

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092019\
 Data File : VX012592.D
 Acq On : 21 Sep 2019 05:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 21 06:38:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	123859	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.49	113	91254	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	8.71	98	334019	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.14	95	137119	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	51451	44.235	ug/l	96
3) Chloromethane	1.32	50	45146	47.055	ug/l	99
4) Vinyl Chloride	1.40	62	50158	48.369	ug/l	99
5) Bromomethane	1.62	94	14033	34.445	ug/l	96
6) Chloroethane	1.71	64	36425	44.887	ug/l	96
7) Trichlorofluoromethane	1.92	101	95339	50.154	ug/l	97
8) Diethyl Ether	2.18	74	41120	47.892	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66116	48.071	ug/l	98
10) Methyl Iodide	2.50	142	31489	28.751	ug/l	97
11) Tert butyl alcohol	3.03	59	151120	237.974	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55325	50.424	ug/l	94
13) Acrolein	2.28	56	43773	198.964	ug/l	100
14) Allyl chloride	2.72	41	120926	47.340	ug/l	99
15) Acrylonitrile	3.13	53	270334	249.420	ug/l	99
16) Acetone	2.44	43	253849	221.204	ug/l	99
17) Carbon Disulfide	2.56	76	63320	41.139	ug/l	98
18) Methyl Acetate	2.76	43	133373	51.173	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	301954	50.475	ug/l	97
20) Methylene Chloride	2.85	84	74828	49.434	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	57947	50.859	ug/l	99
22) Diisopropyl ether	3.84	45	300126	50.180	ug/l	97
23) Vinyl Acetate	3.80	43	1238001	251.627	ug/l	99
24) 1,1-Dichloroethane	3.69	63	145923	50.992	ug/l	99
25) 2-Butanone	4.66	43	396806	228.711	ug/l	100
26) 2,2-Dichloropropane	4.57	77	87229	30.994	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	86397	50.761	ug/l	91
28) Bromochloromethane	5.00	49	73077	49.534	ug/l	95
29) Tetrahydrofuran	5.11	42	242236	252.734	ug/l	99
30) Chloroform	5.20	83	161631	49.180	ug/l	98
31) Cyclohexane	5.57	56	84818	49.100	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	133891	48.743	ug/l	99
36) 1,1-Dichloropropene	5.79	75	87722	49.751	ug/l	98
37) Ethyl Acetate	4.82	43	141903	52.429	ug/l	99
38) Carbon Tetrachloride	5.78	117	108290	49.380	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84756	49.446	ug/l	98
40) Benzene	6.14	78	291587	52.004	ug/l	98
41) Methacrylonitrile	5.03	41	87291	50.088	ug/l	97
42) 1,2-Dichloroethane	6.18	62	128489	49.407	ug/l	99
43) Isopropyl Acetate	6.43	43	245627	50.564	ug/l	100
44) Trichloroethene	7.21	130	77464	52.520	ug/l	99
45) 1,2-Dichloropropane	7.51	63	89060	51.700	ug/l	98
46) Dibromomethane	7.65	93	56435	50.626	ug/l	98
47) Bromodichloromethane	7.89	83	126624	51.015	ug/l	99
48) Methyl methacrylate	7.76	41	115392	50.391	ug/l	98
49) 1,4-Dioxane	7.73	88	54379	975.716	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	803639	252.265	ug/l	99
52) Toluene	8.78	92	187742	51.963	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	123746	47.961	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	129734	48.569	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96805	52.007	ug/l	98
56) Ethyl methacrylate	9.17	69	151017	51.891	ug/l	98
57) 1,3-Dichloropropane	9.37	76	156024	52.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	403886	268.100	ug/l	100
59) 2-Hexanone	9.49	43	616947	248.231	ug/l	99
60) Dibromochloromethane	9.58	129	101652	53.613	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89728	52.781	ug/l	99
64) Tetrachloroethene	9.33	164	72096	59.430	ug/l	94
65) Chlorobenzene	10.14	112	220325	50.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	93618	51.624	ug/l	98
67) Ethyl Benzene	10.25	91	383684	51.110	ug/l	100
68) m/p-Xylenes	10.35	106	285088	104.373	ug/l	98
69) o-Xylene	10.70	106	145254	51.709	ug/l	100
70) Styrene	10.71	104	261110	52.537	ug/l	99
71) Bromoform	10.85	173	70284	45.300	ug/l #	99
73) Isopropylbenzene	11.01	105	406441	50.565	ug/l	99
74) N-amyl acetate	10.89	43	220081	50.856	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157879	50.071	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	172373	58.576	ug/l	87
77) Bromobenzene	11.25	156	100010	51.017	ug/l	99
78) n-propylbenzene	11.35	91	447268	49.925	ug/l	99
79) 2-Chlorotoluene	11.42	91	287442	49.320	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	344645	50.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	39310	37.498	ug/l	96
82) 4-Chlorotoluene	11.51	91	333339	49.834	ug/l	100
83) tert-Butylbenzene	11.77	119	357046	48.607	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	353923	50.283	ug/l	99
85) sec-Butylbenzene	11.94	105	404446	49.967	ug/l	99
86) p-Isopropyltoluene	12.06	119	370511	49.849	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	185370	50.269	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	191424	50.536	ug/l	98
89) n-Butylbenzene	12.39	91	311432	46.961	ug/l	99
90) Hexachloroethane	12.59	117	66284	48.637	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	196338	50.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40227	49.210	ug/l	97

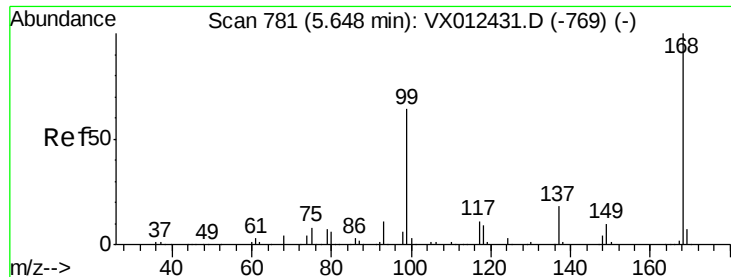
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128138	51.616	ug/l	99
94) Hexachlorobutadiene	13.78	225	51824	44.292	ug/l	98
95) Naphthalene	13.83	128	474755	53.746	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	132576	52.406	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

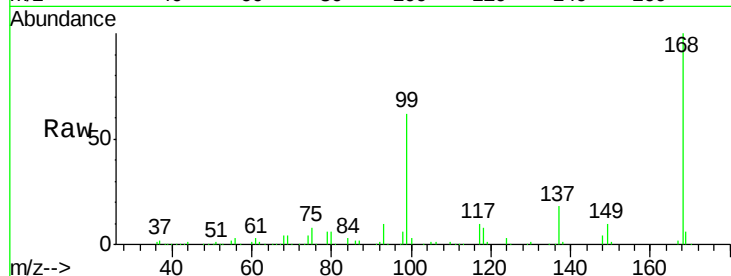
VSTDCCC050EC

Tot Ion:168 Resp: 174516

Ion Ratio Lower Upper

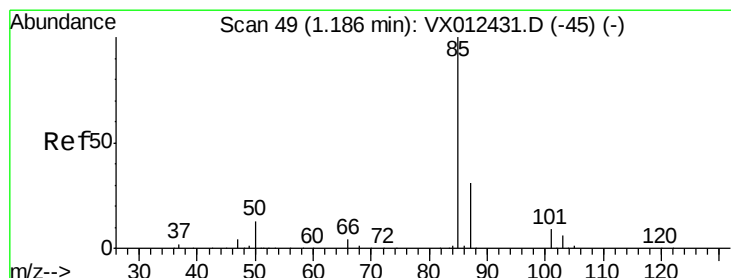
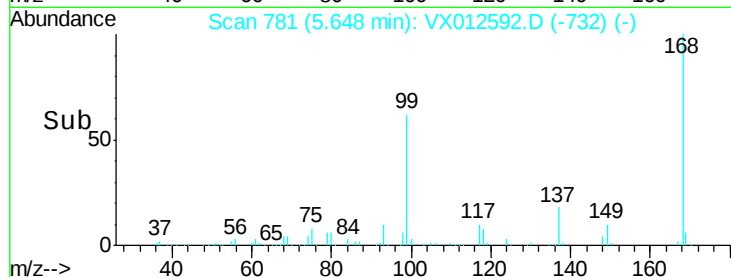
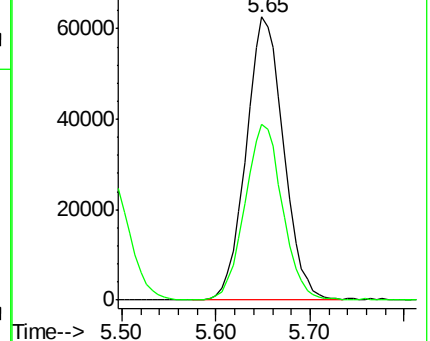
168 100

99 61.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.235 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012592.D

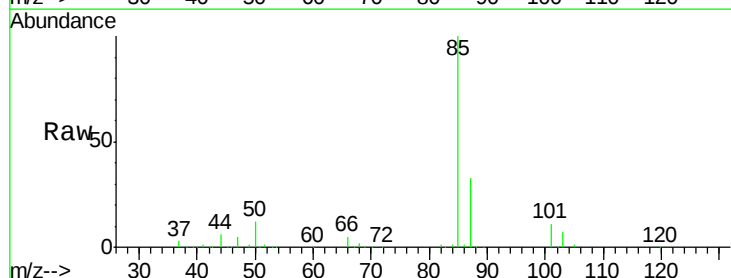
Acq: 21 Sep 2019 05:35

Tgt Ion: 85 Resp: 51451

Ion Ratio Lower Upper

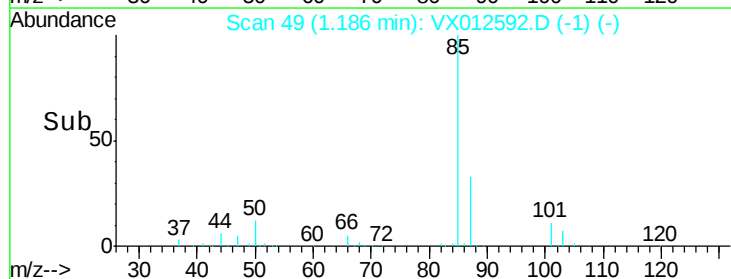
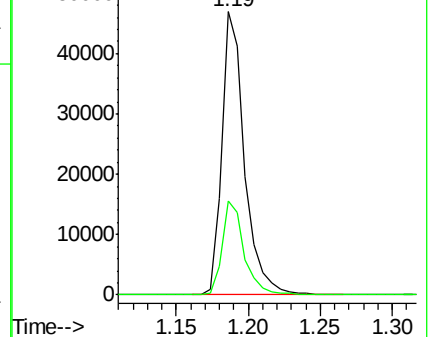
85 100

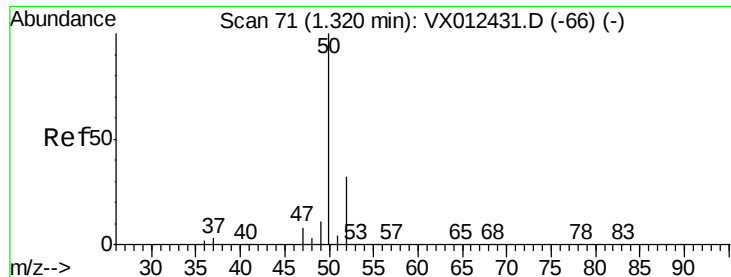
87 33.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.055 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

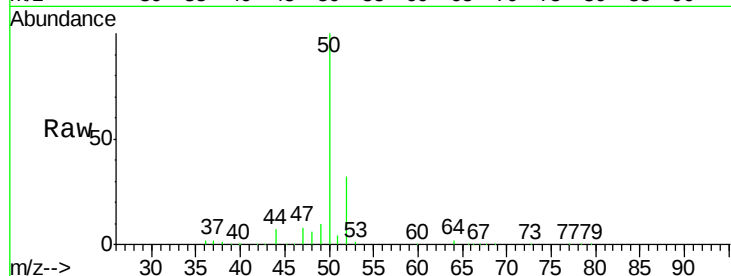
VSTDCCC050EC

Tot Ion: 50 Resp: 45146

Ion Ratio Lower Upper

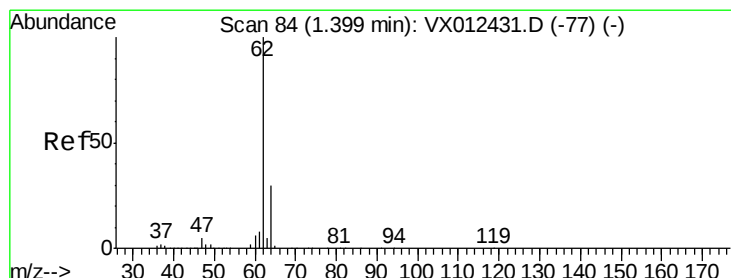
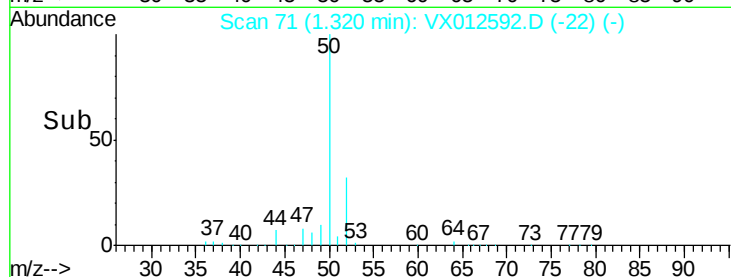
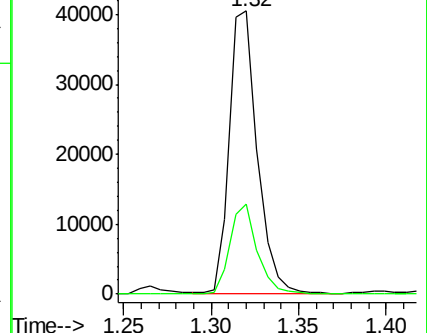
50 100

52 31.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.369 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012592.D

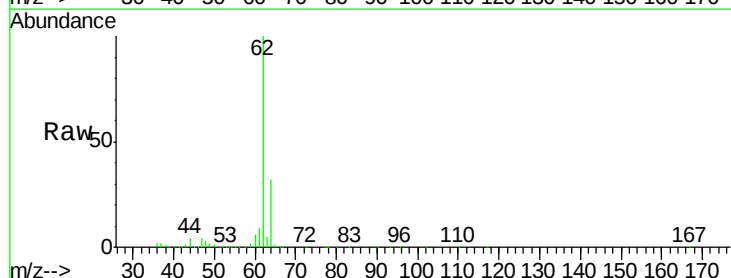
Acq: 21 Sep 2019 05:35

Tgt Ion: 62 Resp: 50158

Ion Ratio Lower Upper

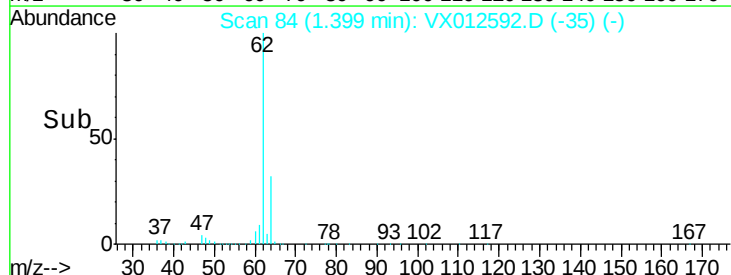
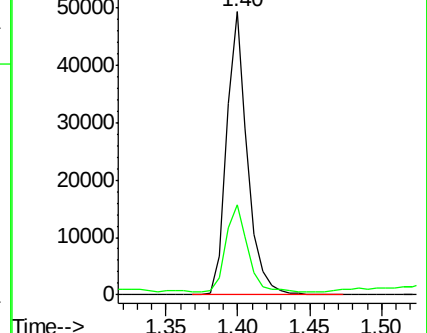
62 100

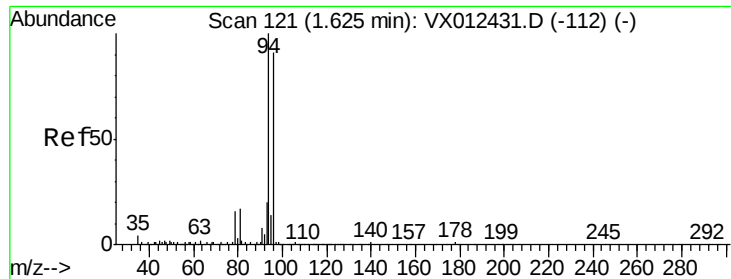
64 30.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 34.445 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

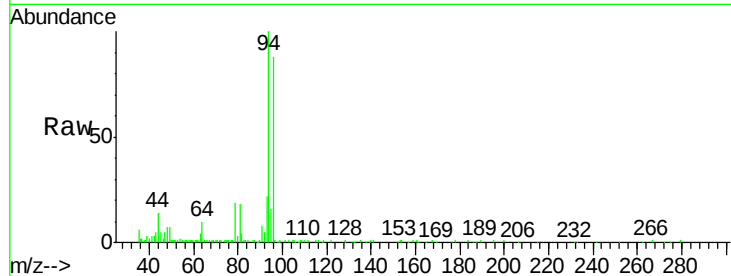
VSTDCCC050EC

Tot Ion: 94 Resp: 14033

Ion Ratio Lower Upper

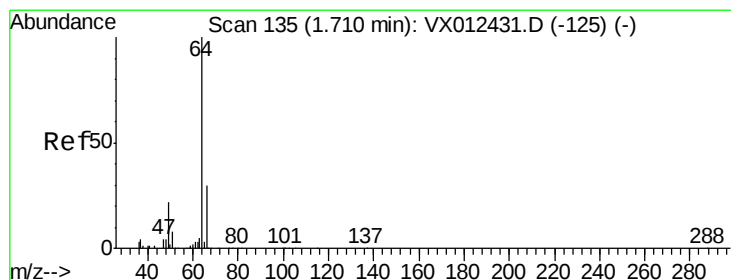
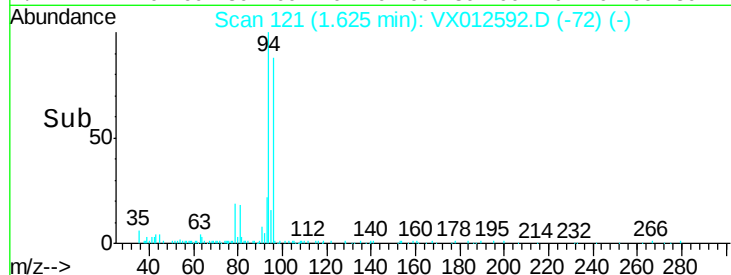
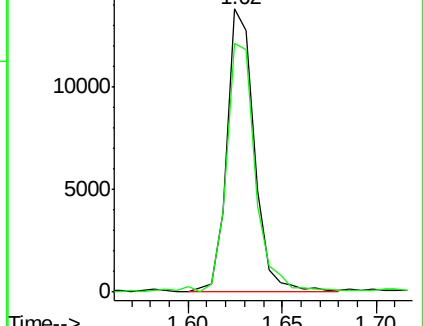
94 100

96 87.3 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.887 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012592.D

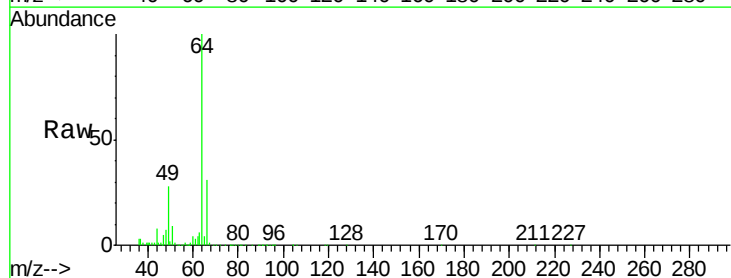
Acq: 21 Sep 2019 05:35

Tgt Ion: 64 Resp: 36425

Ion Ratio Lower Upper

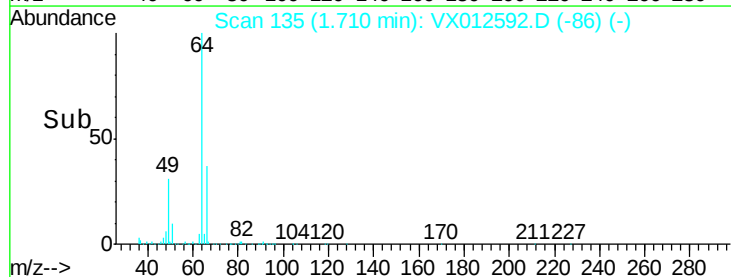
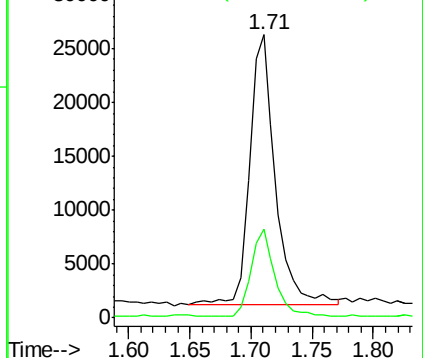
64 100

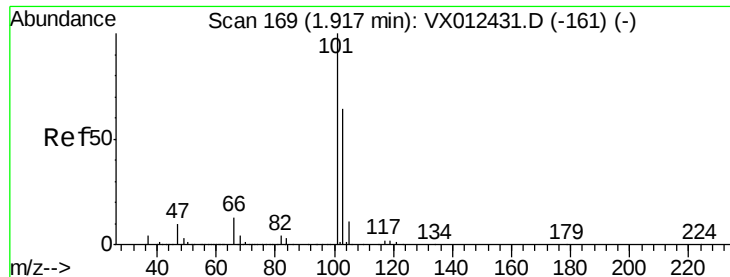
66 32.1 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 50.154 ug/l

RT: 1.92 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

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ClientSampleId :

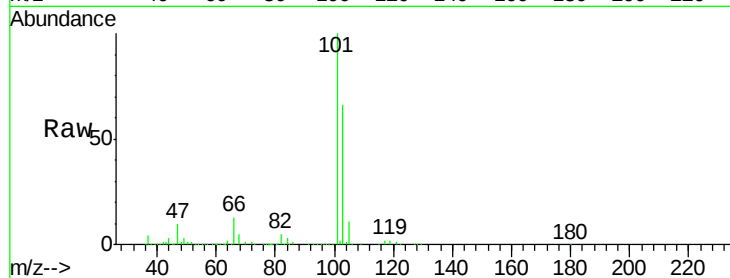
VSTDCCC050EC

Tot Ion:101 Resp: 95339

Ion Ratio Lower Upper

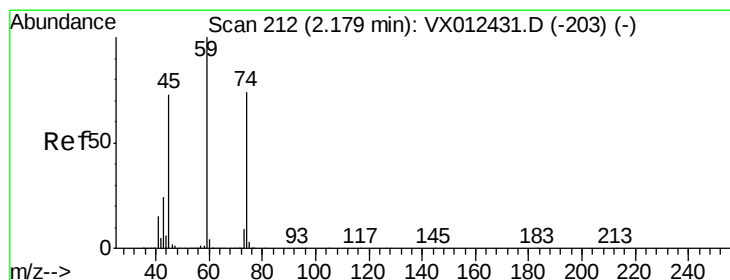
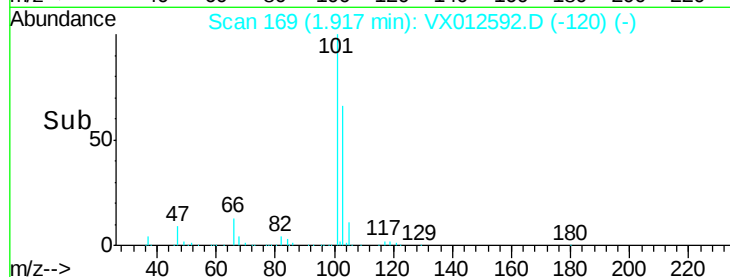
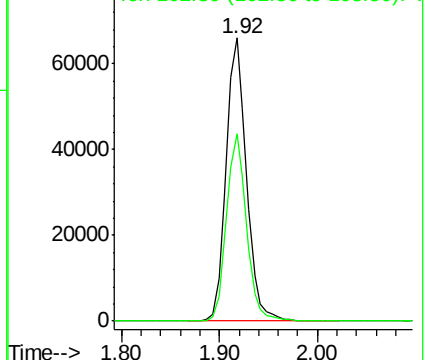
101 100

103 66.0 51.0 76.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.892 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX012592.D

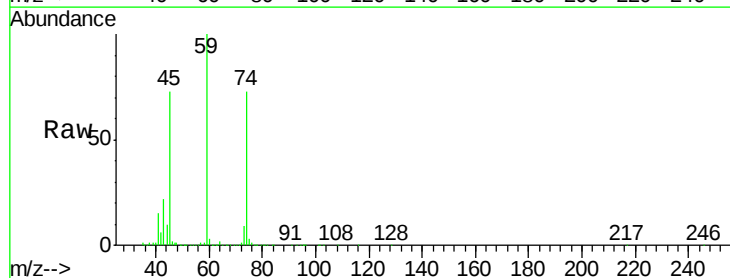
Acq: 21 Sep 2019 05:35

Tgt Ion: 74 Resp: 41120

Ion Ratio Lower Upper

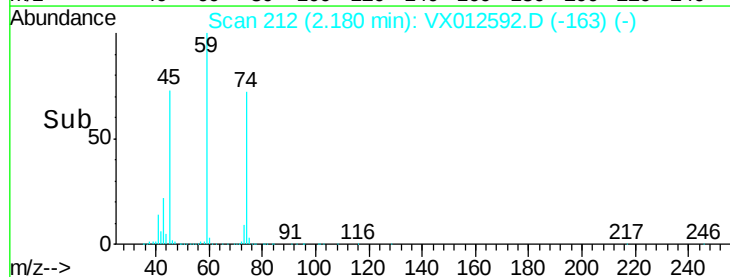
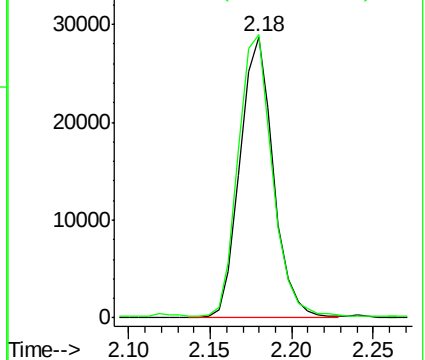
74 100

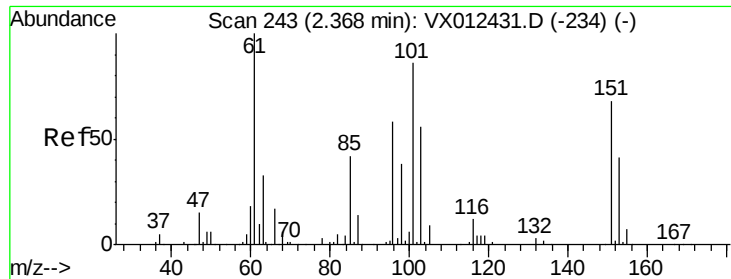
45 102.8 49.9 149.7



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: 48.071 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

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VSTDCCC050EC

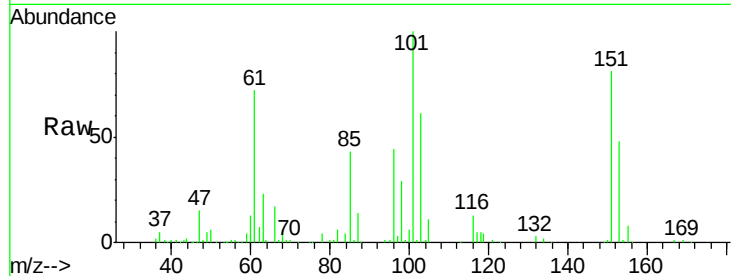
Tot Ion:101 Resp: 66116

Ion Ratio Lower Upper

101 100

85 45.7 37.3 55.9

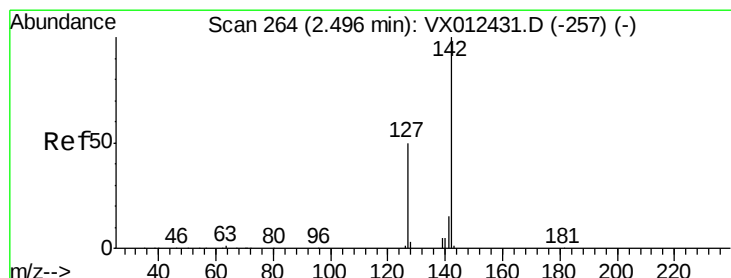
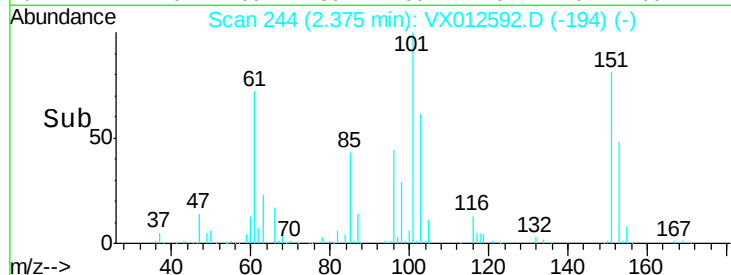
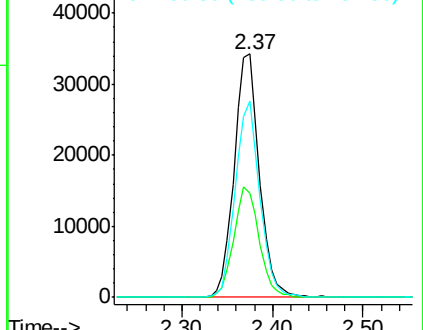
151 78.8 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 28.751 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

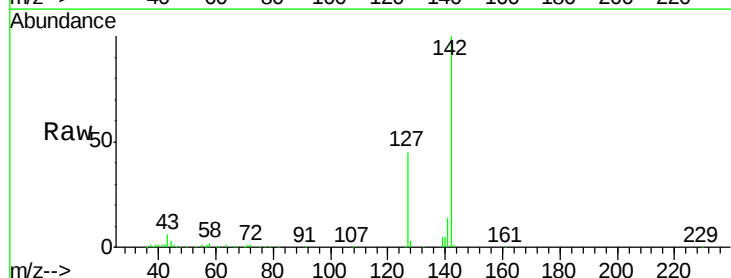
Tgt Ion:142 Resp: 31489

Ion Ratio Lower Upper

142 100

127 48.1 40.8 61.2

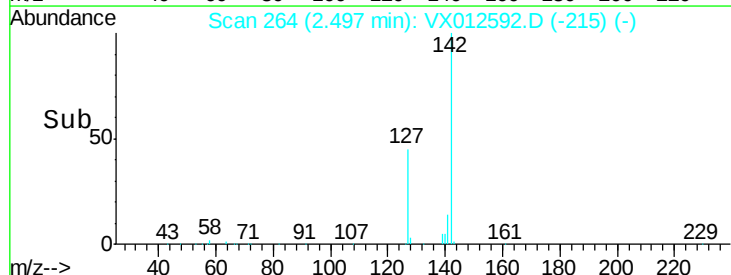
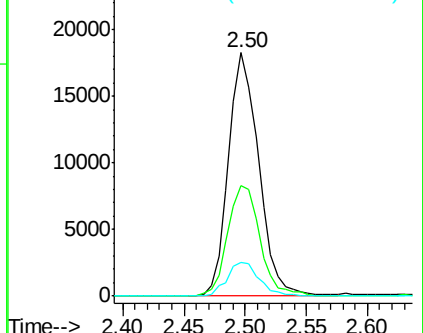
141 14.7 12.1 18.1

