

Data File : VX012460.D
Acq On : 18 Sep 2019 02:31
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 18 03:33:43 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	191847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	332609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150482	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	132817	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	97204	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.71	98	357942	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	149586	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	64065	50.052	ug/l	97
3) Chloromethane	1.32	50	52100	49.397	ug/l	98
4) Vinyl Chloride	1.40	62	59200	51.931	ug/l	99
5) Bromomethane	1.63	94	22746	50.788	ug/l	97
6) Chloroethane	1.71	64	39783	44.597	ug/l	98
7) Trichlorofluoromethane	1.92	101	110587	52.920	ug/l	97
8) Diethyl Ether	2.18	74	46112	48.854	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78766	52.095	ug/l	99
10) Methyl Iodide	2.50	142	53169	41.780	ug/l	97
11) Tert butyl alcohol	3.03	59	152590	218.091	ug/l	100
12) 1,1-Dichloroethene	2.36	96	63228	52.421	ug/l	95
13) Acrolein	2.28	56	30647	126.103	ug/l	96
14) Allyl chloride	2.72	41	137301	48.895	ug/l	99
15) Acrylonitrile	3.13	53	296221	248.615	ug/l	99
16) Acetone	2.43	43	274309	217.300	ug/l	98
17) Carbon Disulfide	2.56	76	79774	46.883	ug/l	99
18) Methyl Acetate	2.76	43	156370	54.577	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	330712	50.288	ug/l	100
20) Methylene Chloride	2.84	84	82696	49.696	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	67464	53.863	ug/l	97
22) Diisopropyl ether	3.84	45	332979	50.644	ug/l	99
23) Vinyl Acetate	3.80	43	1288332	238.201	ug/l	99
24) 1,1-Dichloroethane	3.69	63	165003	52.451	ug/l	99
25) 2-Butanone	4.66	43	437643	229.461	ug/l	99
26) 2,2-Dichloropropane	4.57	77	111305	35.976	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	97319	52.013	ug/l	93
28) Bromochloromethane	5.00	49	83437	51.447	ug/l	97
29) Tetrahydrofuran	5.11	42	265086	251.589	ug/l	99
30) Chloroform	5.20	83	181289	50.178	ug/l	97
31) Cyclohexane	5.57	56	99385	52.335	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	156511	51.831	ug/l	100
36) 1,1-Dichloropropene	5.79	75	101026	49.977	ug/l	98
37) Ethyl Acetate	4.82	43	159830	51.510	ug/l	99
38) Carbon Tetrachloride	5.78	117	126247	50.215	ug/l	98

Data File : VX012460.D
Acq On : 18 Sep 2019 02:31
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 18 03:33:43 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)
39) Methylcyclohexane	7.46	83	101880	51.845	ug/l	98
40) Benzene	6.14	78	328188	51.055	ug/l	99
41) Methacrylonitrile	5.03	41	93363	46.729	ug/l	98
42) 1,2-Dichloroethane	6.18	62	147399	49.439	ug/l	100
43) Isopropyl Acetate	6.43	43	268960	48.295	ug/l	99
44) Trichloroethene	7.20	130	90853	53.730	ug/l	96
45) 1,2-Dichloropropane	7.51	63	98907	50.083	ug/l	96
46) Dibromomethane	7.65	93	63911	50.009	ug/l	100
47) Bromodichloromethane	7.89	83	146151	51.361	ug/l	99
48) Methyl methacrylate	7.76	41	129071	49.165	ug/l	99
49) 1,4-Dioxane	7.73	88	54369	850.929	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	872010	238.763	ug/l	98
52) Toluene	8.78	92	214022	51.670	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145336	49.134	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150987	49.305	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106040	49.691	ug/l	98
56) Ethyl methacrylate	9.17	69	164556	49.321	ug/l	98
57) 1,3-Dichloropropane	9.37	76	170025	49.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	442539	256.236	ug/l	100
59) 2-Hexanone	9.49	43	658243	231.017	ug/l	99
60) Dibromochloromethane	9.58	129	115799	53.273	ug/l	98
61) 1,2-Dibromoethane	9.67	107	101096	51.872	ug/l	100
64) Tetrachloroethene	9.33	164	77556	55.841	ug/l	98
65) Chlorobenzene	10.14	112	246690	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	107292	51.678	ug/l	100
67) Ethyl Benzene	10.25	91	433967	50.493	ug/l	99
68) m/p-Xylenes	10.35	106	321727	102.883	ug/l	99
69) o-Xylene	10.70	106	162648	50.575	ug/l	98
70) Styrene	10.71	104	294867	51.822	ug/l	99
71) Bromoform	10.85	173	79634	44.861	ug/l #	97
73) Isopropylbenzene	11.01	105	462898	49.026	ug/l	100
74) N-amyl acetate	10.89	43	219768	43.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	173807	46.927	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	194496	56.267	ug/l	88
77) Bromobenzene	11.25	156	112822	48.996	ug/l	99
78) n-propylbenzene	11.35	91	527467	50.123	ug/l	99
79) 2-Chlorotoluene	11.42	91	327666	47.862	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400284	49.710	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49364	39.874	ug/l	97
82) 4-Chlorotoluene	11.51	91	386805	49.230	ug/l	100
83) tert-Butylbenzene	11.77	119	413608	47.935	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	411800	49.807	ug/l	100
85) sec-Butylbenzene	11.94	105	473486	49.799	ug/l	99
86) p-Isopropyltoluene	12.06	119	437875	50.154	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	214353	49.486	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	215600	48.456	ug/l	99
89) n-Butylbenzene	12.39	91	386140	49.569	ug/l	99
90) Hexachloroethane	12.59	117	78709	49.167	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	221071	48.831	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45463	47.346	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\
Quantitation Report (Not Reviewed)

Data File : VX012460.D
Acq On : 18 Sep 2019 02:31
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

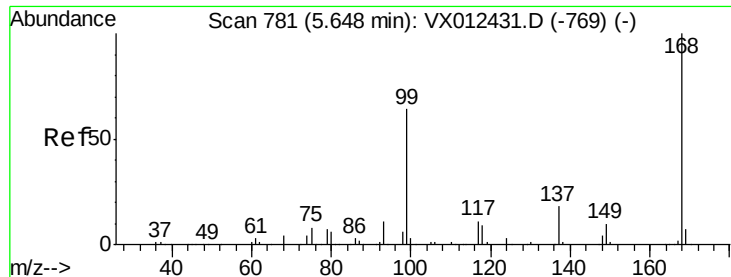
Quant Time: Sep 18 03:33:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152611	52.334	ug/l	99
94) Hexachlorobutadiene	13.78	225	66394	48.307	ug/l	99
95) Naphthalene	13.83	128	556582	53.641	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157796	53.102	ug/l	99

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

Quant Time: Sep 18 03:33:43 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

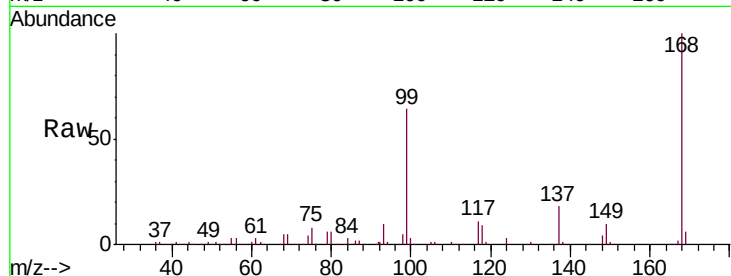
VSTDCCC050EC

Tgt Ion:168 Resp: 191847

Ion Ratio Lower Upper

168 100

99 64.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

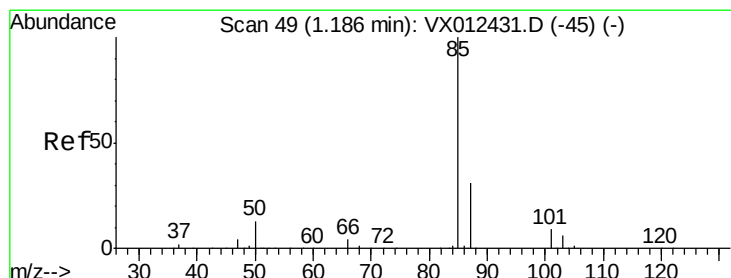
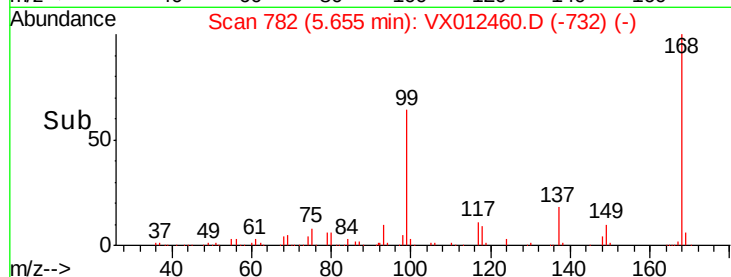
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.052 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012460.D

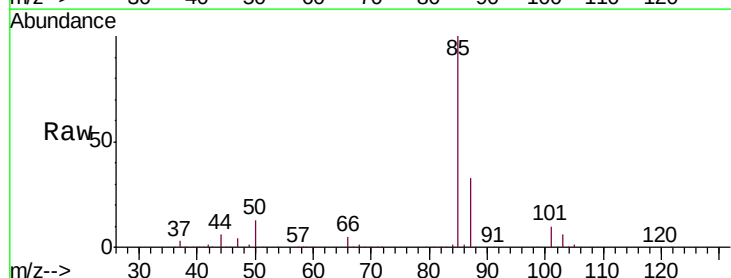
Acq: 18 Sep 2019 02:31

Tgt Ion: 85 Resp: 64065

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

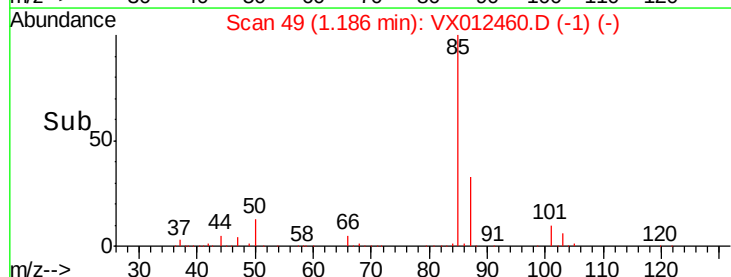
40000

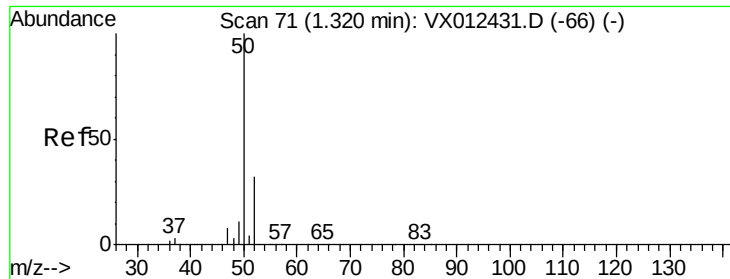
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 49.397 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

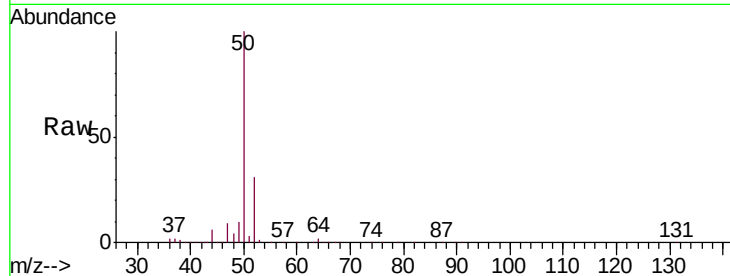
VSTDCCC050EC

Tgt Ion: 50 Resp: 52100

Ion Ratio Lower Upper

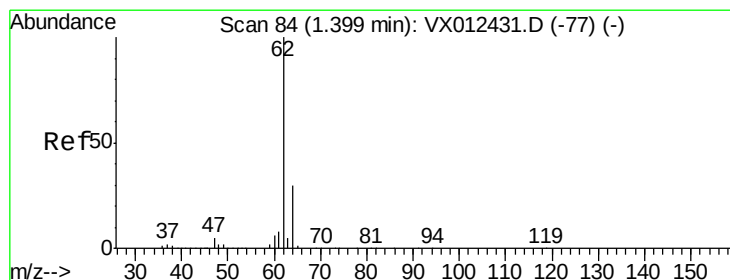
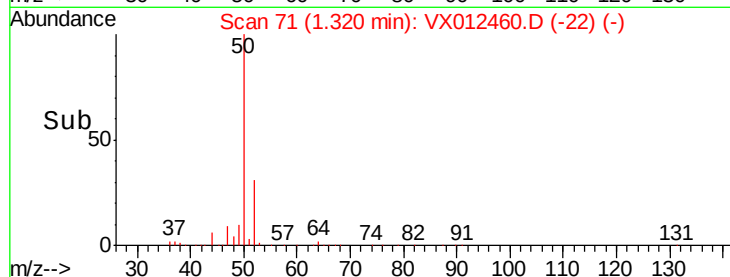
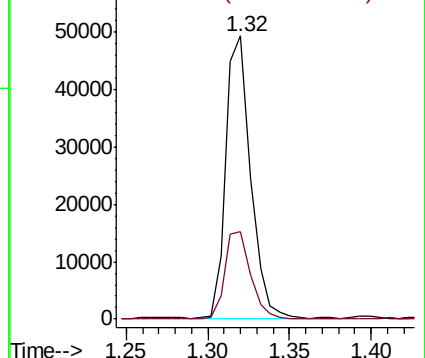
50 100

52 31.1 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: 51.931 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012460.D

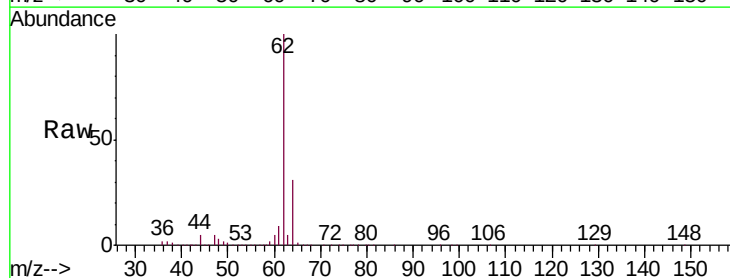
Acq: 18 Sep 2019 02:31

Tgt Ion: 62 Resp: 59200

Ion Ratio Lower Upper

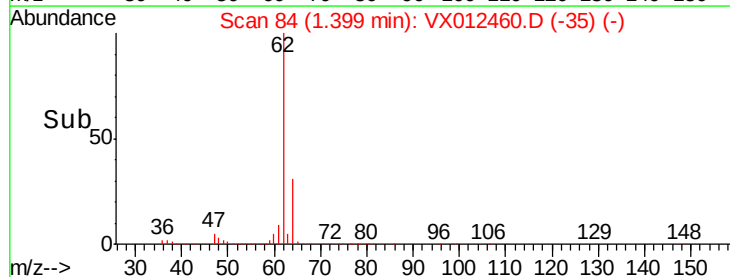
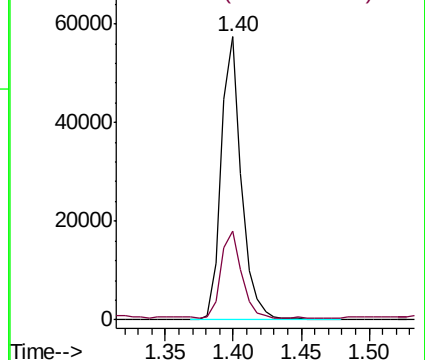
62 100

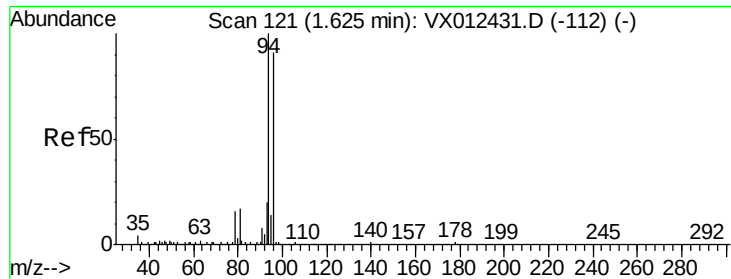
64 30.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.788 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

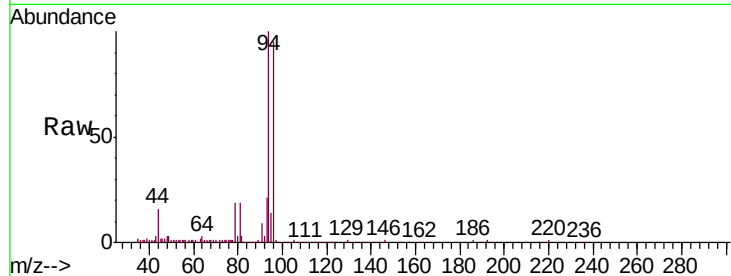
VSTDCCC050EC

Tgt Ion: 94 Resp: 22746

Ion Ratio Lower Upper

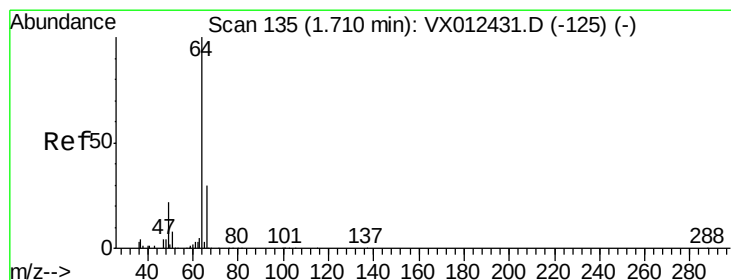
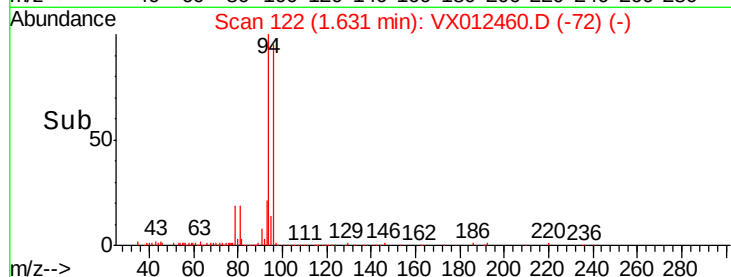
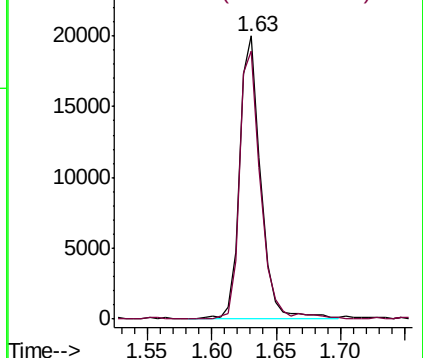
94 100

96 94.3 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: 44.597 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012460.D

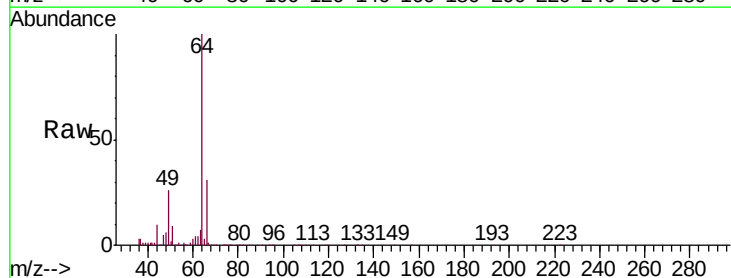
Acq: 18 Sep 2019 02:31

Tgt Ion: 64 Resp: 39783

Ion Ratio Lower Upper

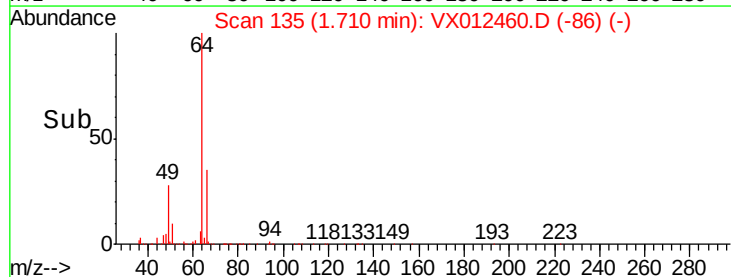
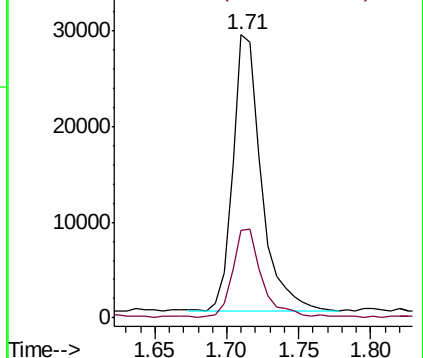
64 100

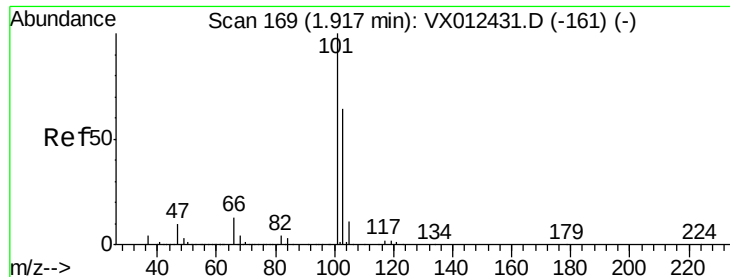
66 31.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



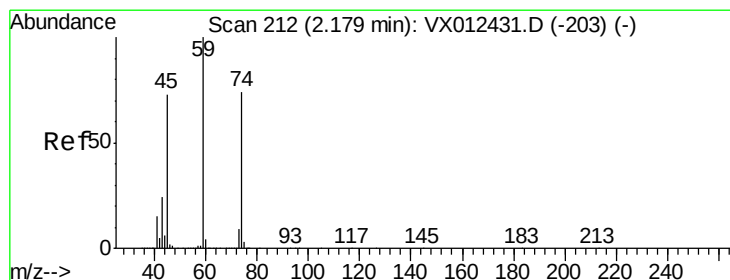
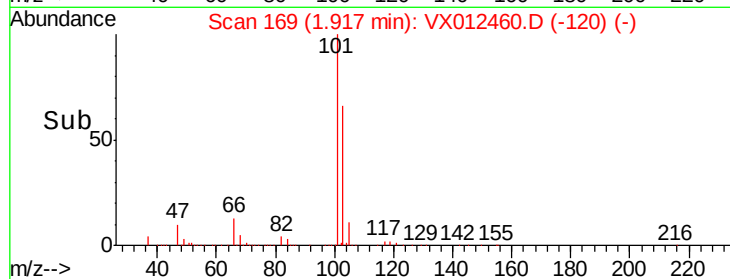
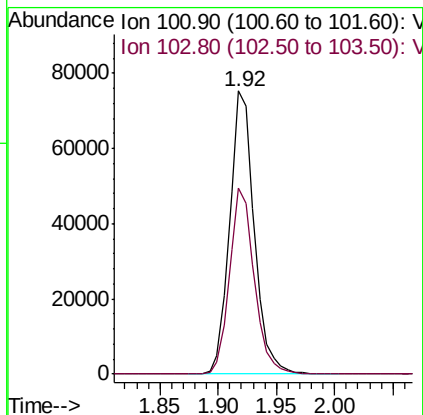
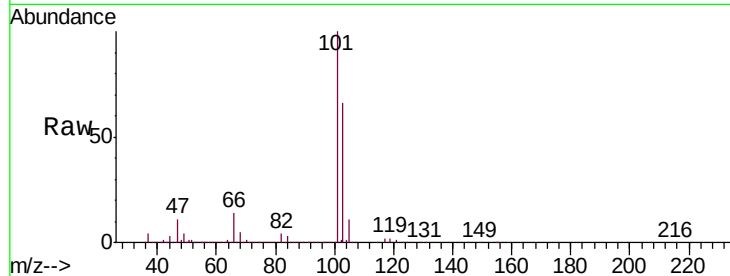


#7

Trichlorofluoromethane
Concen: 52.920 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

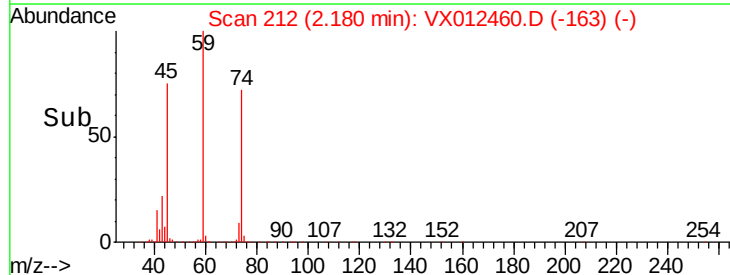
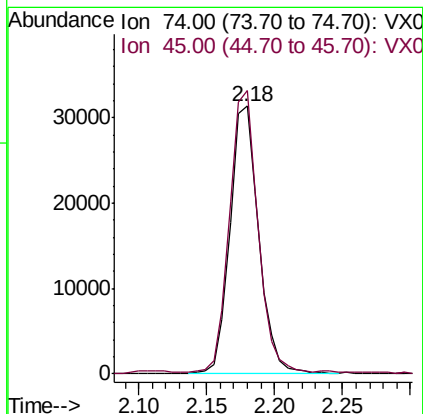
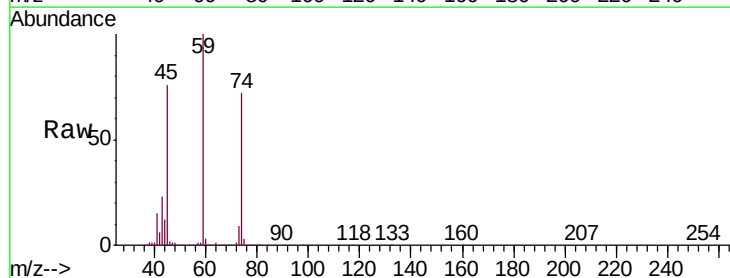
Tgt Ion:101 Resp: 110587
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.4

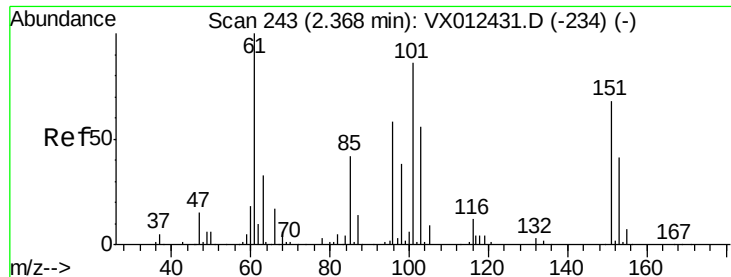


#8

Diethyl Ether
Concen: 48.854 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion: 74 Resp: 46112
Ion Ratio Lower Upper
74 100
45 104.0 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.095 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

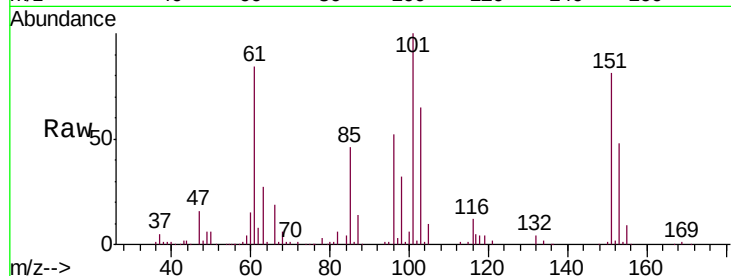
Tgt Ion:101 Resp: 78766

Ion Ratio Lower Upper

101 100

85 44.9 37.3 55.9

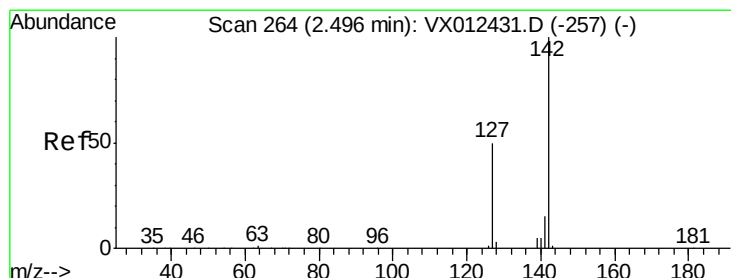
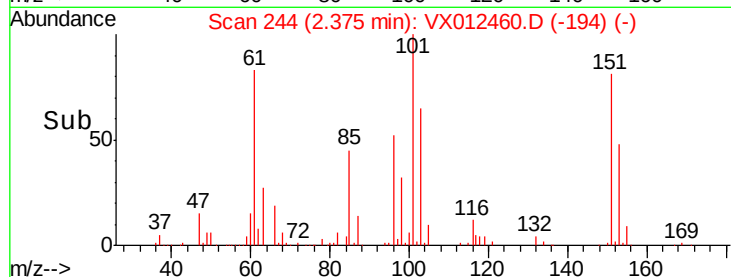
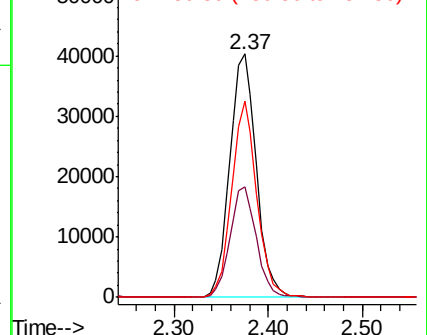
151 76.3 61.0 91.4



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: 41.780 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

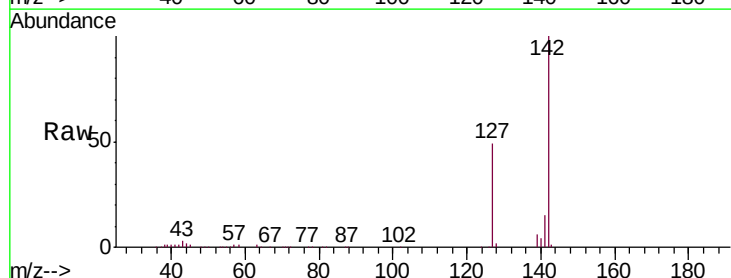
Tgt Ion:142 Resp: 53169

Ion Ratio Lower Upper

142 100

127 48.3 40.8 61.2

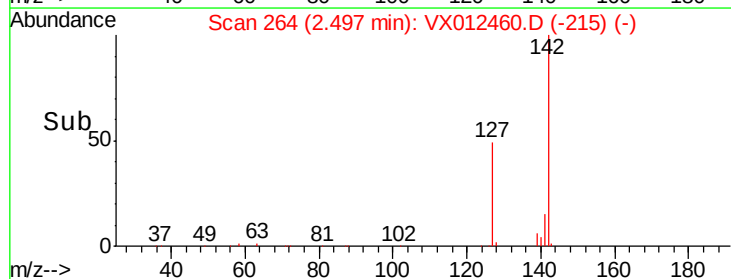
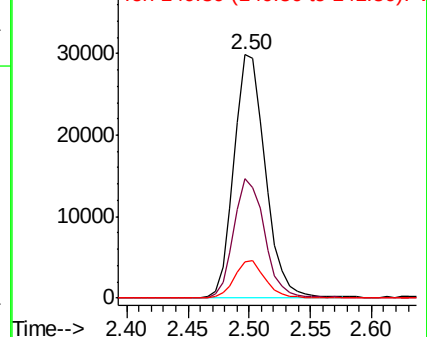
141 15.1 12.1 18.1

