

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012929.D
 Acq On : 09 Oct 2019 09:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 01:25:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	187258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	111790	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.48	113	90253	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.71	98	343800	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.14	95	134668	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	103012	53.968	ug/l	97
3) Chloromethane	1.32	50	102705	49.441	ug/l	97
4) Vinyl Chloride	1.40	62	108452	50.581	ug/l	100
5) Bromomethane	1.63	94	39961	44.835	ug/l	100
6) Chloroethane	1.71	64	65137	49.736	ug/l	99
7) Trichlorofluoromethane	1.92	101	151986	52.519	ug/l	99
8) Diethyl Ether	2.18	74	60195	51.532	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100611	53.718	ug/l	98
10) Methyl Iodide	2.50	142	99740	47.311	ug/l	99
11) Tert butyl alcohol	3.03	59	127542	205.566	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97684	51.621	ug/l	96
13) Acrolein	2.28	56	90207	204.588	ug/l	100
14) Allyl chloride	2.72	41	171642	50.933	ug/l	99
15) Acrylonitrile	3.13	53	284882	242.291	ug/l	99
16) Acetone	2.43	43	363666	294.784	ug/l	100
17) Carbon Disulfide	2.56	76	263110	48.762	ug/l	99
18) Methyl Acetate	2.76	43	135842	46.456	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	339609	51.968	ug/l	100
20) Methylene Chloride	2.84	84	109723	48.395	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106153	52.337	ug/l	94
22) Diisopropyl ether	3.84	45	337821	52.314	ug/l	99
23) Vinyl Acetate	3.80	43	1463912	262.604	ug/l	100
24) 1,1-Dichloroethane	3.69	63	188799	51.970	ug/l	98
25) 2-Butanone	4.65	43	449473	262.612	ug/l	100
26) 2,2-Dichloropropane	4.57	77	164123	53.725	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	119299	51.028	ug/l	100
28) Bromochloromethane	5.00	49	55937	51.536	ug/l	98
29) Tetrahydrofuran	5.11	42	250086	237.447	ug/l	99
30) Chloroform	5.20	83	190628	51.140	ug/l	99
31) Cyclohexane	5.57	56	176948	52.090	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	167848	53.143	ug/l	99
36) 1,1-Dichloropropene	5.78	75	144660	53.827	ug/l	99
37) Ethyl Acetate	4.81	43	152126	50.622	ug/l	99
38) Carbon Tetrachloride	5.78	117	142181	54.354	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	186752	57.300	ug/l	100
40) Benzene	6.13	78	429279	54.082	ug/l	100
41) Methacrylonitrile	5.03	41	85932	52.040	ug/l	98
42) 1,2-Dichloroethane	6.18	62	153226	53.797	ug/l	100
43) Isopropyl Acetate	6.43	43	252430	52.336	ug/l	100
44) Trichloroethene	7.20	130	114246	51.904	ug/l	96
45) 1,2-Dichloropropane	7.51	63	108295	53.532	ug/l	100
46) Dibromomethane	7.65	93	73336	54.410	ug/l	98
47) Bromodichloromethane	7.89	83	144633	54.986	ug/l	99
48) Methyl methacrylate	7.76	41	121654	51.758	ug/l	99
49) 1,4-Dioxane	7.73	88	55819	888.990	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	762358	253.509	ug/l	100
52) Toluene	8.78	92	273602	53.879	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	160521	48.949	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	179686	55.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106269	52.880	ug/l	97
56) Ethyl methacrylate	9.17	69	175407	48.789	ug/l	100
57) 1,3-Dichloropropane	9.36	76	182793	52.583	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	399676	270.728	ug/l	100
59) 2-Hexanone	9.48	43	619685	264.718	ug/l	100
60) Dibromochloromethane	9.57	129	110373	49.378	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113047	53.475	ug/l	99
64) Tetrachloroethene	9.33	164	105951	55.888	ug/l	98
65) Chlorobenzene	10.14	112	285054	52.517	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	104470	55.512	ug/l	99
67) Ethyl Benzene	10.25	91	527064	54.667	ug/l	99
68) m/p-Xylenes	10.35	106	397379	110.327	ug/l	100
69) o-Xylene	10.70	106	191102	54.407	ug/l	100
70) Styrene	10.71	104	331830	55.572	ug/l	99
71) Bromoform	10.85	173	75354	47.189	ug/l #	100
73) Isopropylbenzene	11.01	105	519331	54.280	ug/l	99
74) N-amyl acetate	10.89	43	219733	53.326	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162490	51.062	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	191598	66.381	ug/l	76
77) Bromobenzene	11.25	156	117322	52.037	ug/l	95
78) n-propylbenzene	11.35	91	584690	55.537	ug/l	98
79) 2-Chlorotoluene	11.42	91	346834	52.419	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	432138	54.091	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53324	47.710	ug/l	99
82) 4-Chlorotoluene	11.51	91	405955	53.529	ug/l	99
83) tert-Butylbenzene	11.76	119	411835	52.845	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	442753	54.721	ug/l	99
85) sec-Butylbenzene	11.94	105	492229	54.518	ug/l	100
86) p-Isopropyltoluene	12.06	119	467361	55.813	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	217110	51.856	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	221534	52.245	ug/l	99
89) n-Butylbenzene	12.39	91	407836	57.950	ug/l	100
90) Hexachloroethane	12.59	117	76683	49.467	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	215434	52.486	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38598	51.750	ug/l	94

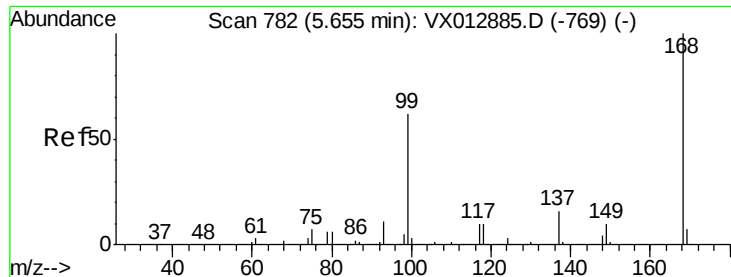
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	138325	53.798	ug/l	98
94) Hexachlorobutadiene	13.78	225	64329	54.212	ug/l	99
95) Naphthalene	13.83	128	474252	53.208	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136385	51.329	ug/l	97

(#) = 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. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

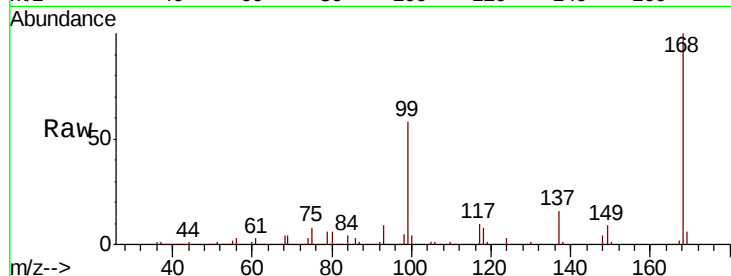
VSTDCCC050

Tot Ion:168 Resp: 187258

Ion Ratio Lower Upper

168 100

99 58.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

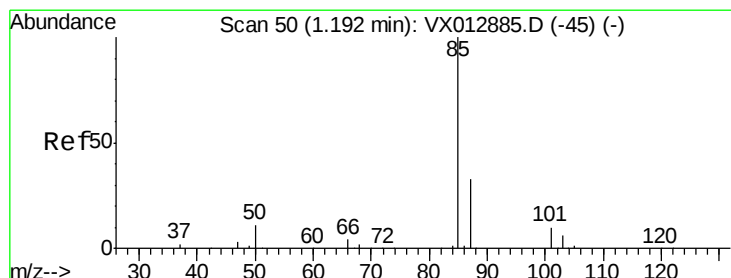
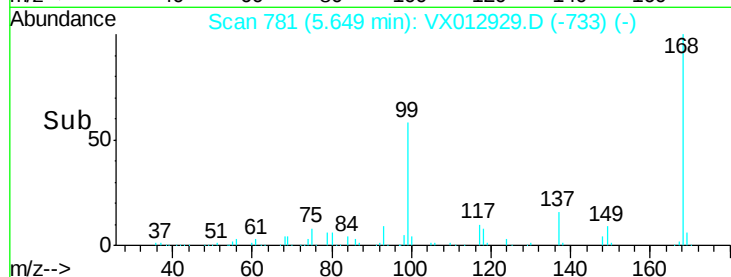
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.968 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012929.D

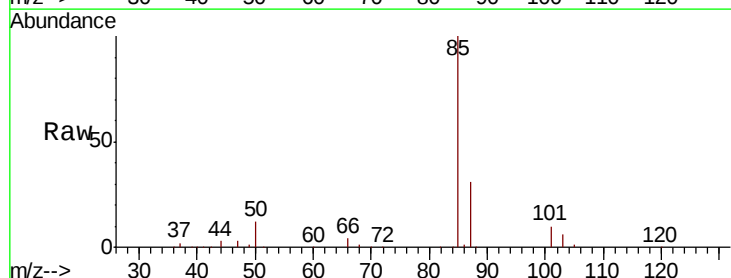
Acq: 09 Oct 2019 09:33

Tgt Ion: 85 Resp: 103012

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

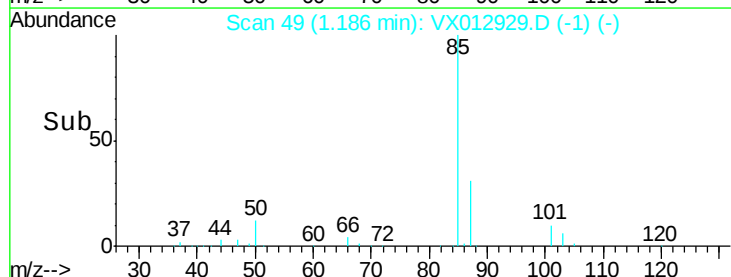
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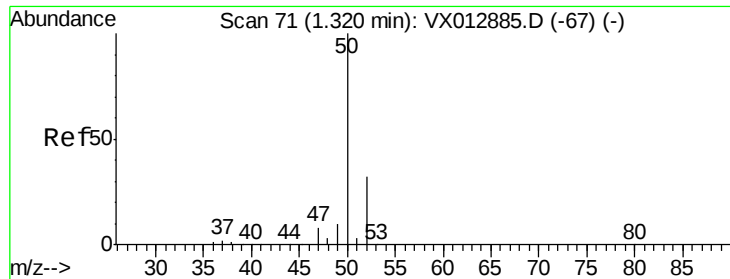
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.441 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

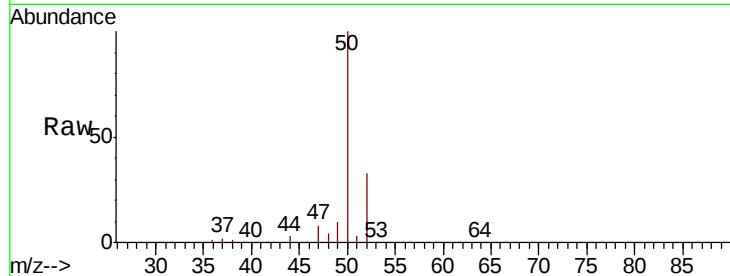
VSTDCCC050

Tot Ion: 50 Resp: 102705

Ion Ratio Lower Upper

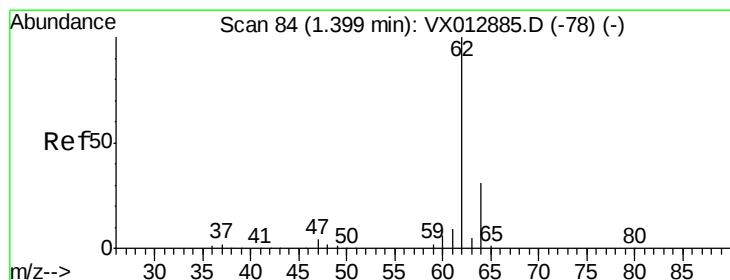
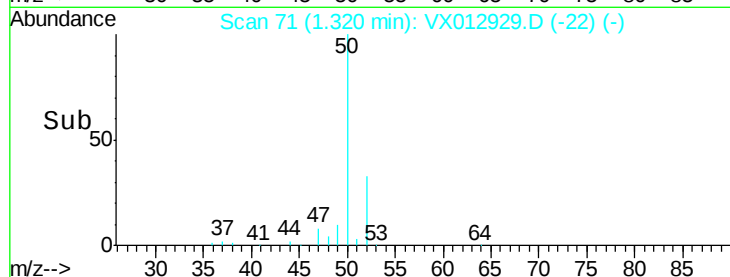
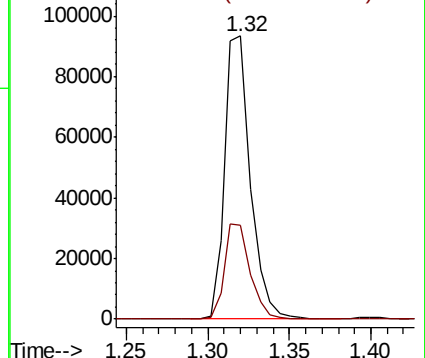
50 100

52 33.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.581 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012929.D

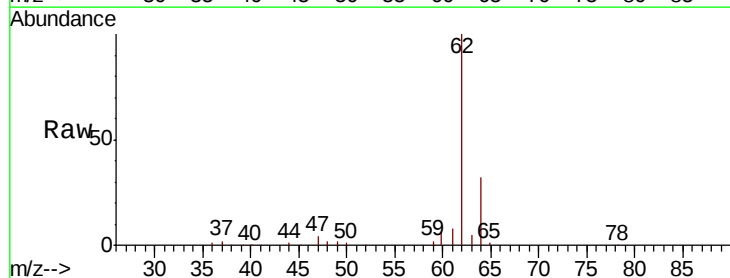
Acq: 09 Oct 2019 09:33

Tgt Ion: 62 Resp: 108452

Ion Ratio Lower Upper

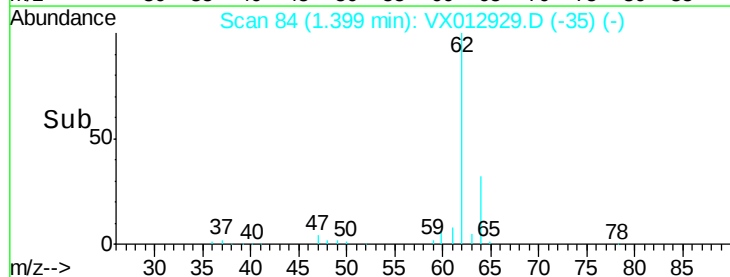
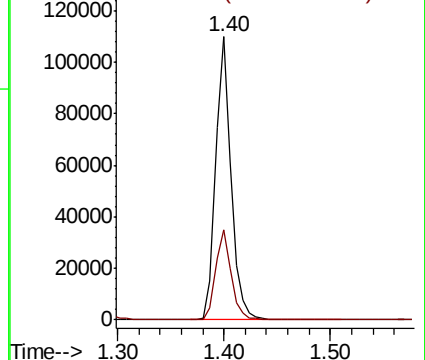
62 100

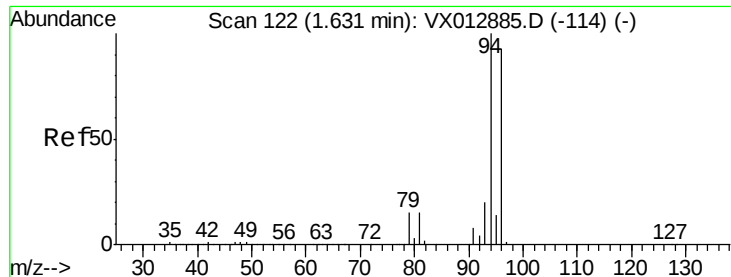
64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.835 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

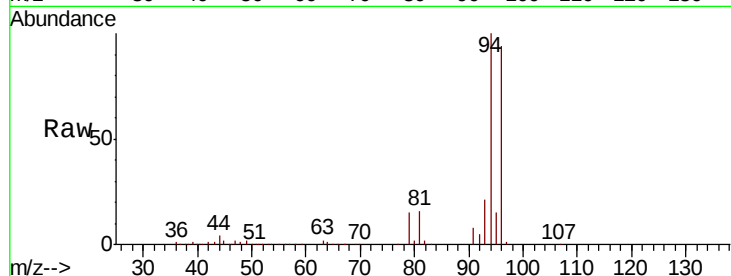
VSTDCCC050

Tot Ion: 94 Resp: 39961

Ion Ratio Lower Upper

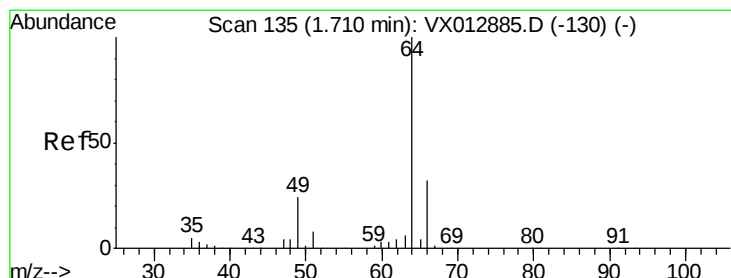
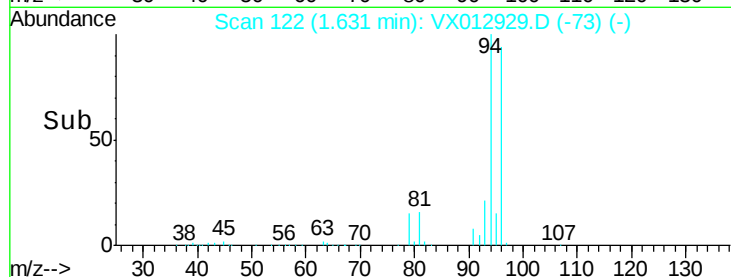
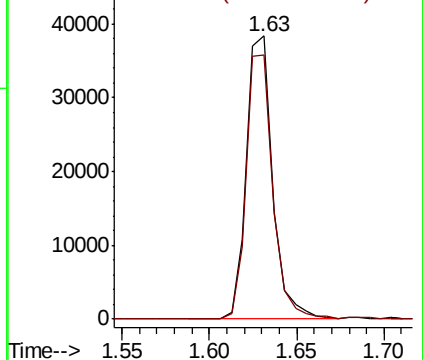
94 100

96 93.5 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.736 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012929.D

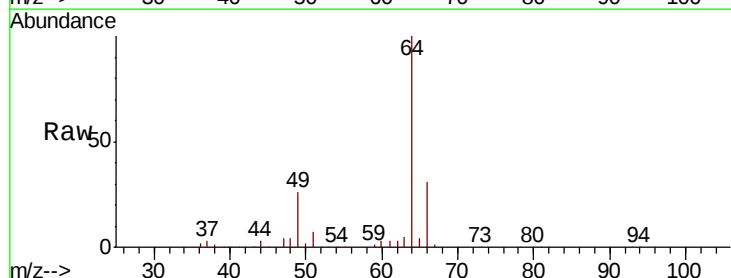
Acq: 09 Oct 2019 09:33

Tgt Ion: 64 Resp: 65137

Ion Ratio Lower Upper

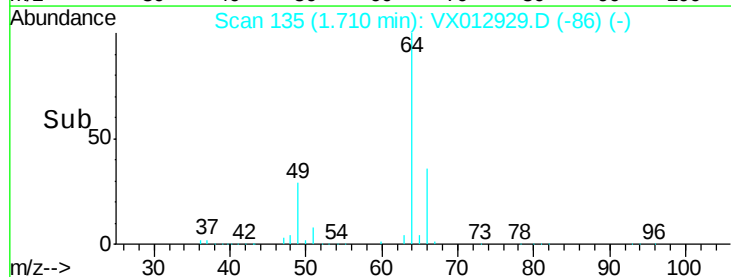
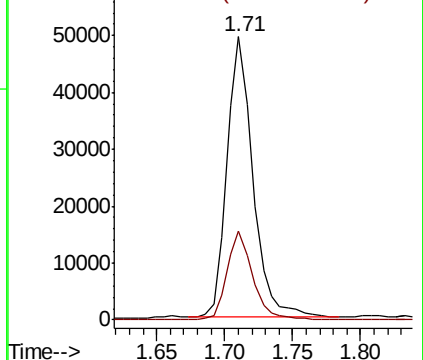
64 100

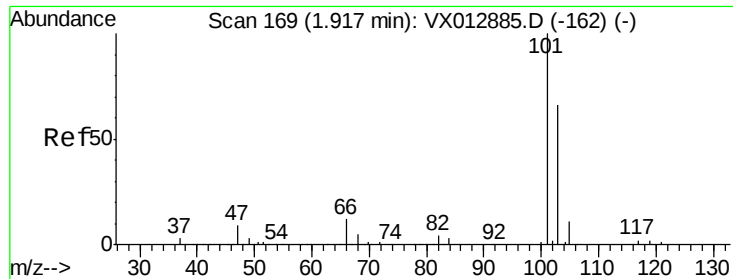
66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



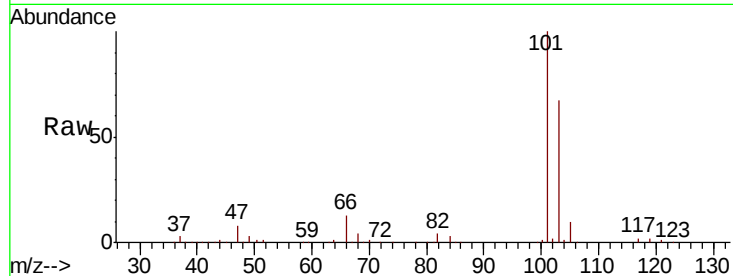


#7

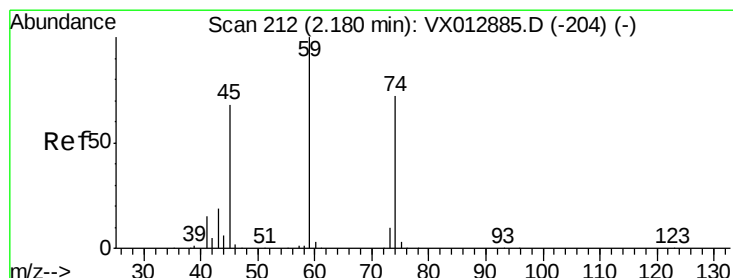
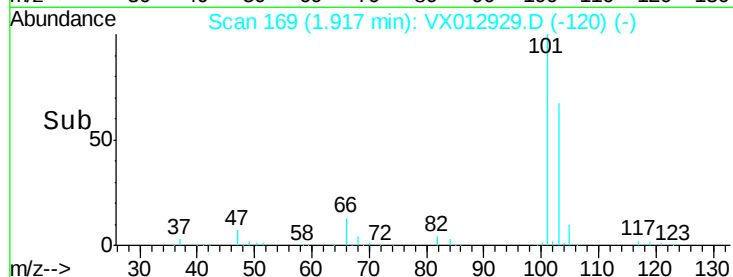
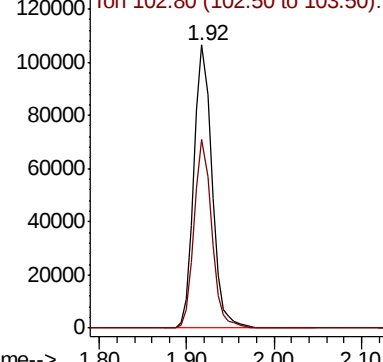
Trichlorofluoromethane
Concen: 52.519 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 151986
Ion Ratio Lower Upper
101 100
103 66.6 52.5 78.7



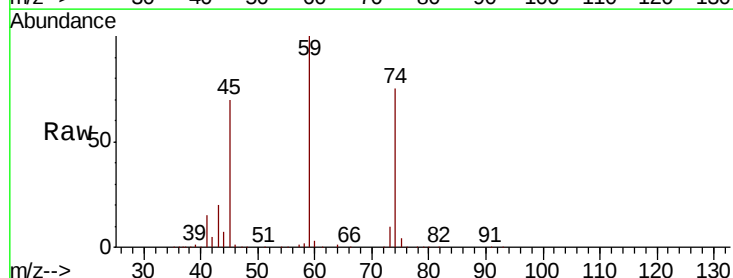
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



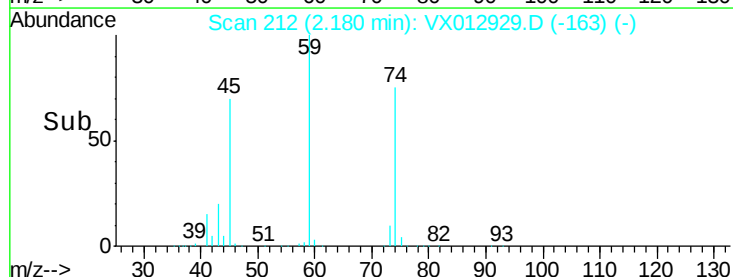
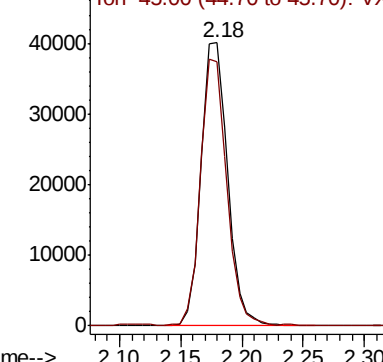
#8

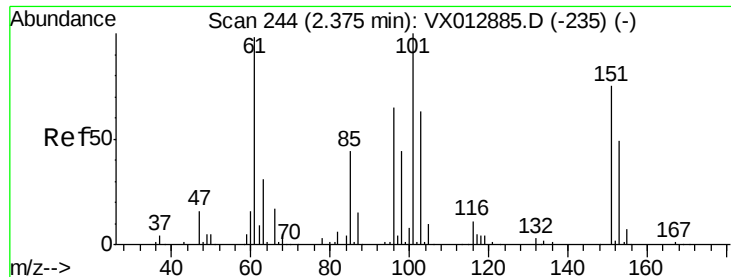
Diethyl Ether
Concen: 51.532 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 74 Resp: 60195
Ion Ratio Lower Upper
74 100
45 94.1 47.8 143.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.718 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

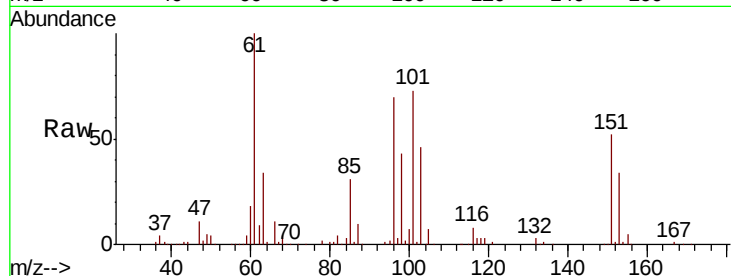
Tot Ion:101 Resp: 100611

Ion Ratio Lower Upper

101 100

85 43.0 35.2 52.8

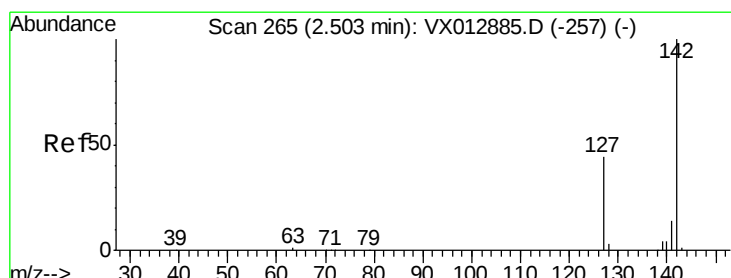
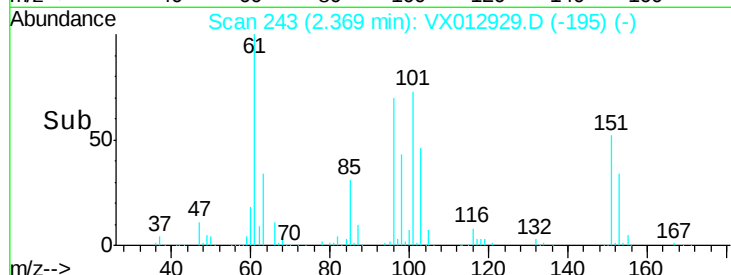
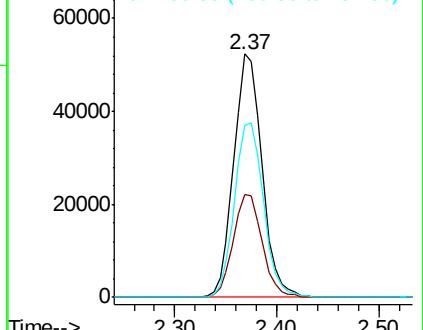
151 73.7 60.3 90.5



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: 47.311 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

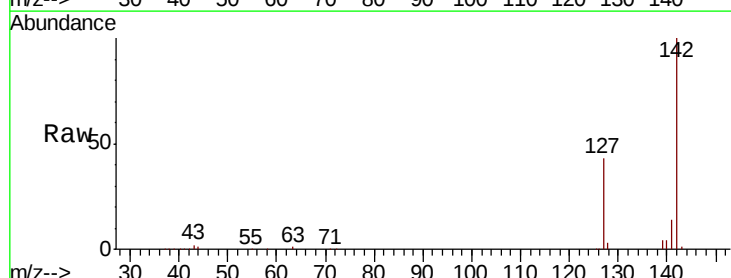
Tgt Ion:142 Resp: 99740

Ion Ratio Lower Upper

142 100

127 44.6 34.9 52.3

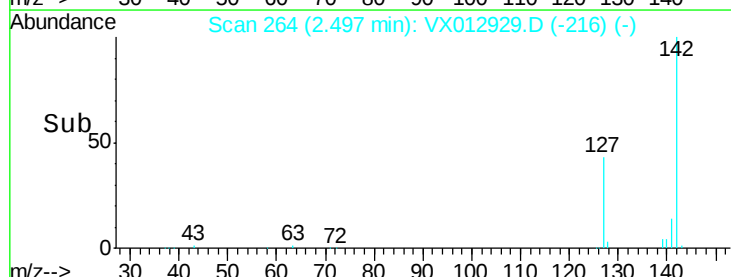
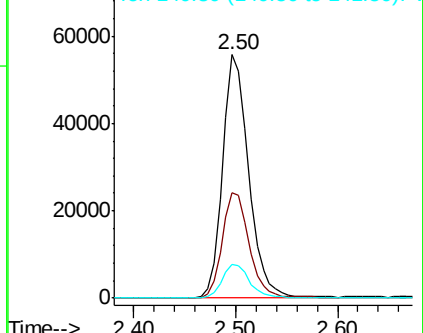
141 14.4 11.6 17.4