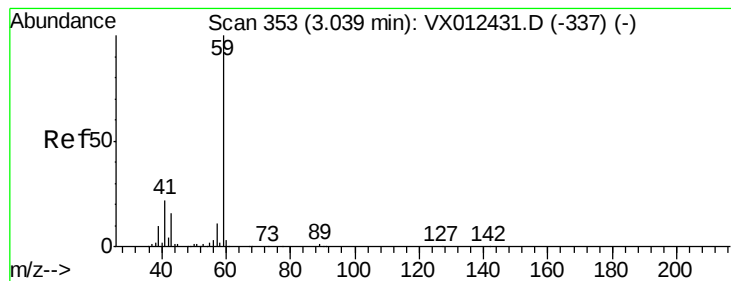


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



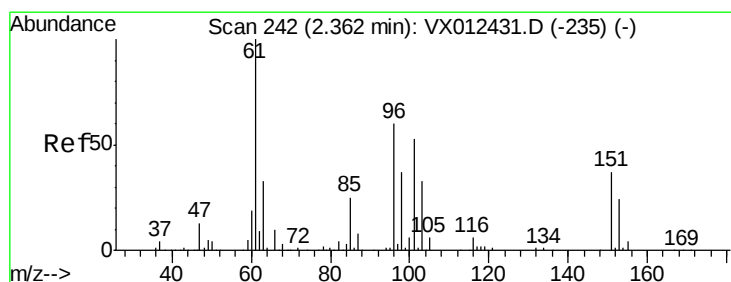
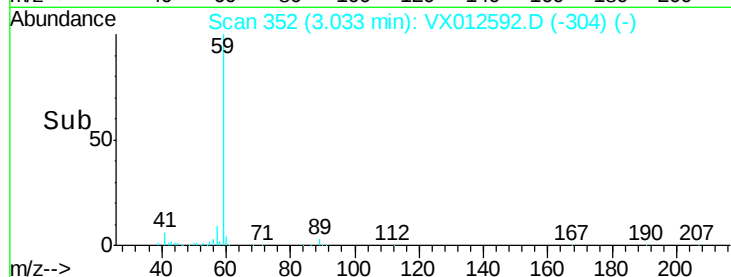
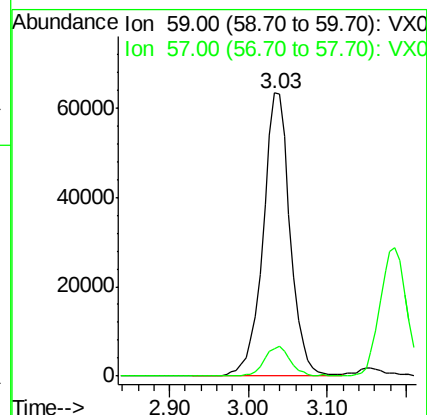
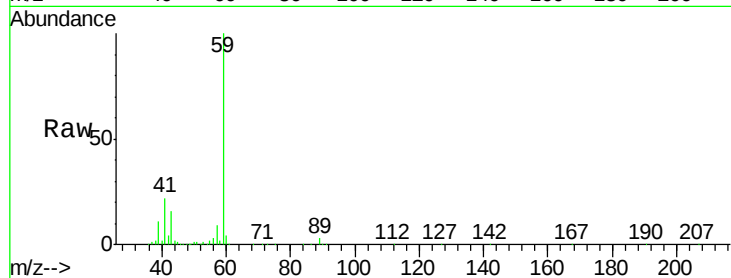


#11

Tert butyl alcohol
 Concen: 237.974 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

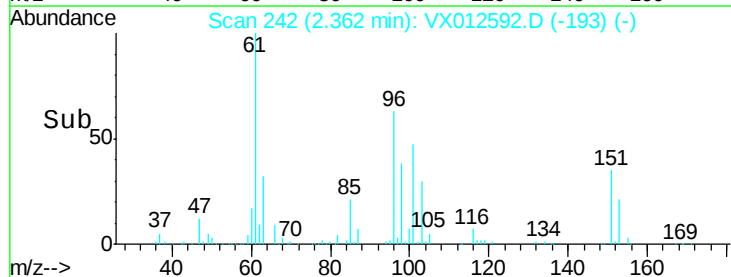
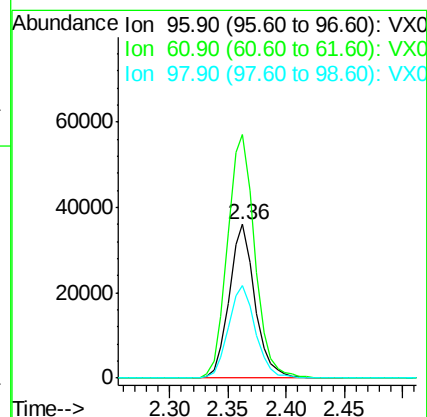
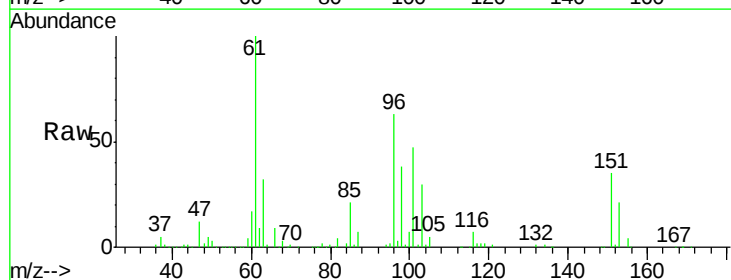
Tot Ion: 59 Resp: 151120
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

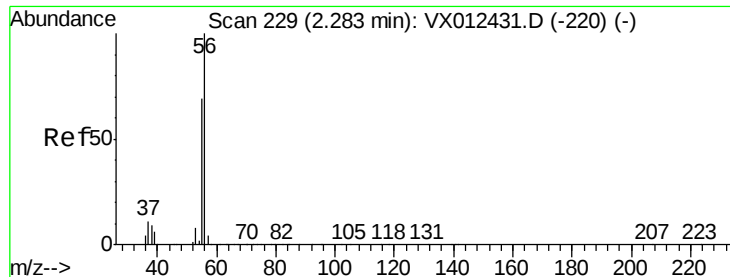


#12

1,1-Dichloroethene
 Concen: 50.424 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion: 96 Resp: 55325
 Ion Ratio Lower Upper
 96 100
 61 157.9 133.8 200.6
 98 60.0 49.9 74.9





#13

Acrolein

Concen: 198.964 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

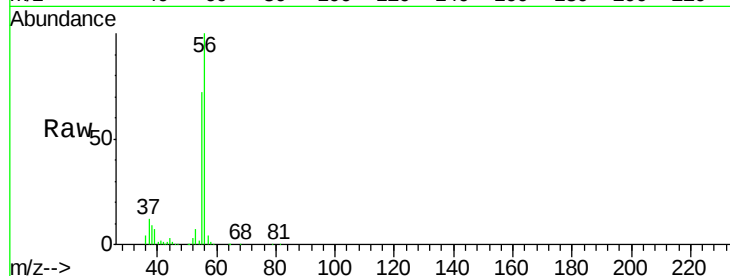
VSTDCCC050EC

Tot Ion: 56 Resp: 43773

Ion Ratio Lower Upper

56 100

55 69.7 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

30000

25000

20000

15000

10000

5000

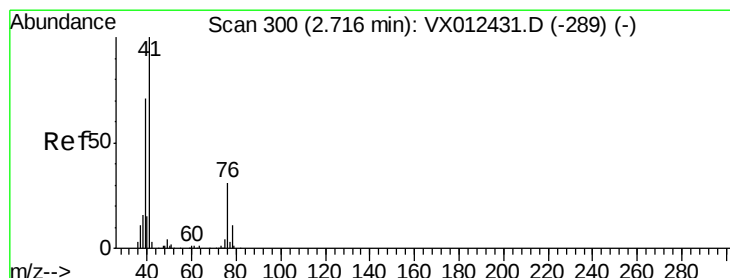
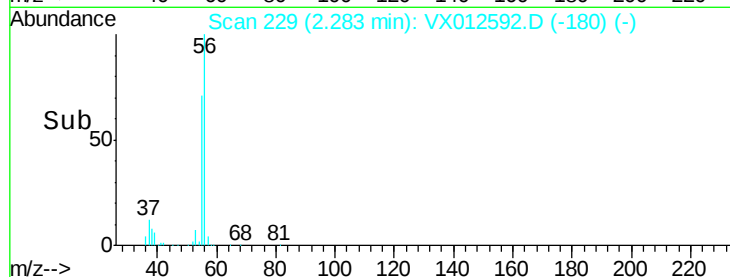
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 47.340 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

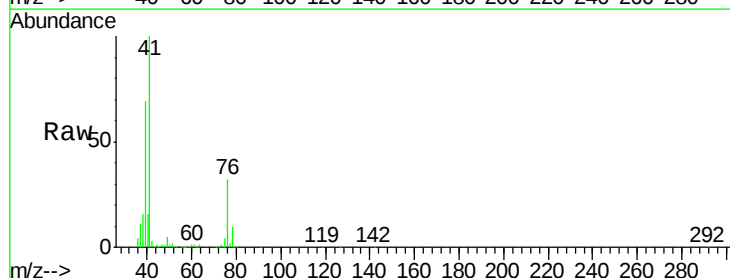
Tgt Ion: 41 Resp: 120926

Ion Ratio Lower Upper

41 100

39 63.1 51.3 76.9

76 28.5 22.6 33.8



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

80000

60000

40000

20000

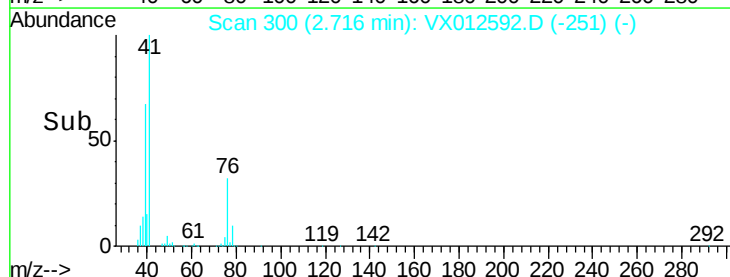
0

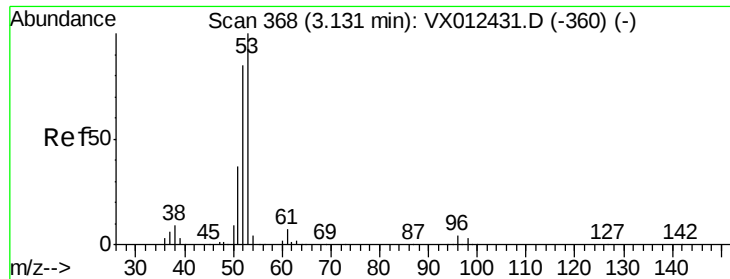
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 249.420 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

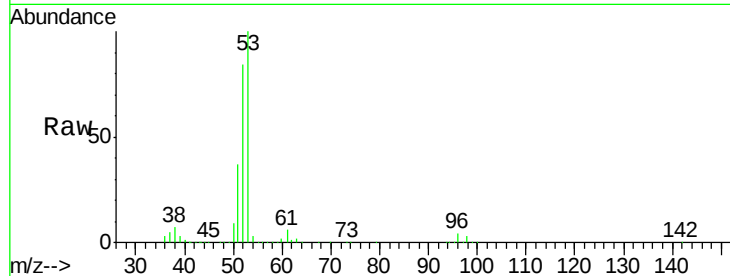
Tot Ion: 53 Resp: 270334

Ion Ratio Lower Upper

53 100

52 83.2 67.0 100.4

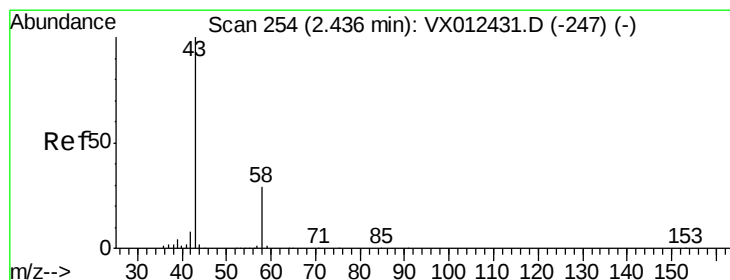
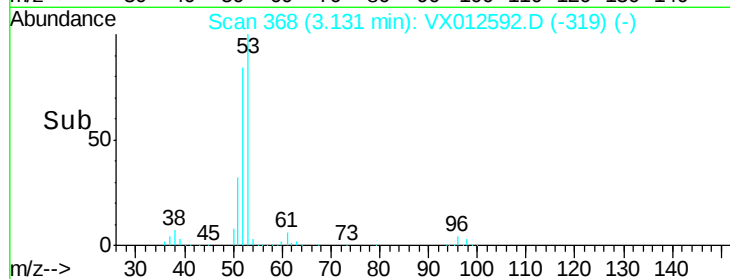
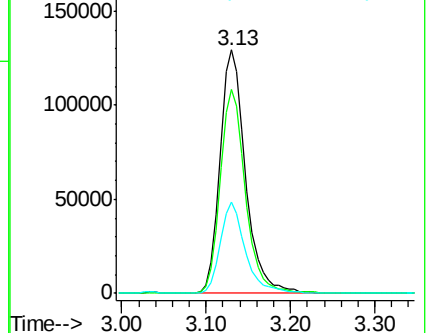
51 36.6 29.6 44.4



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: 221.204 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012592.D

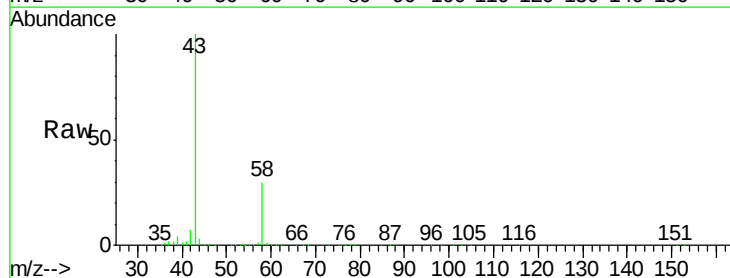
Acq: 21 Sep 2019 05:35

Tgt Ion: 43 Resp: 253849

Ion Ratio Lower Upper

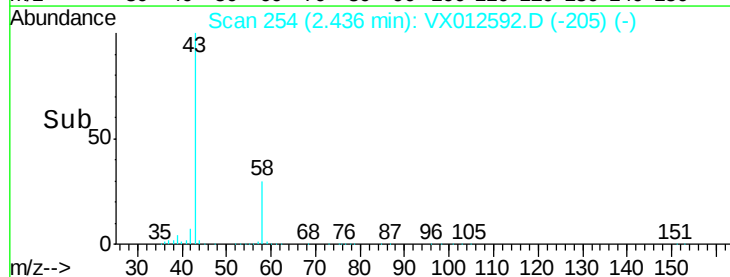
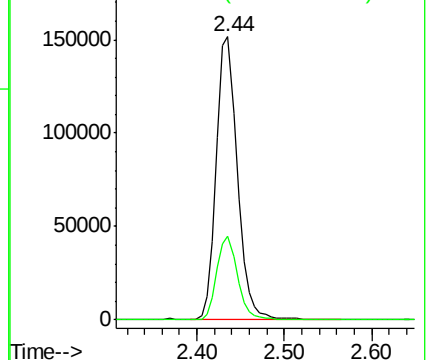
43 100

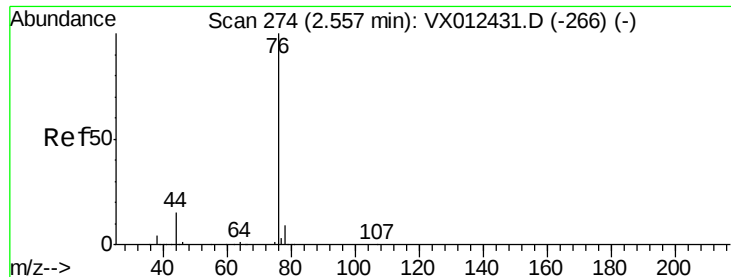
58 29.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

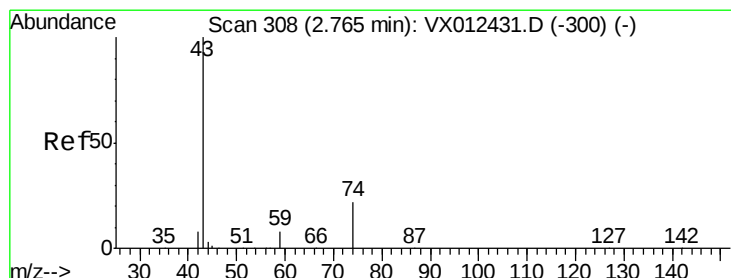
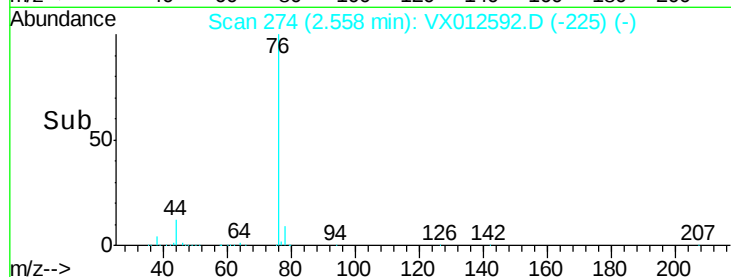
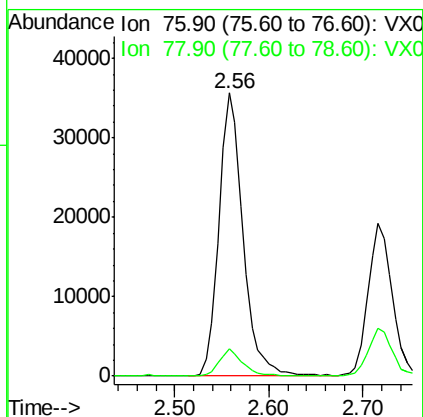
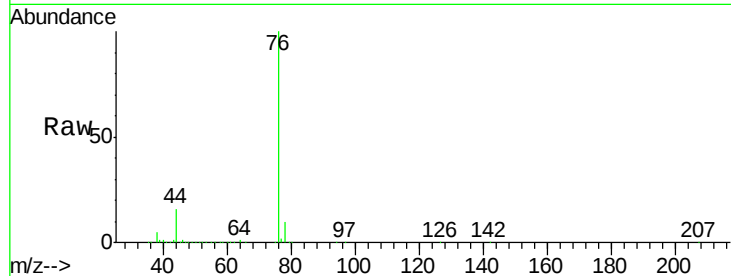




#17
Carbon Disulfide
Concen: 41.139 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

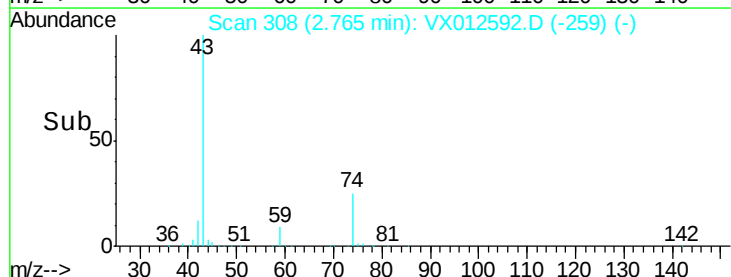
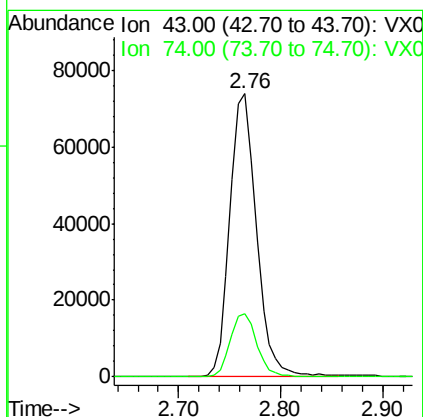
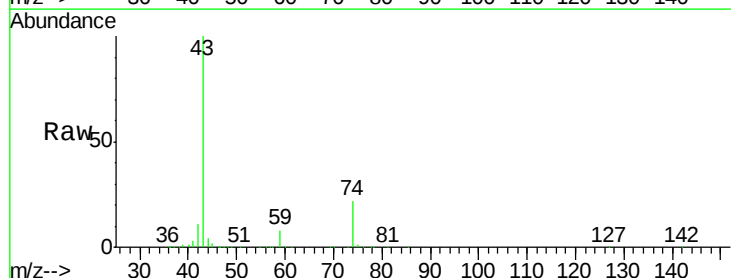
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

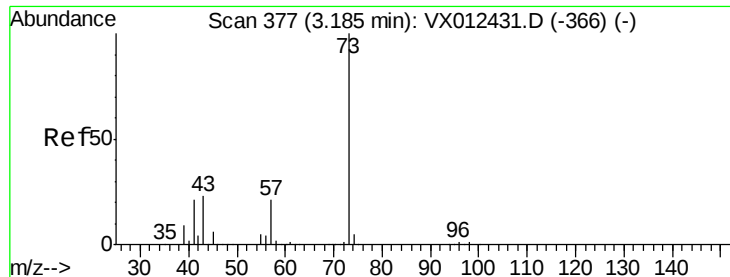
Tot Ion: 76 Resp: 63320
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 51.173 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 43 Resp: 133373
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5

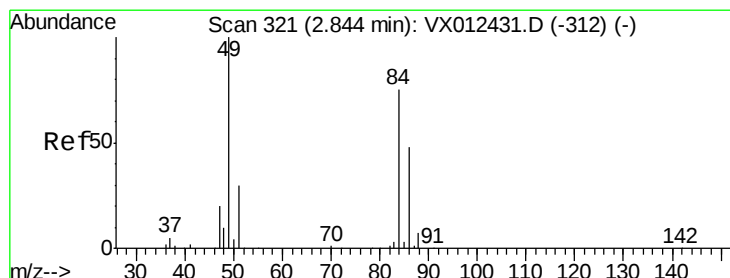
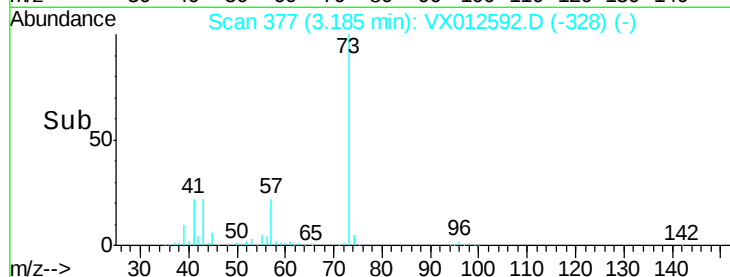
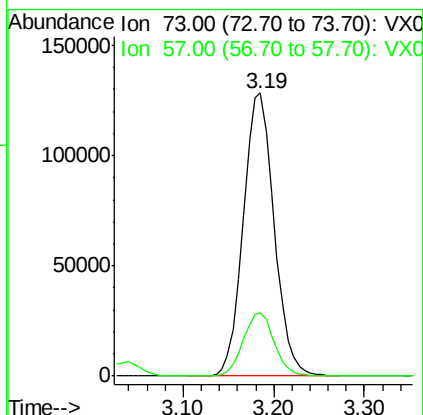
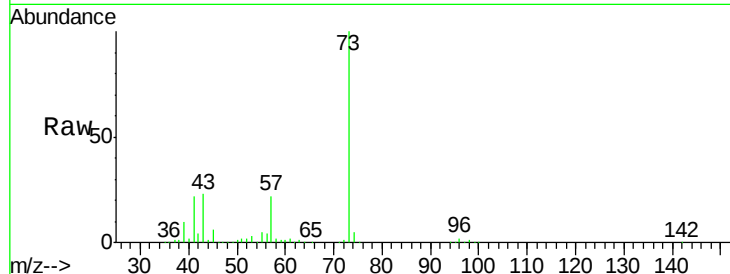




#19
Methyl tert-butyl Ether
Concen: 50.475 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

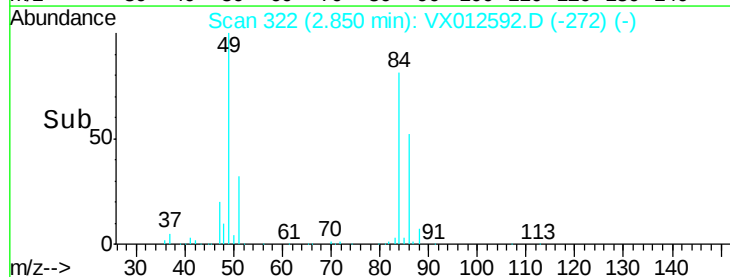
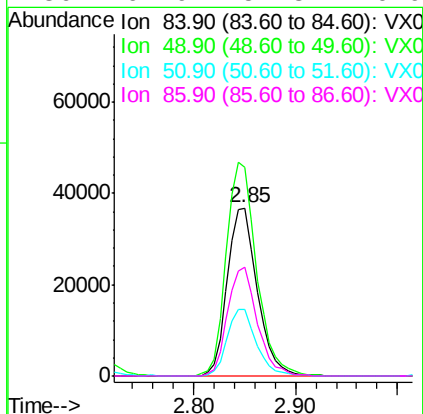
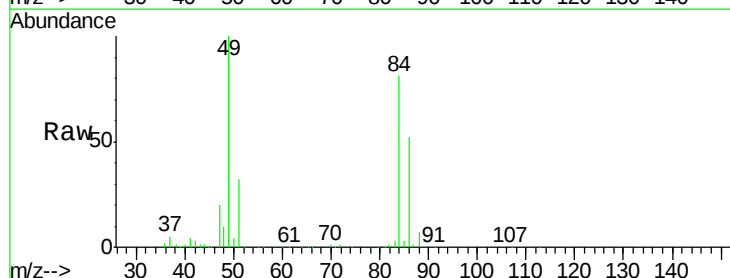
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

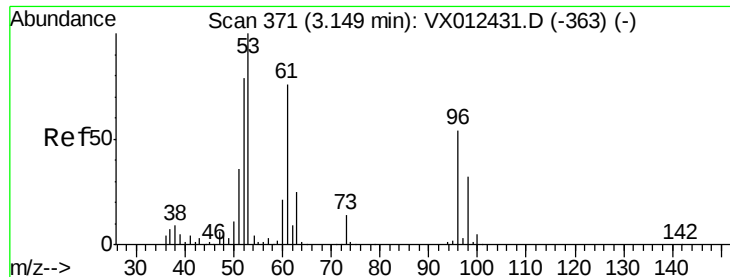
Tot Ion: 73 Resp: 301954
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2



#20
Methylene Chloride
Concen: 49.434 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 84 Resp: 74828
Ion Ratio Lower Upper
84 100
49 123.9 106.8 160.2
51 39.4 32.3 48.5
86 64.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.859 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

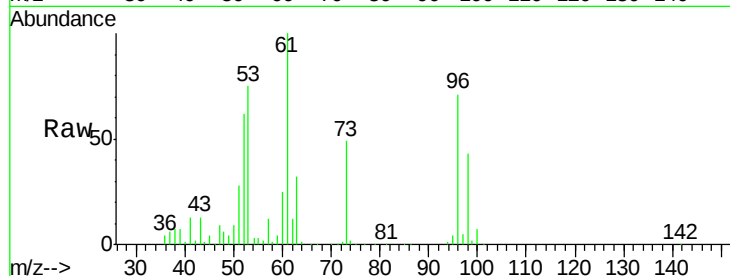
Tot Ion: 96 Resp: 57947

Ion Ratio Lower Upper

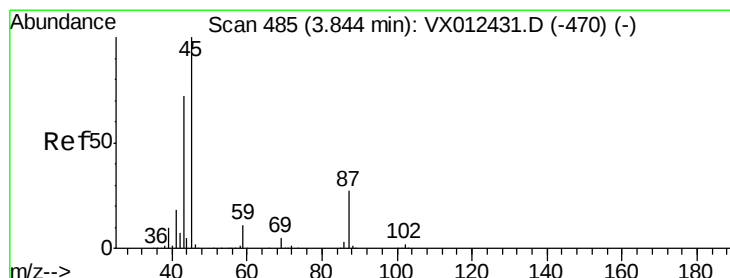
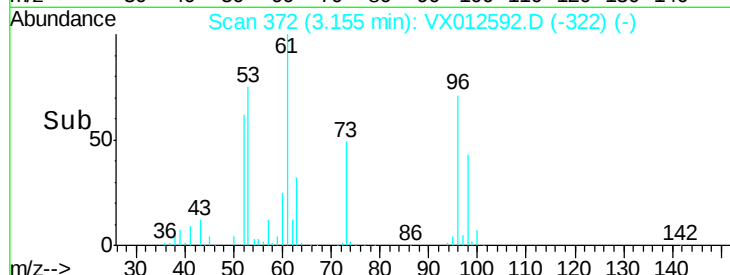
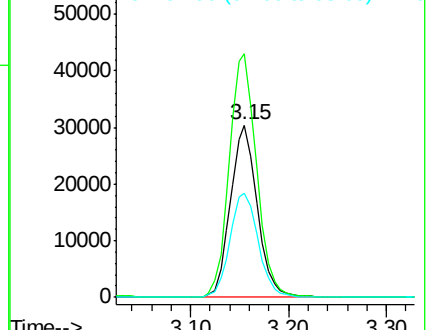
96 100

61 141.3 112.0 168.0

98 60.5 47.8 71.8



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



#22

Diisopropyl ether

Concen: 50.180 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion: 45 Resp: 300126

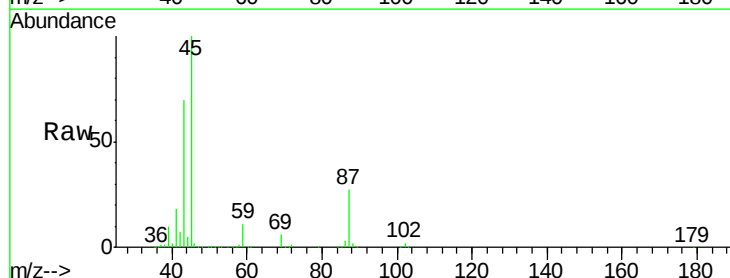
Ion Ratio Lower Upper

45 100

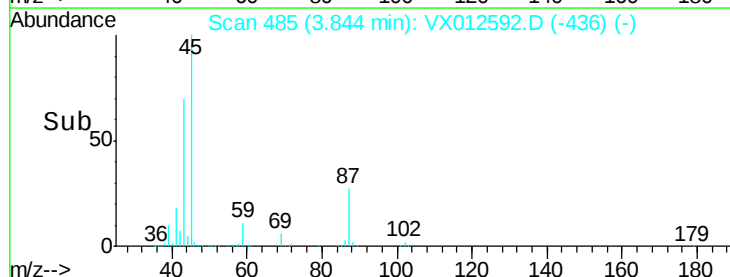
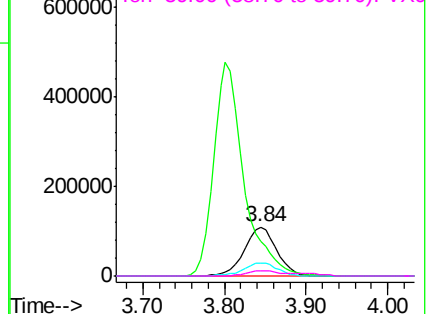
43 69.5 57.8 86.8

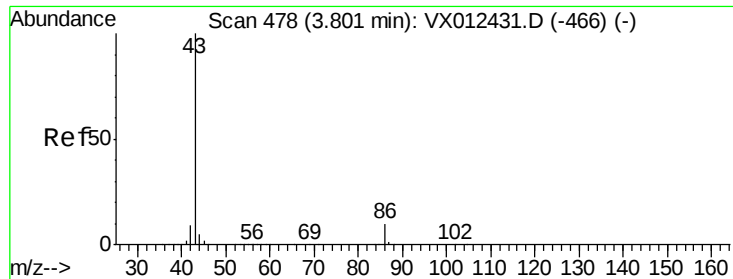
87 27.3 21.3 31.9

59 11.0 8.5 12.7



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: 251.627 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

