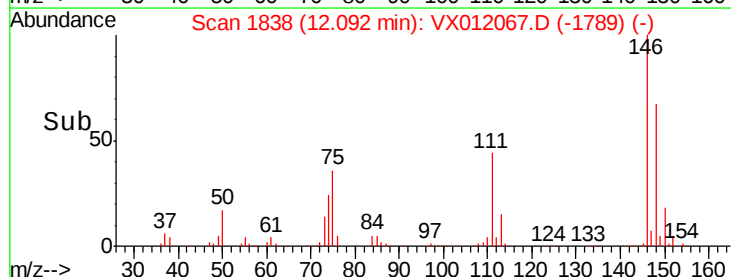
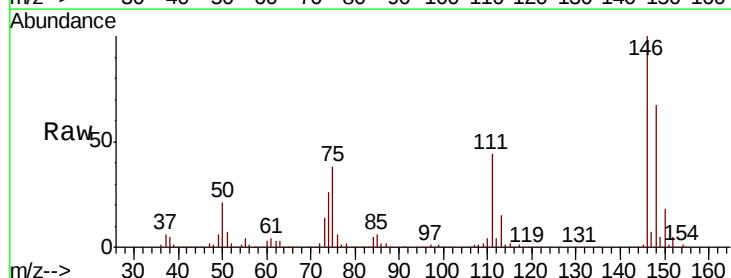
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

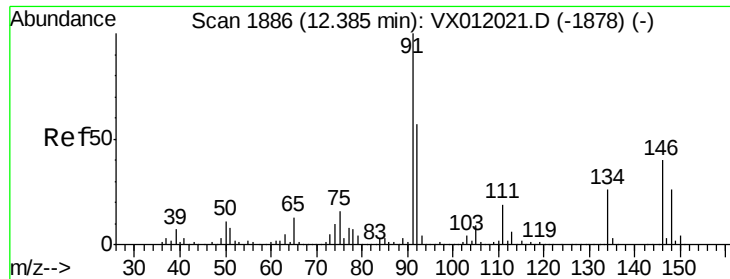
Tgt Ion:146 Resp: 191193
 Ion Ratio Lower Upper
 146 100
 111 45.4 18.1 54.1
 148 64.8 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 47.416 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion:146 Resp: 186945
 Ion Ratio Lower Upper
 146 100
 111 45.2 17.7 53.1
 148 66.4 32.4 97.0





#89

n-Butylbenzene

Concen: 47.564 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012067.D

Acq: 04 Sep 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

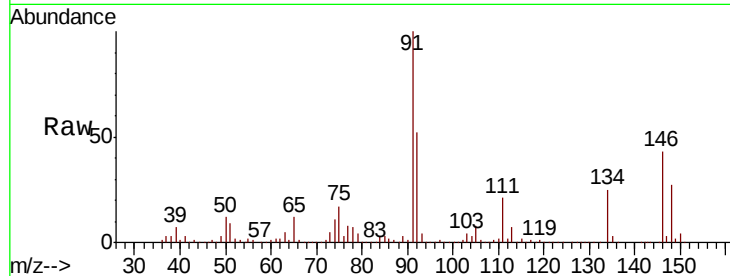
Tgt Ion: 91 Resp: 383560

Ion Ratio Lower Upper

91 100

92 53.3 27.6 82.8

134 24.6 15.4 46.1

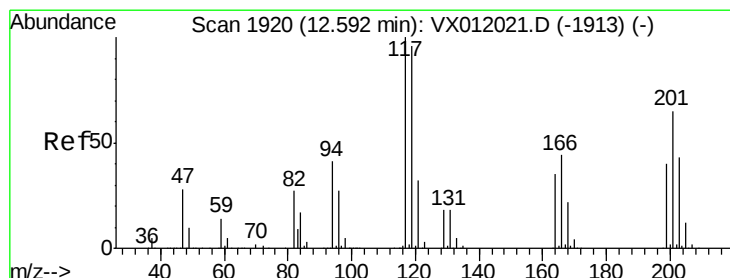
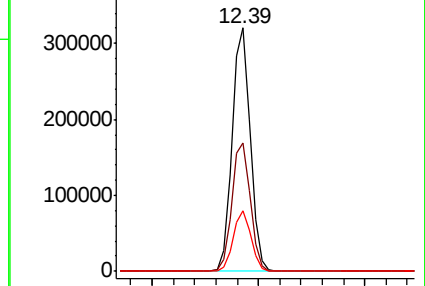
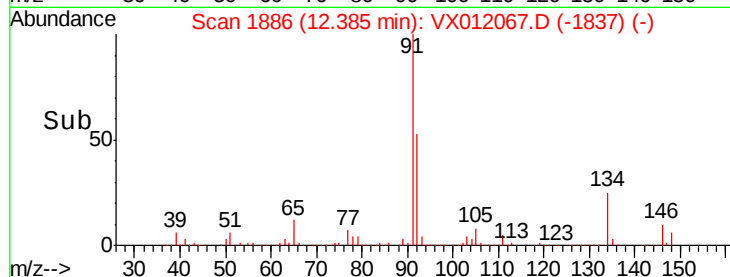