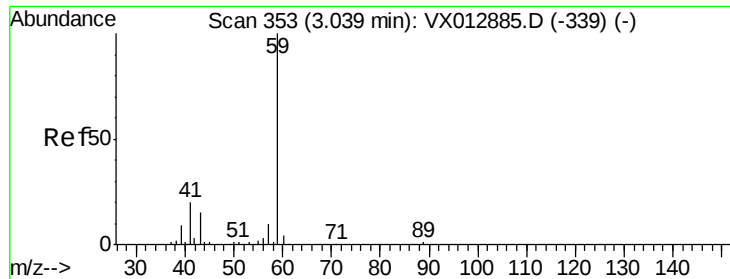


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

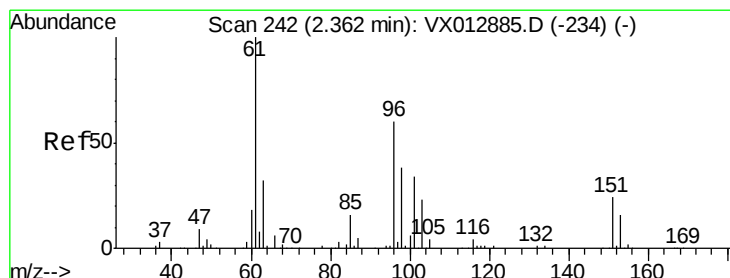
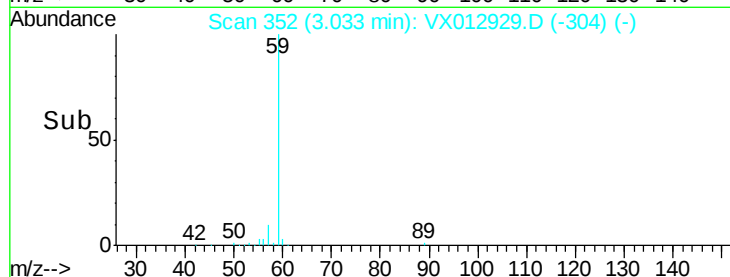
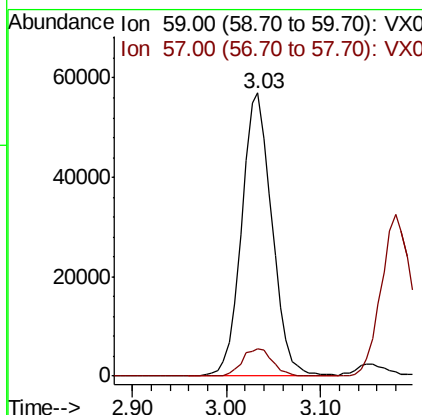
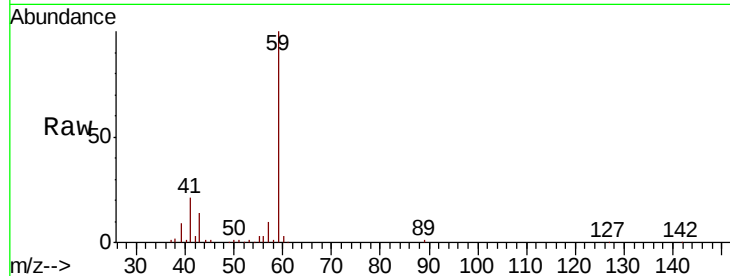




#11
Tert butyl alcohol
Concen: 205.566 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

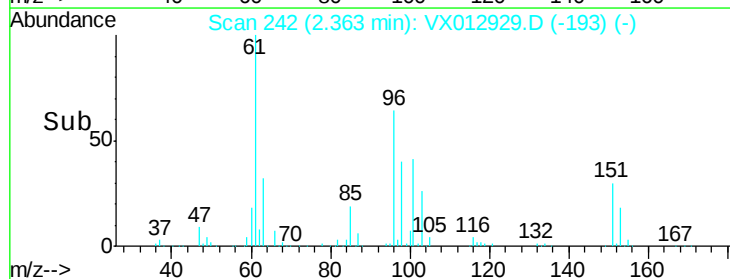
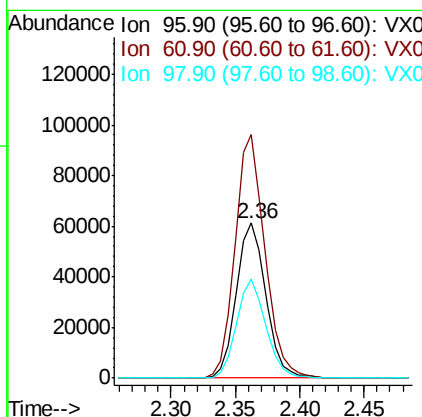
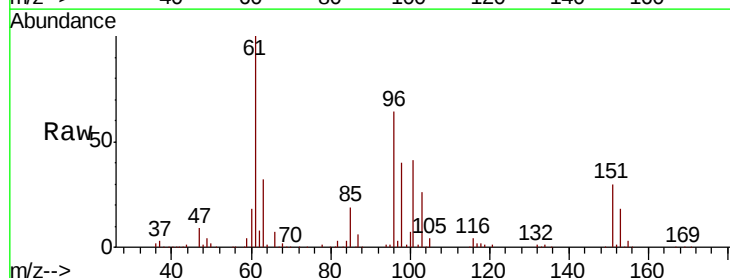
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

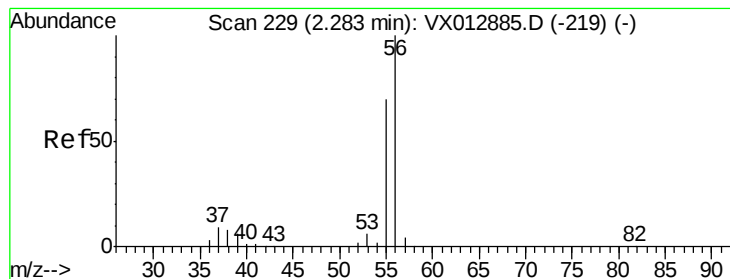
Tot Ion: 59 Resp: 127542
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.621 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 96 Resp: 97684
Ion Ratio Lower Upper
96 100
61 157.3 132.2 198.4
98 63.6 50.5 75.7





#13

Acrolein

Concen: 204.588 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

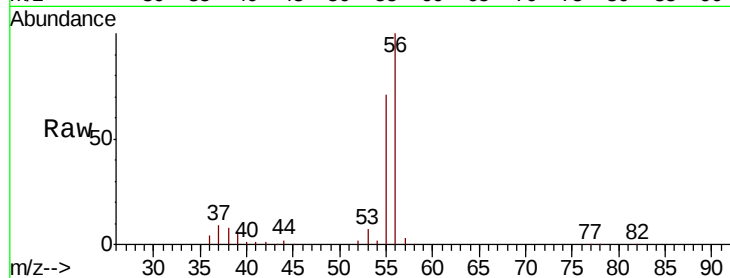
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 90207

Ion Ratio Lower Upper

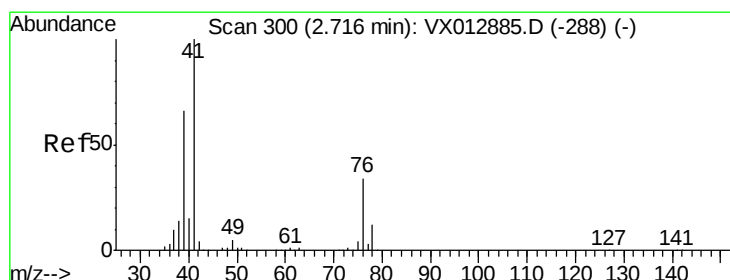
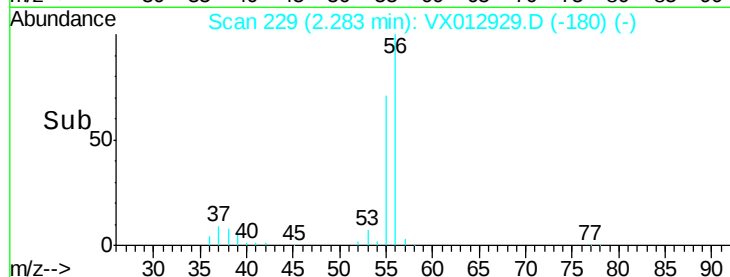
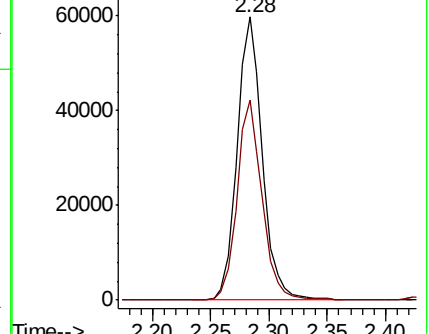
56 100

55 70.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.933 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

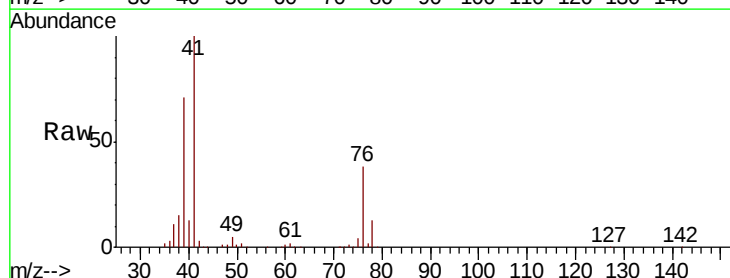
Tgt Ion: 41 Resp: 171642

Ion Ratio Lower Upper

41 100

39 64.1 51.0 76.6

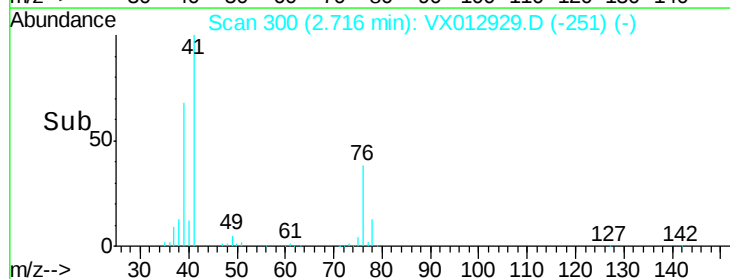
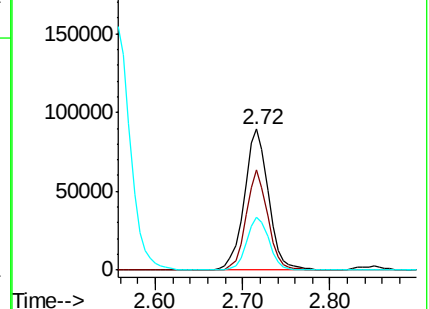
76 34.6 26.2 39.4

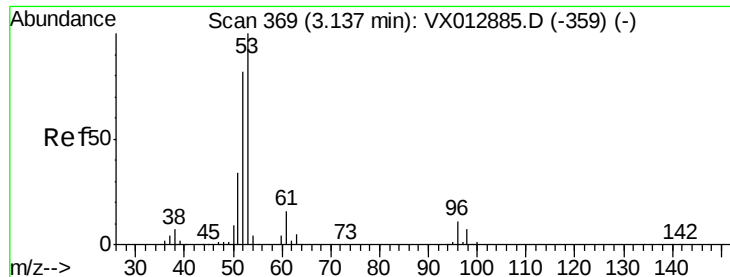


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 242.291 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

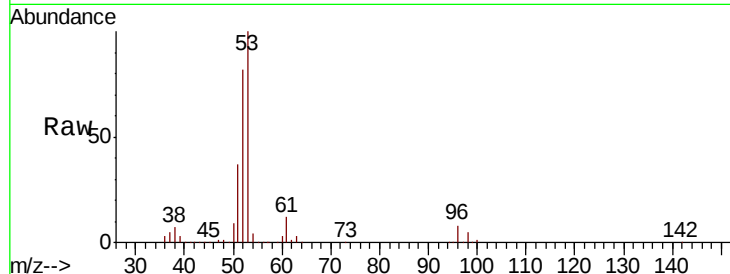
Tot Ion: 53 Resp: 284882

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

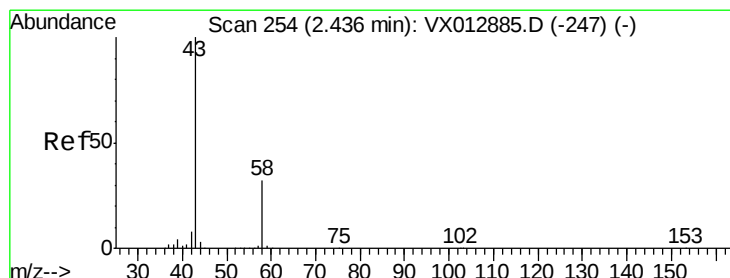
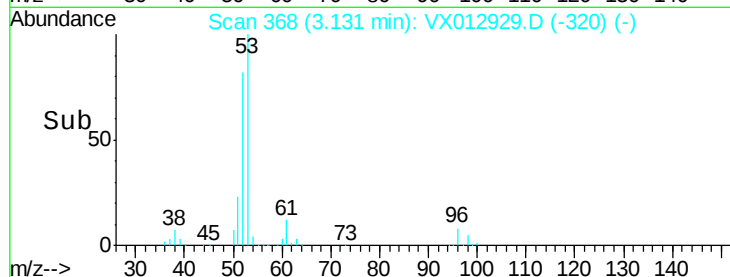
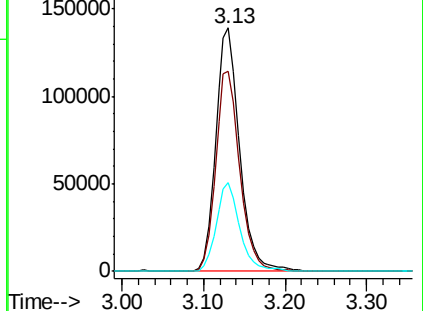
51 36.1 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 294.784 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012929.D

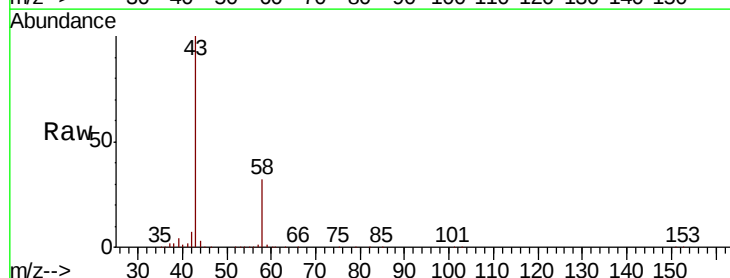
Acq: 09 Oct 2019 09:33

Tgt Ion: 43 Resp: 363666

Ion Ratio Lower Upper

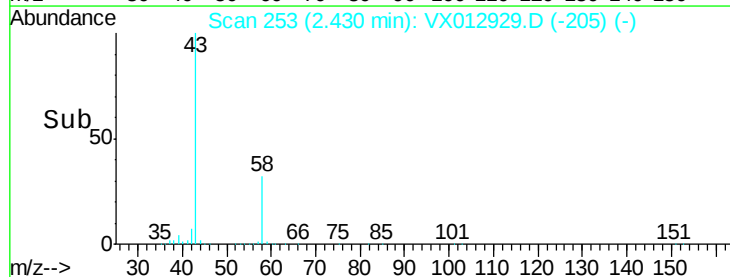
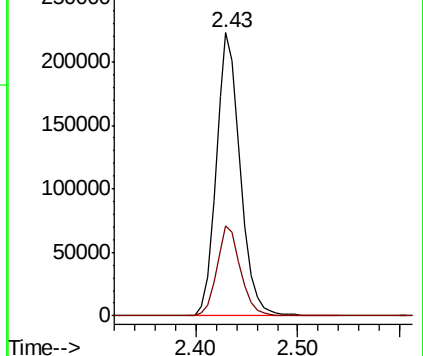
43 100

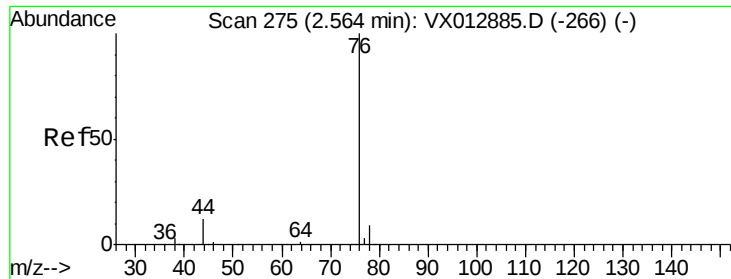
58 31.8 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

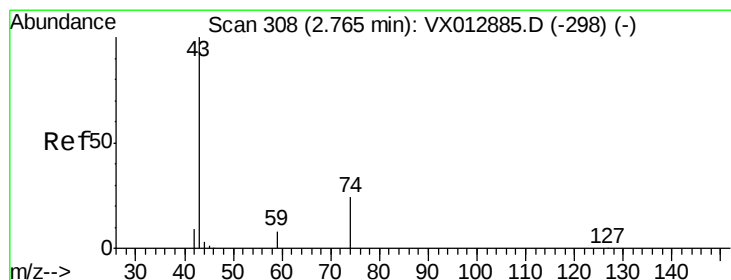
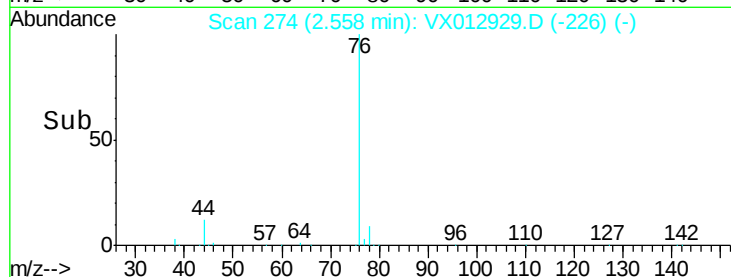
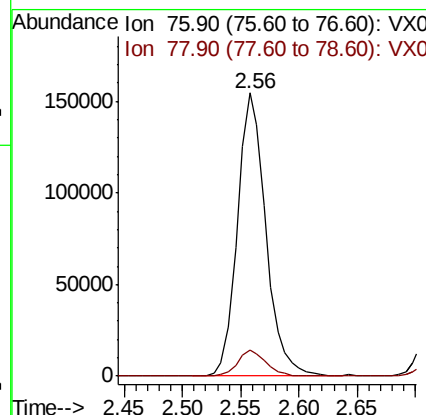
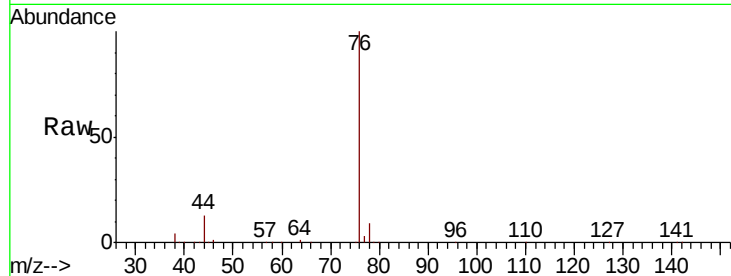




#17
Carbon Disulfide
Concen: 48.762 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

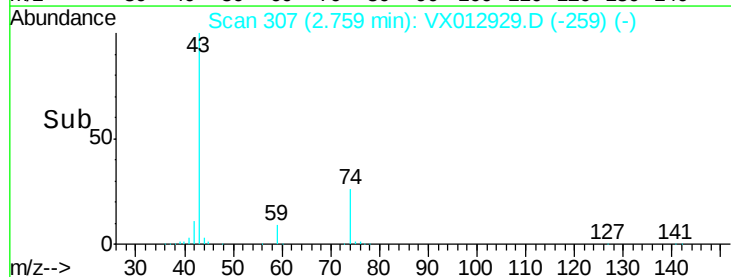
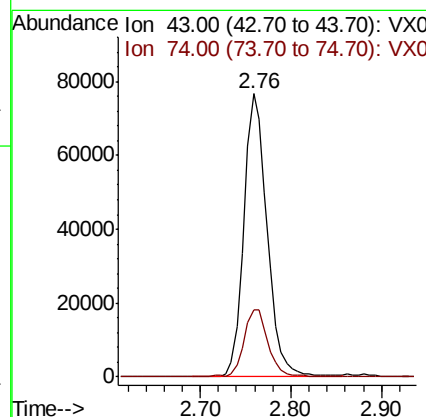
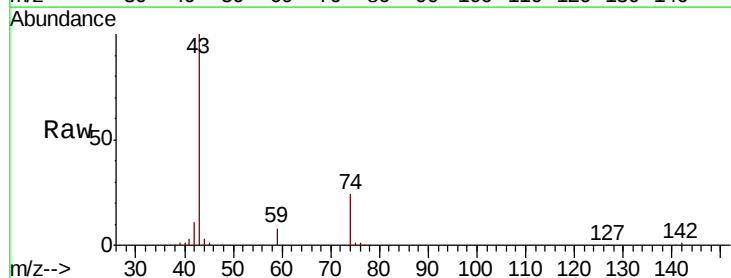
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

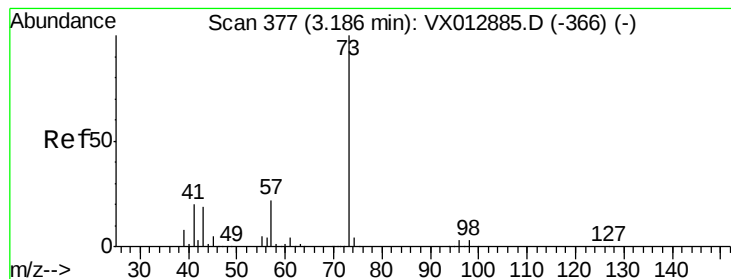
Tot Ion: 76 Resp: 263110
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 46.456 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 43 Resp: 135842
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8



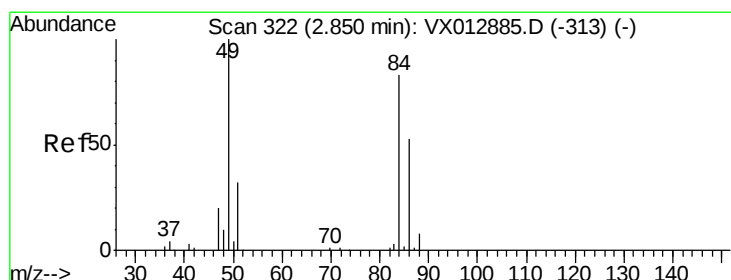
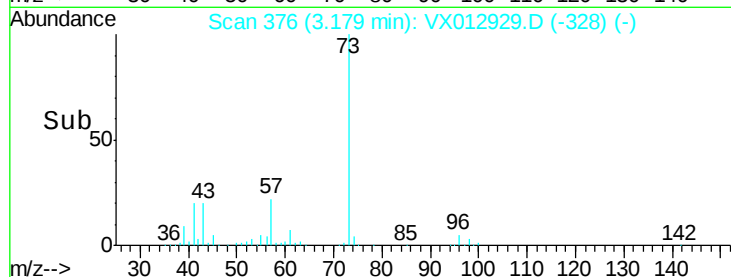
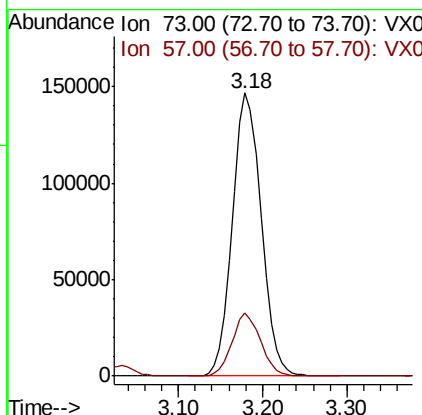
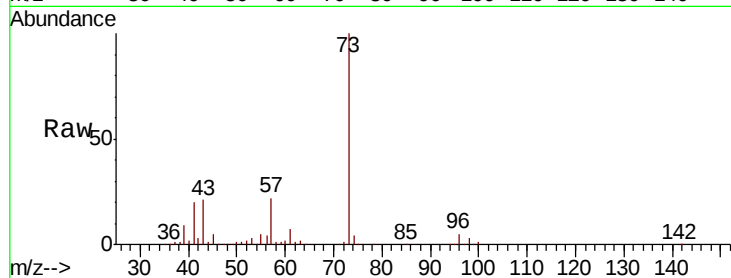


#19

Methyl tert-butyl Ether
 Concen: 51.968 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

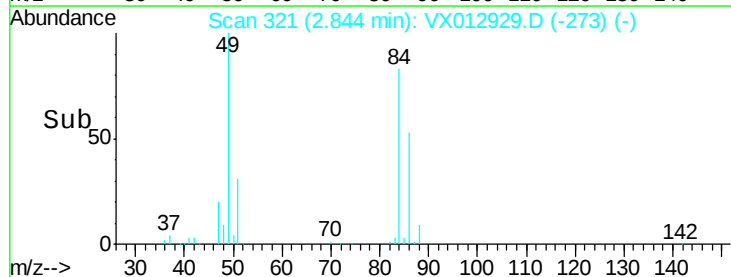
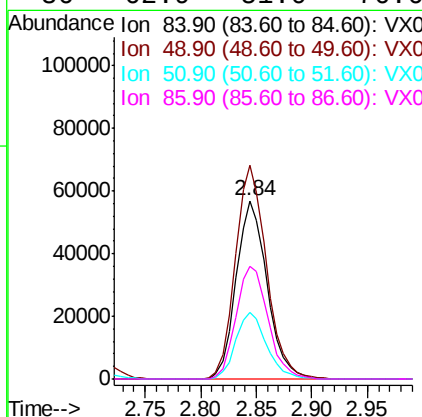
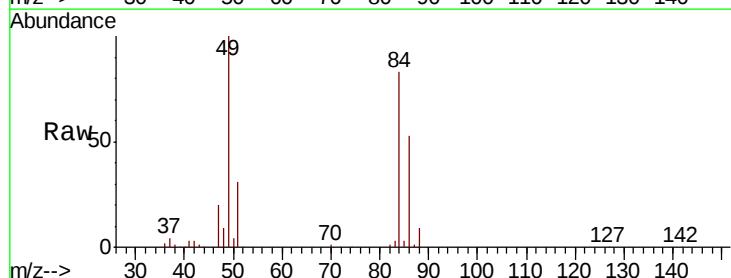
Tot Ion: 73 Resp: 339609
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.8 26.6

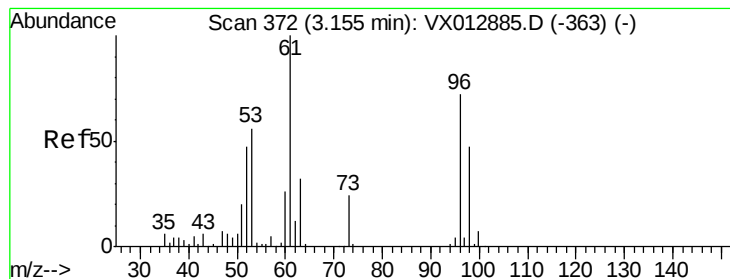


#20

Methylene Chloride
 Concen: 48.395 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Tgt Ion: 84 Resp: 109723
 Ion Ratio Lower Upper
 84 100
 49 119.8 96.6 144.8
 51 37.4 30.7 46.1
 86 62.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.337 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

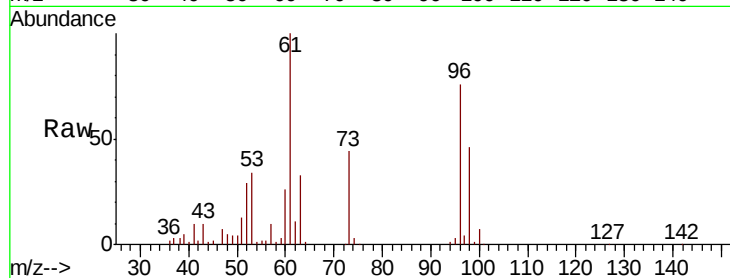
Tot Ion: 96 Resp: 106153

Ion Ratio Lower Upper

96 100

61 131.4 110.4 165.6

98 59.8 51.5 77.3

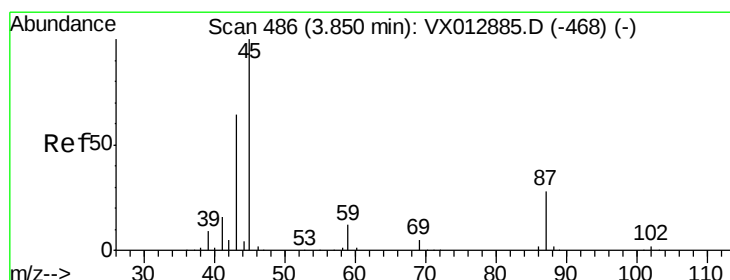
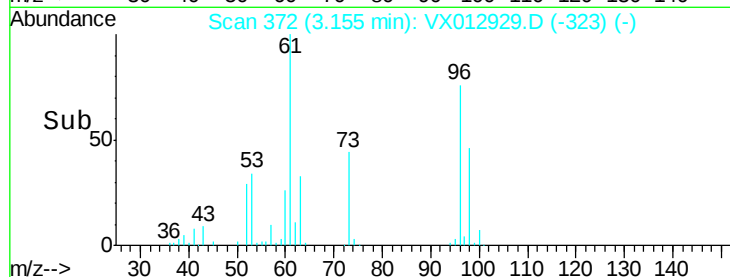
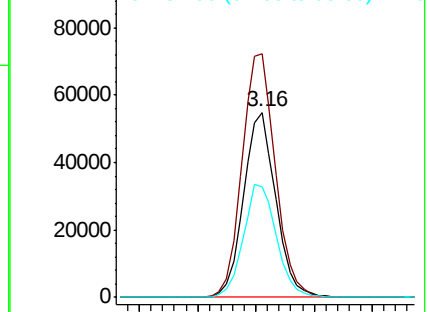


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.314 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Tgt Ion: 45 Resp: 337821

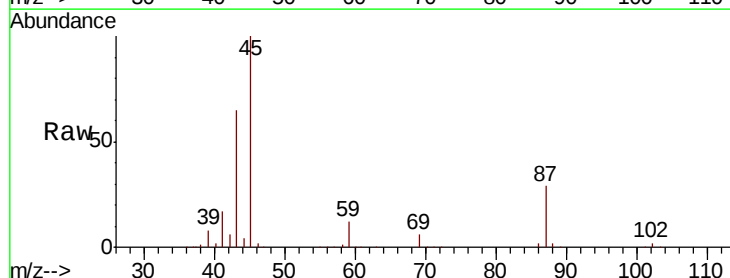
Ion Ratio Lower Upper

45 100

43 65.0 51.4 77.0

87 29.0 22.5 33.7

59 12.4 9.7 14.5



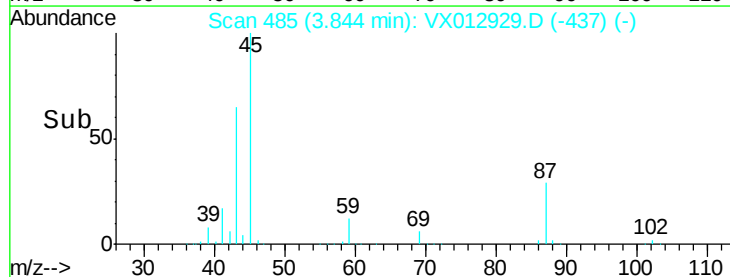
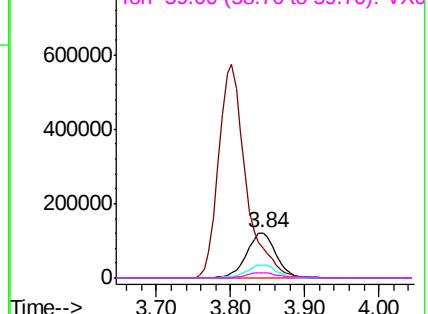
Abundance

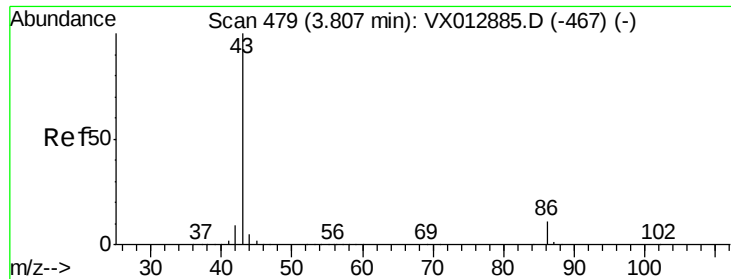
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.604 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

