

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
 Data File : VX012618.D
 Acq On : 23 Sep 2019 20:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 24 01:54:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	132906	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	5.49	113	97394	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	8.71	98	363834	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.14	95	142576	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	97168	49.295	ug/l	100
3) Chloromethane	1.32	50	114047	50.386	ug/l	98
4) Vinyl Chloride	1.40	62	115156	51.185	ug/l	96
5) Bromomethane	1.63	94	42663	48.231	ug/l	97
6) Chloroethane	1.71	64	70997	46.811	ug/l	94
7) Trichlorofluoromethane	1.92	101	158468	50.168	ug/l	97
8) Diethyl Ether	2.18	74	66435	51.322	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	96012	49.905	ug/l	97
10) Methyl Iodide	2.50	142	102419	50.479	ug/l	96
11) Tert butyl alcohol	3.04	59	163901	257.146	ug/l	100
12) 1,1-Dichloroethene	2.36	96	97823	51.926	ug/l	95
13) Acrolein	2.28	56	77271	218.952	ug/l	97
14) Allyl chloride	2.72	41	193658	51.812	ug/l	98
15) Acrylonitrile	3.13	53	340349	263.200	ug/l	99
16) Acetone	2.44	43	303129	224.293	ug/l	98
17) Carbon Disulfide	2.56	76	258987	49.037	ug/l	99
18) Methyl Acetate	2.76	43	165764	52.089	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	370294	51.929	ug/l	97
20) Methylene Chloride	2.85	84	114938	50.282	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	106632	51.091	ug/l	98
22) Diisopropyl ether	3.84	45	377778	52.308	ug/l	99
23) Vinyl Acetate	3.80	43	1672795	264.118	ug/l	100
24) 1,1-Dichloroethane	3.69	63	203507	51.838	ug/l	98
25) 2-Butanone	4.66	43	488094	251.876	ug/l	99
26) 2,2-Dichloropropane	4.57	77	158025	45.259	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	123526	51.008	ug/l	96
28) Bromochloromethane	5.00	49	74054	51.951	ug/l	100
29) Tetrahydrofuran	5.12	42	314221	266.037	ug/l	99
30) Chloroform	5.20	83	206228	51.346	ug/l	96
31) Cyclohexane	5.57	56	182012	51.249	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	182572	51.289	ug/l	100
36) 1,1-Dichloropropene	5.79	75	153043	48.927	ug/l	98
37) Ethyl Acetate	4.82	43	185325	50.677	ug/l	98
38) Carbon Tetrachloride	5.78	117	155266	48.864	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177897	47.241	ug/l	98
40) Benzene	6.14	78	451447	49.052	ug/l	97
41) Methacrylonitrile	5.03	41	100002	48.738	ug/l	96
42) 1,2-Dichloroethane	6.18	62	173269	49.577	ug/l	99
43) Isopropyl Acetate	6.43	43	301644	49.324	ug/l	99
44) Trichloroethene	7.20	130	112735	47.915	ug/l	93
45) 1,2-Dichloropropane	7.51	63	118547	50.311	ug/l	98
46) Dibromomethane	7.65	93	79549	49.585	ug/l	94
47) Bromodichloromethane	7.89	83	156897	48.933	ug/l	100
48) Methyl methacrylate	7.76	41	143735	49.016	ug/l	95
49) 1,4-Dioxane	7.73	88	69020	1037.710	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	945036	250.337	ug/l	97
52) Toluene	8.78	92	286329	49.500	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	175681	49.521	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	188889	48.766	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	114267	49.687	ug/l	98
56) Ethyl methacrylate	9.17	69	192828	49.909	ug/l	95
57) 1,3-Dichloropropane	9.37	76	200733	49.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	448118	258.393	ug/l	98
59) 2-Hexanone	9.49	43	732211	253.398	ug/l	96
60) Dibromochloromethane	9.58	129	116493	50.040	ug/l	98
61) 1,2-Dibromoethane	9.67	107	121706	50.851	ug/l	100
64) Tetrachloroethene	9.33	164	99741	49.831	ug/l	95
65) Chlorobenzene	10.14	112	295340	48.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108146	49.374	ug/l	98
67) Ethyl Benzene	10.25	91	544913	49.698	ug/l	99
68) m/p-Xylenes	10.35	106	405173	98.646	ug/l	99
69) o-Xylene	10.70	106	199152	50.109	ug/l	100
70) Styrene	10.71	104	341938	51.321	ug/l	100
71) Bromoform	10.85	173	77758	50.984	ug/l #	98
73) Isopropylbenzene	11.01	105	531892	49.456	ug/l	99
74) N-amyl acetate	10.89	43	260782	50.826	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	179848	50.493	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	213557	61.139	ug/l	87
77) Bromobenzene	11.25	156	118053	48.499	ug/l	95
78) n-propylbenzene	11.35	91	588113	48.572	ug/l	100
79) 2-Chlorotoluene	11.42	91	365118	48.339	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	445424	49.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56593	46.431	ug/l	97
82) 4-Chlorotoluene	11.51	91	430983	50.054	ug/l	97
83) tert-Butylbenzene	11.77	119	427544	49.144	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	454900	50.000	ug/l	99
85) sec-Butylbenzene	11.94	105	497766	49.191	ug/l	99
86) p-Isopropyltoluene	12.06	119	452054	49.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216431	49.408	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	213839	48.310	ug/l	99
89) n-Butylbenzene	12.39	91	388372	48.271	ug/l	98
90) Hexachloroethane	12.59	117	80221	49.282	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	219543	50.061	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45486	51.051	ug/l	99

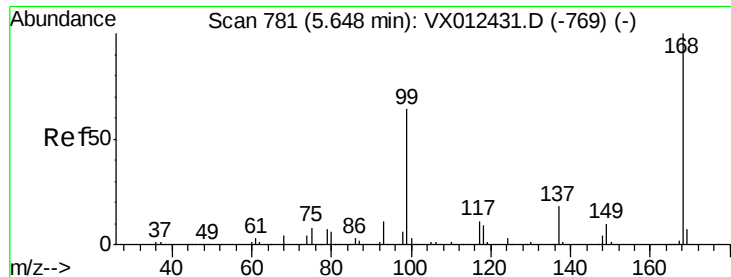
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132873	49.681	ug/l	99
94) Hexachlorobutadiene	13.78	225	53805	46.764	ug/l	99
95) Naphthalene	13.83	128	508881	52.590	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134332	50.140	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

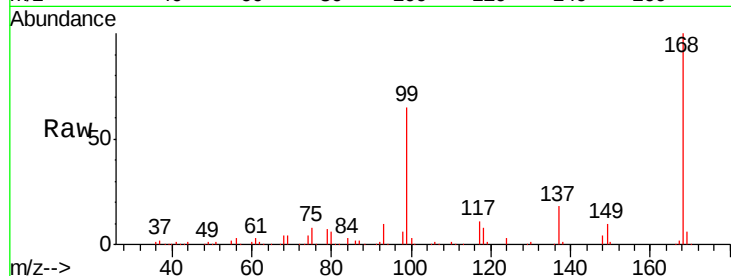
VSTDCCC050EC

Tgt Ion:168 Resp: 175218

Ion Ratio Lower Upper

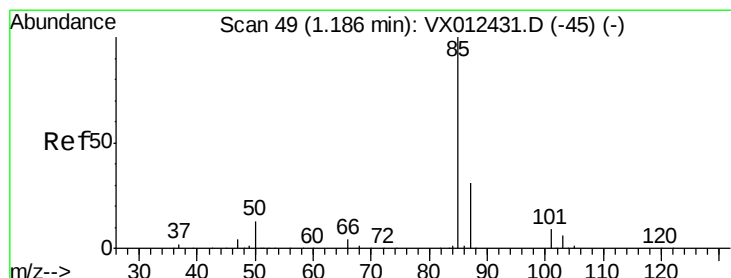
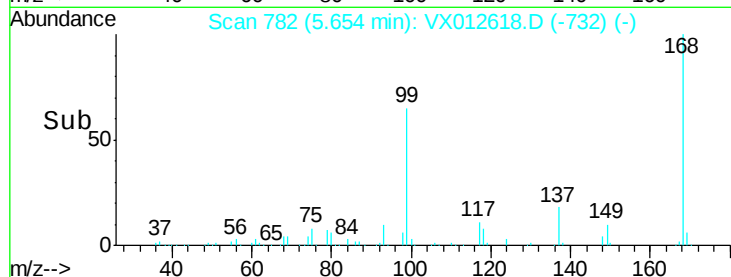
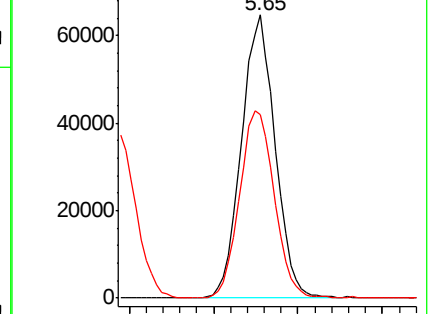
168 100

99 64.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.295 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012618.D

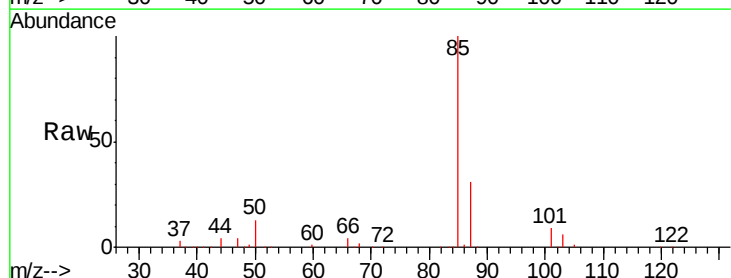
Acq: 23 Sep 2019 20:38

Tgt Ion: 85 Resp: 97168

Ion Ratio Lower Upper

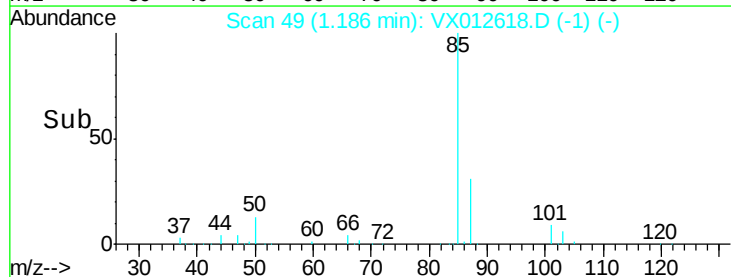
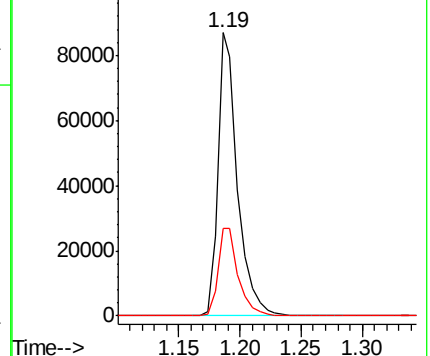
85 100

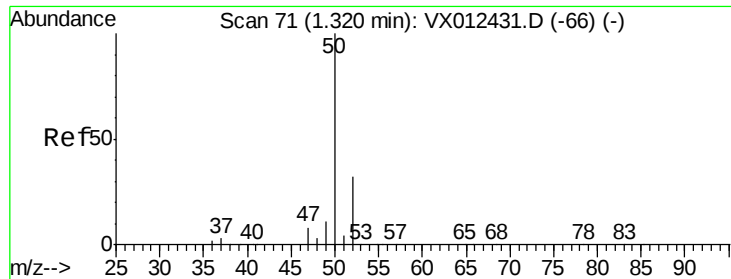
87 31.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