Abundance Ion 91.00 (90.70 to 91.70): VX012021.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012021.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012021.D (-1878) (-)

Time--> 12.30 12.40 12.50



#90

Hexachloroethane

Concen: 46.973 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012067.D

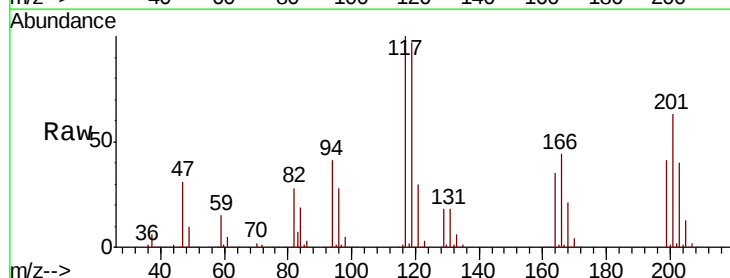
Acq: 04 Sep 2019 22:43

Tgt Ion: 117 Resp: 77859

Ion Ratio Lower Upper

117 100

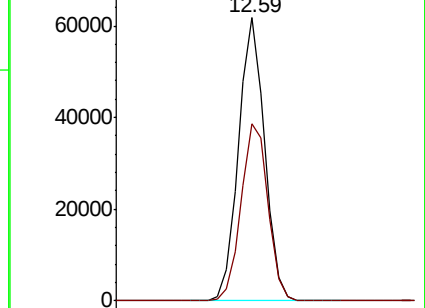
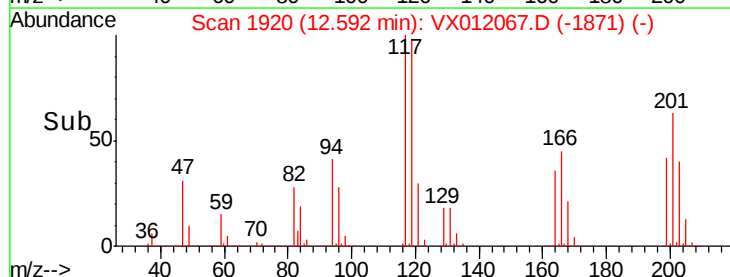
201 64.4 55.0 165.2

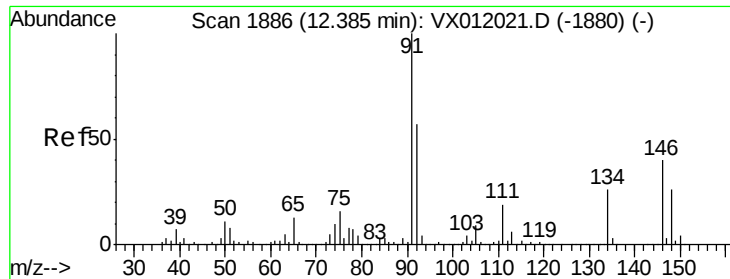


Abundance Ion 116.80 (116.50 to 117.50): VX012021.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012021.D (-1913) (-)