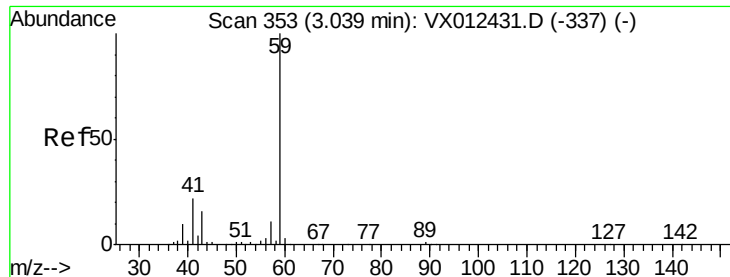


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

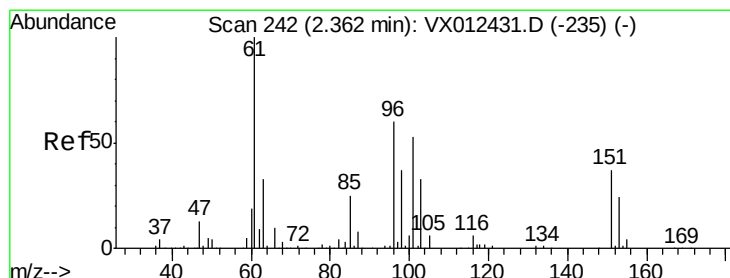
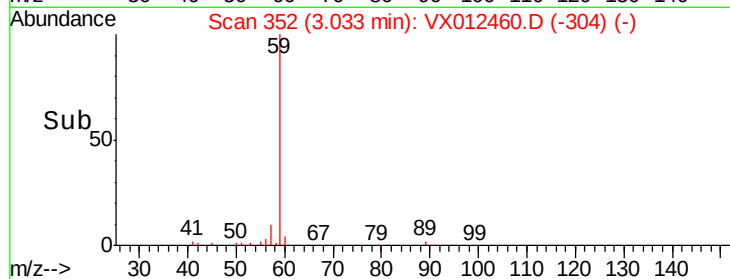
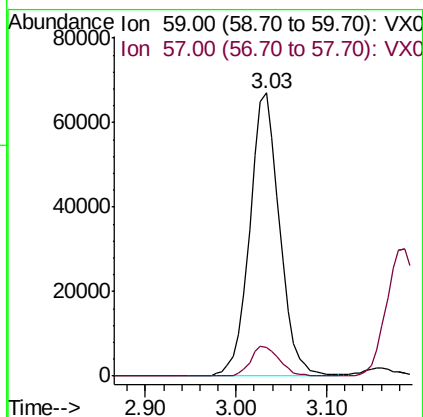
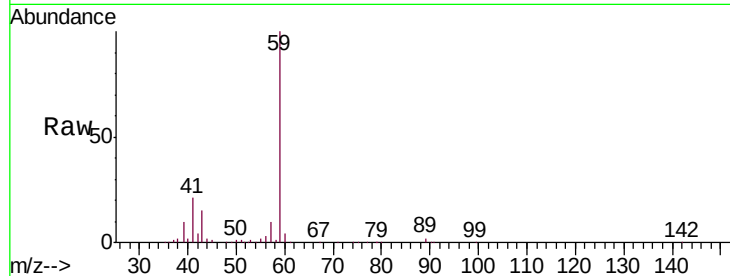




#11
Tert butyl alcohol
Concen: 218.091 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

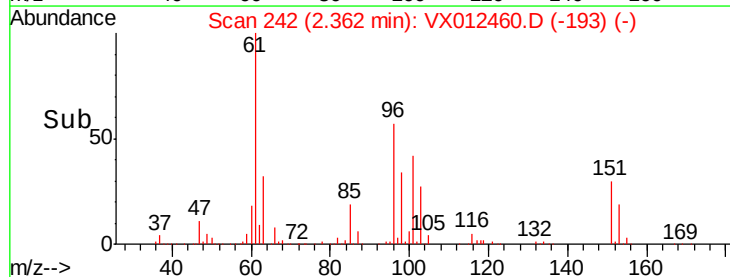
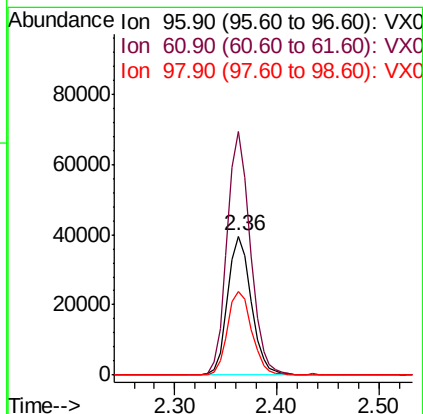
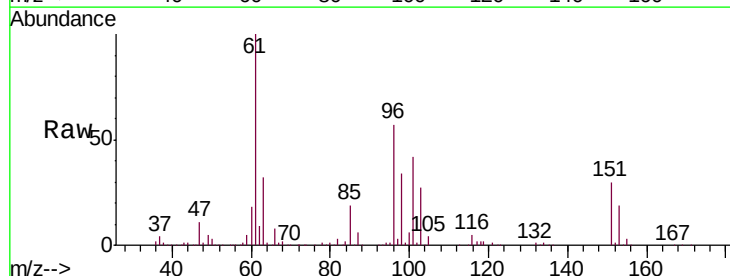
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

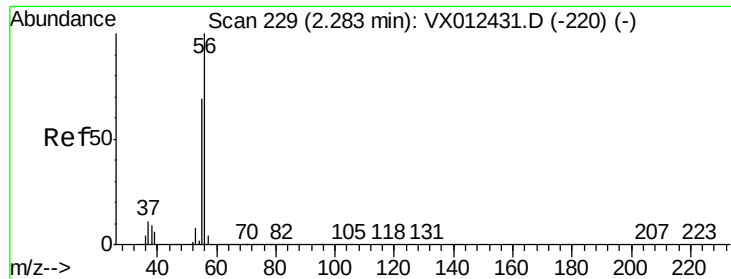
Tgt Ion: 59 Resp: 152590
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.421 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion: 96 Resp: 63228
Ion Ratio Lower Upper
96 100
61 175.3 133.8 200.6
98 60.3 49.9 74.9

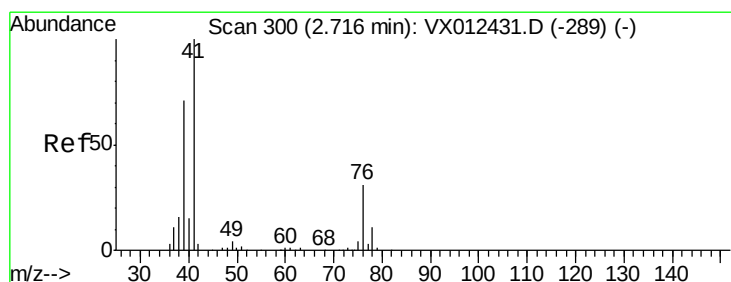
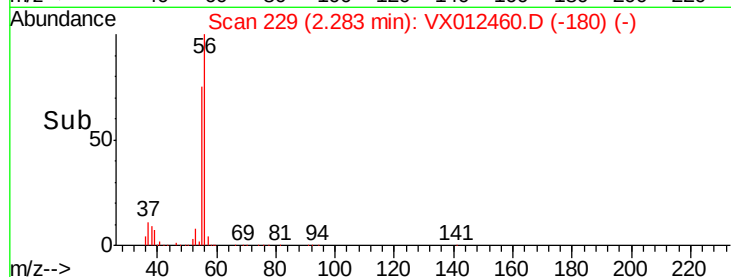
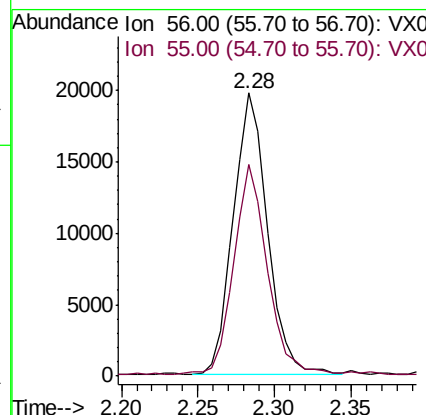
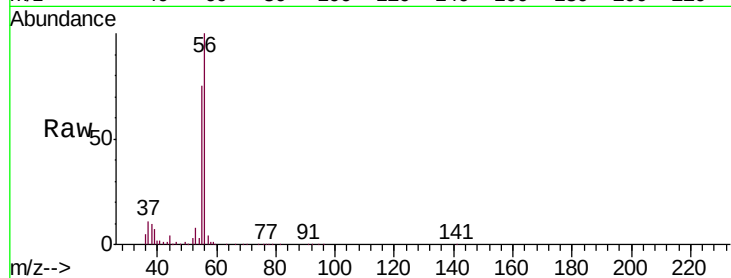




#13
 Acrolein
 Concen: 126.103 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

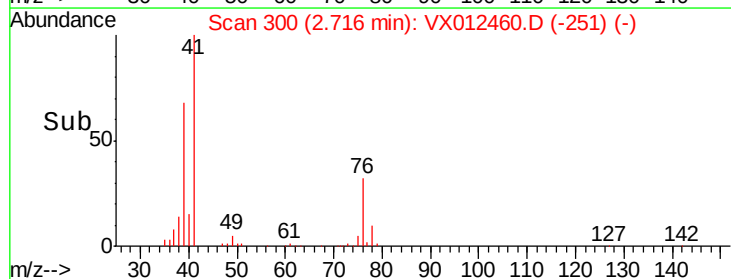
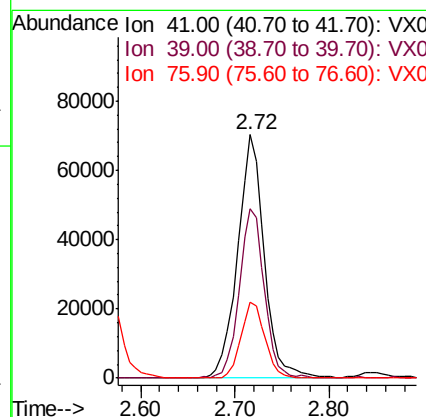
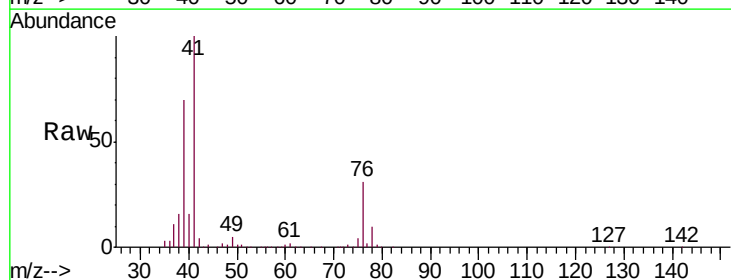
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

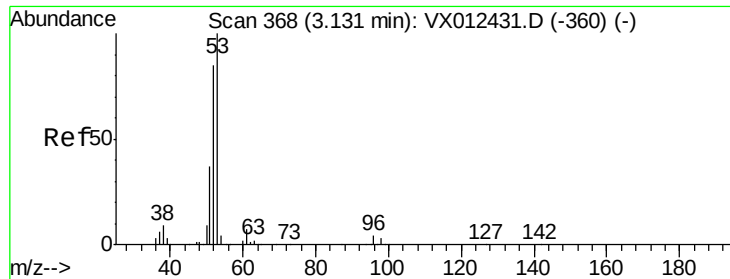
Tgt Ion: 56 Resp: 30647
 Ion Ratio Lower Upper
 56 100
 55 73.3 55.8 83.8



#14
 Allyl chloride
 Concen: 48.895 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 41 Resp: 137301
 Ion Ratio Lower Upper
 41 100
 39 65.2 51.3 76.9
 76 27.9 22.6 33.8

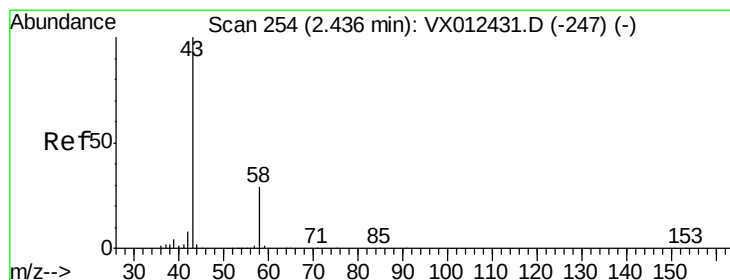
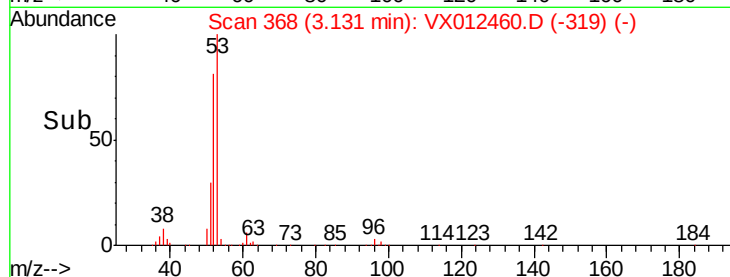
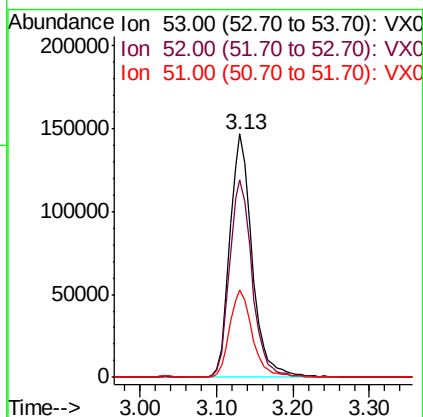
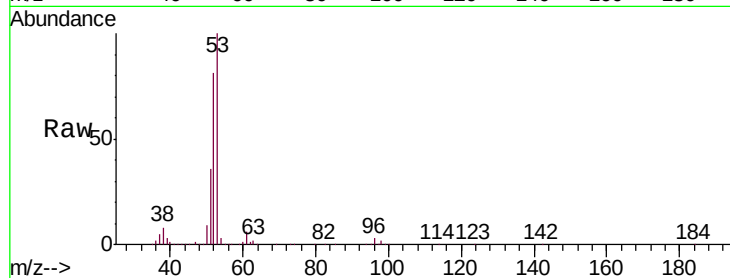




#15
 Acrylonitrile
 Concen: 248.615 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

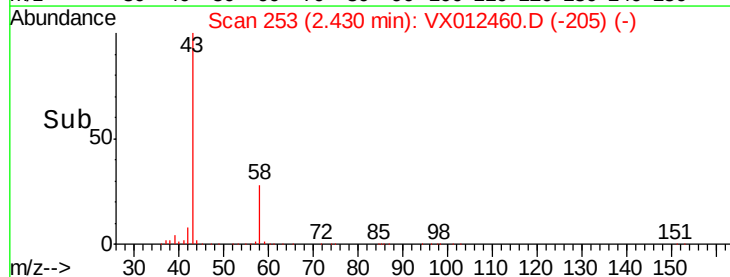
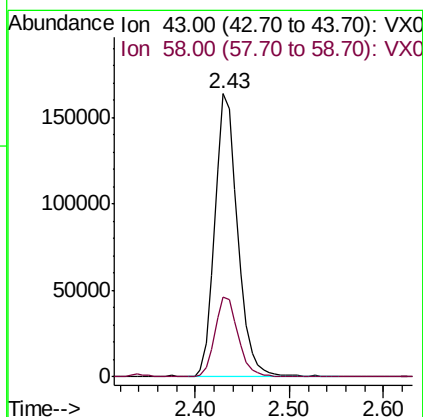
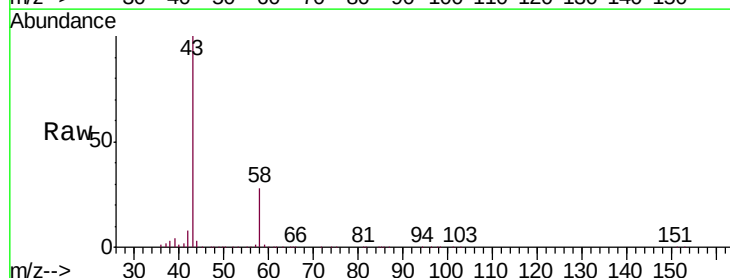
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

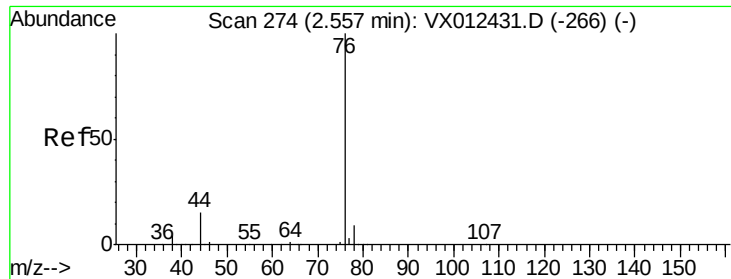
Tgt Ion: 53 Resp: 296221
 Ion Ratio Lower Upper
 53 100
 52 82.5 67.0 100.4
 51 36.6 29.6 44.4



#16
 Acetone
 Concen: 217.300 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 43 Resp: 274309
 Ion Ratio Lower Upper
 43 100
 58 28.3 23.3 34.9





#17

Carbon Disulfide

Concen: 46.883 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

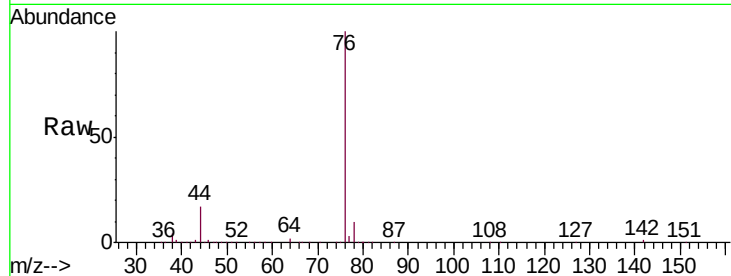
VSTDCCC050EC

Tgt Ion: 76 Resp: 79774

Ion Ratio Lower Upper

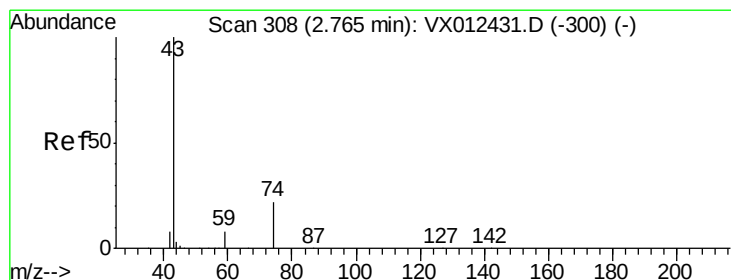
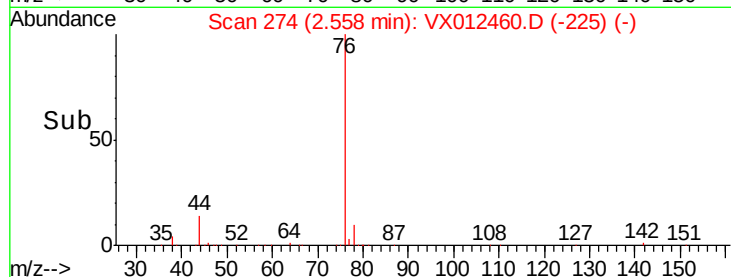
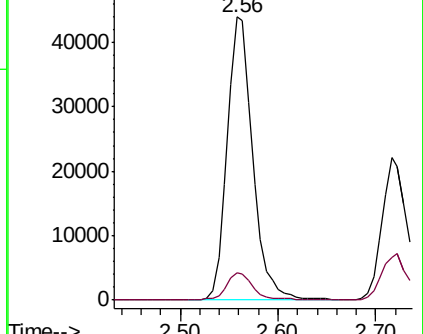
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.577 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012460.D

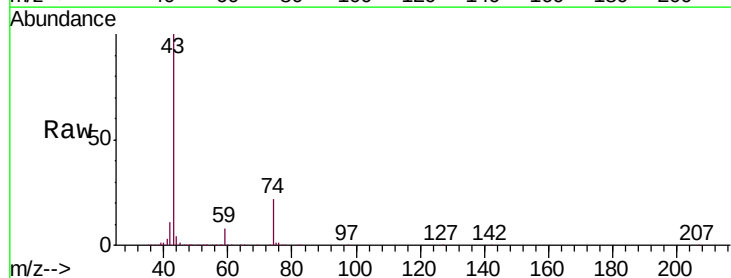
Acq: 18 Sep 2019 02:31

Tgt Ion: 43 Resp: 156370

Ion Ratio Lower Upper

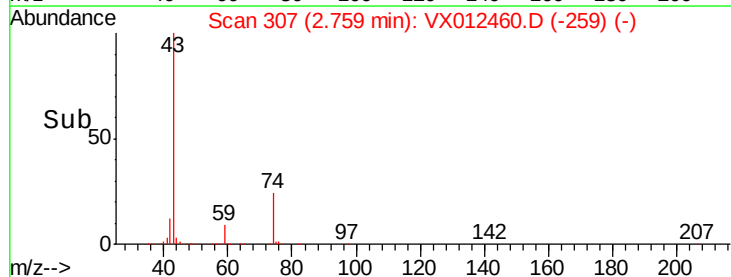
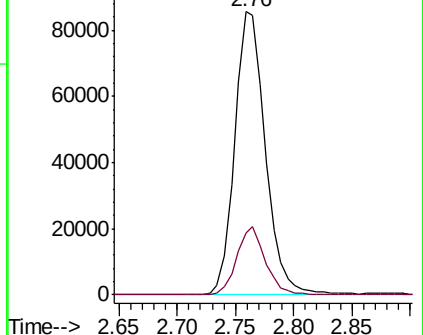
43 100

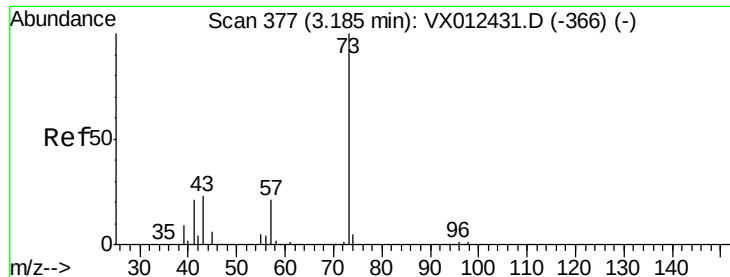
74 22.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



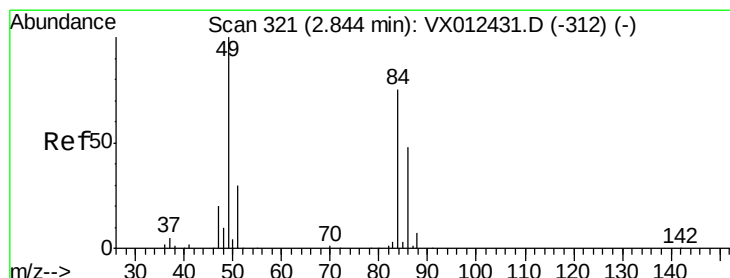
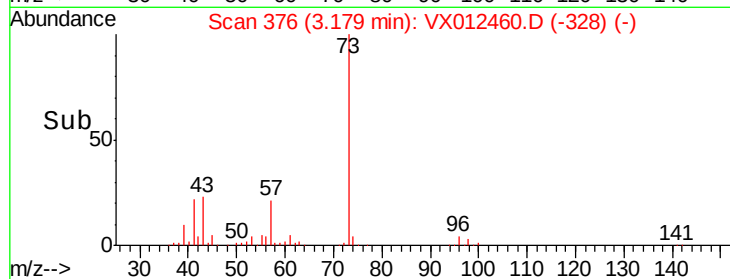
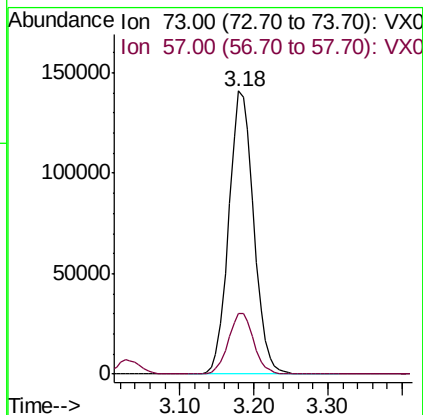
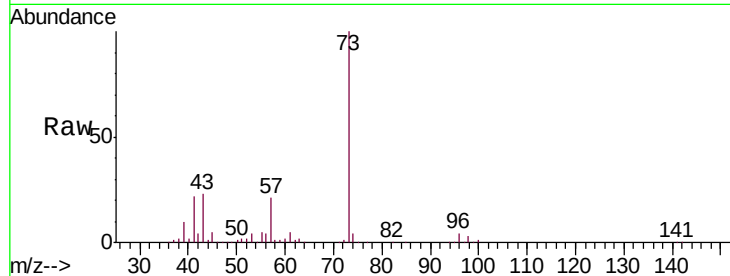


#19

Methyl tert-butyl Ether
 Concen: 50.288 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

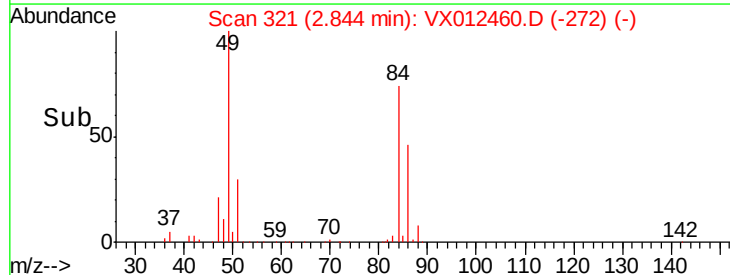
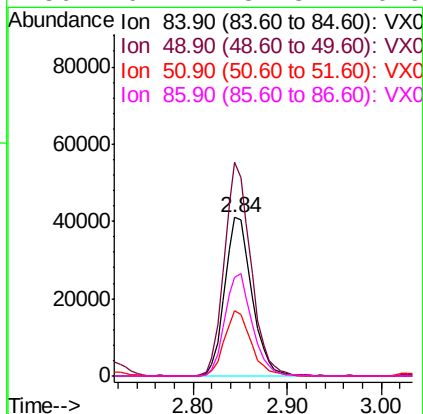
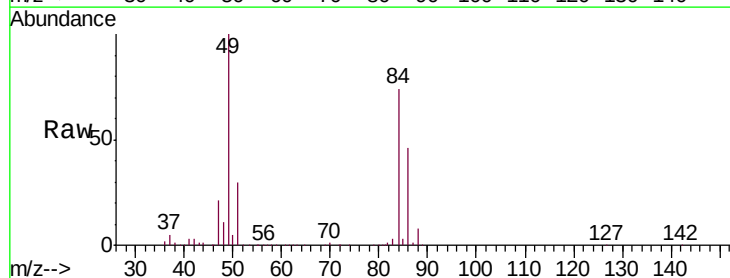
Tgt Ion: 73 Resp: 330712
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.8 25.2

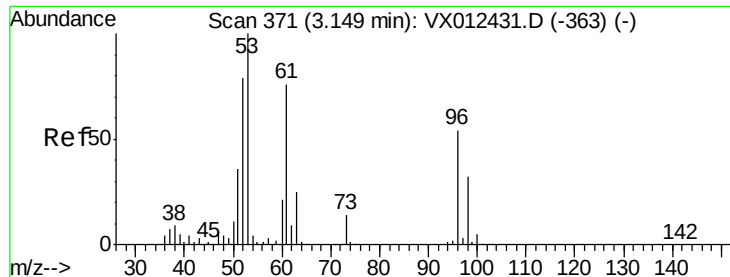


#20

Methylene Chloride
 Concen: 49.696 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 84 Resp: 82696
 Ion Ratio Lower Upper
 84 100
 49 134.5 106.8 160.2
 51 40.7 32.3 48.5
 86 62.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.863 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

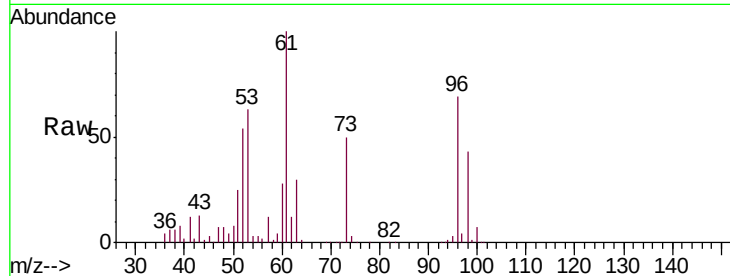
Tgt Ion: 96 Resp: 67464

Ion Ratio Lower Upper

96 100

61 144.1 112.0 168.0

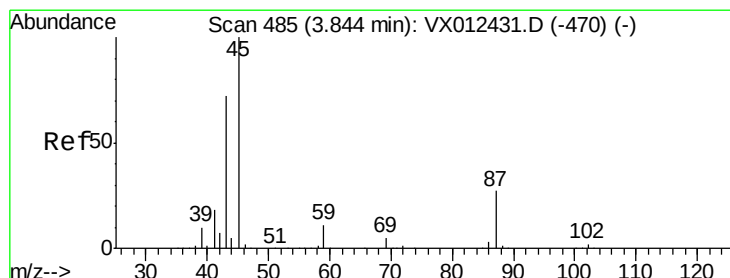
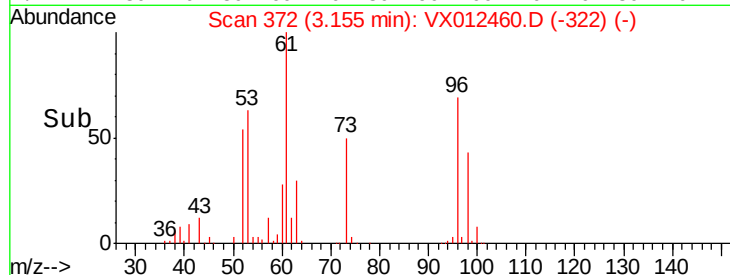
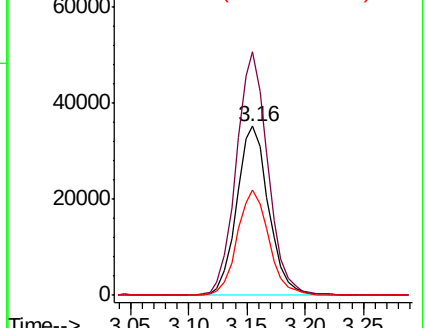
98 62.1 47.8 71.8



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: 50.644 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion: 45 Resp: 332979

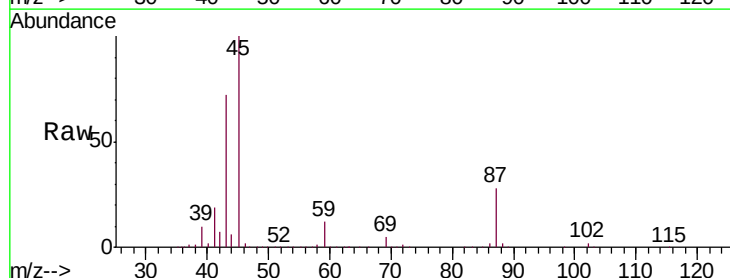
Ion Ratio Lower Upper

45 100

43 72.0 57.8 86.8

87 27.6 21.3 31.9

59 12.0 8.5 12.7

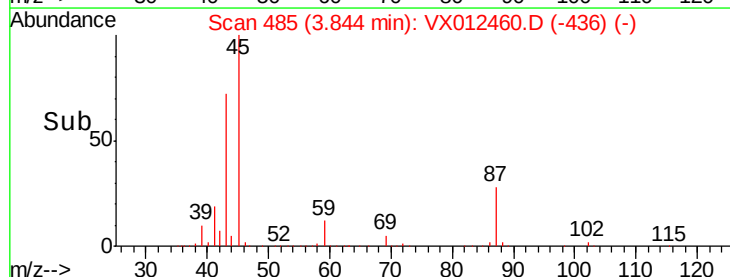
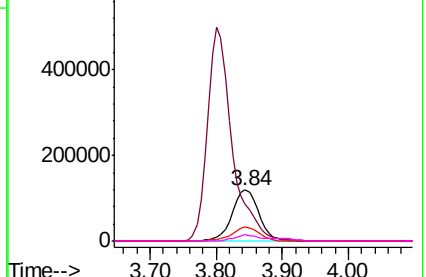


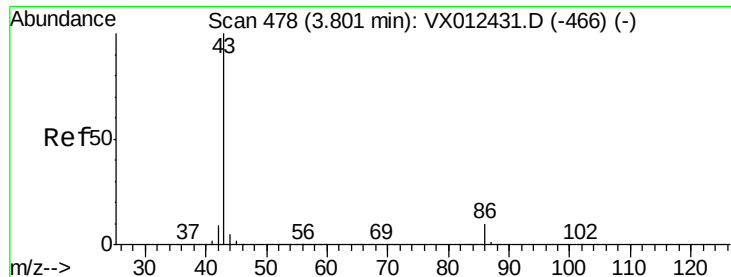
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 238.201 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