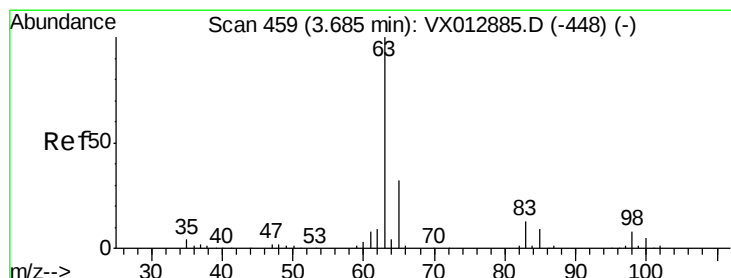
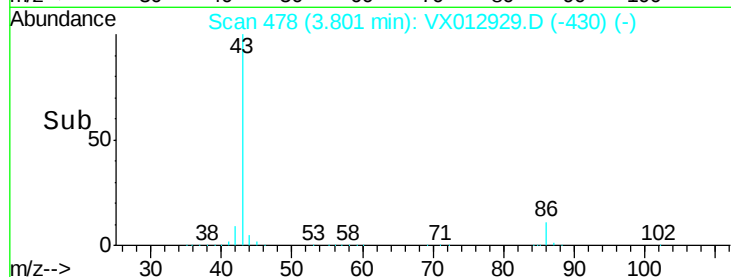
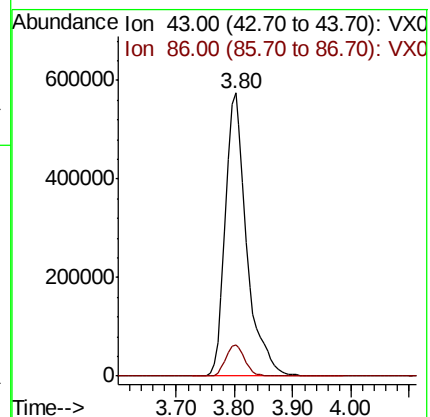
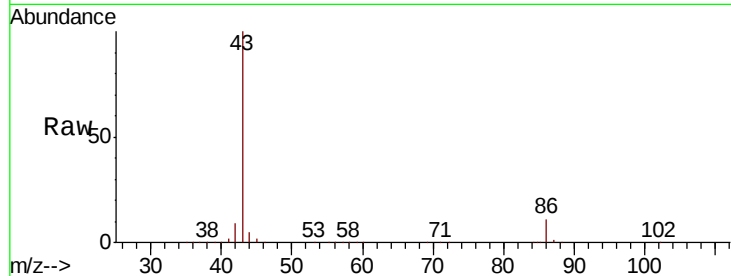
VSTDCCC050

Tot Ion: 43 Resp: 1463912

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.6



#24

1,1-Dichloroethane

Concen: 51.970 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

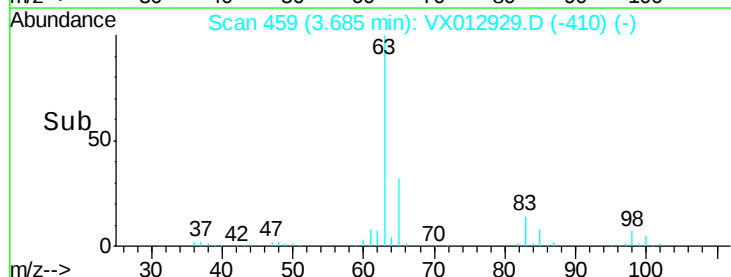
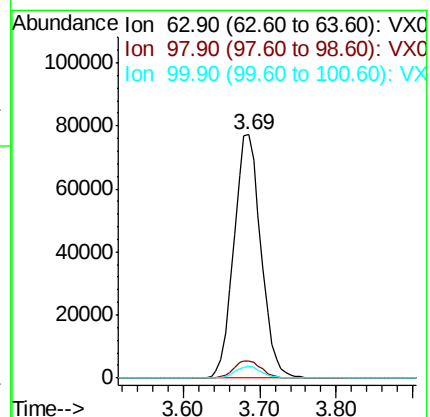
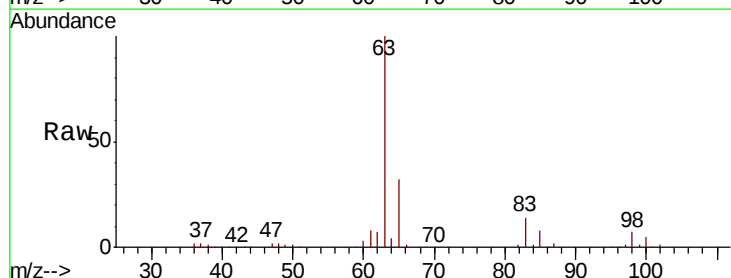
Tgt Ion: 63 Resp: 188799

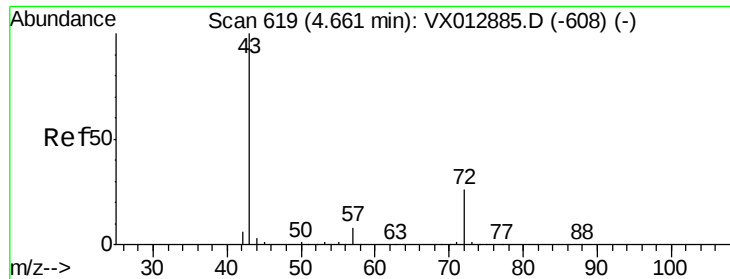
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 262.612 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

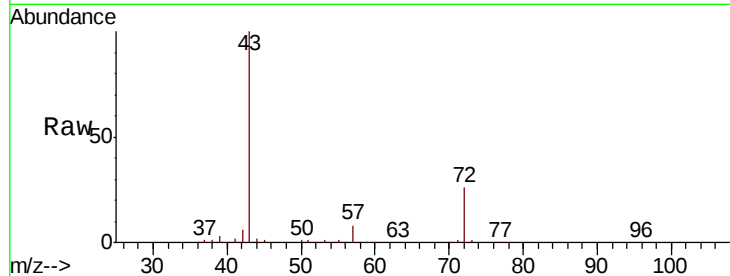
VSTDCCC050

Tot Ion: 43 Resp: 449473

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

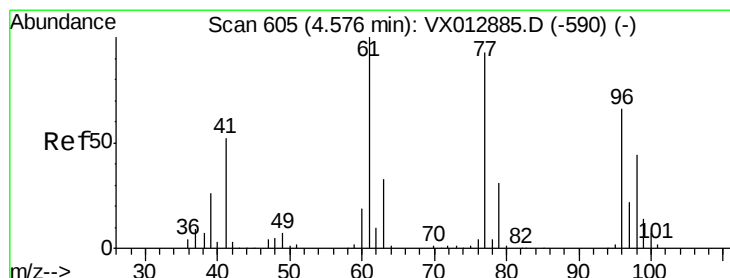
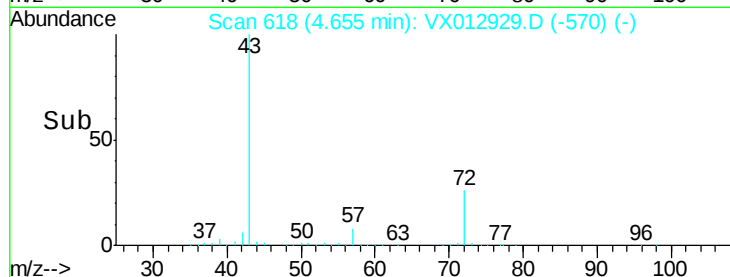
150000

100000

50000

0

Time--> 4.50 4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 53.725 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012929.D

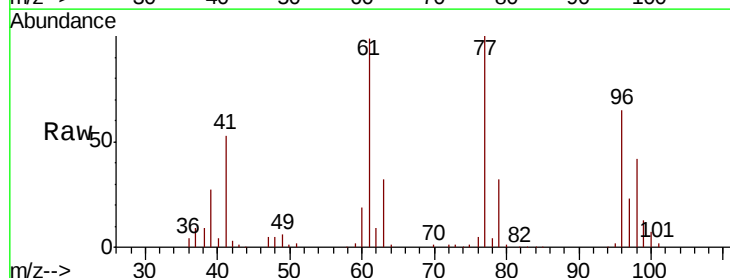
Acq: 09 Oct 2019 09:33

Tgt Ion: 77 Resp: 164123

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

60000

50000

40000

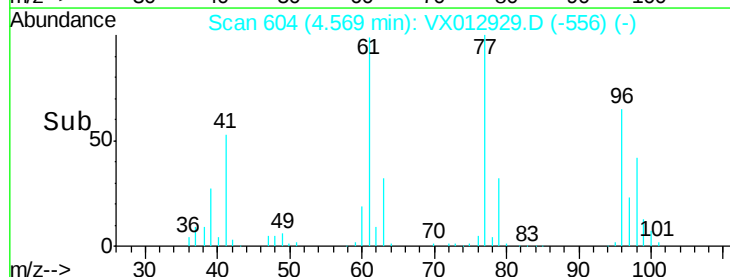
30000

20000

10000

0

Time--> 4.40 4.50 4.60 4.70



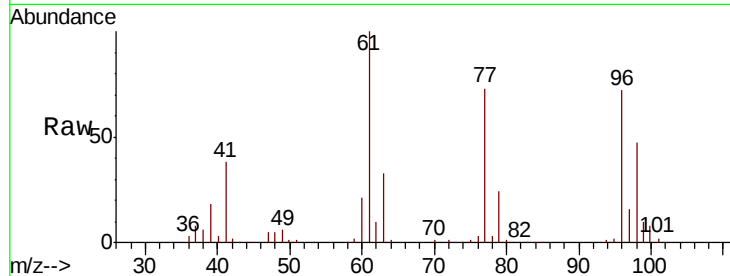


#27

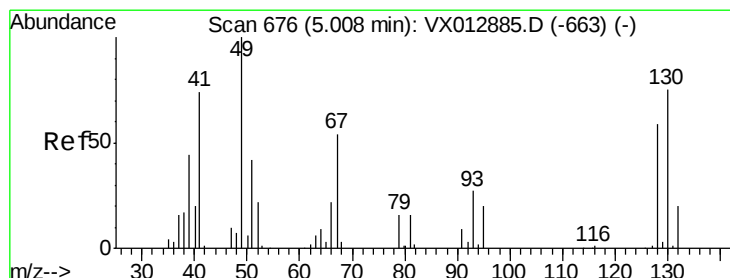
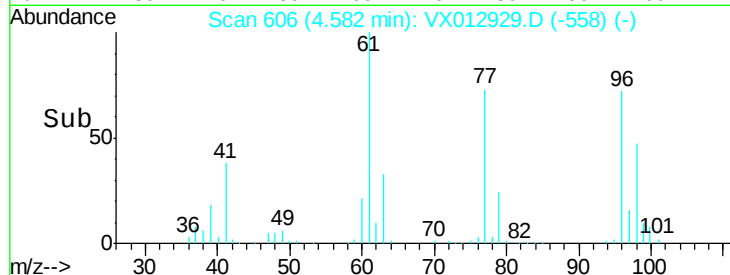
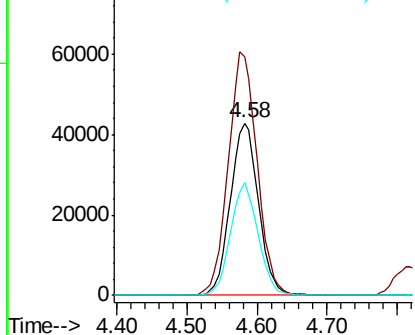
cis-1,2-Dichloroethene
Concen: 51.028 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 119299
Ion Ratio Lower Upper
96 100
61 145.6 0.0 290.6
98 64.1 0.0 128.8



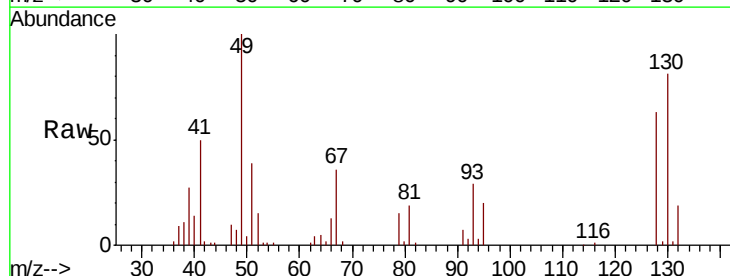
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



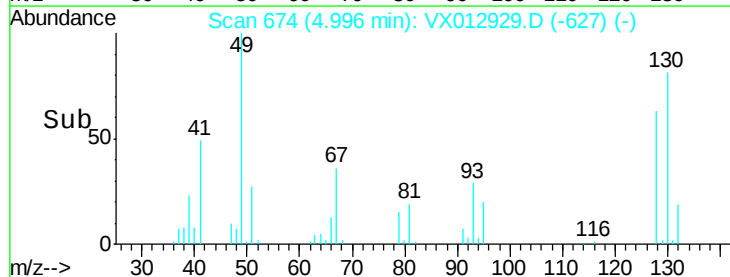
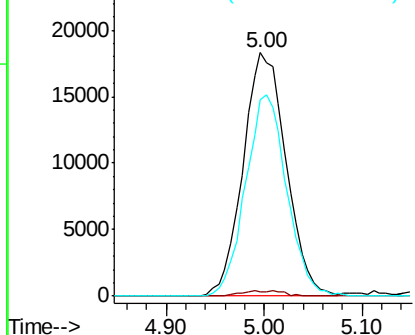
#28

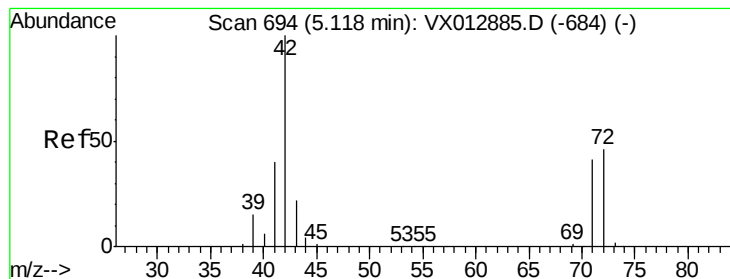
Bromochloromethane
Concen: 51.536 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 49 Resp: 55937
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.2
130 79.1 62.1 93.1



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: 237.447 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

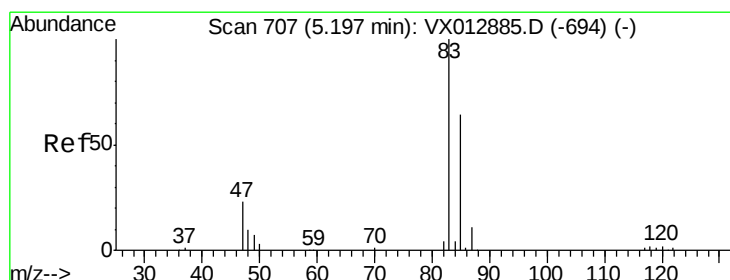
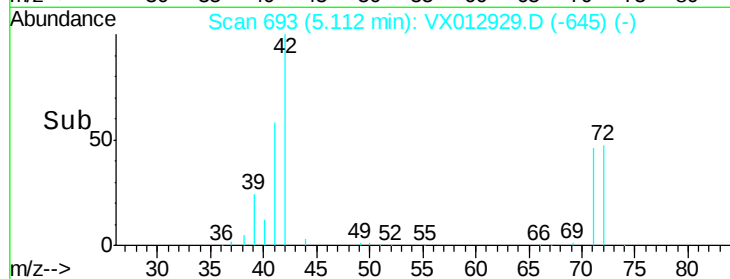
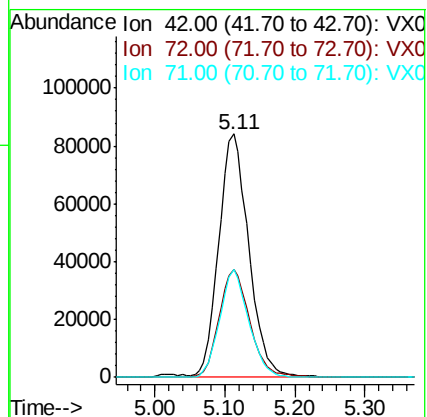
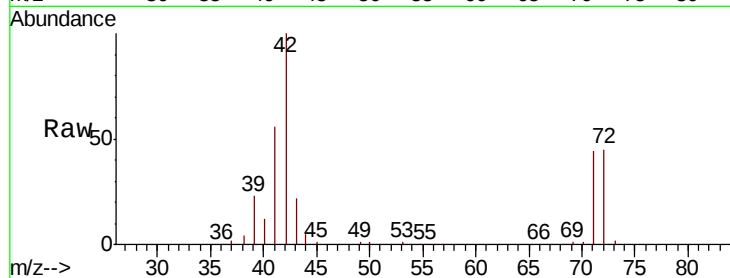
Tot Ion: 42 Resp: 250086

Ion Ratio Lower Upper

42 100

72 45.6 36.9 55.3

71 43.2 33.5 50.3



#30

Chloroform

Concen: 51.140 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012929.D

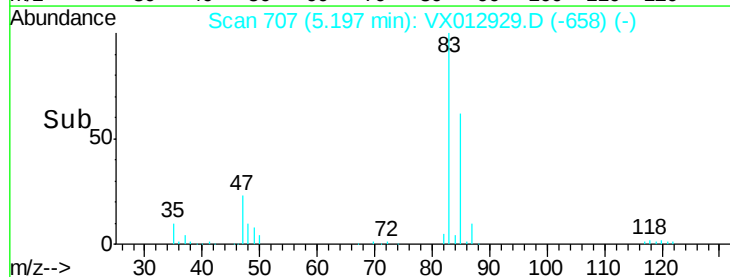
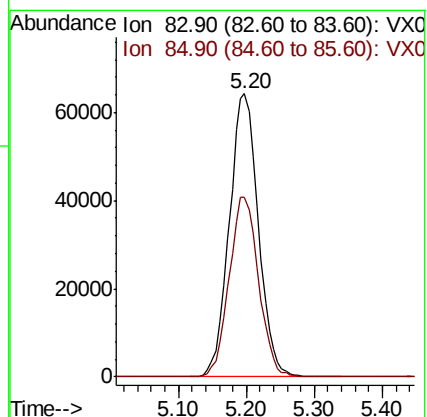
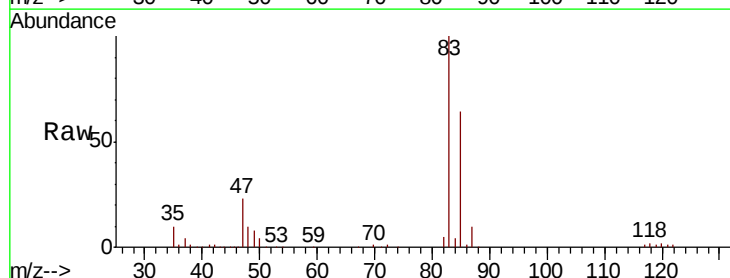
Acq: 09 Oct 2019 09:33

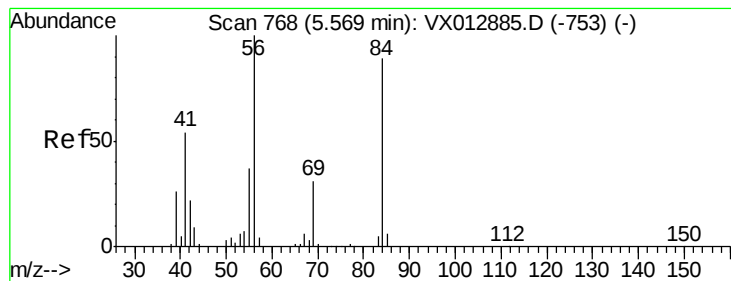
Tgt Ion: 83 Resp: 190628

Ion Ratio Lower Upper

83 100

85 63.6 51.5 77.3





#31

Cyclohexane

Concen: 52.090 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

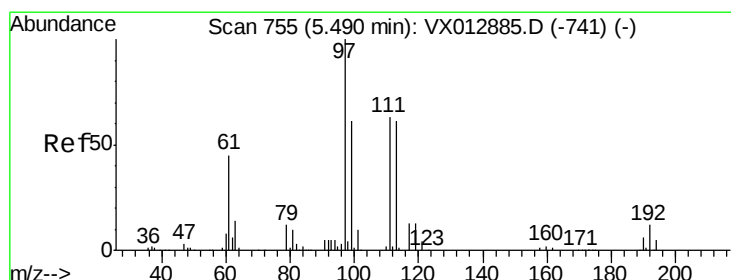
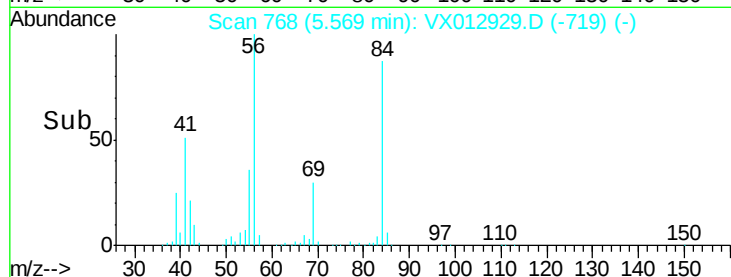
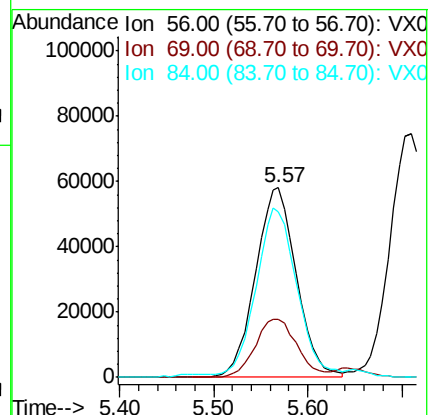
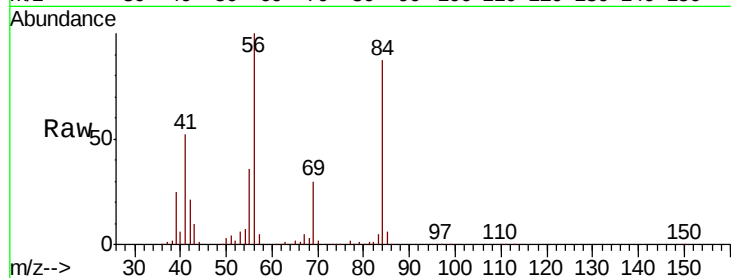
Tot Ion: 56 Resp: 176948

Ion Ratio Lower Upper

56 100

69 30.4 25.2 37.8

84 85.7 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 53.143 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

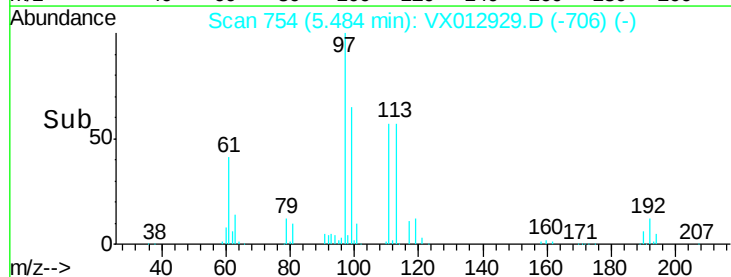
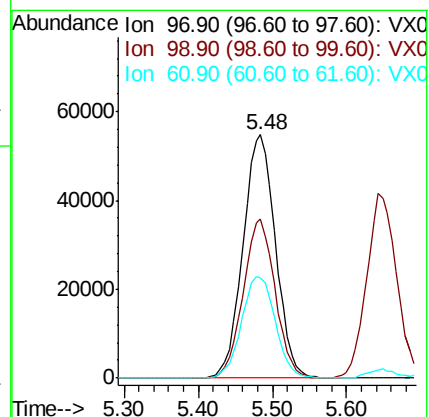
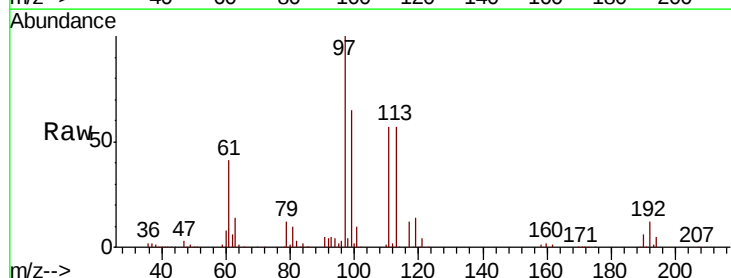
Tgt Ion: 97 Resp: 167848

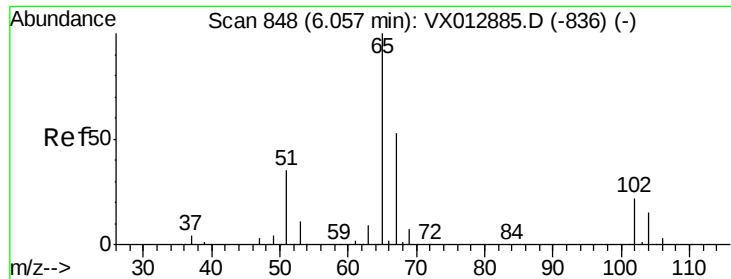
Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 43.6 35.0 52.4

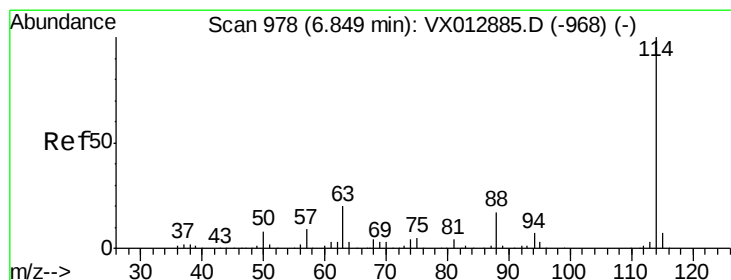
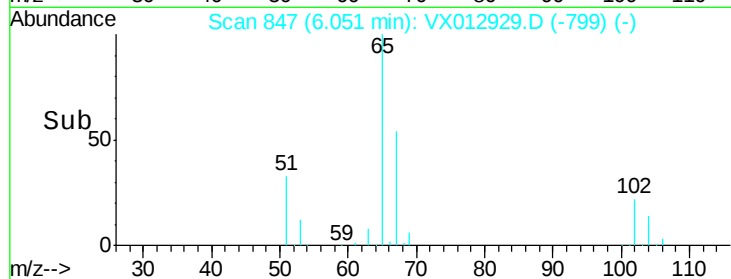
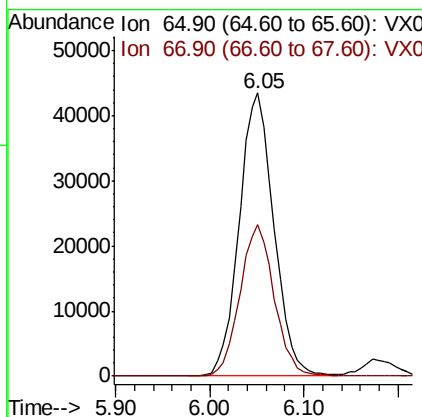
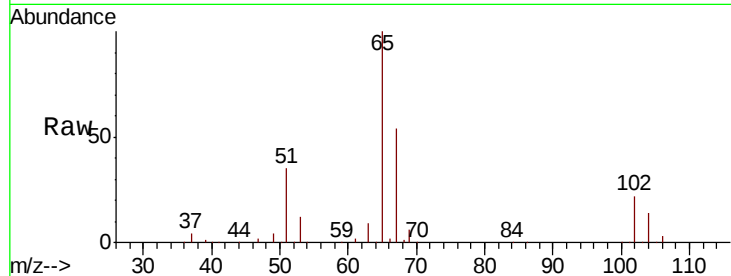




#33
 1,2-Dichloroethane-d4
 Concen: 47.764 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

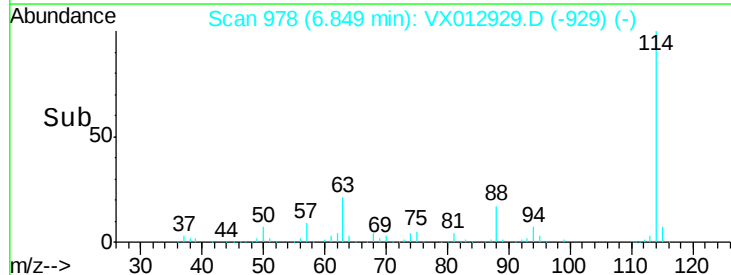
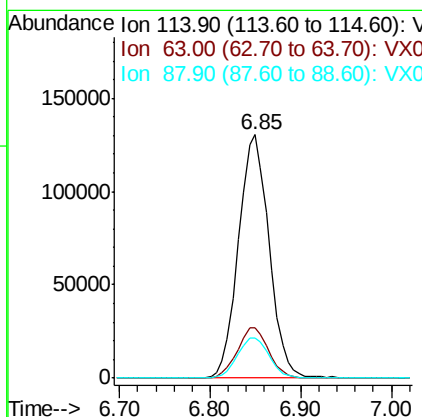
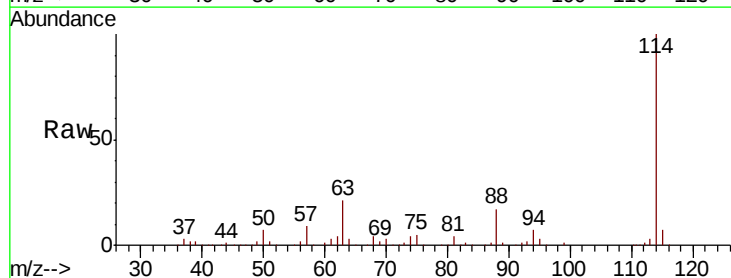
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

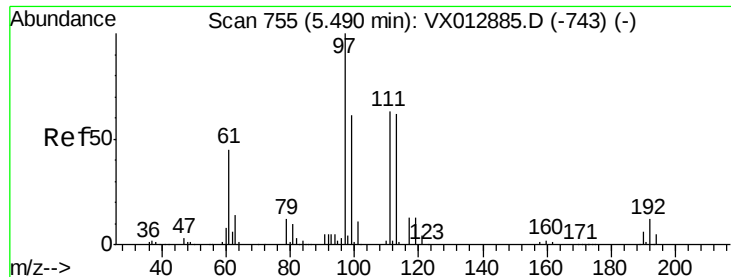
Tot Ion: 65 Resp: 111790
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Tgt Ion: 114 Resp: 305671
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.5 0.0 33.8

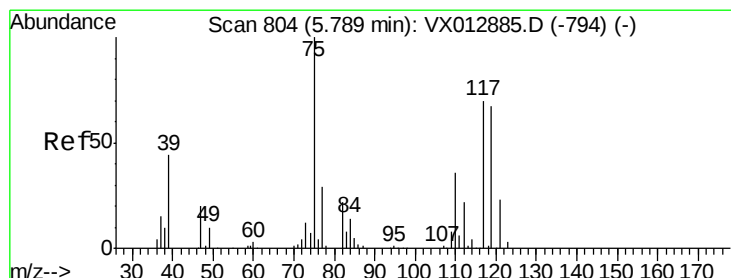
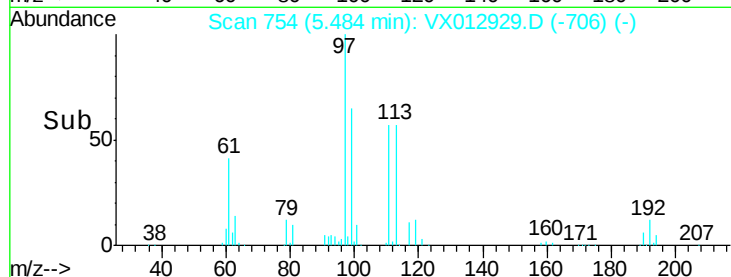
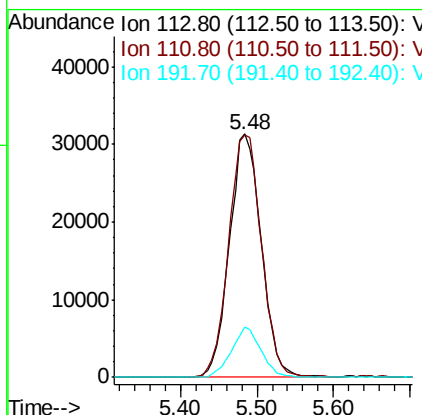
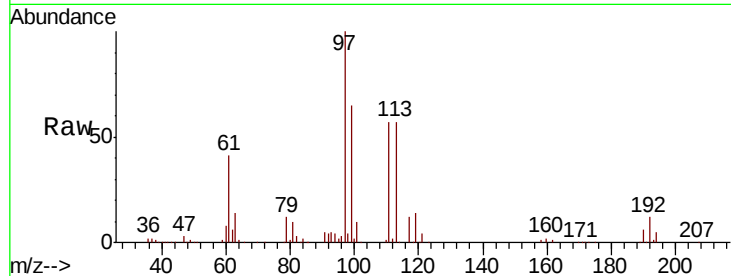