Time--> 12.50 12.55 12.60 12.65

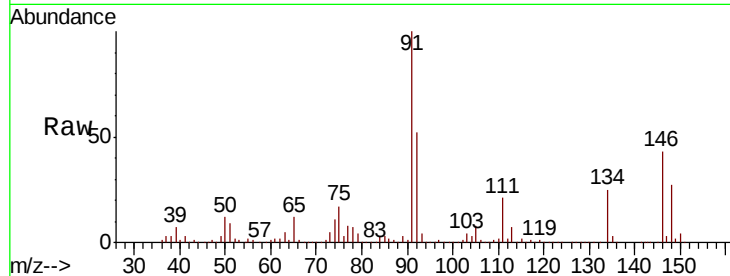




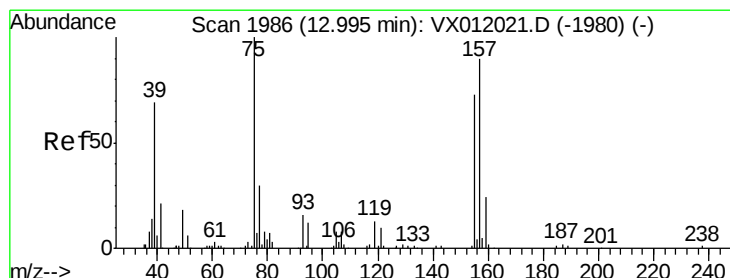
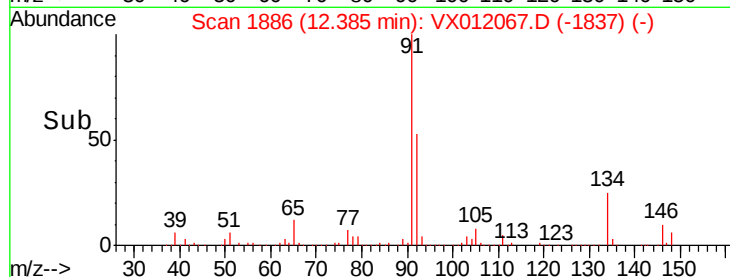
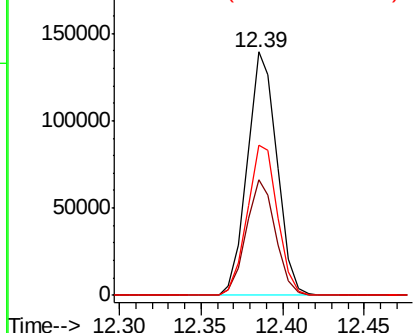
#91
 1,2-Dichlorobenzene
 Concen: 49.730 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 176603
 Ion Ratio Lower Upper
 146 100
 111 47.1 18.6 56.0
 148 63.2 32.4 97.2

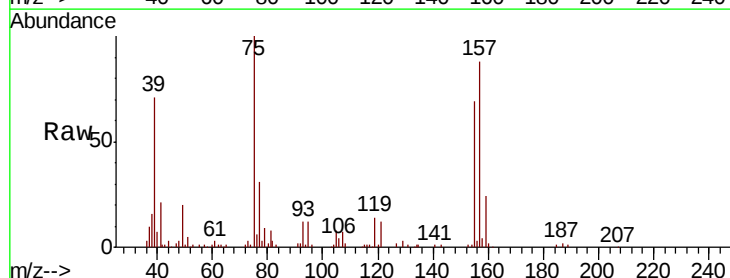


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

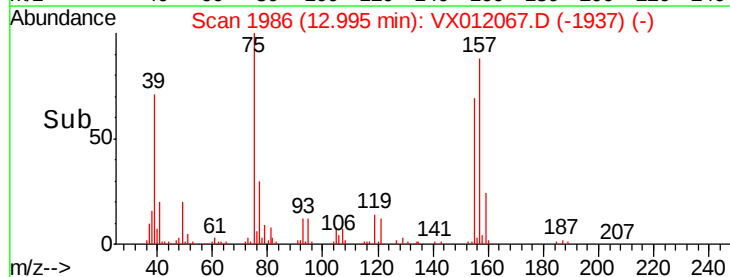
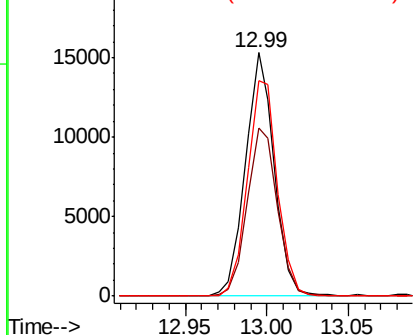


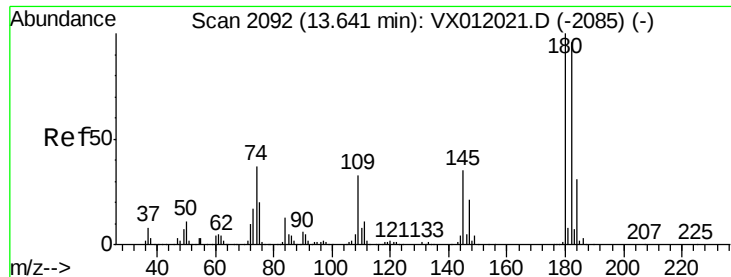
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.130 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion: 75 Resp: 18858
 Ion Ratio Lower Upper
 75 100
 155 72.4 51.7 155.2
 157 91.9 66.9 200.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