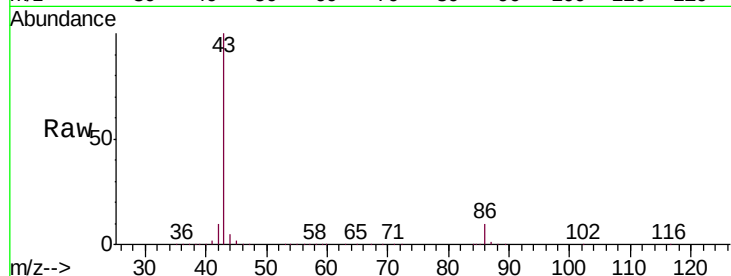
VSTDCCC050EC

Tgt Ion: 43 Resp: 1288332

Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

500000

400000

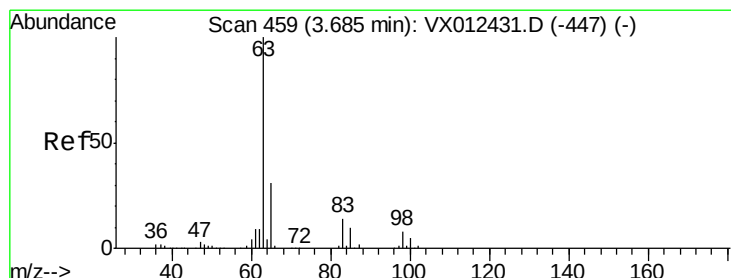
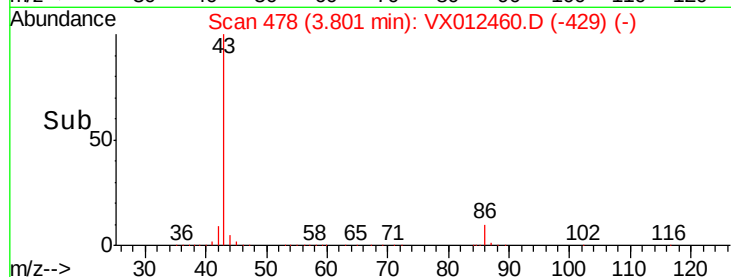
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.451 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

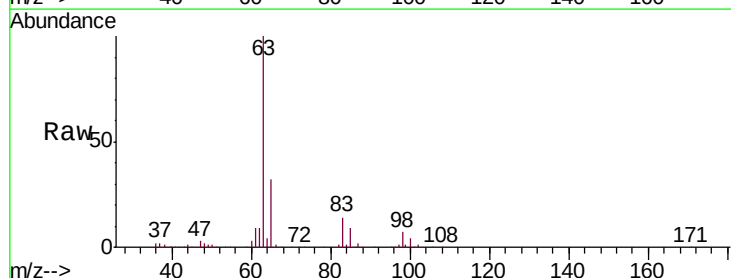
Tgt Ion: 63 Resp: 165003

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

100 4.3 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

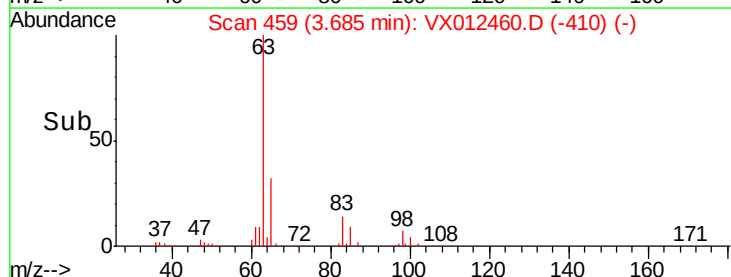
60000

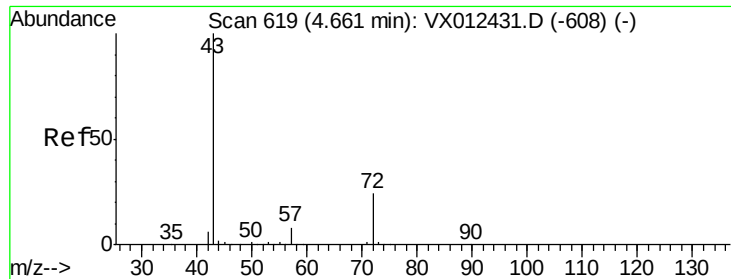
40000

20000

0

Time-->





#25

2-Butanone

Concen: 229.461 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

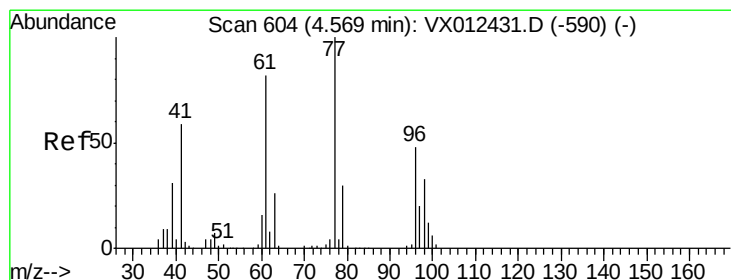
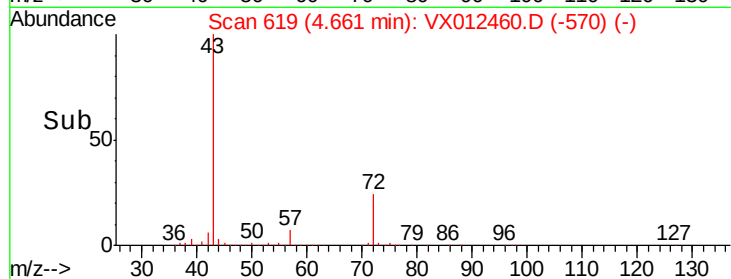
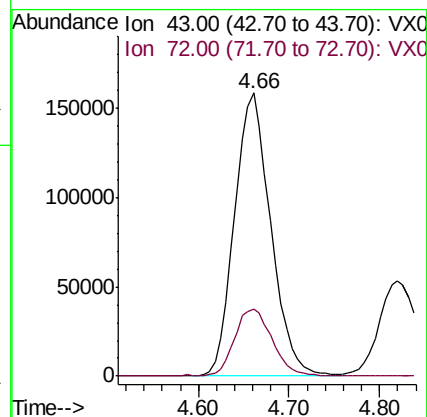
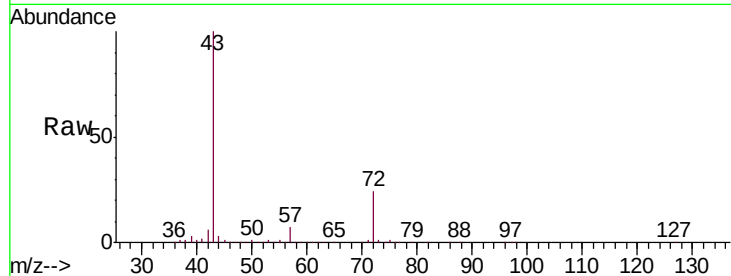
VSTDCCC050EC

Tgt Ion: 43 Resp: 437643

Ion Ratio Lower Upper

43 100

72 23.6 19.2 28.8



#26

2,2-Dichloropropane

Concen: 35.976 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012460.D

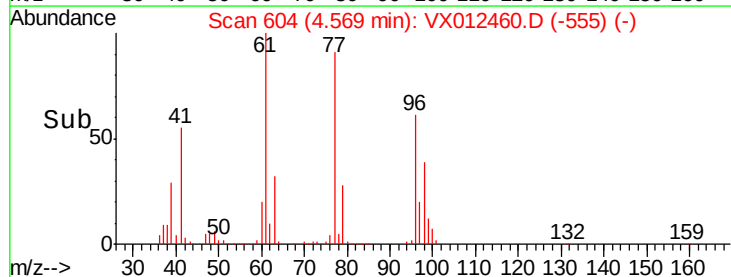
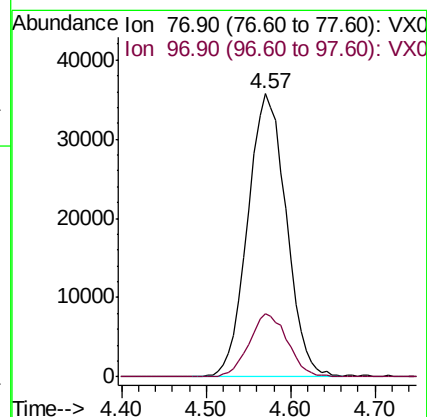
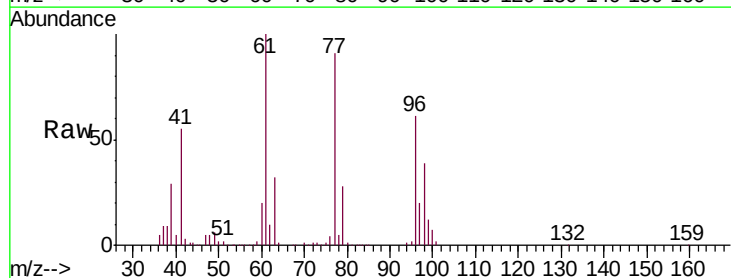
Acq: 18 Sep 2019 02:31

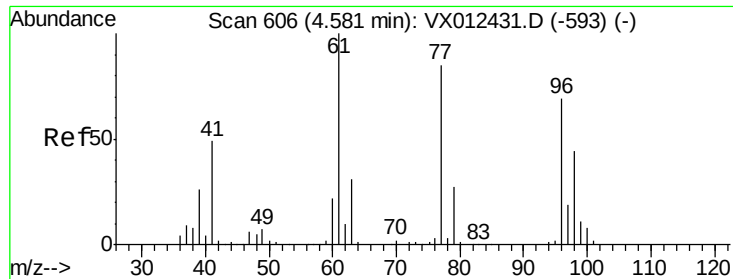
Tgt Ion: 77 Resp: 111305

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6



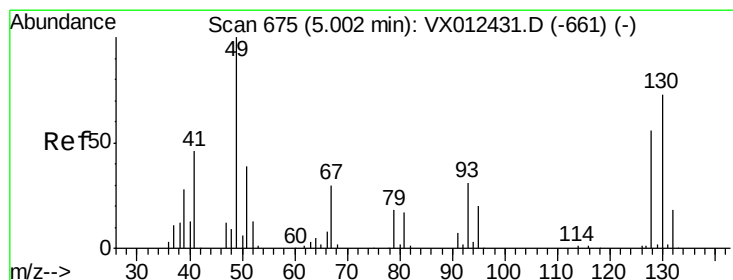
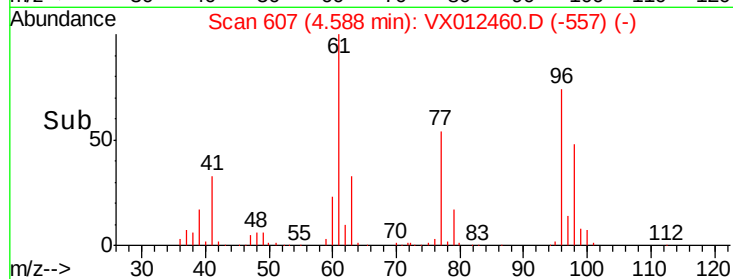
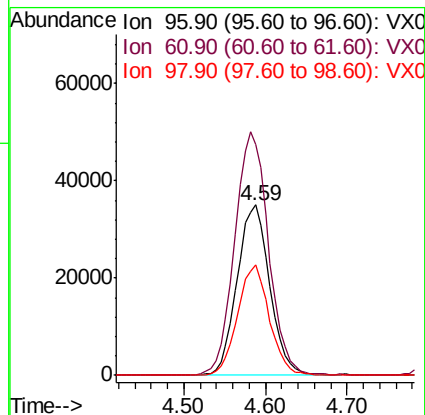
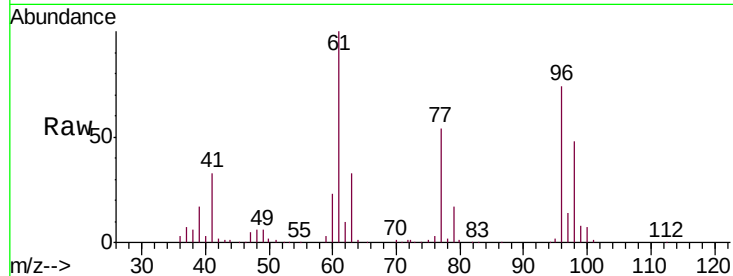


#27

cis-1,2-Dichloroethene
 Concen: 52.013 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

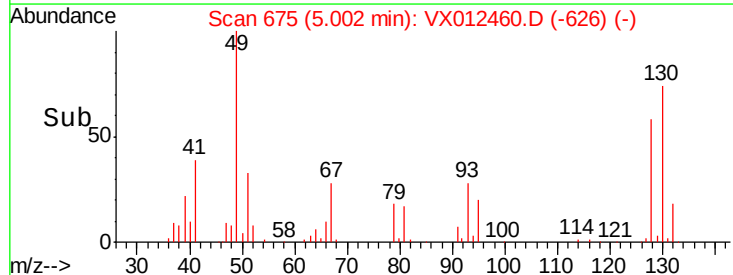
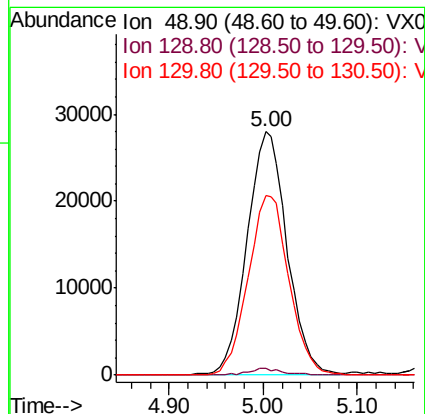
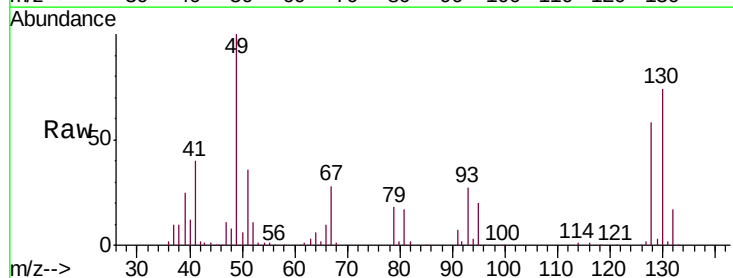
Tgt Ion: 96 Resp: 97319
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 319.4
 98 63.2 0.0 130.6

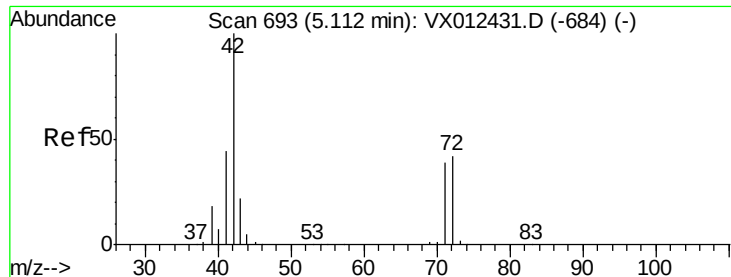


#28

Bromochloromethane
 Concen: 51.447 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 49 Resp: 83437
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 75.1 58.2 87.4

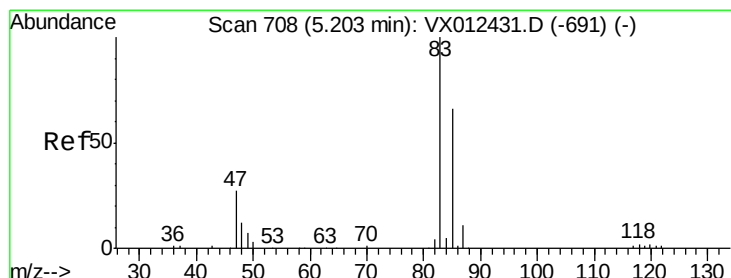
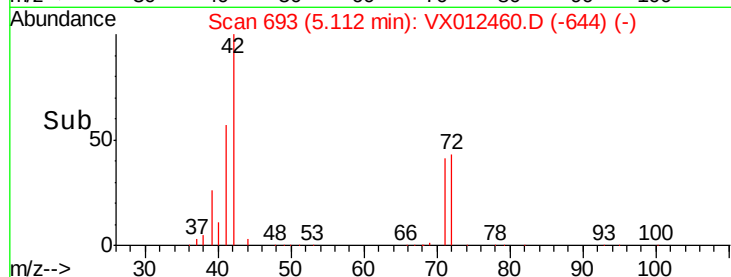
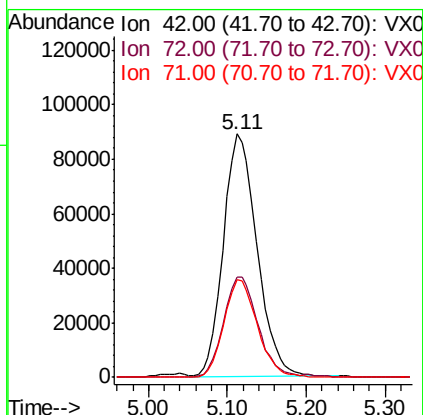
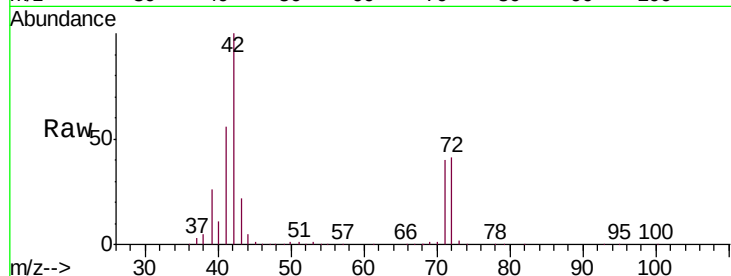




#29
Tetrahydrofuran
Concen: 251.589 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

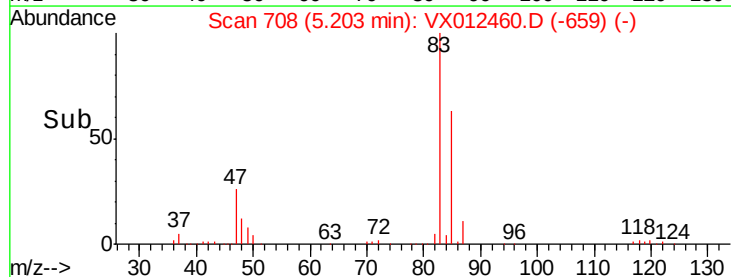
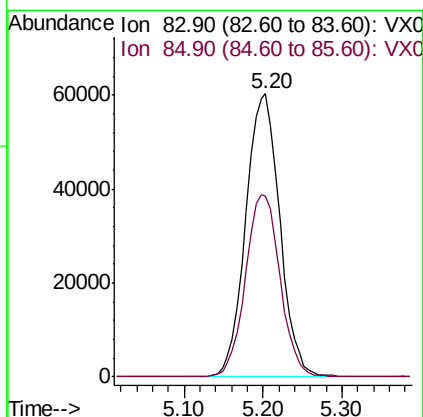
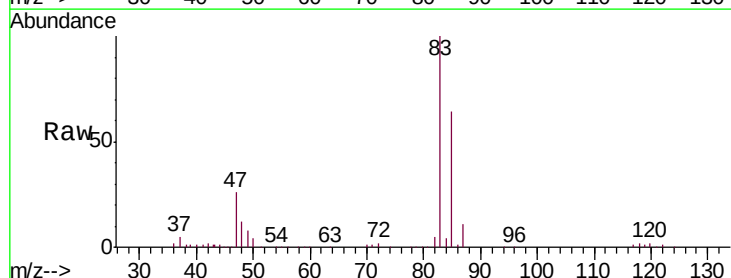
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

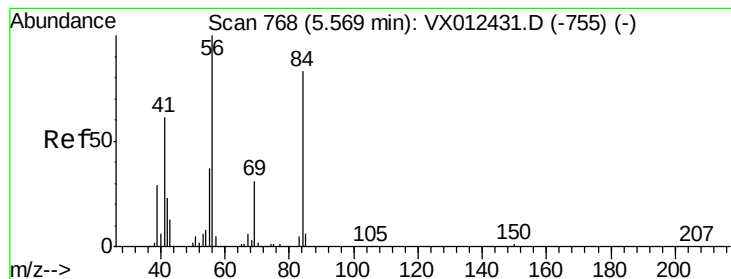
Tgt Ion: 42 Resp: 265086
Ion Ratio Lower Upper
42 100
72 42.0 34.0 51.0
71 40.0 31.5 47.3



#30
Chloroform
Concen: 50.178 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion: 83 Resp: 181289
Ion Ratio Lower Upper
83 100
85 64.0 53.0 79.4





#31

Cyclohexane

Concen: 52.335 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

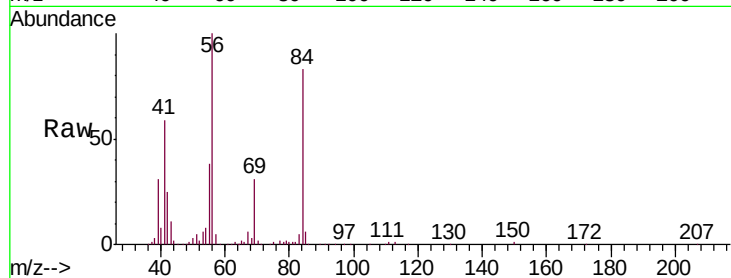
Tgt Ion: 56 Resp: 99385

Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.6

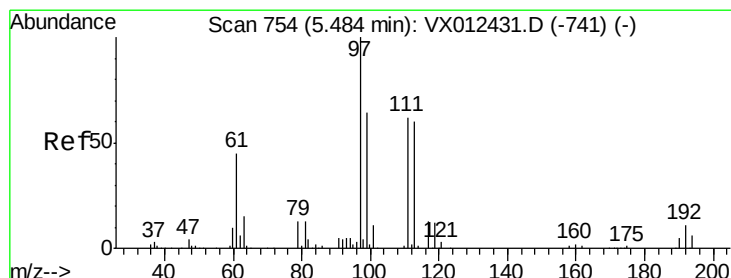
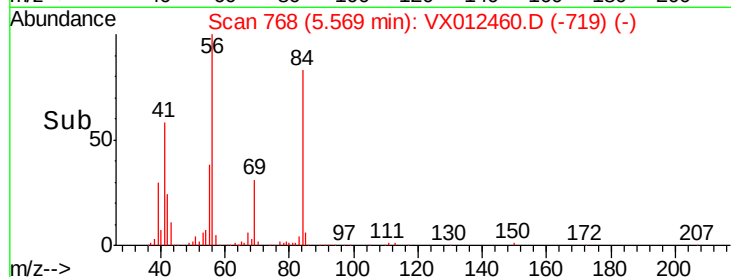
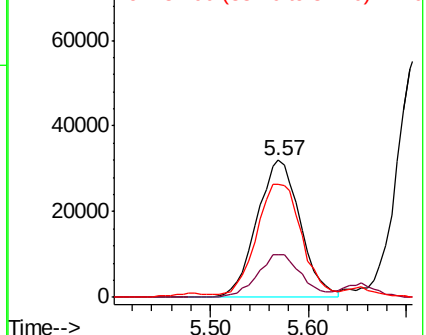
84 79.7 66.4 99.6



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: 51.831 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

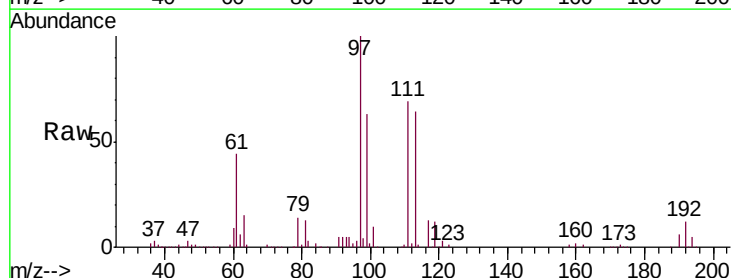
Tgt Ion: 97 Resp: 156511

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

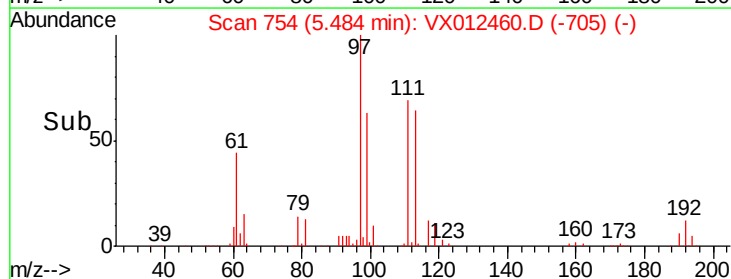
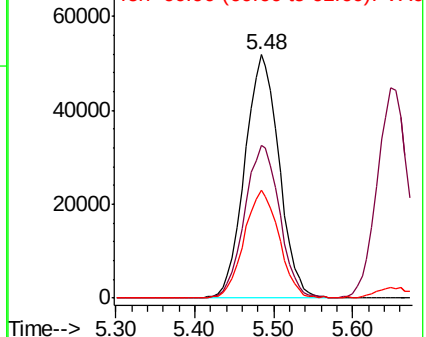
61 45.1 36.1 54.1

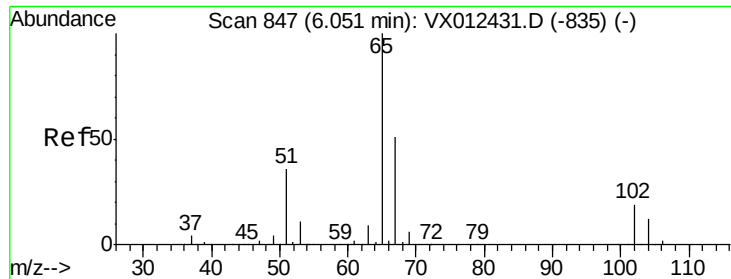


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

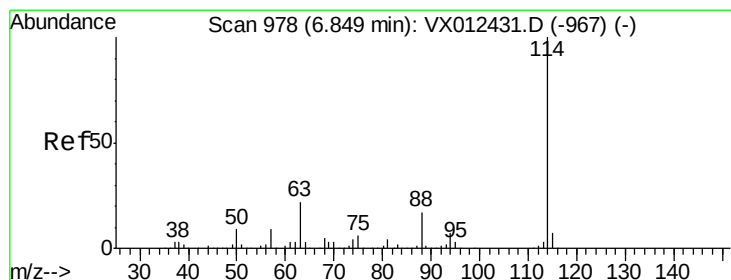
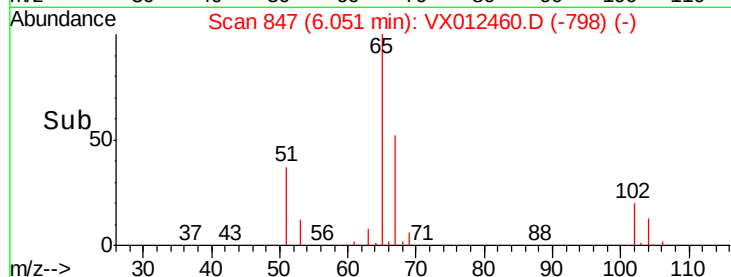
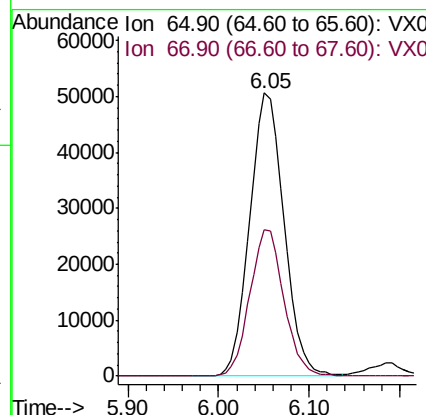
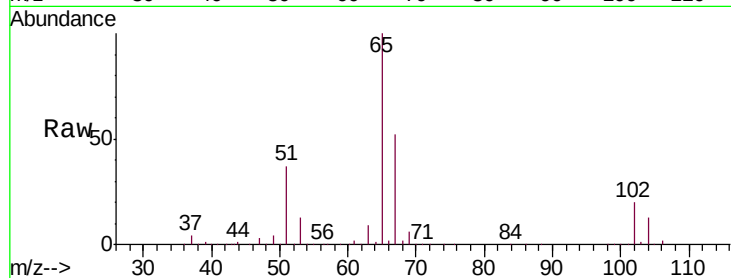




#33
 1,2-Dichloroethane-d4
 Concen: 48.305 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

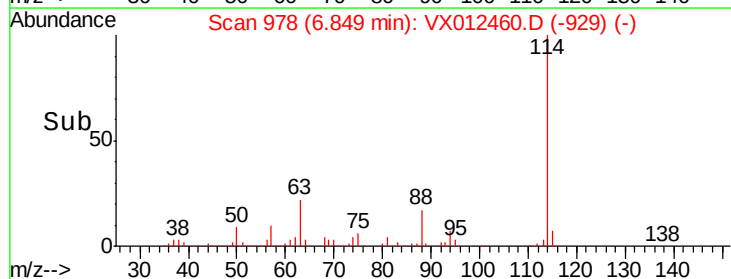
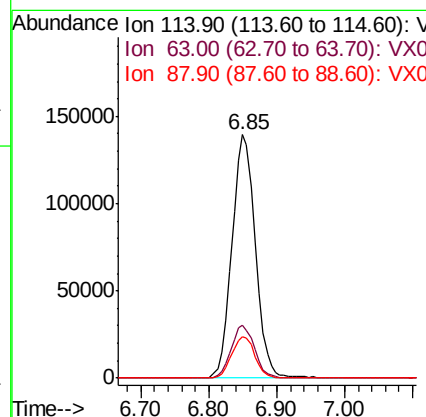
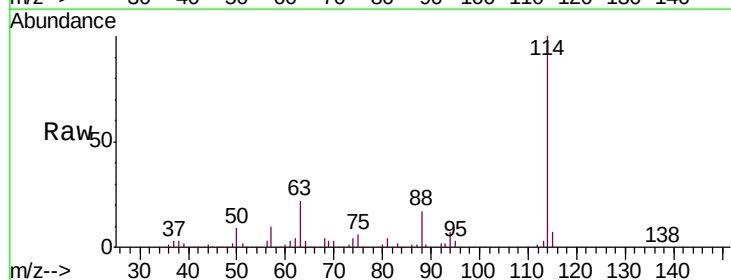
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

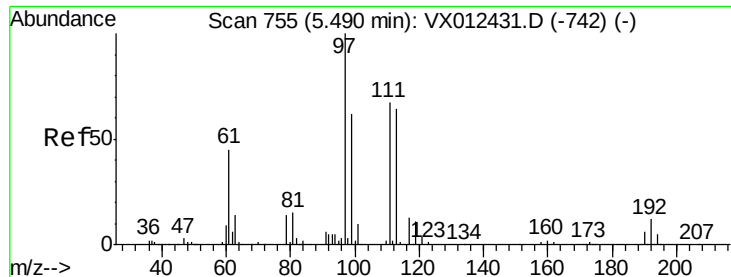
Tgt Ion: 65 Resp: 132817
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 114 Resp: 332609
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.9 0.0 33.2

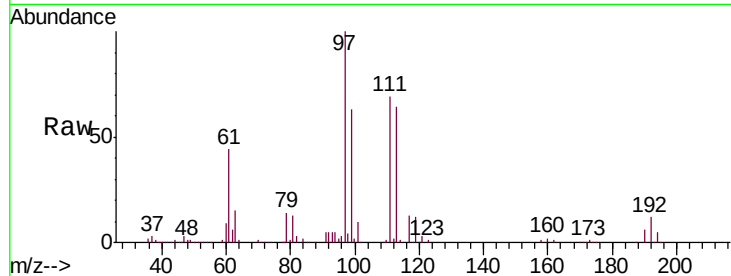




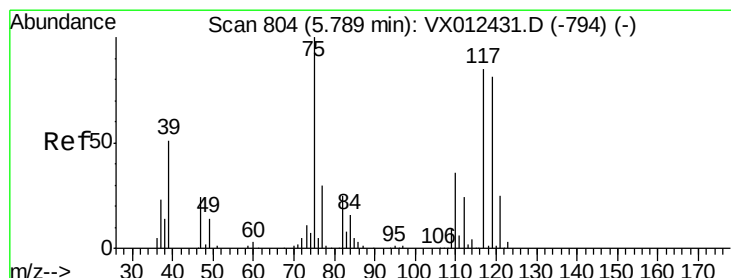
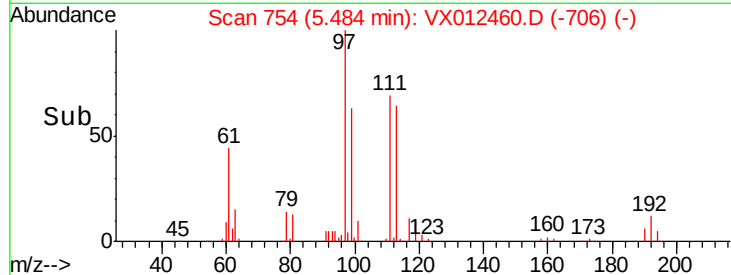
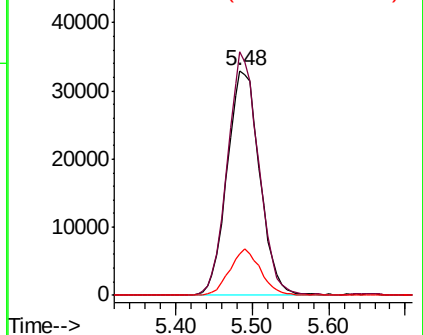
#35
 Dibromofluoromethane
 Concen: 48.285 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 97204
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.4 125.2
 192 19.4 14.4 21.6