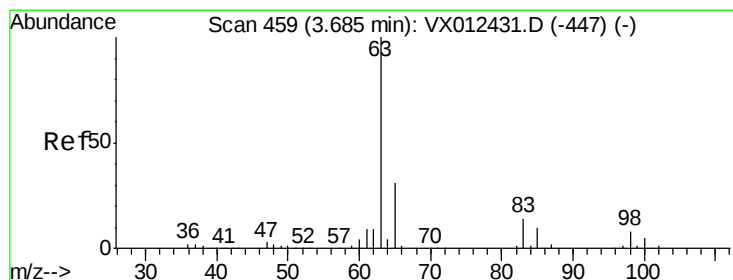
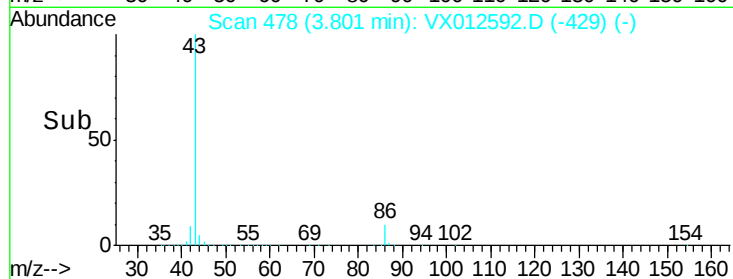
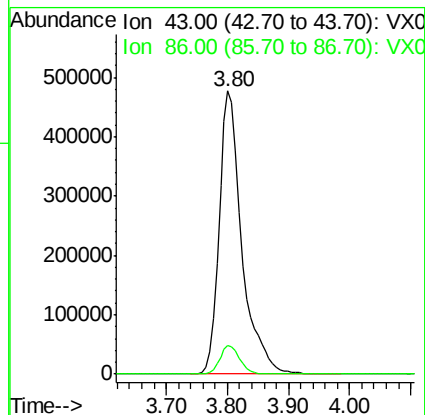
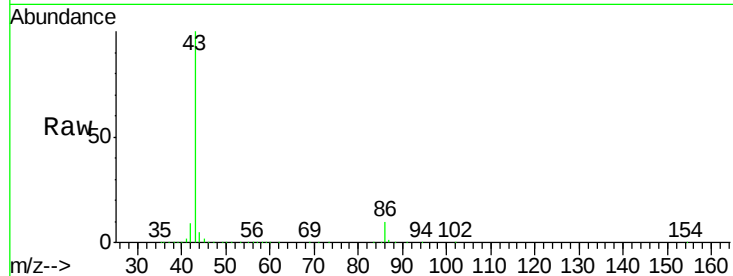
VSTDCCC050EC

Tot Ion: 43 Resp: 1238001

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



#24

1,1-Dichloroethane

Concen: 50.992 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

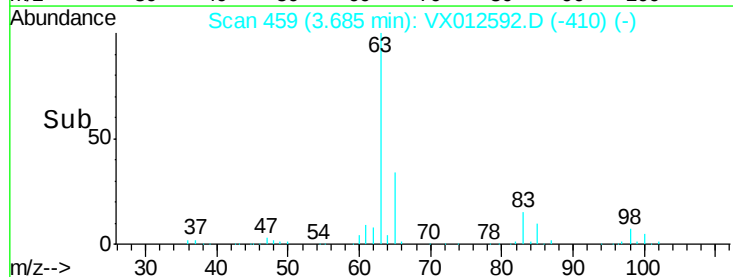
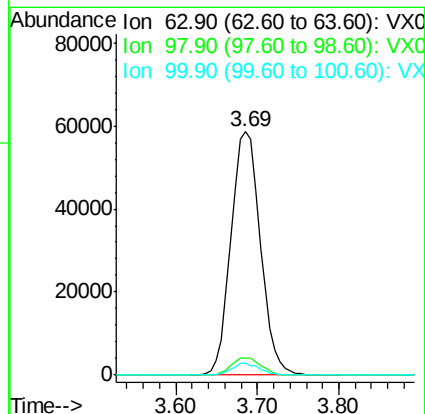
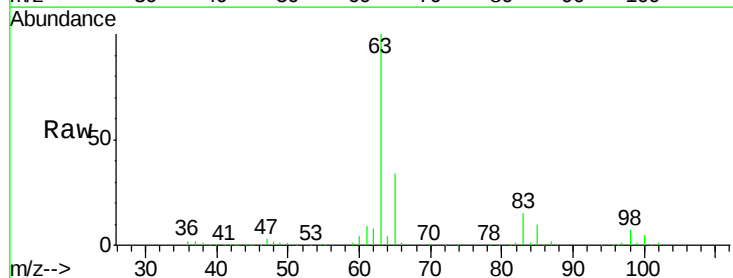
Tgt Ion: 63 Resp: 145923

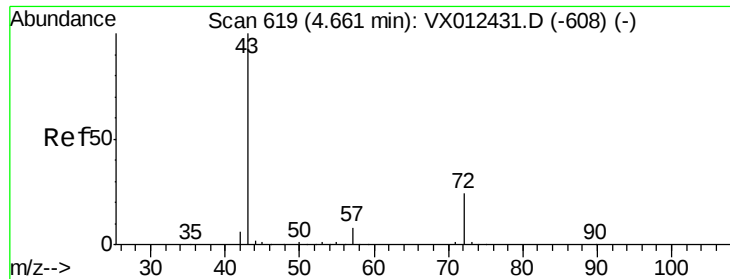
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 228.711 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

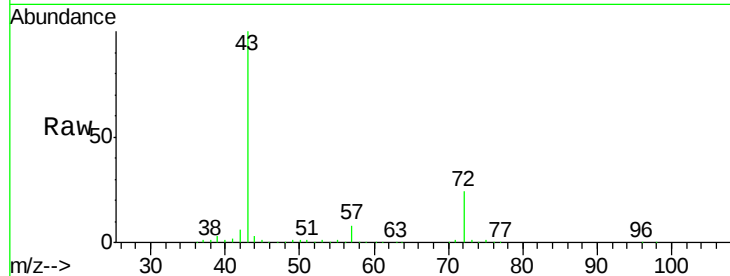
VSTDCCC050EC

Tot Ion: 43 Resp: 396806

Ion Ratio Lower Upper

43 100

72 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

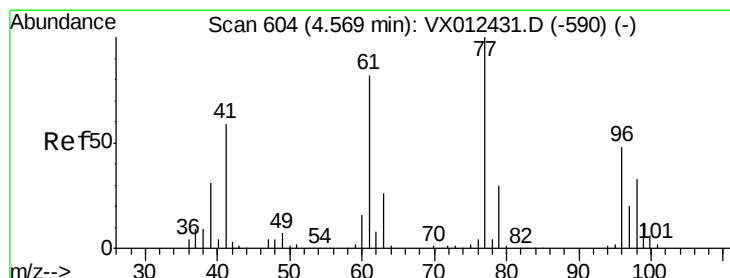
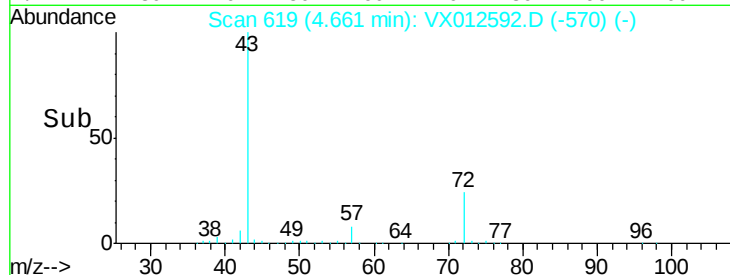
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 30.994 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012592.D

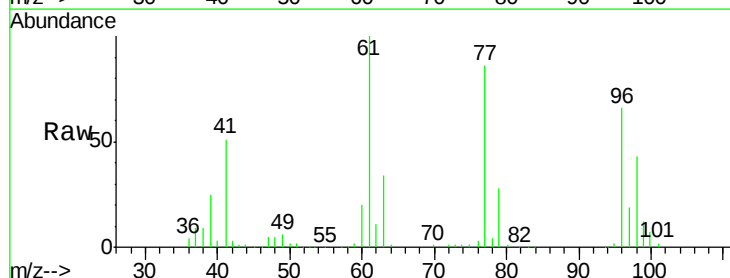
Acq: 21 Sep 2019 05:35

Tgt Ion: 77 Resp: 87229

Ion Ratio Lower Upper

77 100

97 22.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

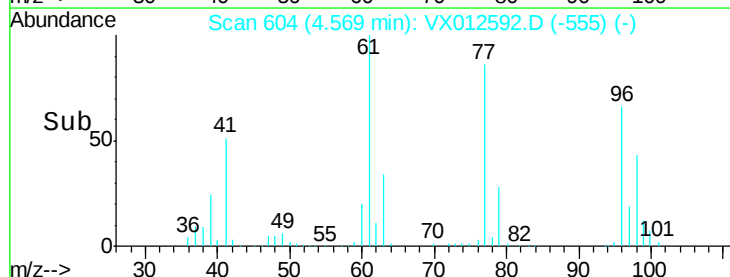
20000

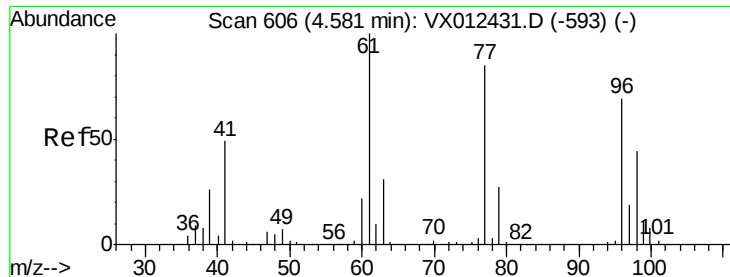
10000

0

4.50 4.60 4.70

Time-->



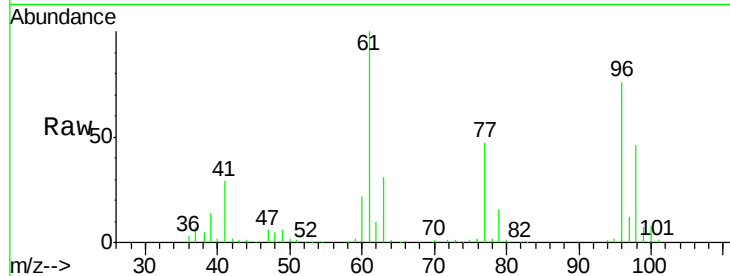


#27

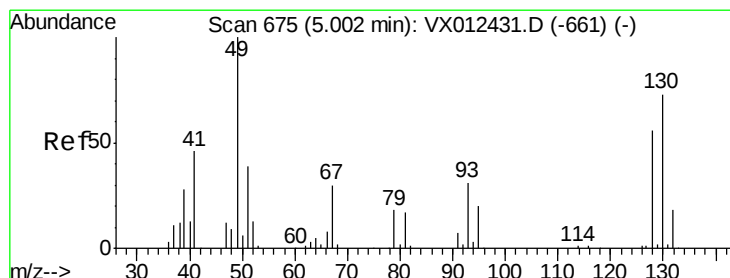
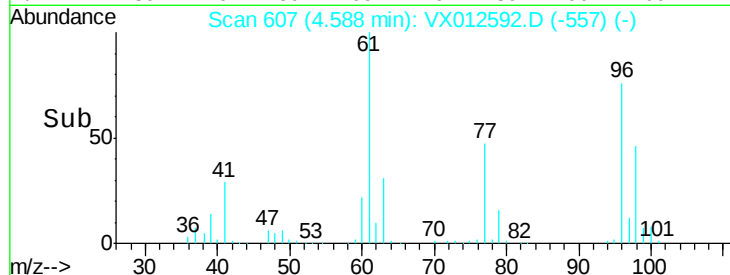
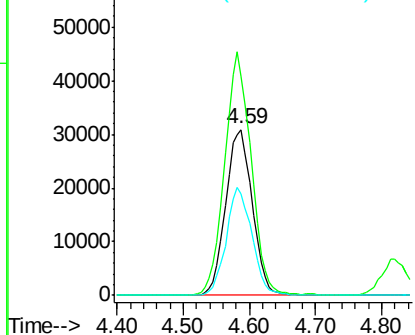
cis-1,2-Dichloroethene
 Concen: 50.761 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 86397
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 319.4
 98 63.1 0.0 130.6



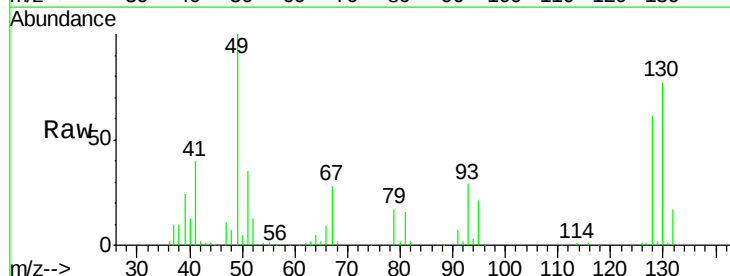
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



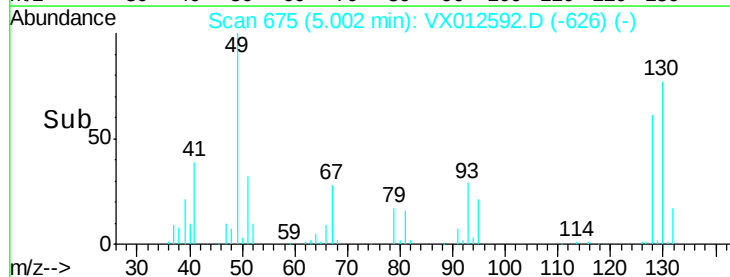
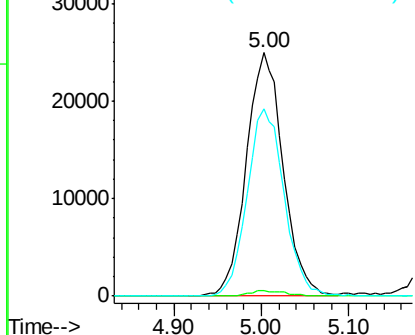
#28

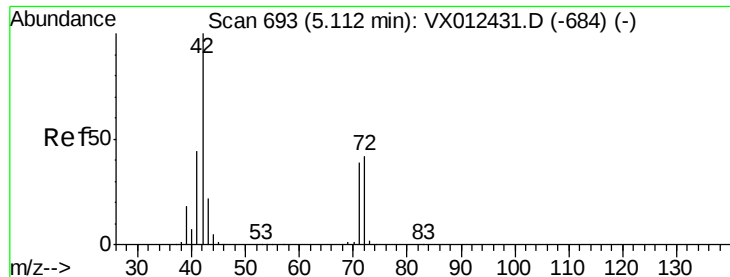
Bromochloromethane
 Concen: 49.534 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion: 49 Resp: 73077
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 77.3 58.2 87.4



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

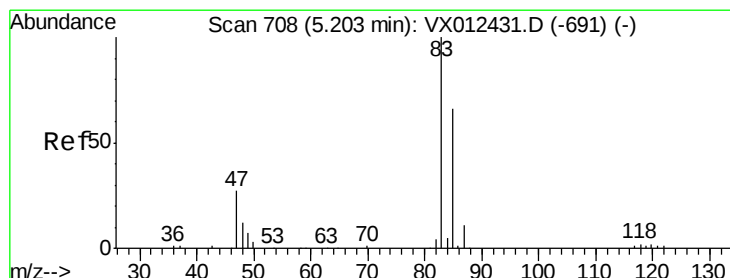
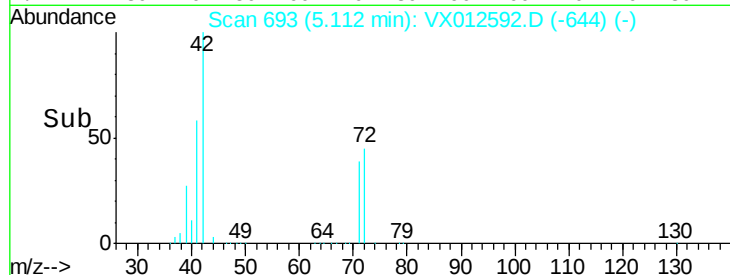
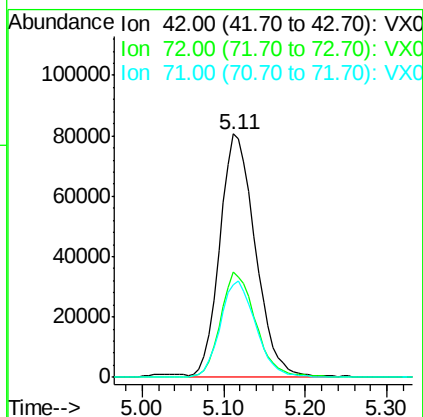
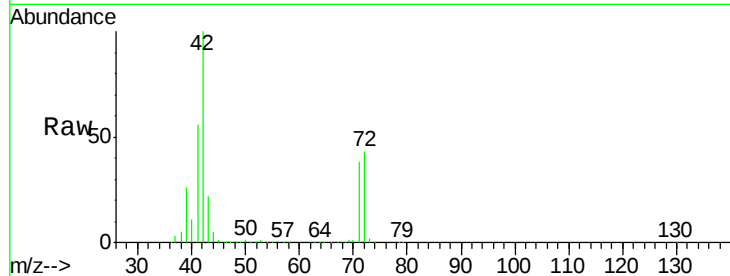




#29
Tetrahydrofuran
Concen: 252.734 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

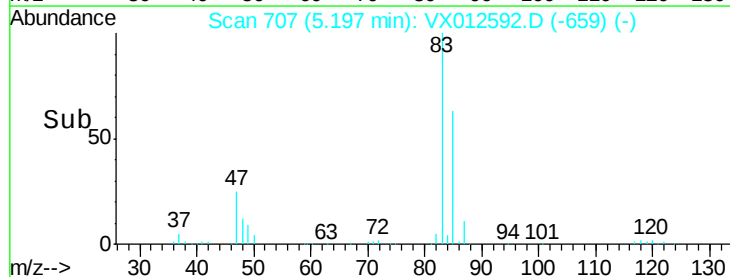
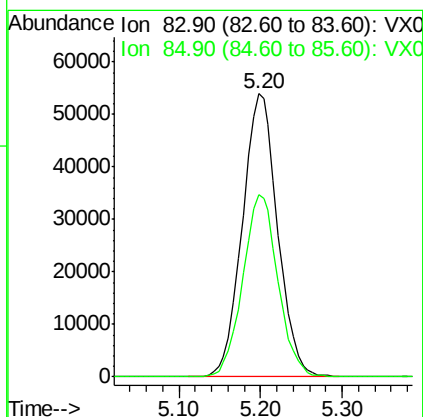
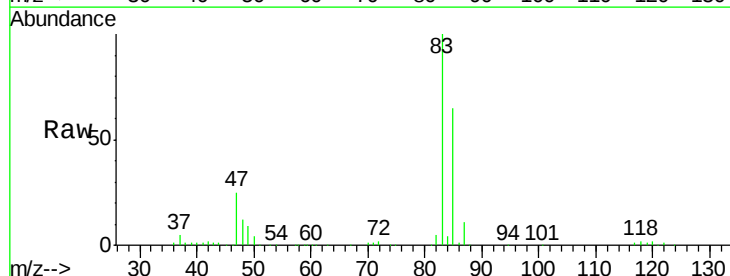
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

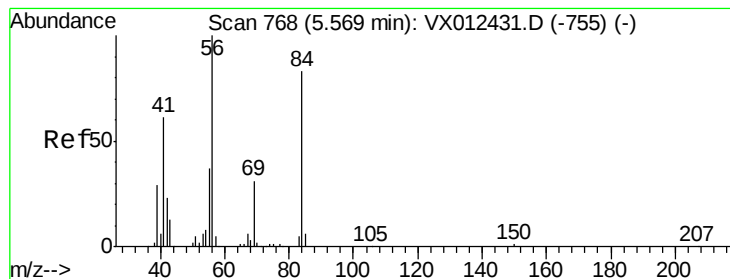
Tot Ion: 42 Resp: 242236
Ion Ratio Lower Upper
42 100
72 43.3 34.0 51.0
71 39.9 31.5 47.3



#30
Chloroform
Concen: 49.180 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 83 Resp: 161631
Ion Ratio Lower Upper
83 100
85 64.6 53.0 79.4





#31

Cyclohexane

Concen: 49.100 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

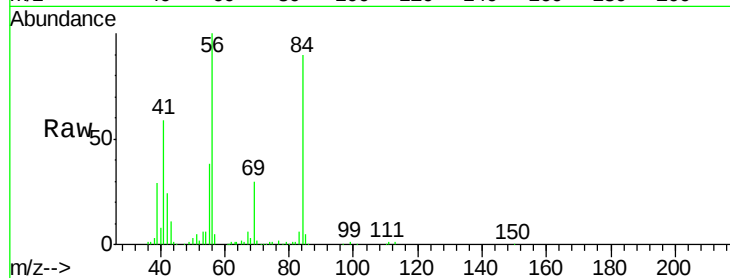
Tot Ion: 56 Resp: 84818

Ion Ratio Lower Upper

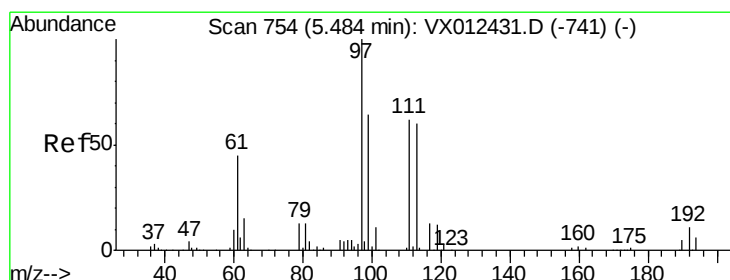
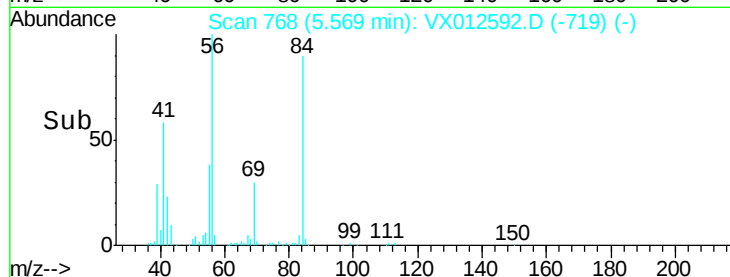
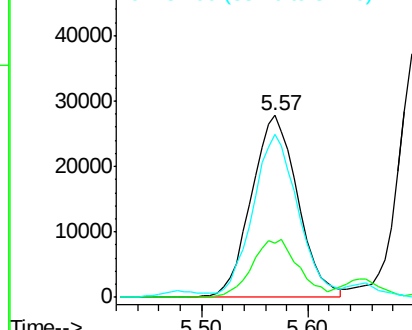
56 100

69 29.8 25.0 37.6

84 86.8 66.4 99.6



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



#32

1,1,1-Trichloroethane

Concen: 48.743 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

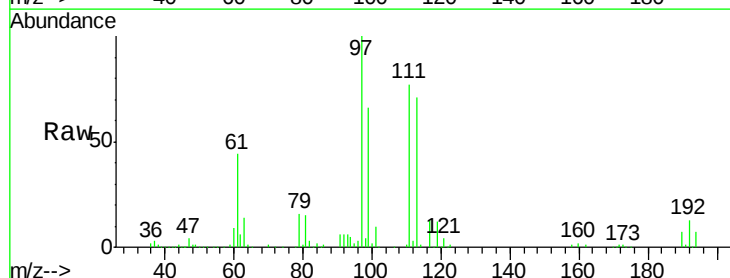
Tgt Ion: 97 Resp: 133891

Ion Ratio Lower Upper

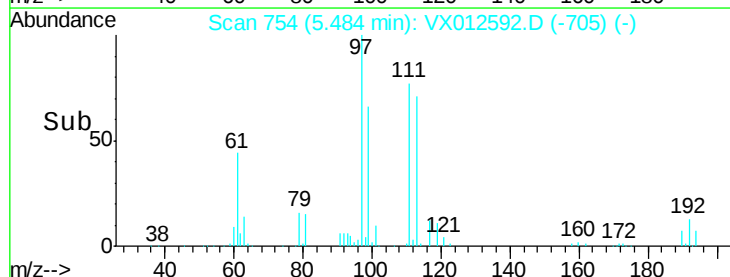
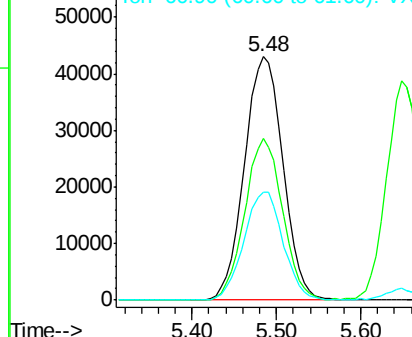
97 100

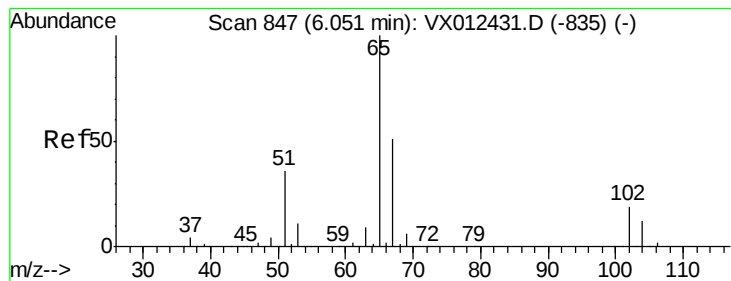
99 65.0 51.3 76.9

61 45.1 36.1 54.1



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





#33

1,2-Dichloroethane-d4

Concen: 49.521 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

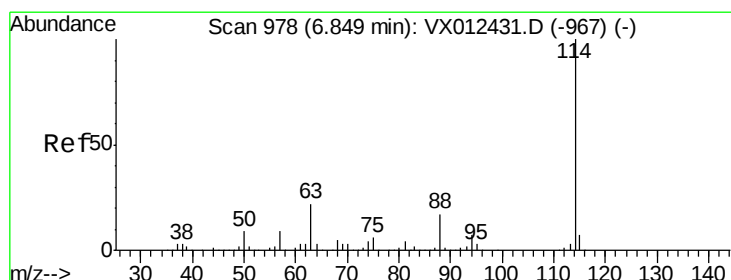
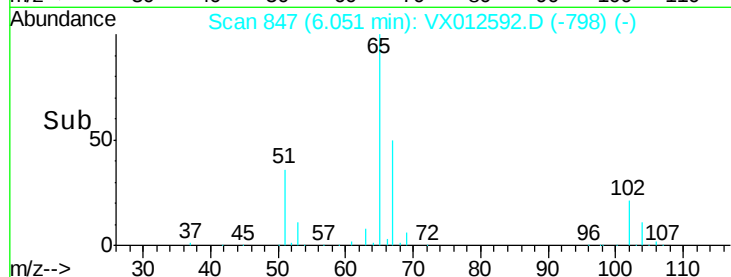
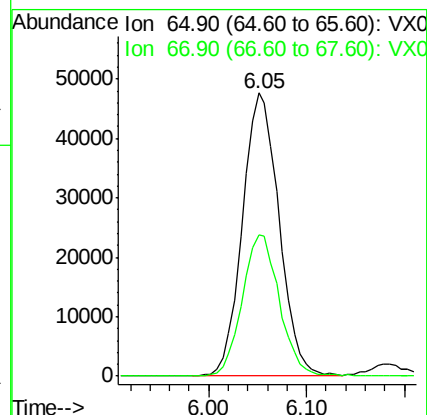
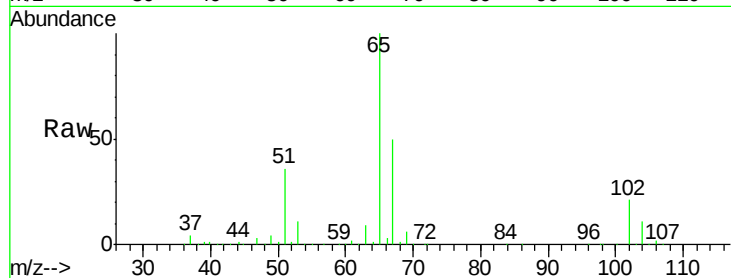
VSTDCCC050EC

Tot Ion: 65 Resp: 123859

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

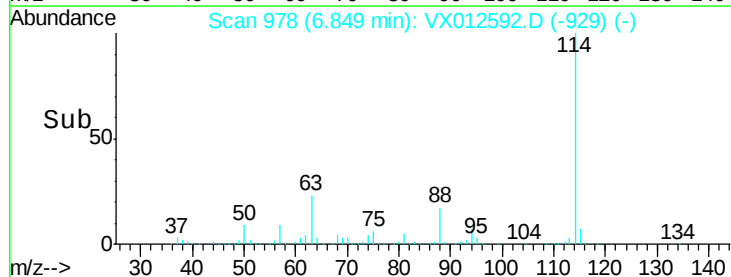
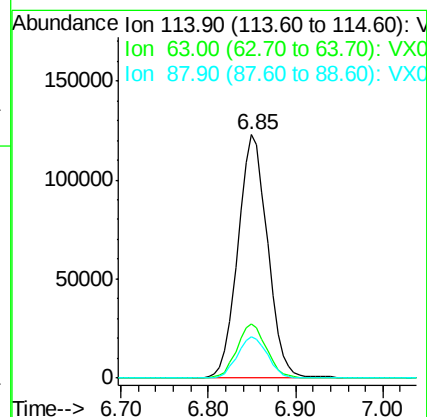
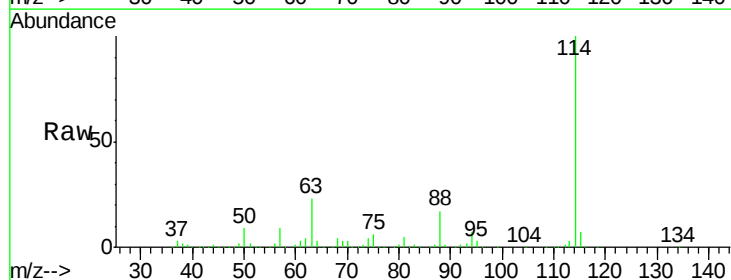
Tgt Ion: 114 Resp: 290124

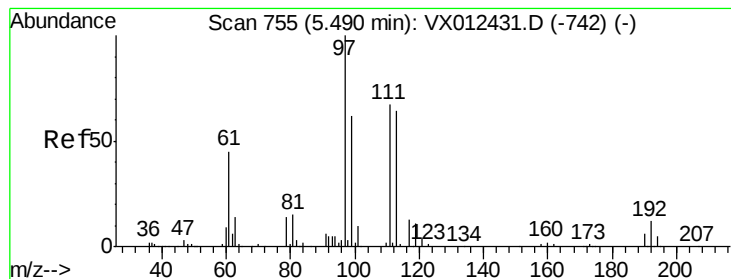
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.967 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

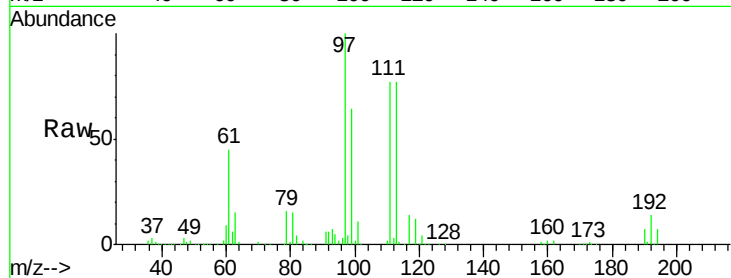
Tot Ion:113 Resp: 91254

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

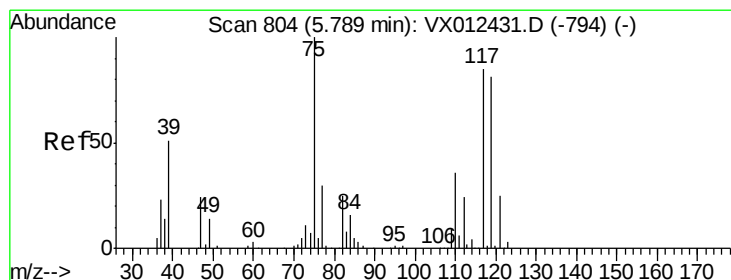
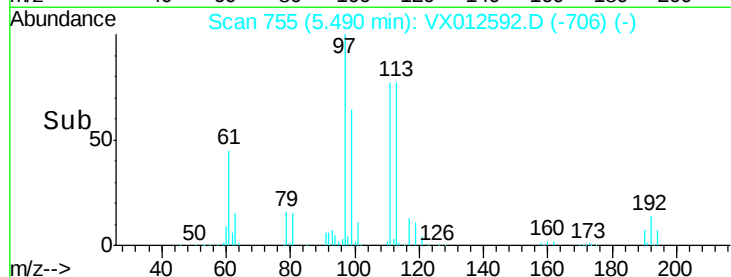
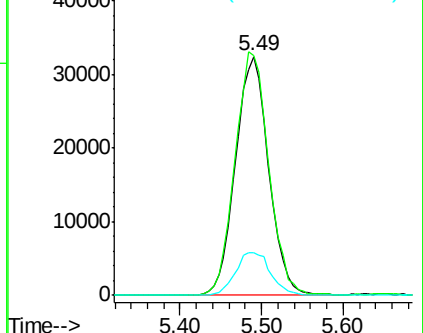
192 19.0 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.751 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