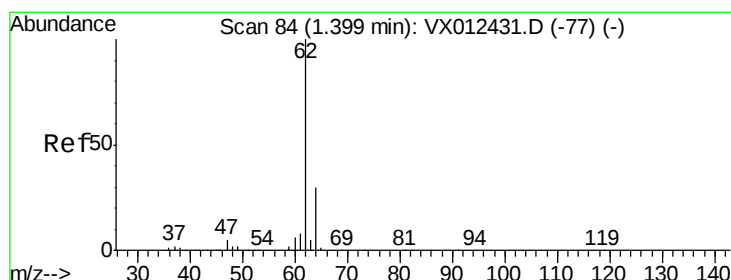
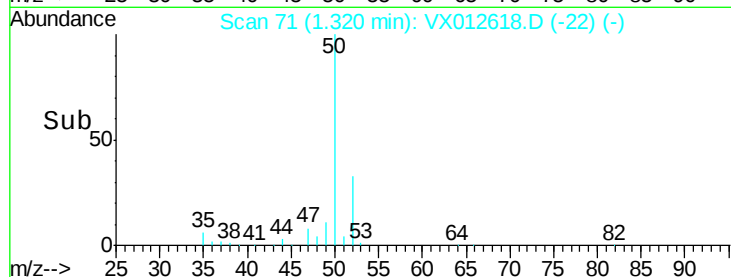
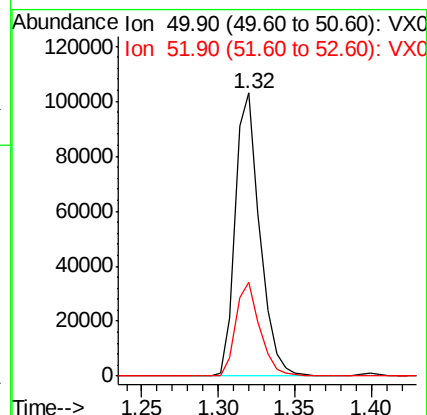
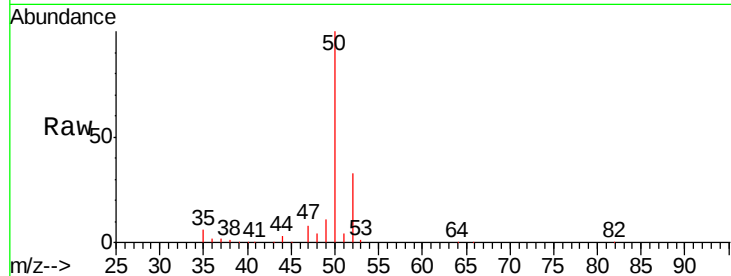




#3
Chloromethane
Concen: 50.386 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

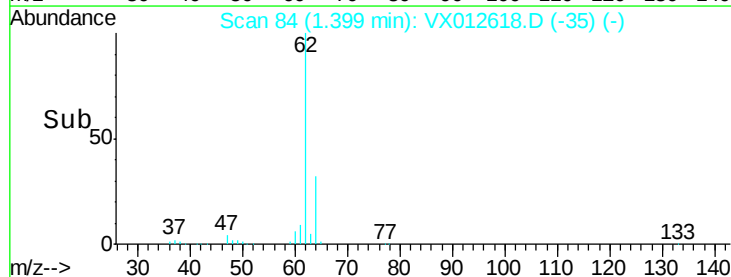
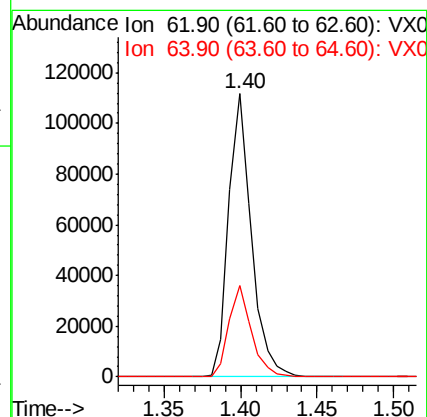
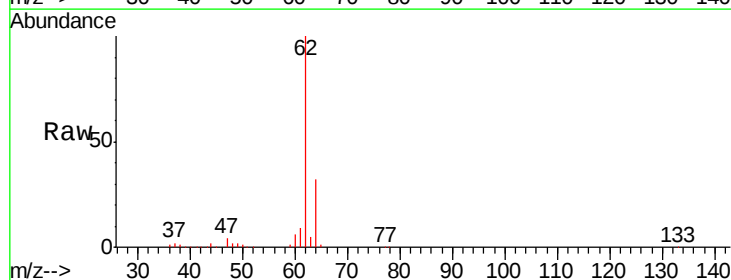
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 114047
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5



#4
Vinyl Chloride
Concen: 51.185 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 62 Resp: 115156
Ion Ratio Lower Upper
62 100
64 32.3 24.2 36.2





#5

Bromomethane

Concen: 48.231 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

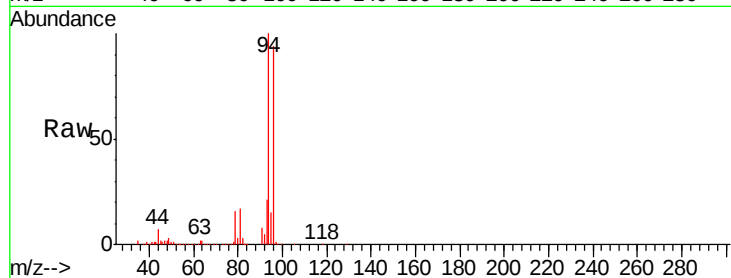
VSTDCCC050EC

Tgt Ion: 94 Resp: 42663

Ion Ratio Lower Upper

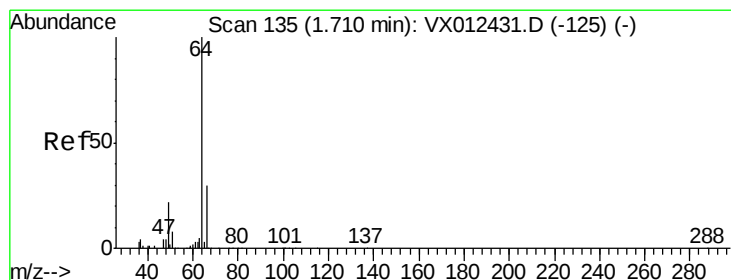
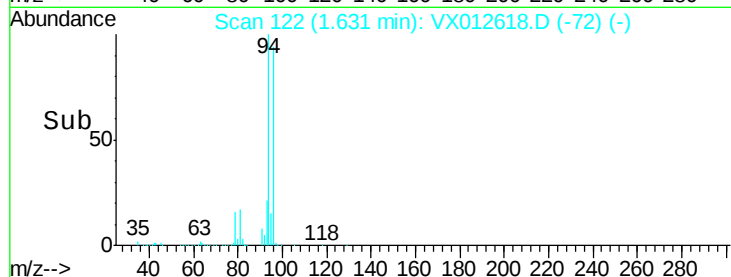
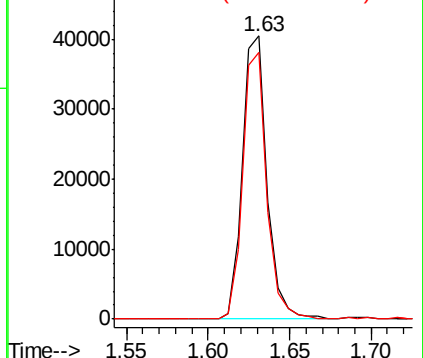
94 100

96 94.1 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: 46.811 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012618.D

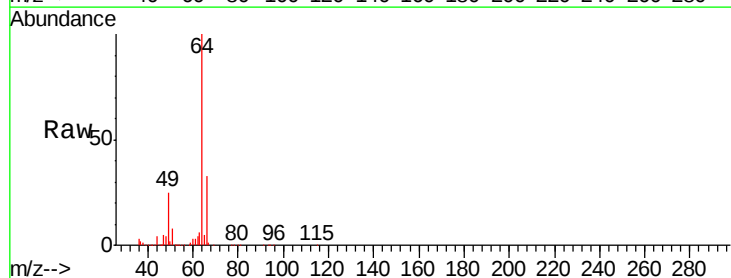
Acq: 23 Sep 2019 20:38

Tgt Ion: 64 Resp: 70997

Ion Ratio Lower Upper

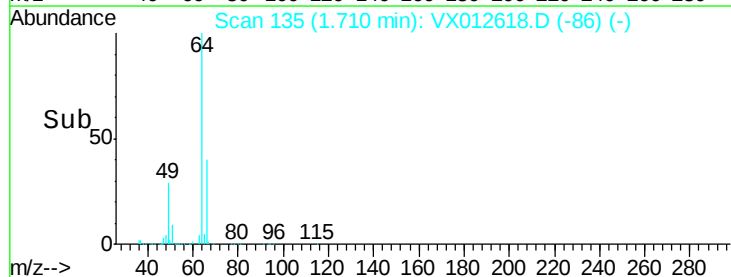
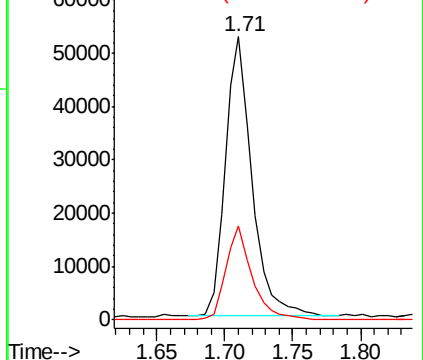
64 100

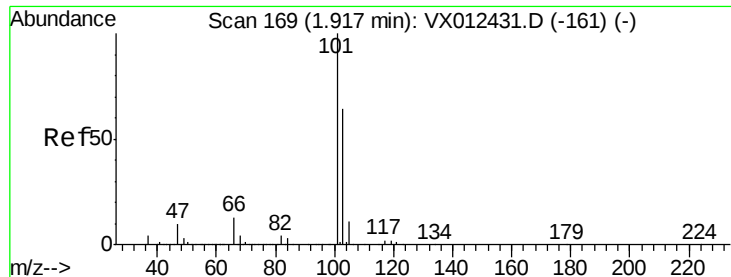
66 33.4 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



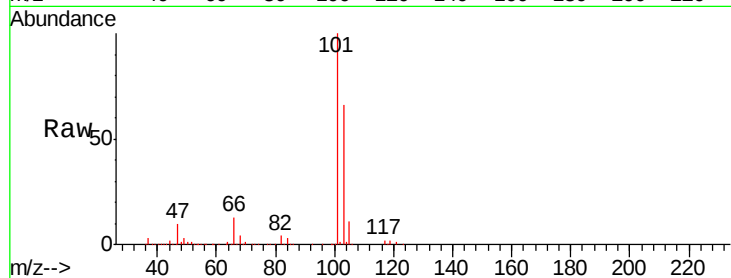


#7

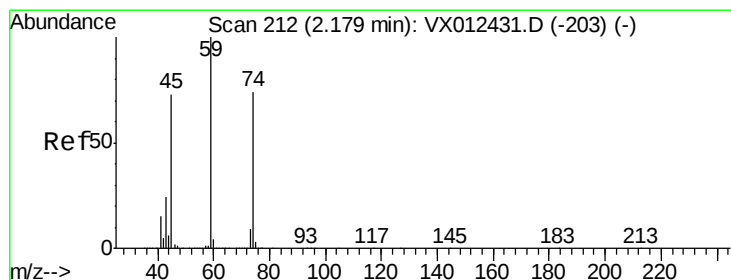
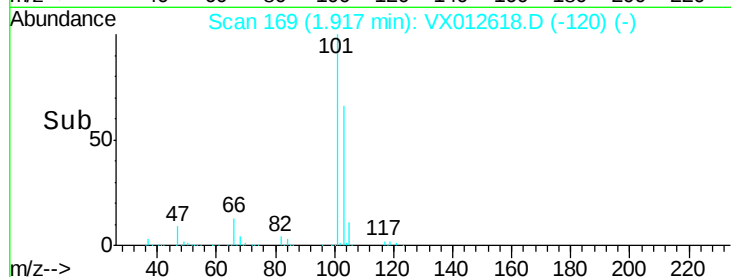
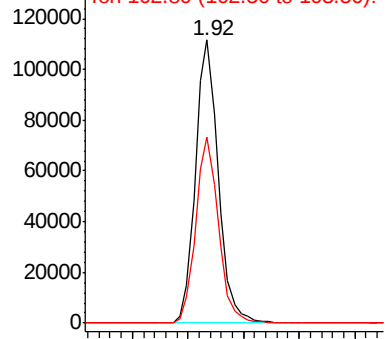
Trichlorofluoromethane
Concen: 50.168 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 101 Resp: 158468
Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.4