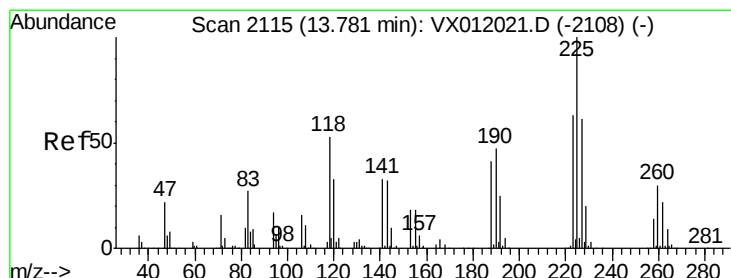
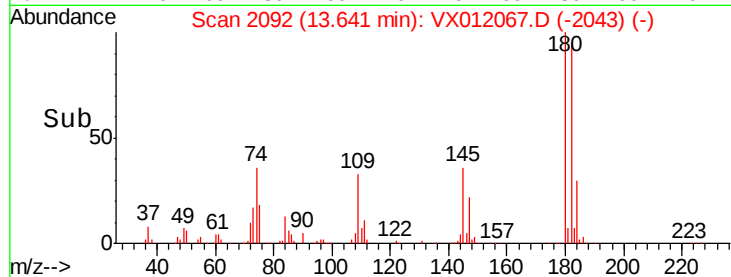
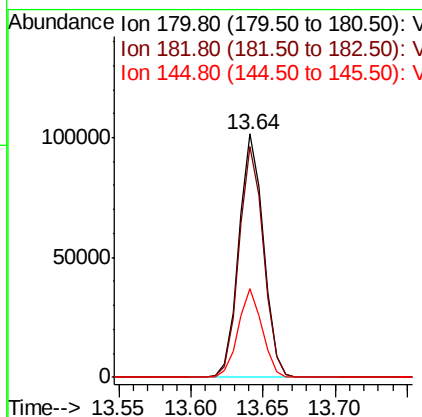
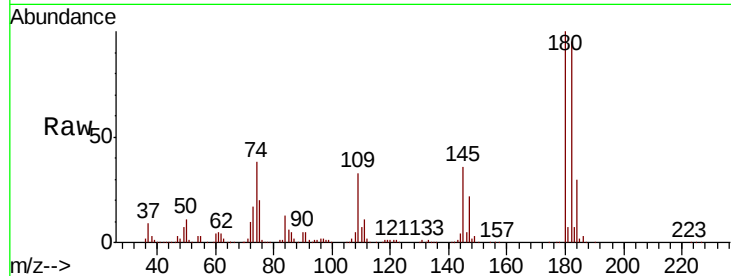




#93
 1,2,4-Trichlorobenzene
 Concen: 47.633 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

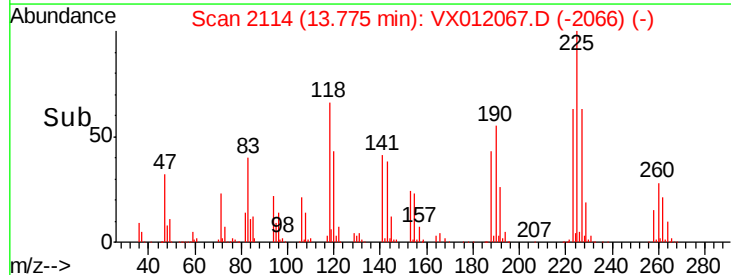
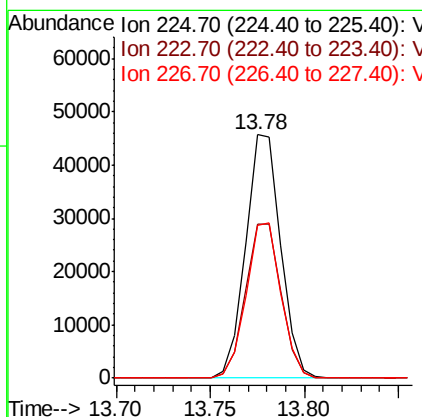
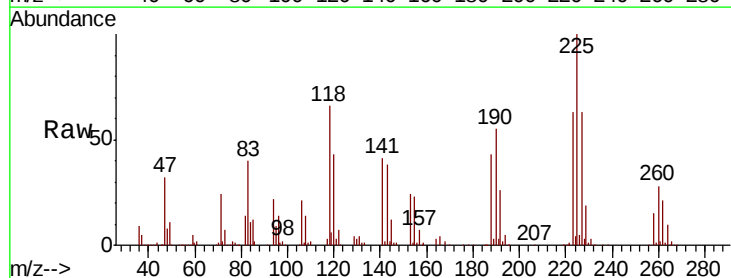
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