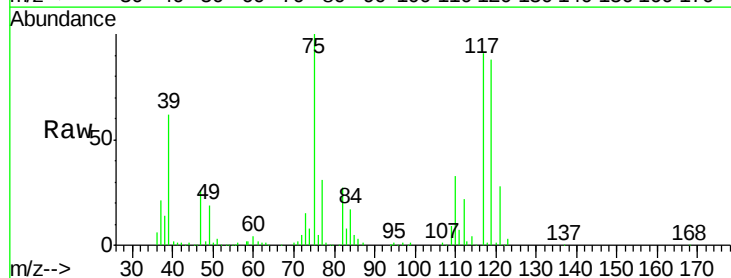
Tgt Ion: 75 Resp: 87722

Ion Ratio Lower Upper

75 100

110 34.9 16.7 50.0

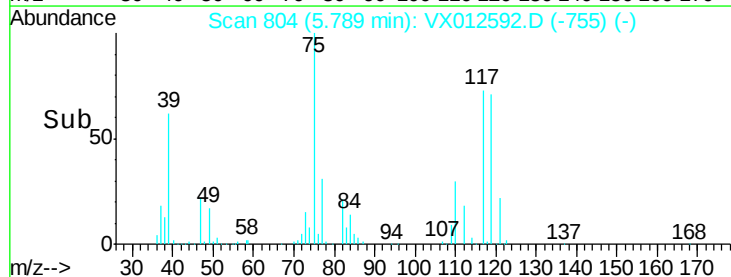
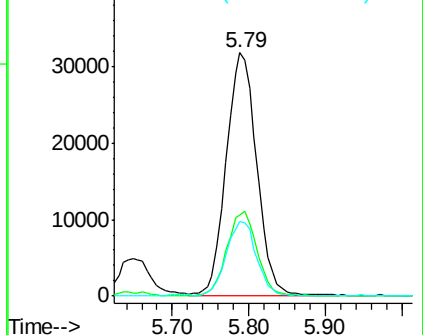
77 30.7 24.2 36.2

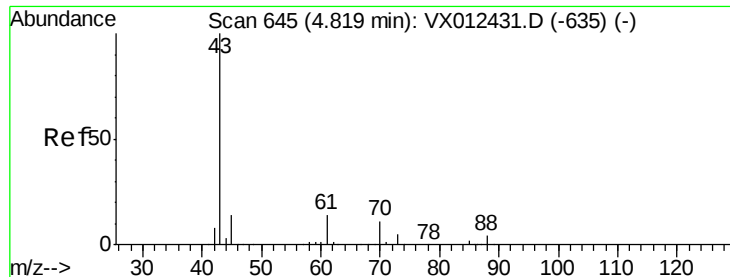


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

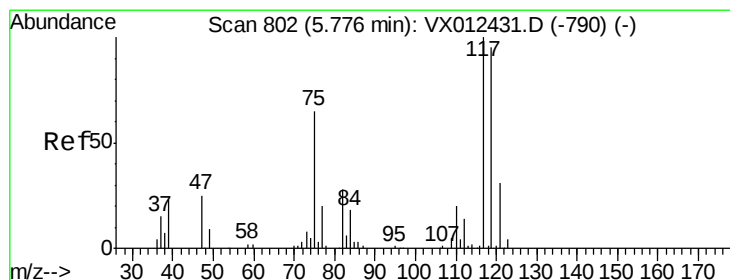
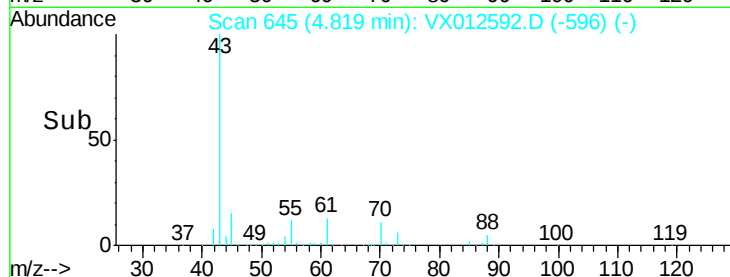
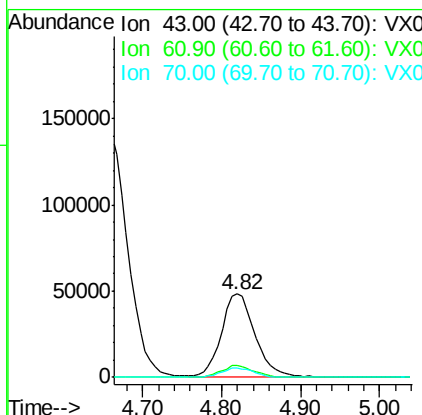
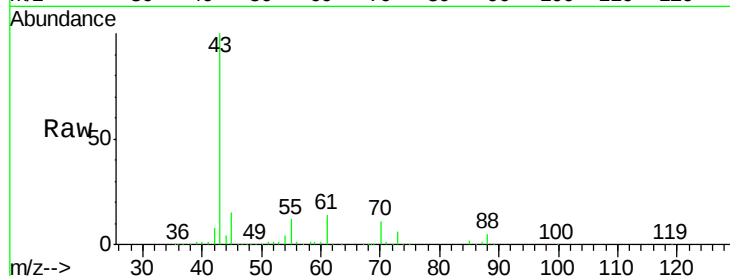




#37
Ethyl Acetate
Concen: 52.429 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

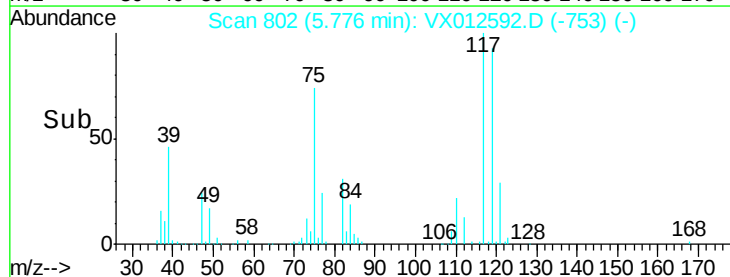
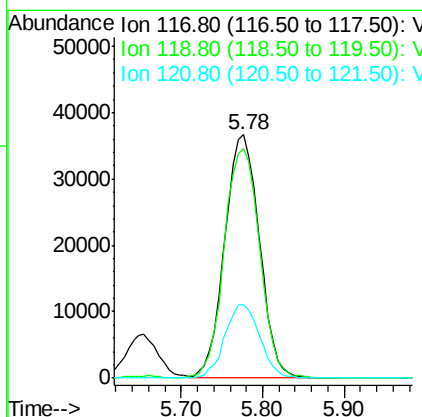
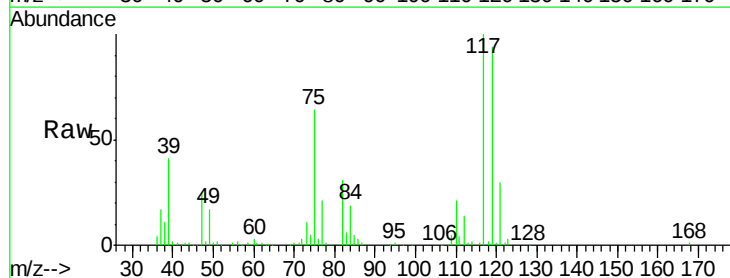
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

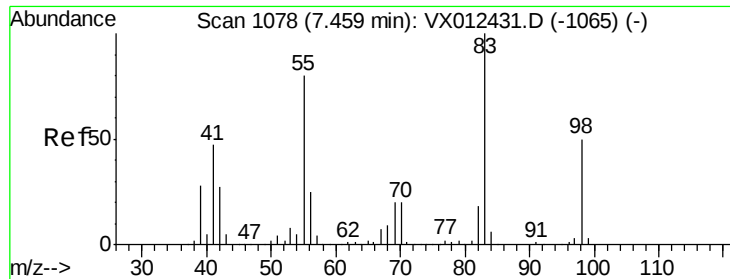
Tot Ion: 43 Resp: 141903
Ion Ratio Lower Upper
43 100
61 13.4 10.2 15.4
70 11.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.380 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 117 Resp: 108290
Ion Ratio Lower Upper
117 100
119 94.2 75.7 113.5
121 30.2 24.2 36.4

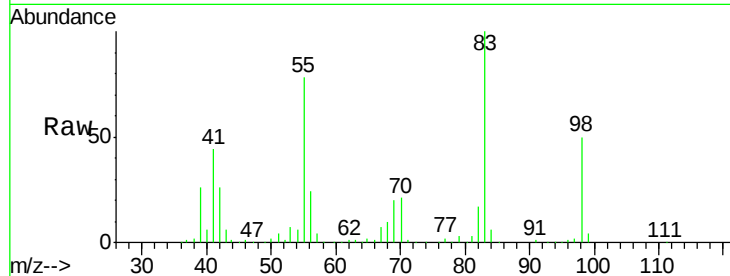




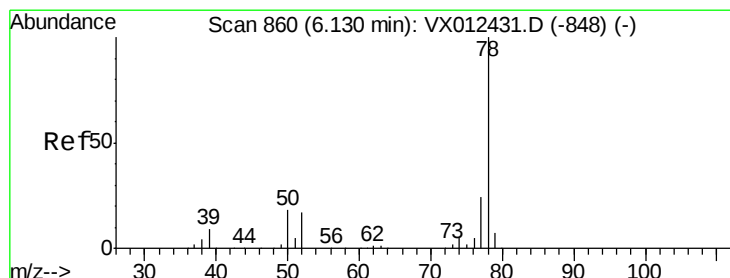
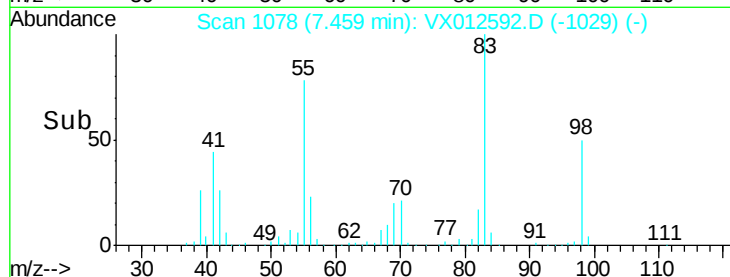
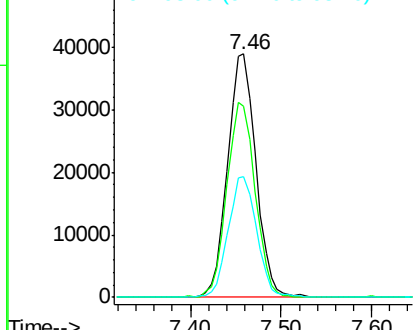
#39
Methvlcvclohexane
Concen: 49.446 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 84756
Ion Ratio Lower Upper
83 100
55 78.4 64.4 96.6
98 49.5 40.1 60.1

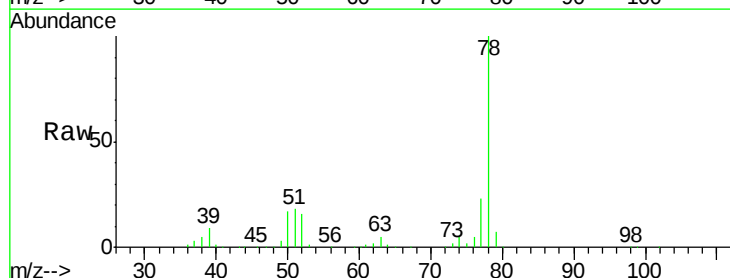


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

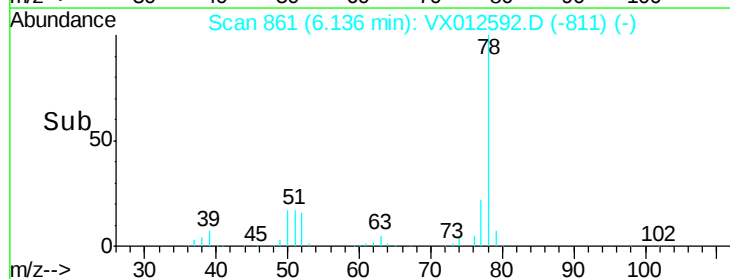
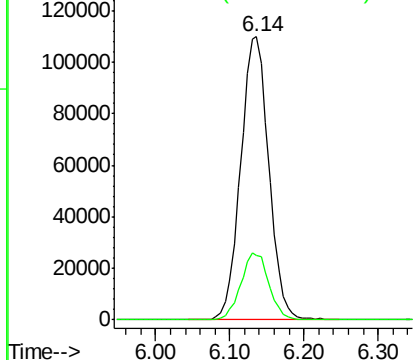


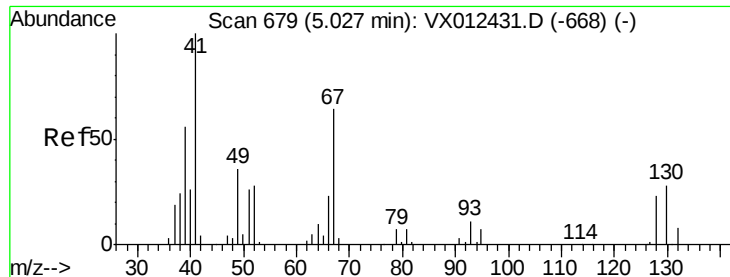
#40
Benzene
Concen: 52.004 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 78 Resp: 291587
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8



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

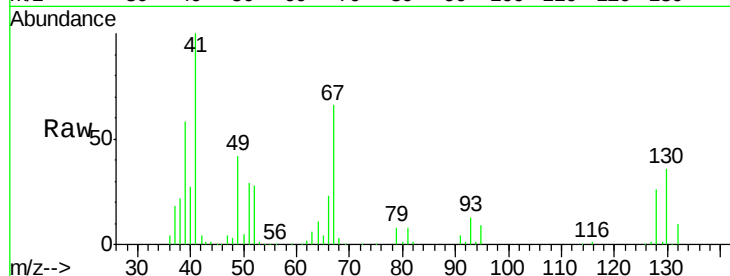




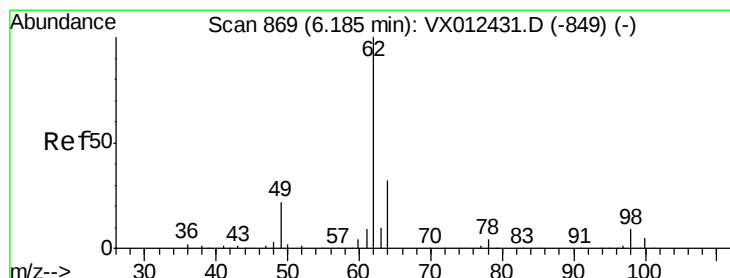
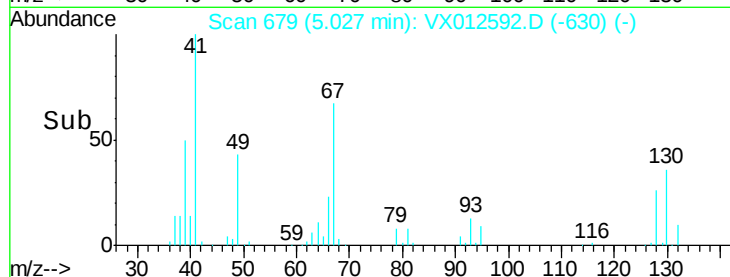
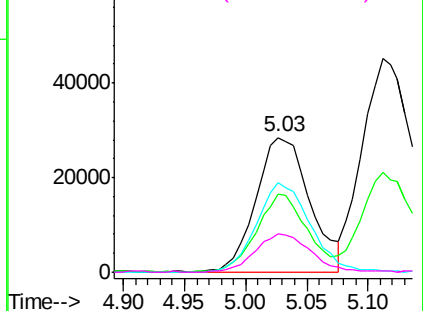
#41
Methacrylonitrile
Concen: 50.088 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	87291
Ion	Ratio	Lower	Upper
41	100		
39	52.9	46.0	69.0
67	66.5	52.2	78.2
52	29.4	22.7	34.1

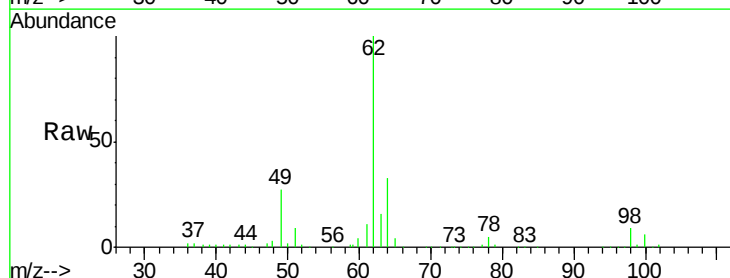


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

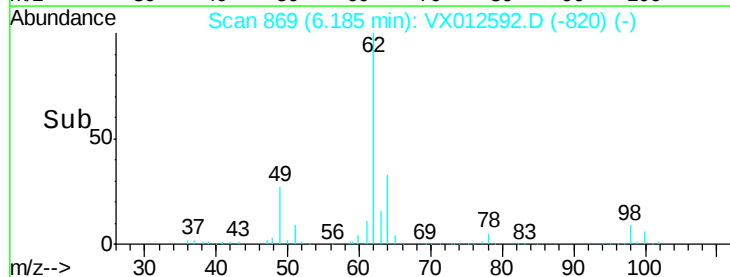
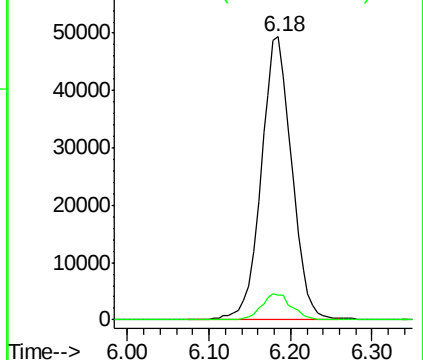


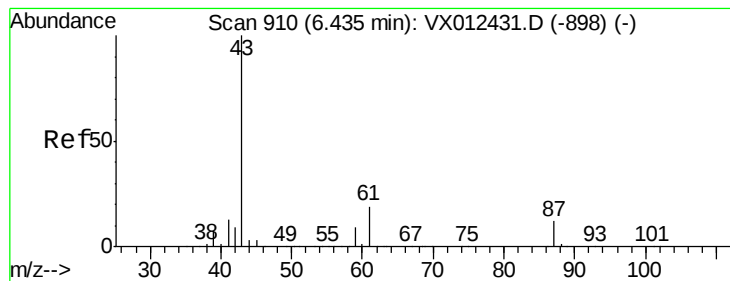
#42
1,2-Dichloroethane
Concen: 49.407 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion:	62	Resp:	128489
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



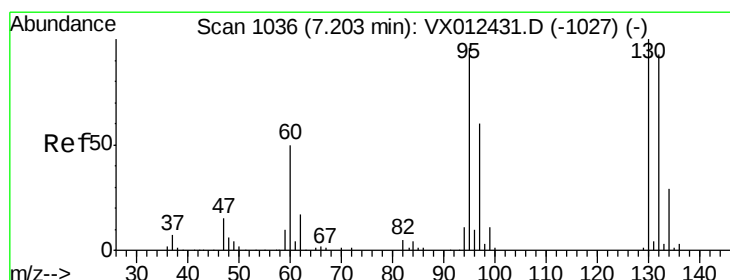
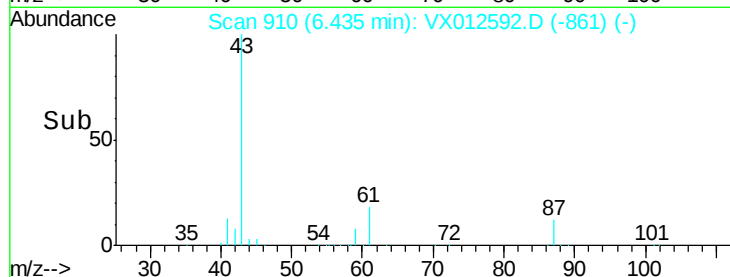
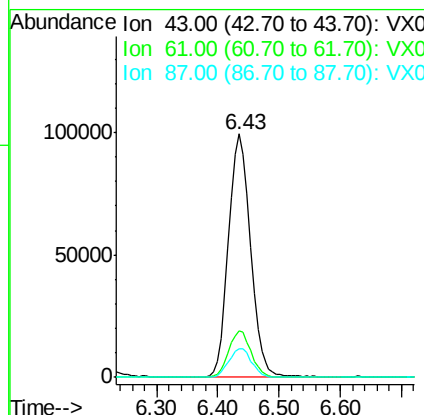
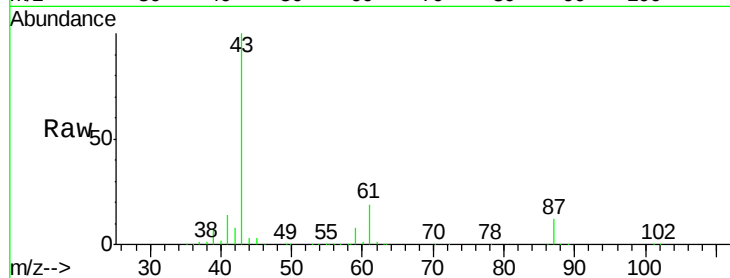


#43

Isopropyl Acetate
 Concen: 50.564 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

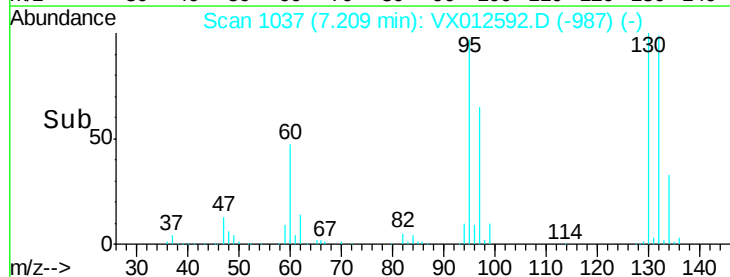
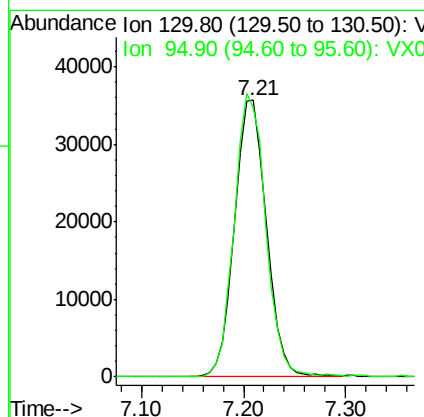
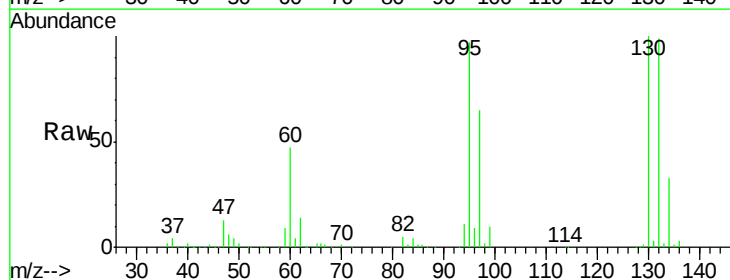
Tot Ion	43	Resp	245627
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.4	23.0
87	12.4	9.8	14.8

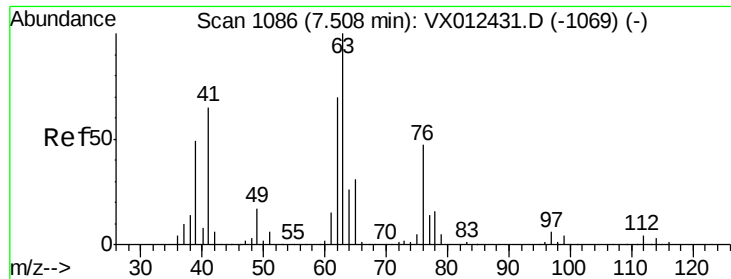


#44

Trichloroethene
 Concen: 52.520 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion	130	Resp	77464
Ion Ratio	Lower	Upper	
130	100		
95	97.2	0.0	193.0





#45

1,2-Dichloropropane

Concen: 51.700 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

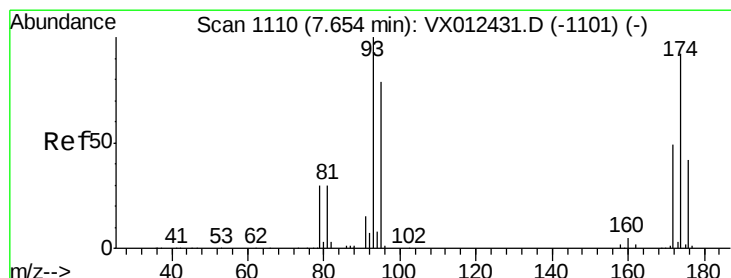
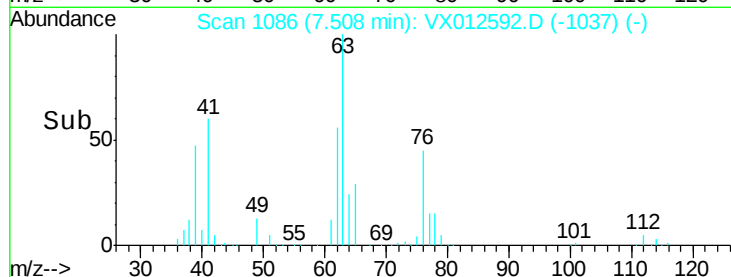
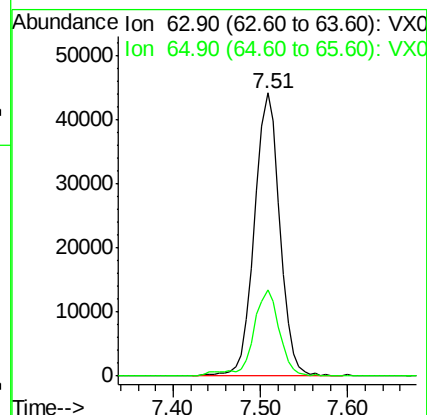
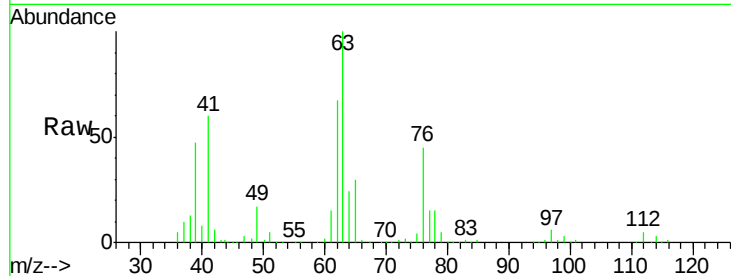
VSTDCCC050EC

Tot Ion: 63 Resp: 89060

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.6



#46

Dibromomethane

Concen: 50.626 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

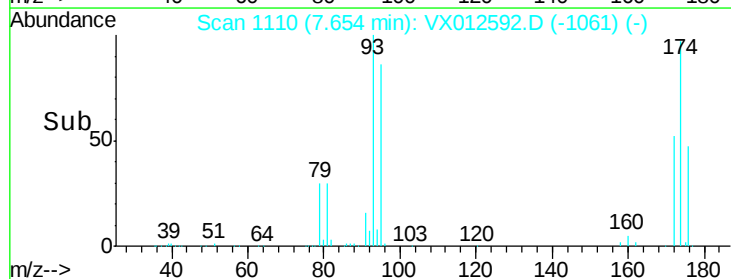
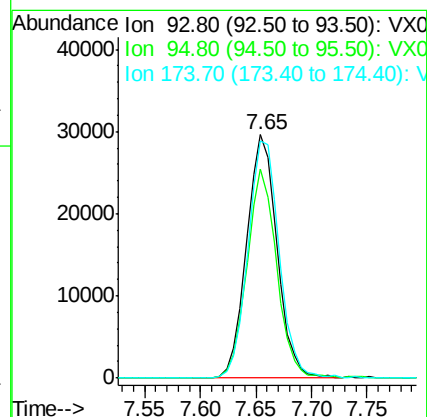
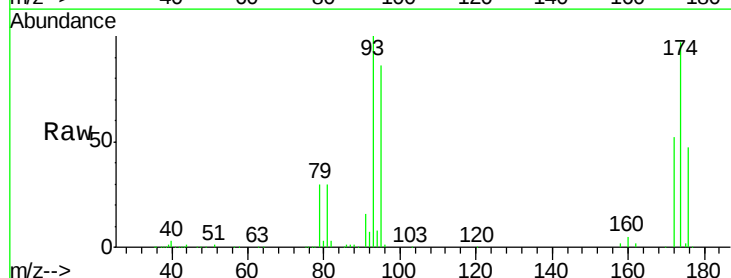
Tgt Ion: 93 Resp: 56435

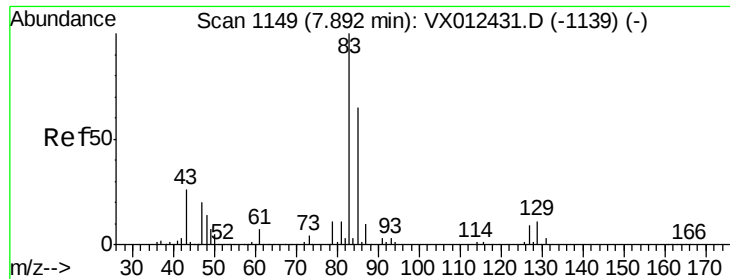
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 99.6 77.4 116.0





#47

Bromodichloromethane

Concen: 51.015 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

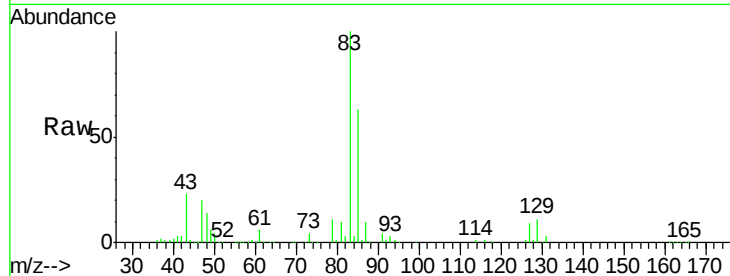
Tot Ion: 83 Resp: 126624

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6

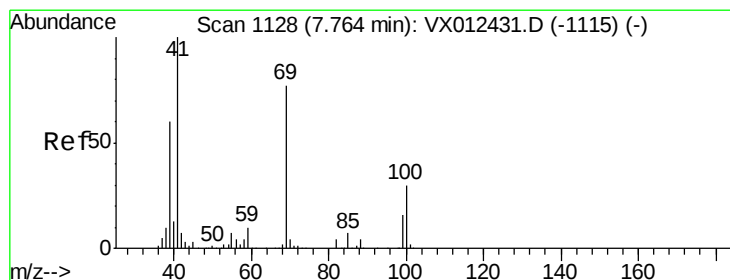
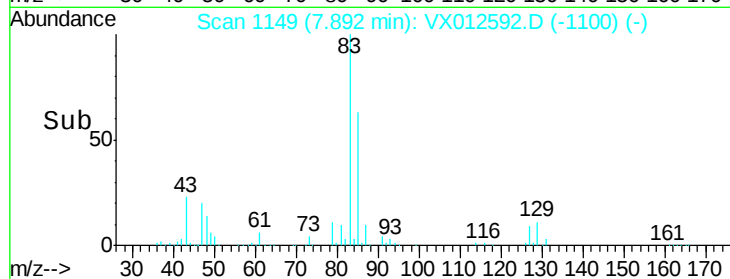
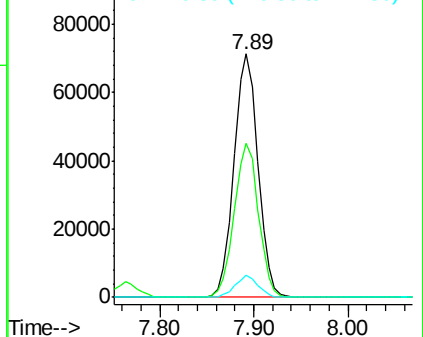
127 9.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.391 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