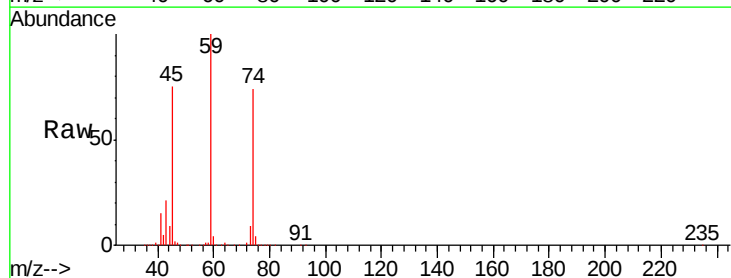
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



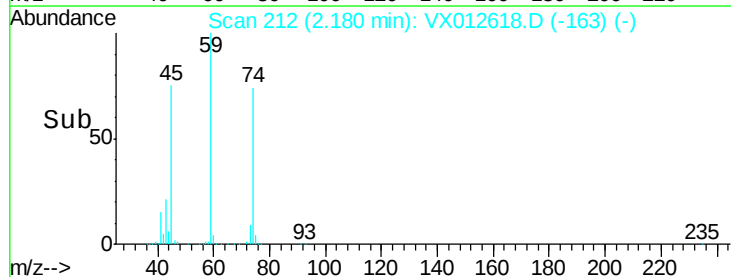
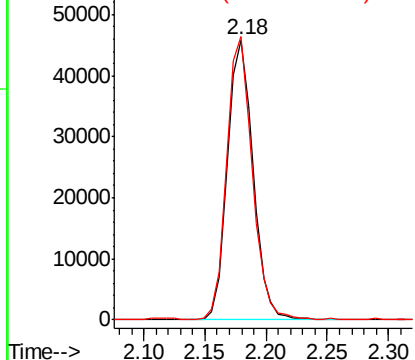
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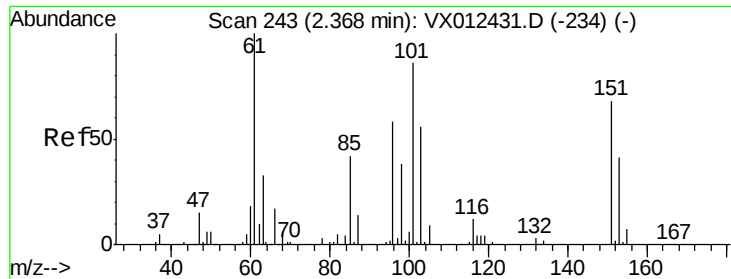
Diethyl Ether
Concen: 51.322 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 74 Resp: 66435
Ion Ratio Lower Upper
74 100
45 99.3 49.9 149.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.905 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

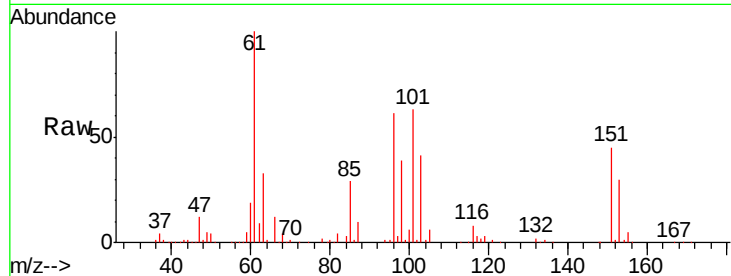
Tgt Ion:101 Resp: 96012

Ion Ratio Lower Upper

101 100

85 46.4 37.3 55.9

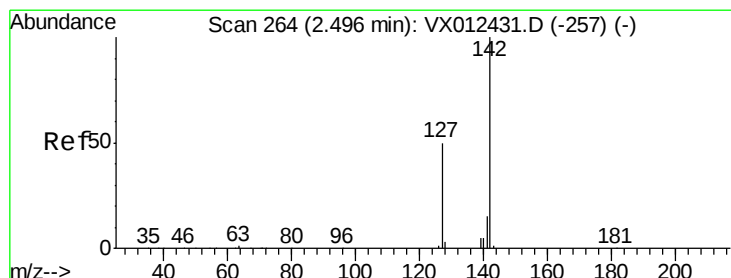
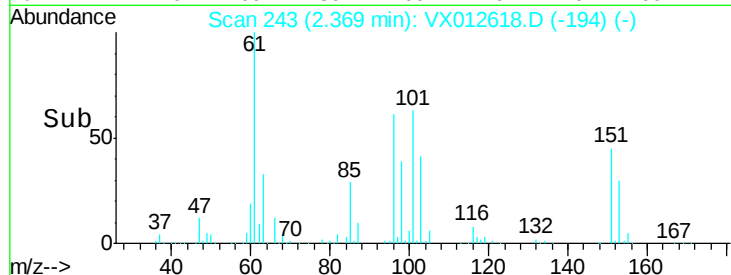
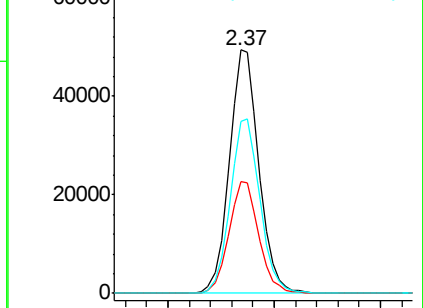
151 72.3 61.0 91.4



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: 50.479 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

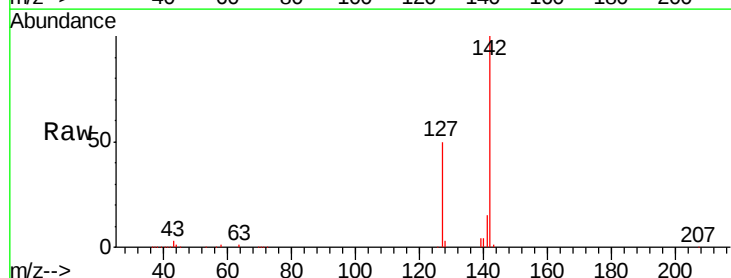
Tgt Ion:142 Resp: 102419

Ion Ratio Lower Upper

142 100

127 47.8 40.8 61.2

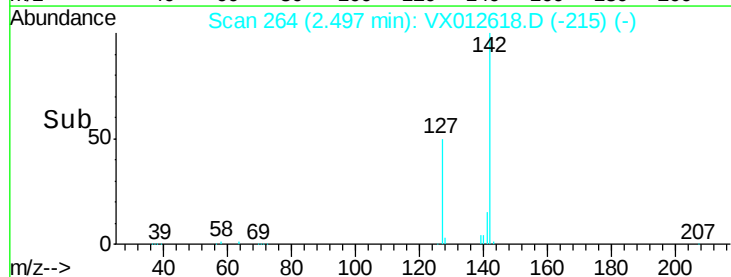
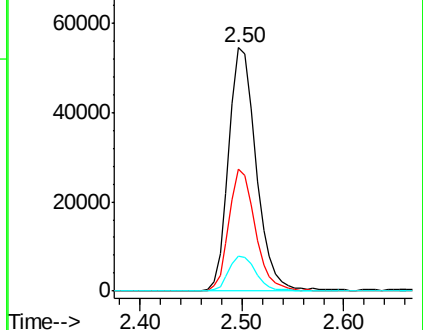
141 14.3 12.1 18.1

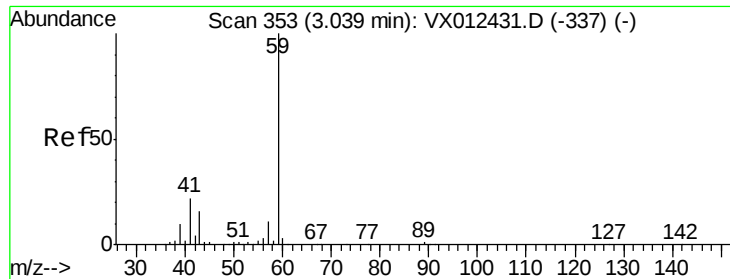


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

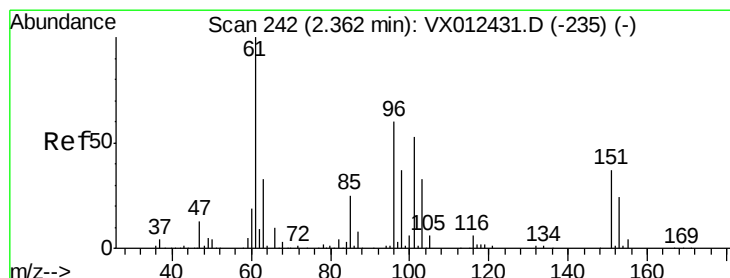
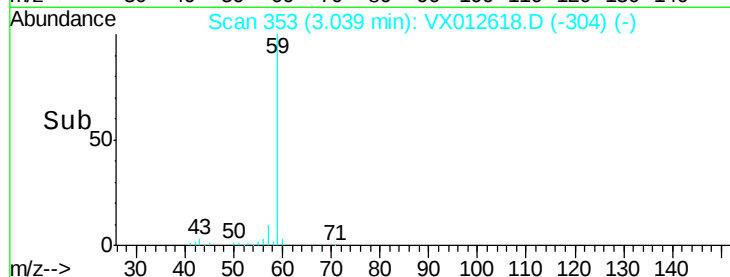
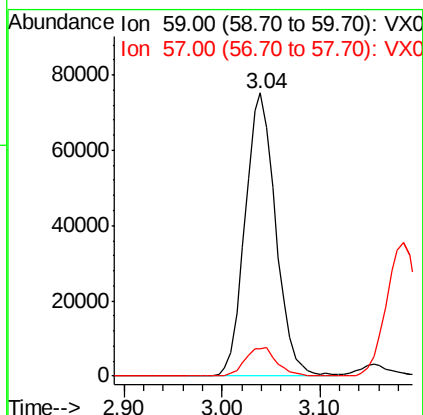
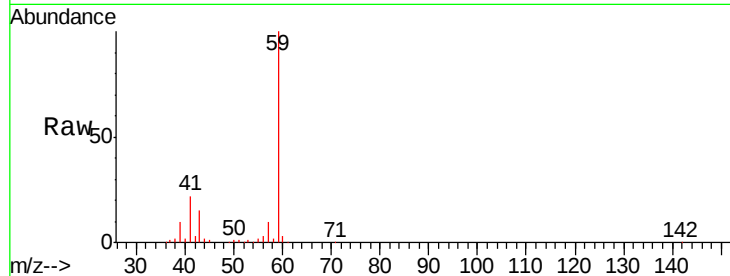




#11
Tert butyl alcohol
Concen: 257.146 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

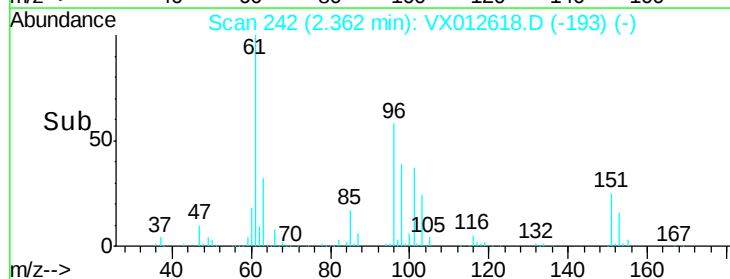
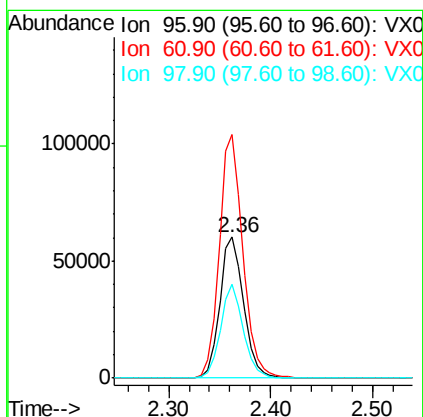
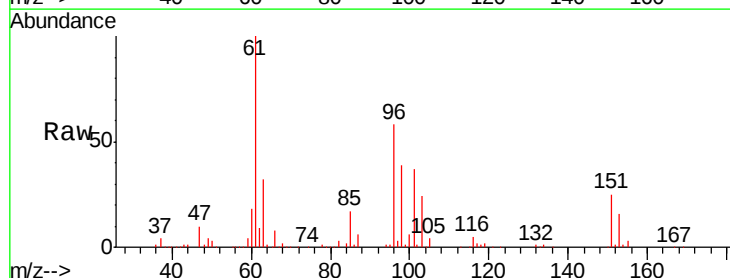
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