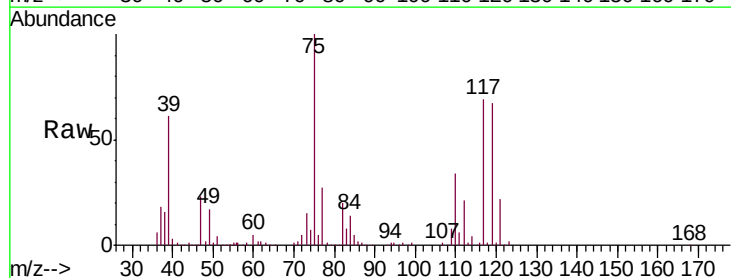


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

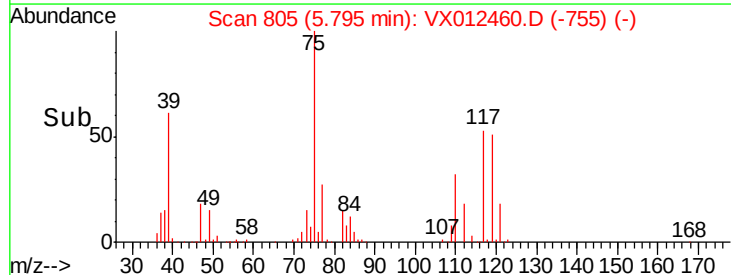
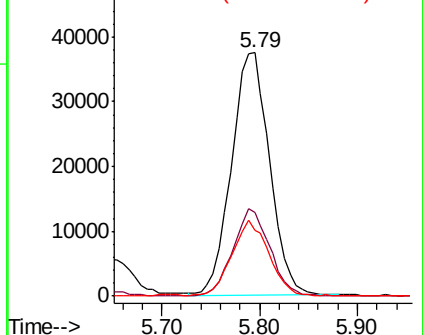


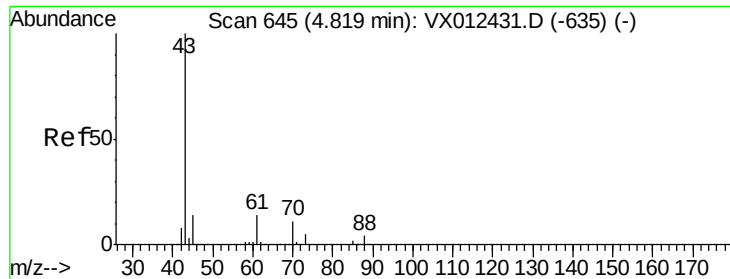
#36
 1,1-Dichloropropene
 Concen: 49.977 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 75 Resp: 101026
 Ion Ratio Lower Upper
 75 100
 110 35.0 16.7 50.0
 77 30.2 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

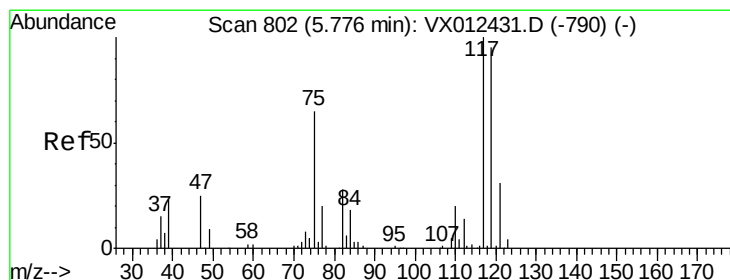
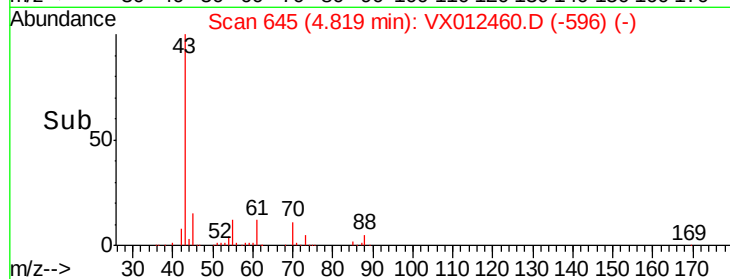
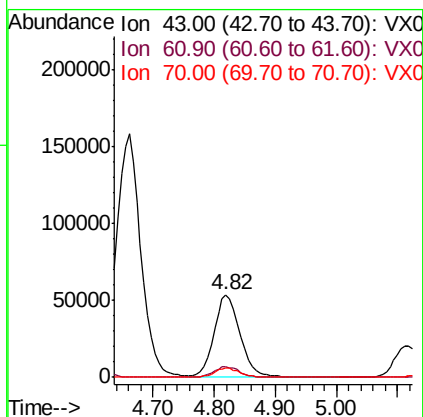
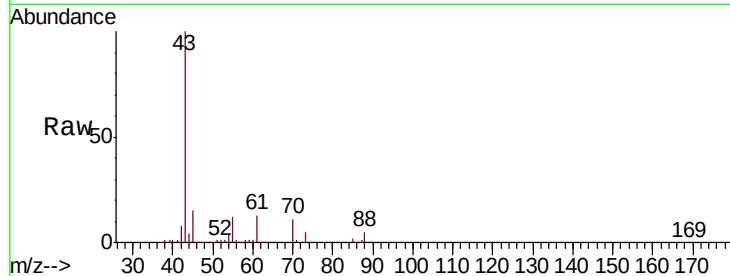




#37
Ethyl Acetate
Concen: 51.510 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

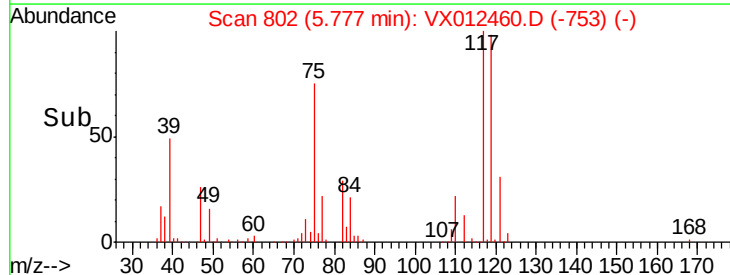
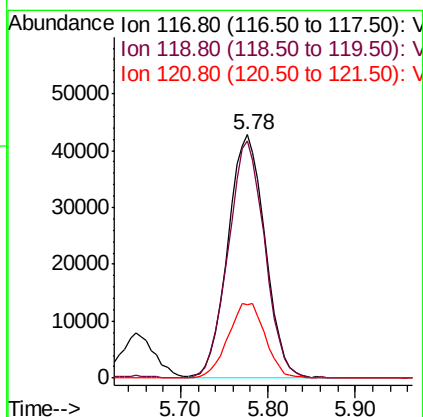
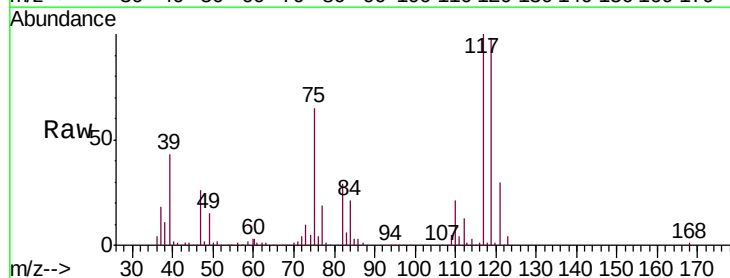
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

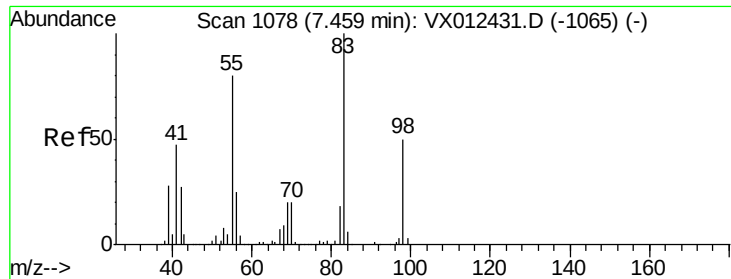
Tgt Ion: 43 Resp: 159830
Ion Ratio Lower Upper
43 100
61 12.4 10.2 15.4
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 50.215 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion: 117 Resp: 126247
Ion Ratio Lower Upper
117 100
119 97.6 75.7 113.5
121 30.4 24.2 36.4

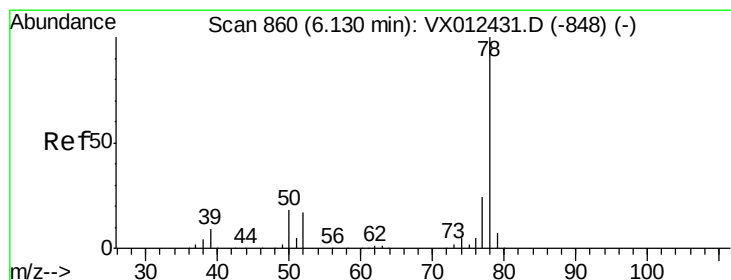
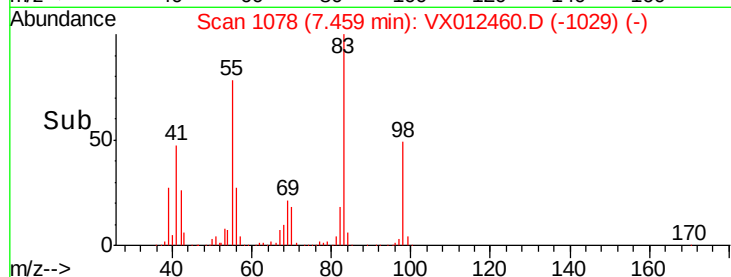
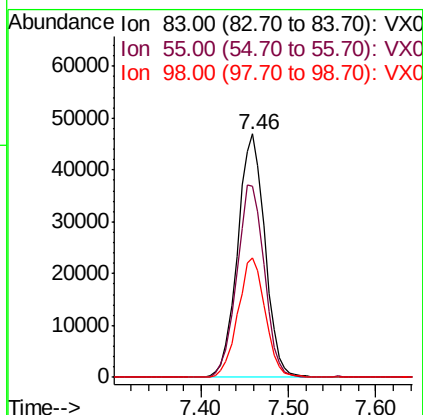
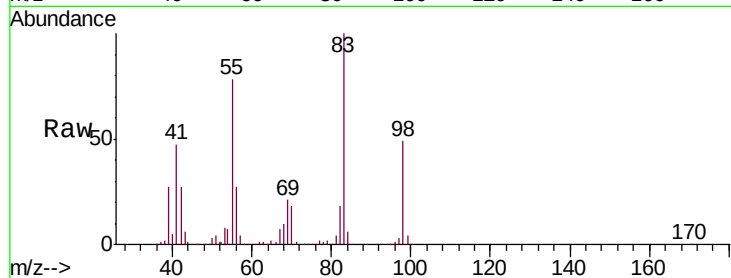




#39
Methylcyclohexane
Concen: 51.845 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

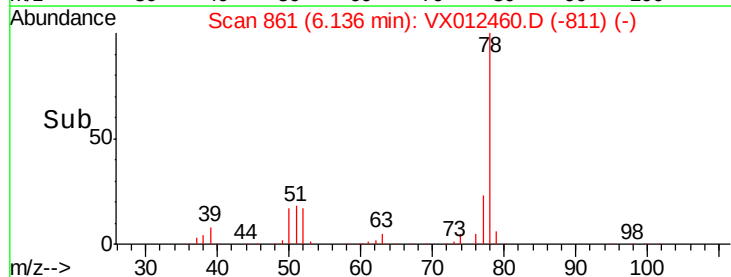
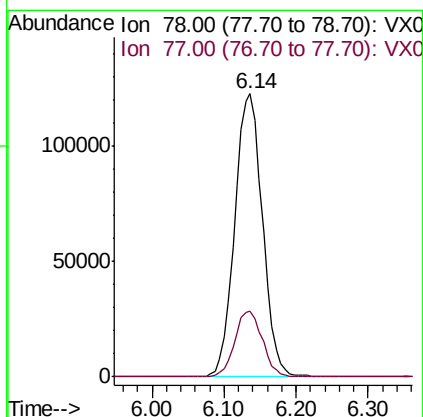
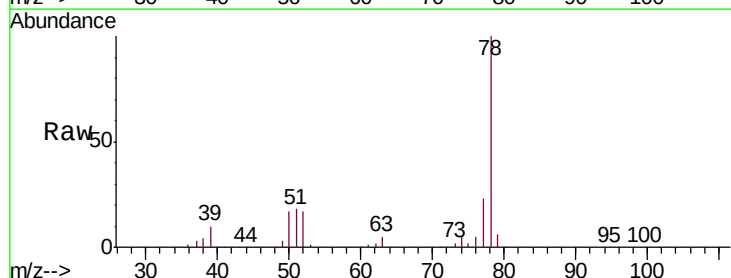
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

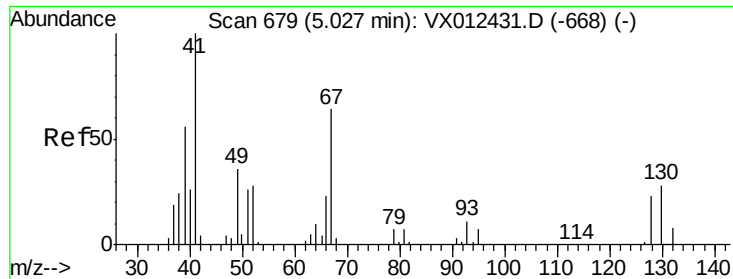
Tgt Ion: 83 Resp: 101880
Ion Ratio Lower Upper
83 100
55 78.5 64.4 96.6
98 49.0 40.1 60.1



#40
Benzene
Concen: 51.055 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion: 78 Resp: 328188
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8





#41

Methacrylonitrile

Concen: 46.729 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 93363

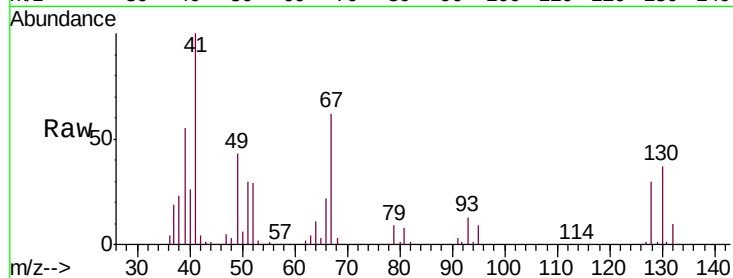
Ion Ratio Lower Upper

41 100

39 57.5 46.0 69.0

67 68.0 52.2 78.2

52 29.7 22.7 34.1

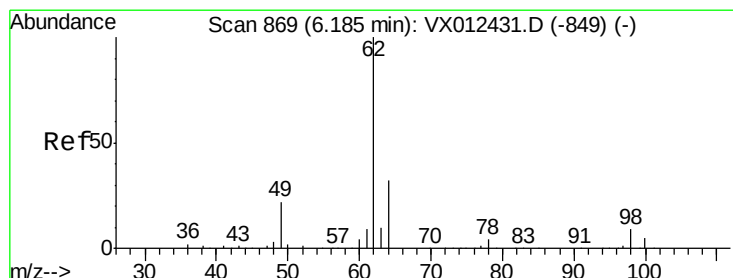
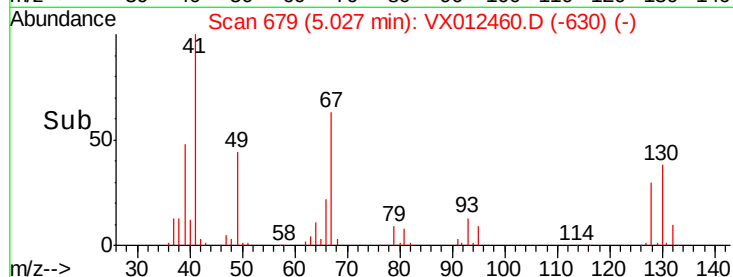
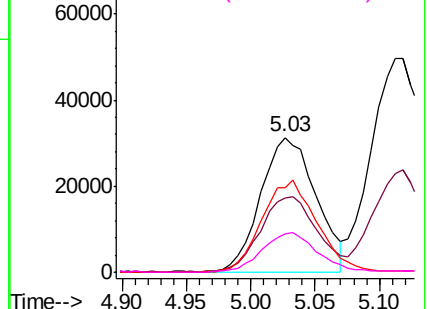


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.439 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012460.D

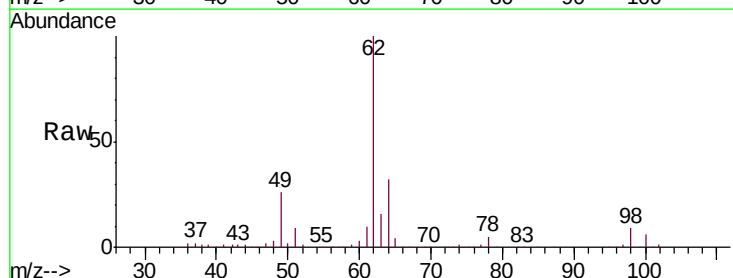
Acq: 18 Sep 2019 02:31

Tgt Ion: 62 Resp: 147399

Ion Ratio Lower Upper

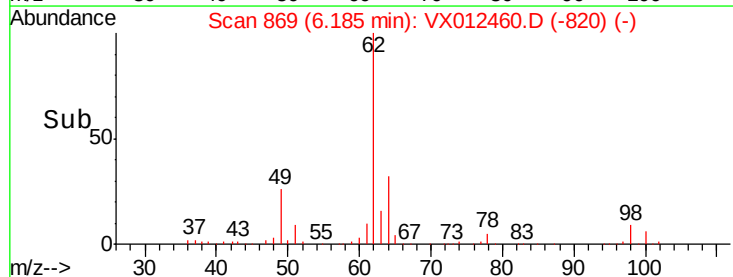
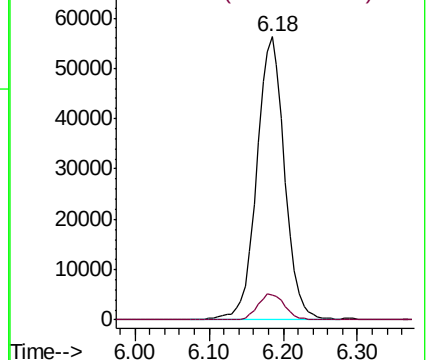
62 100

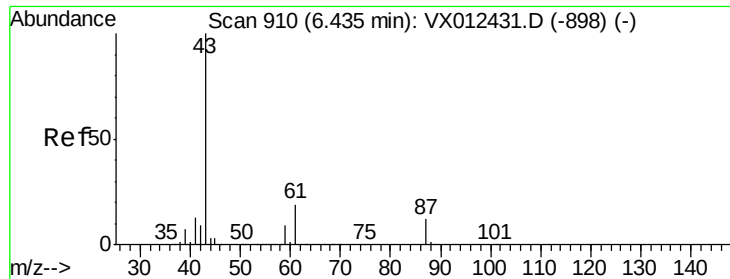
98 8.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.295 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

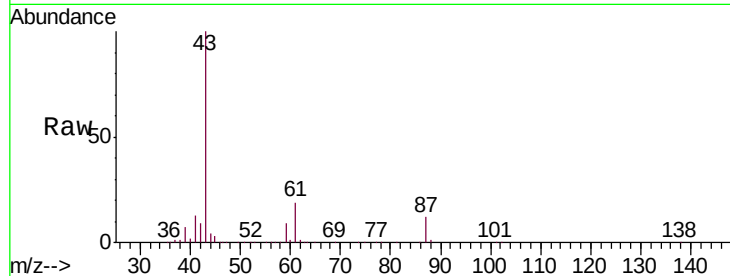
Tgt Ion: 43 Resp: 268960

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

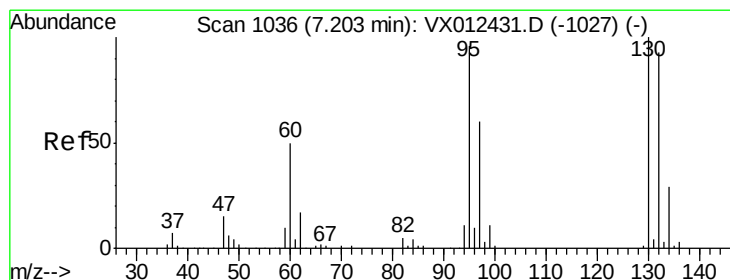
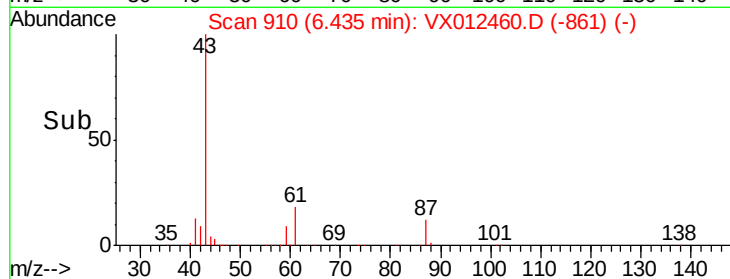
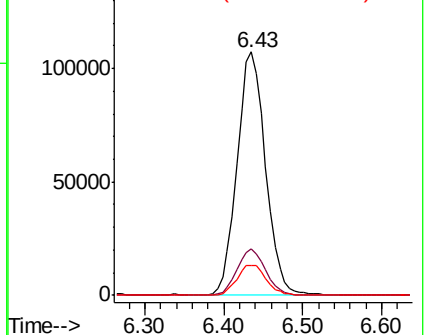
87 12.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.730 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012460.D

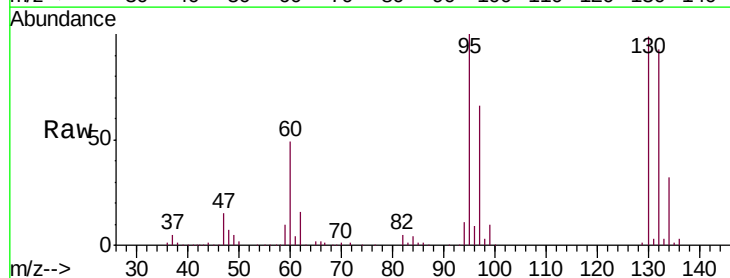
Acq: 18 Sep 2019 02:31

Tgt Ion: 130 Resp: 90853

Ion Ratio Lower Upper

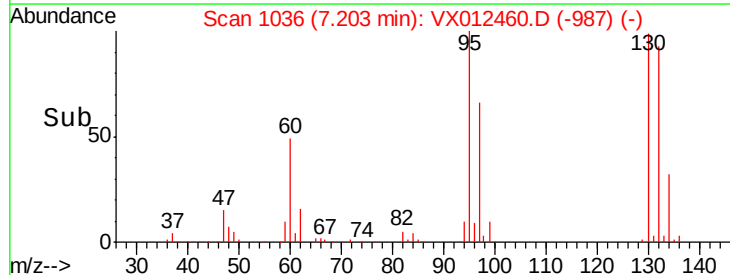
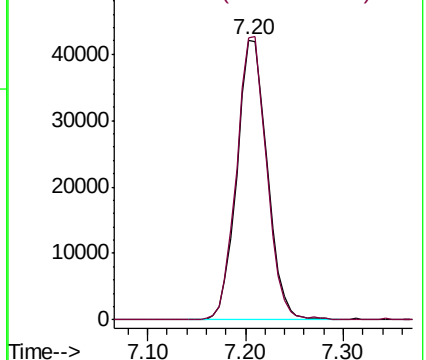
130 100

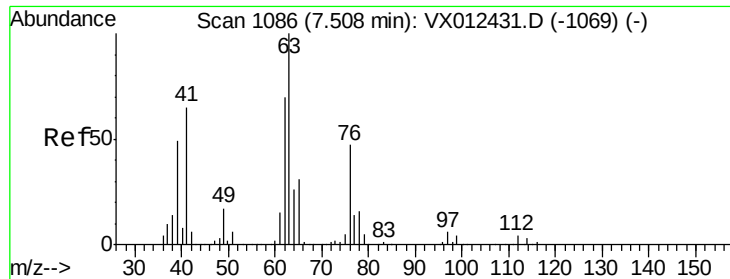
95 100.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.083 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

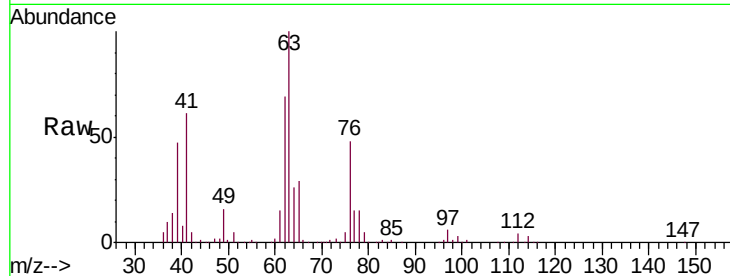
VSTDCCC050EC

Tgt Ion: 63 Resp: 98907

Ion Ratio Lower Upper

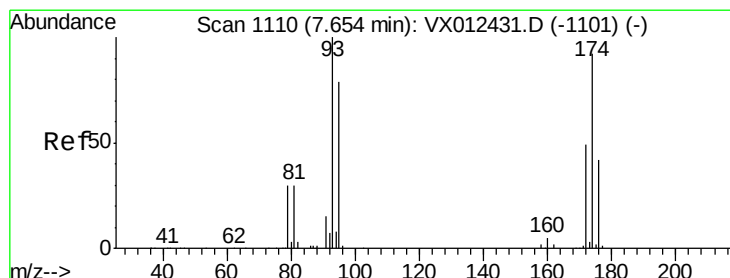
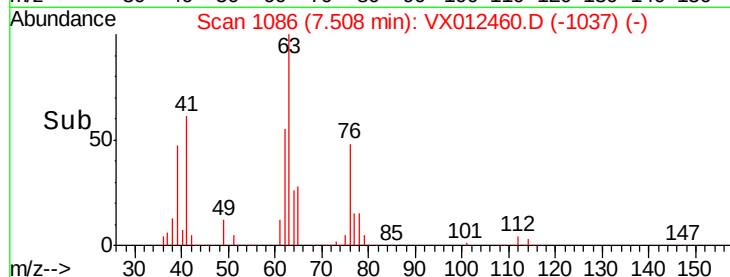
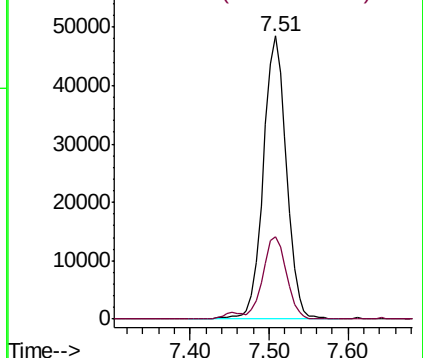
63 100

65 29.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.009 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

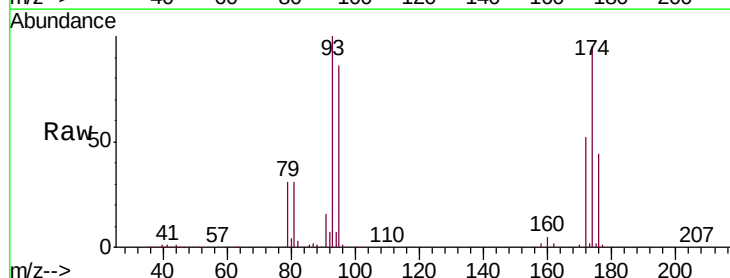
Tgt Ion: 93 Resp: 63911

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

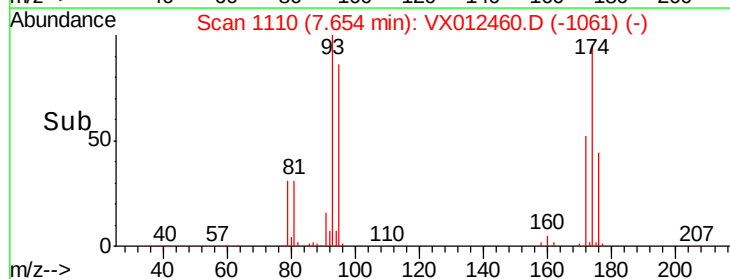
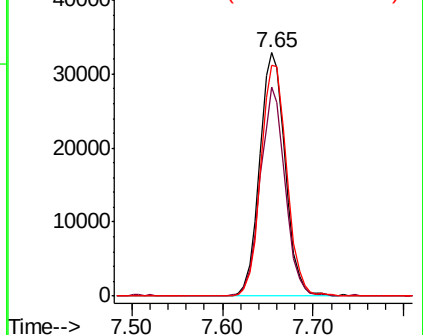
174 96.5 77.4 116.0

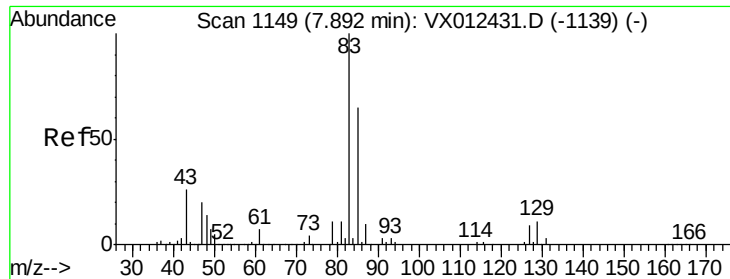


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.361 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

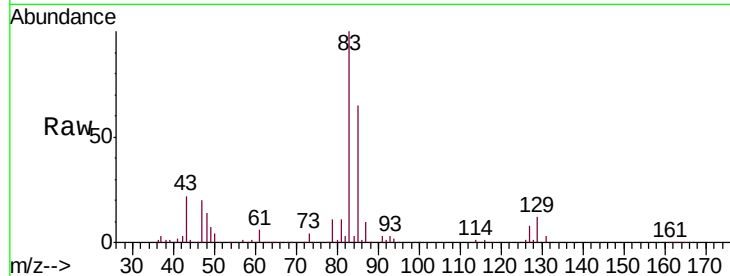
Tgt Ion: 83 Resp: 146151

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6

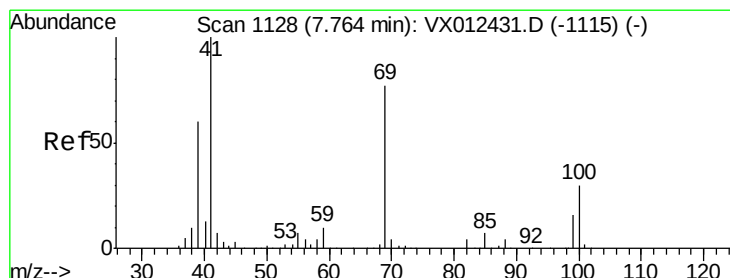
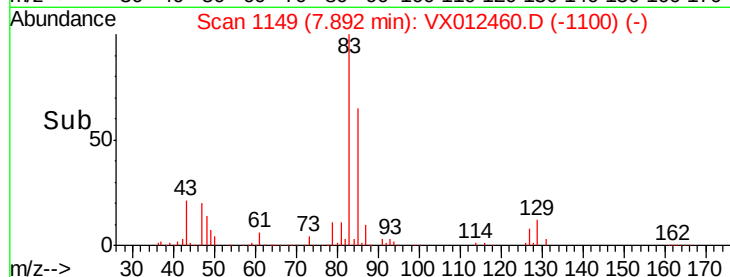
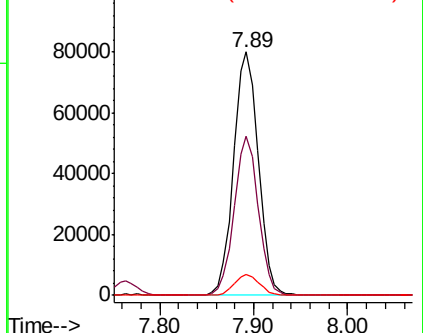
127 8.4 7.3 10.9