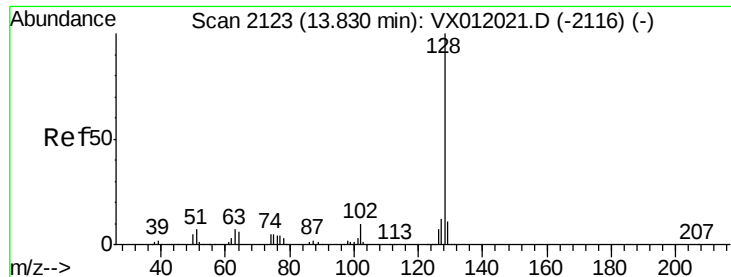
Tgt Ion:180 Resp: 120398
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 142.0
 145 35.5 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 46.265 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012067.D
 Acq: 04 Sep 2019 22:43

Tgt Ion:225 Resp: 58948
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.6 95.0
 227 63.1 32.5 97.5

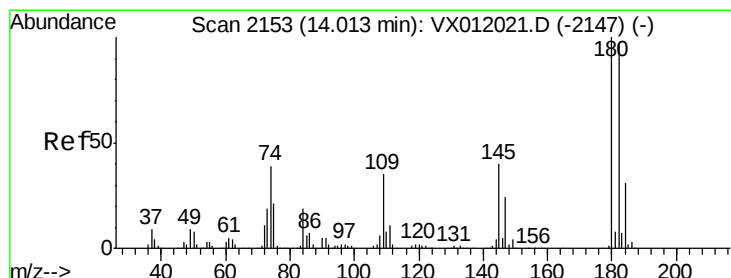
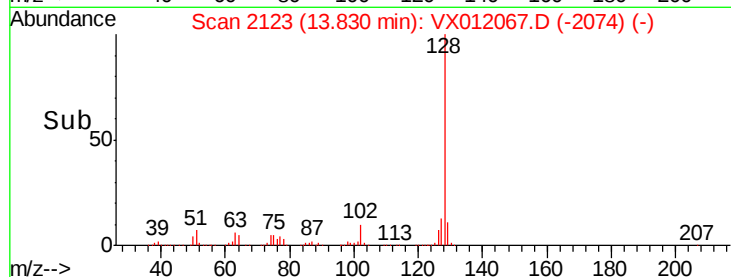
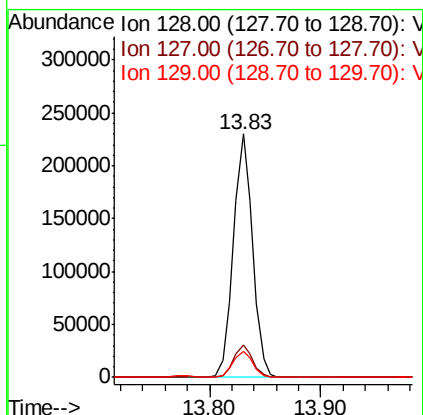
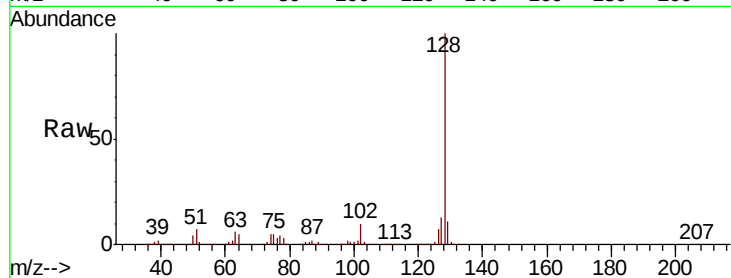




#95
Naphthalene
Concen: 49.876 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 272850
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.293 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012067.D
Acq: 04 Sep 2019 22:43

Tgt Ion:180 Resp: 107392
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 37.6 14.1 42.4