#35
 Dibromofluoromethane
 Concen: 51.444 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

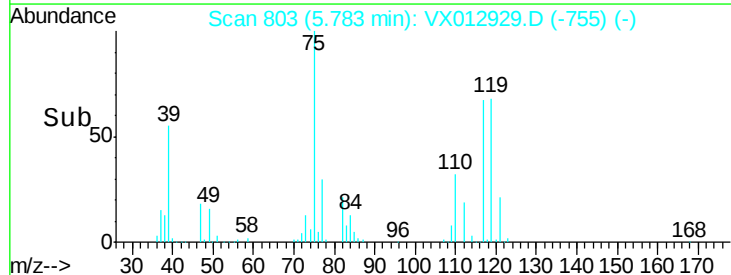
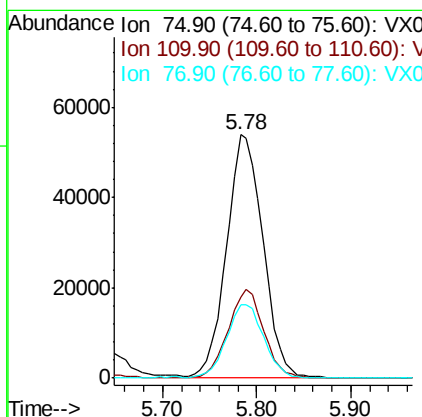
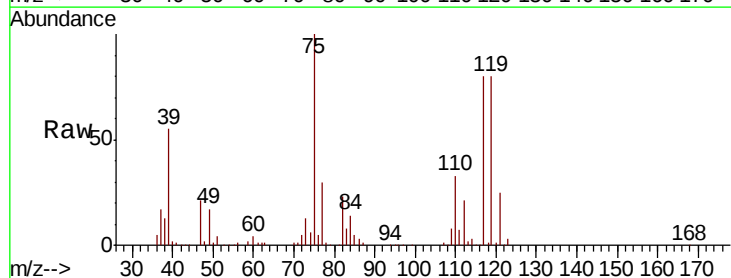
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

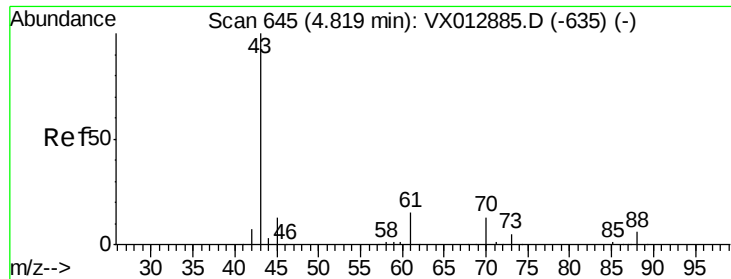
Tot Ion:113 Resp: 90253
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.2 124.8
 192 19.1 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 53.827 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Tgt Ion: 75 Resp: 144660
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.6 52.9
 77 30.9 24.4 36.6

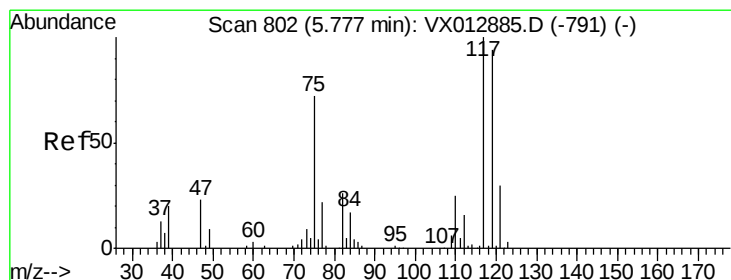
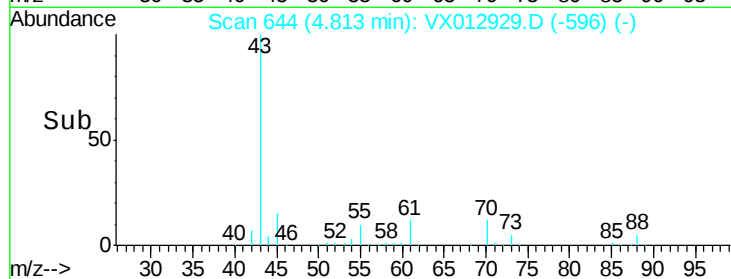
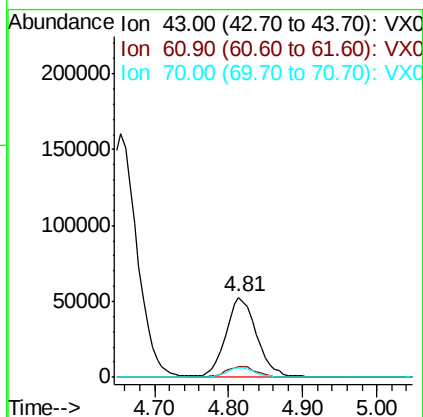
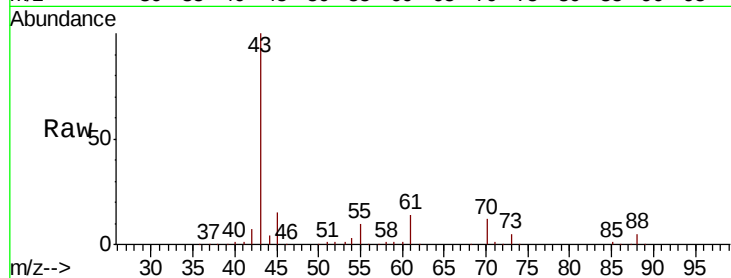




#37
Ethyl Acetate
Concen: 50.622 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

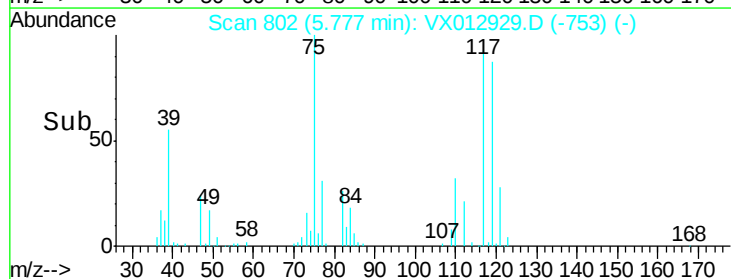
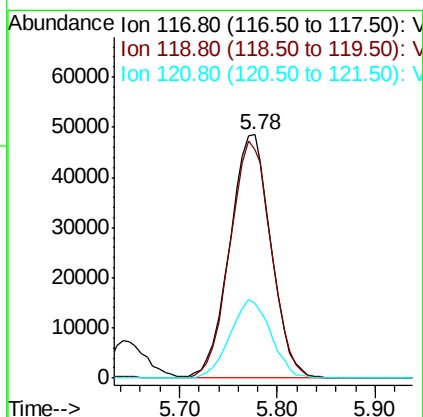
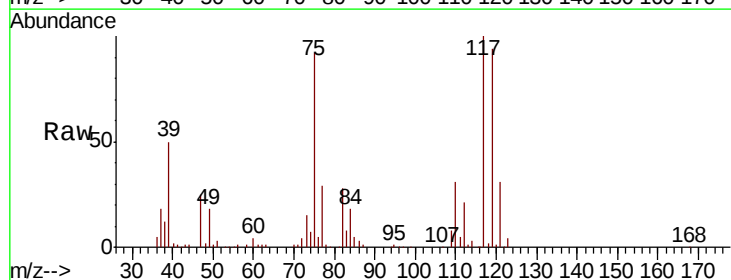
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

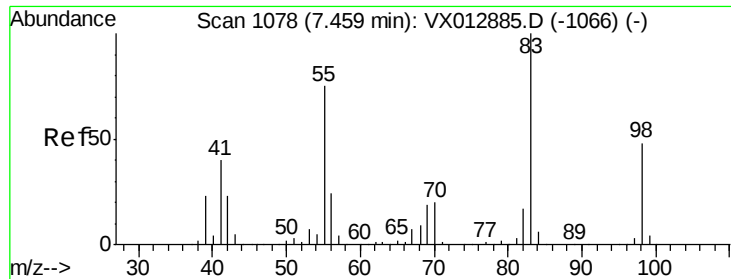
Tot Ion: 43 Resp: 152126
Ion Ratio Lower Upper
43 100
61 14.0 11.4 17.0
70 12.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 54.354 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 117 Resp: 142181
Ion Ratio Lower Upper
117 100
119 93.8 74.5 111.7
121 30.8 24.2 36.4

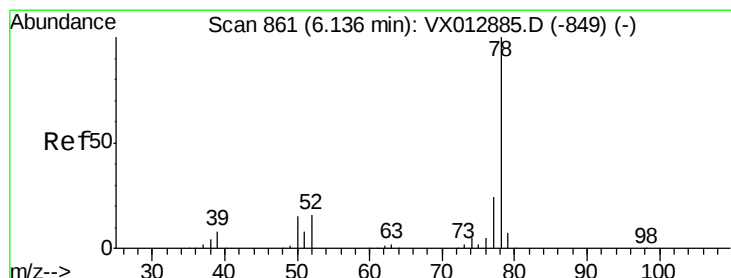
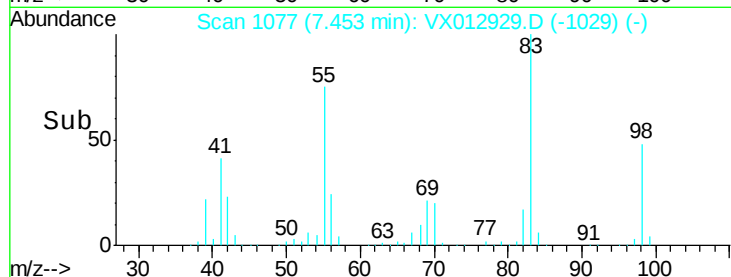
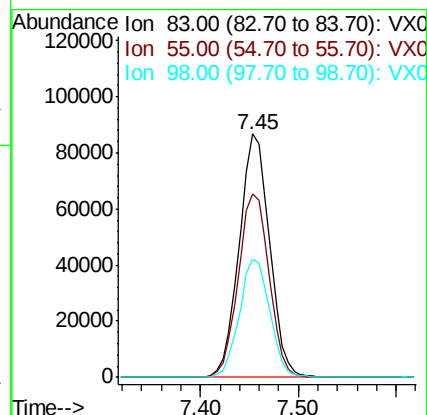
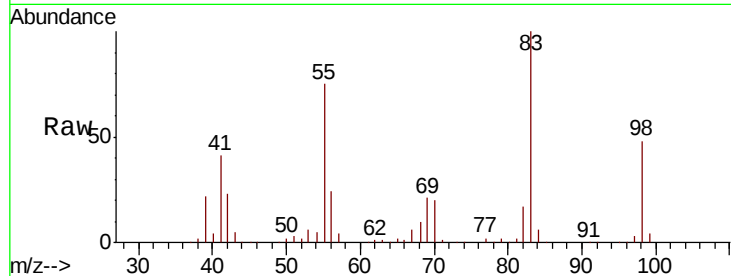




#39
Methvlcvclohexane
Concen: 57.300 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

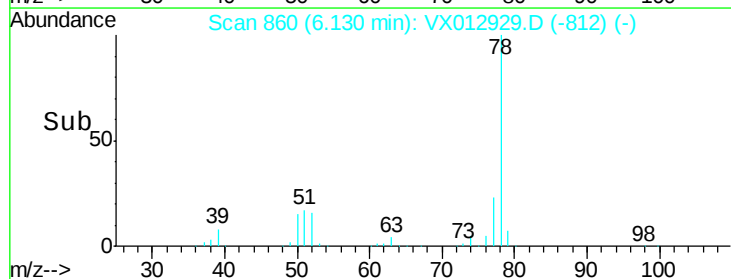
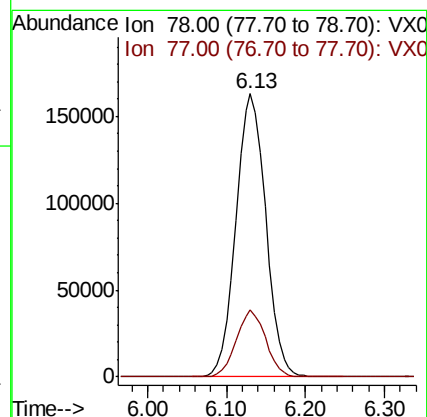
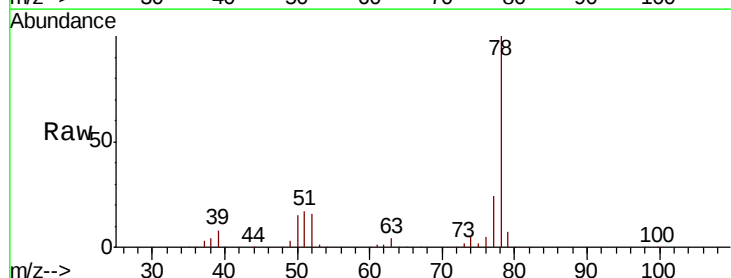
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

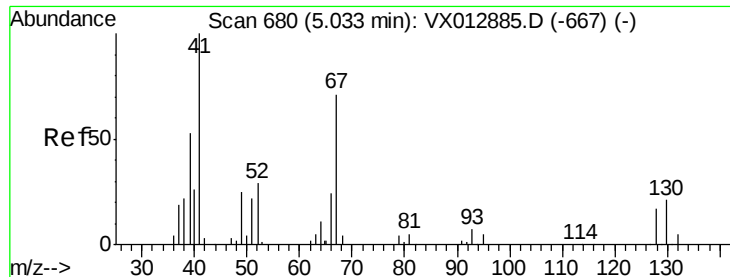
Tot Ion: 83 Resp: 186752
Ion Ratio Lower Upper
83 100
55 75.5 60.2 90.4
98 48.3 38.5 57.7



#40
Benzene
Concen: 54.082 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 78 Resp: 429279
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41

Methacrylonitrile

Concen: 52.040 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 85932

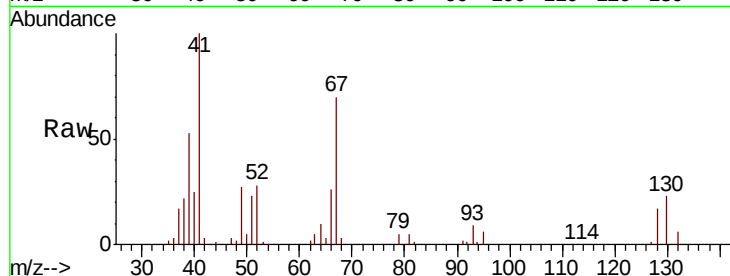
Ion Ratio Lower Upper

41 100

39 53.3 44.0 66.0

67 71.6 58.5 87.7

52 28.9 23.8 35.8

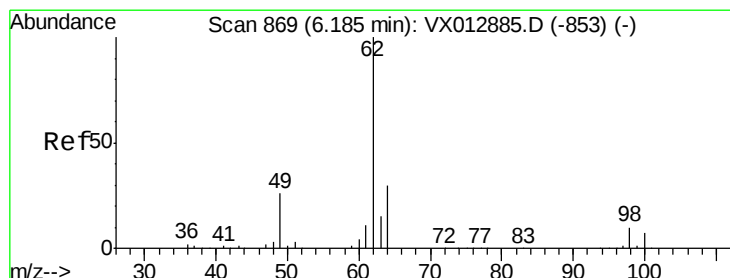
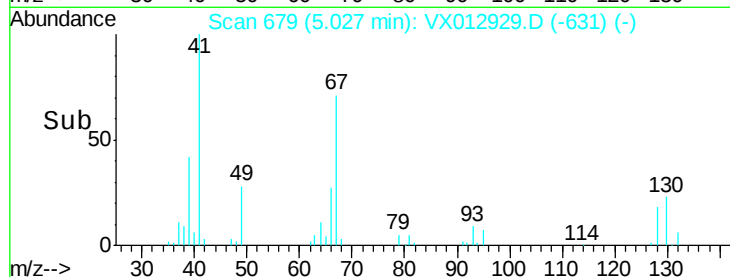
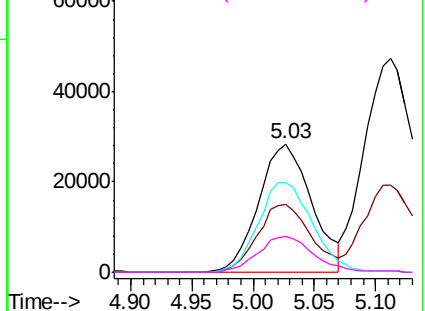


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.797 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012929.D

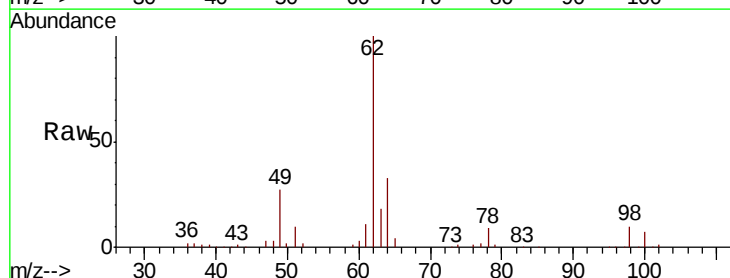
Acq: 09 Oct 2019 09:33

Tgt Ion: 62 Resp: 153226

Ion Ratio Lower Upper

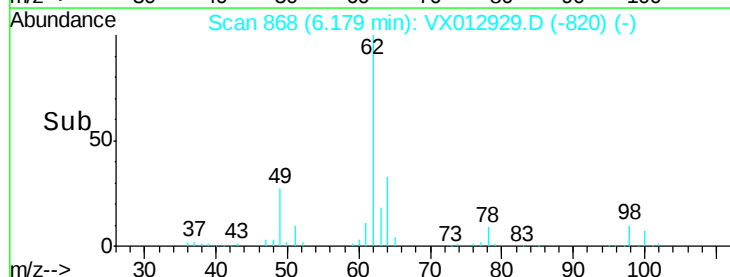
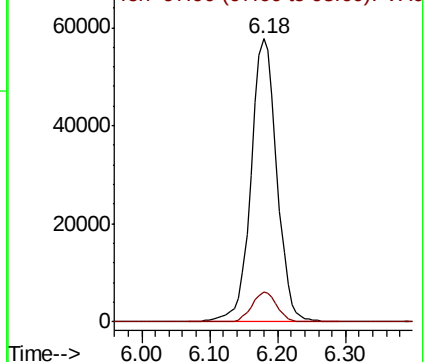
62 100

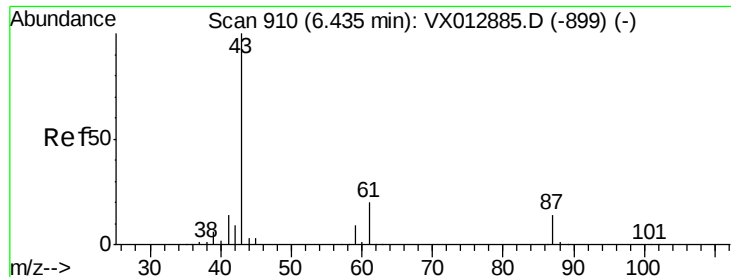
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.336 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

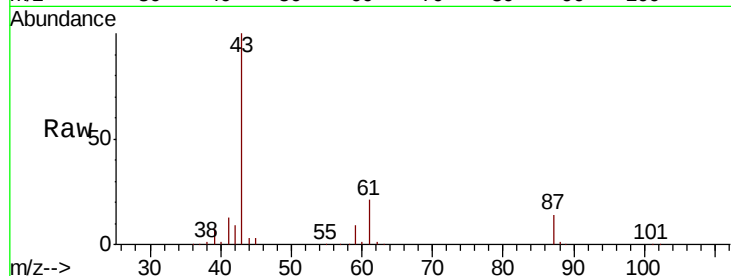
Tot Ion: 43 Resp: 252430

Ion Ratio Lower Upper

43 100

61 20.9 16.6 24.8

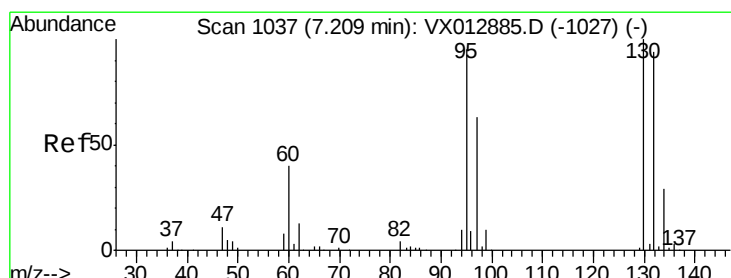
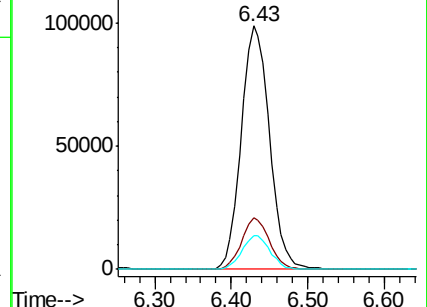
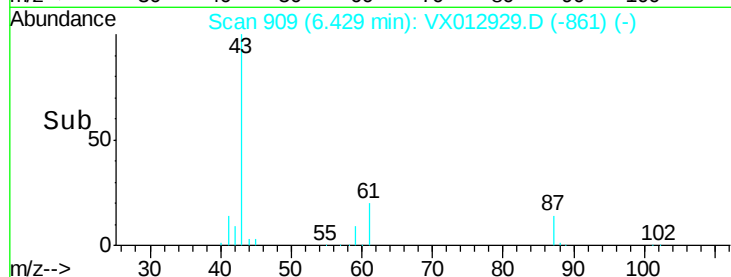
87 13.8 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX012885.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX012885.D (-899) (-)



#44

Trichloroethene

Concen: 51.904 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012929.D

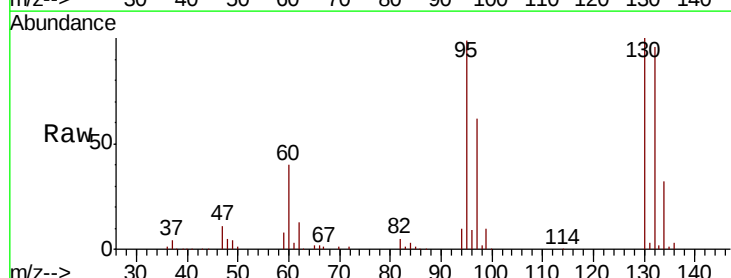
Acq: 09 Oct 2019 09:33

Tgt Ion:130 Resp: 114246

Ion Ratio Lower Upper

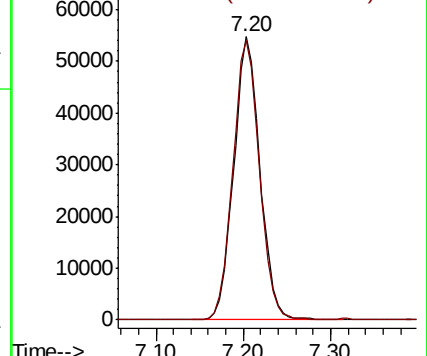
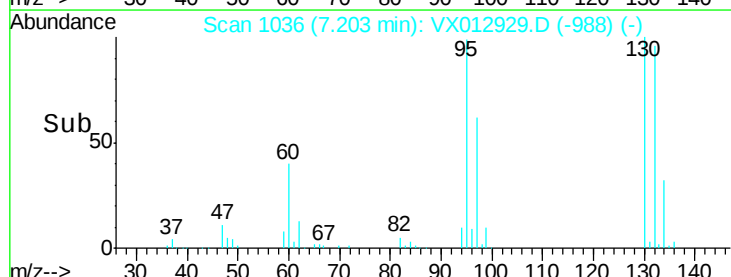
130 100

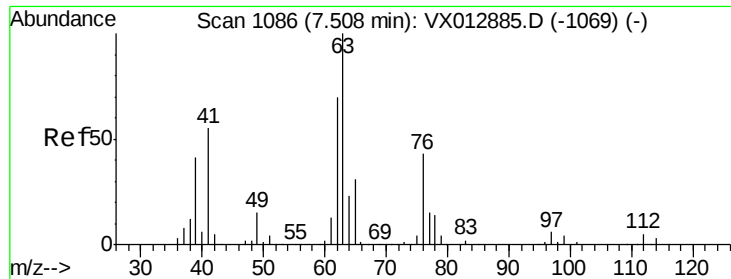
95 98.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VX012885.D (-1027) (-)

Ion 94.90 (94.60 to 95.60): VX012885.D (-1027) (-)

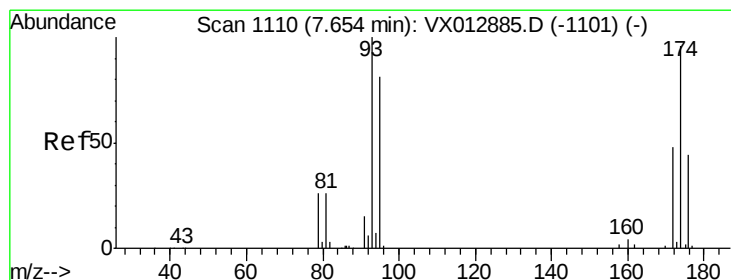
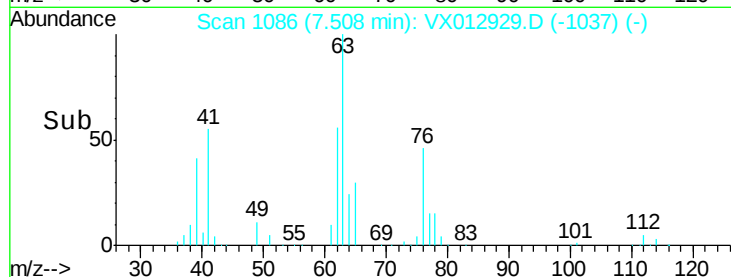
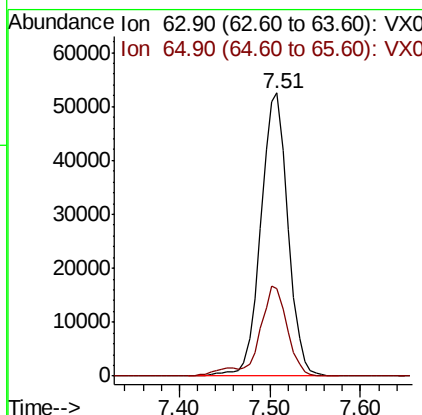
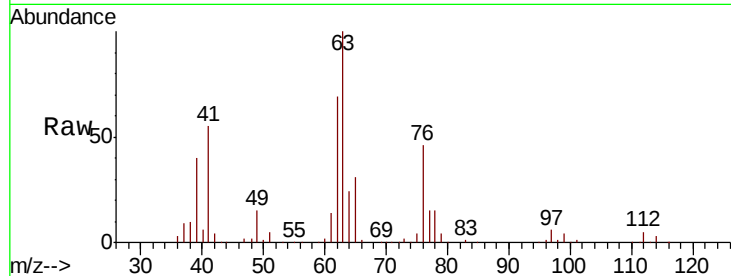




#45
 1,2-Dichloropropane
 Concen: 53.532 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

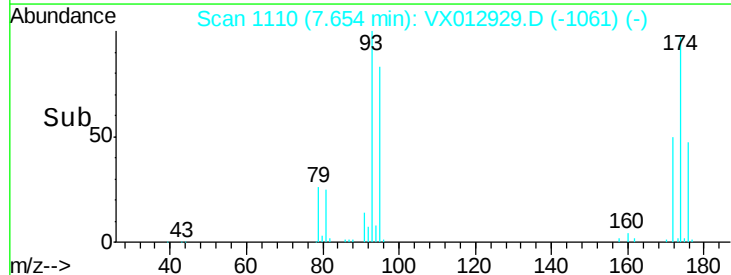
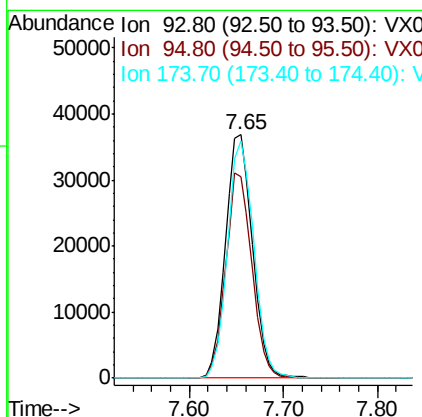
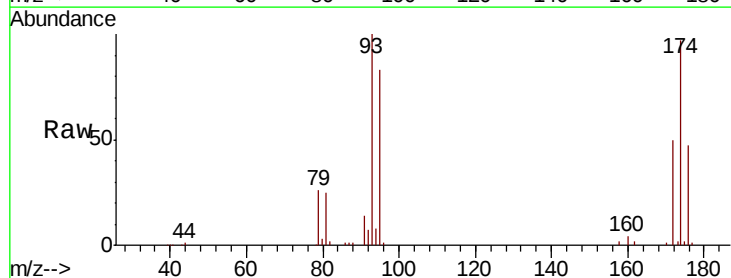
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 108295
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#46
 Dibromomethane
 Concen: 54.410 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Tgt Ion: 93 Resp: 73336
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.3 99.5
 174 95.2 77.8 116.6





#47

Bromodichloromethane

Concen: 54.986 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

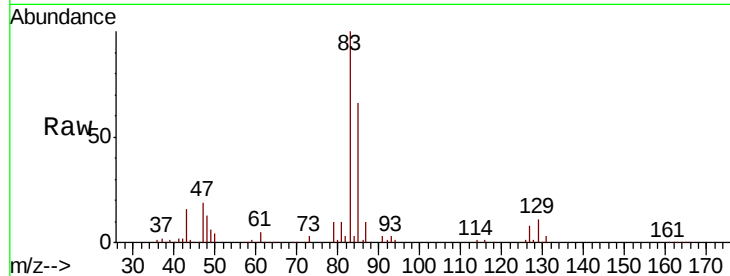
Tot Ion: 83 Resp: 144633

Ion Ratio Lower Upper

83 100

85 66.3 52.4 78.6

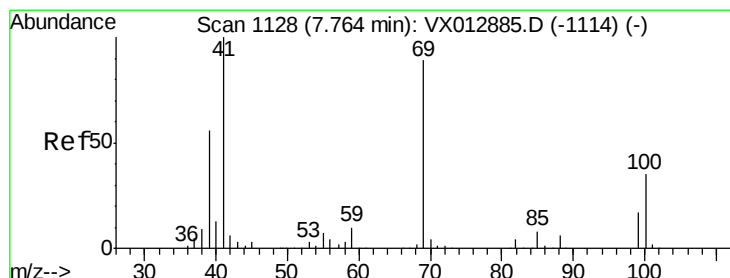
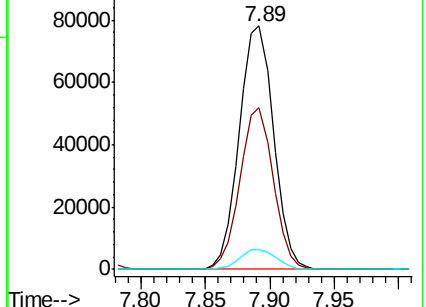
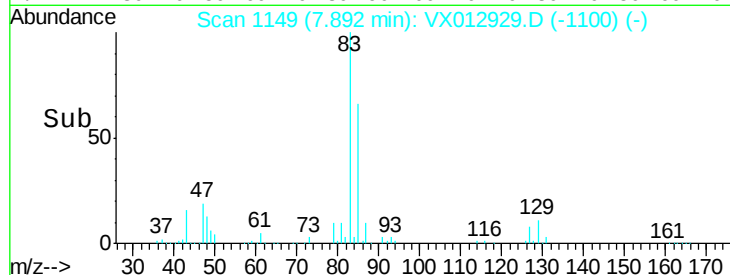
127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.758 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