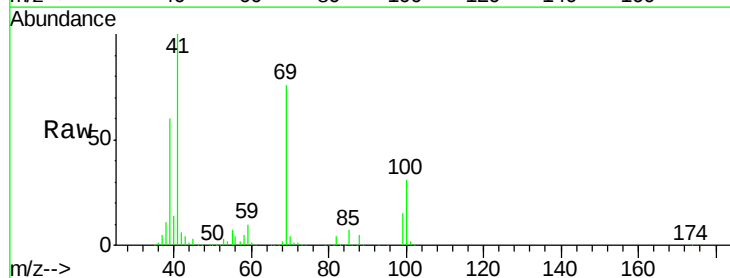
Tgt Ion: 41 Resp: 115392

Ion Ratio Lower Upper

41 100

69 76.3 59.9 89.9

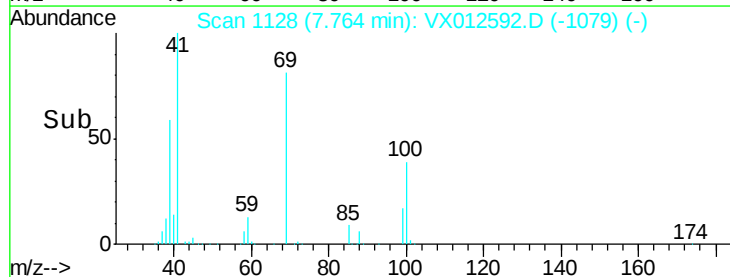
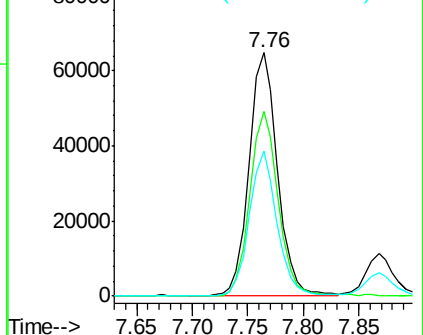
39 58.0 47.8 71.6

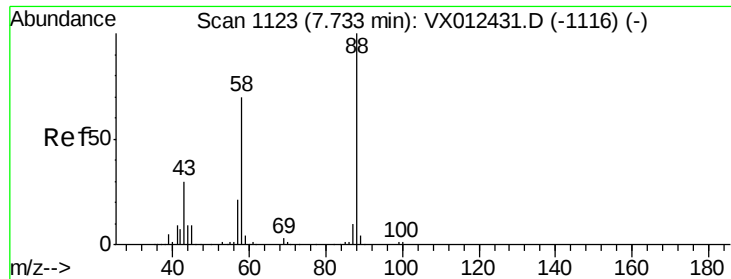


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 975.716 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

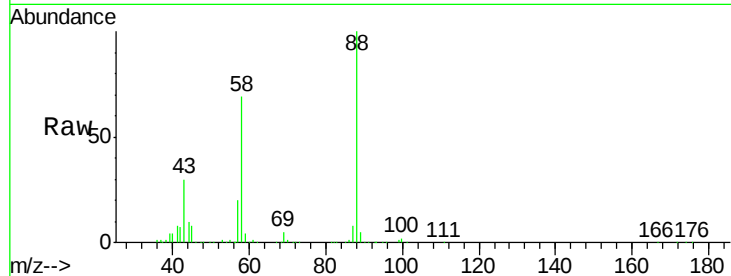
Tot Ion: 88 Resp: 54379

Ion Ratio Lower Upper

88 100

43 35.1 29.4 44.0

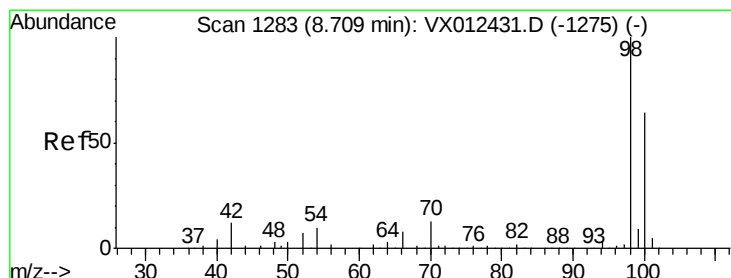
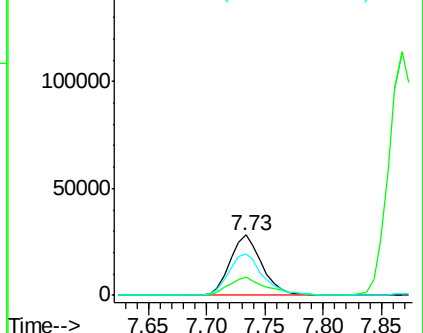
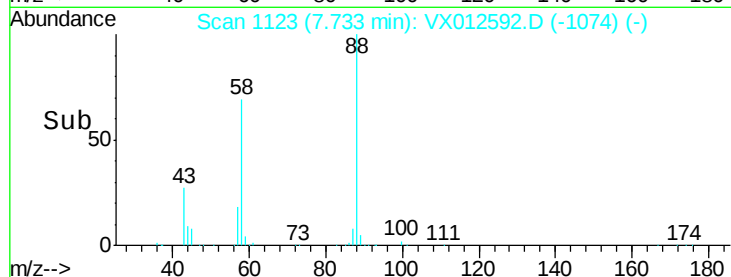
58 73.7 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.390 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012592.D

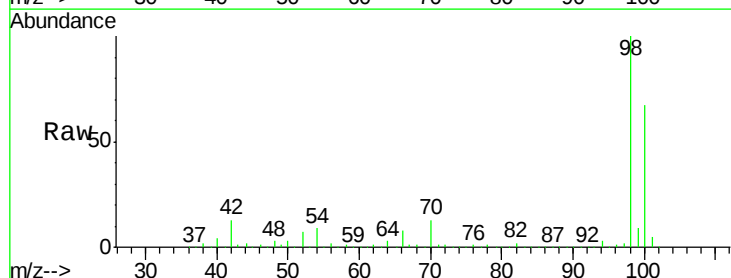
Acq: 21 Sep 2019 05:35

Tgt Ion: 98 Resp: 334019

Ion Ratio Lower Upper

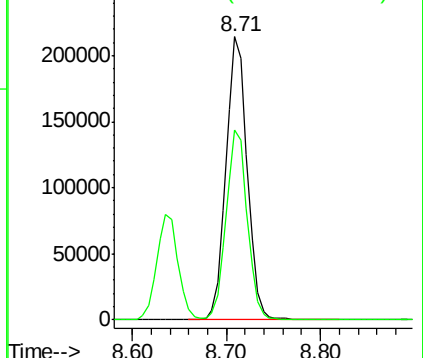
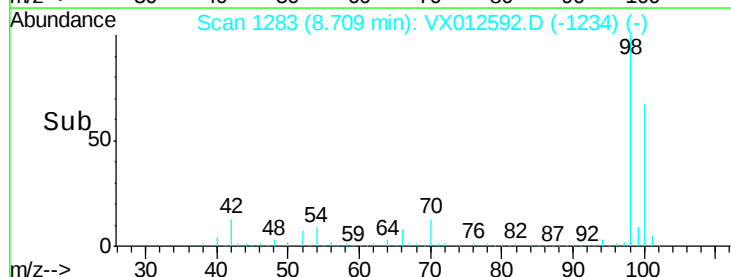
98 100

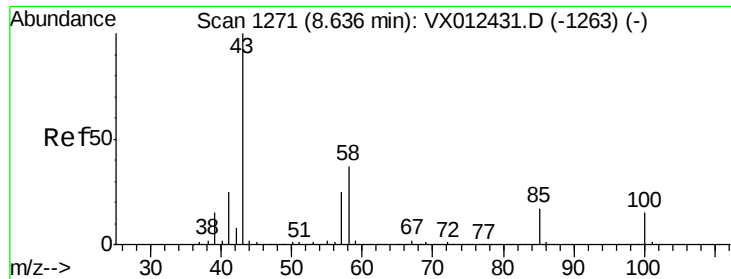
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 252.265 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

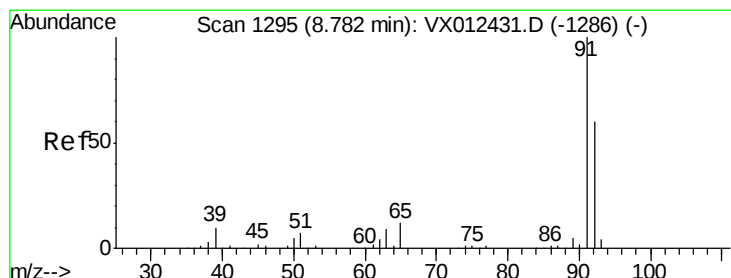
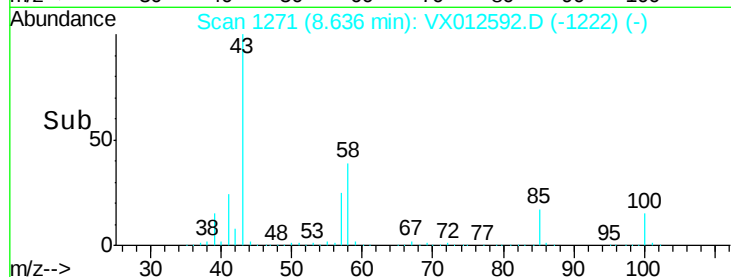
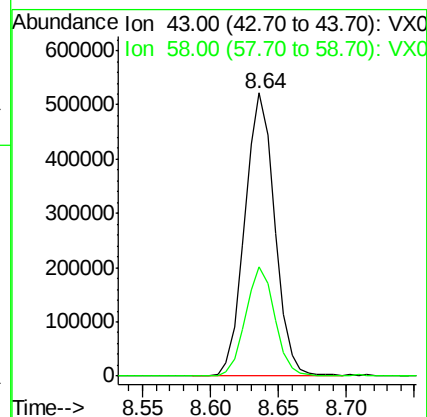
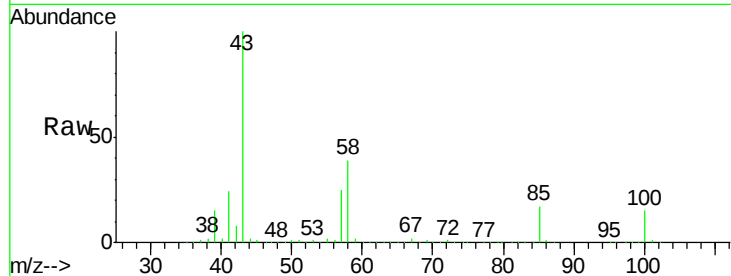
VSTDCCC050EC

Tot Ion: 43 Resp: 803639

Ion Ratio Lower Upper

43 100

58 38.0 29.8 44.6



#52

Toluene

Concen: 51.963 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012592.D

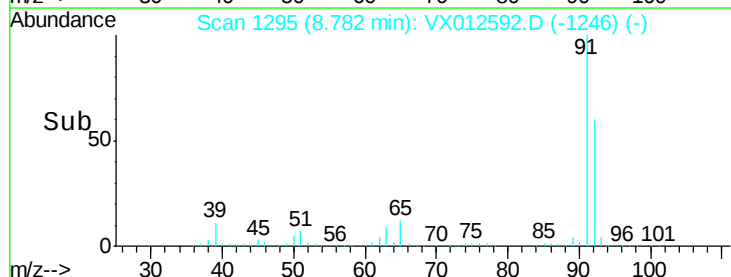
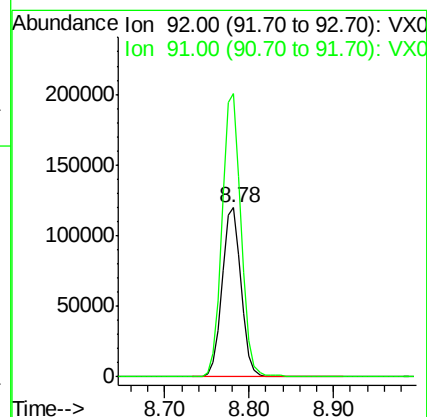
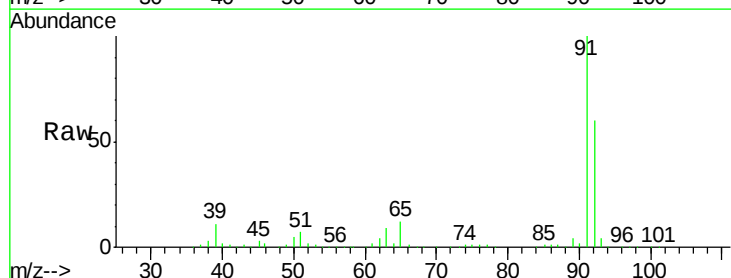
Acq: 21 Sep 2019 05:35

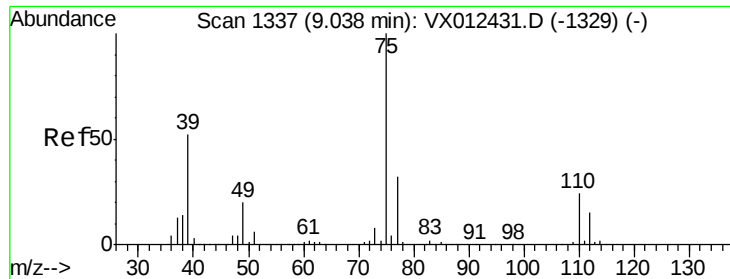
Tgt Ion: 92 Resp: 187742

Ion Ratio Lower Upper

92 100

91 166.6 135.4 203.0

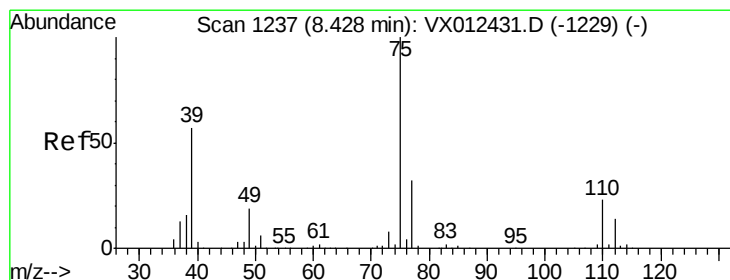
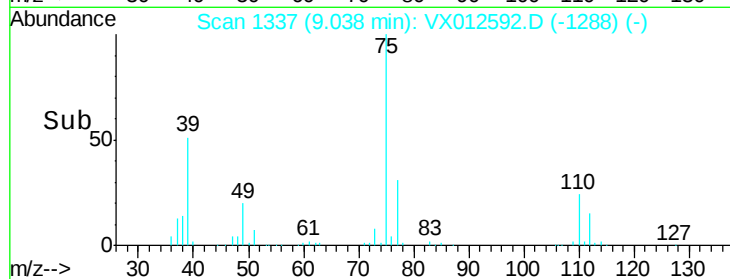
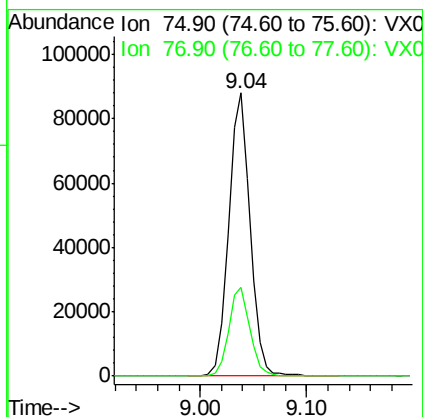
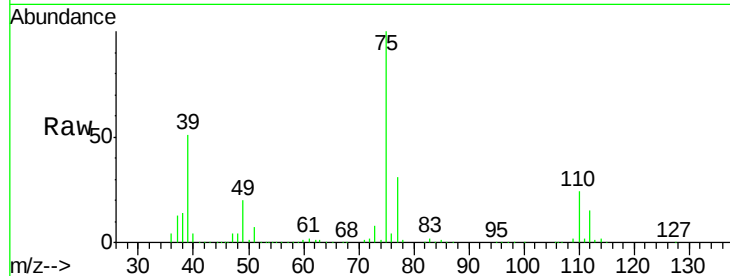




#53
 t-1,3-Dichloropropene
 Concen: 47.961 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

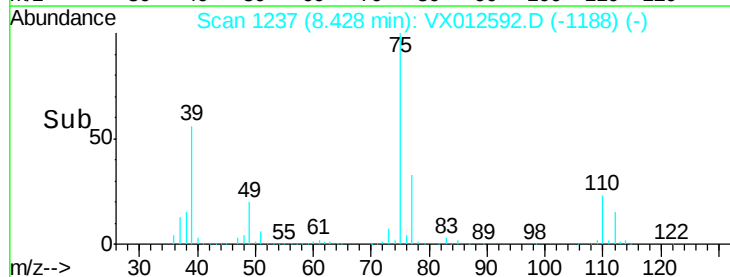
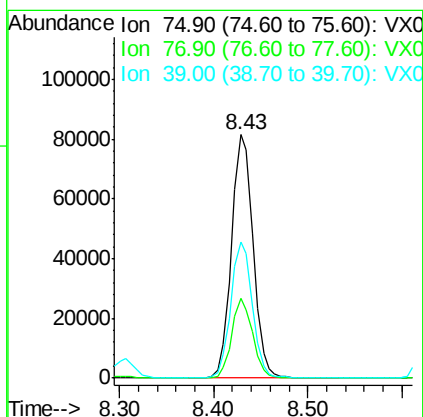
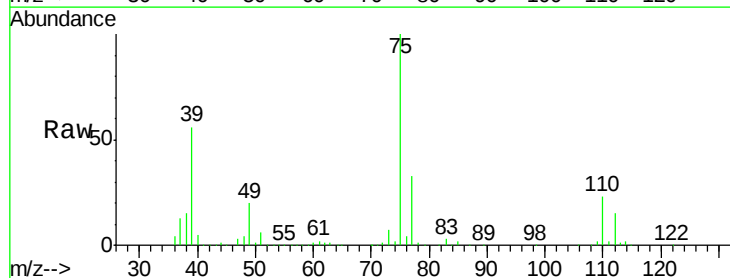
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

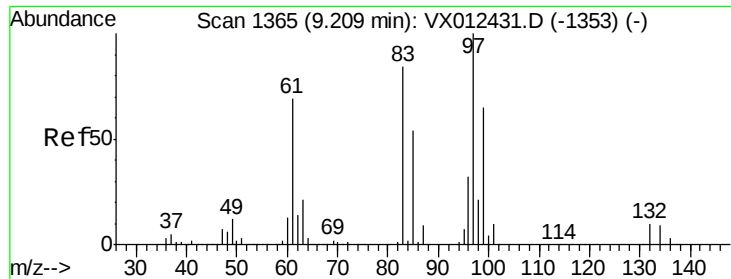
Tot Ion: 75 Resp: 123746
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.569 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion: 75 Resp: 129734
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.8
 39 55.9 45.5 68.3

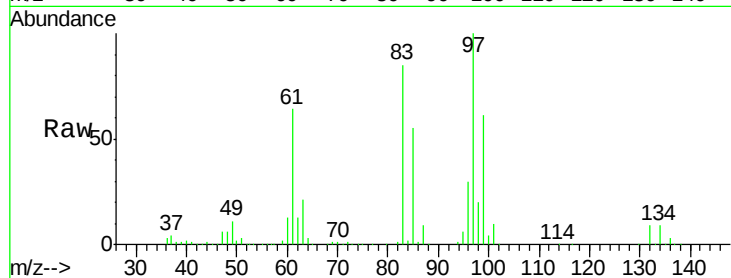




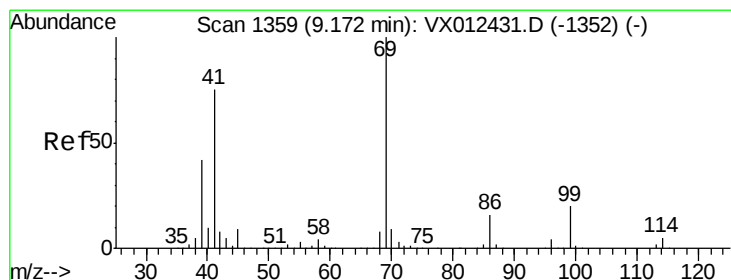
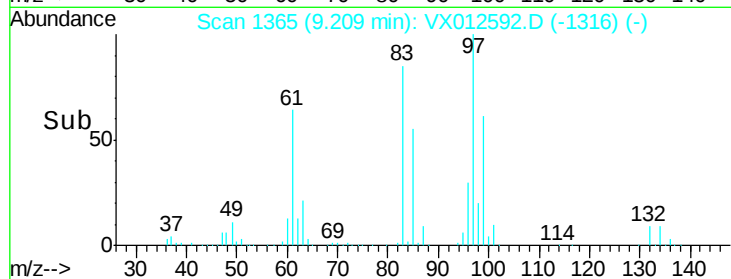
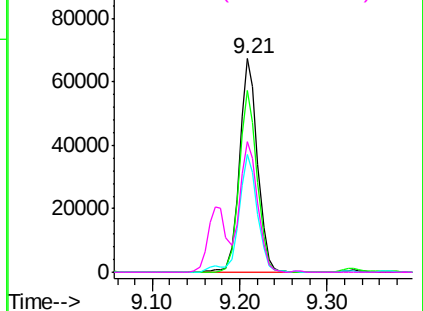
#55
 1,1,2-Trichloroethane
 Concen: 52.007 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 96805
 Ion Ratio Lower Upper
 97 100
 83 85.3 67.4 101.2
 85 55.4 43.5 65.3
 99 60.9 51.8 77.8

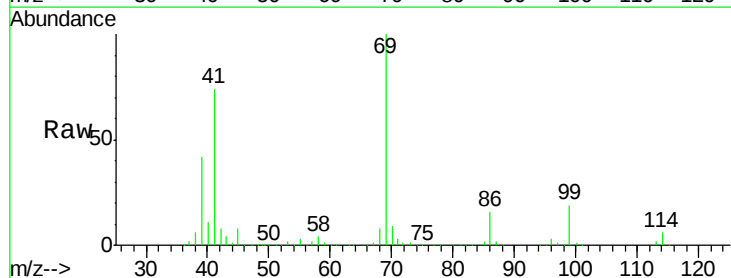


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

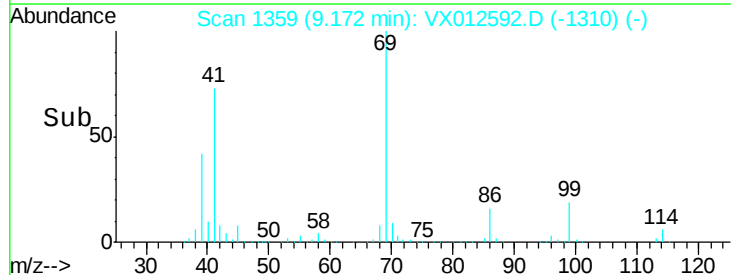
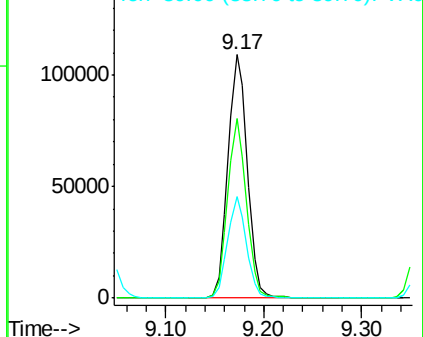


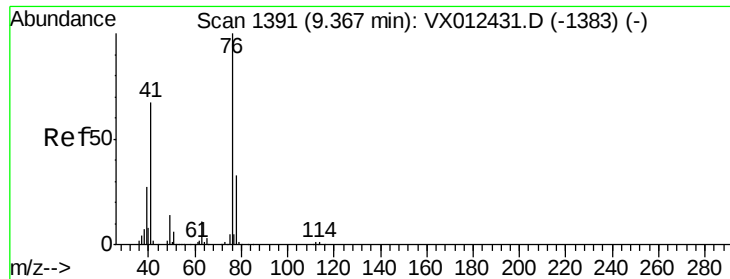
#56
 Ethyl methacrylate
 Concen: 51.891 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion: 69 Resp: 151017
 Ion Ratio Lower Upper
 69 100
 41 71.0 58.4 87.6
 39 40.2 33.4 50.0



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





#57

1,3-Dichloropropane

Concen: 52.536 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

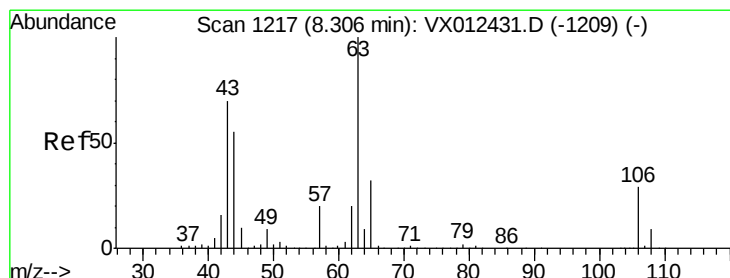
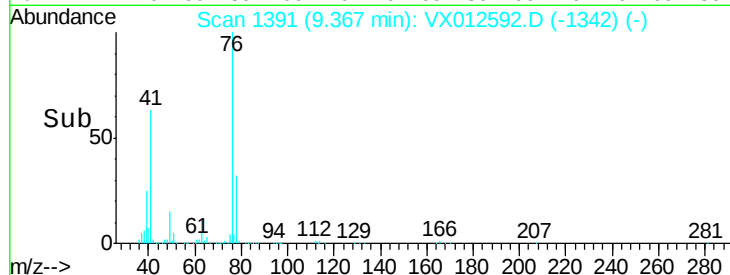
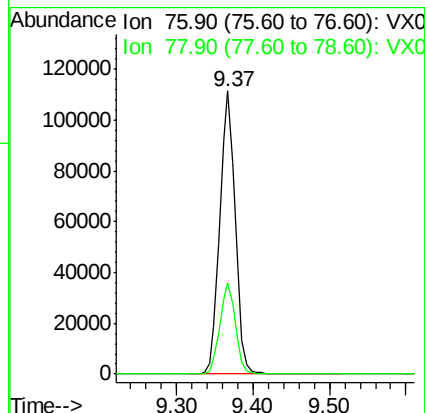
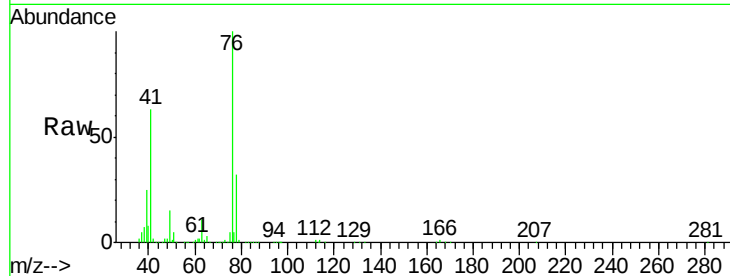
VSTDCCC050EC

Tot Ion: 76 Resp: 156024

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 268.100 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012592.D

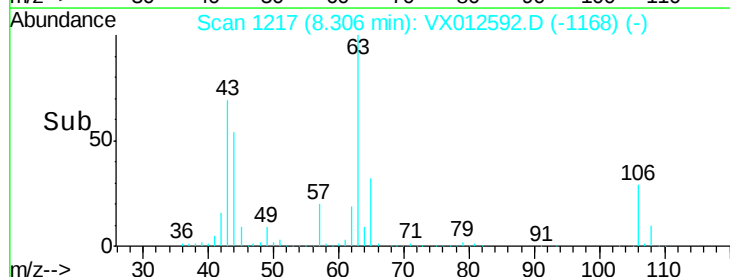
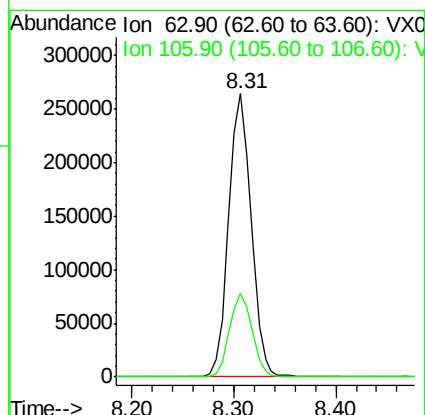
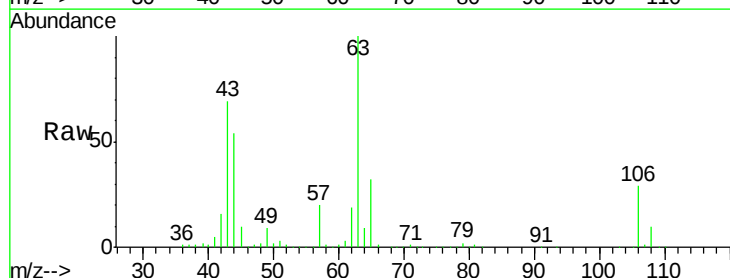
Acq: 21 Sep 2019 05:35

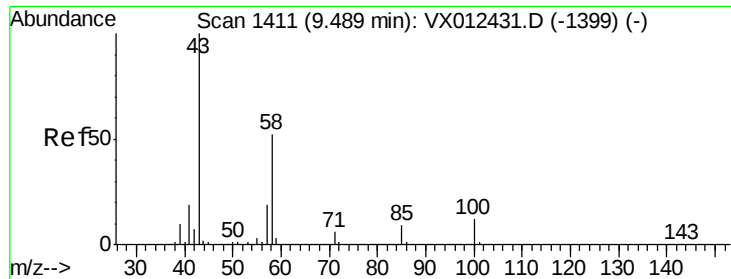
Tgt Ion: 63 Resp: 403886

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.6

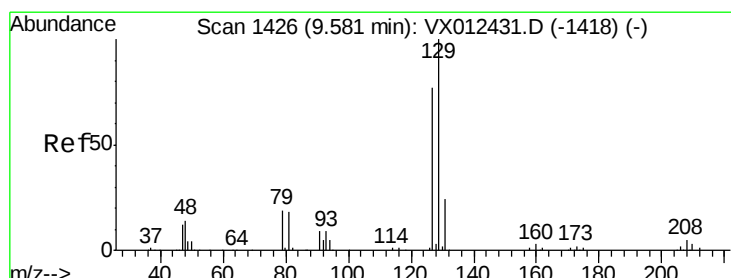
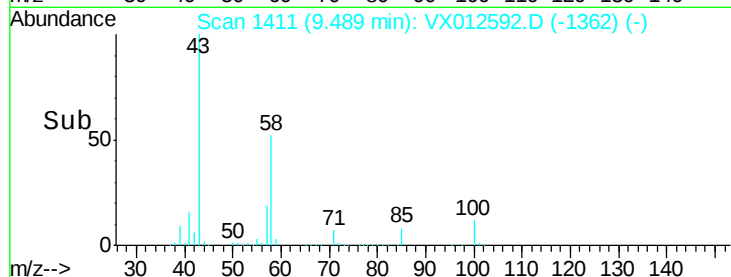
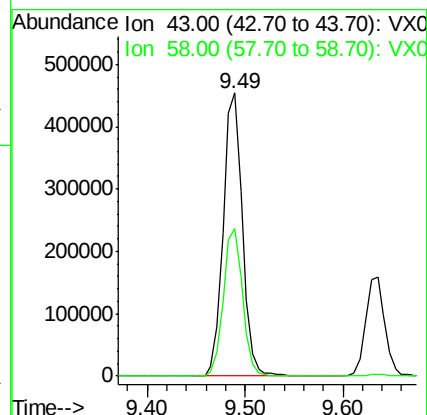
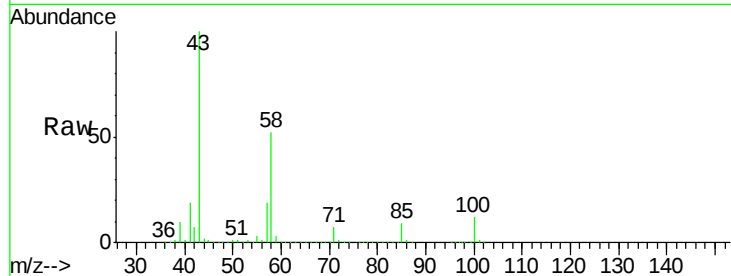