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: 49.165 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

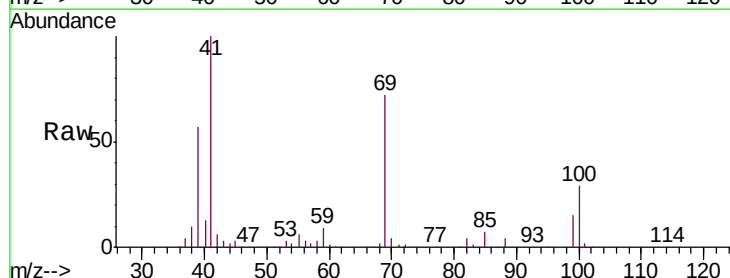
Tgt Ion: 41 Resp: 129071

Ion Ratio Lower Upper

41 100

69 75.6 59.9 89.9

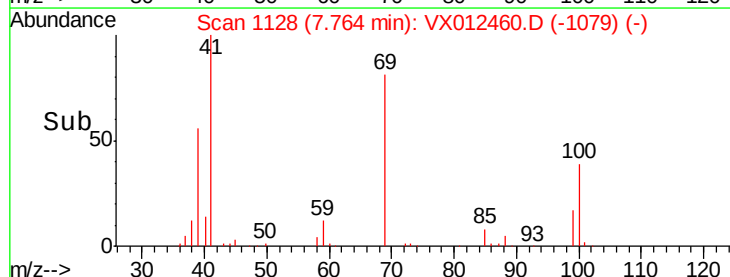
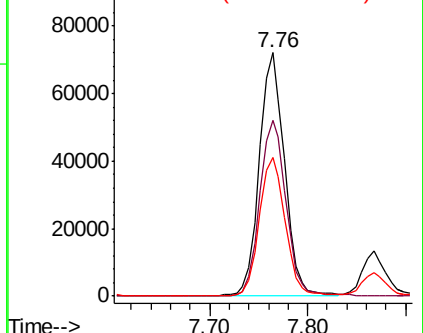
39 58.1 47.8 71.6

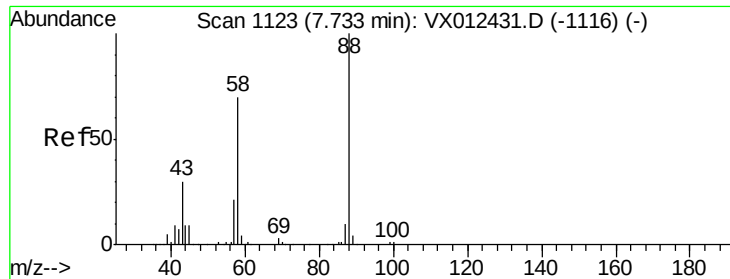


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

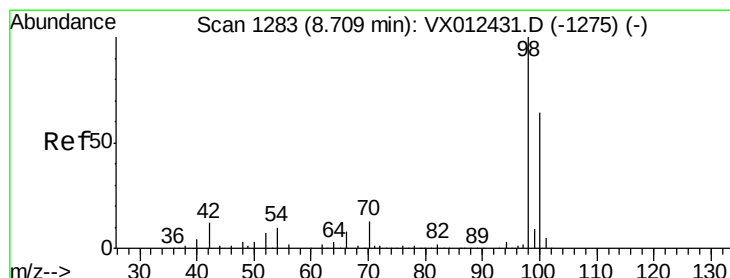
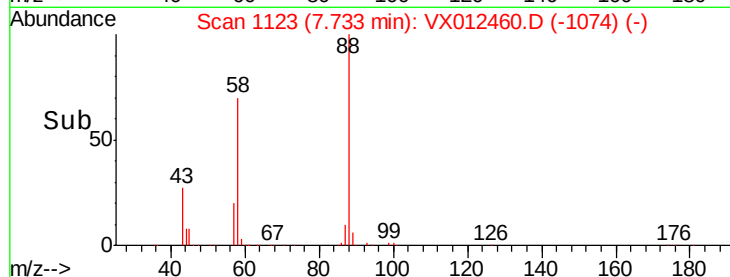
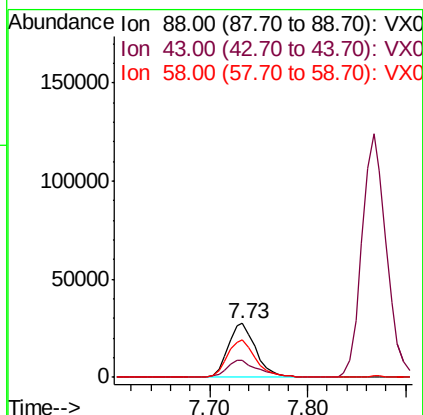
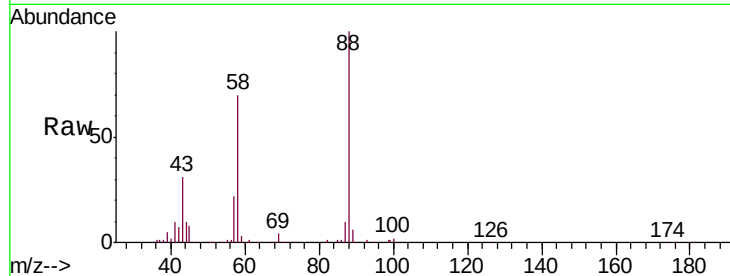




#49
 1,4-Dioxane
 Concen: 850.929 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

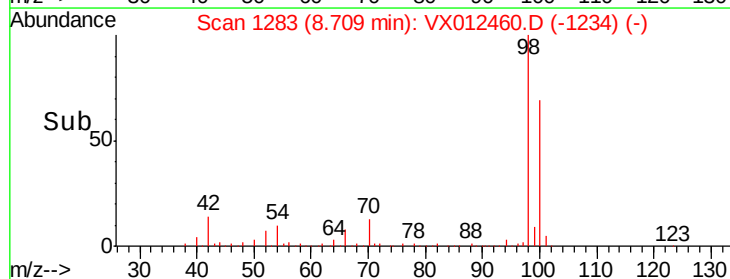
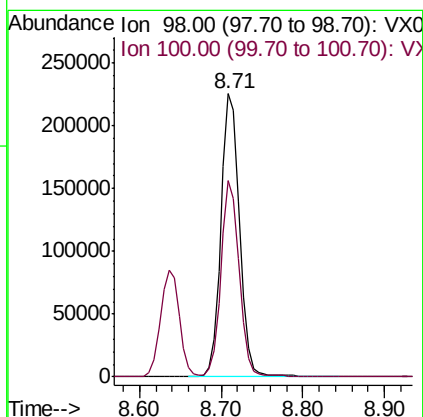
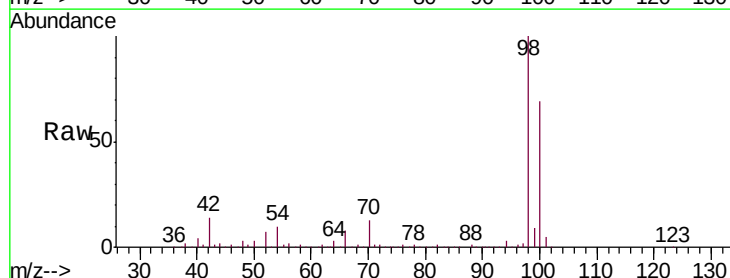
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

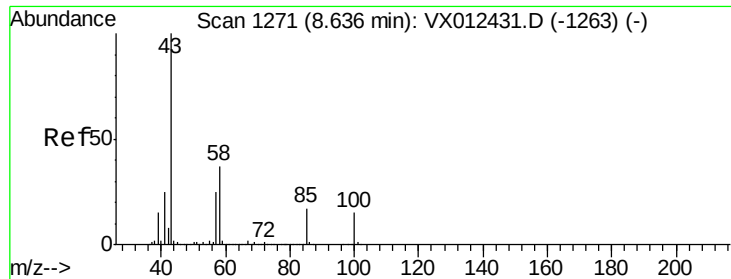
Tgt Ion: 88 Resp: 54369
 Ion Ratio Lower Upper
 88 100
 43 35.0 29.4 44.0
 58 72.3 57.5 86.3



#50
 Toluene-d8
 Concen: 48.036 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 98 Resp: 357942
 Ion Ratio Lower Upper
 98 100
 100 68.0 53.4 80.2

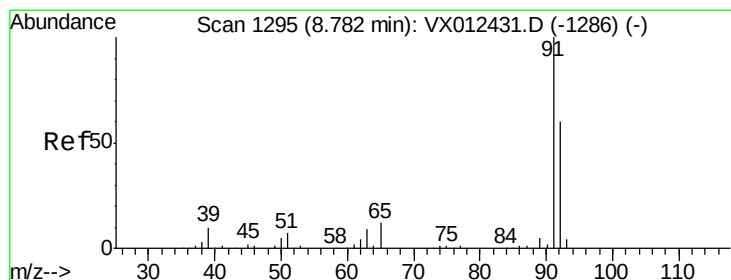
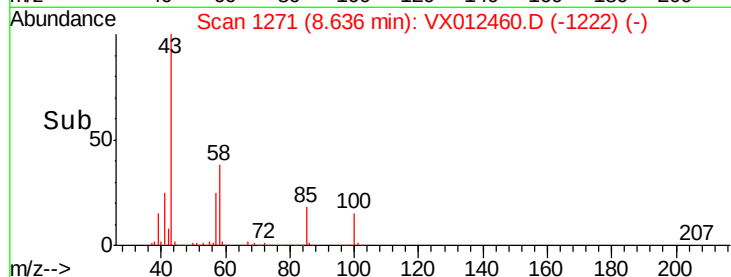
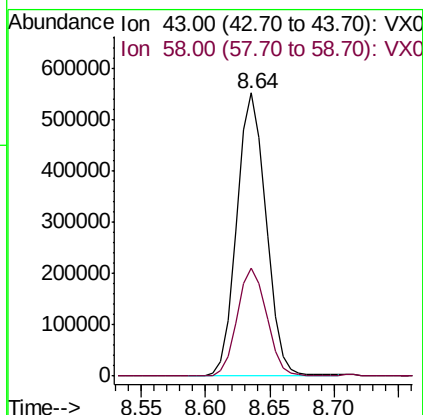
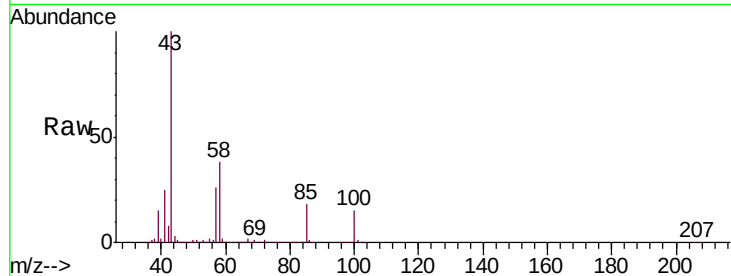




#51
 4-Methyl-2-Pentanone
 Concen: 238.763 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

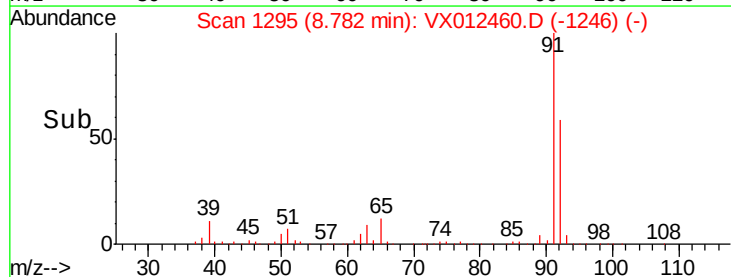
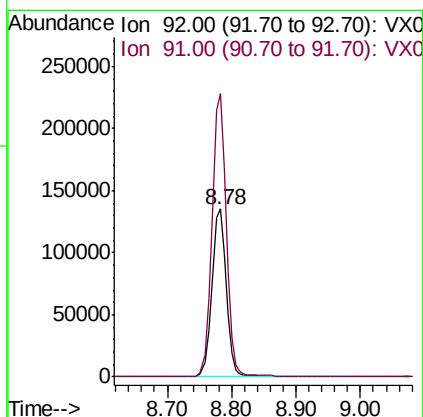
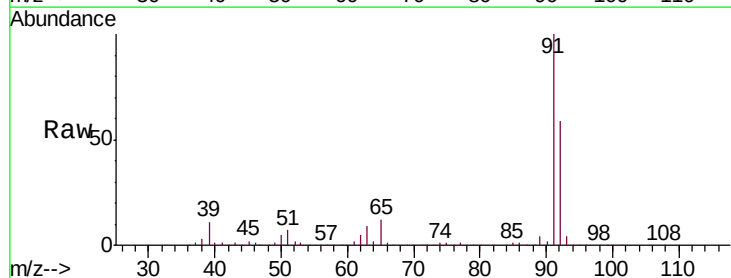
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

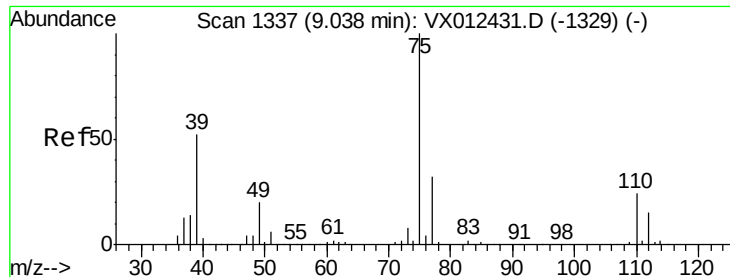
Tgt Ion: 43 Resp: 872010
 Ion Ratio Lower Upper
 43 100
 58 38.1 29.8 44.6



#52
 Toluene
 Concen: 51.670 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 92 Resp: 214022
 Ion Ratio Lower Upper
 92 100
 91 168.0 135.4 203.0

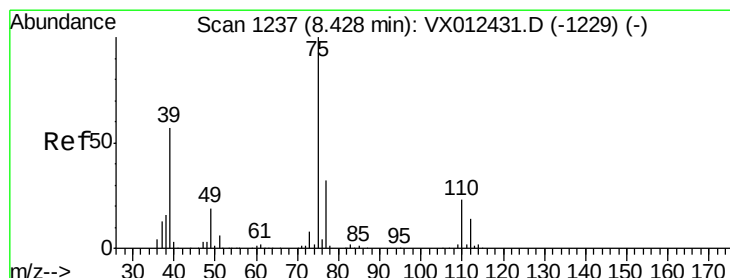
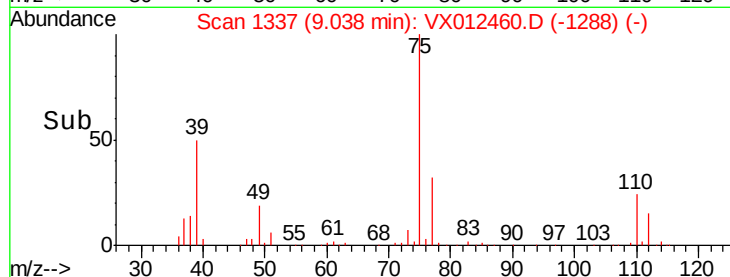
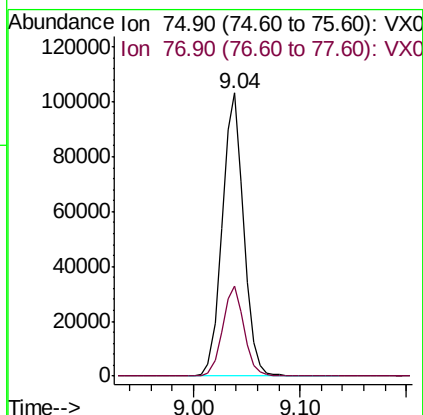
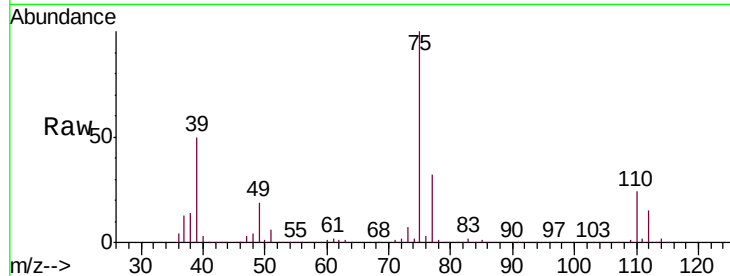




#53
 t-1,3-Dichloropropene
 Concen: 49.134 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

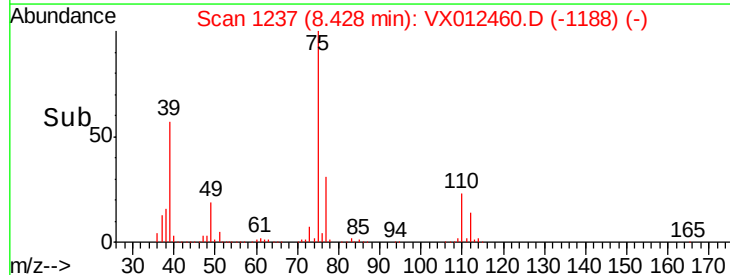
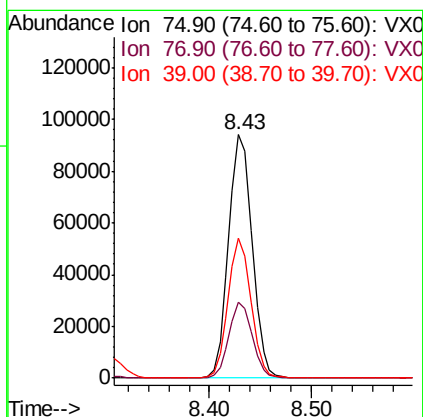
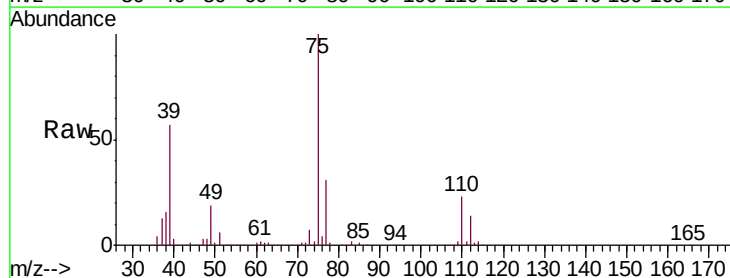
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

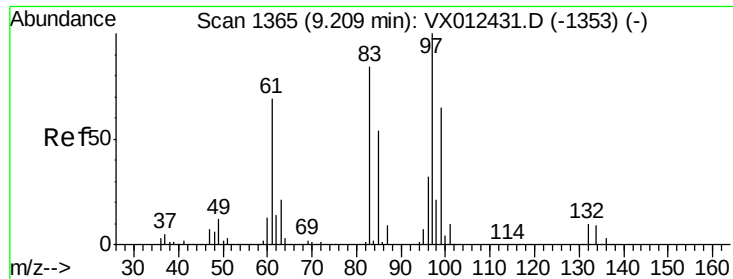
Tgt Ion: 75 Resp: 145336
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.305 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 75 Resp: 150987
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.8
 39 57.1 45.5 68.3

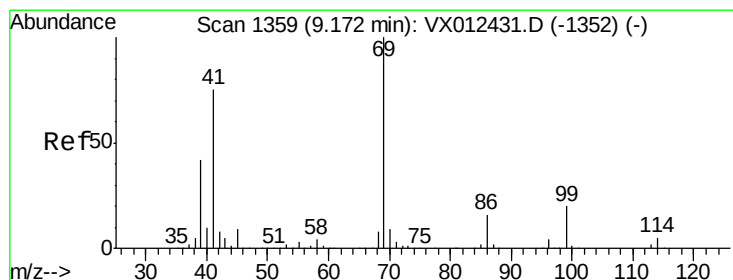
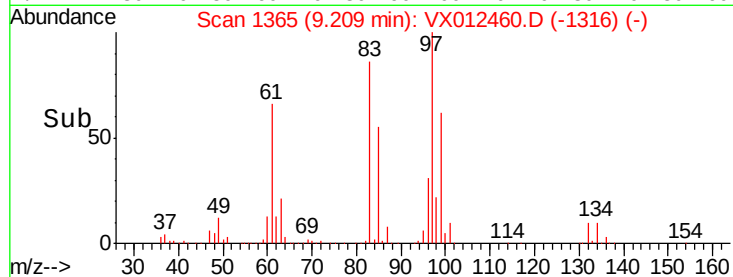
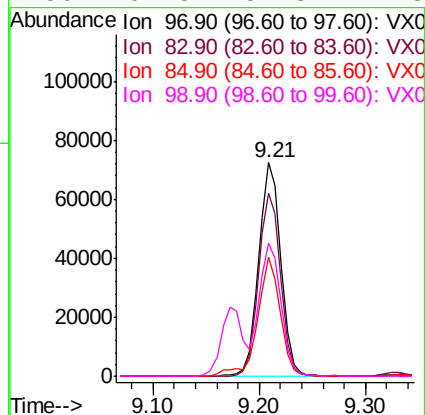
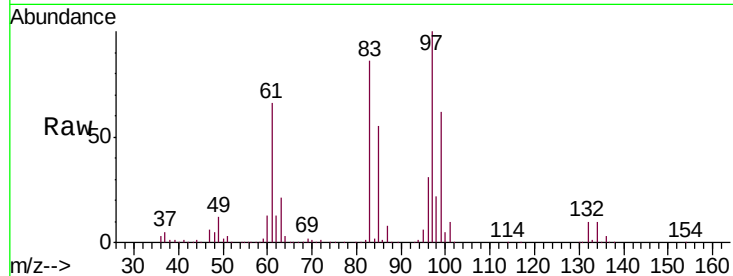




#55
 1,1,2-Trichloroethane
 Concen: 49.691 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

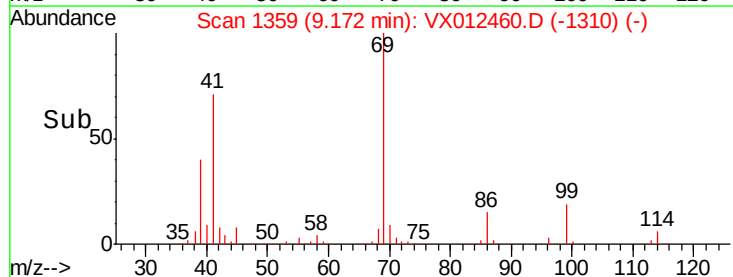
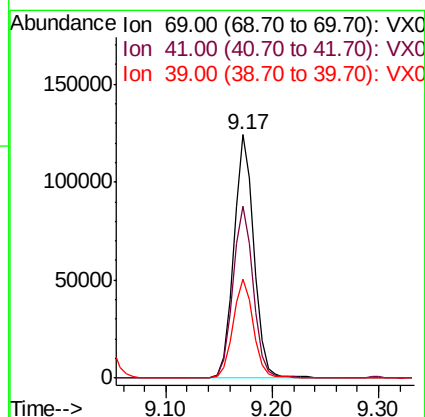
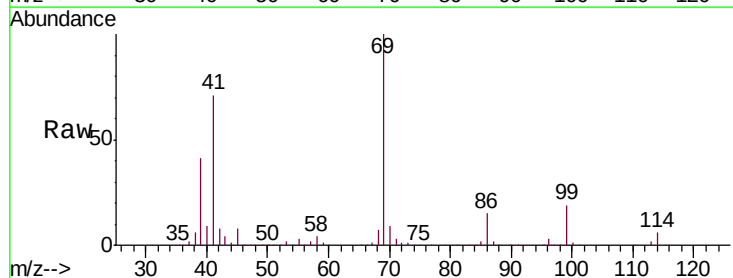
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

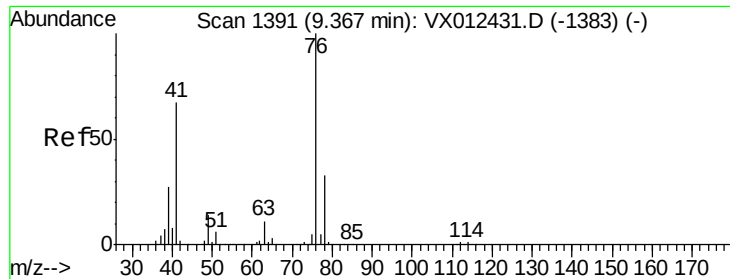
Tgt Ion: 97 Resp: 106040
 Ion Ratio Lower Upper
 97 100
 83 86.0 67.4 101.2
 85 55.5 43.5 65.3
 99 62.3 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 49.321 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 69 Resp: 164556
 Ion Ratio Lower Upper
 69 100
 41 71.5 58.4 87.6
 39 40.9 33.4 50.0

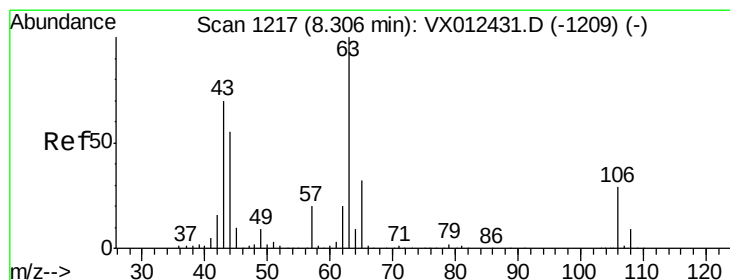
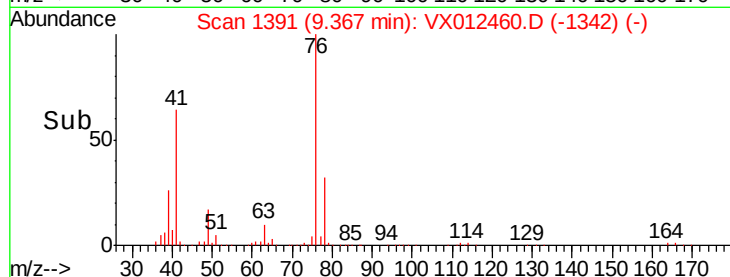
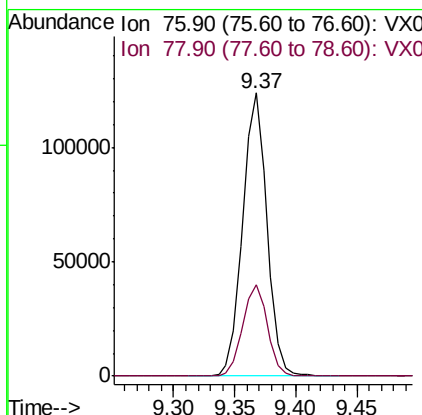
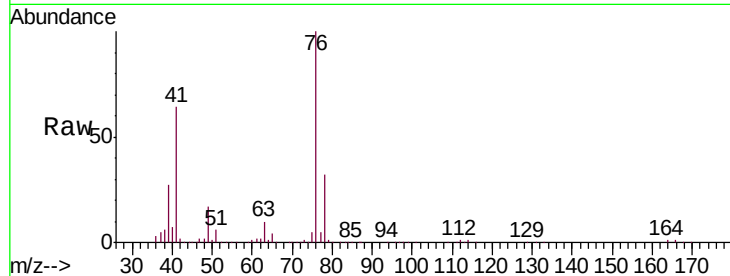




#57
 1,3-Dichloropropane
 Concen: 49.937 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

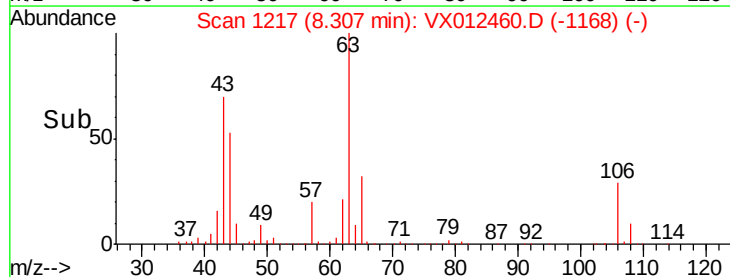
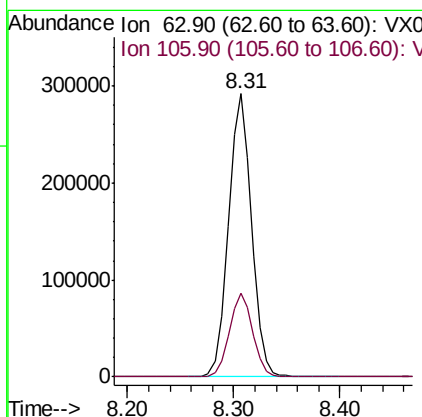
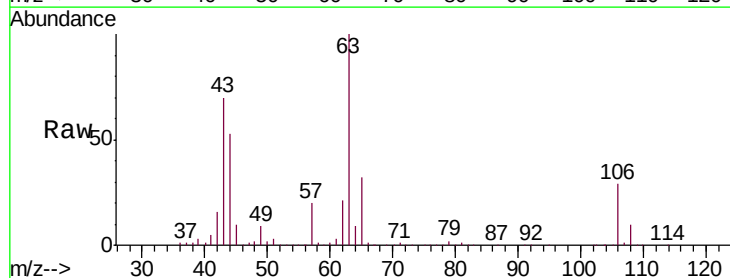
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

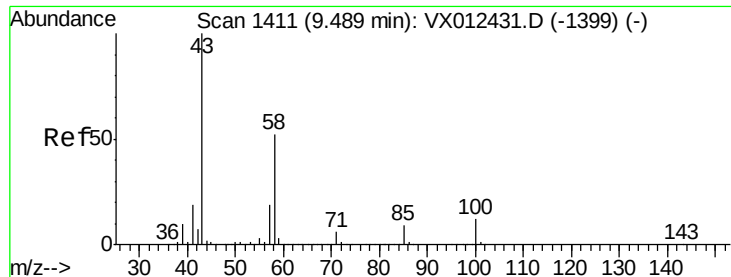
Tgt Ion: 76 Resp: 170025
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.236 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 63 Resp: 442539
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.6

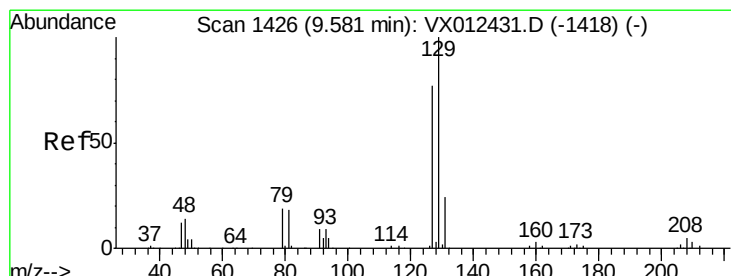
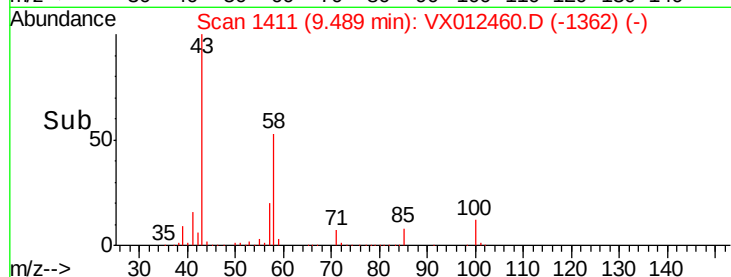
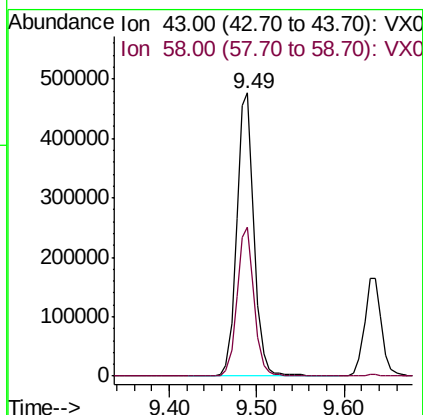
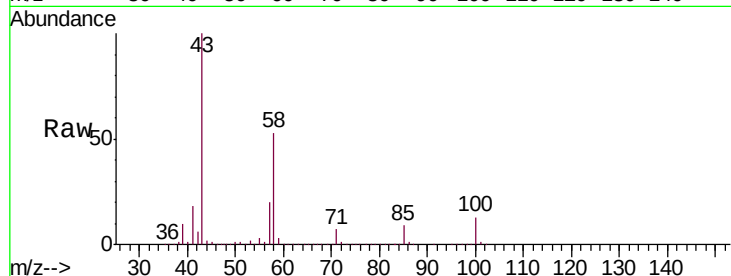