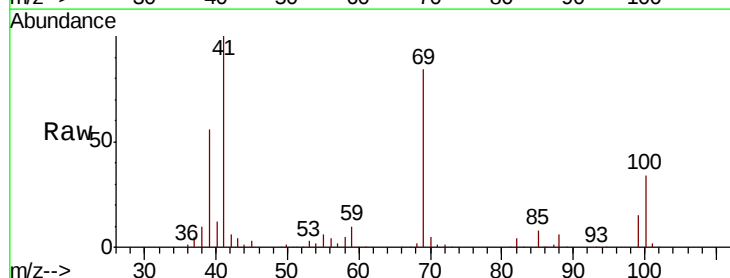
Tgt Ion: 41 Resp: 121654

Ion Ratio Lower Upper

41 100

69 84.6 68.7 103.1

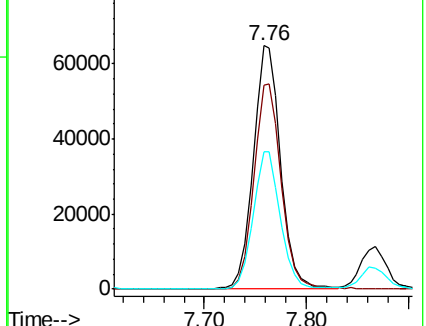
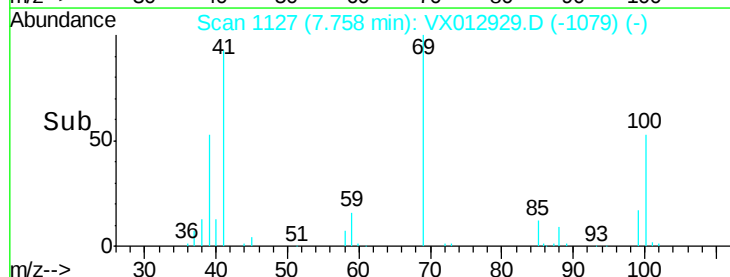
39 56.2 44.3 66.5

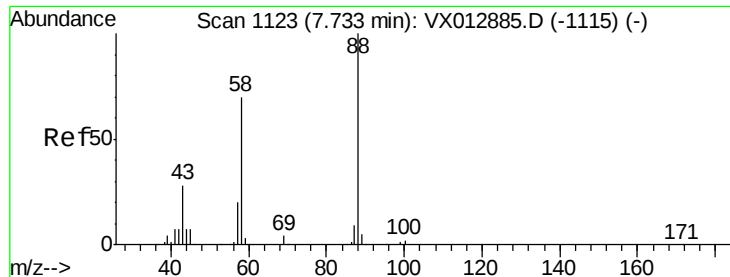


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 888.990 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

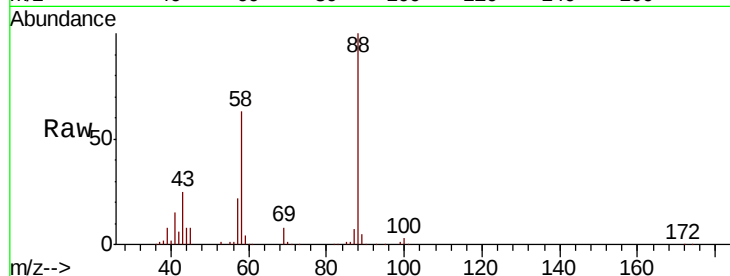
Tot Ion: 88 Resp: 55819

Ion Ratio Lower Upper

88 100

43 31.5 25.0 37.6

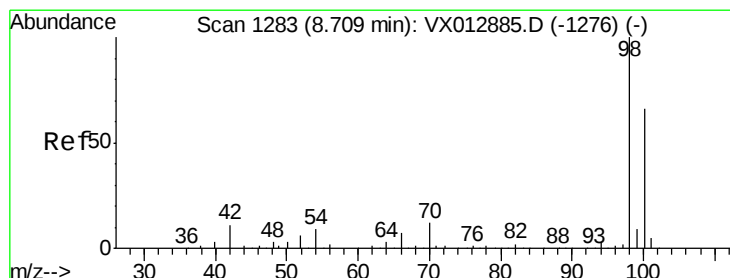
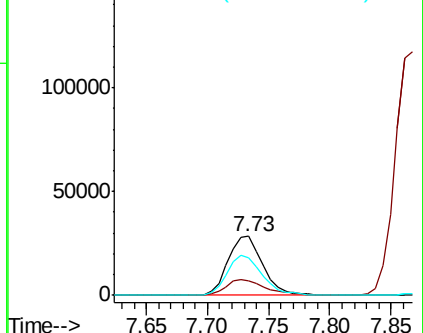
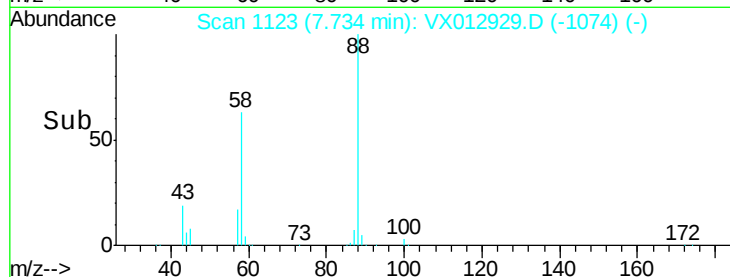
58 69.4 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.244 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012929.D

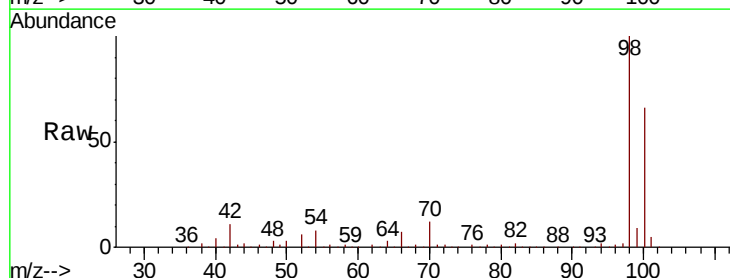
Acq: 09 Oct 2019 09:33

Tgt Ion: 98 Resp: 343800

Ion Ratio Lower Upper

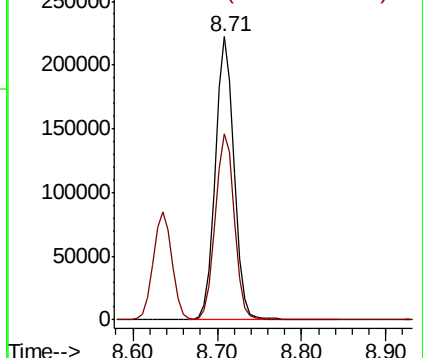
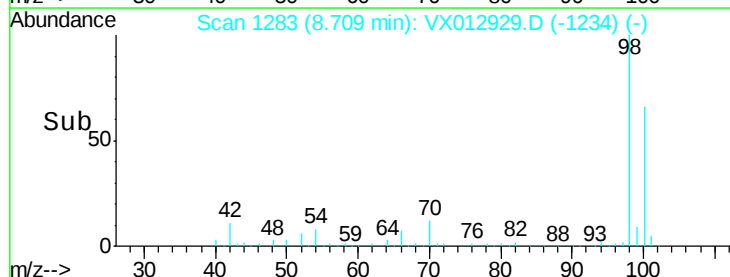
98 100

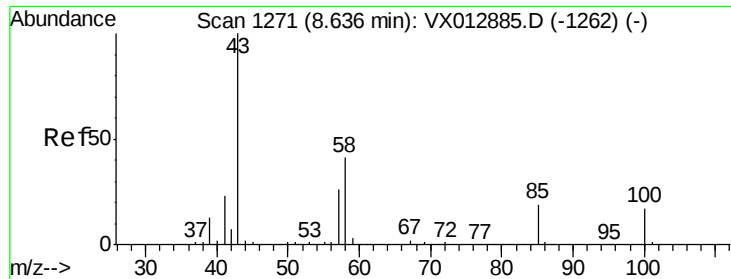
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

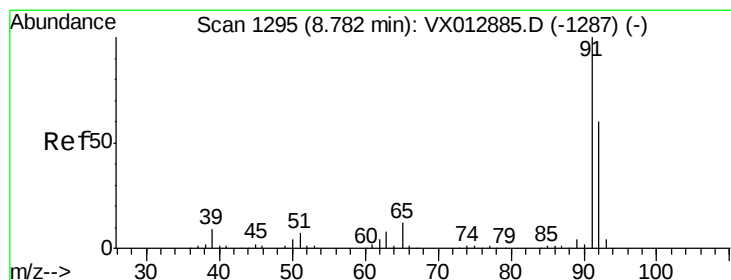
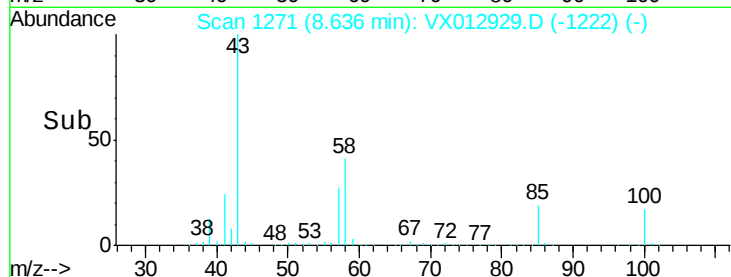
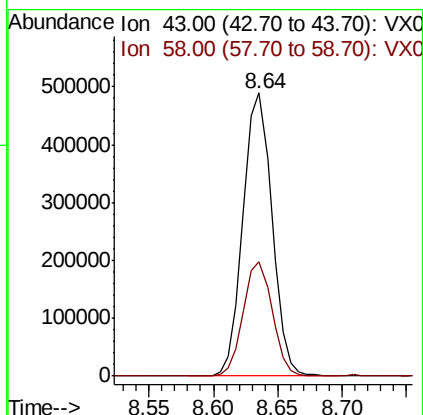
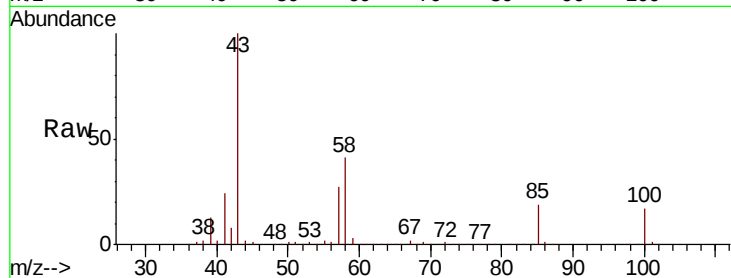




#51
4-Methyl-2-Pentanone
Concen: 253.509 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

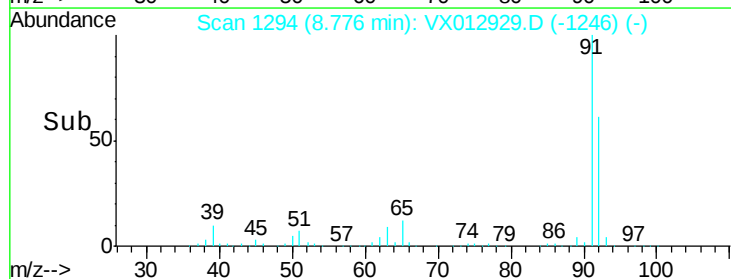
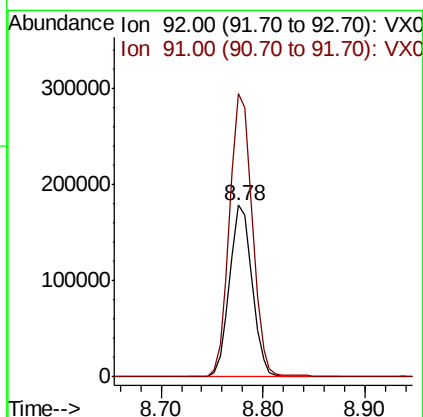
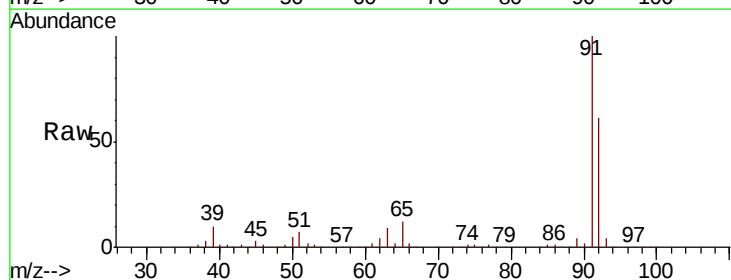
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

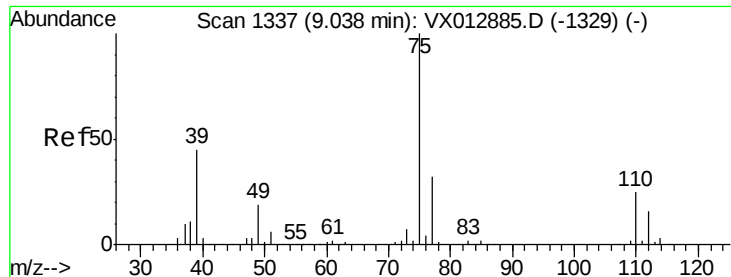
Tot Ion: 43 Resp: 762358
Ion Ratio Lower Upper
43 100
58 40.6 32.4 48.6



#52
Toluene
Concen: 53.879 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 92 Resp: 273602
Ion Ratio Lower Upper
92 100
91 166.9 135.9 203.9

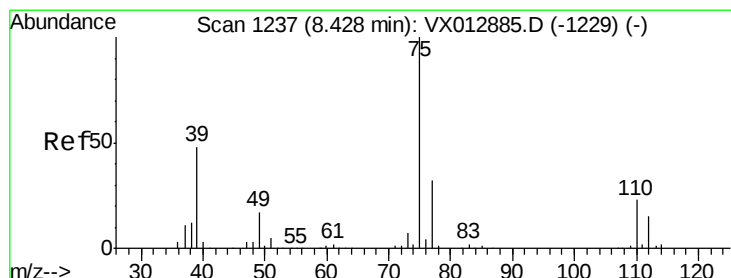
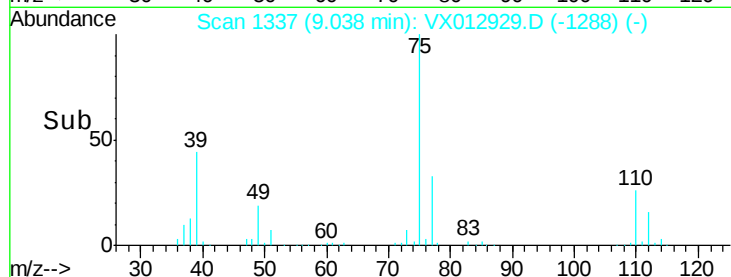
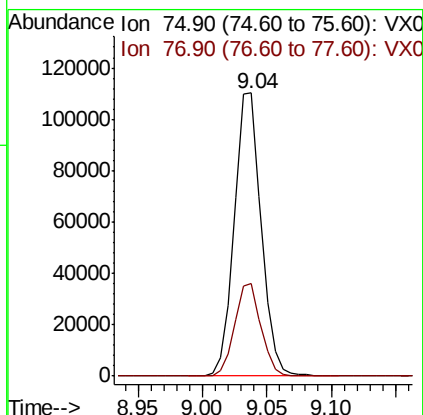
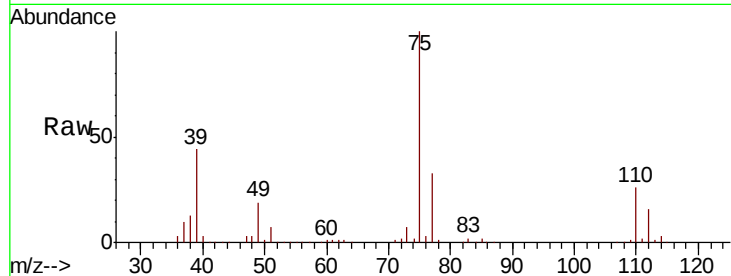




#53
 t-1,3-Dichloropropene
 Concen: 48.949 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

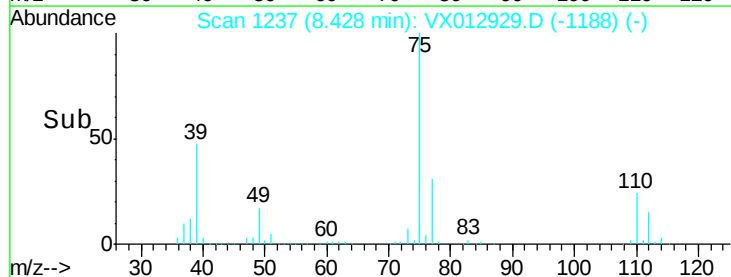
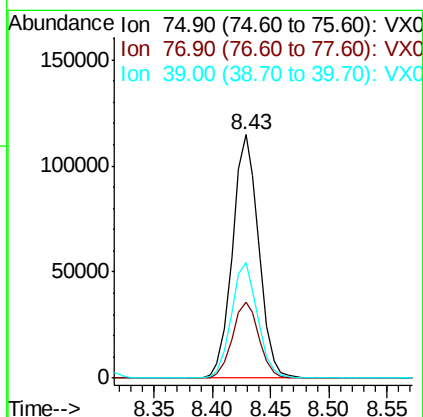
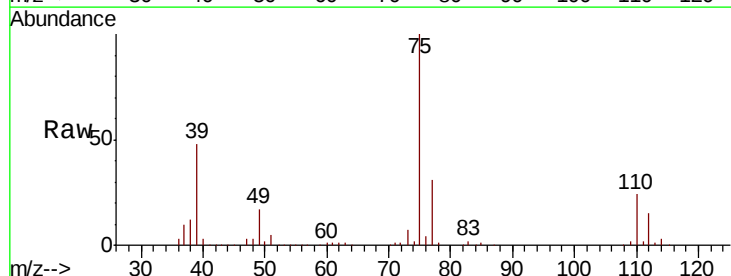
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

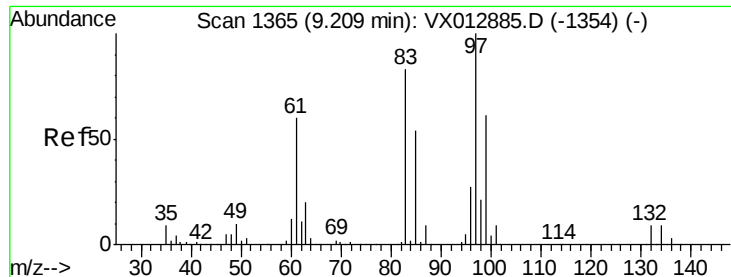
Tot Ion: 75 Resp: 160521
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 55.543 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Tgt Ion: 75 Resp: 179686
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8
 39 47.5 38.2 57.2



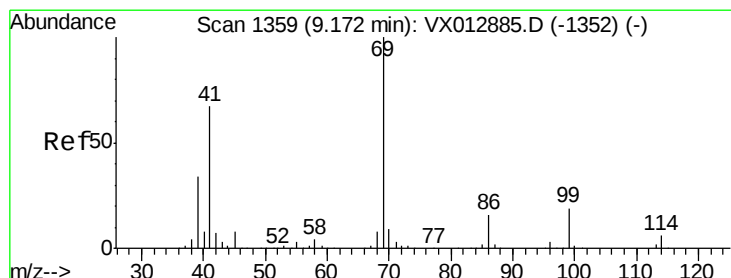
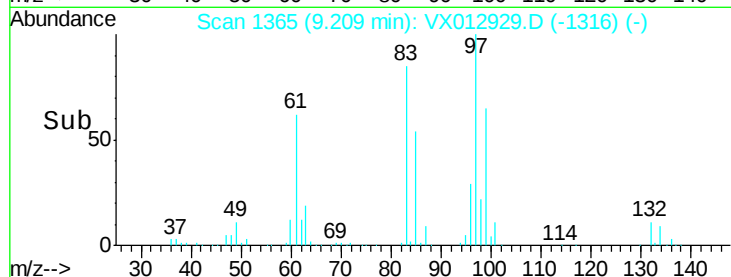
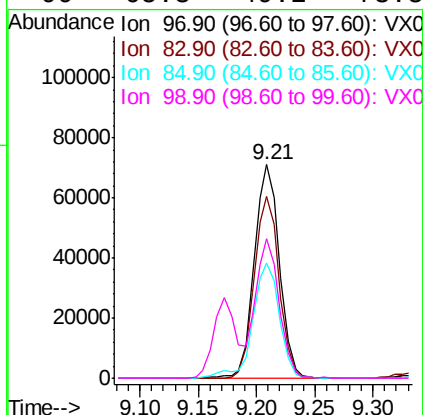
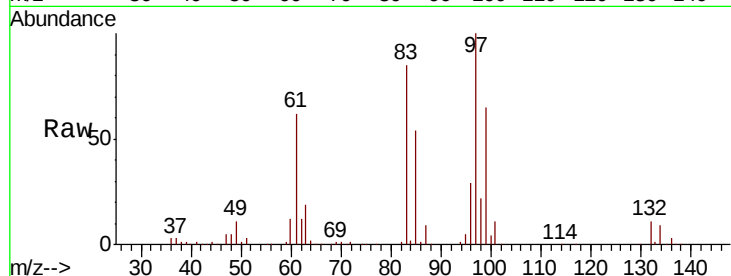


#55
 1,1,2-Trichloroethane
 Concen: 52.880 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 106269

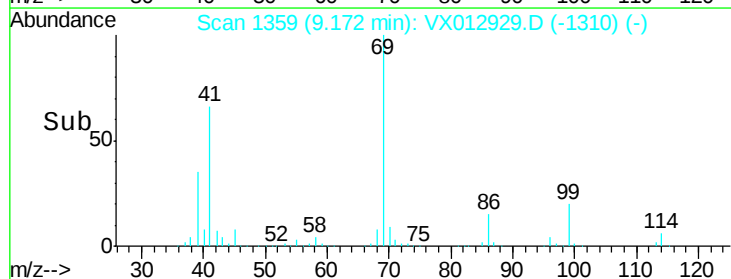
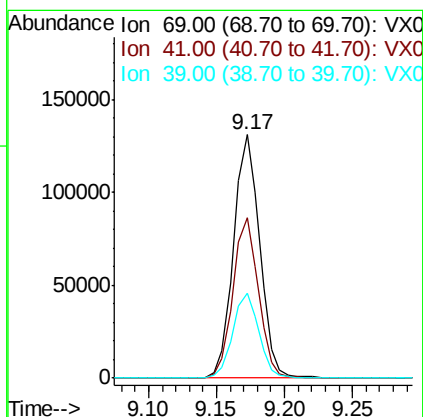
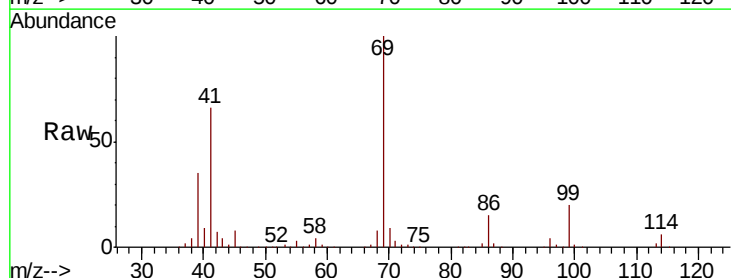
Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.5	99.7
85	53.9	43.1	64.7
99	65.3	49.2	73.8

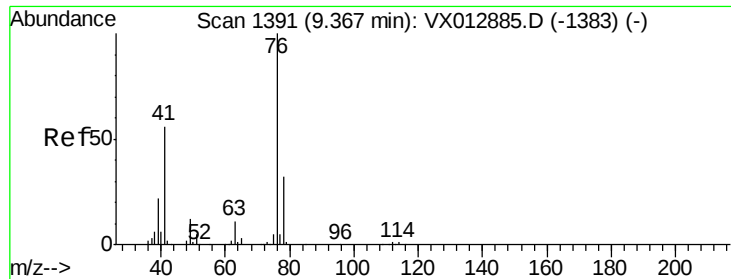


#56
 Ethyl methacrylate
 Concen: 48.789 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Tgt Ion: 69 Resp: 175407

Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.1	78.1
39	35.0	27.8	41.8





#57

1,3-Dichloropropane

Concen: 52.583 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

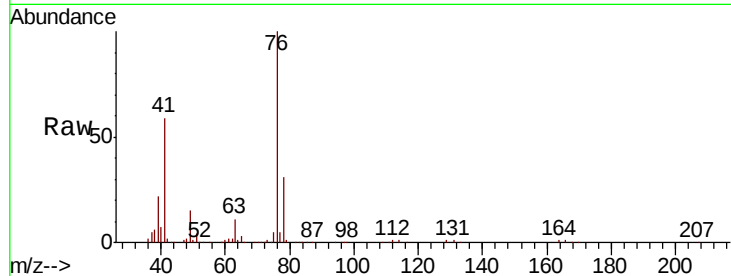
VSTDCCC050

Tot Ion: 76 Resp: 182793

Ion Ratio Lower Upper

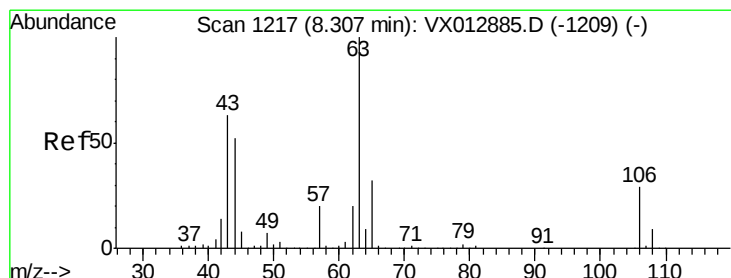
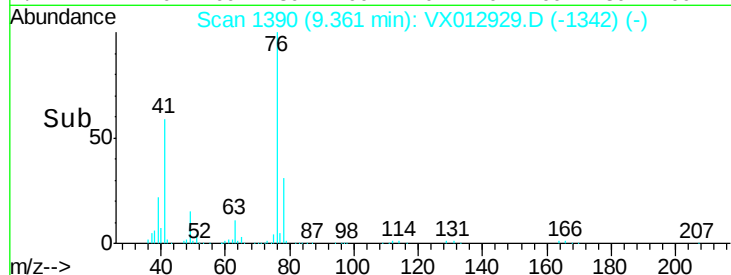
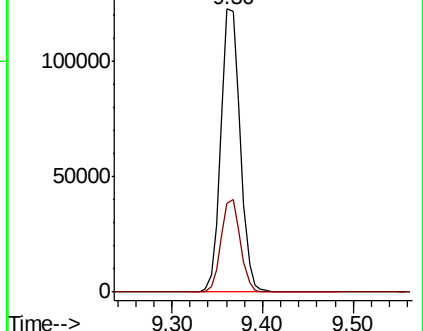
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 270.728 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012929.D

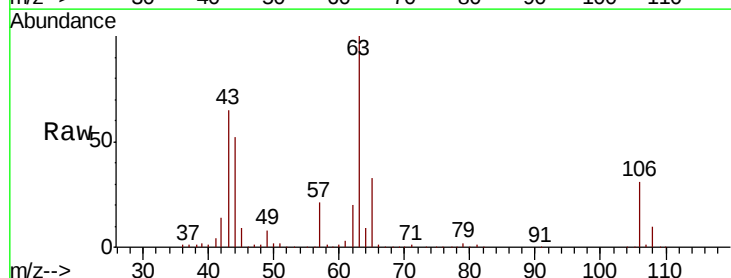
Acq: 09 Oct 2019 09:33

Tgt Ion: 63 Resp: 399676

Ion Ratio Lower Upper

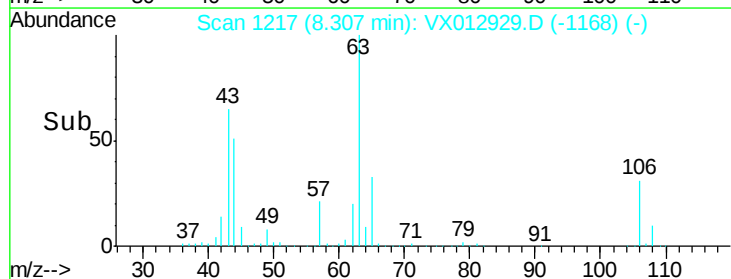
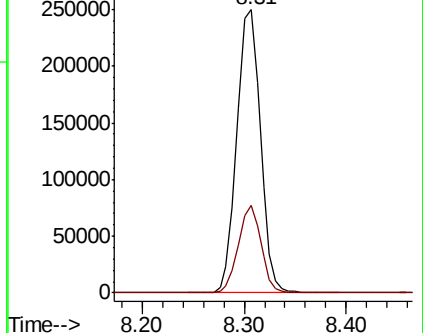
63 100

106 29.9 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

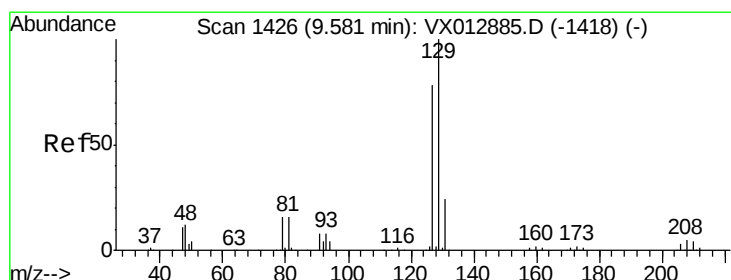
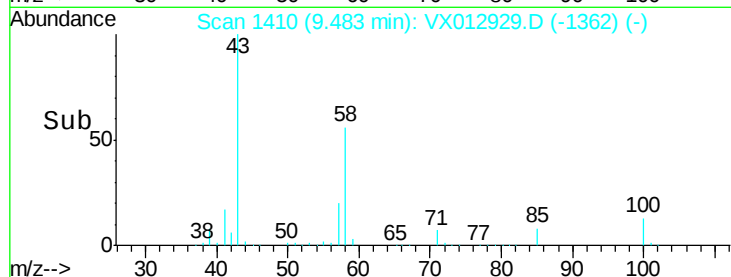
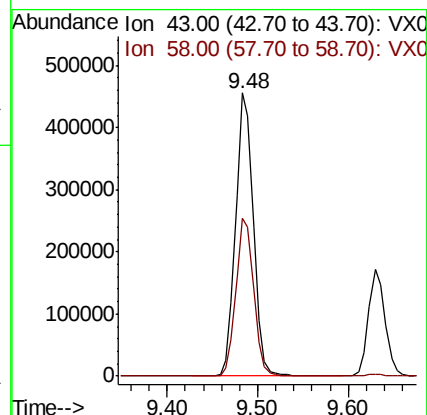
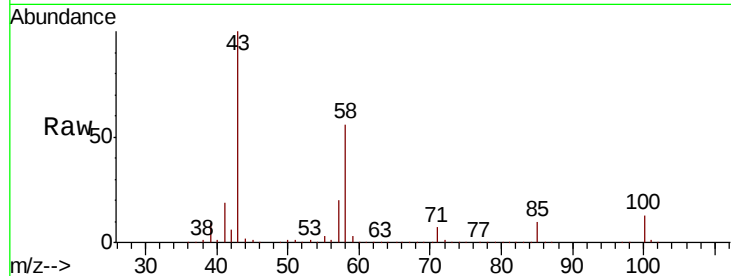