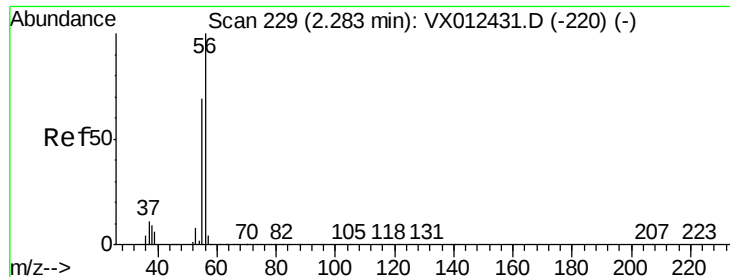
Tgt Ion: 59 Resp: 163901
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.926 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 96 Resp: 97823
Ion Ratio Lower Upper
96 100
61 173.0 133.8 200.6
98 66.9 49.9 74.9





#13

Acrolein

Concen: 218.952 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

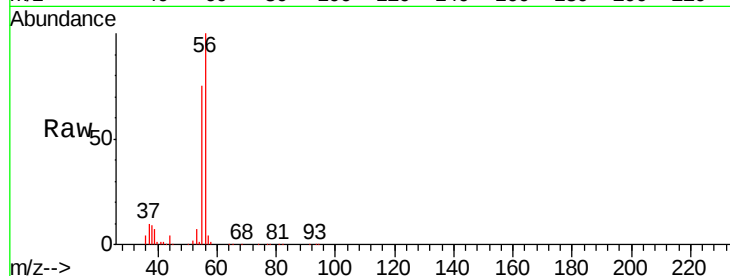
VSTDCCC050EC

Tgt Ion: 56 Resp: 77271

Ion Ratio Lower Upper

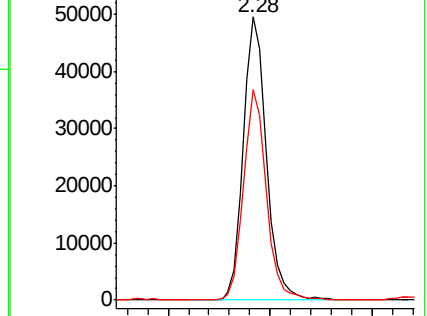
56 100

55 72.7 55.8 83.8

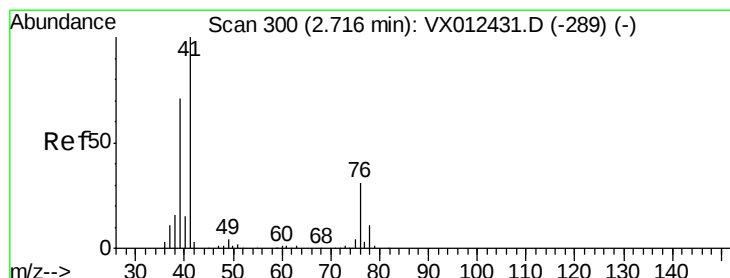
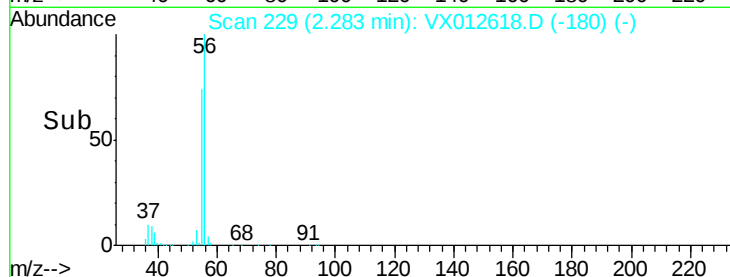


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 51.812 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

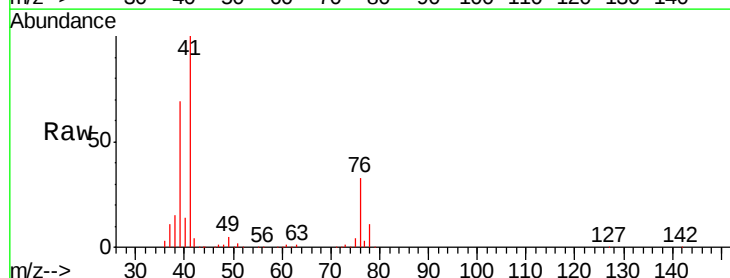
Tgt Ion: 41 Resp: 193658

Ion Ratio Lower Upper

41 100

39 64.0 51.3 76.9

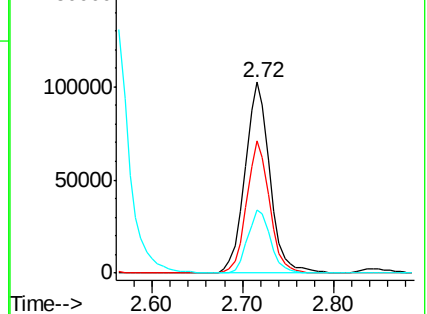
76 30.8 22.6 33.8



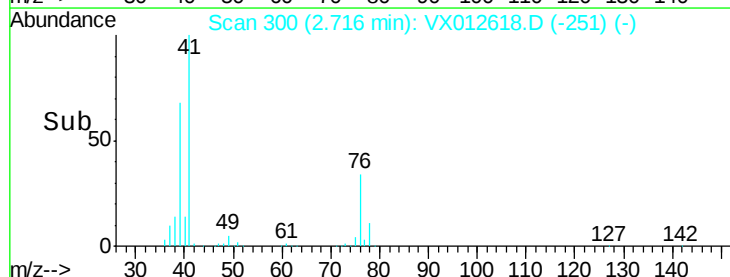
Abundance Ion 41.00 (40.70 to 41.70): VX0

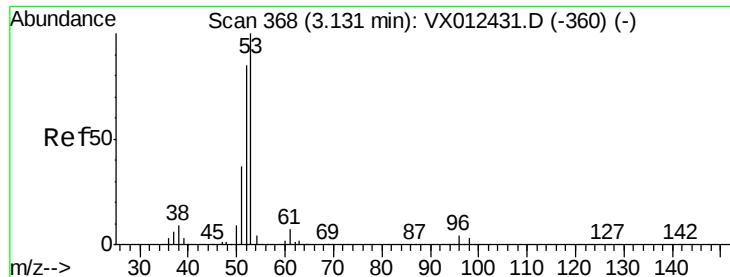
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 263.200 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

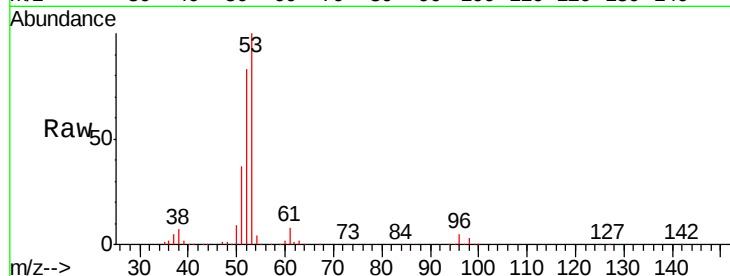
Tgt Ion: 53 Resp: 340349

Ion Ratio Lower Upper

53 100

52 83.1 67.0 100.4

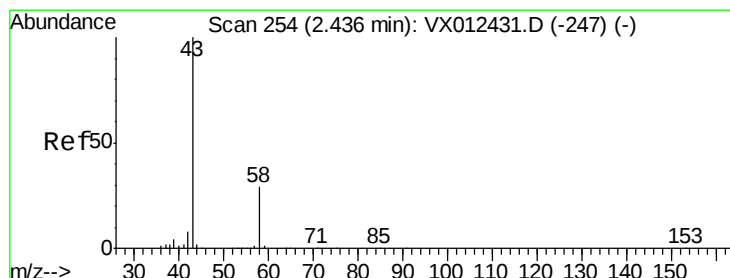
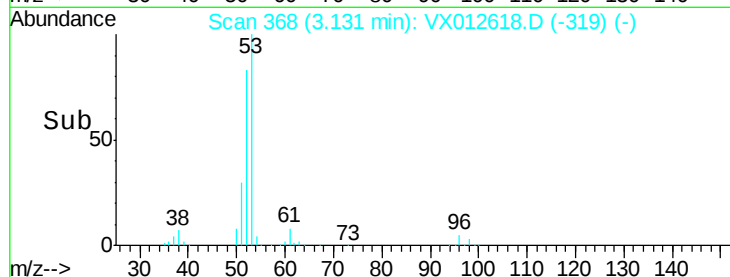
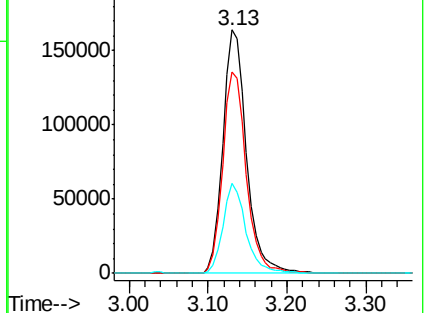
51 36.2 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 224.293 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012618.D

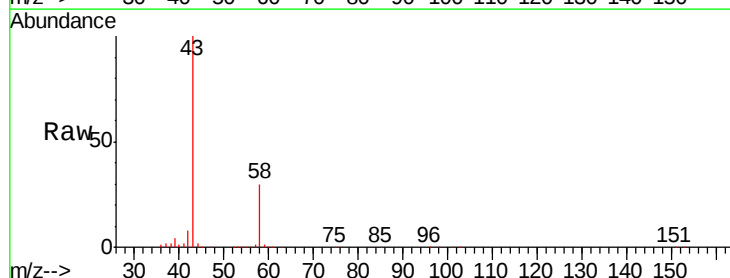
Acq: 23 Sep 2019 20:38

Tgt Ion: 43 Resp: 303129

Ion Ratio Lower Upper

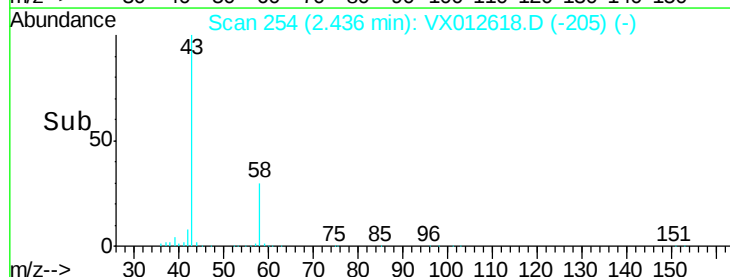
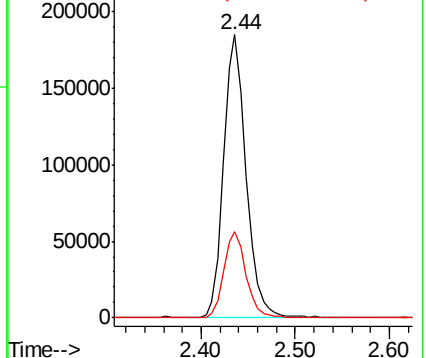
43 100

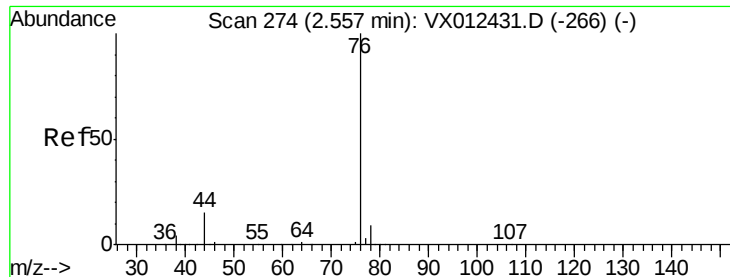
58 30.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