#59
2-Hexanone
Concen: 248.231 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

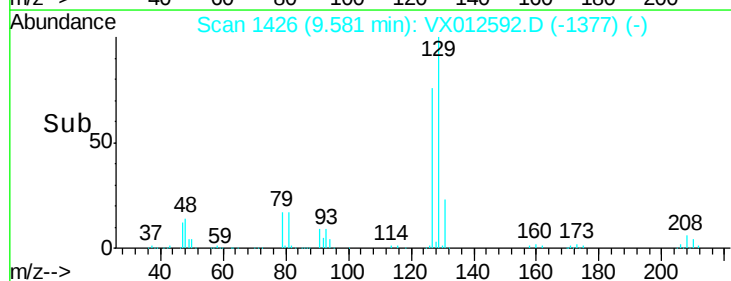
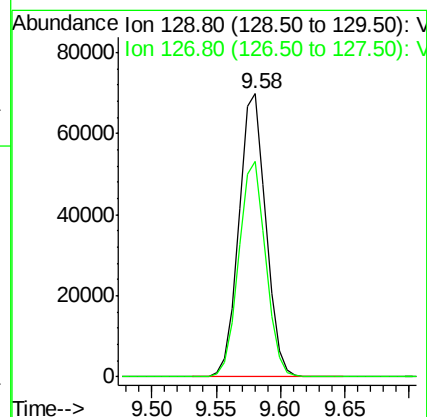
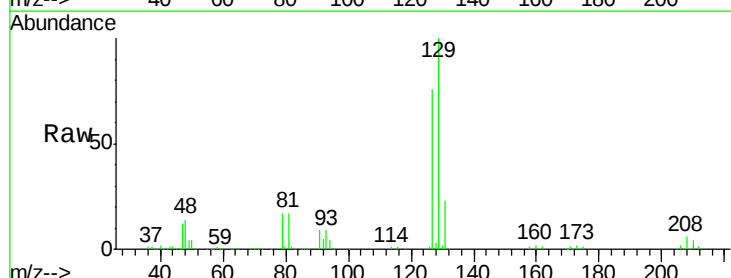
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

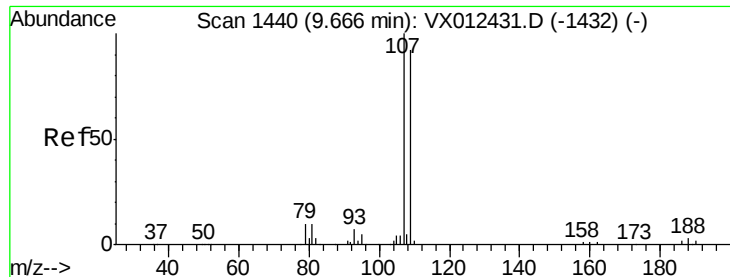
Tot Ion: 43 Resp: 616947
Ion Ratio Lower Upper
43 100
58 52.4 25.7 77.1



#60
Dibromochloromethane
Concen: 53.613 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion:129 Resp: 101652
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.781 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

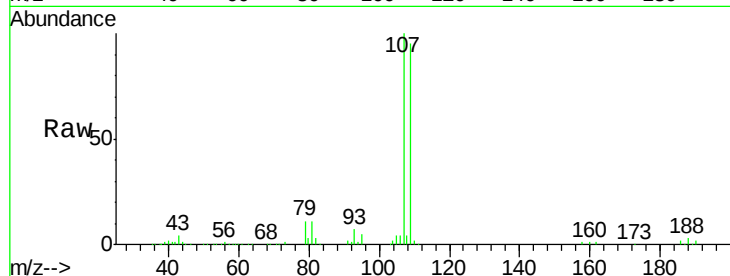
VSTDCCC050EC

Tot Ion:107 Resp: 89728

Ion Ratio Lower Upper

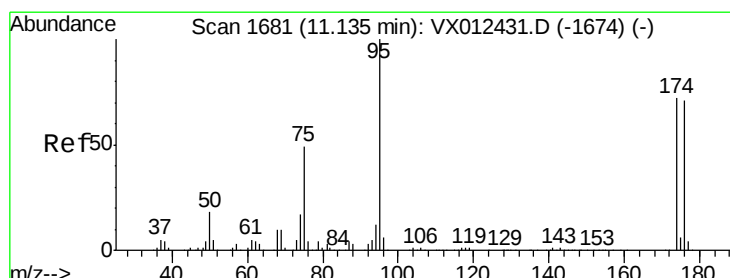
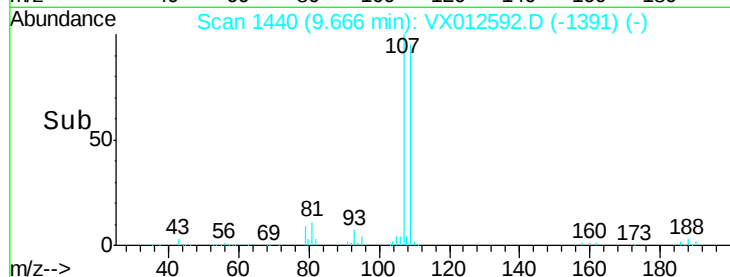
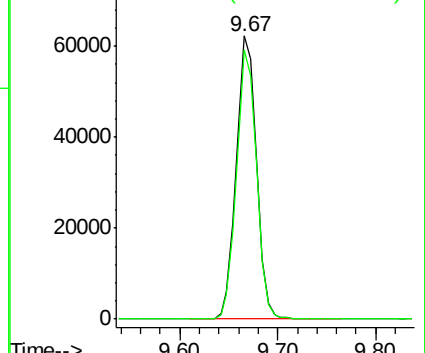
107 100

109 94.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.809 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

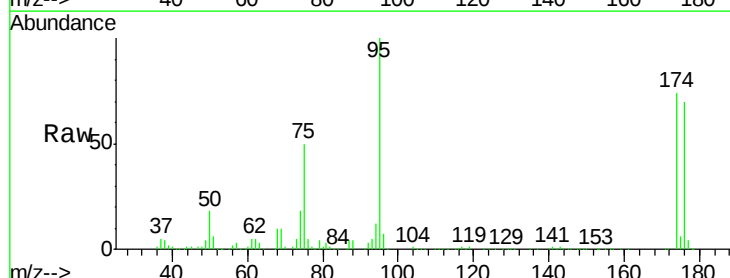
Tgt Ion: 95 Resp: 137119

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.0

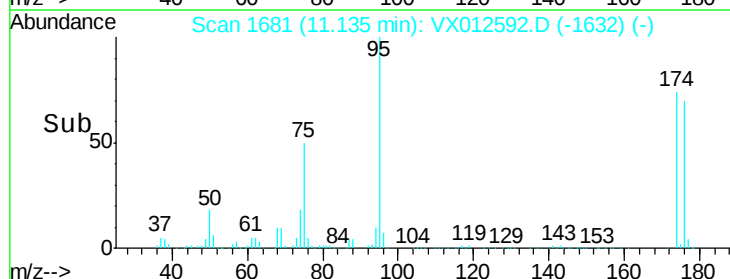
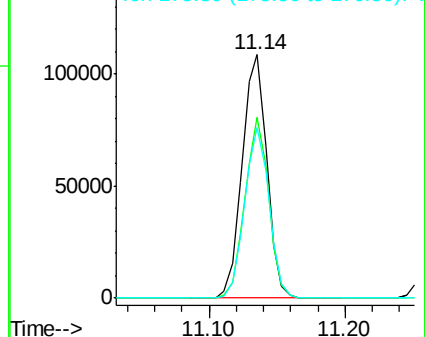
176 69.5 0.0 135.4

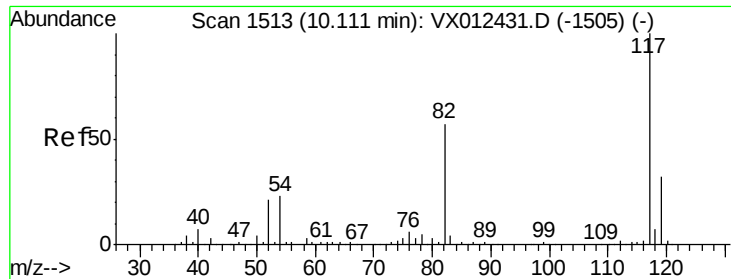


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

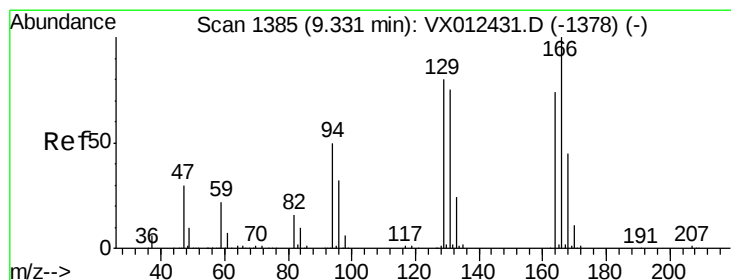
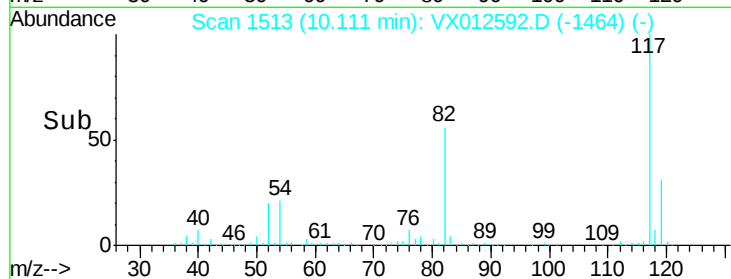
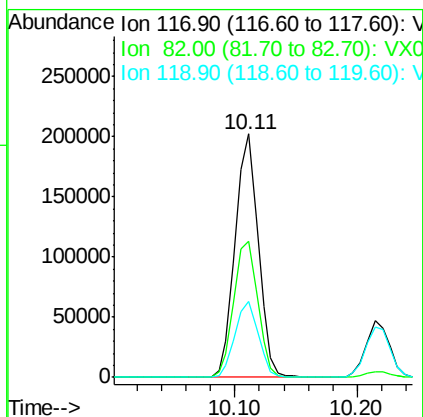
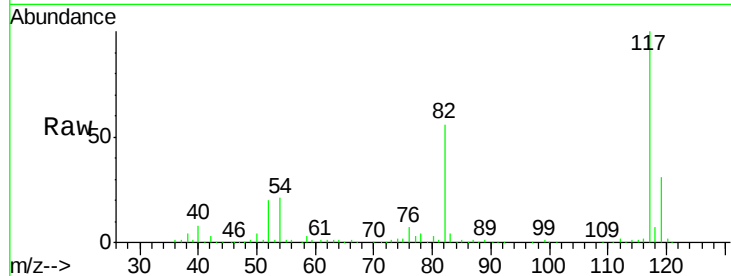




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

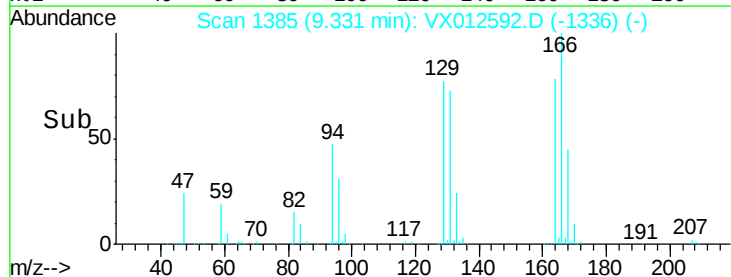
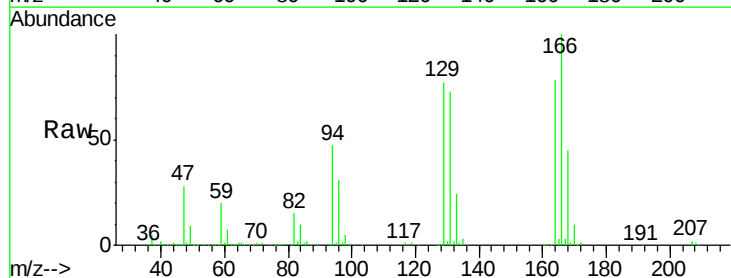
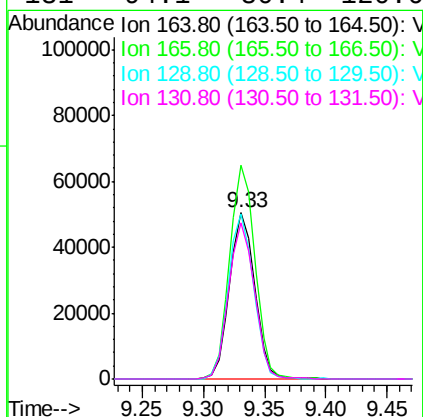
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

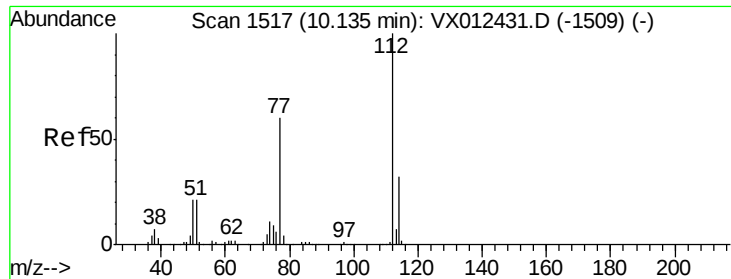
Tot Ion:117 Resp: 264738
Ion Ratio Lower Upper
117 100
82 55.8 45.9 68.9
119 31.3 25.3 37.9



#64
Tetrachloroethene
Concen: 59.430 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion:164 Resp: 72096
Ion Ratio Lower Upper
164 100
166 128.5 107.8 161.6
129 99.4 86.2 129.2
131 94.1 80.4 120.6





#65

Chlorobenzene

Concen: 50.424 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

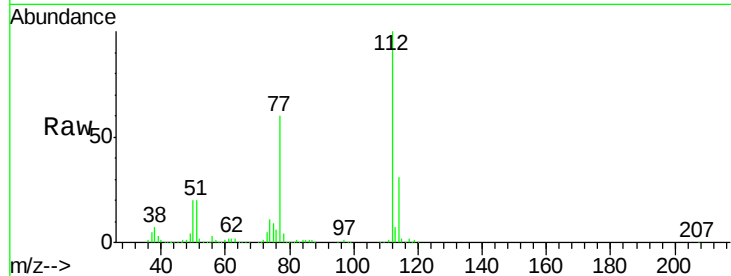
VSTDCCC050EC

Tot Ion:112 Resp: 220325

Ion Ratio Lower Upper

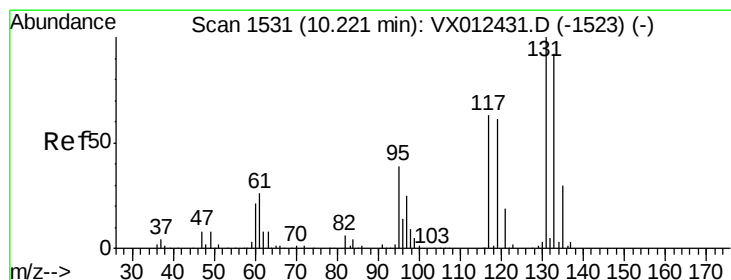
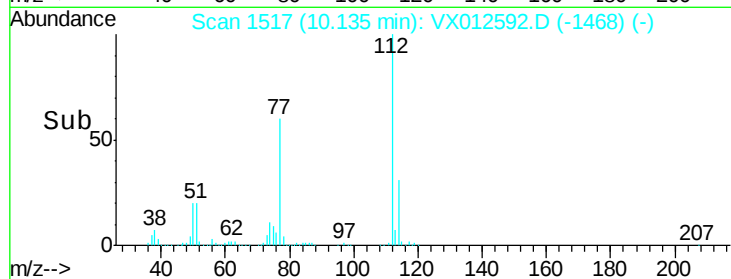
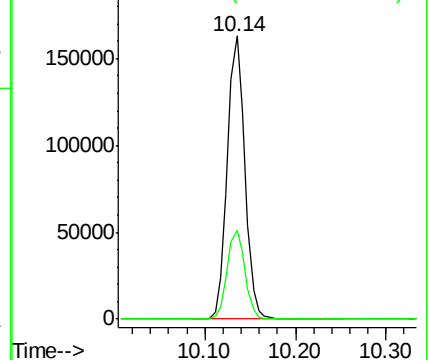
112 100

114 31.3 25.4 38.0



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: 51.624 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

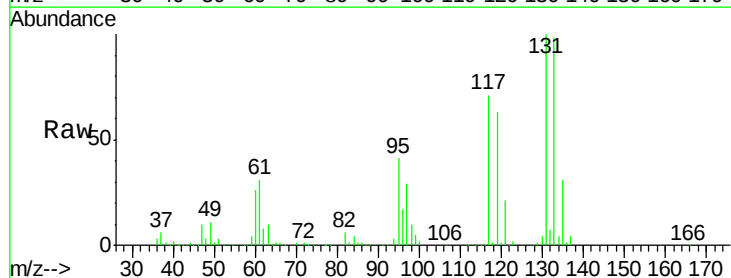
Tgt Ion:131 Resp: 93618

Ion Ratio Lower Upper

131 100

133 97.2 47.6 142.9

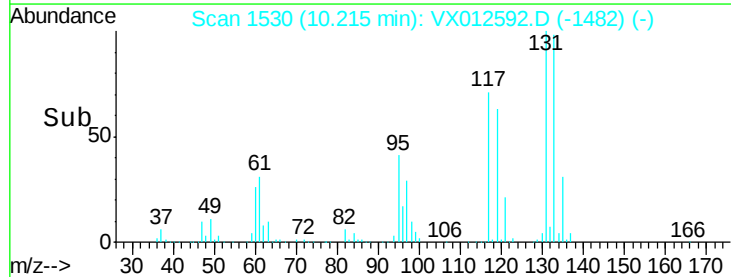
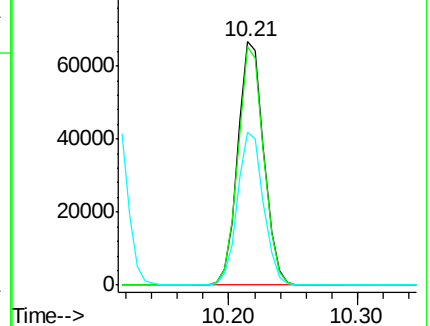
119 63.2 31.3 93.8

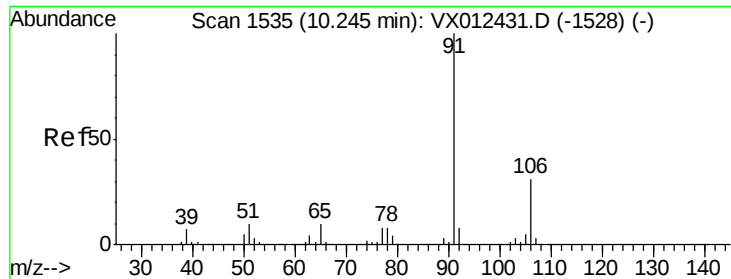


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

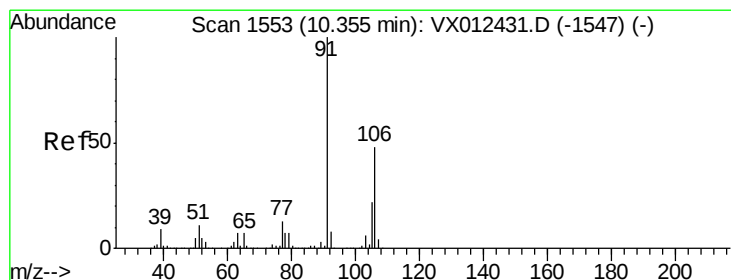
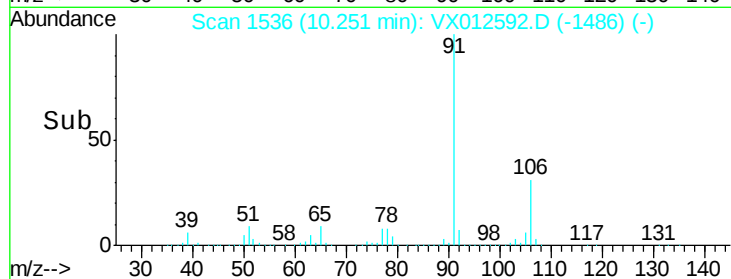
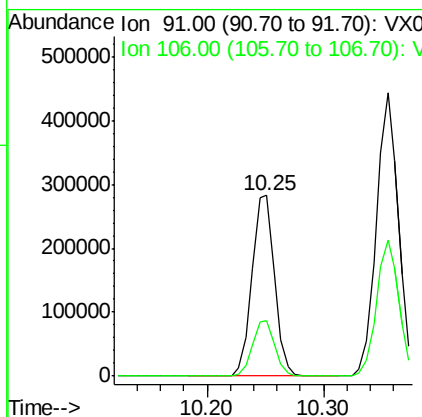
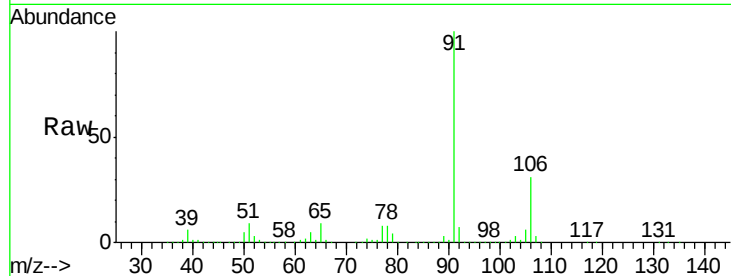




#67
Ethyl Benzene
Concen: 51.110 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

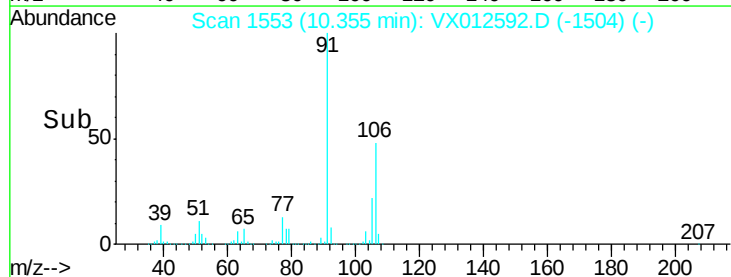
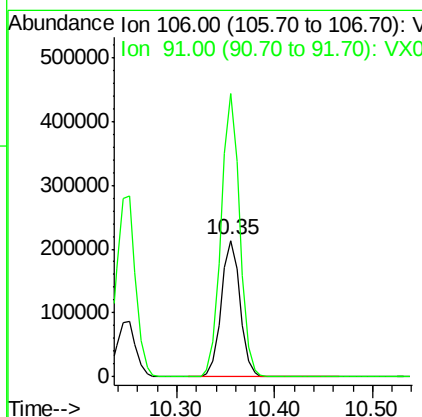
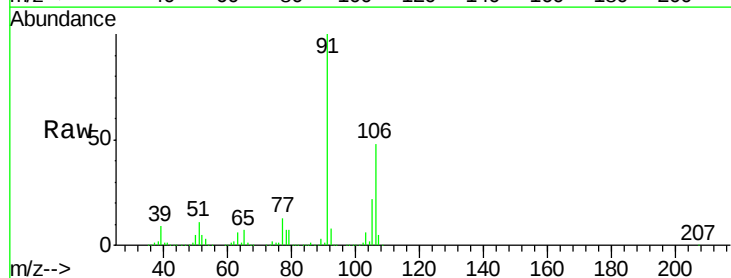
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

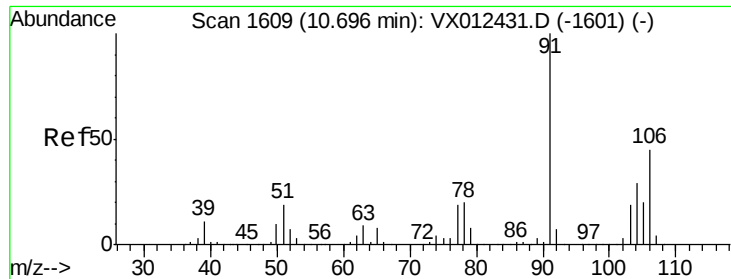
Tot Ion: 91 Resp: 383684
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



#68
m/p-Xylenes
Concen: 104.373 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 106 Resp: 285088
Ion Ratio Lower Upper
106 100
91 204.8 166.6 250.0

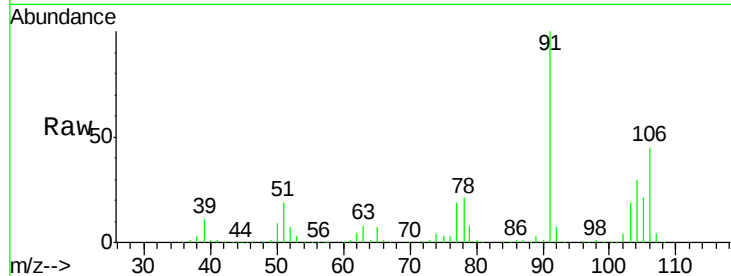




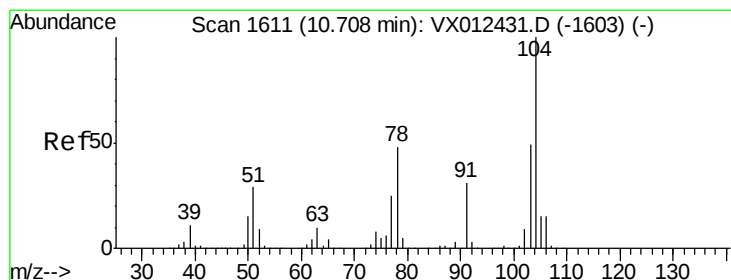
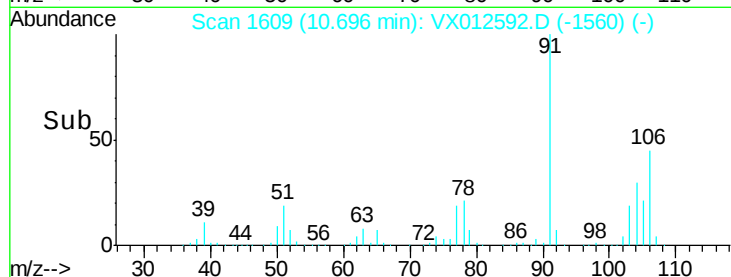
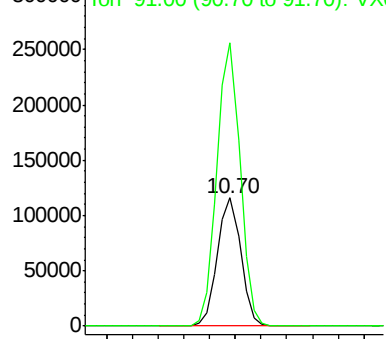
#69
o-Xylene
Concen: 51.709 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 145254
Ion Ratio Lower Upper
106 100
91 219.3 109.4 328.2

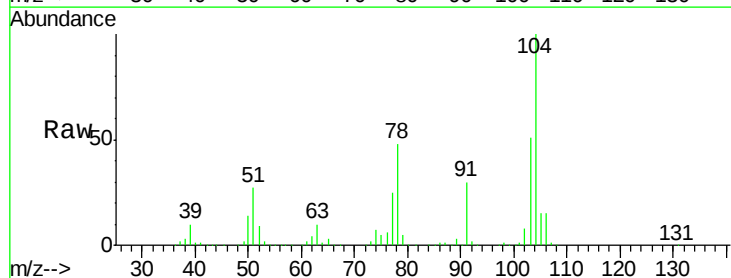


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

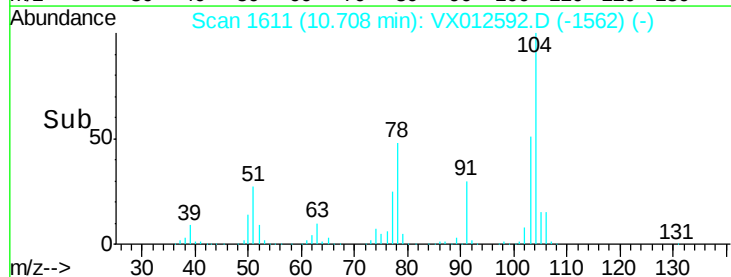
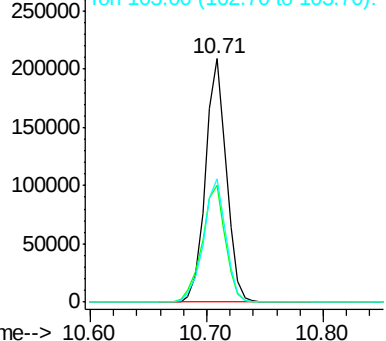


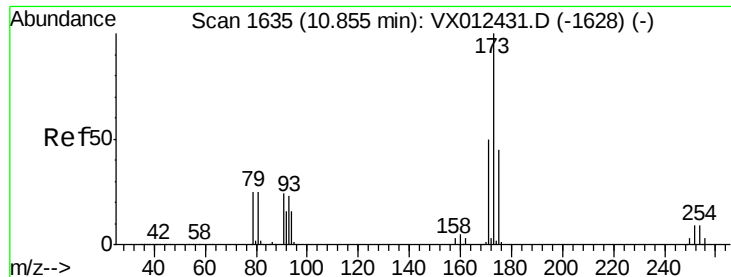
#70
Styrene
Concen: 52.537 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion:104 Resp: 261110
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.2
103 54.4 43.3 64.9



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: 45.300 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

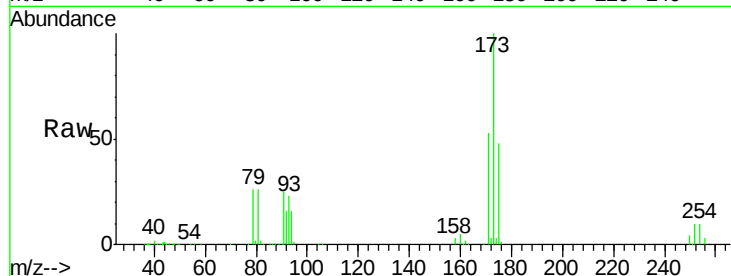
Tot Ion:173 Resp: 70284

Ion Ratio Lower Upper

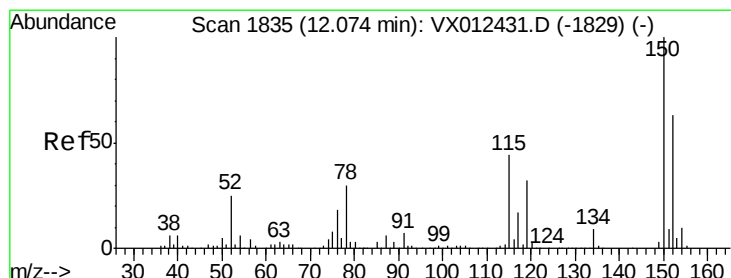
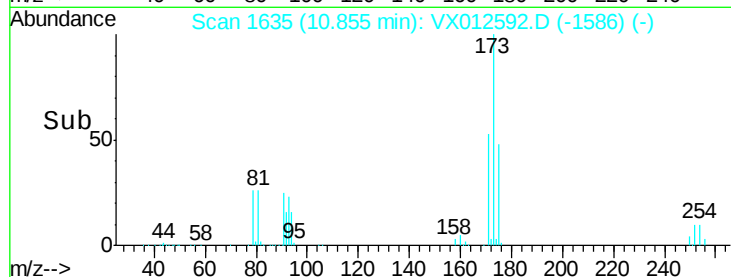
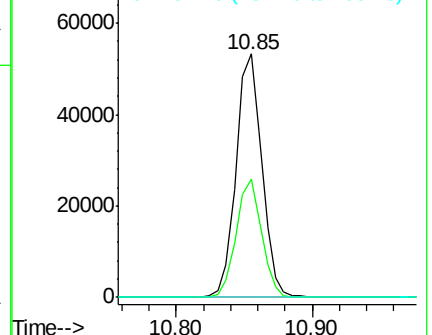
173 100