#59
2-Hexanone
Concen: 264.718 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

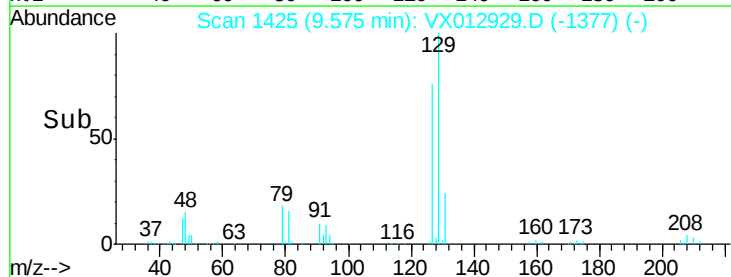
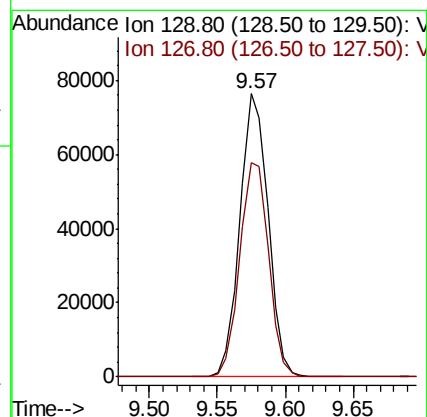
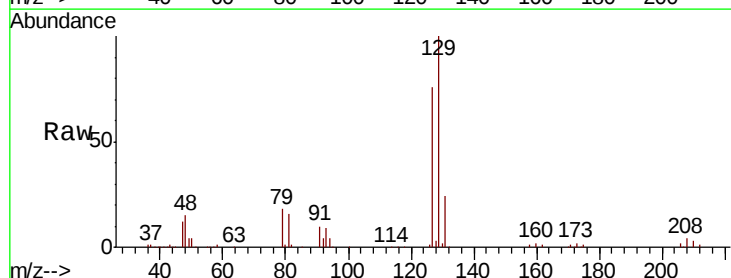
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

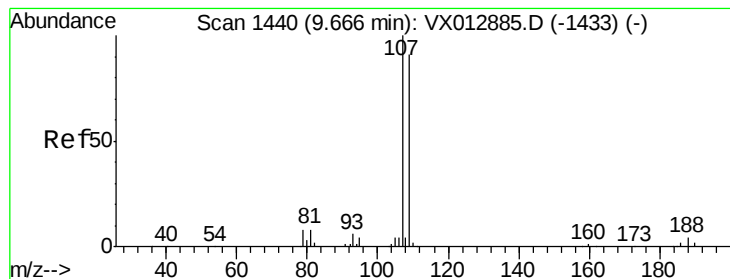
Tot Ion: 43 Resp: 619685
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 49.378 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 129 Resp: 110373
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.475 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

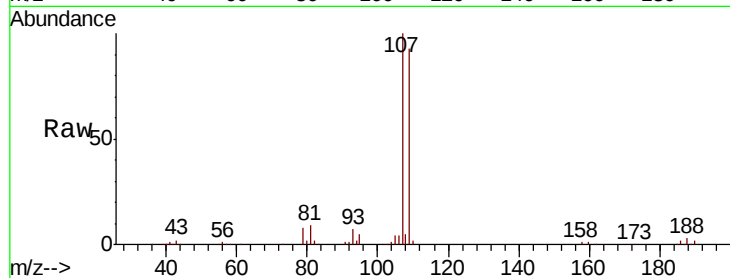
VSTDCCC050

Tot Ion:107 Resp: 113047

Ion Ratio Lower Upper

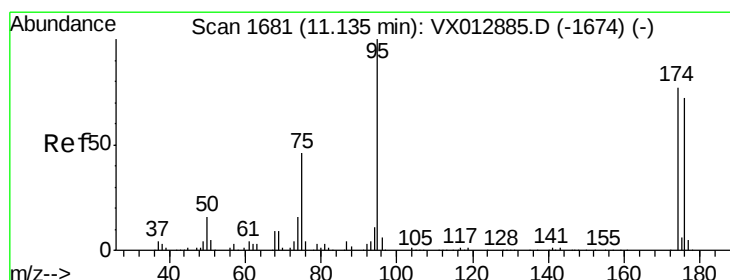
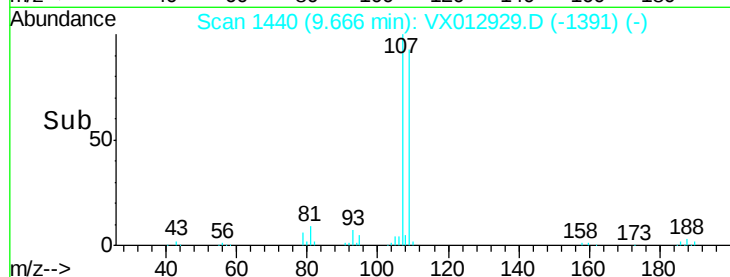
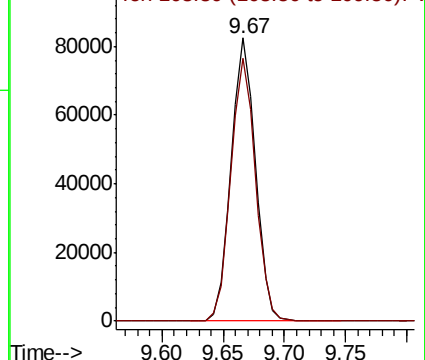
107 100

109 94.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.651 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

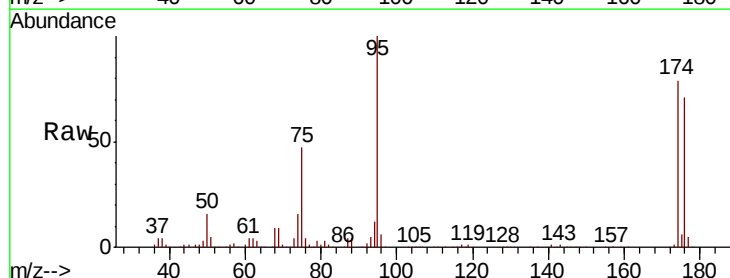
Tgt Ion: 95 Resp: 134668

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.4

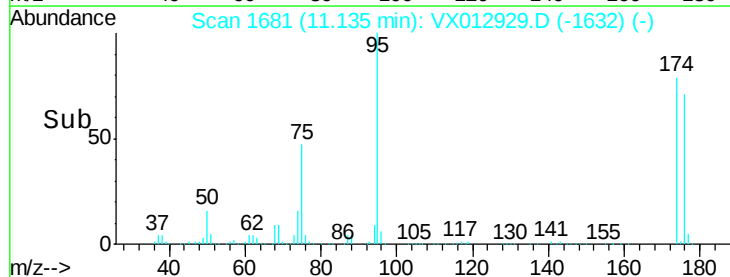
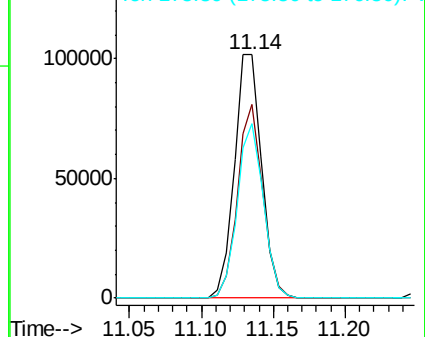
176 68.7 0.0 136.0

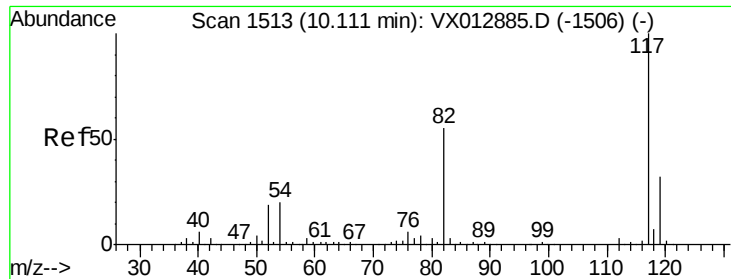


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

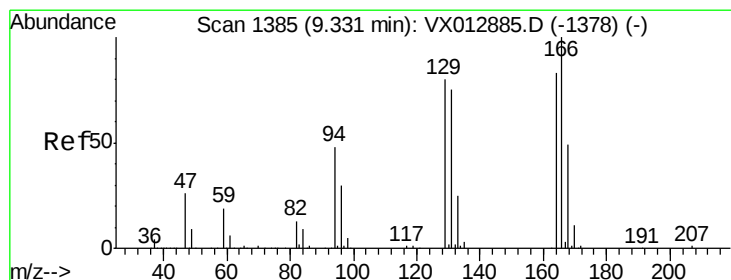
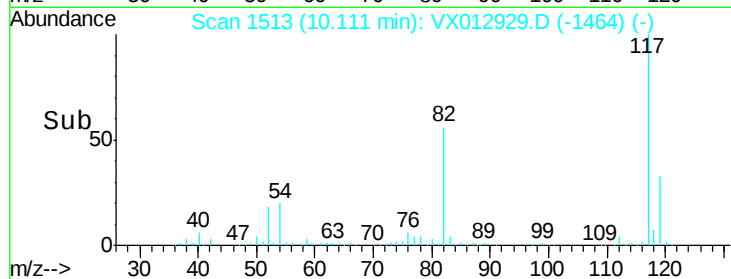
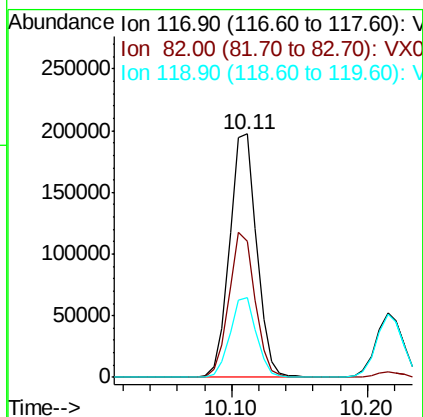
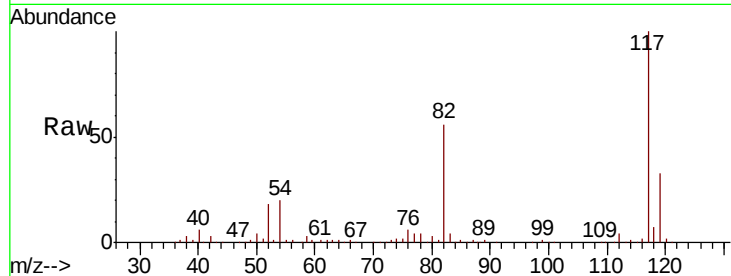




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

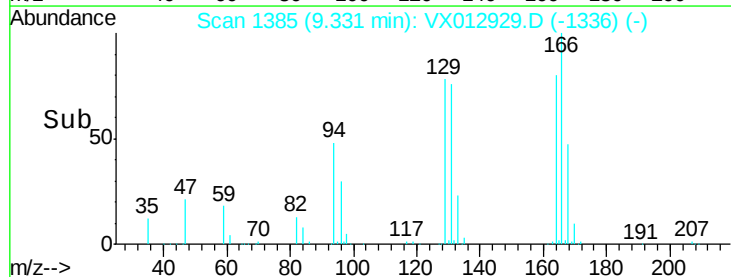
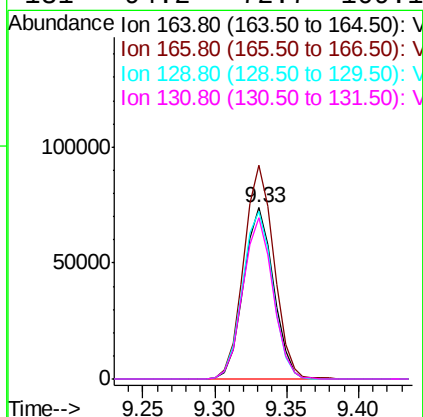
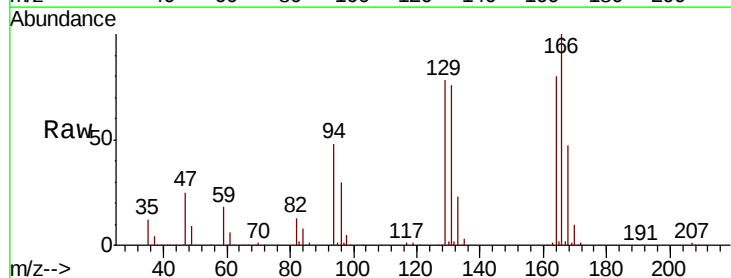
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

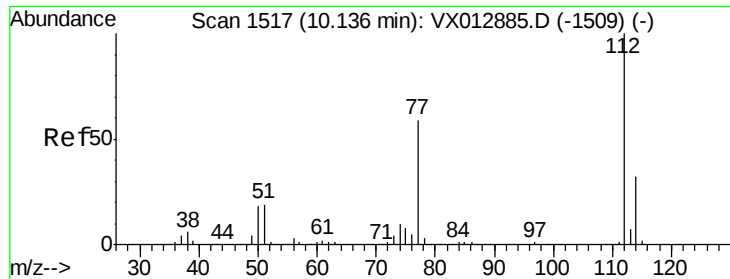
Tot Ion:117 Resp: 273325
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.9 25.8 38.8



#64
Tetrachloroethene
Concen: 55.888 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion:164 Resp: 105951
Ion Ratio Lower Upper
164 100
166 124.8 96.9 145.3
129 97.6 77.9 116.9
131 94.2 72.7 109.1

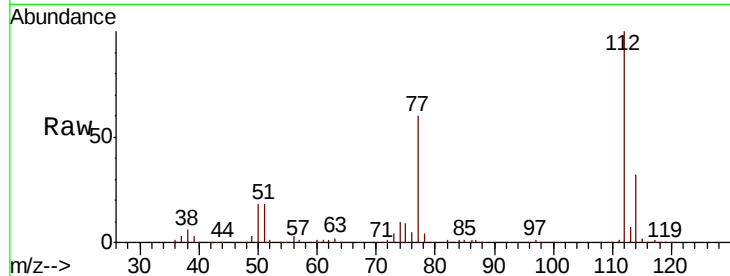




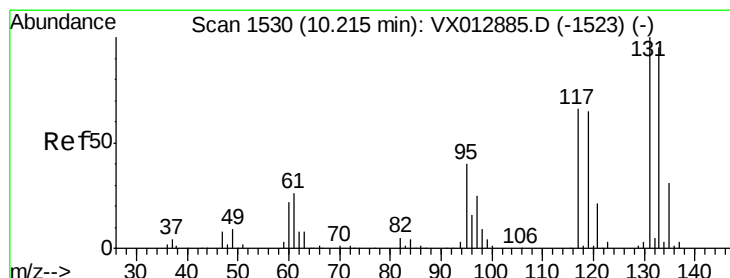
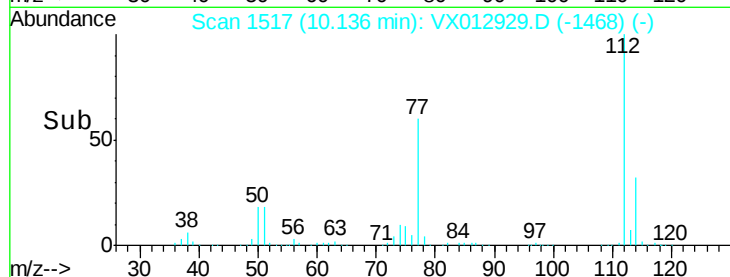
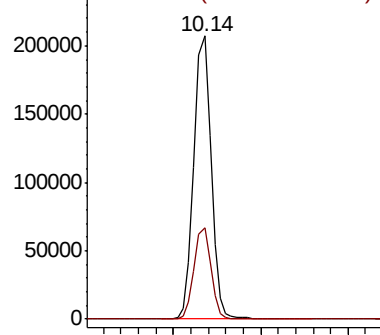
#65
Chlorobenzene
Concen: 52.517 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 285054
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

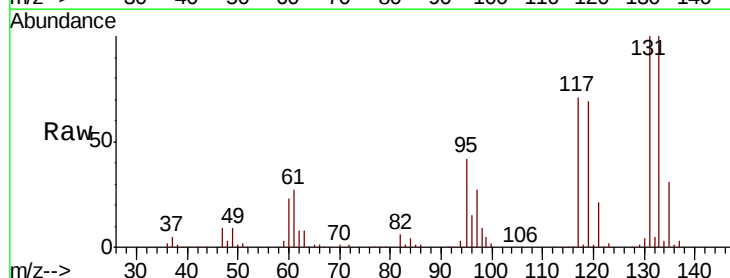


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

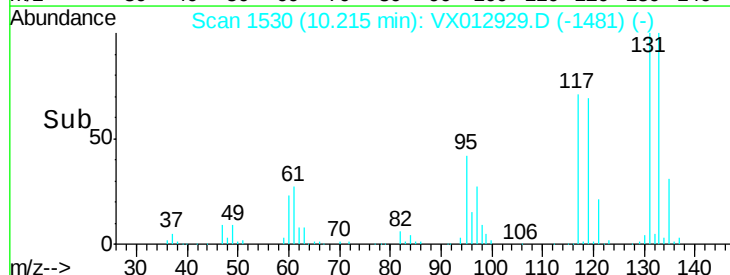
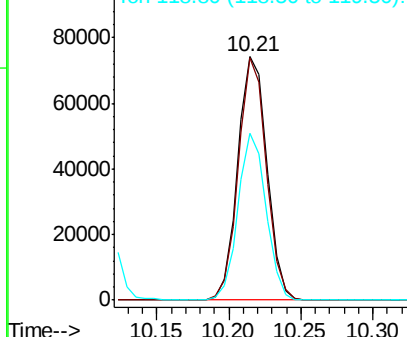


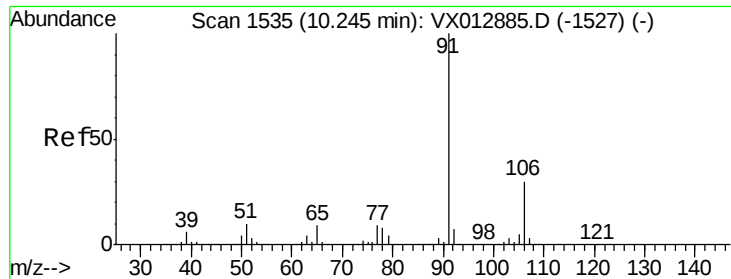
#66
1,1,1,2-Tetrachloroethane
Concen: 55.512 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion:131 Resp: 104470
Ion Ratio Lower Upper
131 100
133 95.4 47.2 141.6
119 66.1 32.6 98.0



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

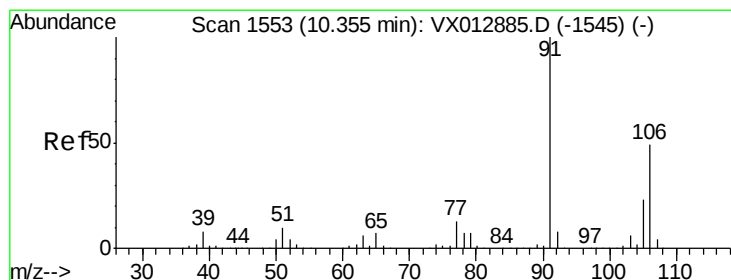
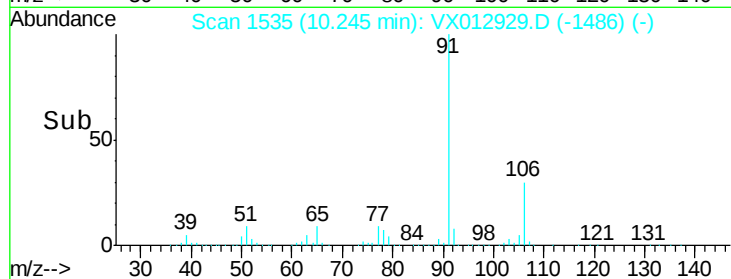
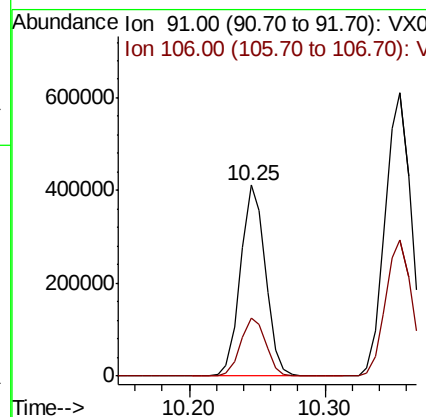
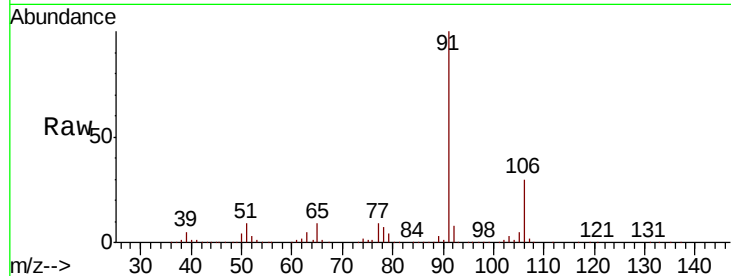




#67
Ethyl Benzene
Concen: 54.667 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

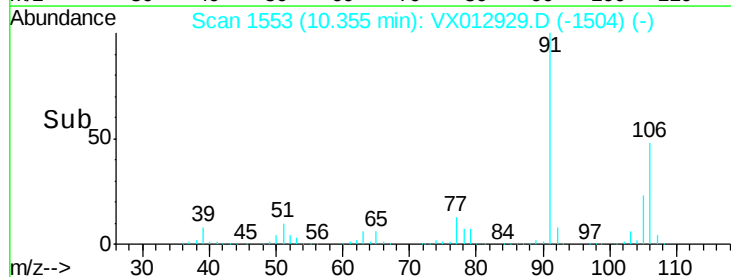
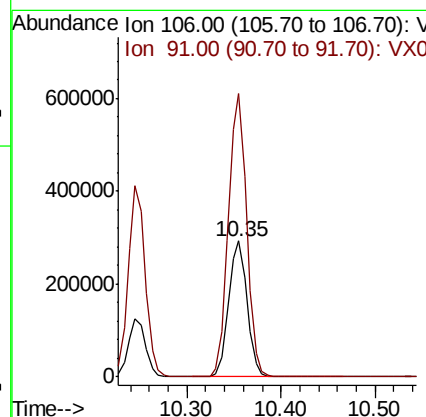
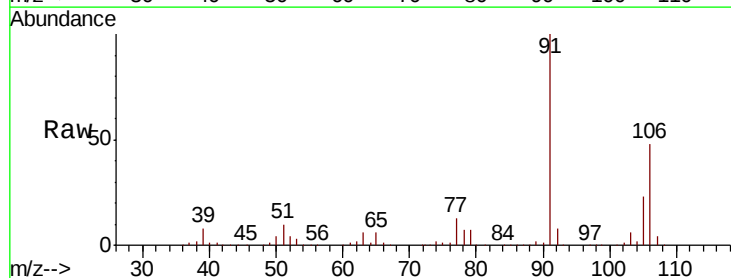
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

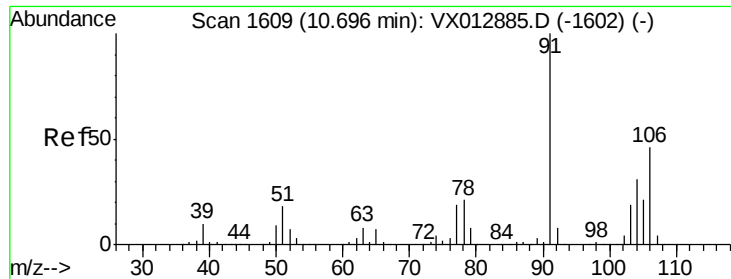
Tot Ion: 91 Resp: 527064
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9



#68
m/p-Xylenes
Concen: 110.327 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 106 Resp: 397379
Ion Ratio Lower Upper
106 100
91 207.0 165.3 247.9

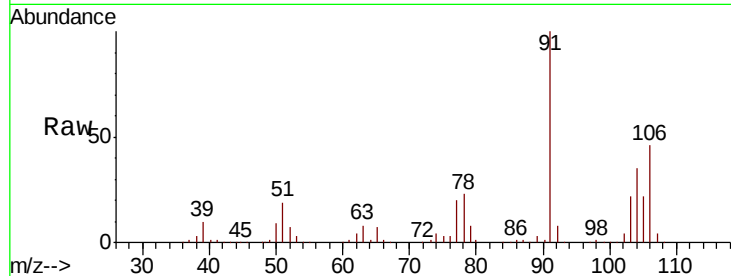




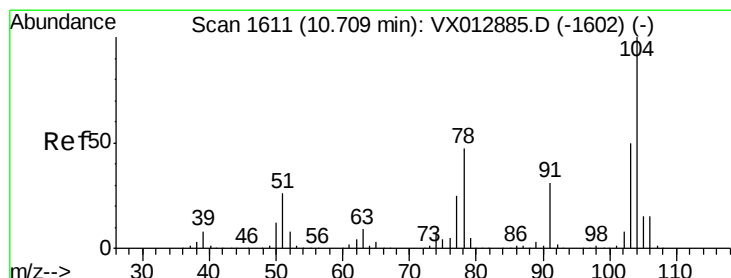
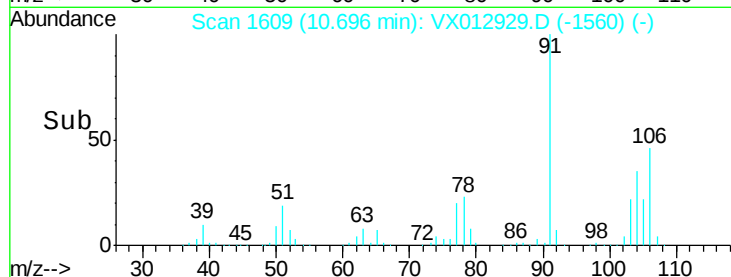
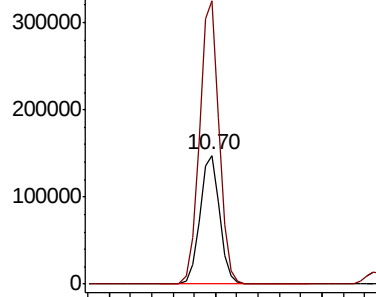
#69
o-Xylene
Concen: 54.407 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 191102
Ion Ratio Lower Upper
106 100
91 217.8 109.1 327.3

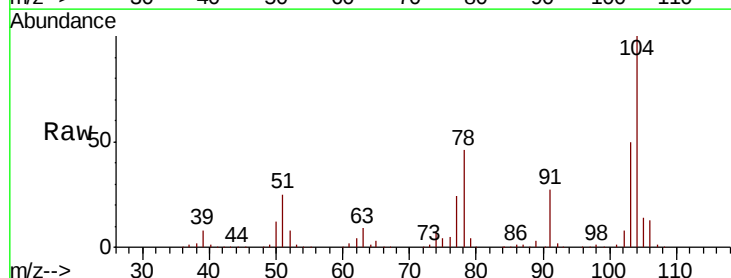


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

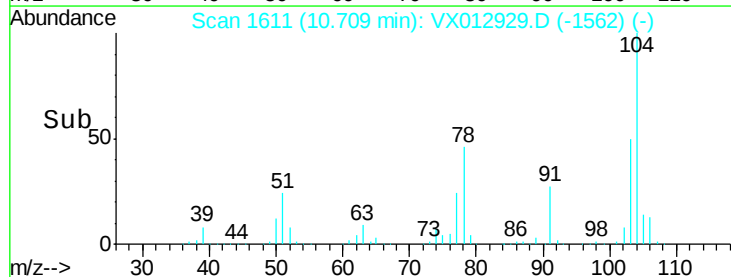
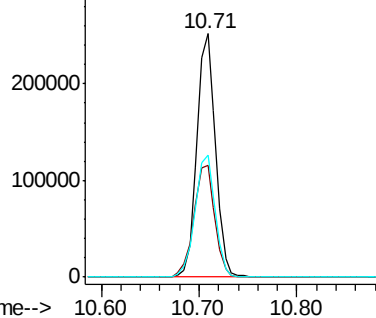


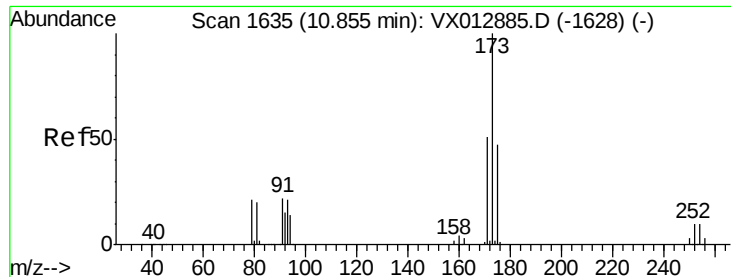
#70
Styrene
Concen: 55.572 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion:104 Resp: 331830
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 54.4 43.0 64.4



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





#71

Bromoform

Concen: 47.189 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

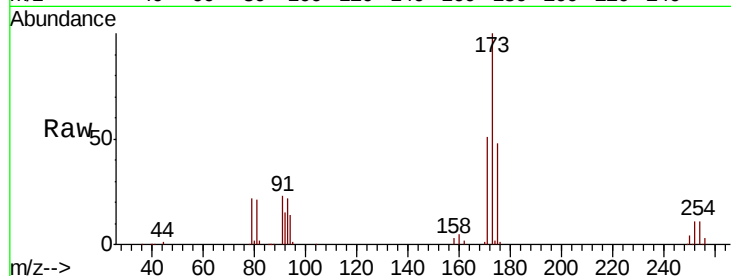
Tot Ion:173 Resp: 75354

Ion Ratio Lower Upper

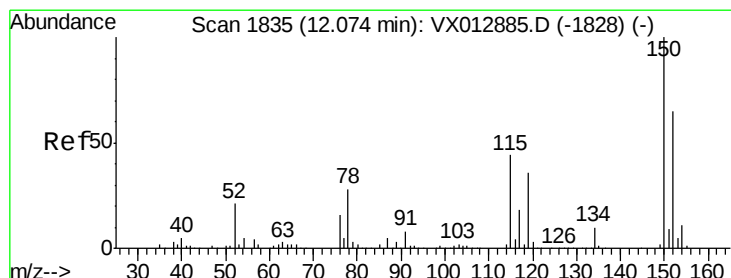
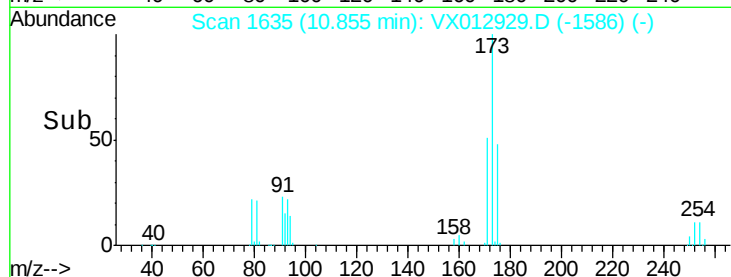
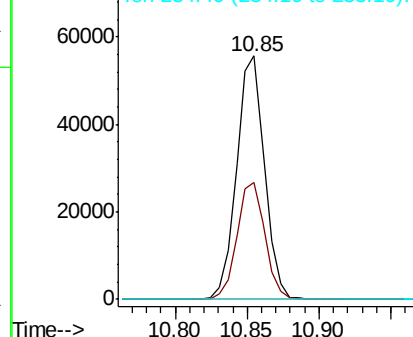
173 100