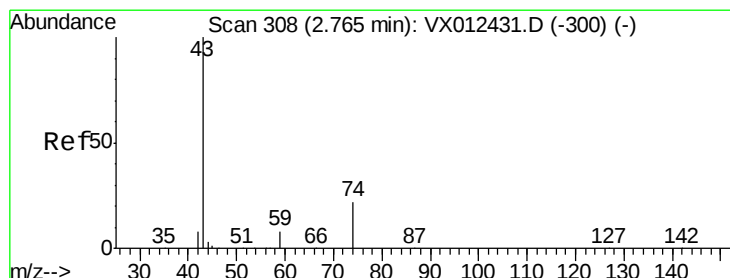
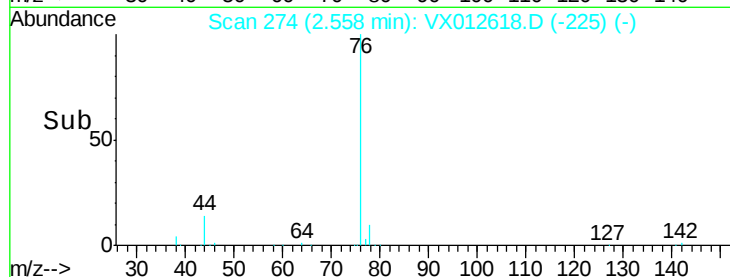
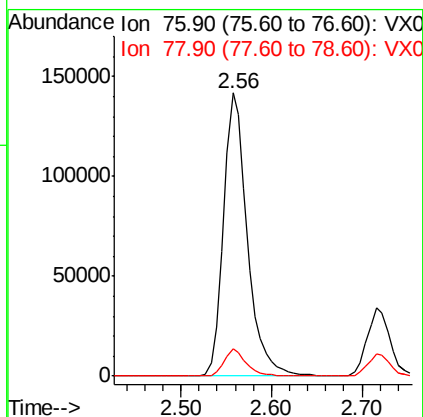
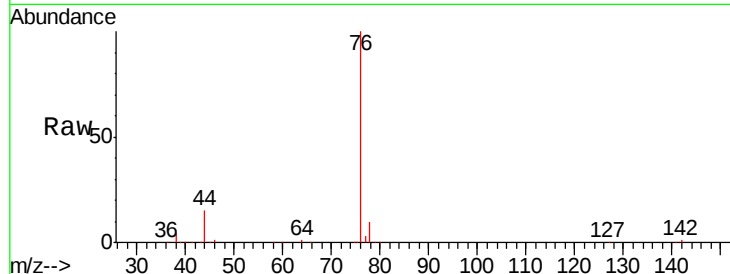




#17
Carbon Disulfide
Concen: 49.037 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

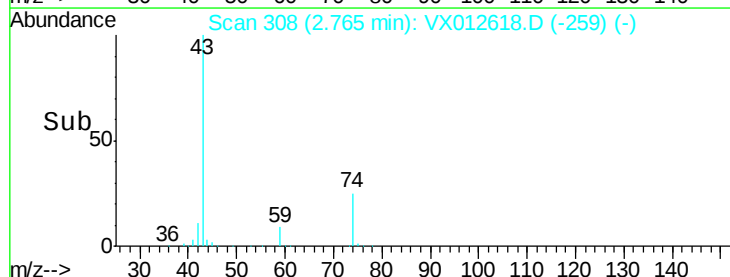
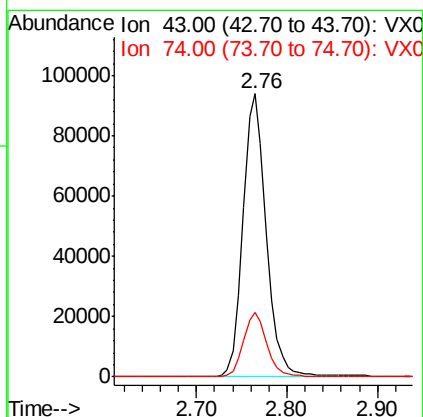
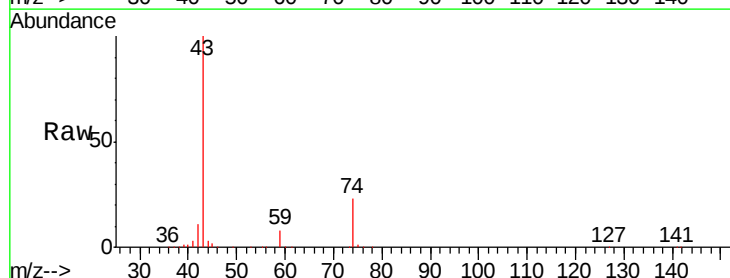
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

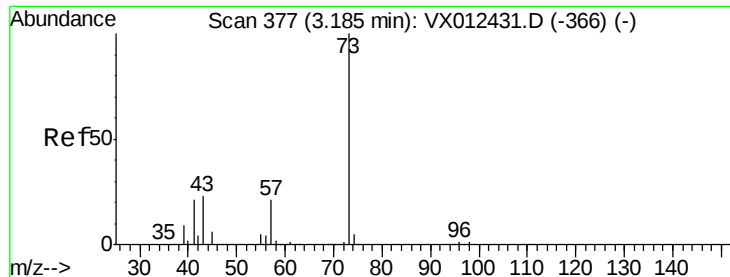
Tgt Ion: 76 Resp: 258987
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 52.089 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 43 Resp: 165764
Ion Ratio Lower Upper
43 100
74 23.1 17.7 26.5

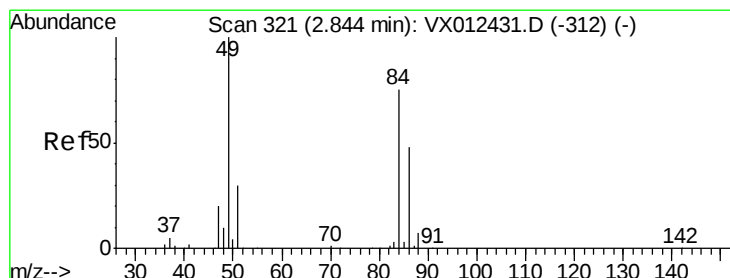
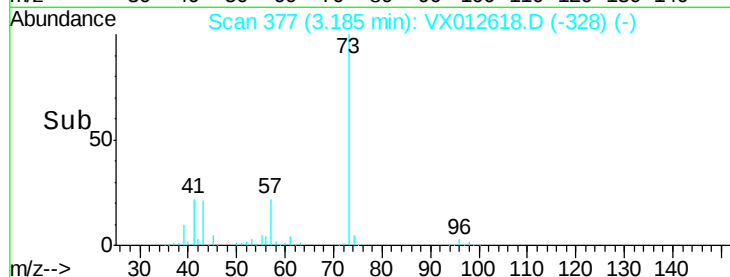
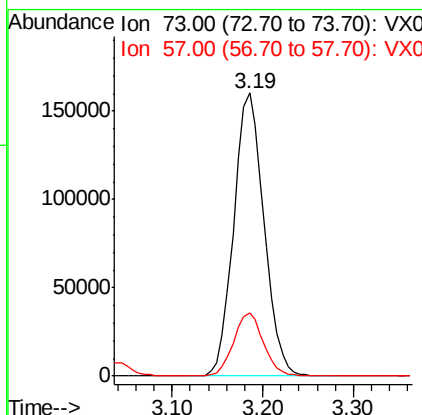
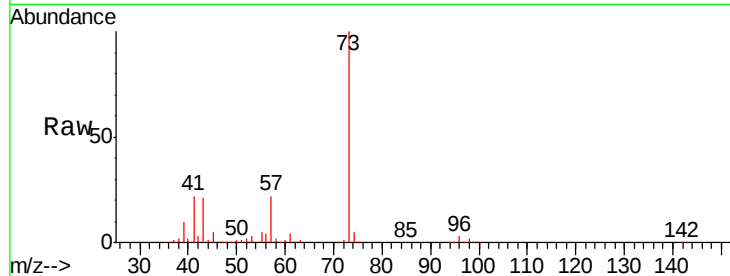




#19
Methyl tert-butyl Ether
Concen: 51.929 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

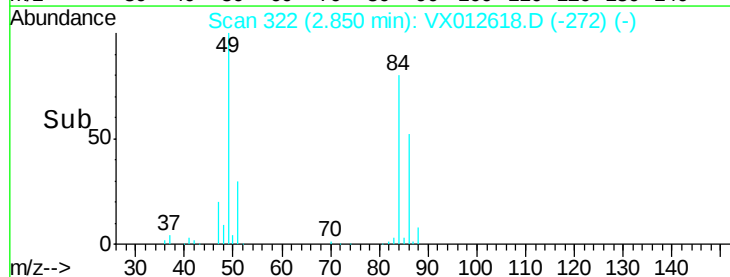
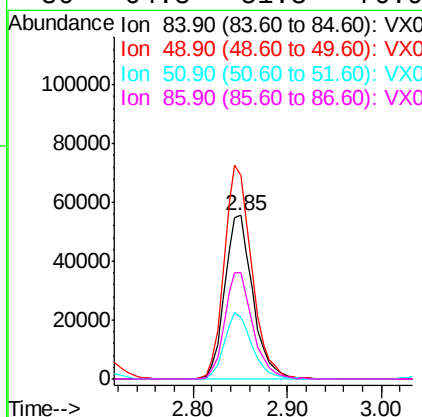
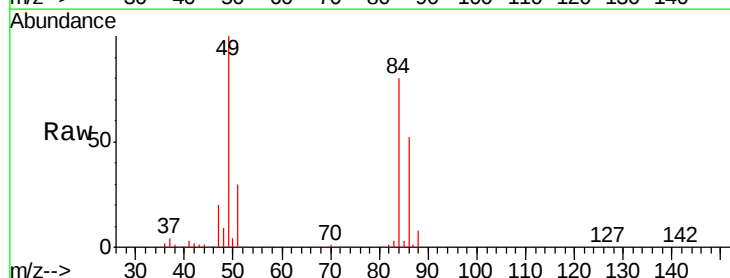
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

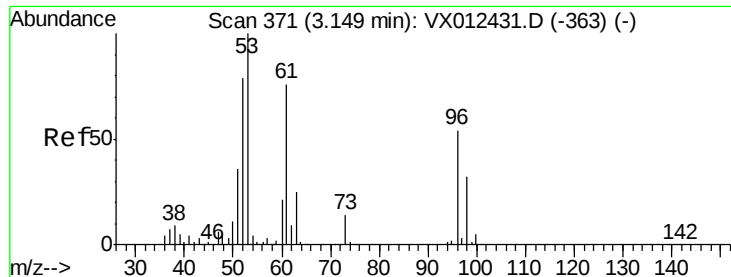
Tgt Ion: 73 Resp: 370294
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2



#20
Methylene Chloride
Concen: 50.282 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 84 Resp: 114938
Ion Ratio Lower Upper
84 100
49 124.4 106.8 160.2
51 37.8 32.3 48.5
86 64.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.091 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

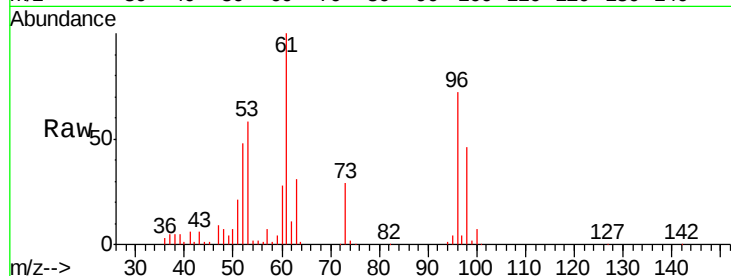
Tgt Ion: 96 Resp: 106632

Ion Ratio Lower Upper

96 100

61 139.2 112.0 168.0

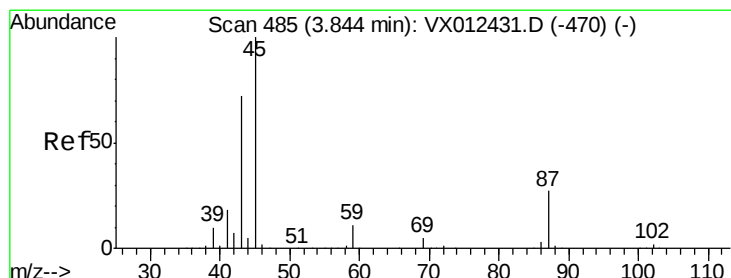
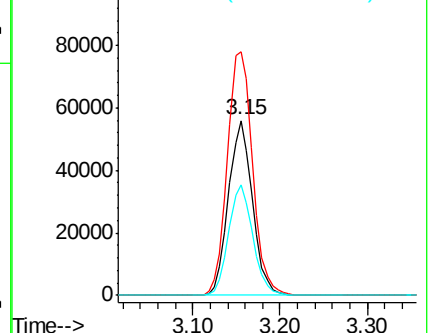
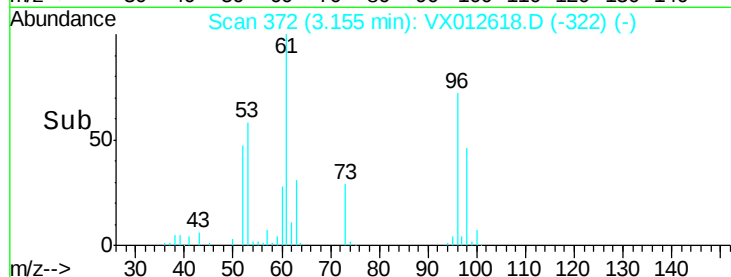
98 63.4 47.8 71.8