#59
2-Hexanone
Concen: 231.017 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

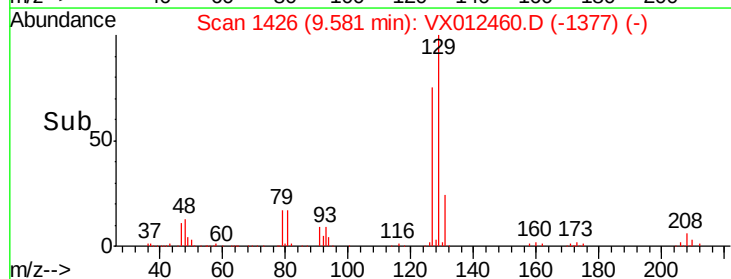
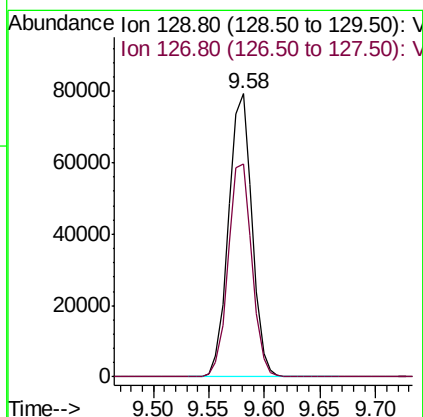
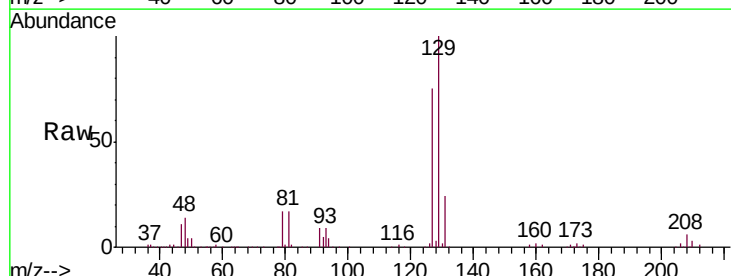
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

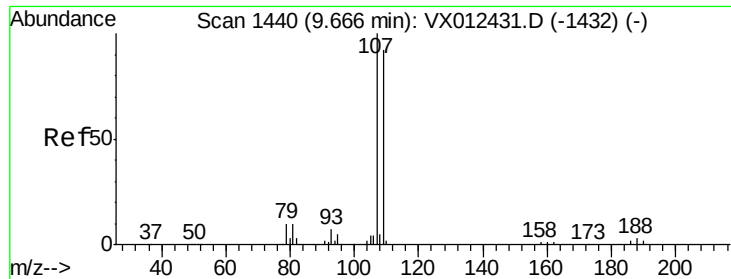
Tgt Ion: 43 Resp: 658243
Ion Ratio Lower Upper
43 100
58 52.3 25.7 77.1



#60
Dibromochloromethane
Concen: 53.273 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion: 129 Resp: 115799
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.872 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

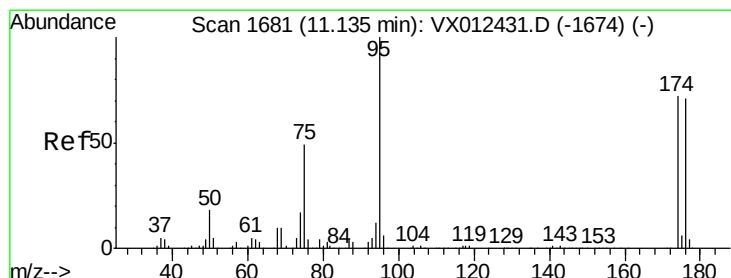
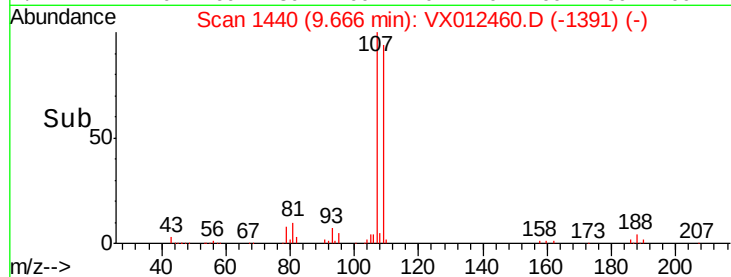
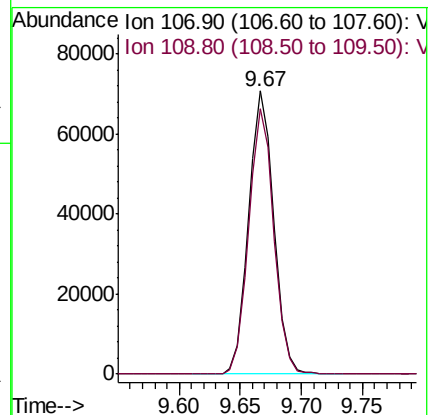
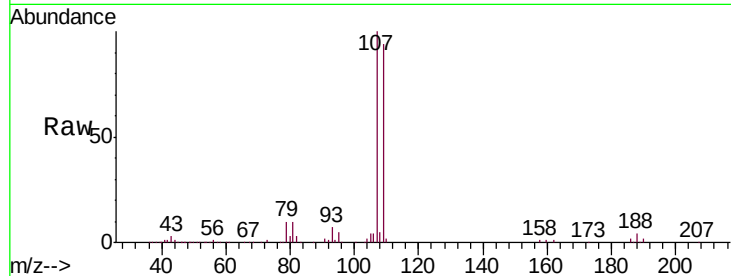
VSTDCCC050EC

Tgt Ion: 107 Resp: 101096

Ion Ratio Lower Upper

107 100

109 93.5 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 48.348 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

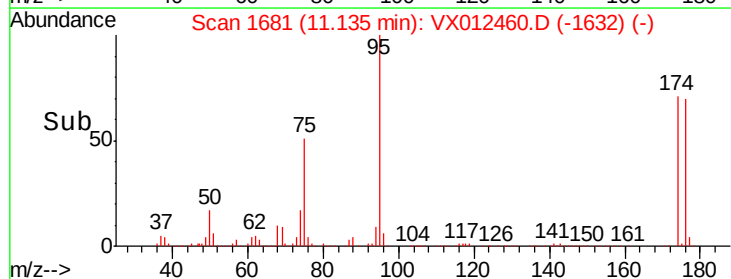
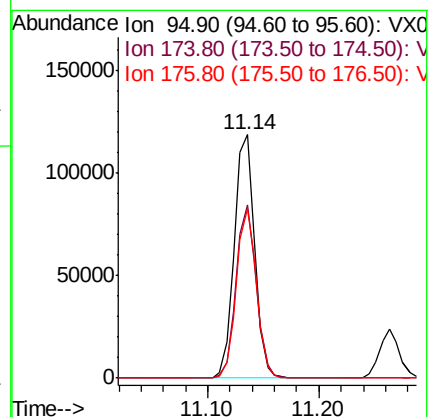
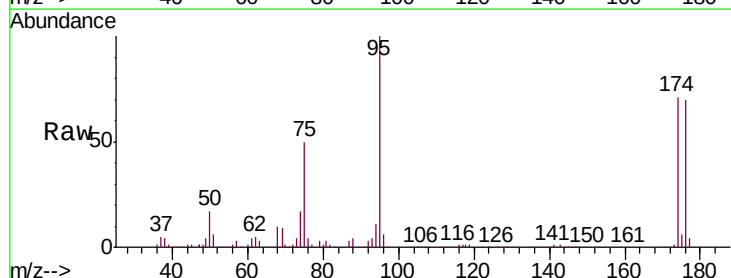
Tgt Ion: 95 Resp: 149586

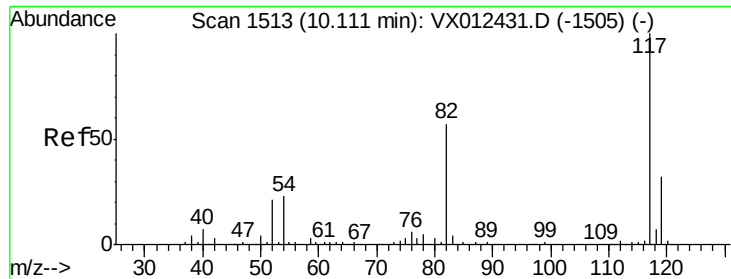
Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.0

176 68.8 0.0 135.4

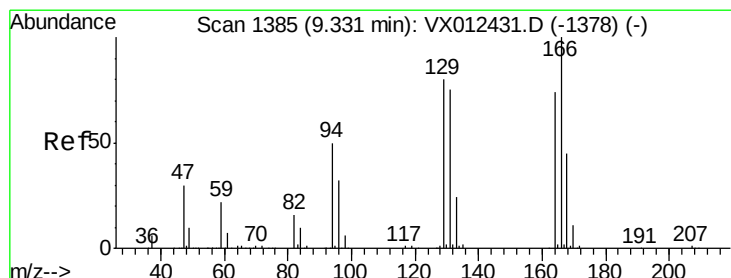
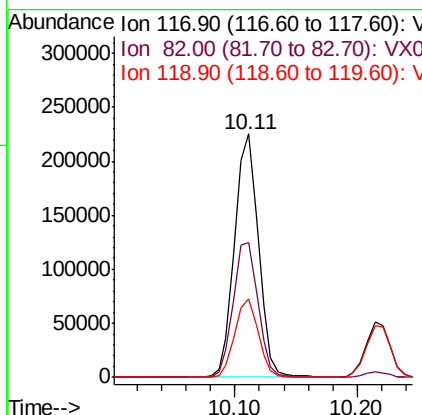
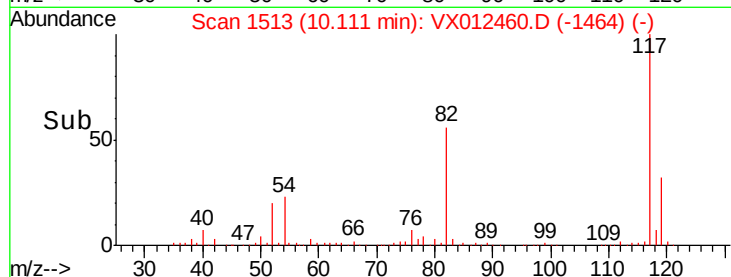
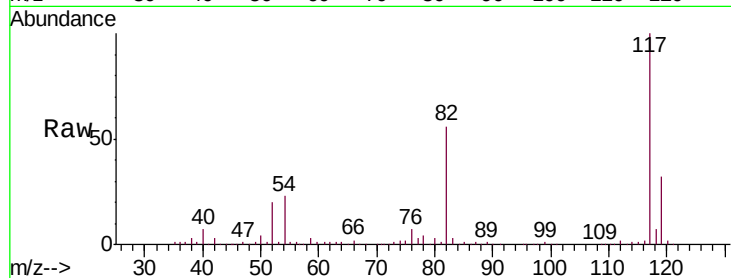




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

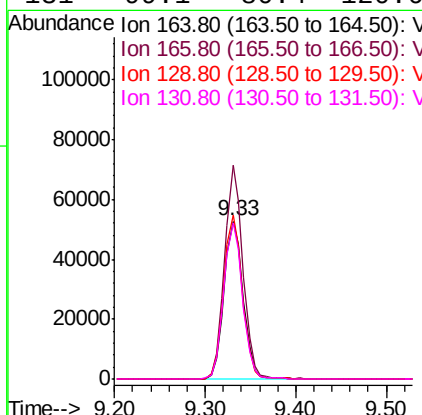
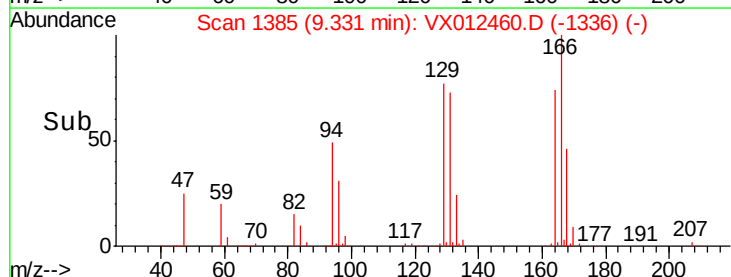
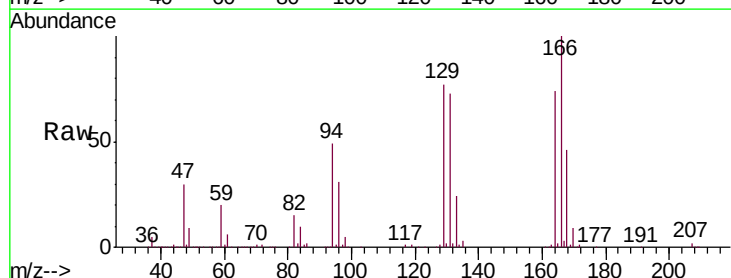
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

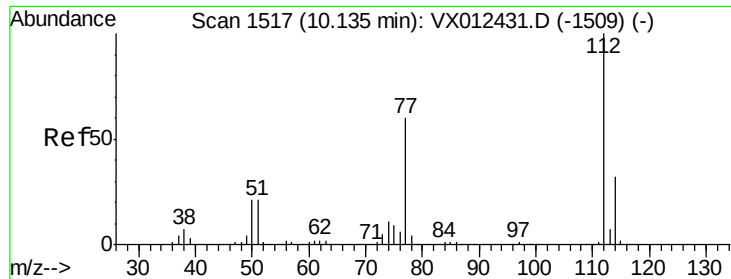
Tgt Ion:117 Resp: 303089
Ion Ratio Lower Upper
117 100
82 55.6 45.9 68.9
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 55.841 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion:164 Resp: 77556
Ion Ratio Lower Upper
164 100
166 135.4 107.8 161.6
129 103.7 86.2 129.2
131 99.1 80.4 120.6

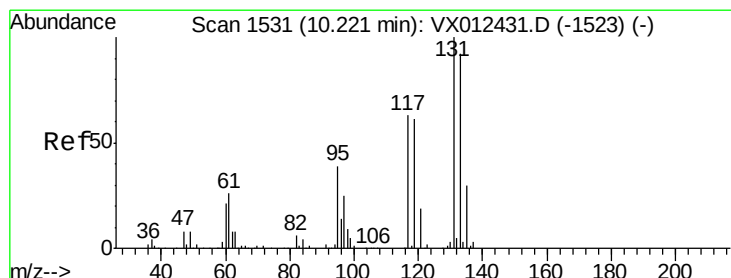
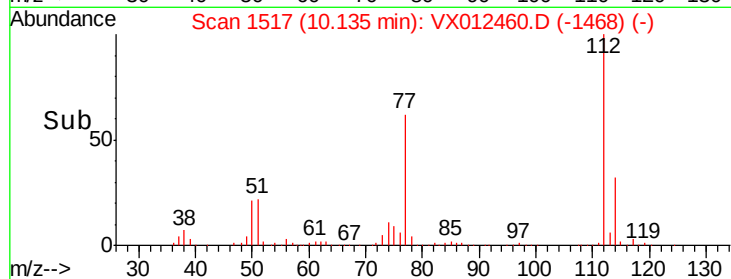
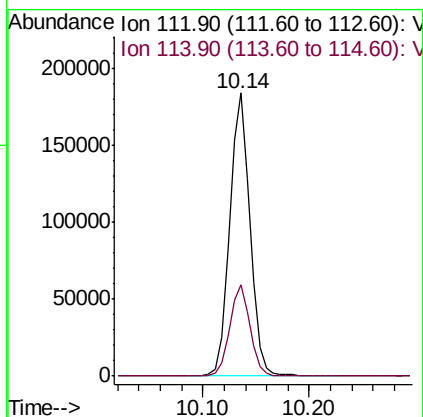
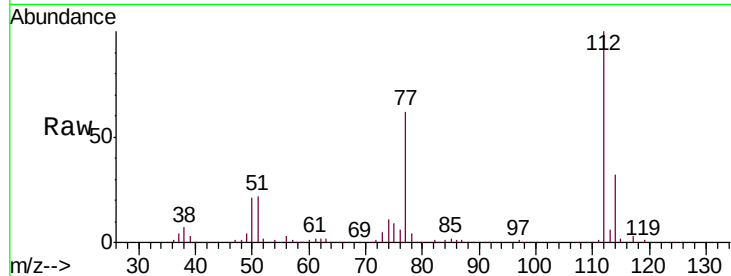




#65
Chlorobenzene
Concen: 49.314 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

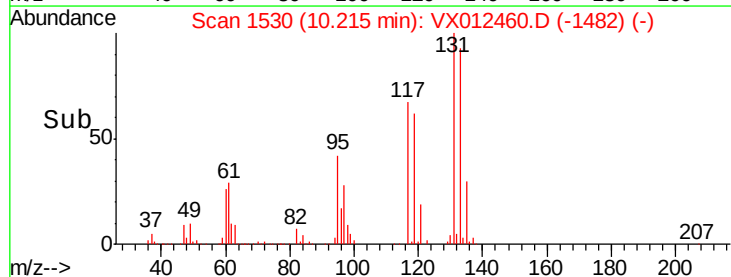
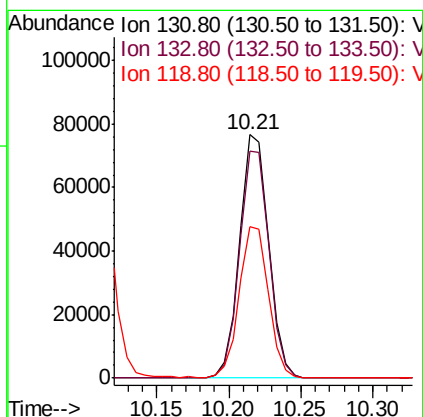
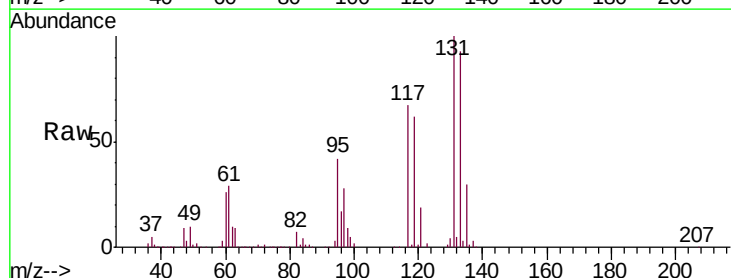
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

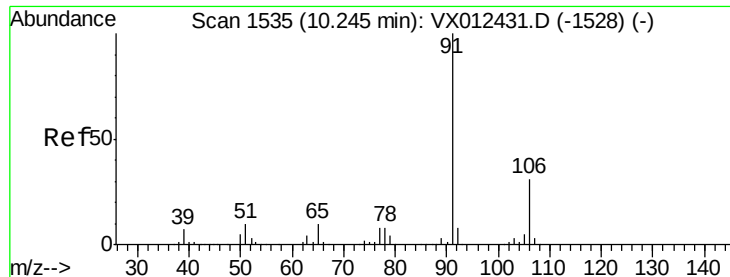
Tgt Ion:112 Resp: 246690
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.678 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion:131 Resp: 107292
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 62.7 31.3 93.8

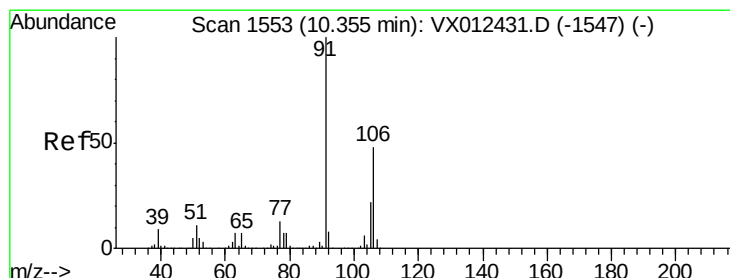
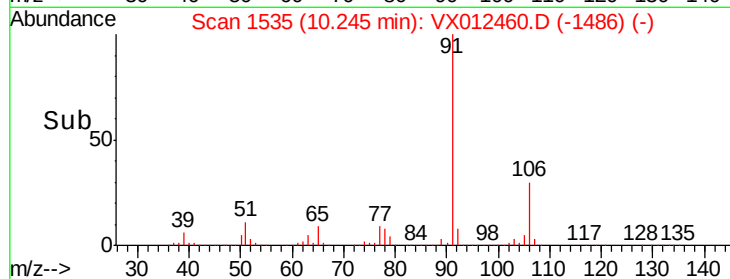
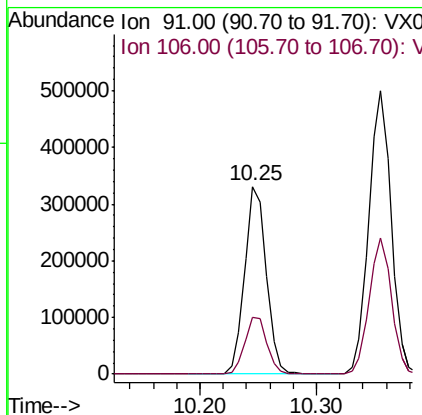
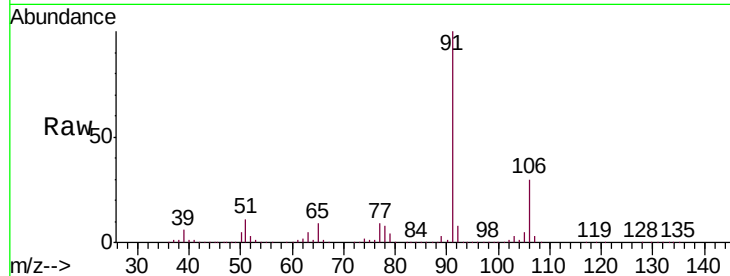




#67
 Ethyl Benzene
 Concen: 50.493 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

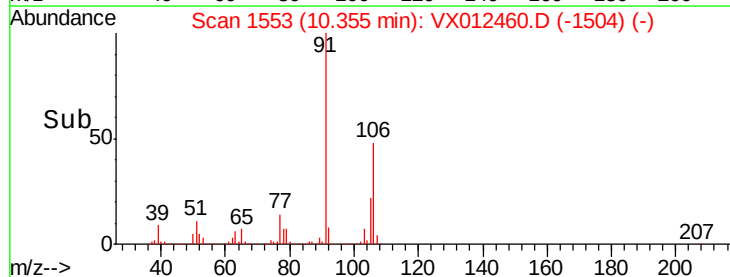
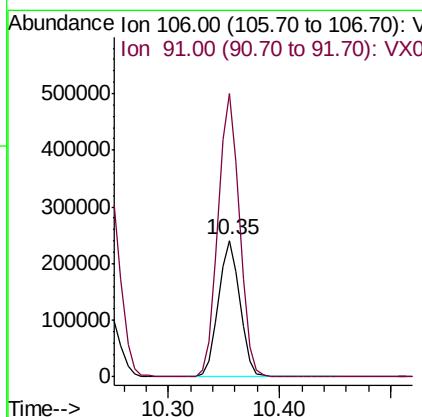
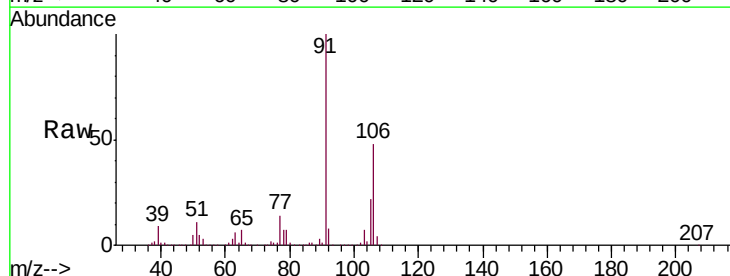
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

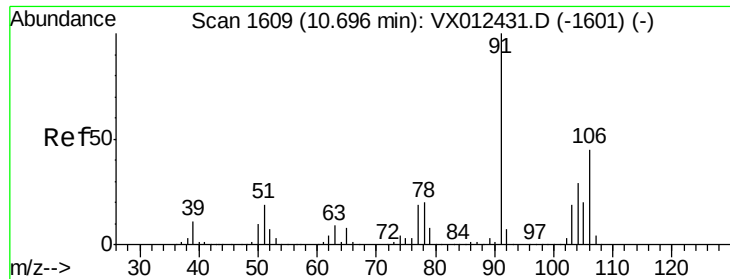
Tgt Ion: 91 Resp: 433967
 Ion Ratio Lower Upper
 91 100
 106 30.0 24.6 37.0



#68
 m/p-Xylenes
 Concen: 102.883 ug/l
 RT: 10.35 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 106 Resp: 321727
 Ion Ratio Lower Upper
 106 100
 91 207.4 166.6 250.0

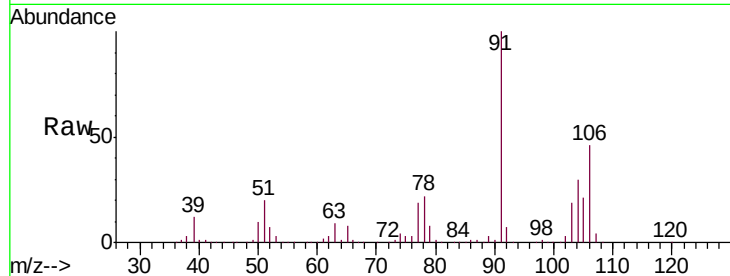




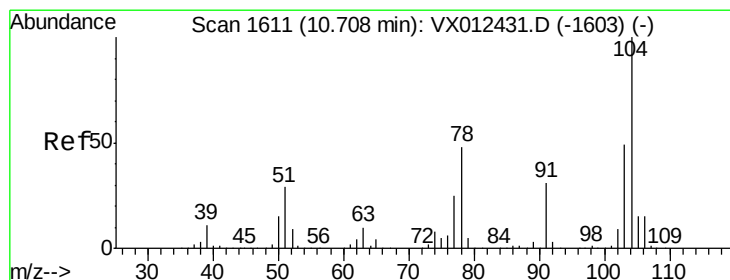
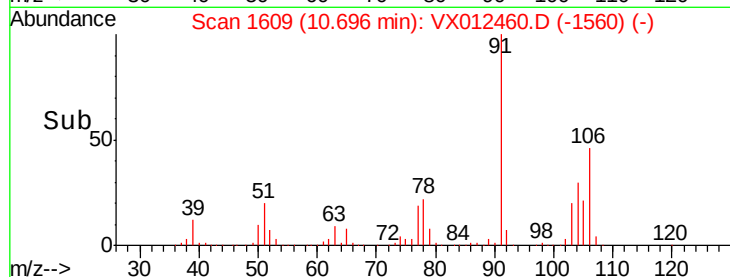
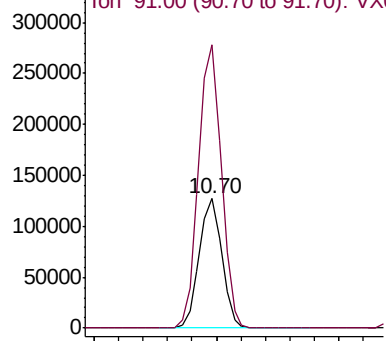
#69
o-Xylene
Concen: 50.575 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 162648
Ion Ratio Lower Upper
106 100
91 221.6 109.4 328.2

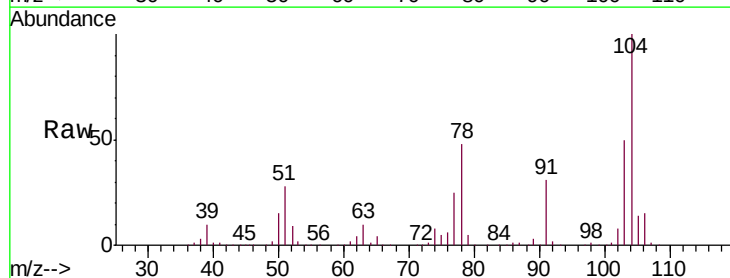


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

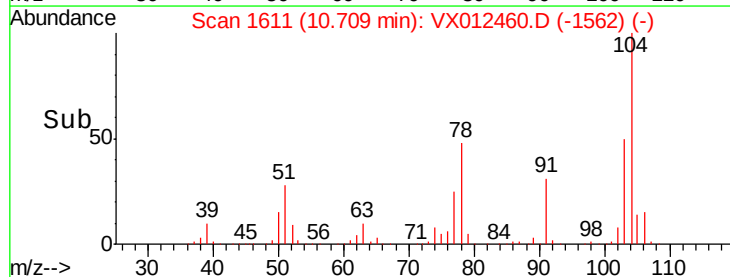
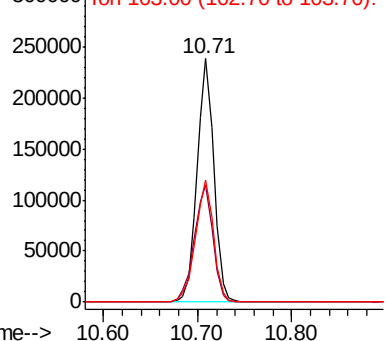


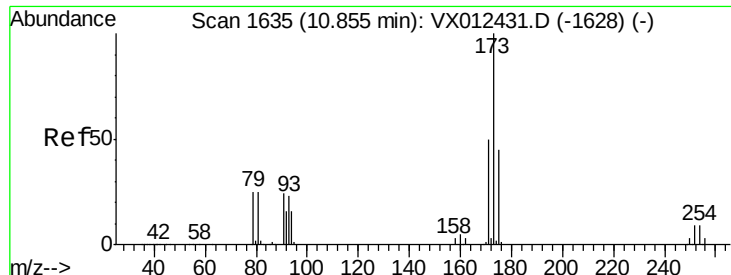
#70
Styrene
Concen: 51.822 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion:104 Resp: 294867
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.2
103 54.0 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: 44.861 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

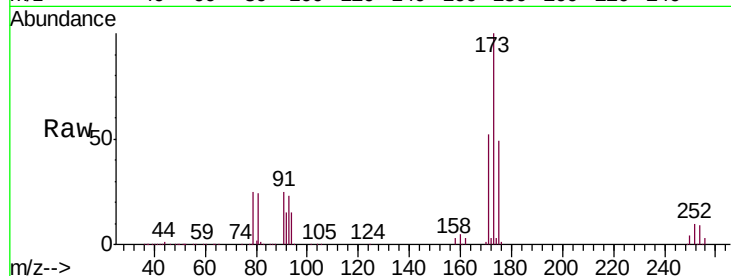
Tgt Ion:173 Resp: 79634

Ion Ratio Lower Upper

173 100

175 49.6 23.7 71.1

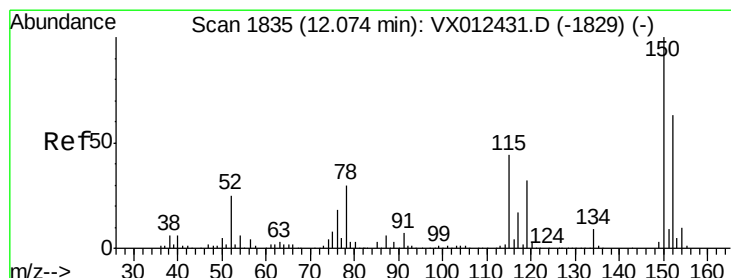
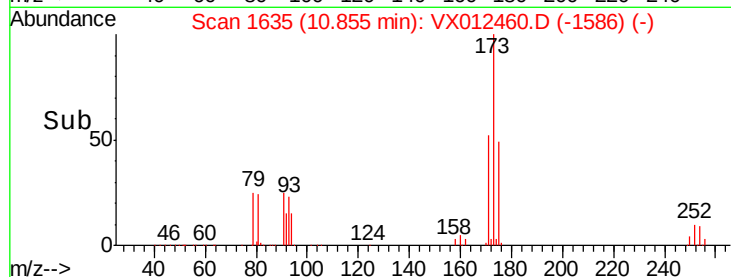
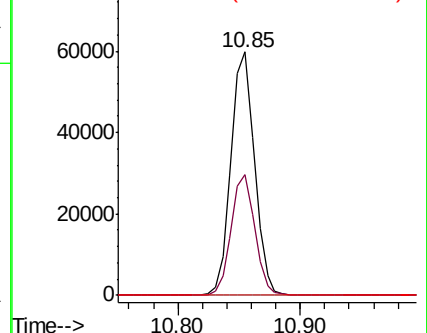
254 0.2 0.1 0.1#