175 48.1 24.1 72.3

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

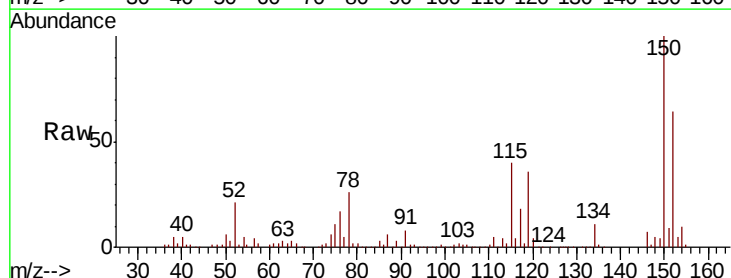
Tgt Ion:152 Resp: 130134

Ion Ratio Lower Upper

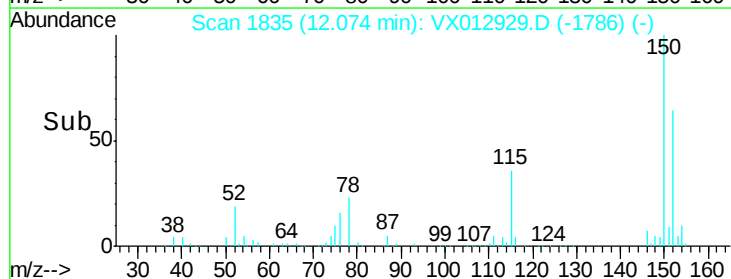
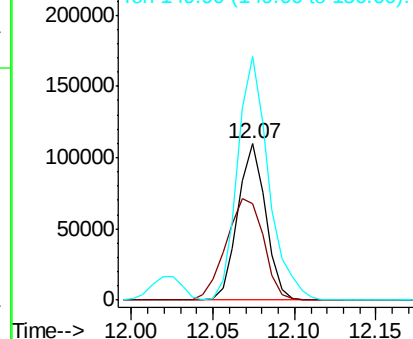
152 100

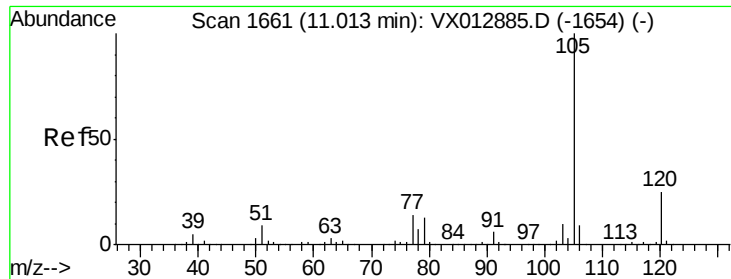
115 88.4 44.5 133.5

150 174.0 0.0 353.4



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

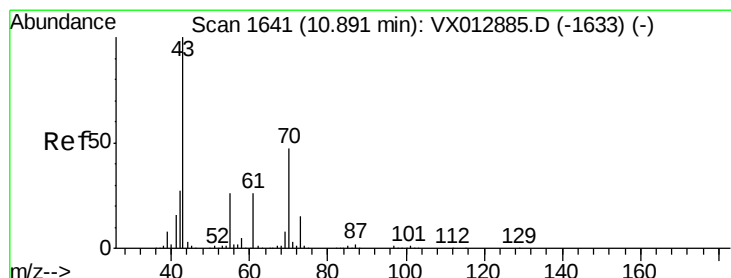
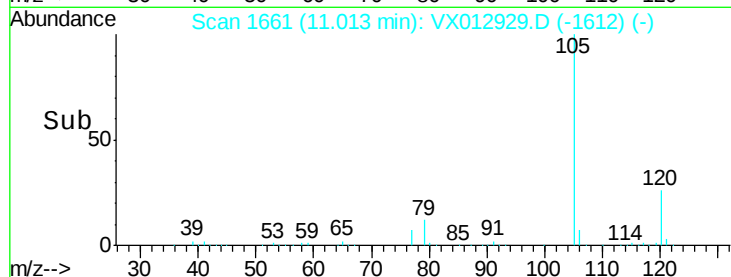
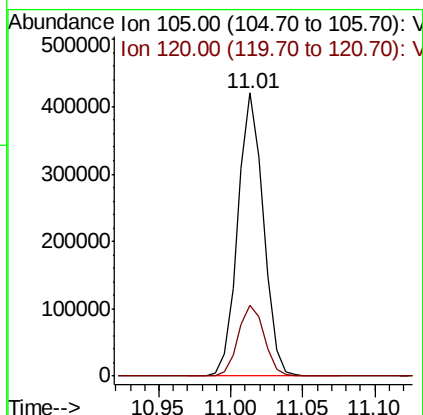
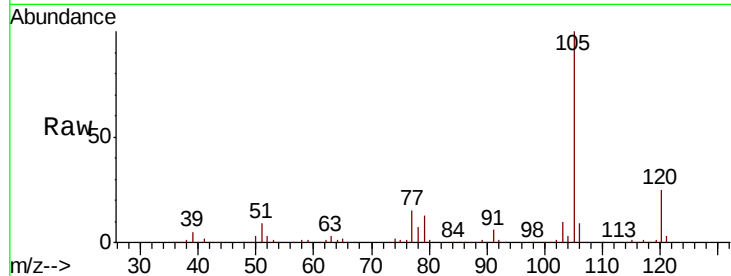




#73
Isopropylbenzene
Concen: 54.280 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

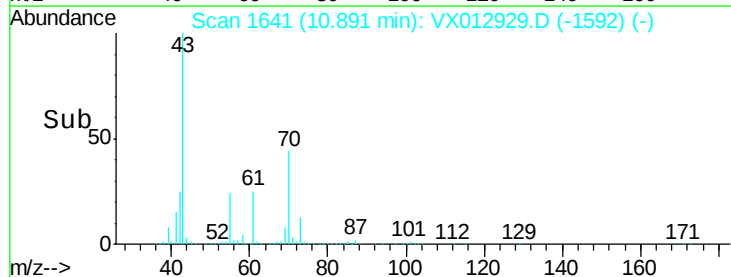
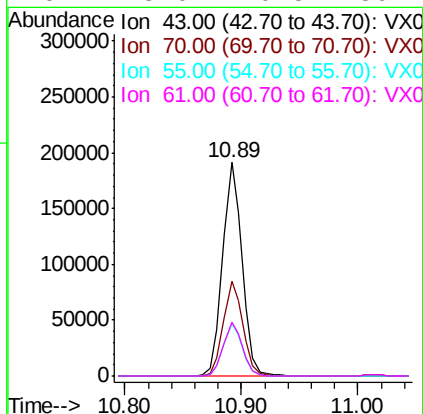
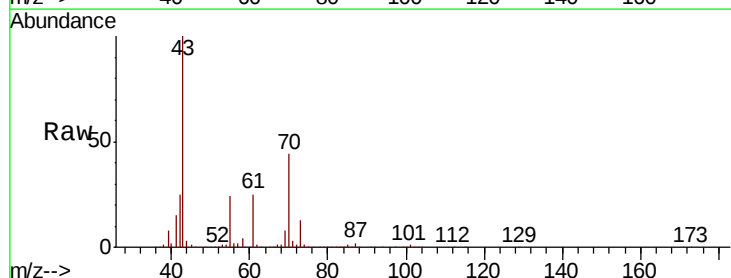
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

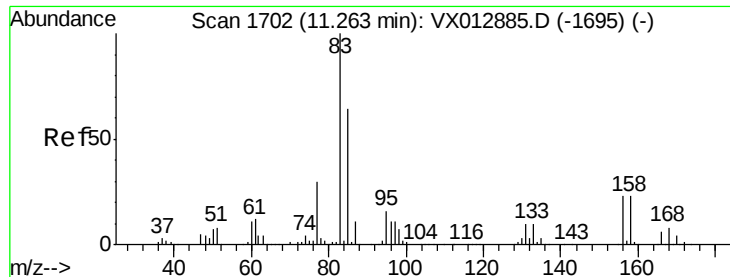
Tot Ion:105 Resp: 519331
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0



#74
N-ethyl acetate
Concen: 53.326 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 43 Resp: 219733
Ion Ratio Lower Upper
43 100
70 44.6 36.4 54.6
55 24.6 20.2 30.2
61 25.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.062 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

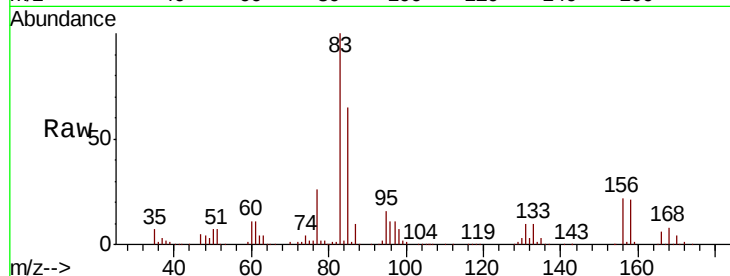
Tot Ion: 83 Resp: 162490

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

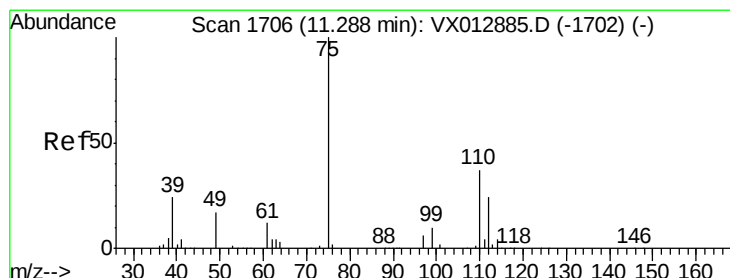
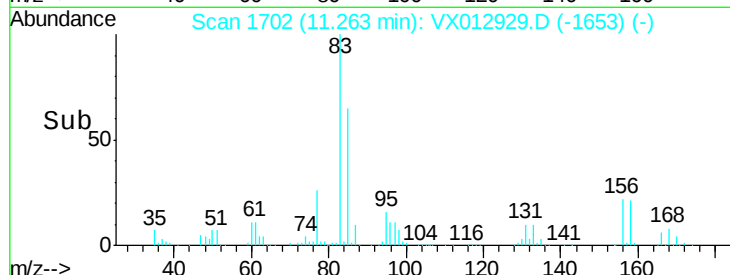
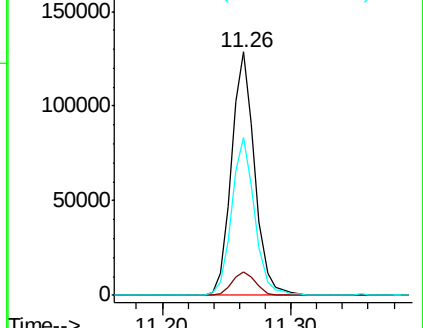
85 64.2 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.381 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012929.D

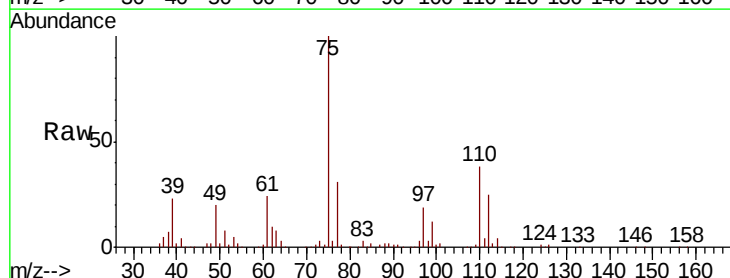
Acq: 09 Oct 2019 09:33

Tgt Ion: 75 Resp: 191598

Ion Ratio Lower Upper

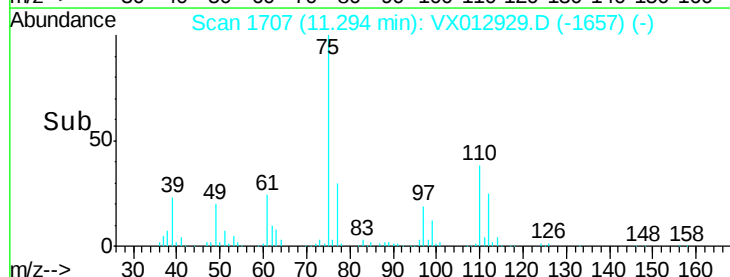
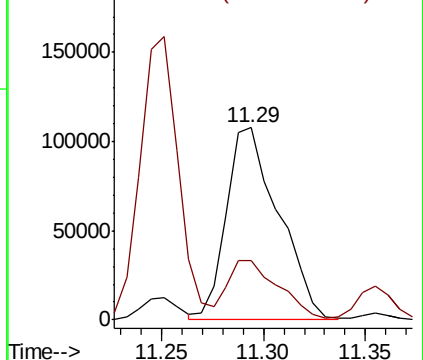
75 100

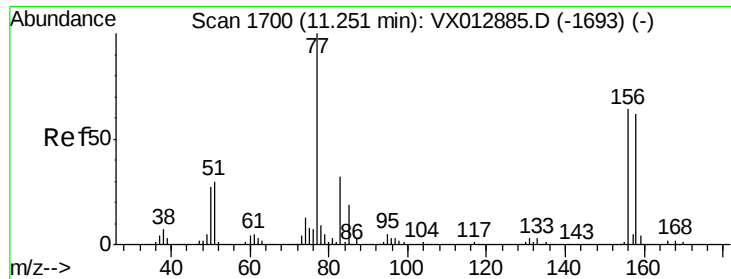
77 30.1 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.037 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

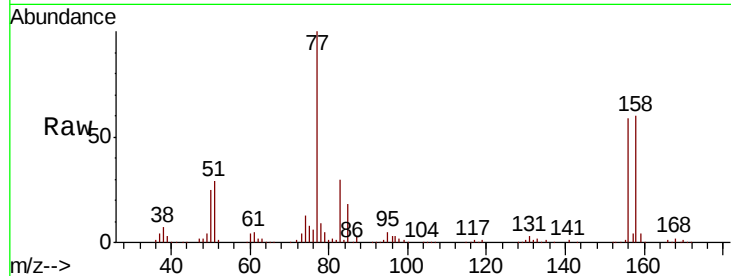
Tot Ion:156 Resp: 117322

Ion Ratio Lower Upper

156 100

77 176.4 83.7 251.0

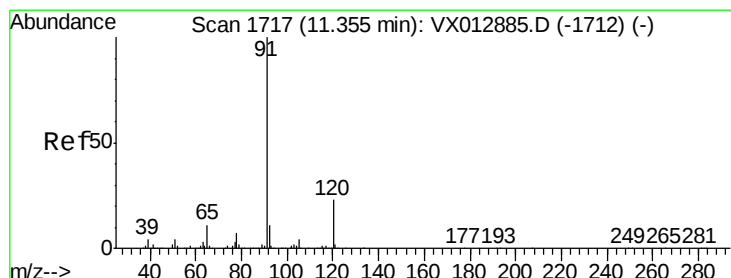
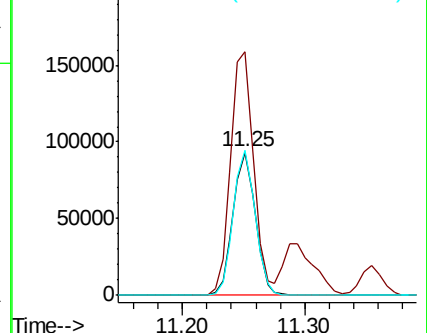
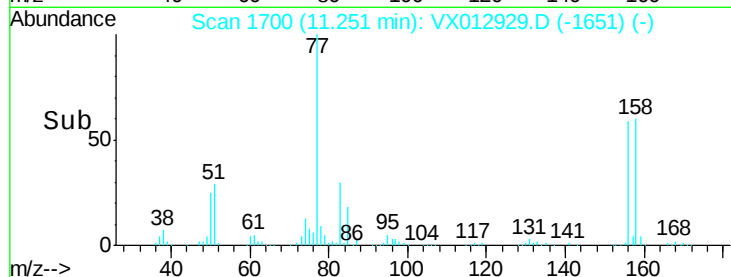
158 100.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.537 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012929.D

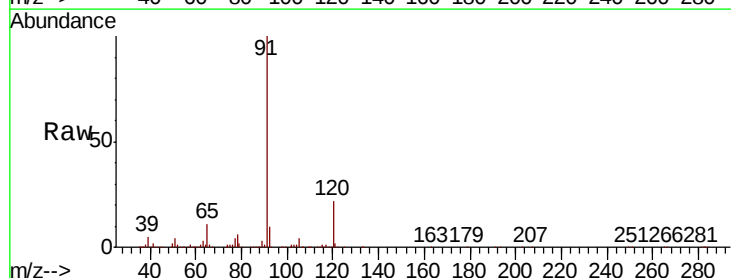
Acq: 09 Oct 2019 09:33

Tgt Ion: 91 Resp: 584690

Ion Ratio Lower Upper

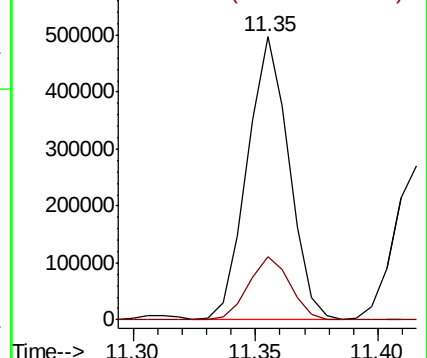
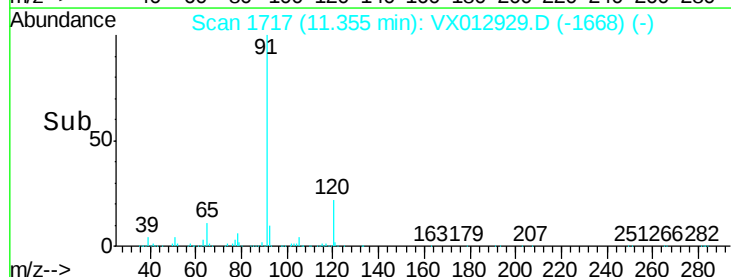
91 100

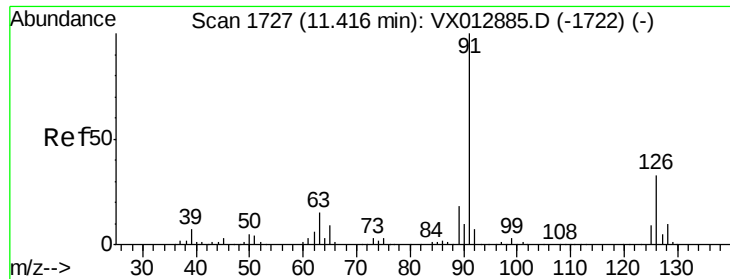
120 22.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

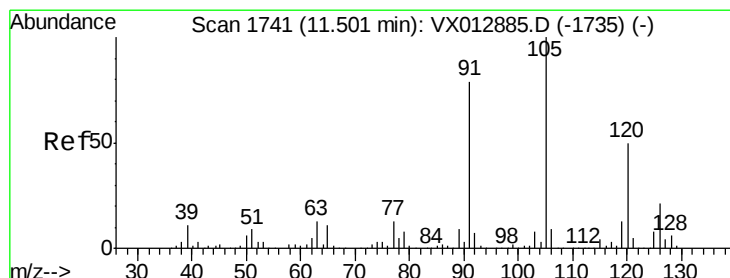
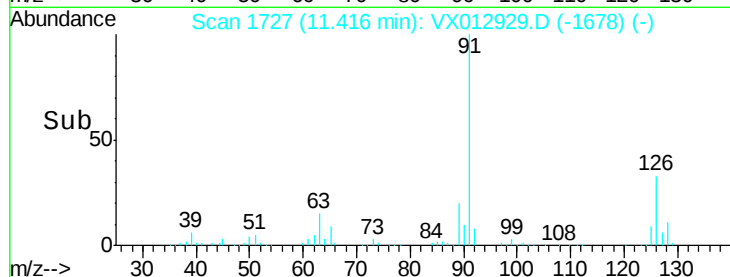
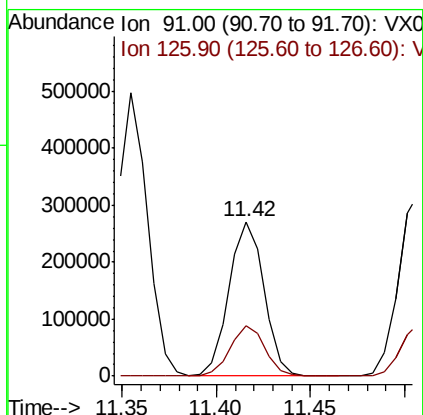
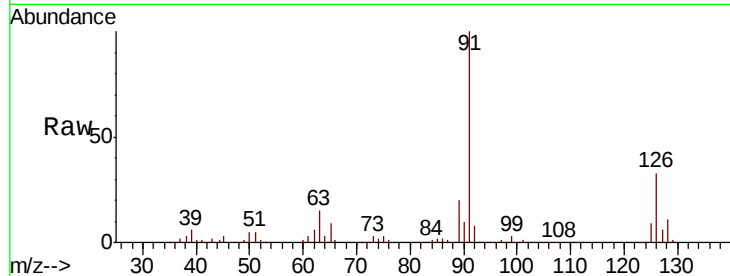




#79
 2-Chlorotoluene
 Concen: 52.419 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

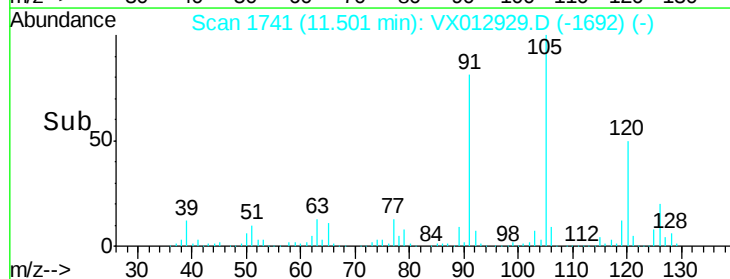
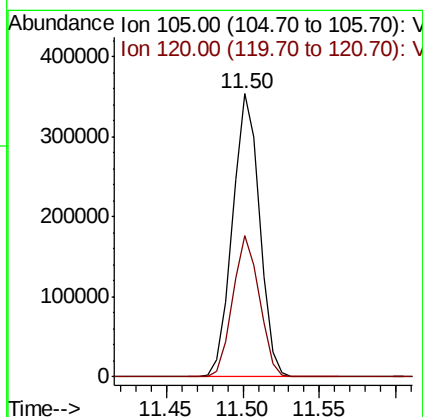
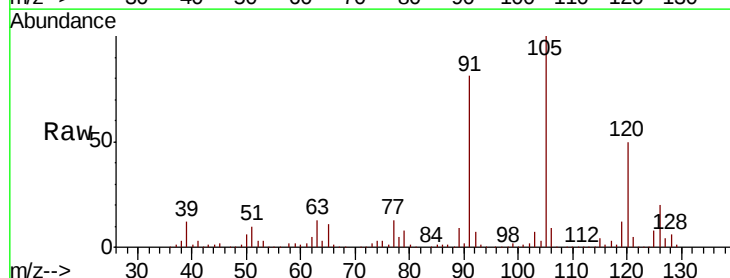
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

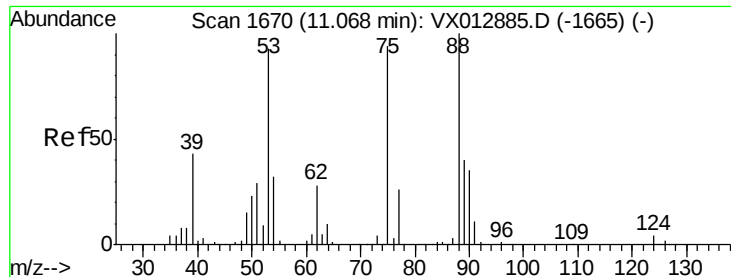
Tot Ion: 91 Resp: 346834
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 54.091 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Tgt Ion: 105 Resp: 432138
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 47.710 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

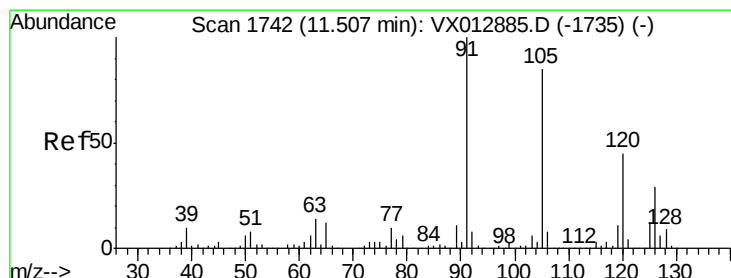
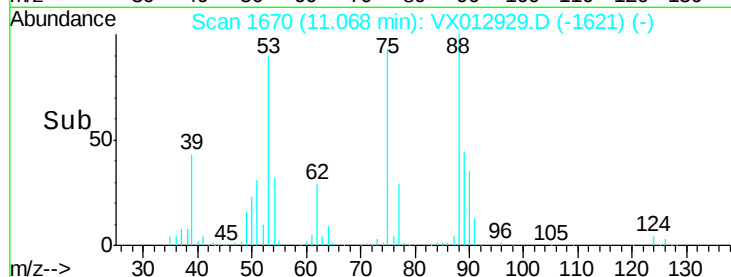
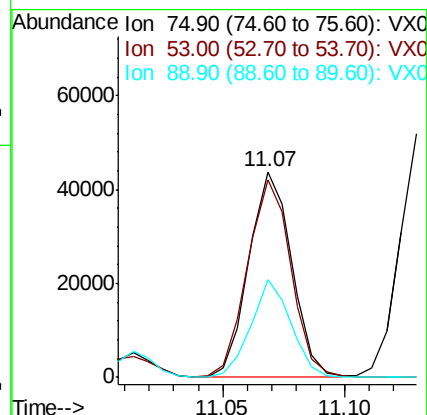
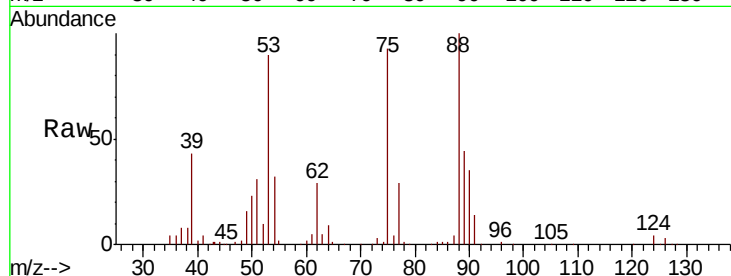
Tot Ion: 75 Resp: 53324

Ion Ratio Lower Upper

75 100

53 97.7 78.5 117.7

89 45.0 37.4 56.2



#82

4-Chlorotoluene

Concen: 53.529 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012929.D

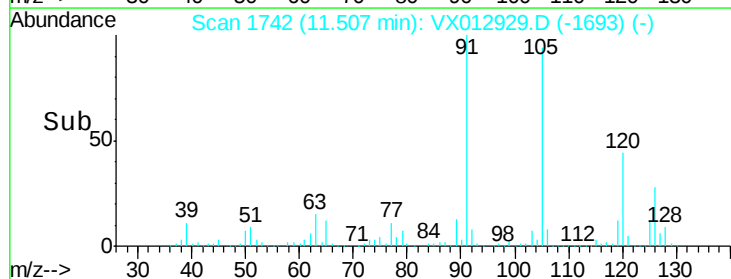
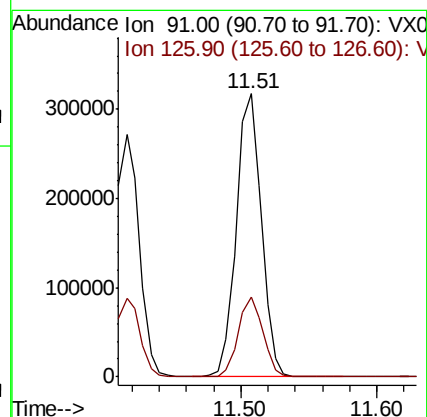
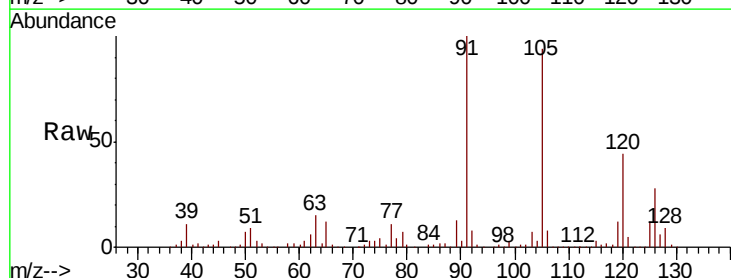
Acq: 09 Oct 2019 09:33

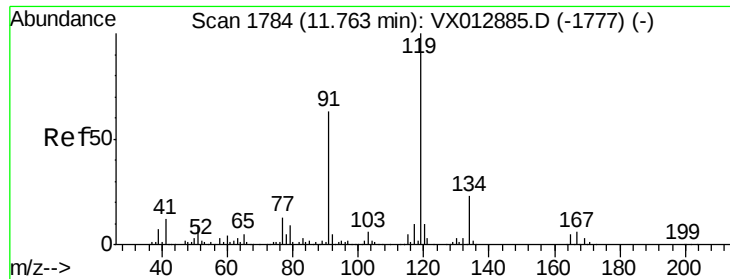
Tgt Ion: 91 Resp: 405955

Ion Ratio Lower Upper

91 100

126 27.9 14.2 42.6

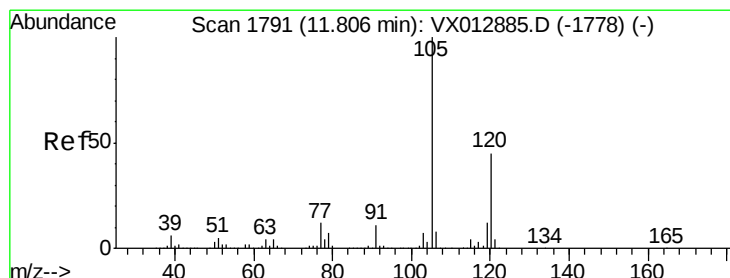
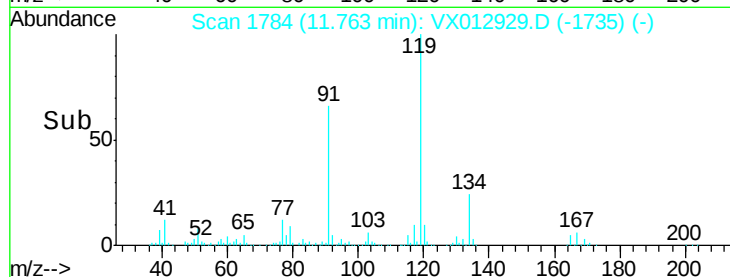
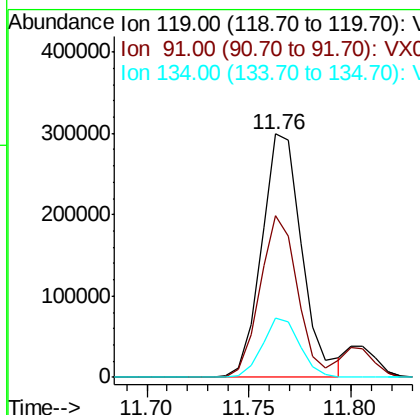
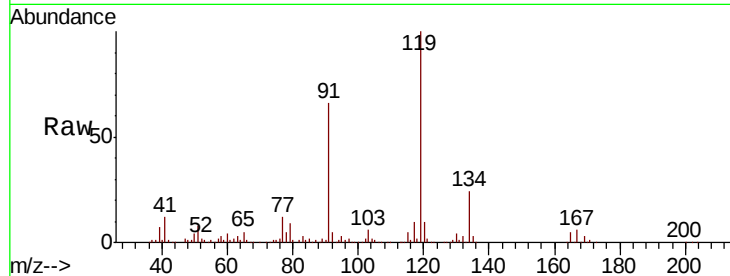