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: 52.308 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion: 45 Resp: 377778

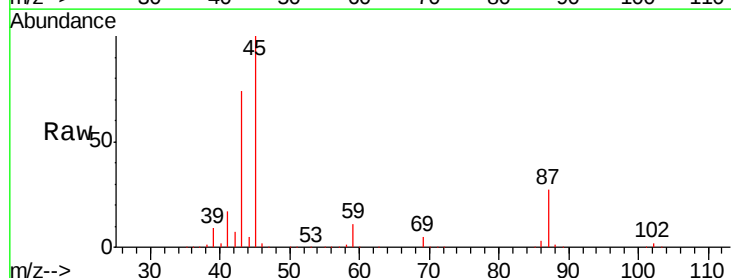
Ion Ratio Lower Upper

45 100

43 73.4 57.8 86.8

87 26.5 21.3 31.9

59 10.6 8.5 12.7

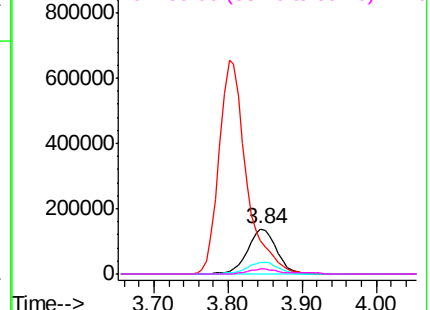
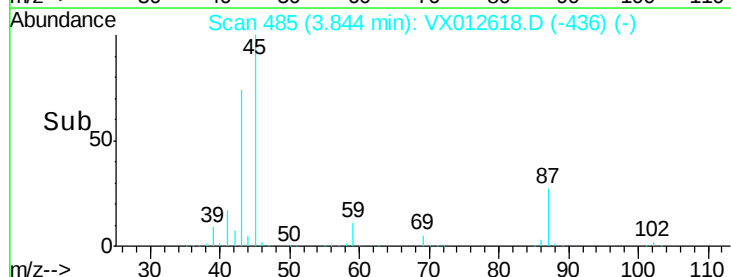


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 264.118 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

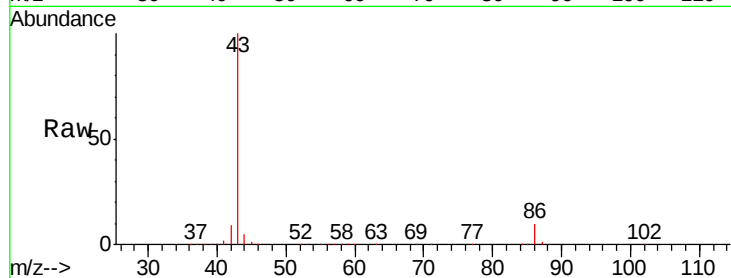
VSTDCCC050EC

Tgt Ion: 43 Resp: 1672795

Ion Ratio Lower Upper

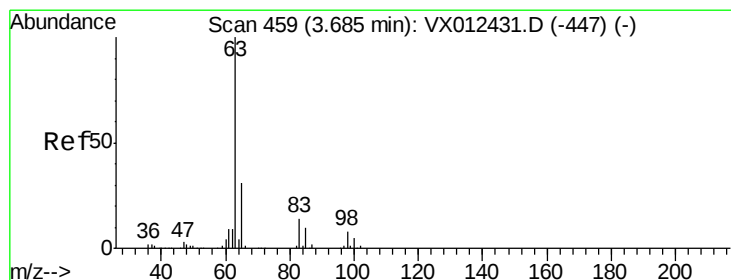
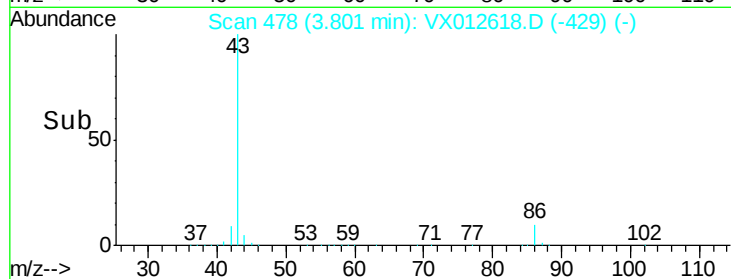
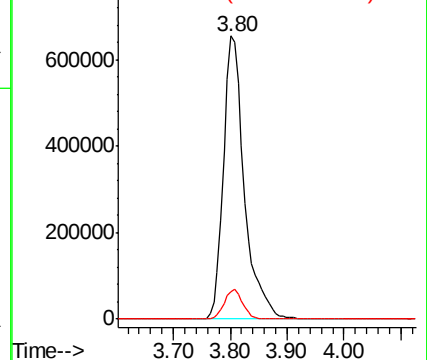
43 100

86 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.838 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

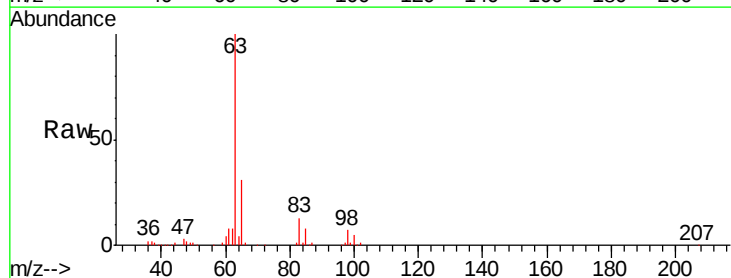
Tgt Ion: 63 Resp: 203507

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

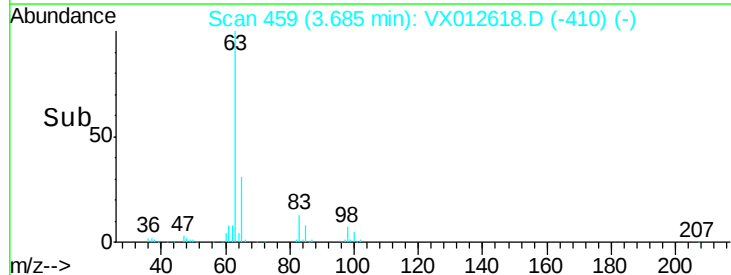
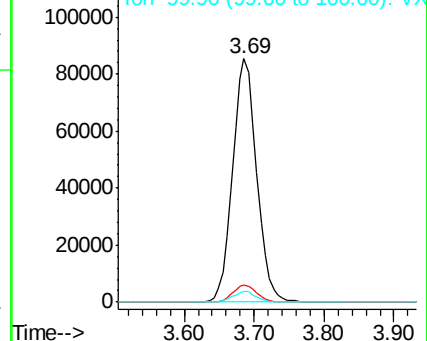
100 4.6 2.3 6.9

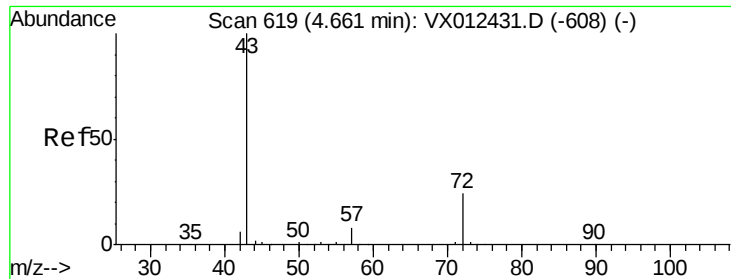


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 251.876 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

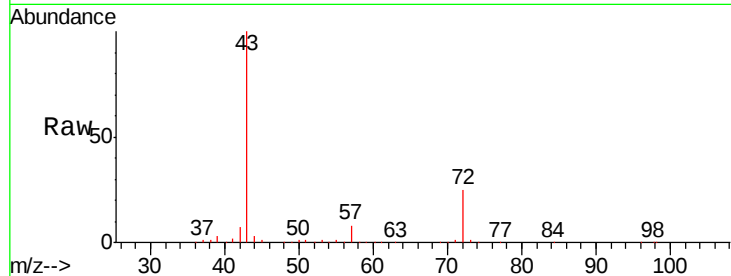
VSTDCCC050EC

Tgt Ion: 43 Resp: 488094

Ion Ratio Lower Upper

43 100

72 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

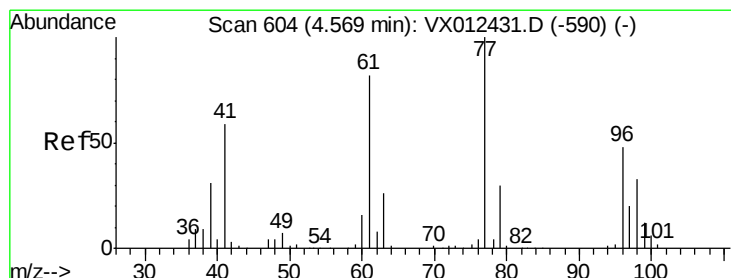
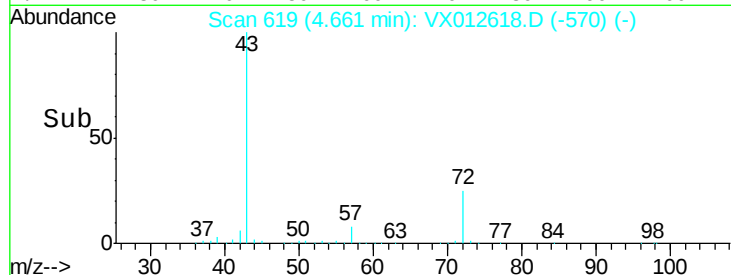
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.259 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012618.D