175 47.8 23.7 71.1

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

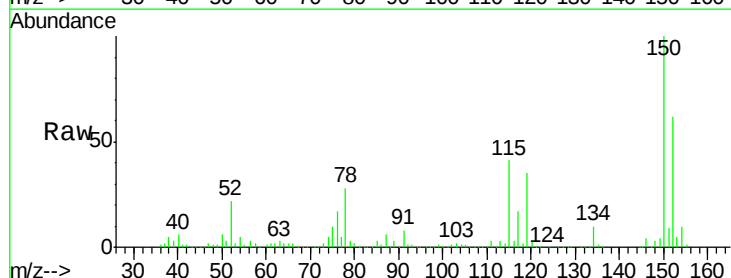
Tgt Ion:152 Resp: 128108

Ion Ratio Lower Upper

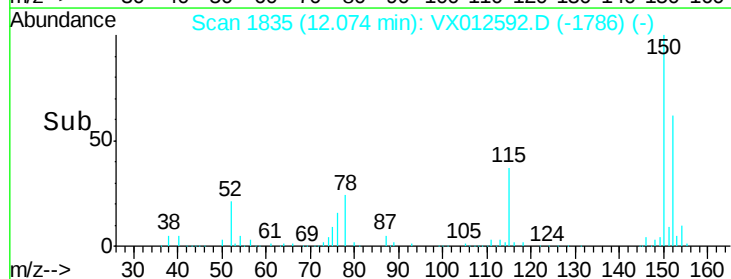
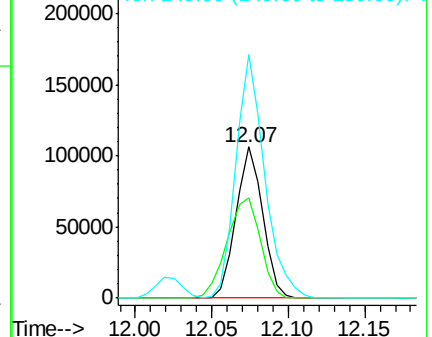
152 100

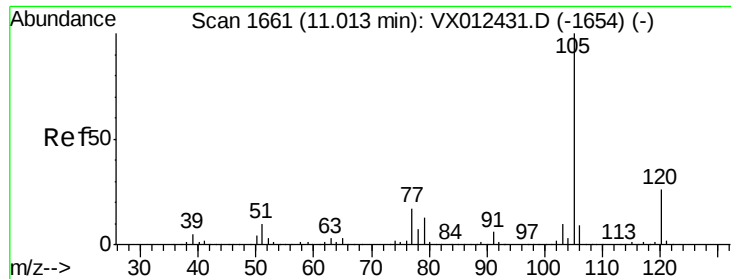
115 84.0 44.1 132.3

150 173.8 0.0 343.8



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: 50.565 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

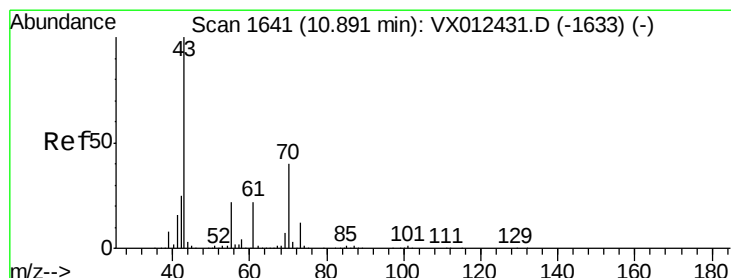
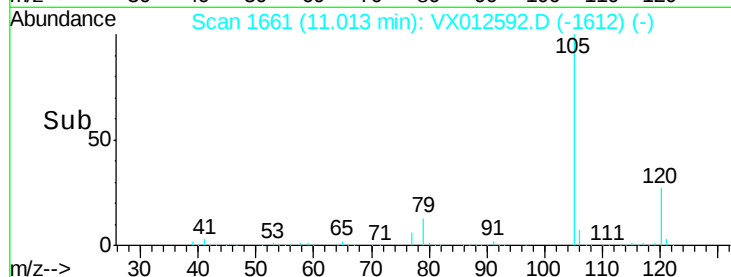
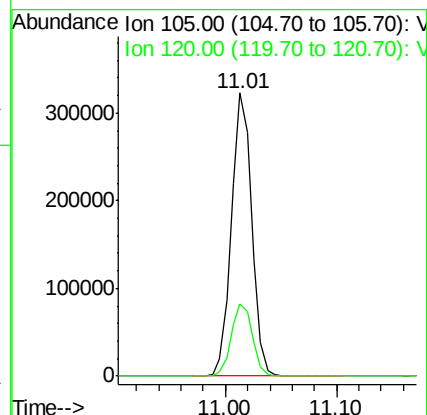
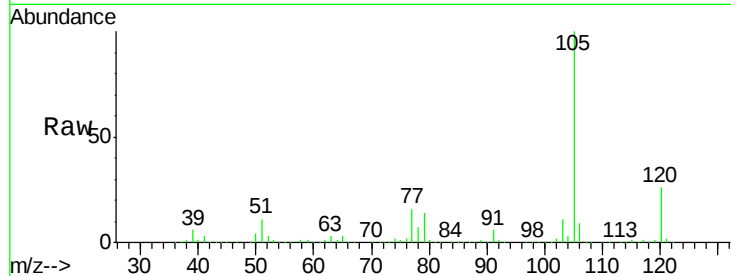
VSTDCCC050EC

Tot Ion:105 Resp: 406441

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.7



#74

N-ethyl acetate

Concen: 50.856 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Tgt Ion: 43 Resp: 220081

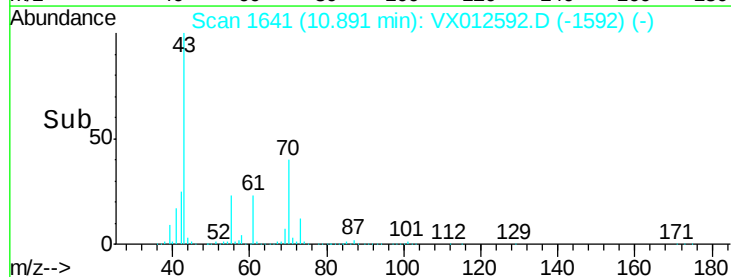
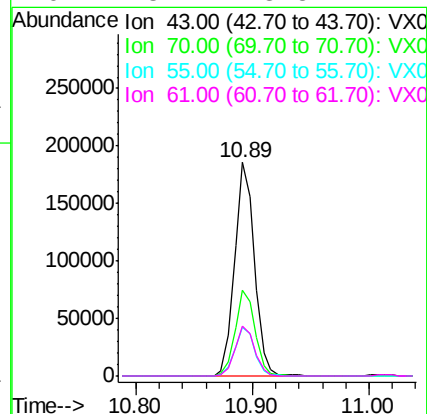
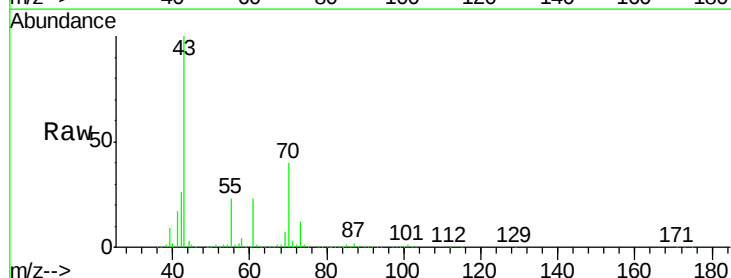
Ion Ratio Lower Upper

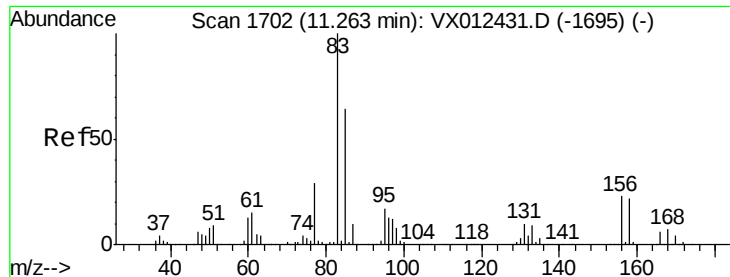
43 100

70 40.5 32.4 48.6

55 23.2 18.2 27.4

61 23.4 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.071 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

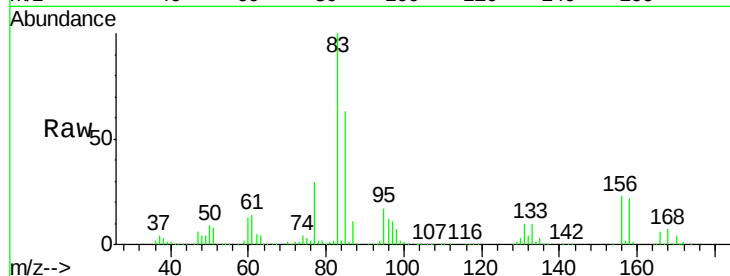
Tot Ion: 83 Resp: 157879

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

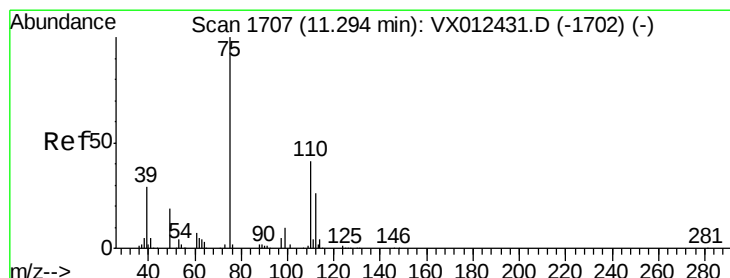
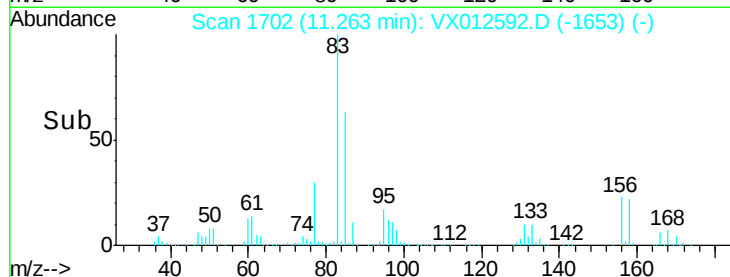
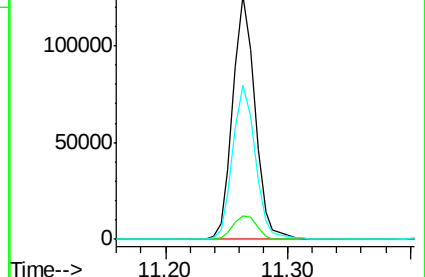
85 64.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.576 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012592.D

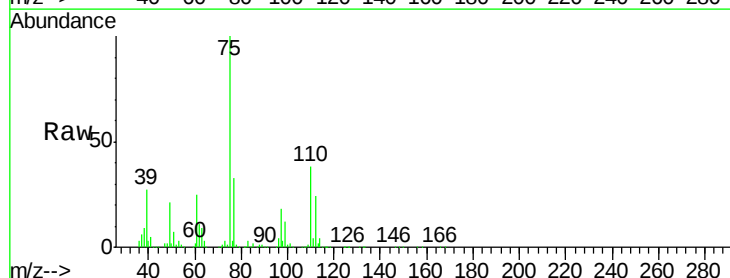
Acq: 21 Sep 2019 05:35

Tgt Ion: 75 Resp: 172373

Ion Ratio Lower Upper

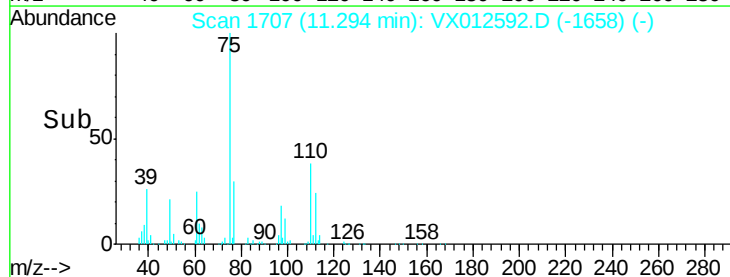
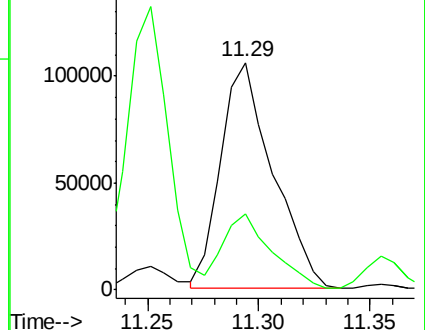
75 100

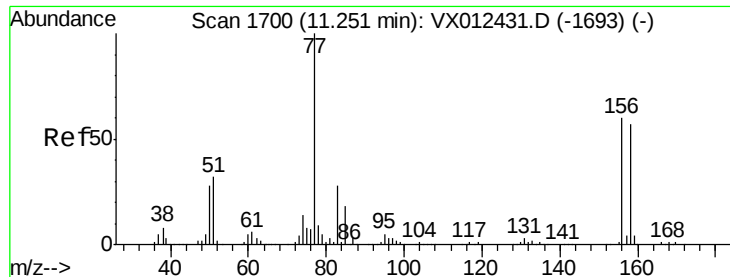
77 31.5 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.017 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

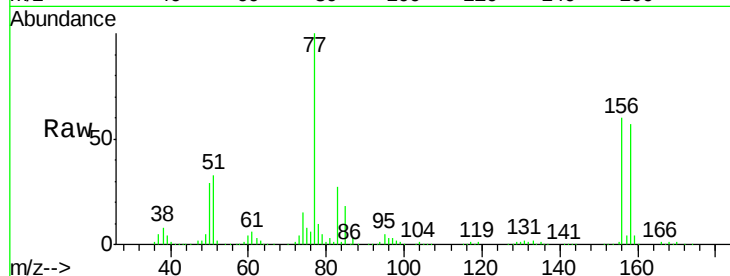
Tot Ion:156 Resp: 100010

Ion Ratio Lower Upper

156 100

77 172.3 87.3 261.8

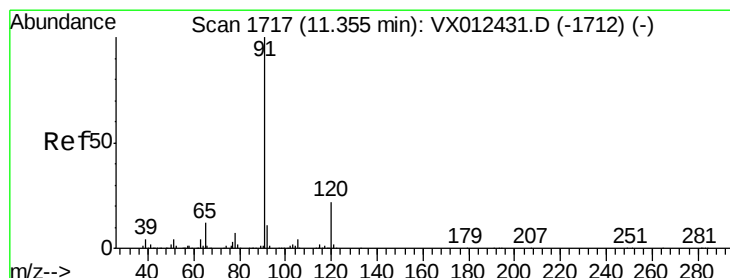
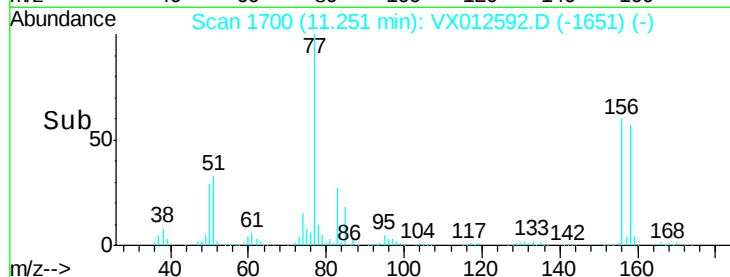
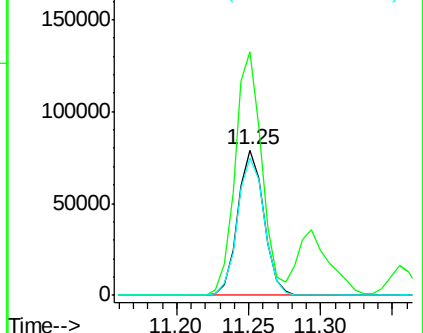
158 97.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.925 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012592.D

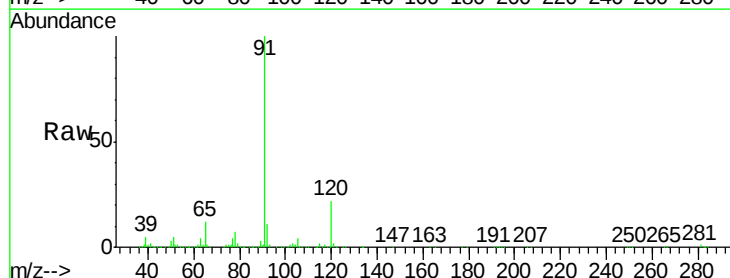
Acq: 21 Sep 2019 05:35

Tgt Ion: 91 Resp: 447268

Ion Ratio Lower Upper

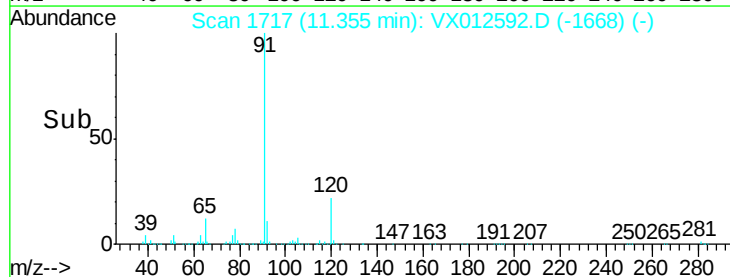
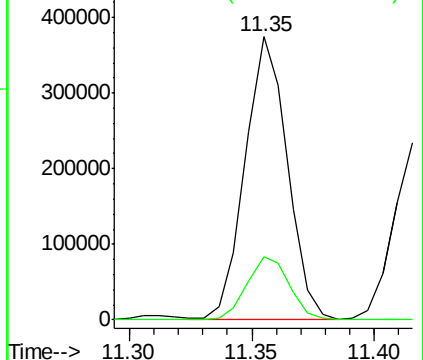
91 100

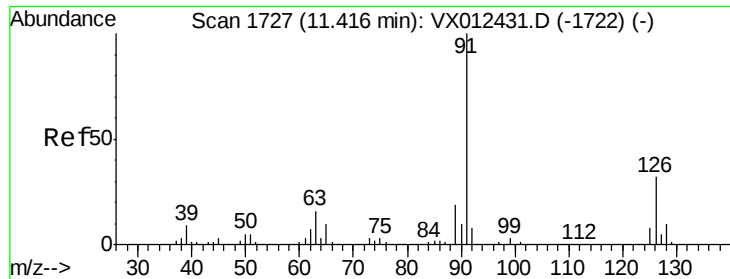
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

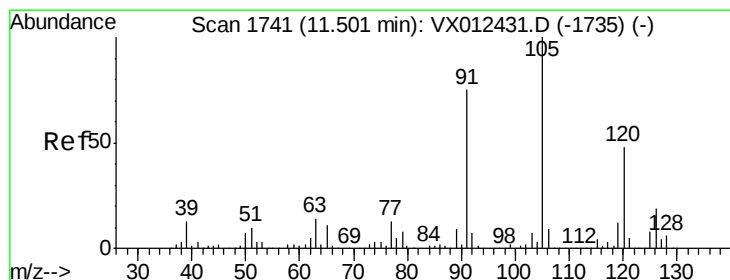
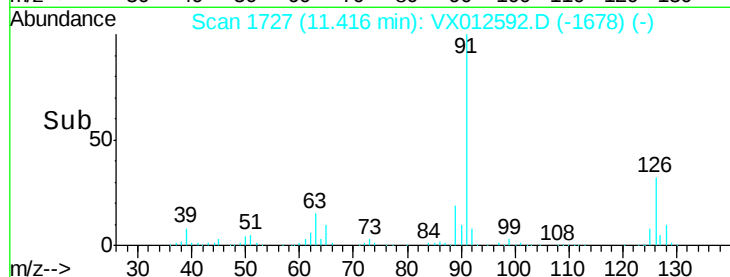
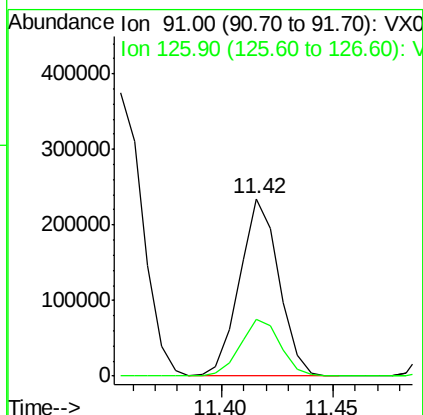
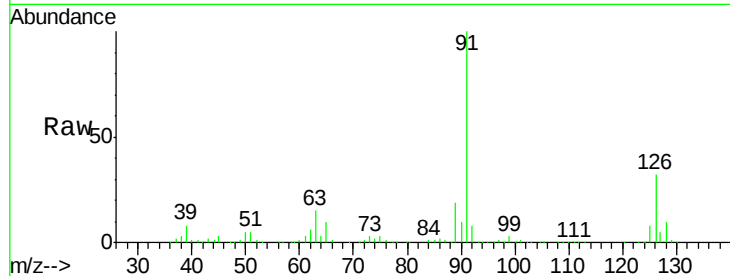




#79
 2-Chlorotoluene
 Concen: 49.320 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

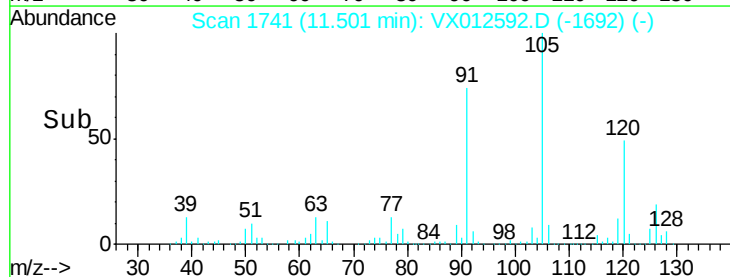
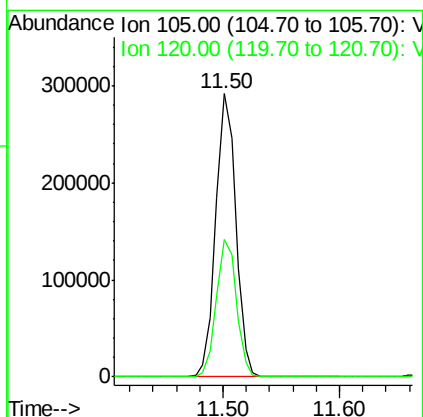
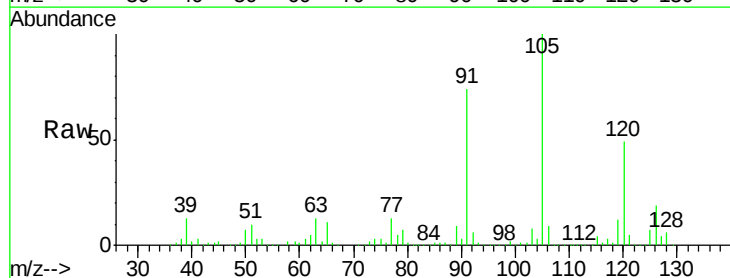
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

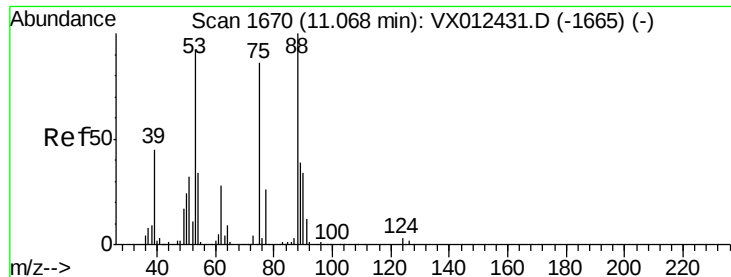
Tot Ion: 91 Resp: 287442
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 50.275 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion: 105 Resp: 344645
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8

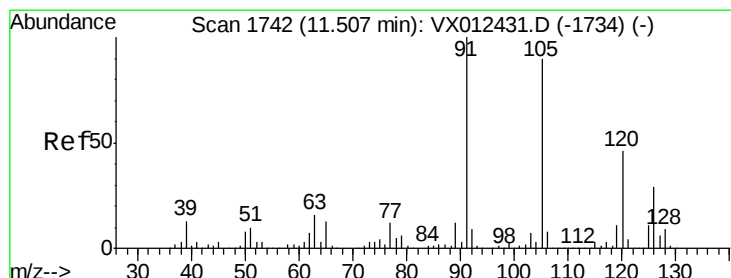
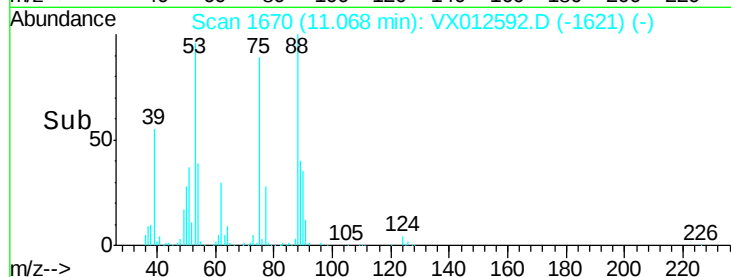
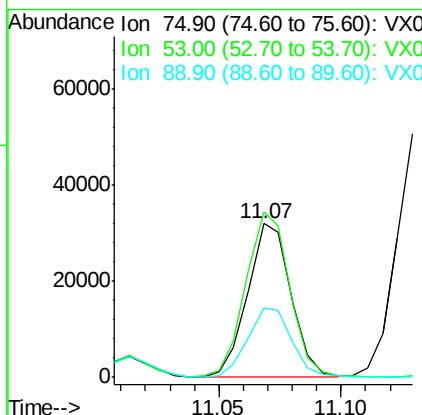
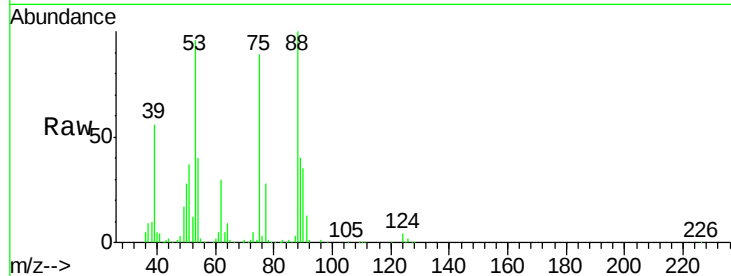




#81
trans-1,4-Dichloro-2-butene
Concen: 37.498 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

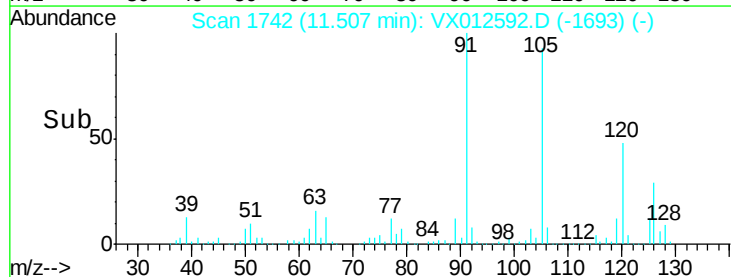
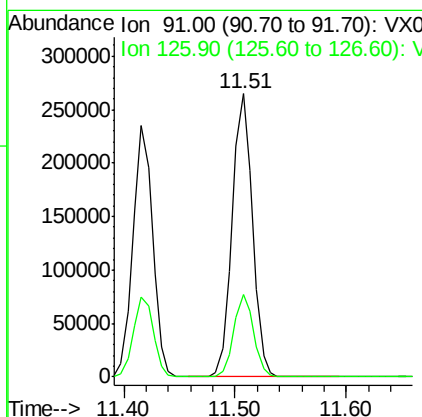
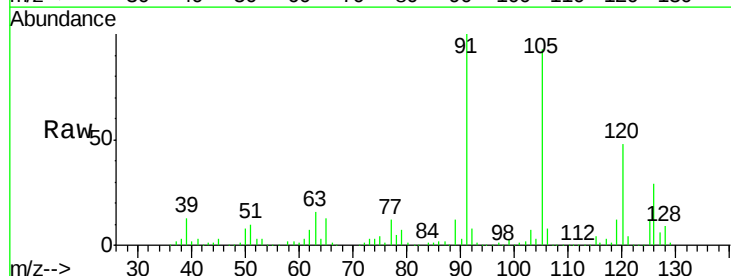
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

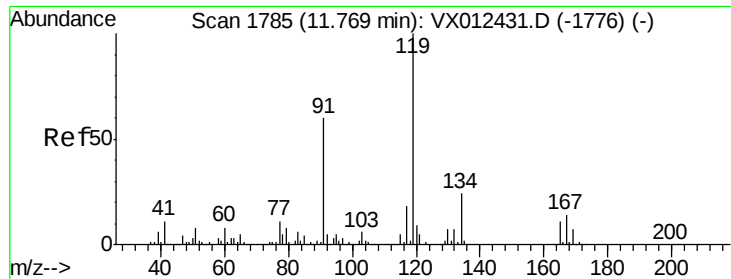
Tot Ion: 75 Resp: 39310
Ion Ratio Lower Upper
75 100
53 109.4 83.6 125.4
89 46.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.834 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion: 91 Resp: 333339
Ion Ratio Lower Upper
91 100
126 28.5 14.4 43.0

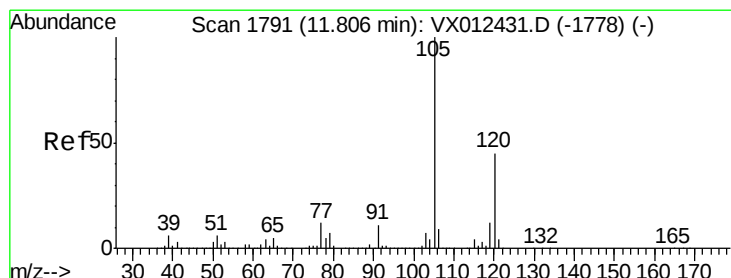
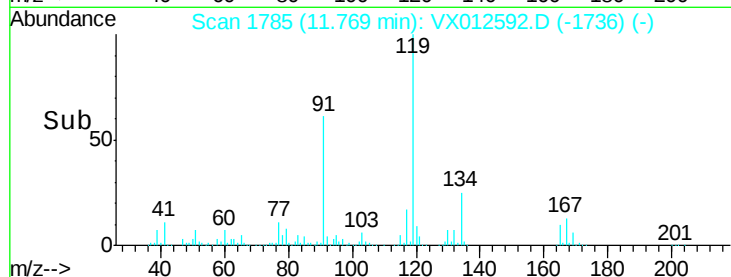
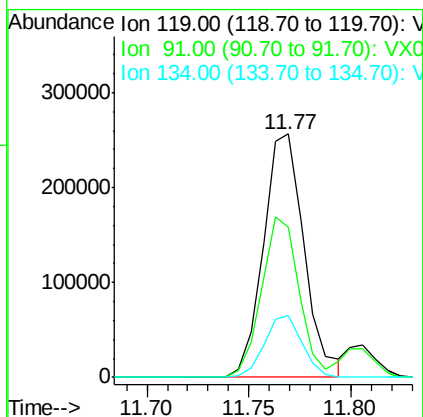
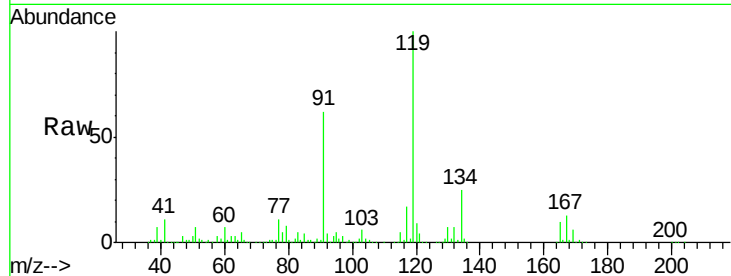