#83
tert-Butylbenzene
Concen: 52.845 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

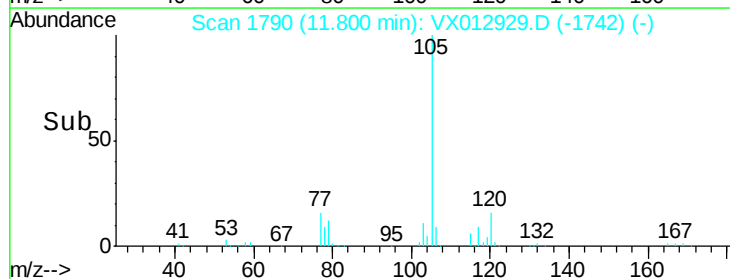
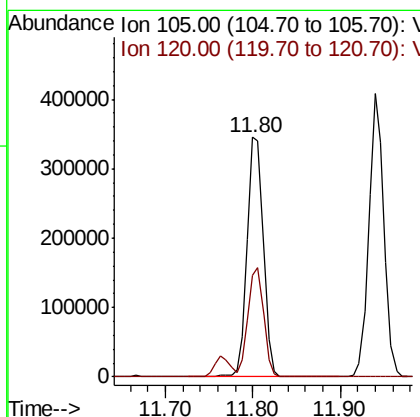
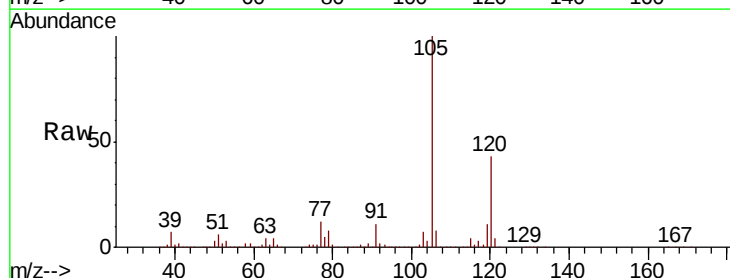
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

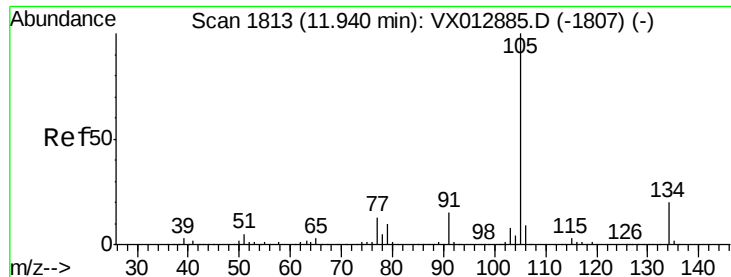
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	29.3	87.9
134	22.8	11.5	34.4



#84
1,2,4-Trimethylbenzene
Concen: 54.721 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.8	65.3





#85

sec-Butylbenzene

Concen: 54.518 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

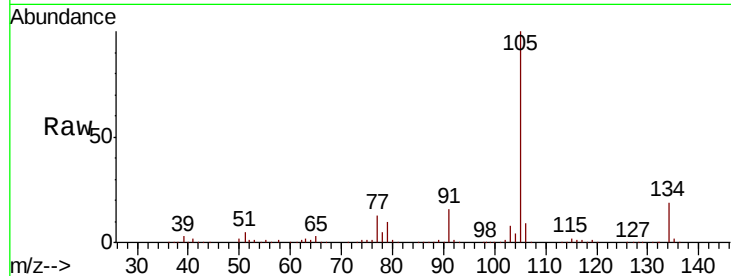
VSTDCCC050

Tot Ion:105 Resp: 492229

Ion Ratio Lower Upper

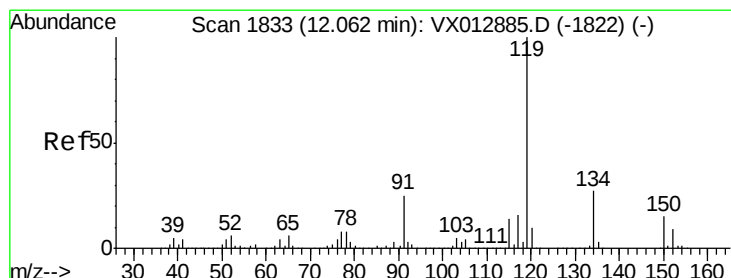
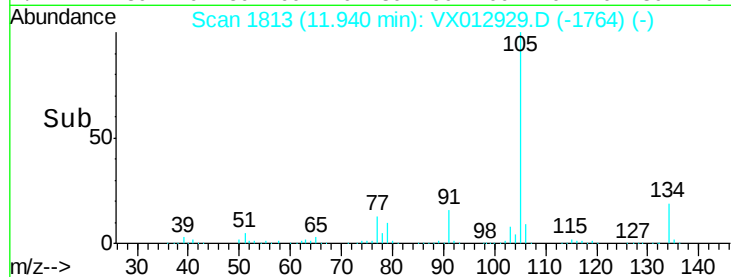
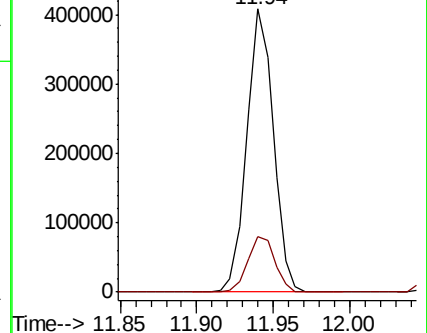
105 100

134 20.1 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.813 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

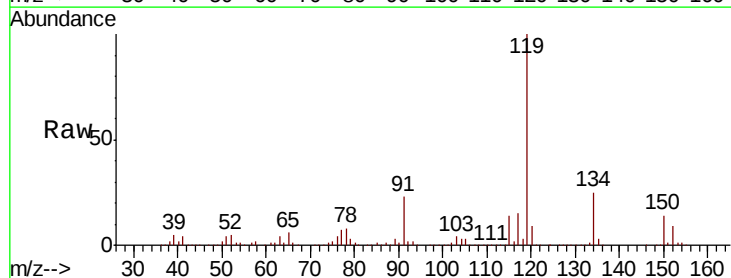
Tgt Ion:119 Resp: 467361

Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

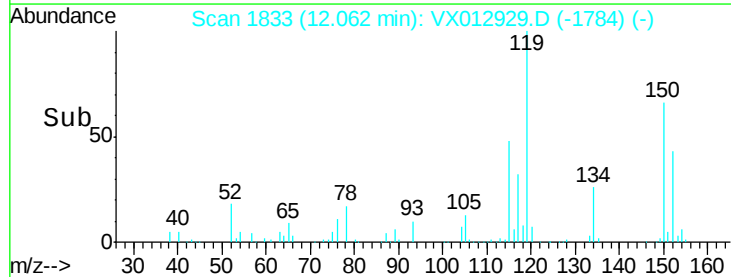
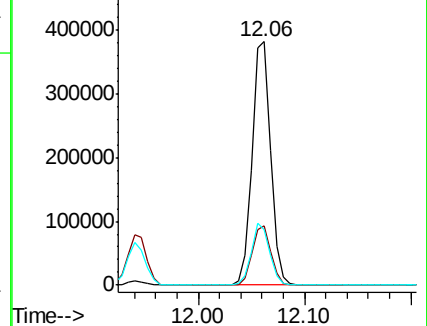
91 24.7 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

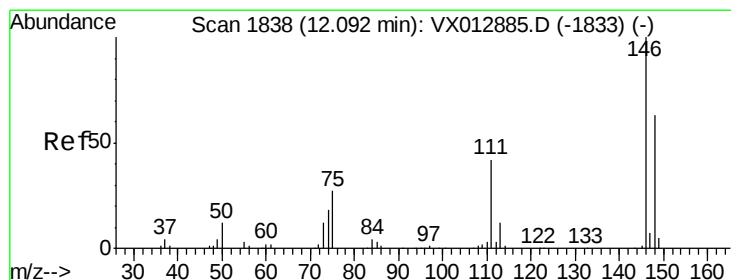
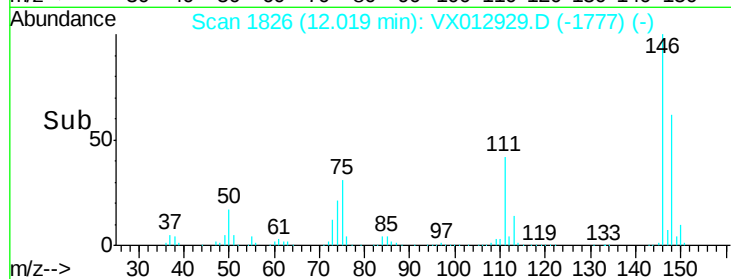
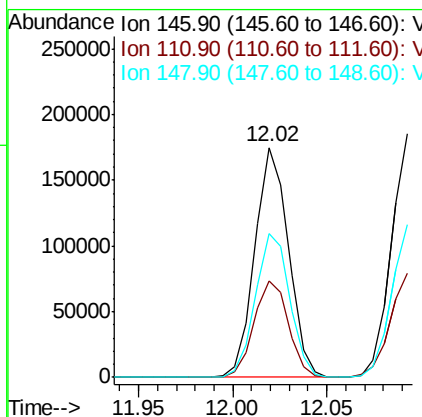
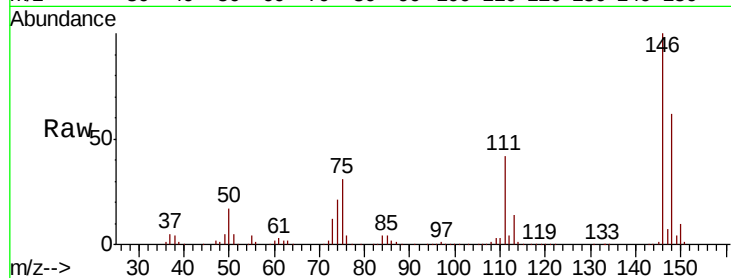




#87
 1,3-Dichlorobenzene
 Concen: 51.856 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

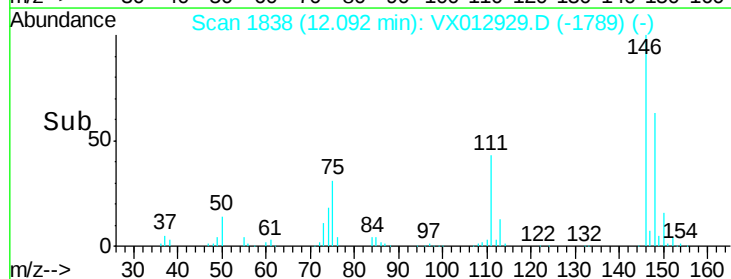
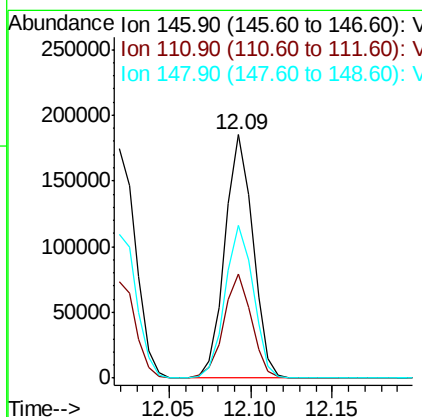
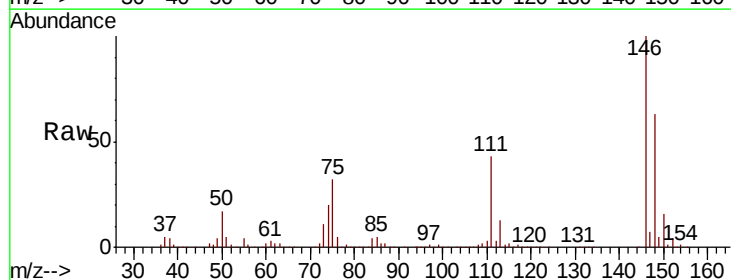
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

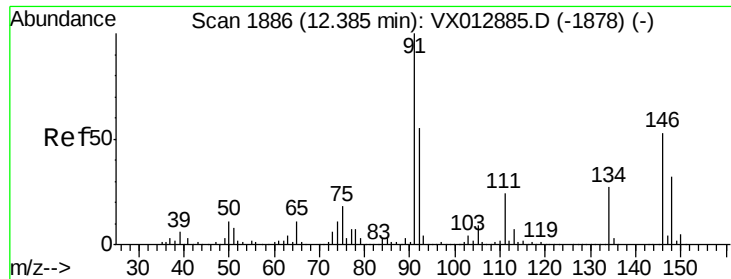
Tot Ion:146 Resp: 217110
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.4
 148 64.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 52.245 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Tgt Ion:146 Resp: 221534
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.4 64.3
 148 63.6 32.1 96.5

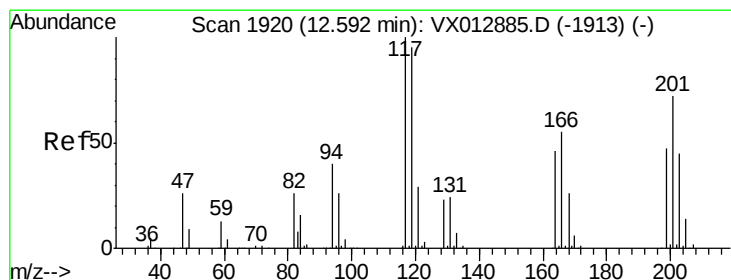
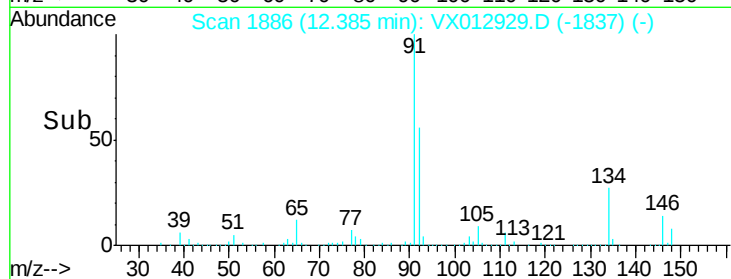
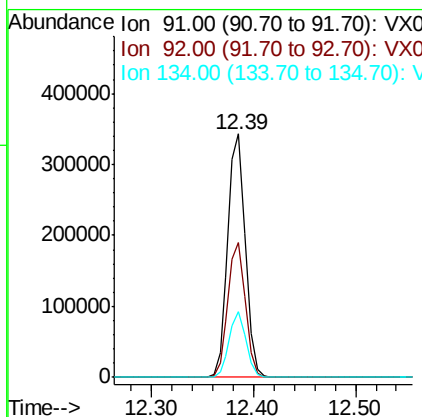
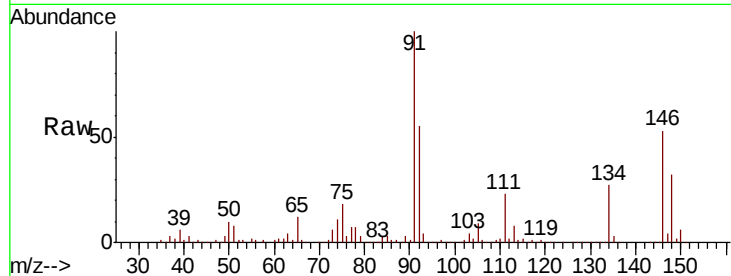




#89
n-Butylbenzene
Concen: 57.950 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

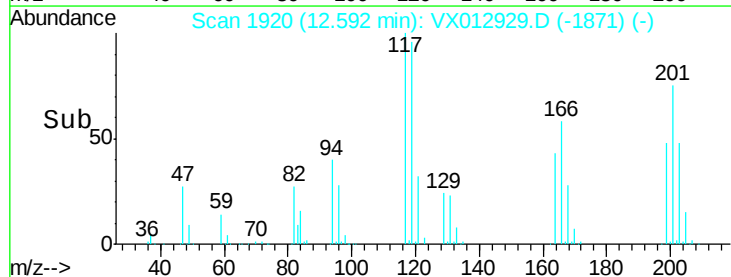
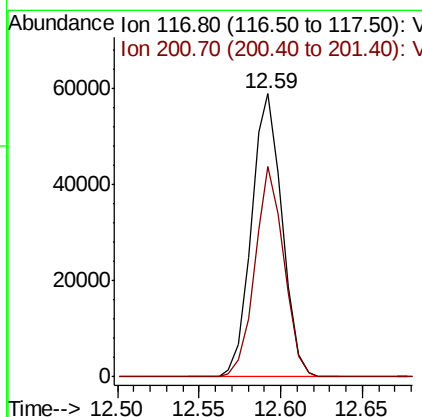
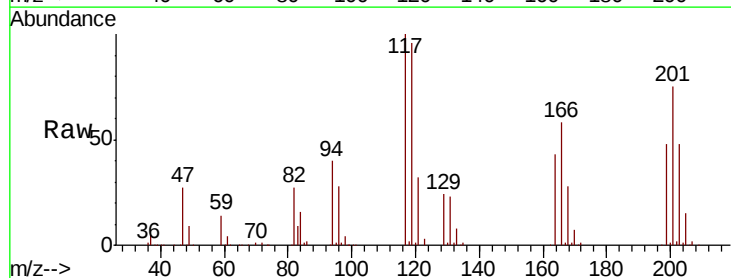
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

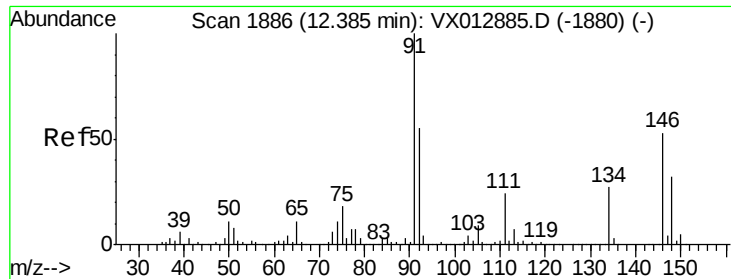
Tot Ion: 91 Resp: 407836
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.5
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 49.467 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion: 117 Resp: 76683
Ion Ratio Lower Upper
117 100
201 70.4 36.9 110.7

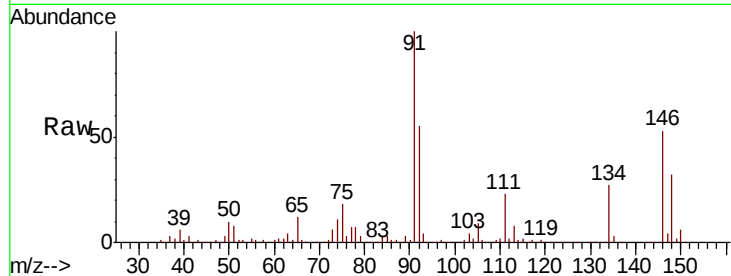




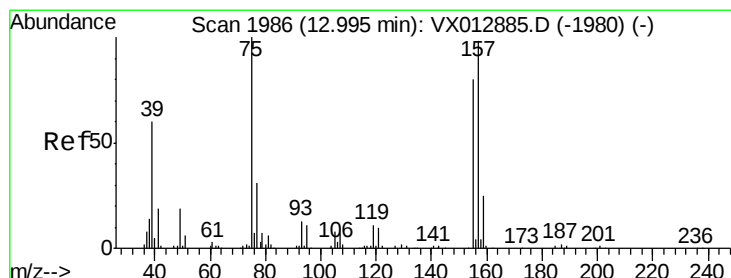
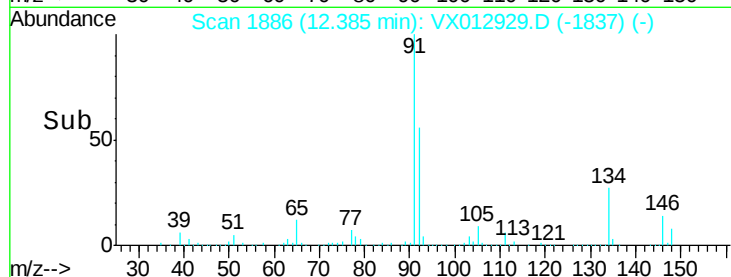
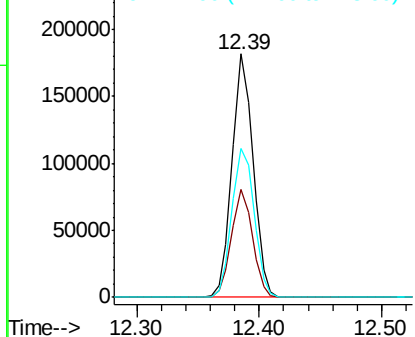
#91
 1,2-Dichlorobenzene
 Concen: 52.486 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 215434
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.7 68.0
 148 64.8 31.6 94.7

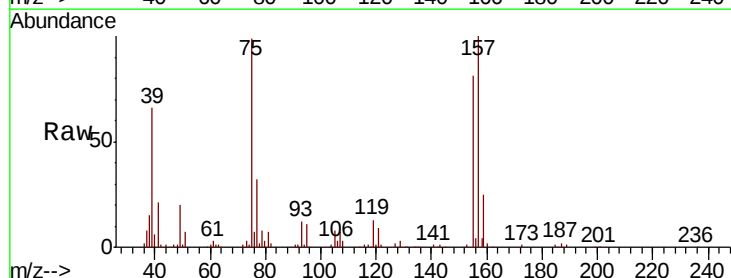


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

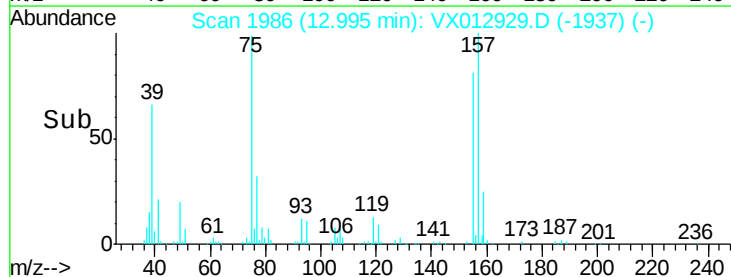
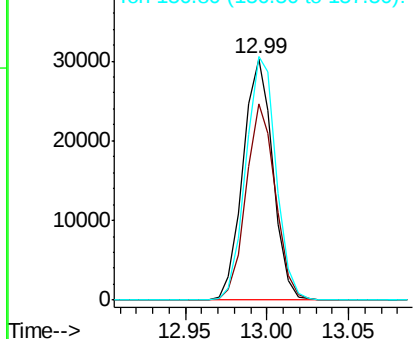


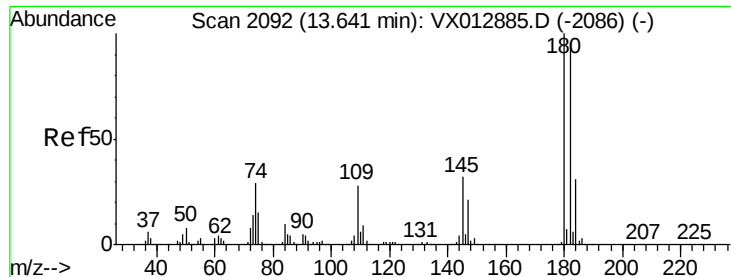
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.750 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012929.D
 Acq: 09 Oct 2019 09:33

Tgt Ion: 75 Resp: 38598
 Ion Ratio Lower Upper
 75 100
 155 80.2 43.0 128.8
 157 102.2 54.1 162.3



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: 53.798 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

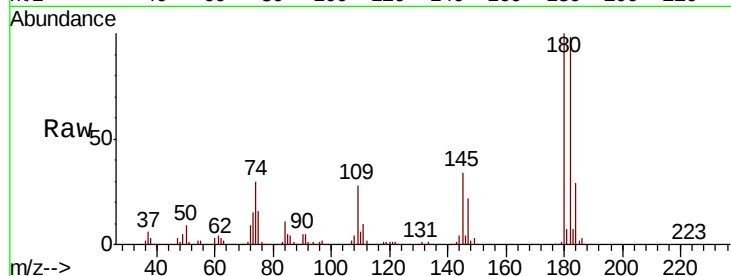
Tot Ion:180 Resp: 138325

Ion Ratio Lower Upper

180 100

182 96.0 46.8 140.4

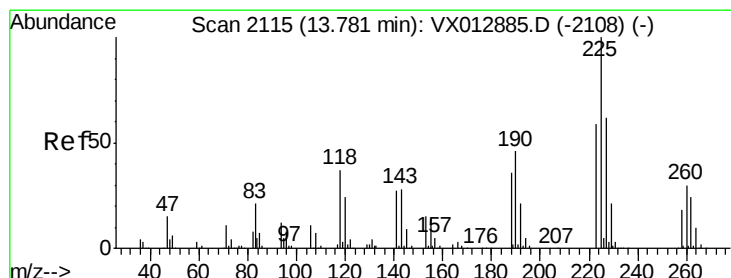
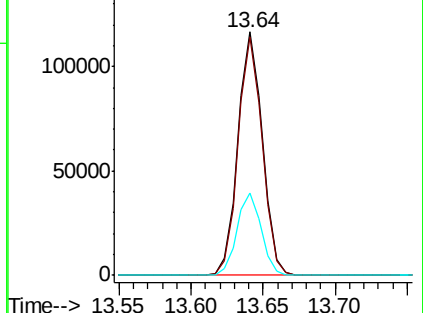
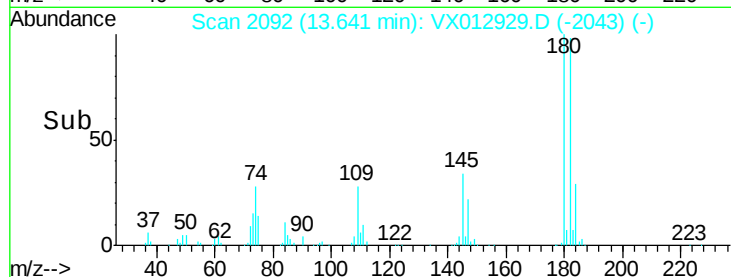
145 33.6 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 54.212 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VX012929.D

Acq: 09 Oct 2019 09:33

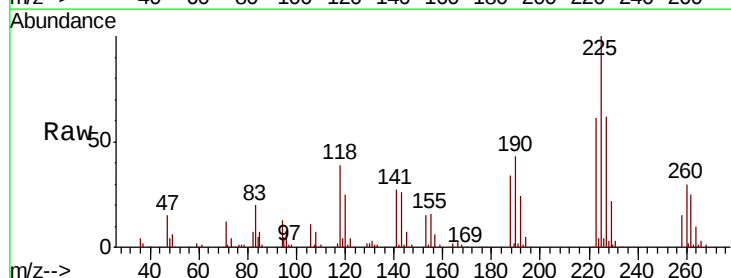
Tgt Ion:225 Resp: 64329

Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.2

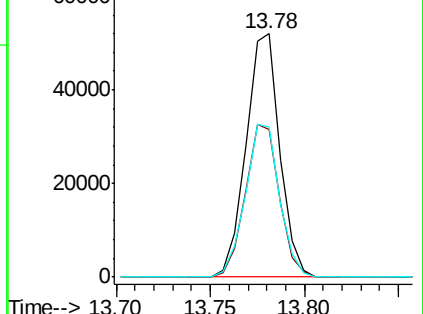
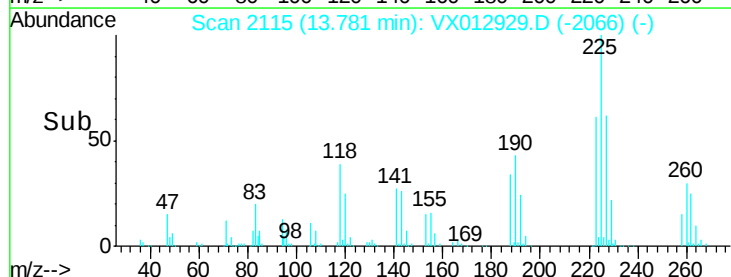
227 63.8 32.3 96.9

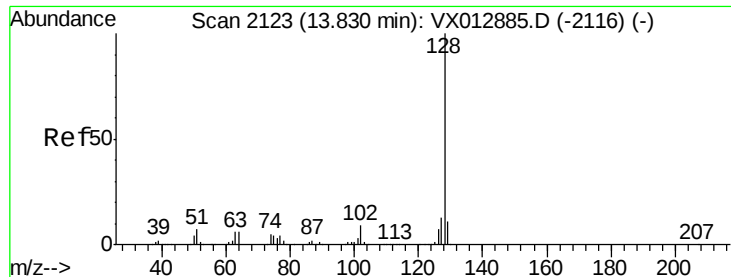


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

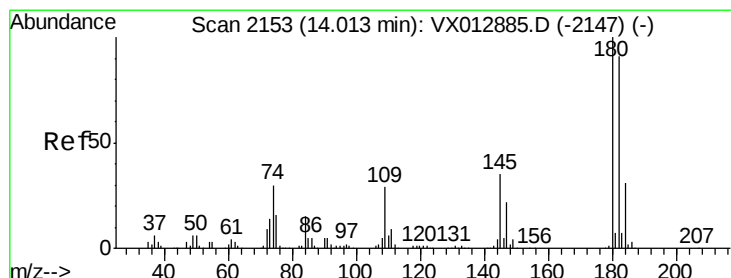
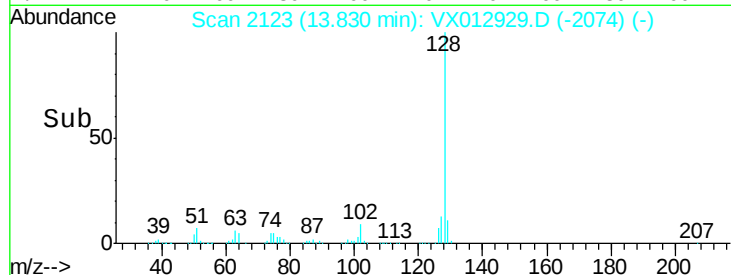
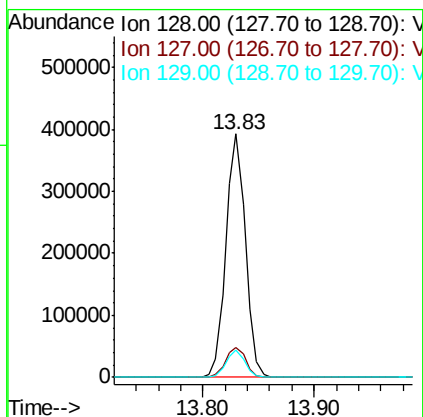
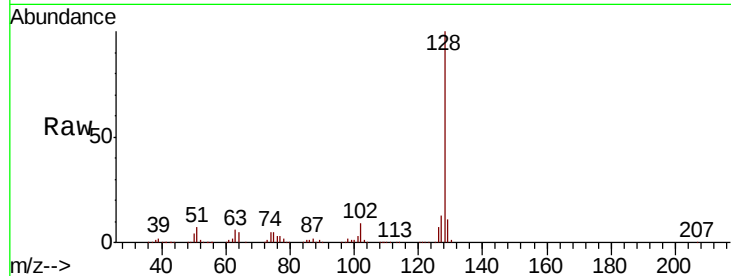




#95
Naphthalene
Concen: 53.208 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 474252
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.329 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012929.D
Acq: 09 Oct 2019 09:33

Tgt Ion:180 Resp: 136385
Ion Ratio Lower Upper
180 100
182 97.2 47.5 142.5
145 36.9 17.4 52.3