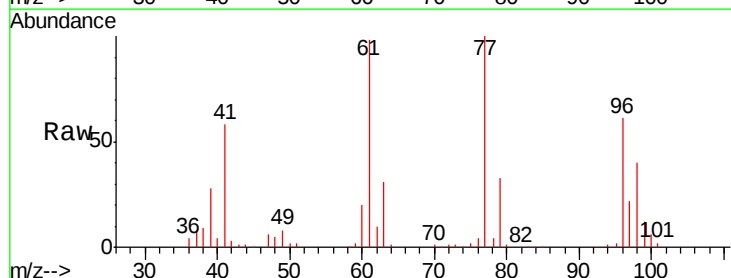
Acq: 23 Sep 2019 20:38

Tgt Ion: 77 Resp: 158025

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

60000

50000

40000

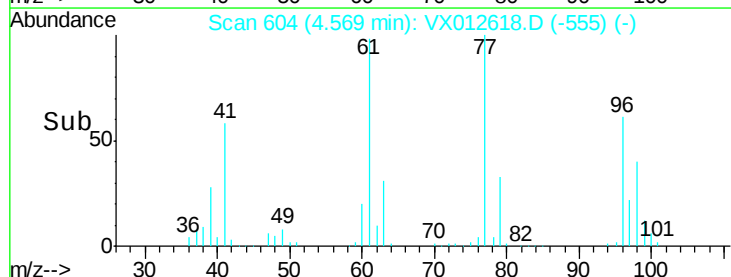
30000

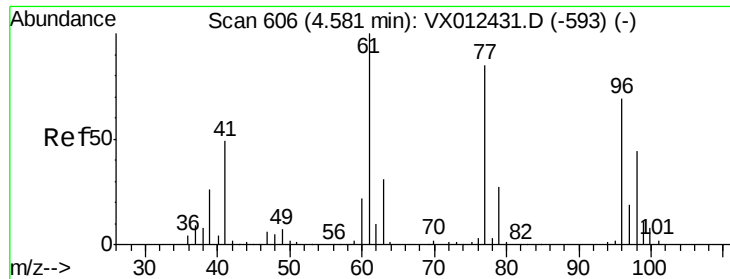
20000

10000

0

Time-->



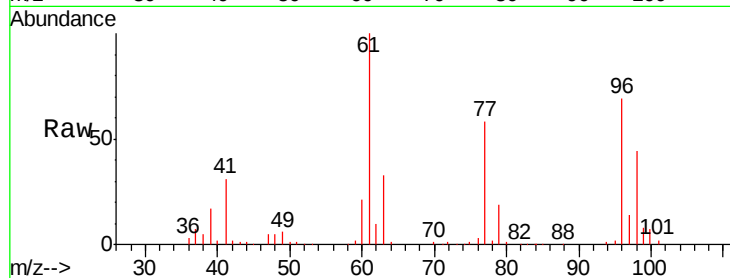


#27

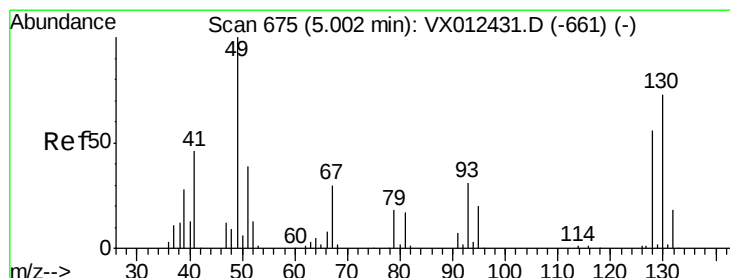
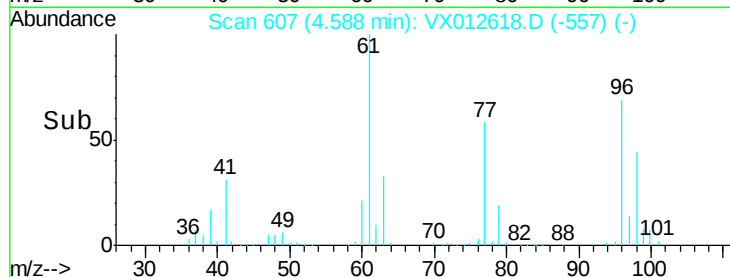
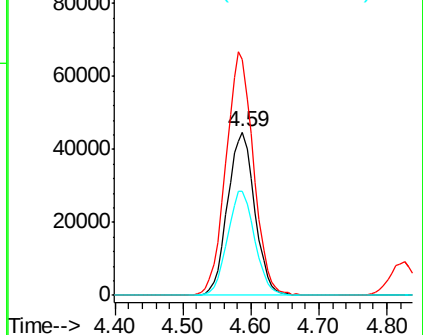
cis-1,2-Dichloroethene
Concen: 51.008 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 123526
Ion Ratio Lower Upper
96 100
61 152.0 0.0 319.4
98 64.6 0.0 130.6



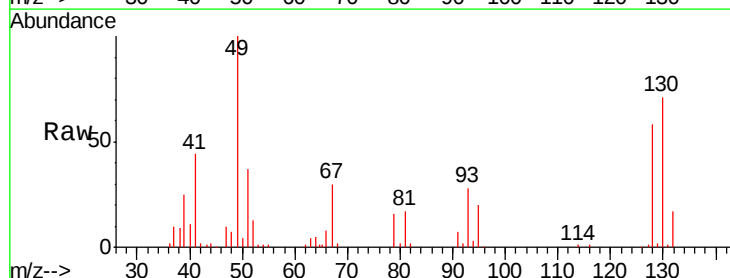
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



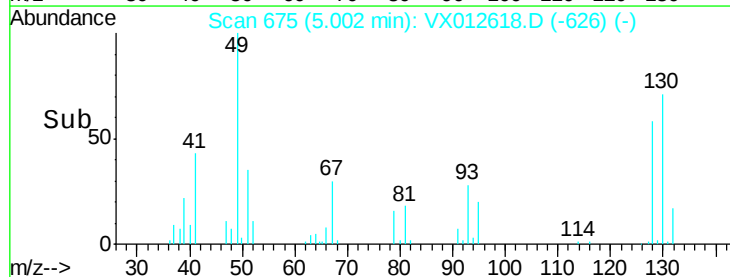
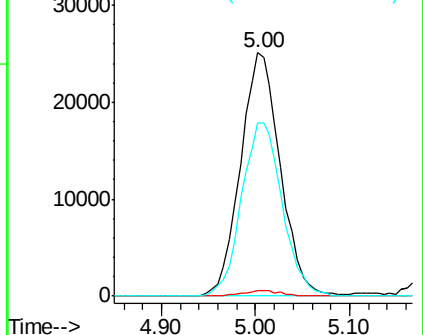
#28

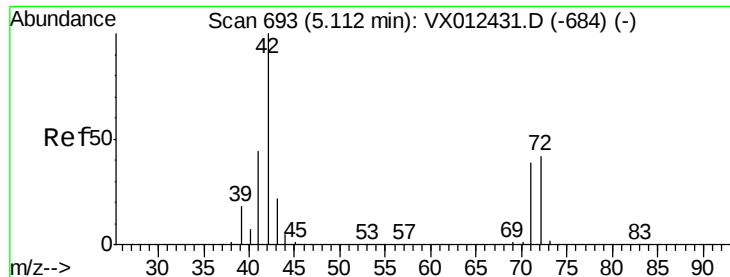
Bromochloromethane
Concen: 51.951 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 49 Resp: 74054
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 72.9 58.2 87.4



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





#29

Tetrahydrofuran

Concen: 266.037 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

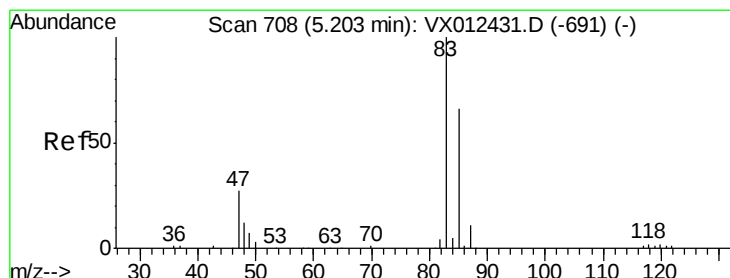
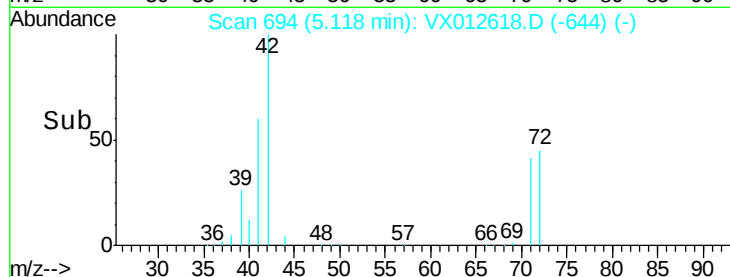
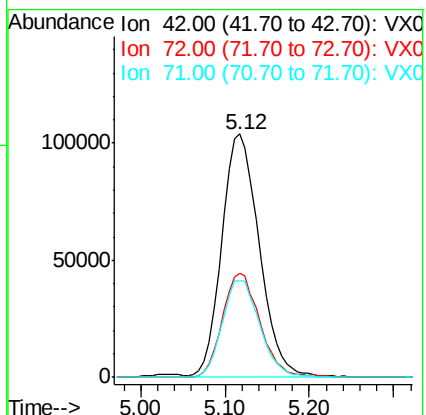
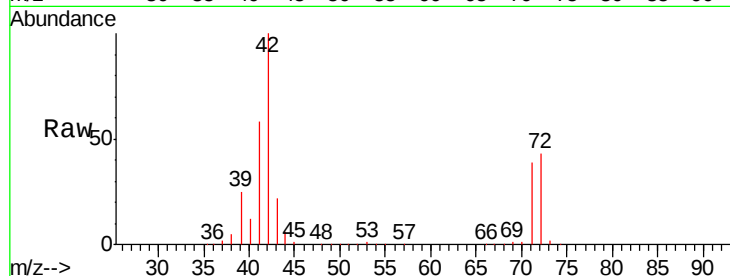
Tgt Ion: 42 Resp: 314221

Ion Ratio Lower Upper

42 100

72 43.1 34.0 51.0

71 40.4 31.5 47.3



#30

Chloroform

Concen: 51.346 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012618.D

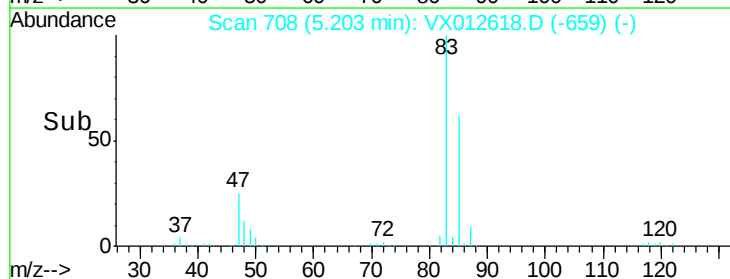
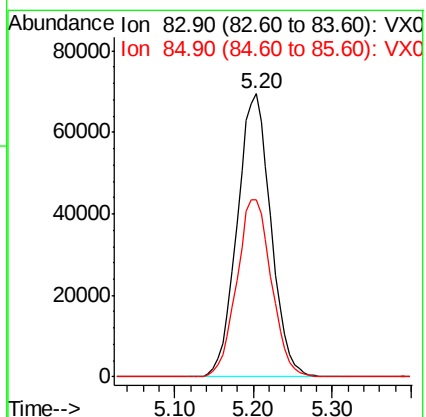
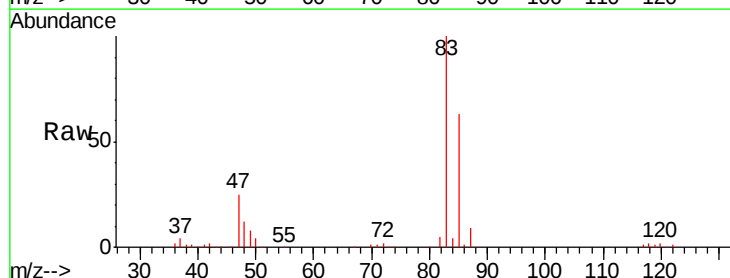
Acq: 23 Sep 2019 20:38

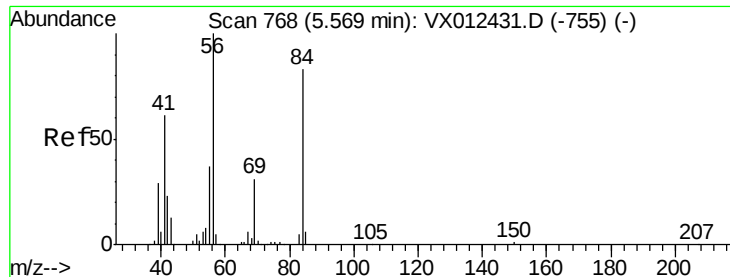
Tgt Ion: 83 Resp: 206228

Ion Ratio Lower Upper

83 100

85 62.7 53.0 79.4

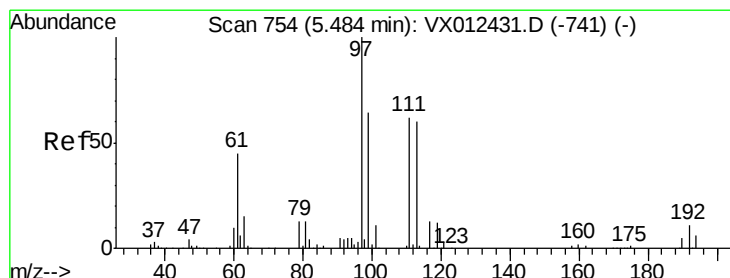
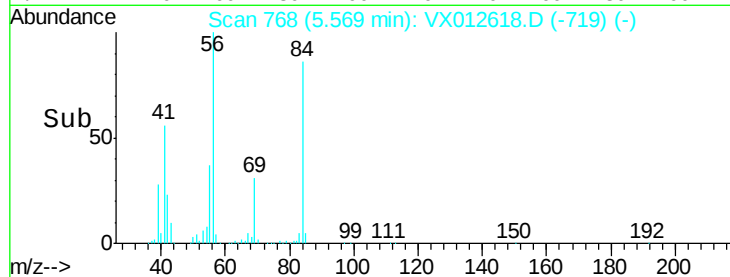
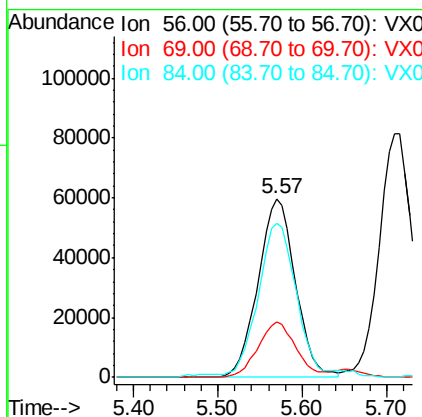
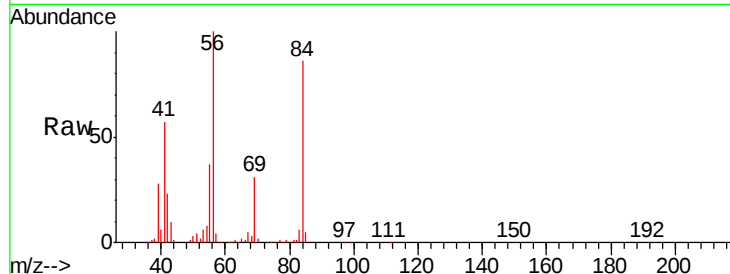