#83
 tert-Butylbenzene
 Concen: 48.607 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

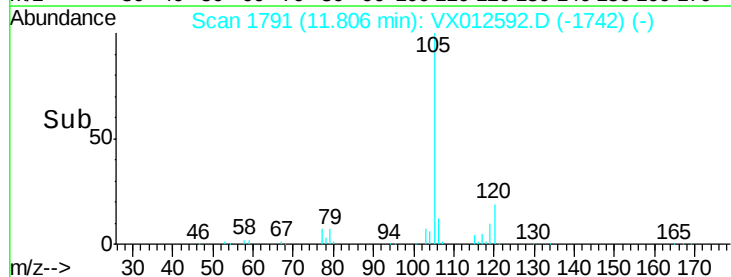
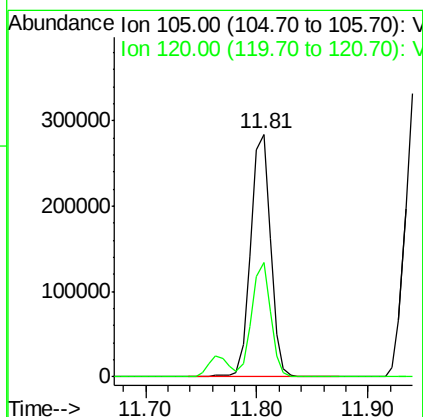
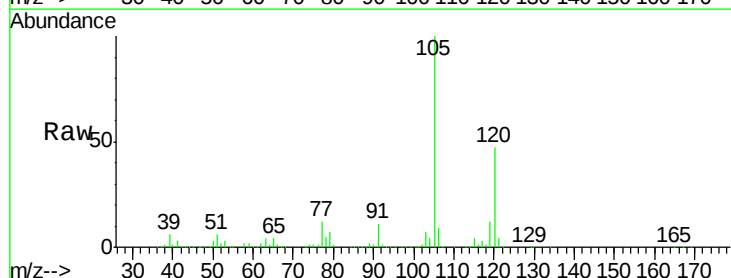
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

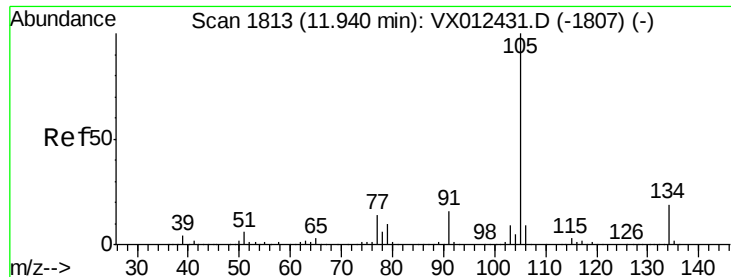
Tot Ion:119 Resp: 357046
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.0 90.0
 134 23.5 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.283 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion:105 Resp: 353923
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.967 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

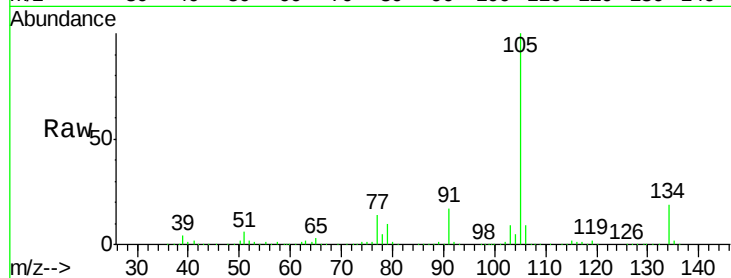
VSTDCCC050EC

Tot Ion:105 Resp: 404446

Ion Ratio Lower Upper

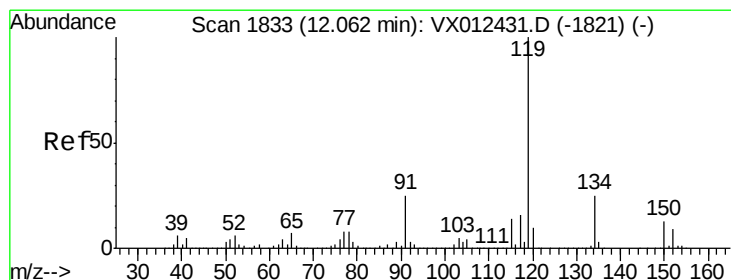
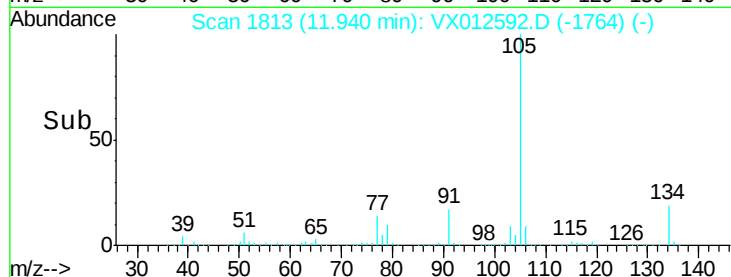
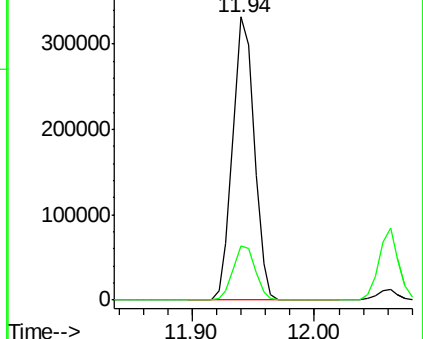
105 100

134 19.9 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.849 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

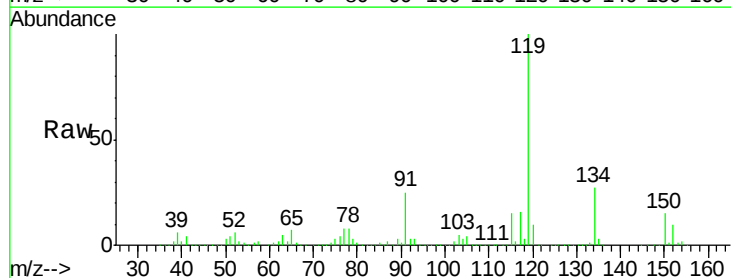
Tgt Ion:119 Resp: 370511

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

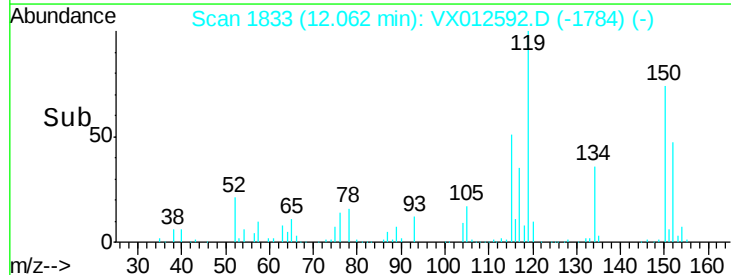
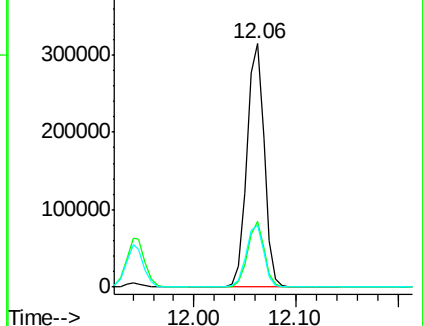
91 25.8 12.8 38.4

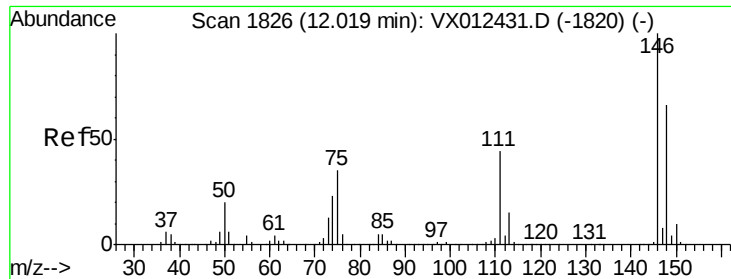


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

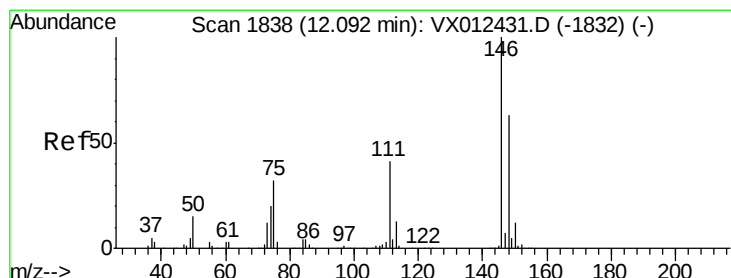
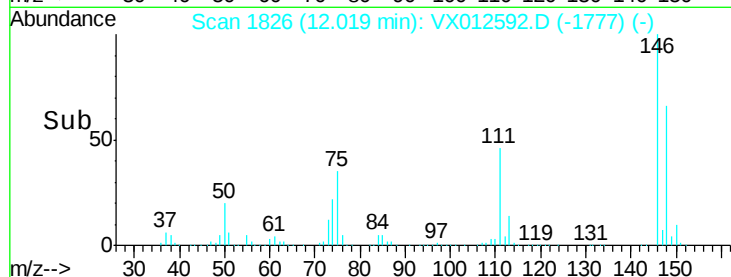
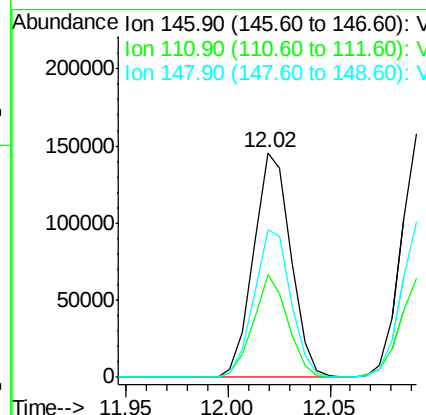
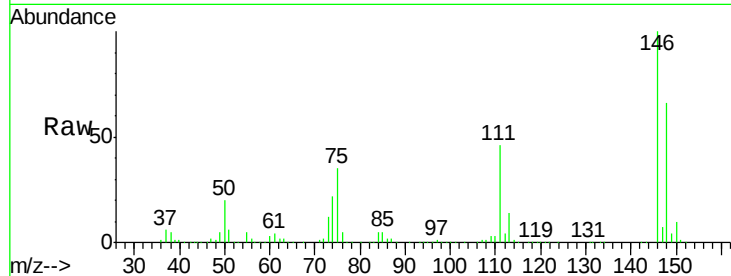




#87
 1,3-Dichlorobenzene
 Concen: 50.269 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

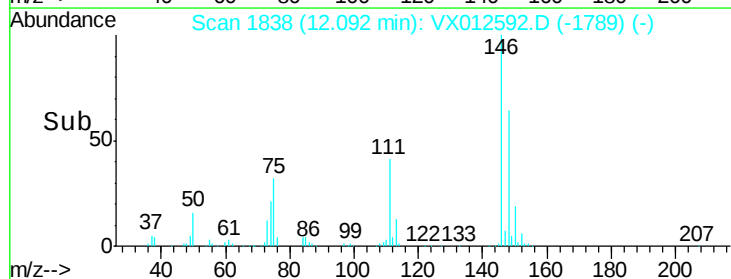
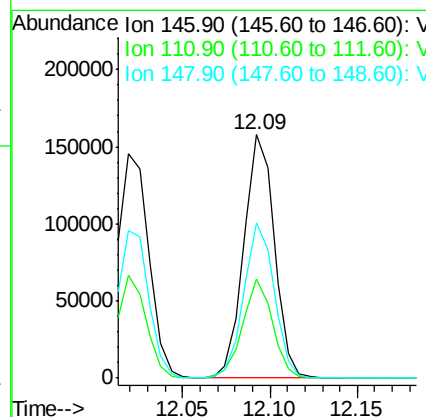
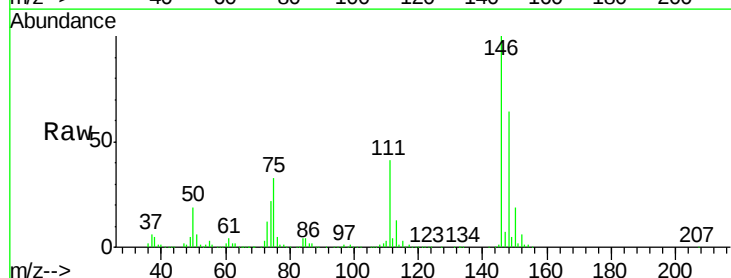
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

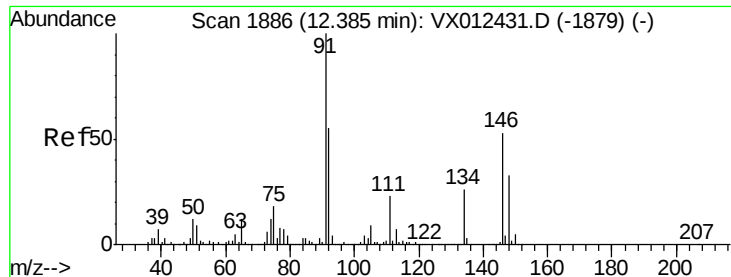
Tot Ion:146 Resp: 185370
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 64.0
 148 65.1 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 50.536 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion:146 Resp: 191424
 Ion Ratio Lower Upper
 146 100
 111 40.1 21.1 63.3
 148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 46.961 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012592.D

Acq: 21 Sep 2019 05:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

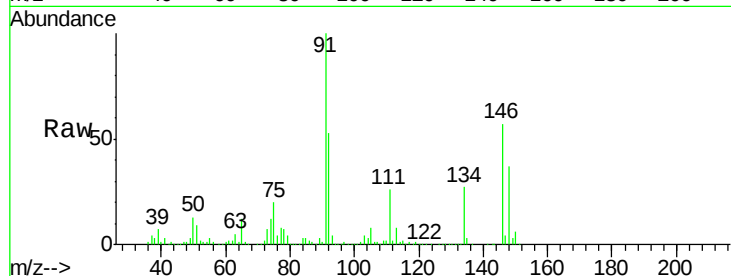
Tot Ion: 91 Resp: 311432

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.0

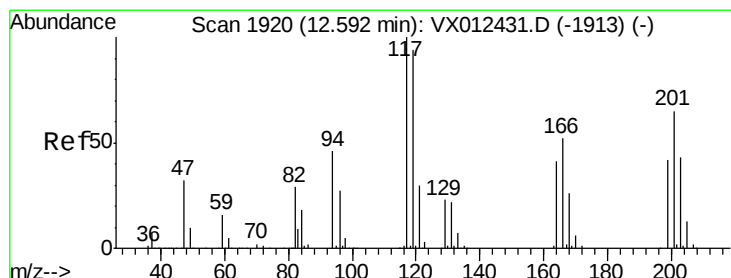
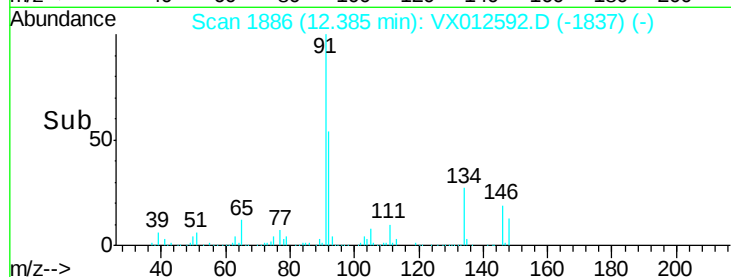
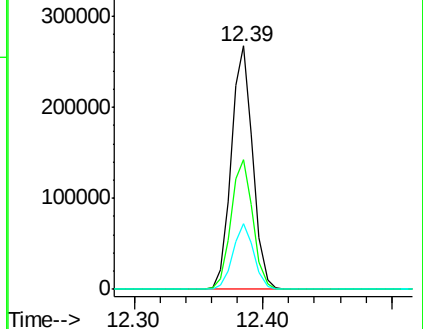
134 26.0 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.637 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012592.D

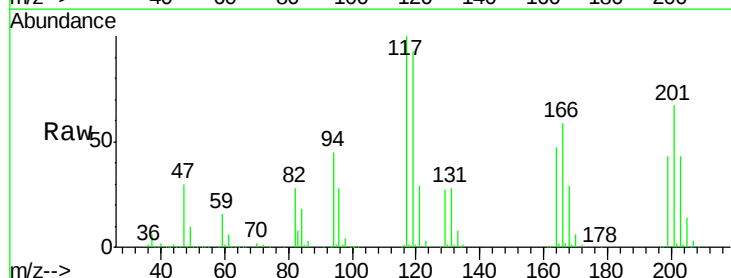
Acq: 21 Sep 2019 05:35

Tgt Ion: 117 Resp: 66284

Ion Ratio Lower Upper

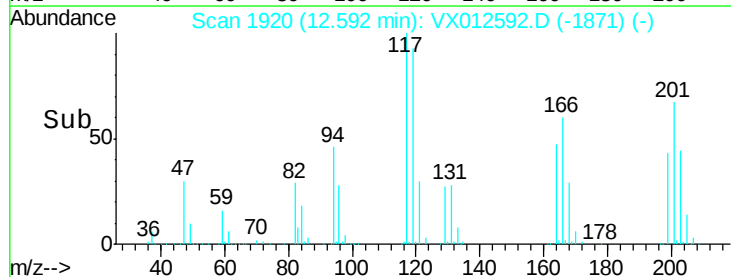
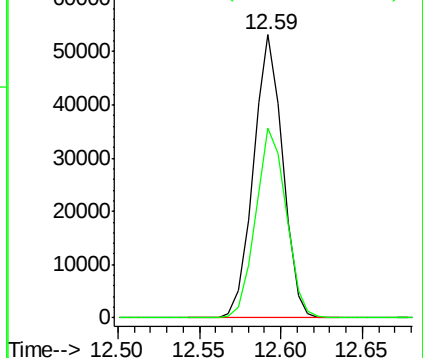
117 100

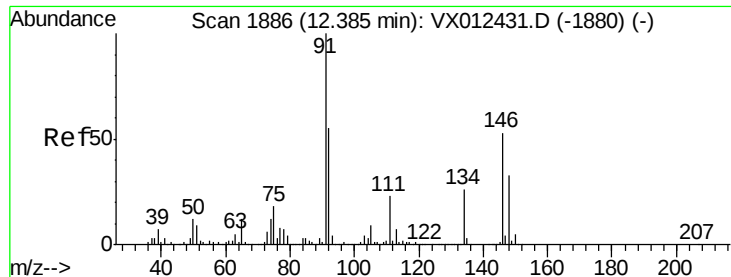
201 69.8 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

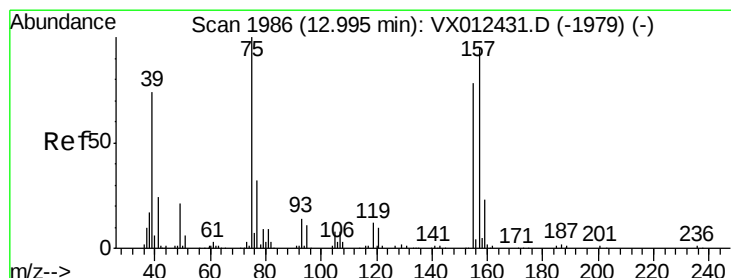
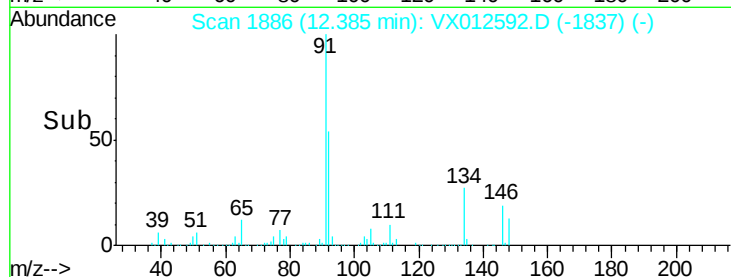
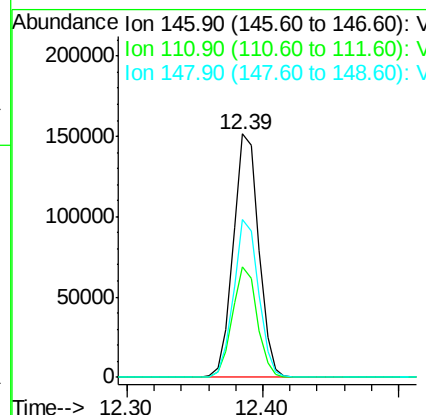
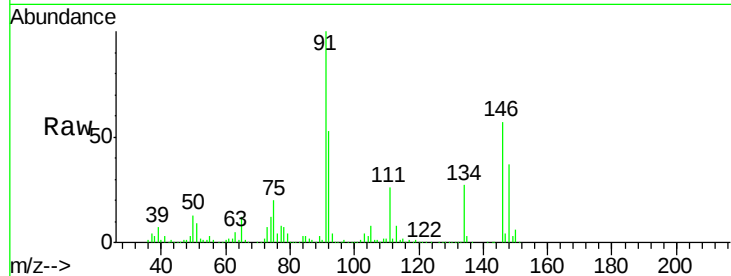




#91
 1,2-Dichlorobenzene
 Concen: 50.942 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

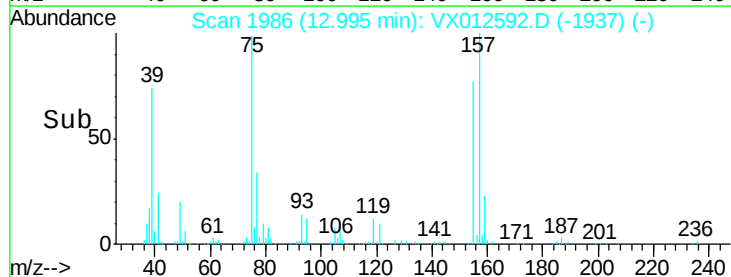
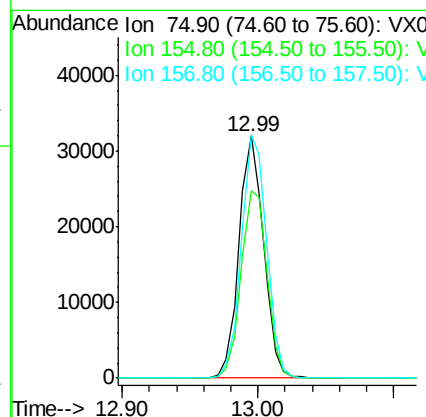
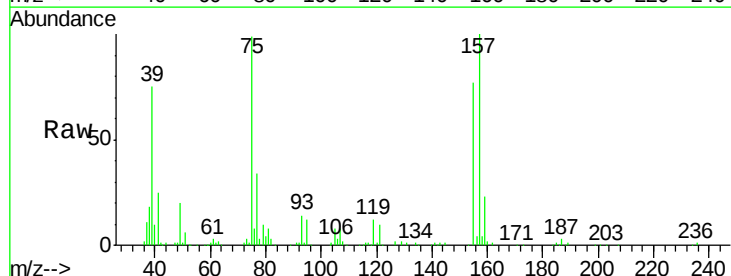
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

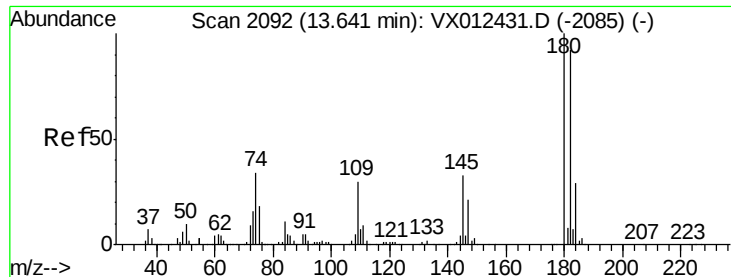
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.1	66.1
148	63.8	31.3	93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.210 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	38.6	115.8
157	103.0	50.6	151.9

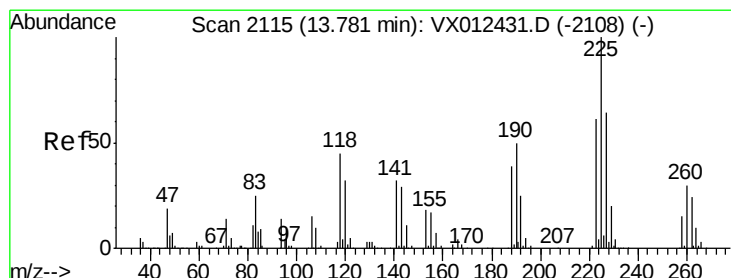
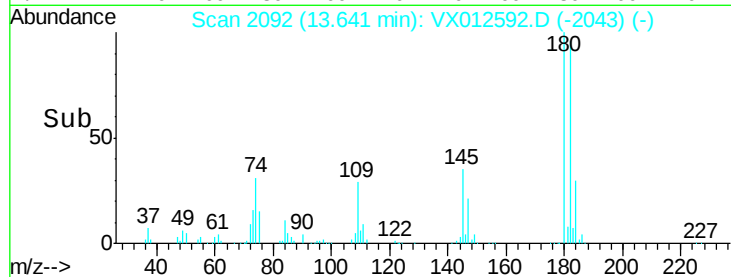
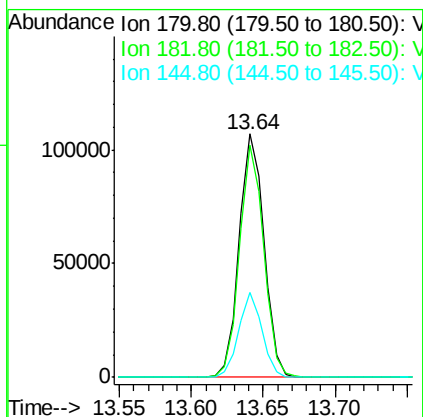
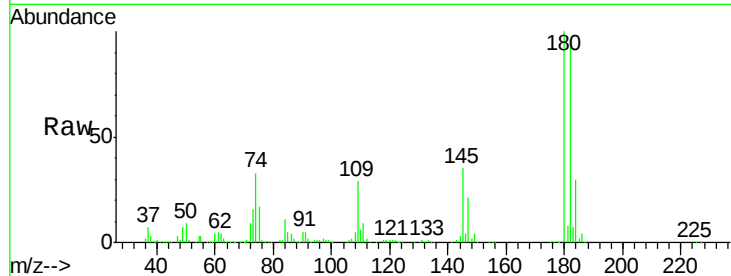




#93
 1,2,4-Trichlorobenzene
 Concen: 51.616 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

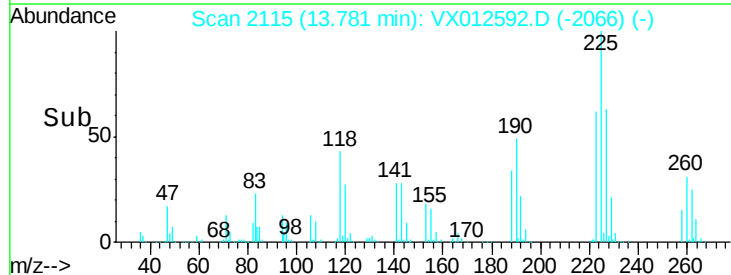
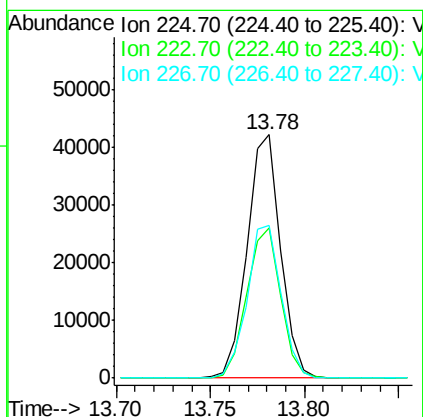
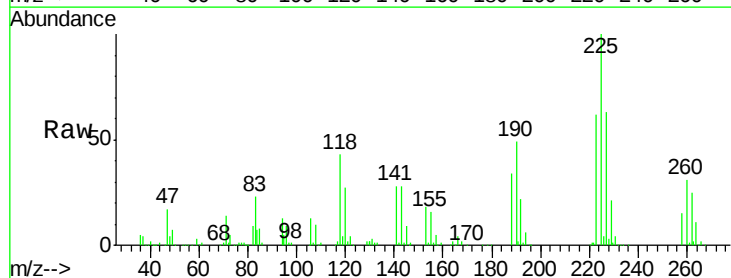
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

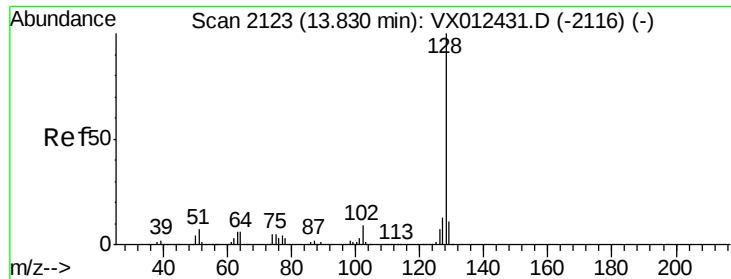
Tot Ion:180 Resp: 128138
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.0 141.0
 145 33.1 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 44.292 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012592.D
 Acq: 21 Sep 2019 05:35

Tgt Ion:225 Resp: 51824
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.0 96.2
 227 64.4 31.9 95.5

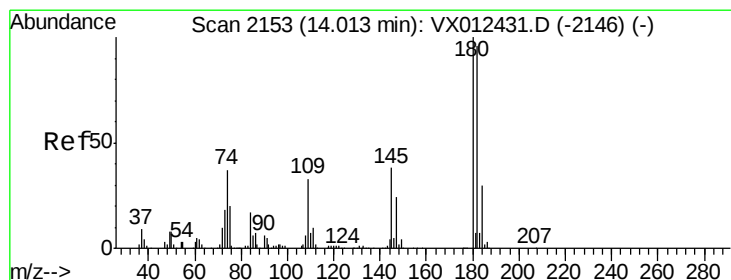
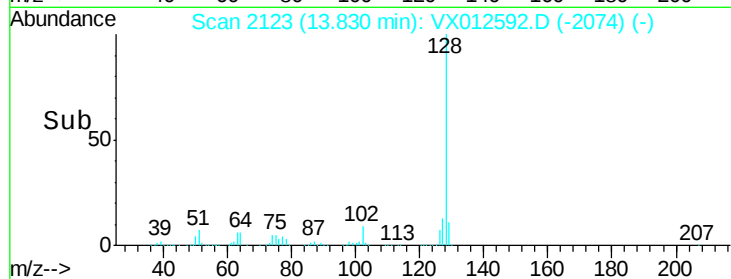
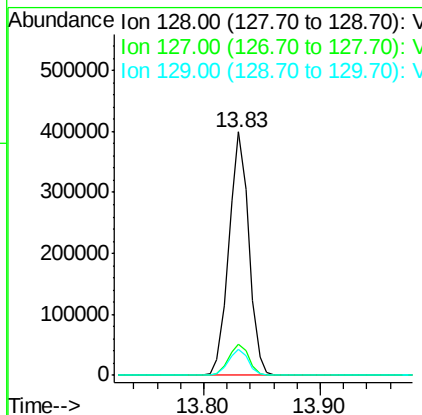
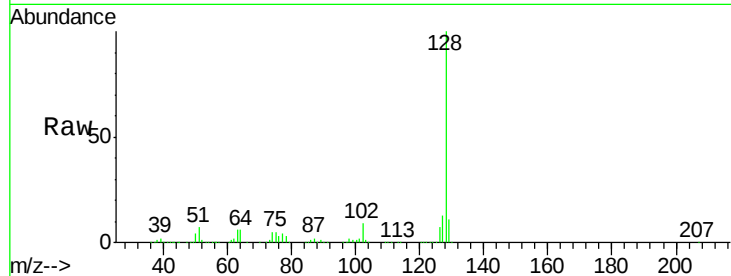




#95
Naphthalene
Concen: 53.746 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 474755
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.406 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012592.D
Acq: 21 Sep 2019 05:35

Tgt Ion:180 Resp: 132576
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.3
145 35.8 18.0 54.0