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: VX012460.D

Acq: 18 Sep 2019 02:31

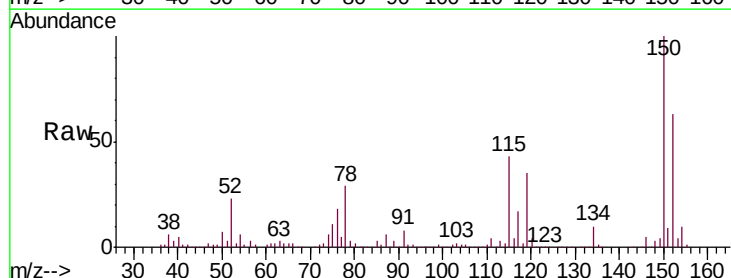
Tgt Ion:152 Resp: 150482

Ion Ratio Lower Upper

152 100

115 84.8 44.1 132.3

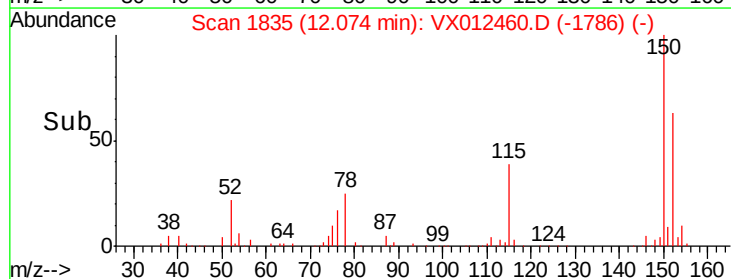
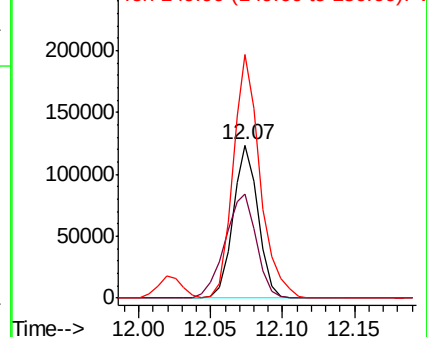
150 171.2 0.0 343.8

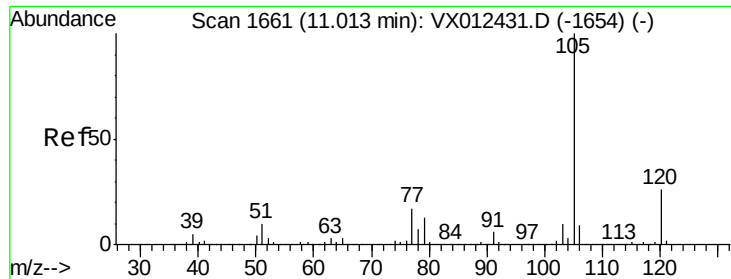


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.026 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

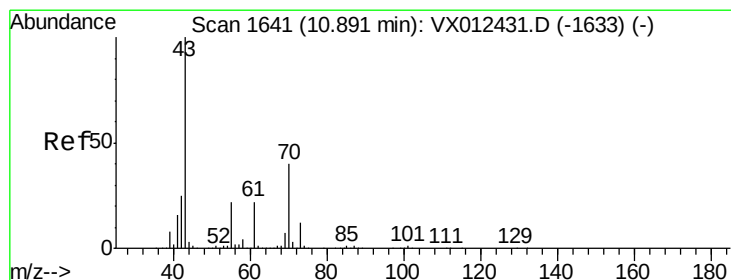
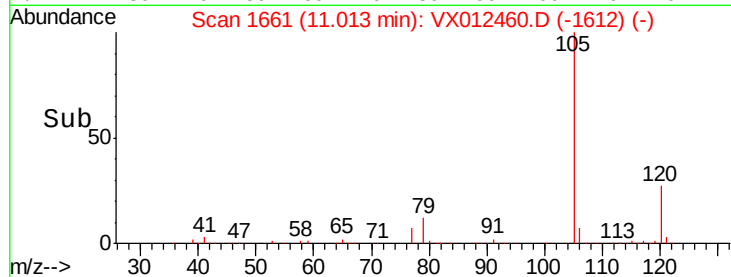
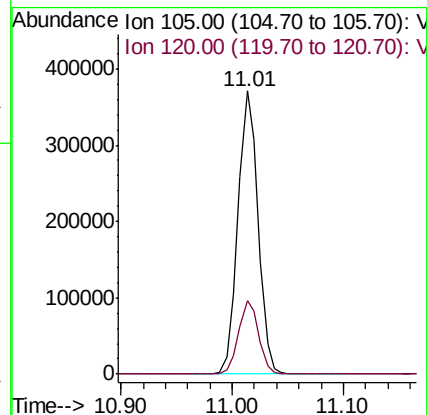
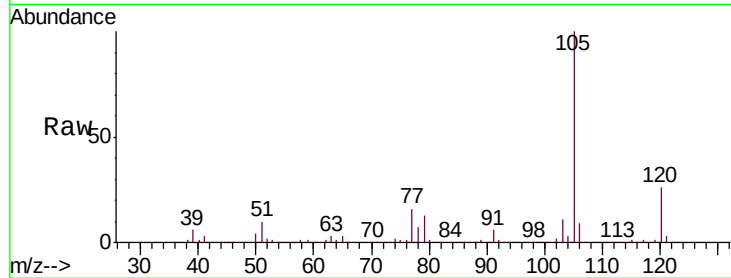
VSTDCCC050EC

Tgt Ion: 105 Resp: 462898

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#74

N-ethyl acetate

Concen: 43.233 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion: 43 Resp: 219768

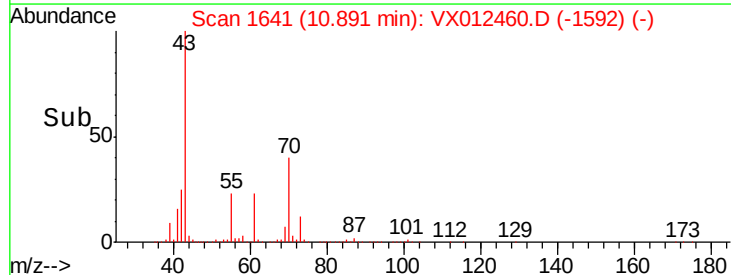
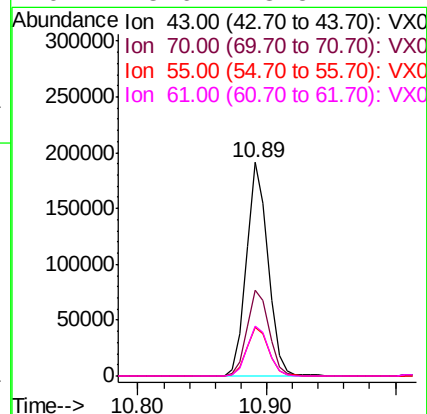
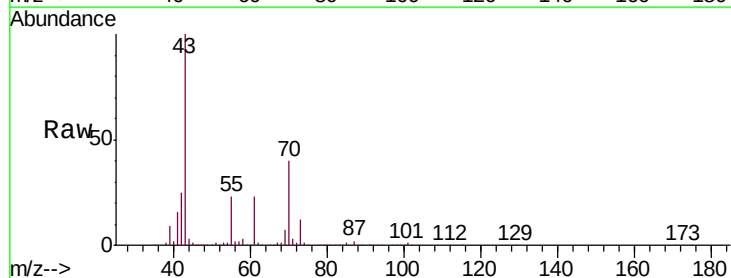
Ion Ratio Lower Upper

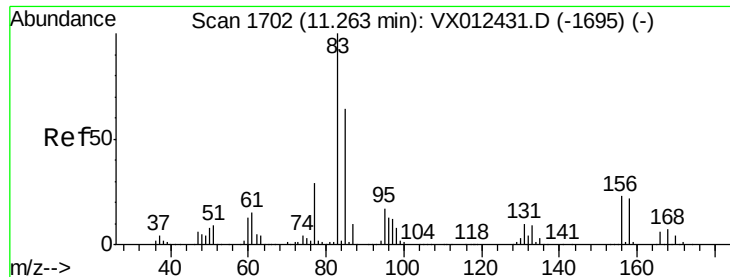
43 100

70 41.3 32.4 48.6

55 23.5 18.2 27.4

61 23.6 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.927 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

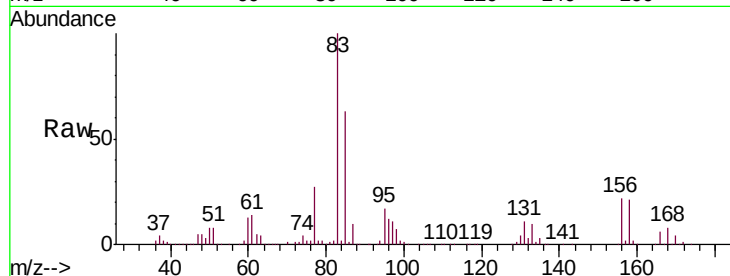
Tgt Ion: 83 Resp: 173807

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

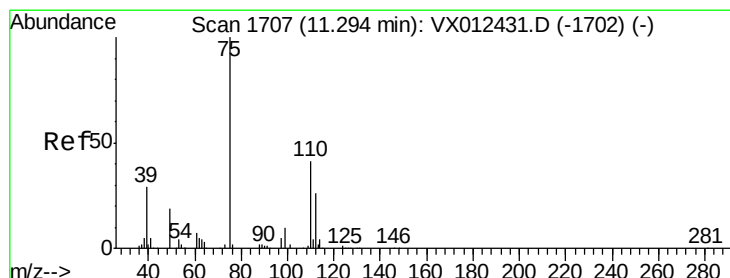
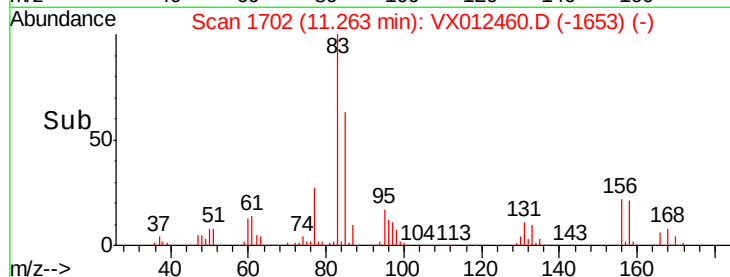
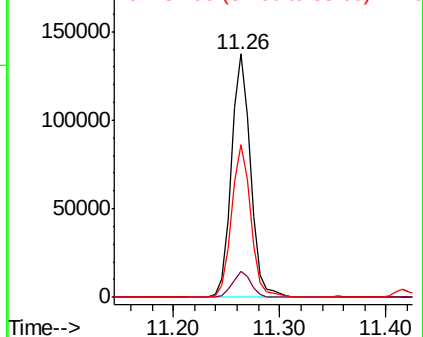
85 63.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.267 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012460.D

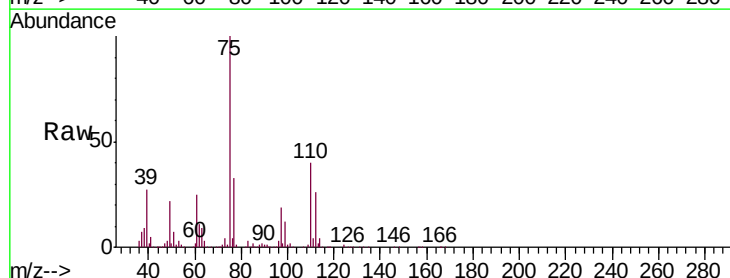
Acq: 18 Sep 2019 02:31

Tgt Ion: 75 Resp: 194496

Ion Ratio Lower Upper

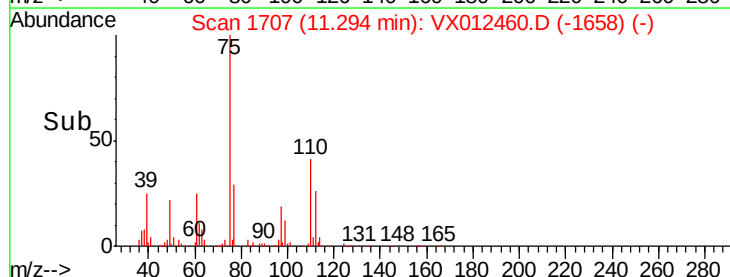
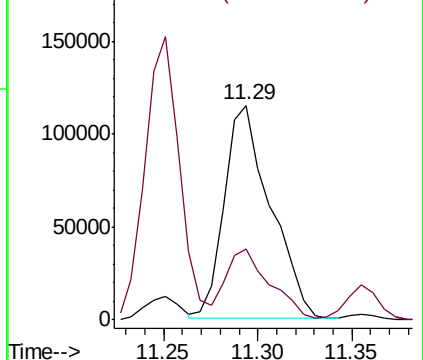
75 100

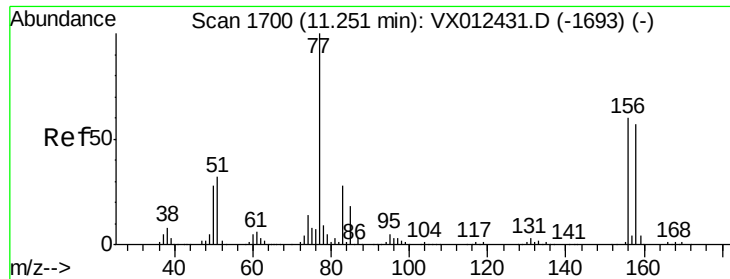
77 31.7 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.996 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

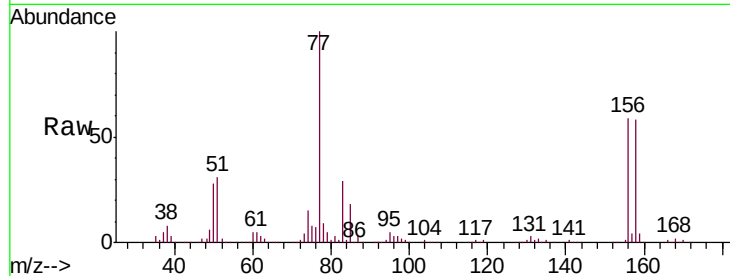
Tgt Ion:156 Resp: 112822

Ion Ratio Lower Upper

156 100

77 174.3 87.3 261.8

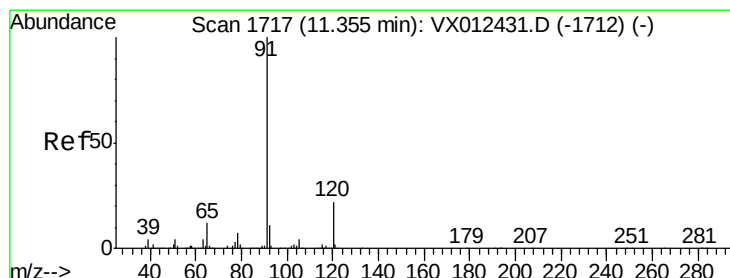
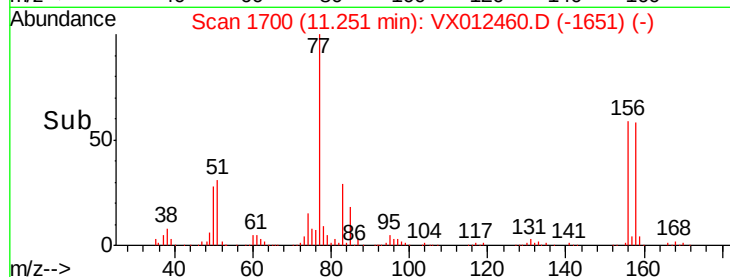
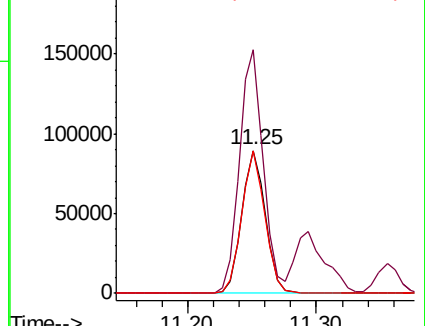
158 98.3 48.5 145.6



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: 50.123 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012460.D

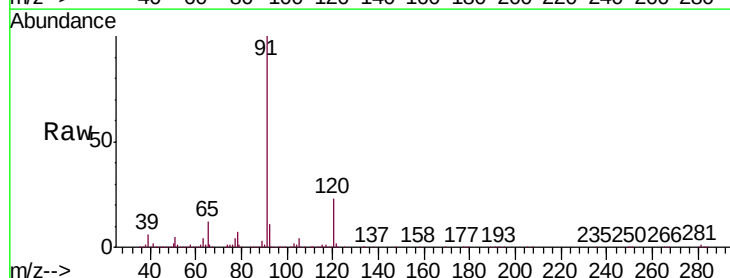
Acq: 18 Sep 2019 02:31

Tgt Ion: 91 Resp: 527467

Ion Ratio Lower Upper

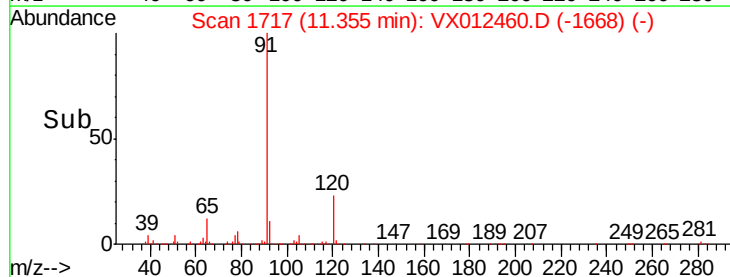
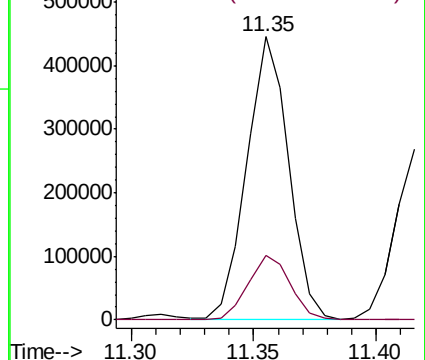
91 100

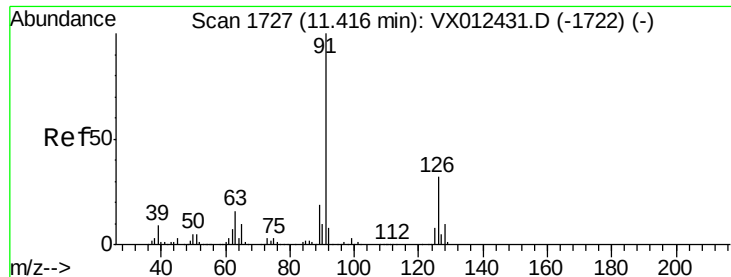
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

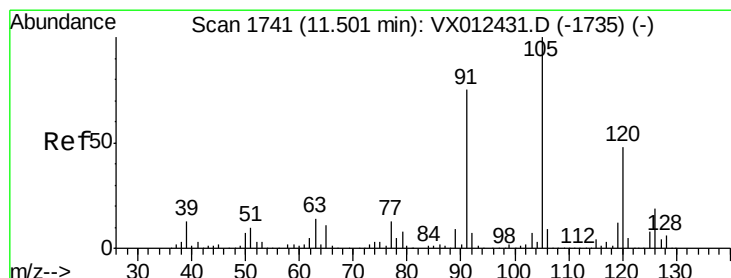
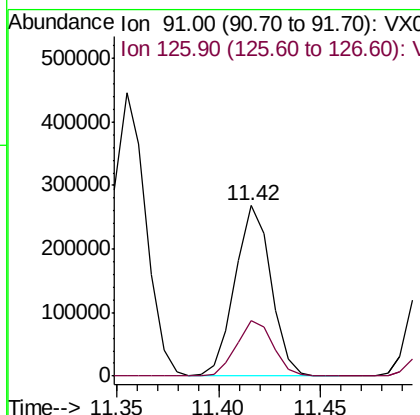
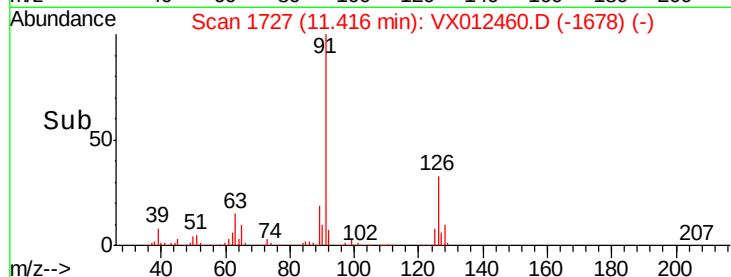
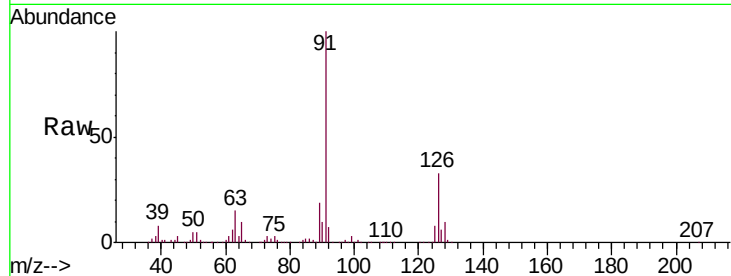




#79
 2-Chlorotoluene
 Concen: 47.862 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

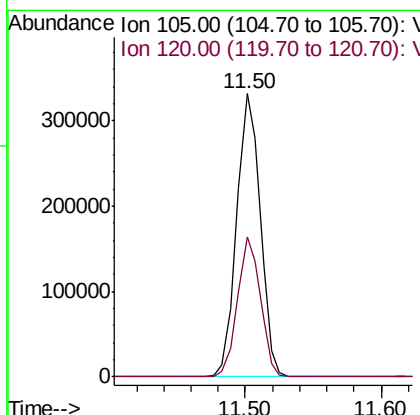
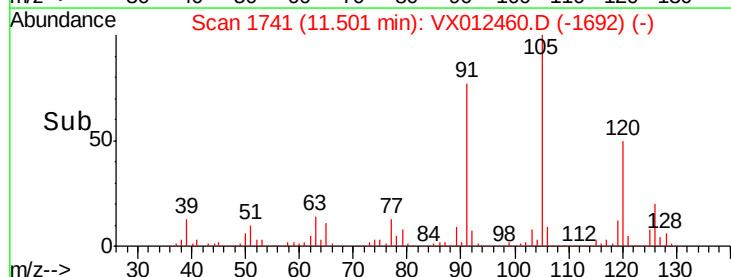
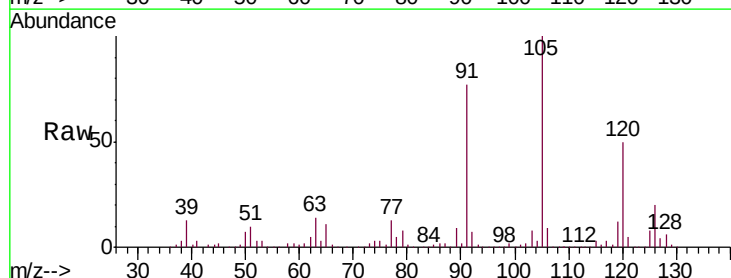
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

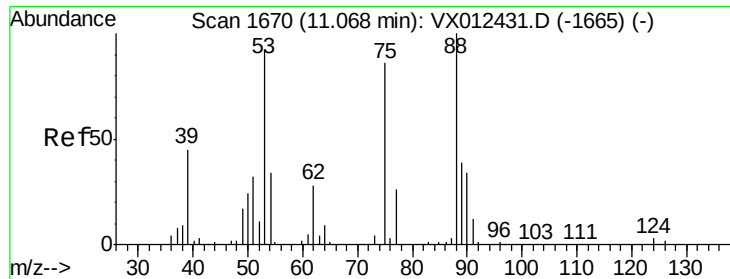
Tgt Ion: 91 Resp: 327666
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.710 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 105 Resp: 400284
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 39.874 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

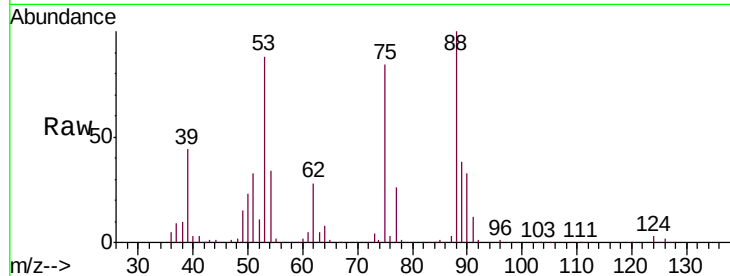
Tgt Ion: 75 Resp: 49364

Ion Ratio Lower Upper

75 100

53 108.3 83.6 125.4

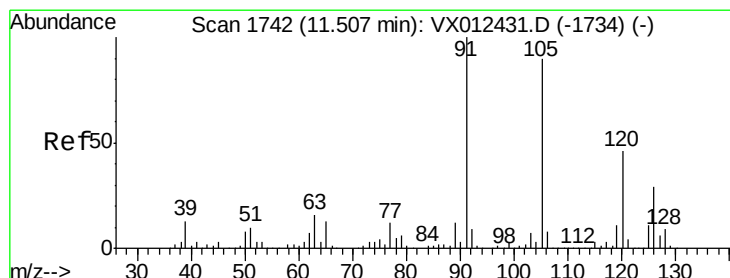
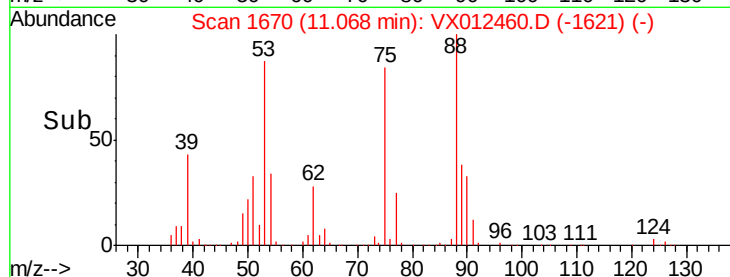
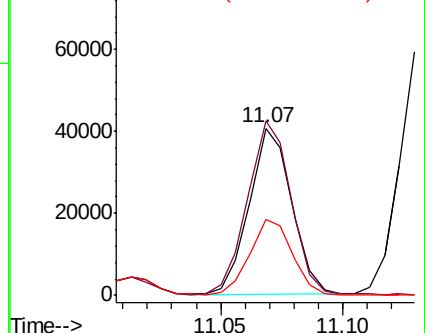
89 46.2 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.230 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012460.D

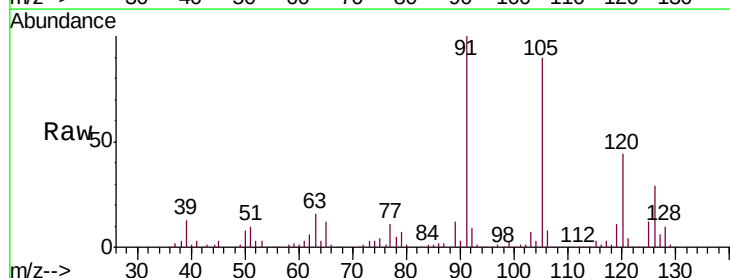
Acq: 18 Sep 2019 02:31

Tgt Ion: 91 Resp: 386805

Ion Ratio Lower Upper

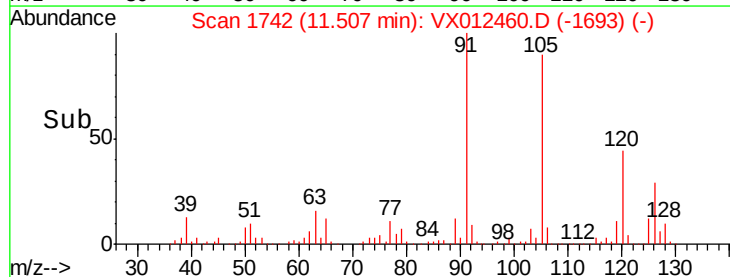
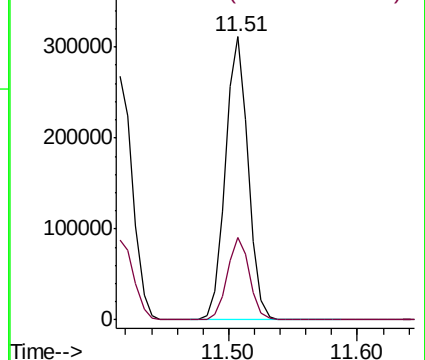
91 100

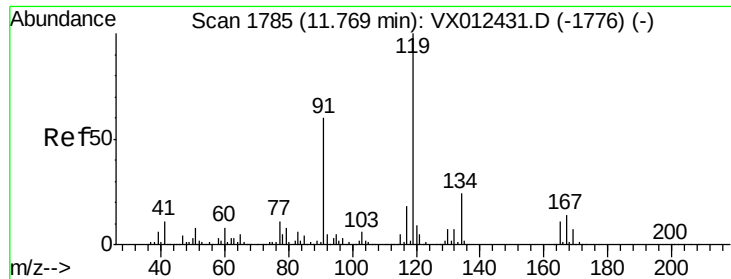
126 28.9 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

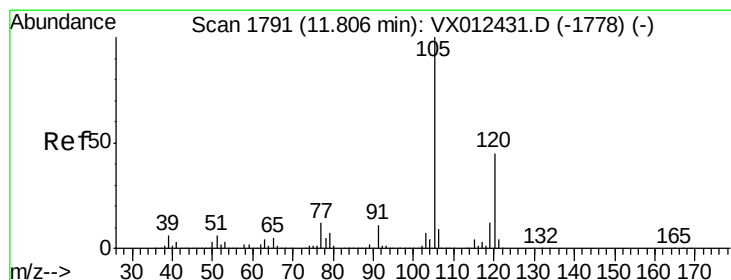
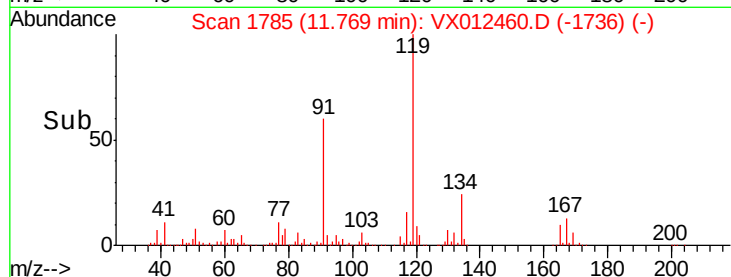
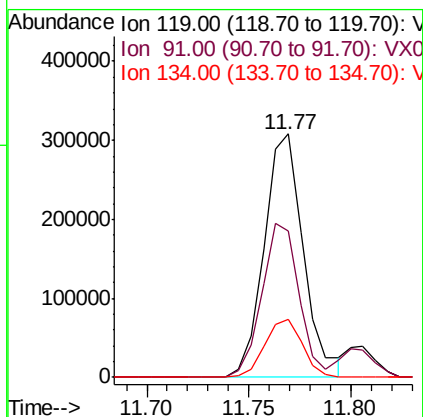
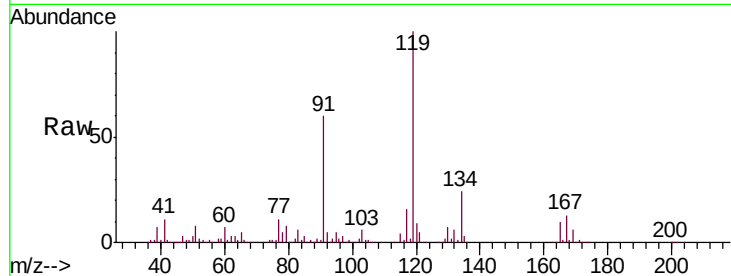




#83
 tert-Butylbenzene
 Concen: 47.935 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

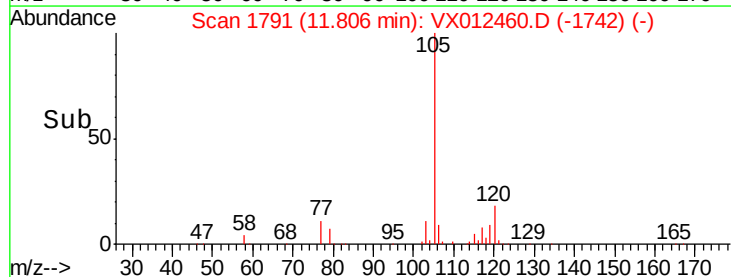
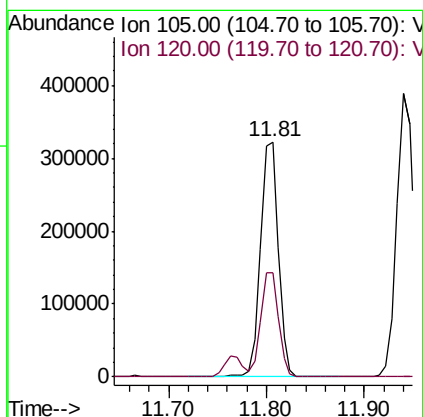
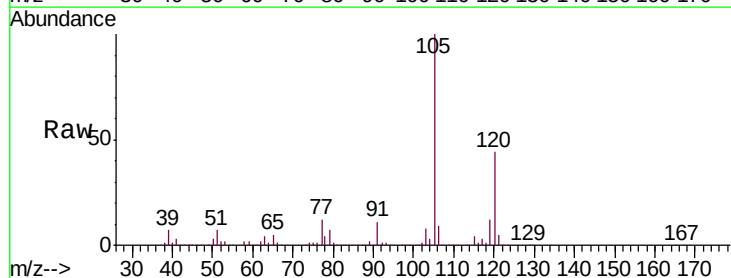
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

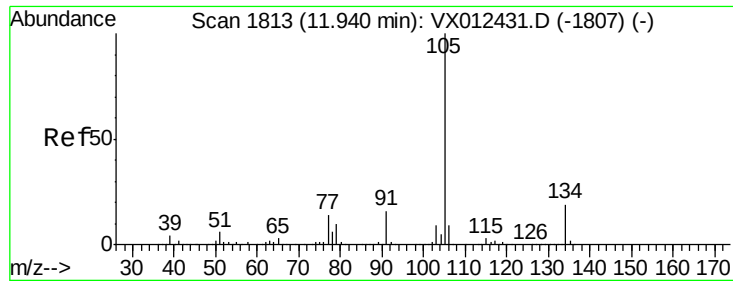
Tgt Ion:119 Resp: 413608
 Ion Ratio Lower Upper
 119 100
 91 59.8 30.0 90.0
 134 22.9 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.807 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion:105 Resp: 411800
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.2 66.6

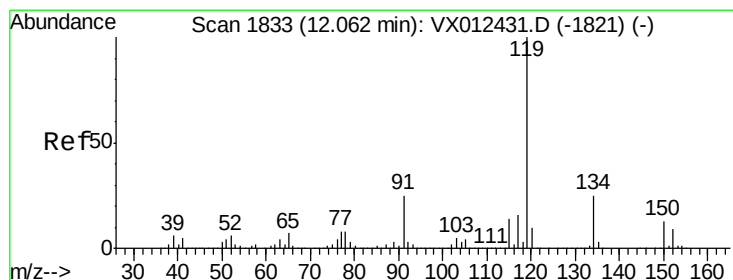
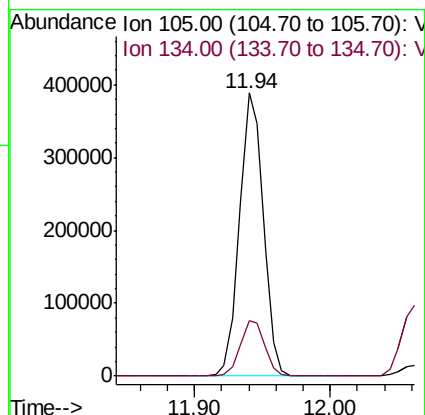
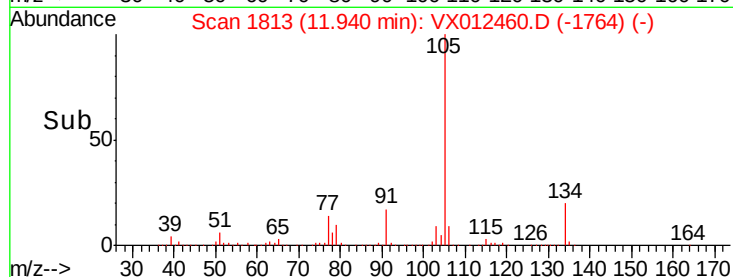
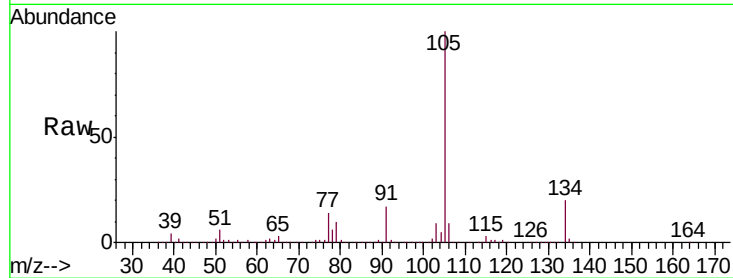




#85
 sec-Butylbenzene
 Concen: 49.799 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

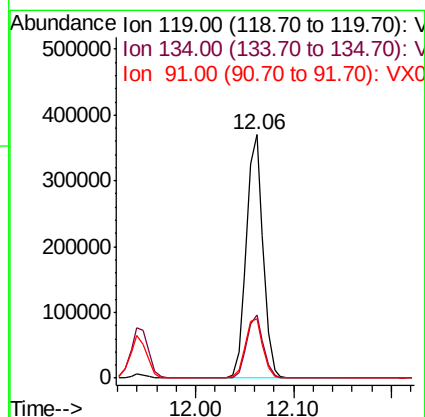
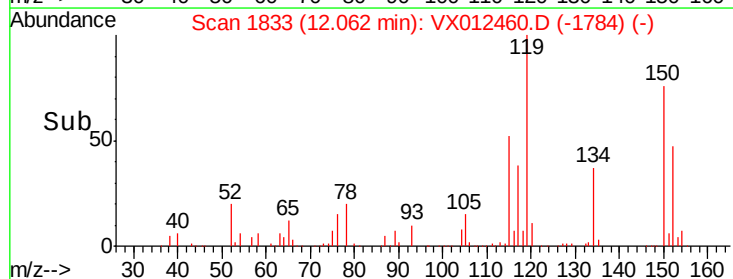
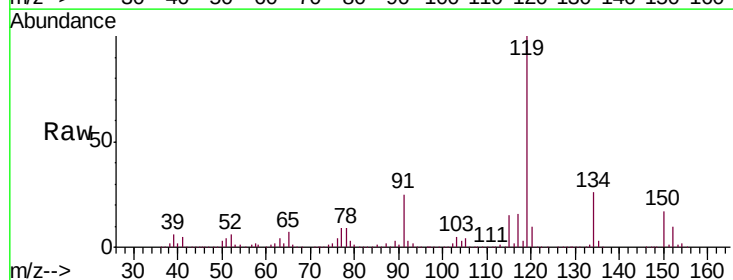
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

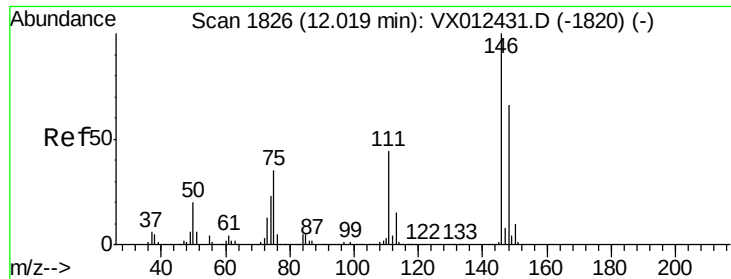
Tgt Ion:105 Resp: 473486
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.154 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion:119 Resp: 437875
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 25.7 12.8 38.4

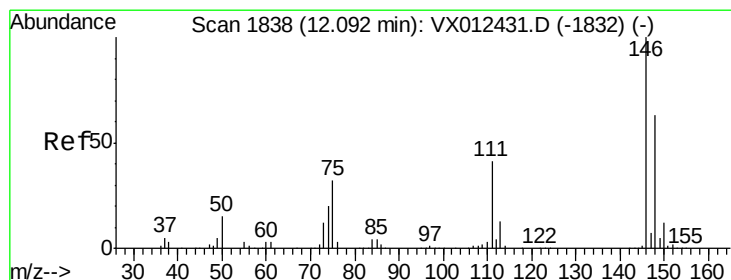
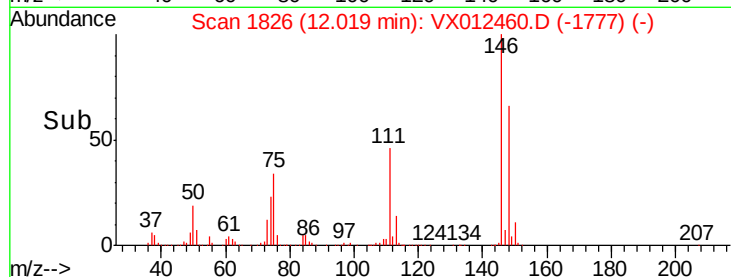
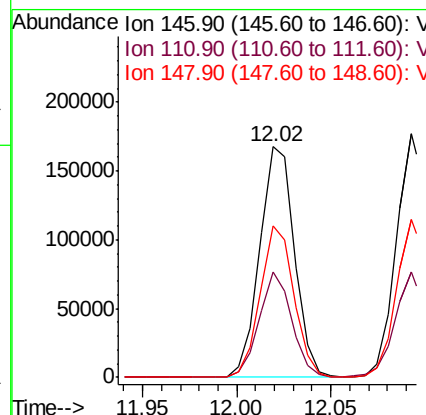
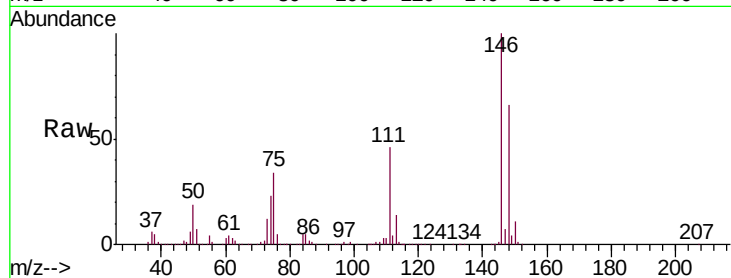




#87
 1,3-Dichlorobenzene
 Concen: 49.486 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

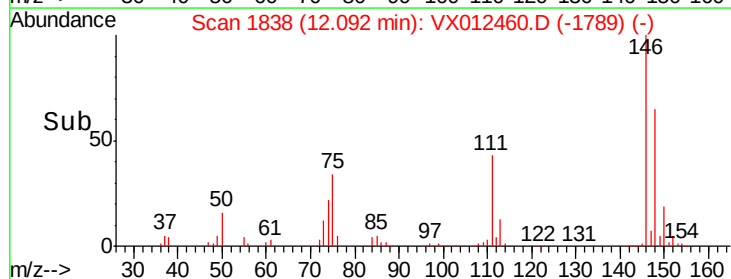
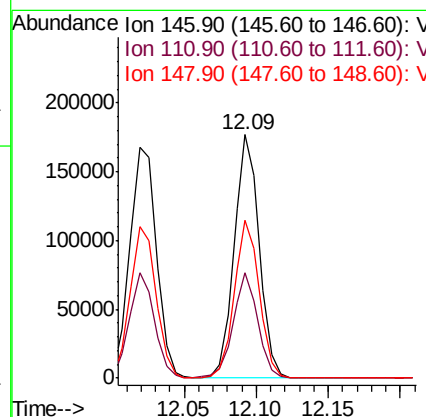
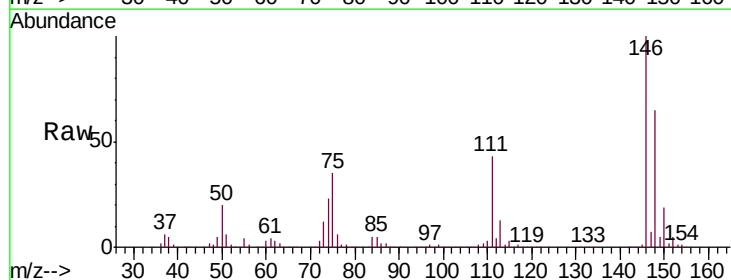
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

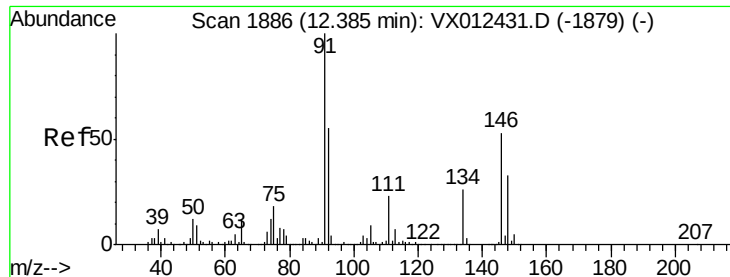
Tgt Ion:146 Resp: 214353
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 64.0
 148 63.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 48.456 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion:146 Resp: 215600
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.1 63.3
 148 64.9 32.1 96.5

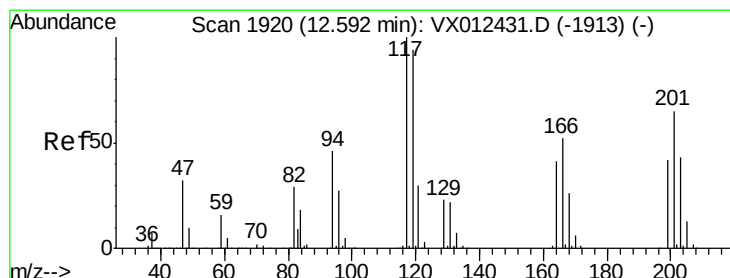
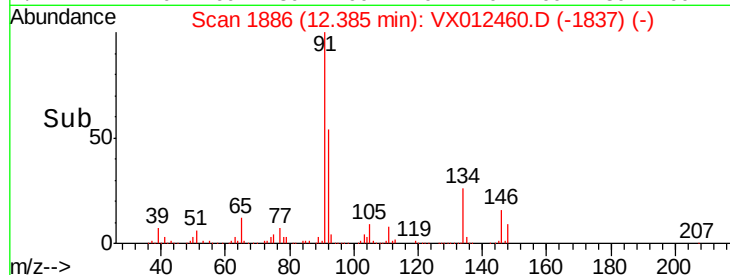
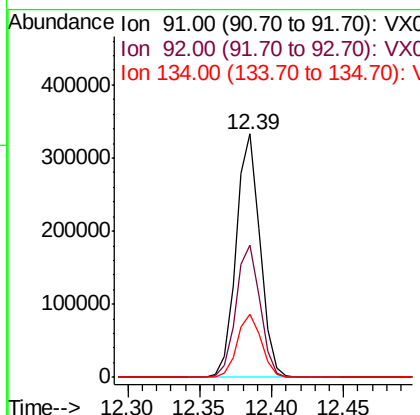
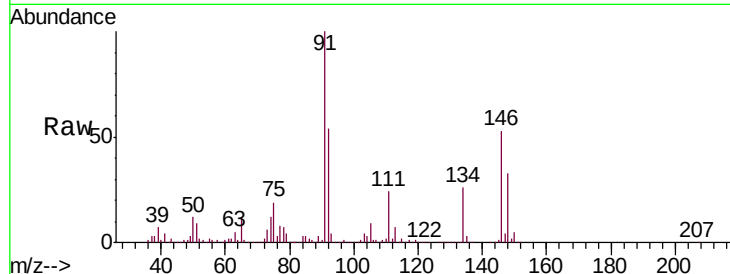




#89
n-Butylbenzene
Concen: 49.569 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

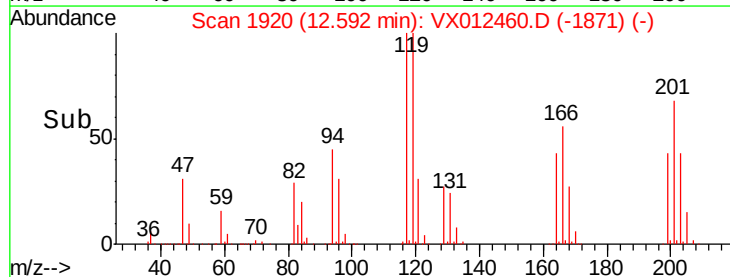
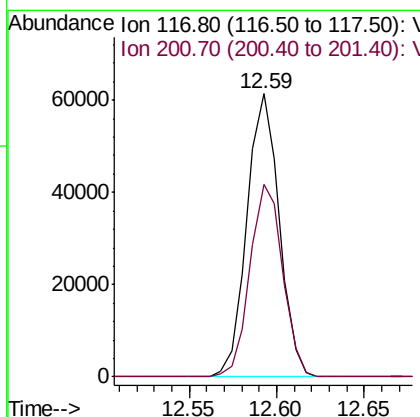
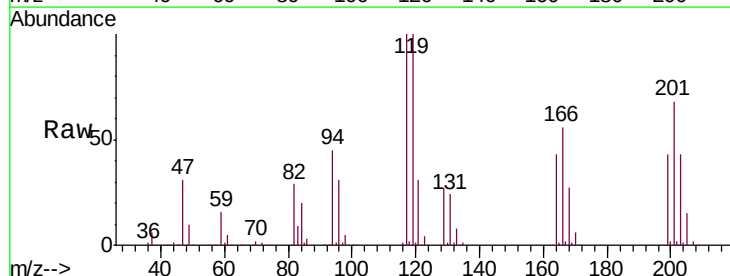
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

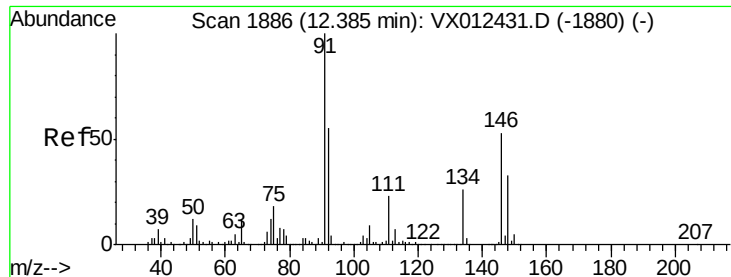
Tgt Ion: 91 Resp: 386140
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 26.1 12.9 38.6



#90
Hexachloroethane
Concen: 49.167 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion: 117 Resp: 78709
Ion Ratio Lower Upper
117 100
201 69.1 33.3 99.8

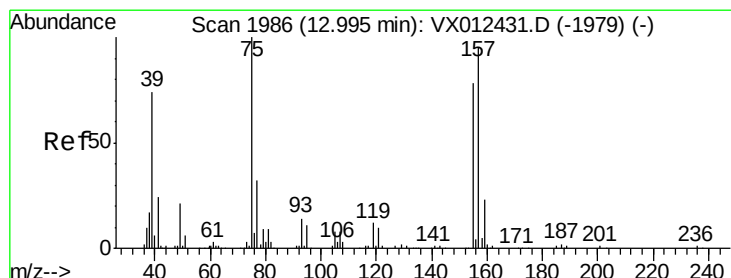
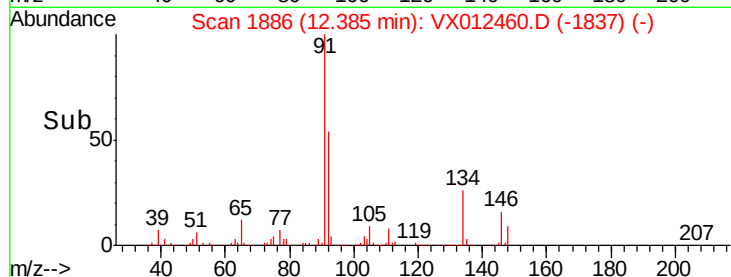
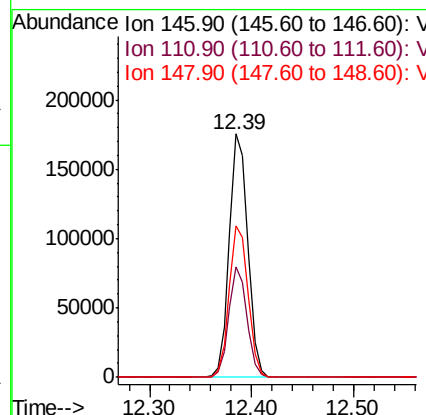
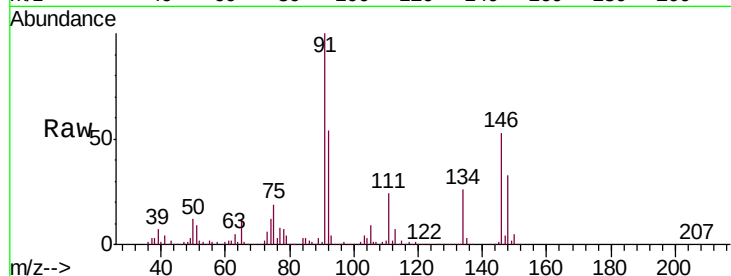




#91
 1,2-Dichlorobenzene
 Concen: 48.831 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

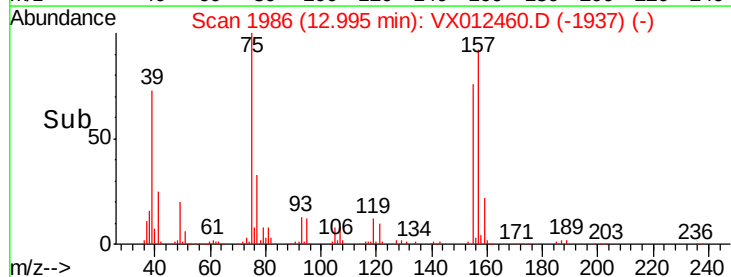
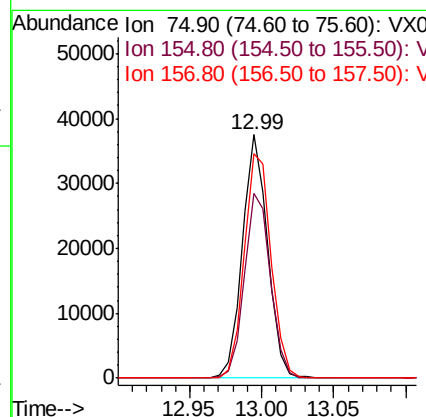
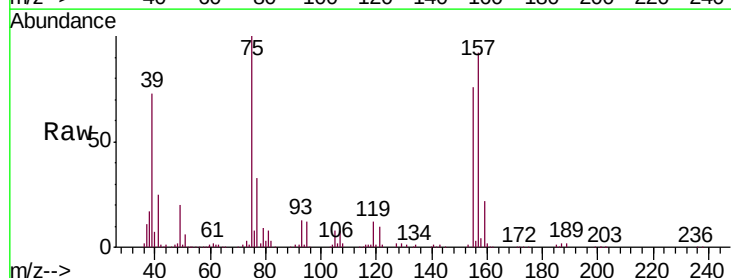
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

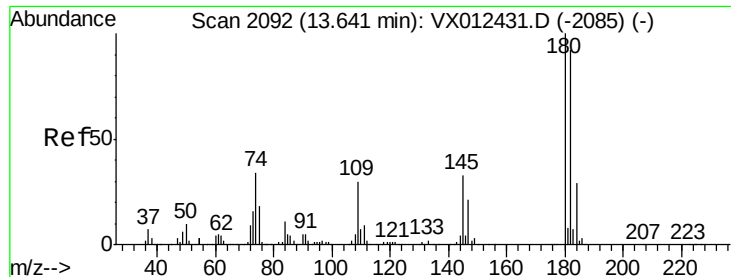
Tgt Ion: 146 Resp: 221071
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.1 66.1
 148 63.4 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.346 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 75 Resp: 45463
 Ion Ratio Lower Upper
 75 100
 155 78.5 38.6 115.8
 157 98.2 50.6 151.9

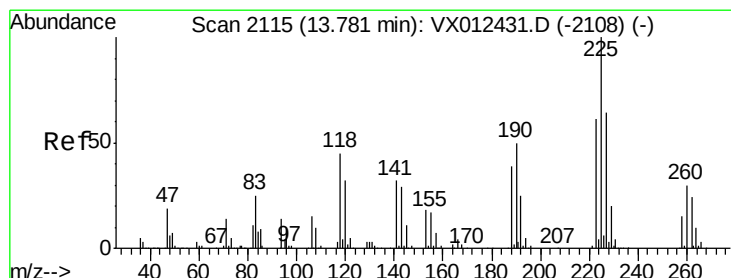
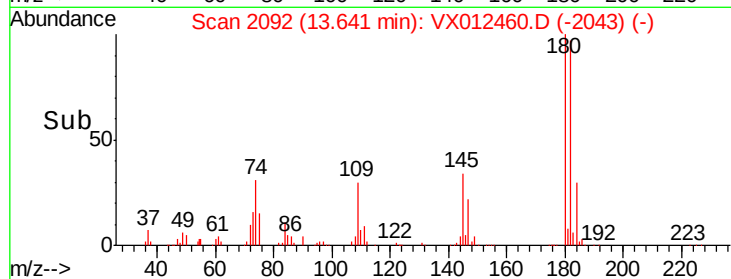
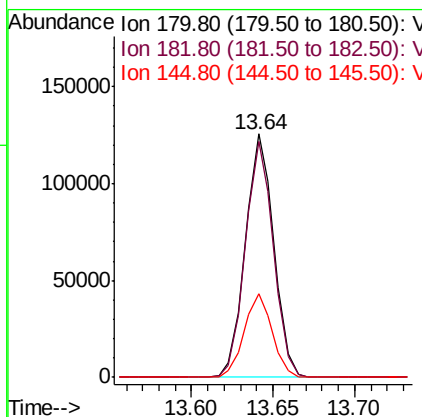
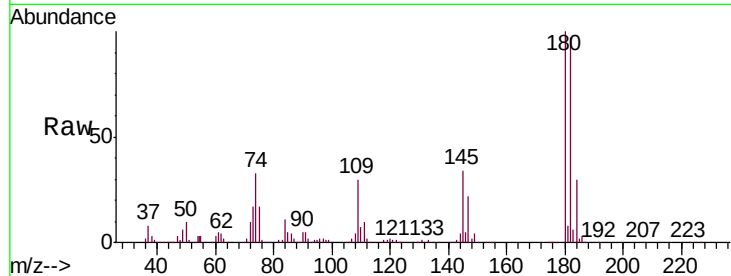




#93
 1,2,4-Trichlorobenzene
 Concen: 52.334 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

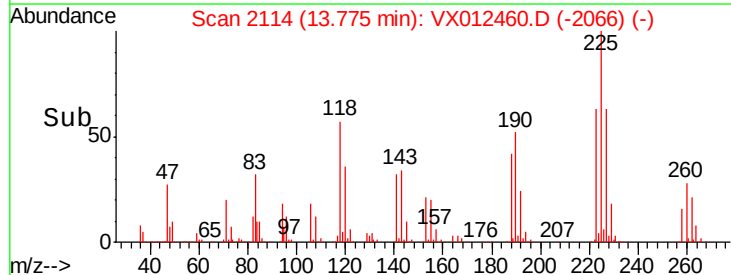
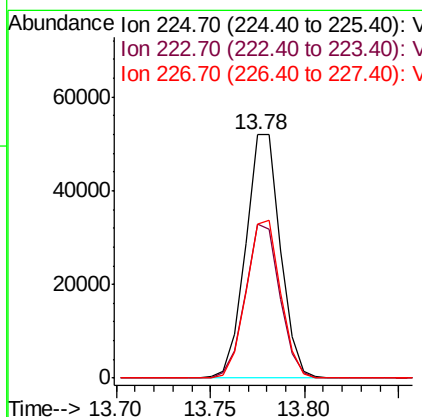
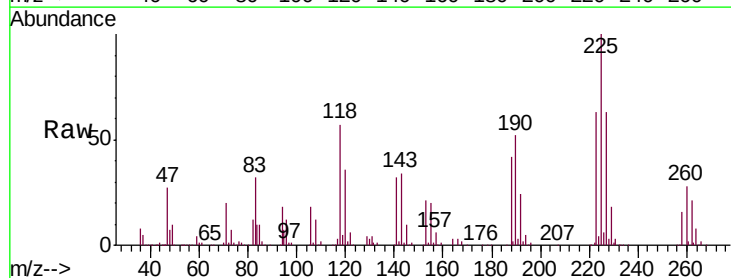
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

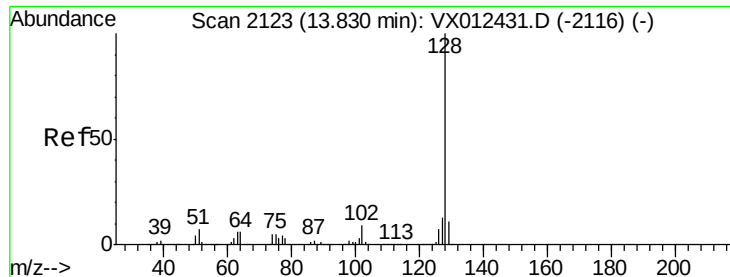
Tgt Ion:180 Resp: 152611
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.0 141.0
 145 33.8 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 48.307 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion:225 Resp: 66394
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.0 96.2
 227 64.2 31.9 95.5

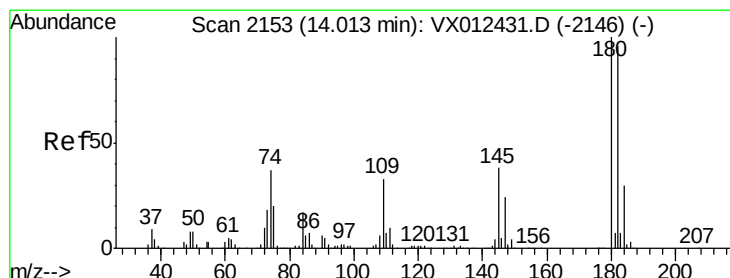
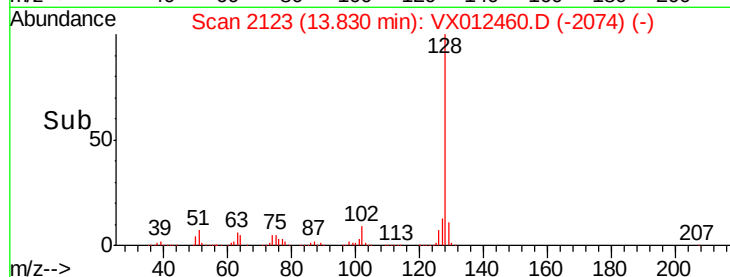
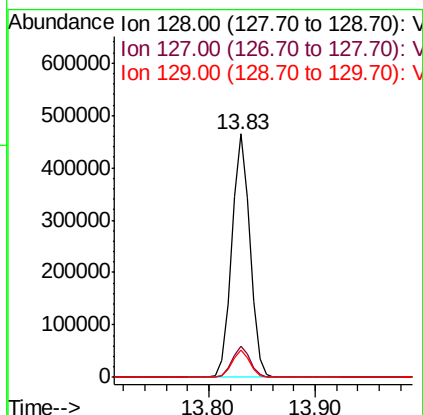
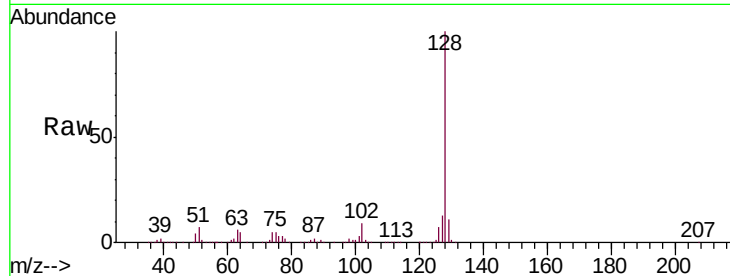




#95
Naphthalene
Concen: 53.641 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 556582
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.102 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion:180 Resp: 157796
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.3
145 35.2 18.0 54.0