#31
Cyclohexane
Concen: 51.249 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

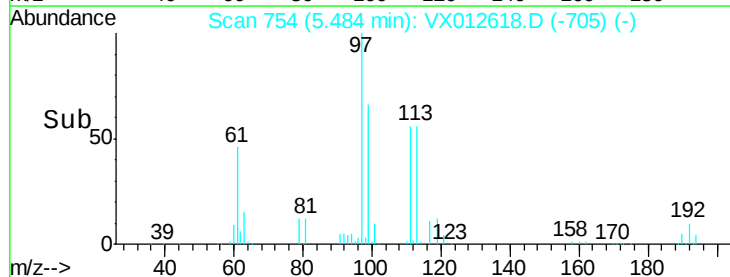
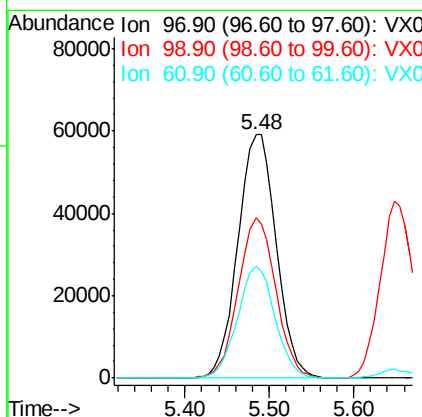
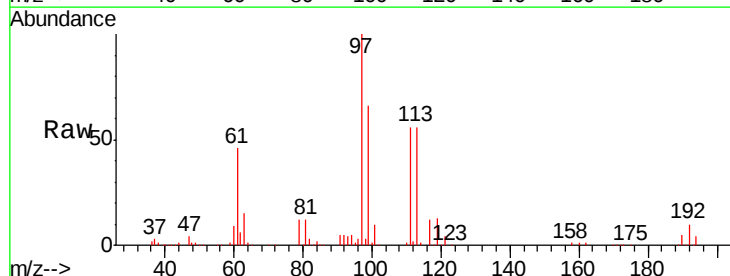
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

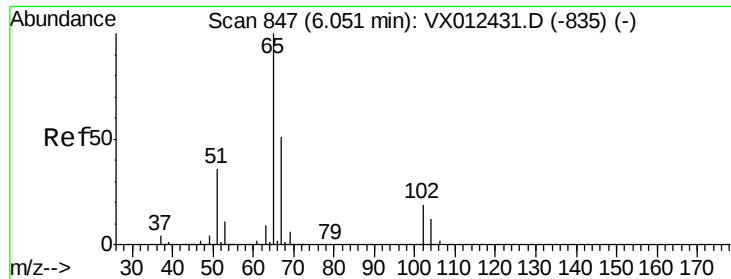
Tgt Ion: 56 Resp: 182012
Ion Ratio Lower Upper
56 100
69 30.8 25.0 37.6
84 84.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.289 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 97 Resp: 182572
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 45.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 52.089 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

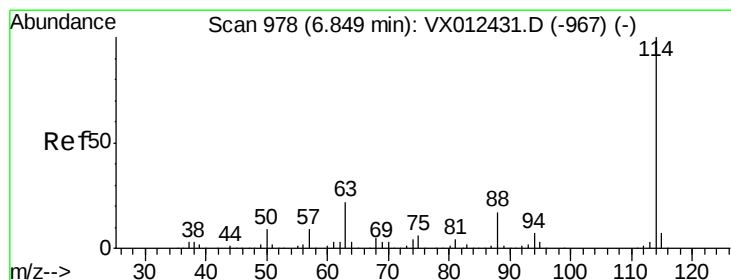
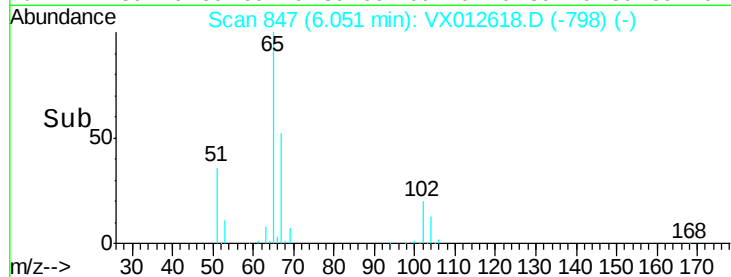
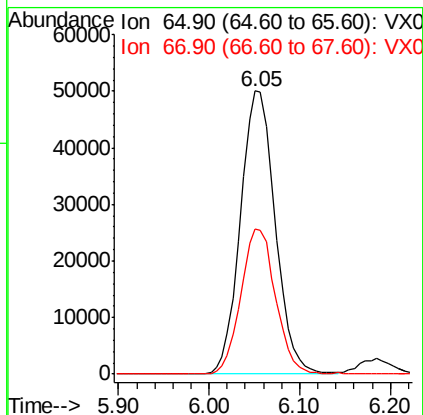
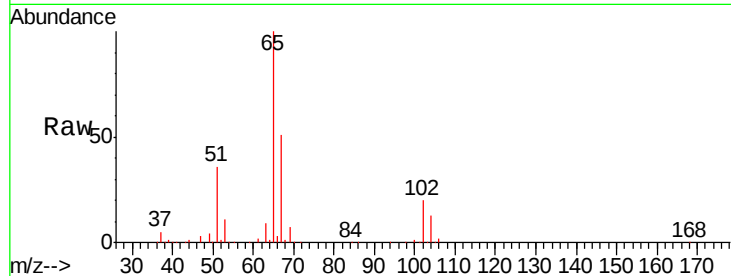
VSTDCCC050EC

Tgt Ion: 65 Resp: 132906

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

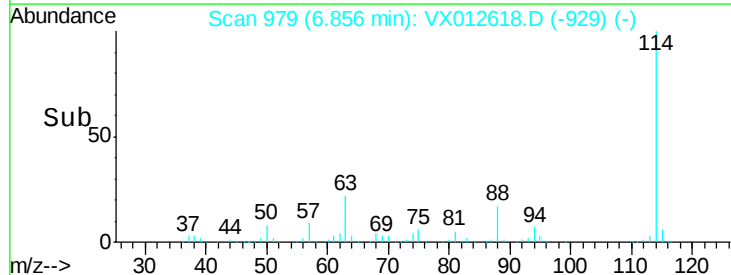
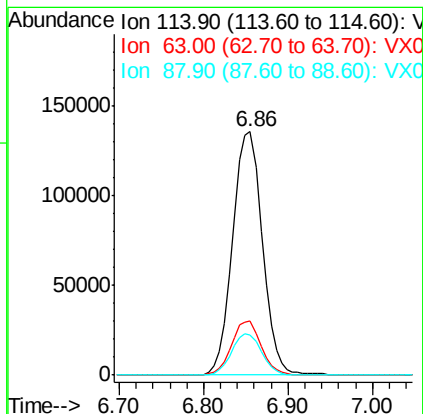
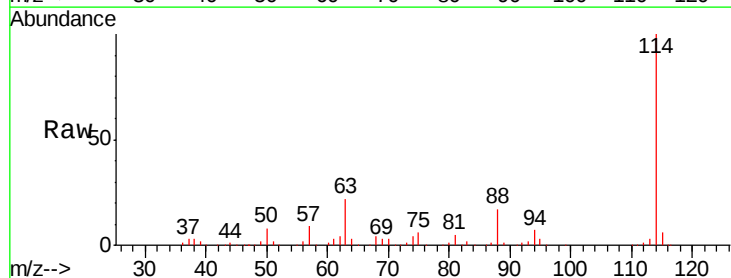
Tgt Ion: 114 Resp: 324518

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.394 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

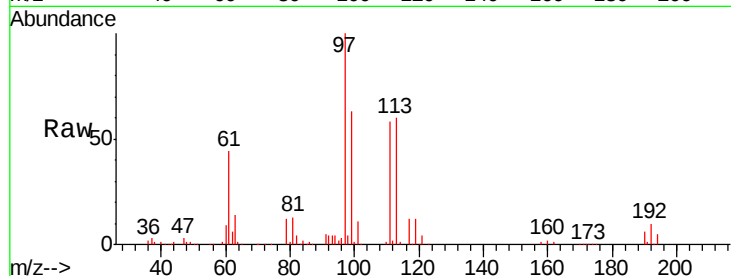
Tgt Ion:113 Resp: 97394

Ion Ratio Lower Upper

113 100

111 100.6 83.4 125.2

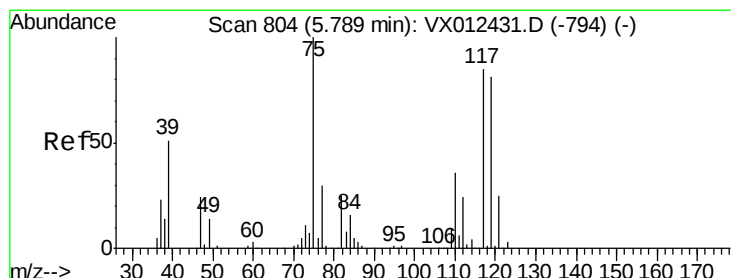
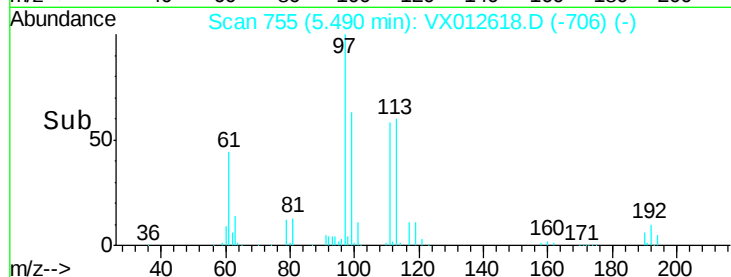
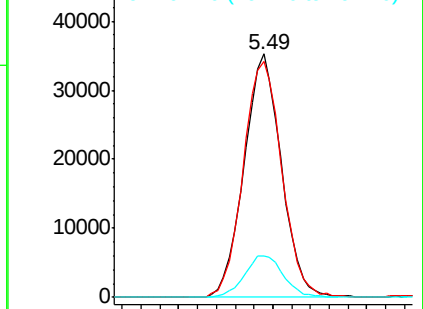
192 17.9 14.4 21.6



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: 48.927 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

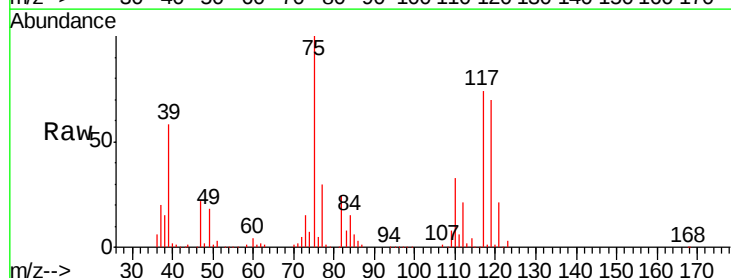
Tgt Ion: 75 Resp: 153043

Ion Ratio Lower Upper

75 100

110 34.1 16.7 50.0

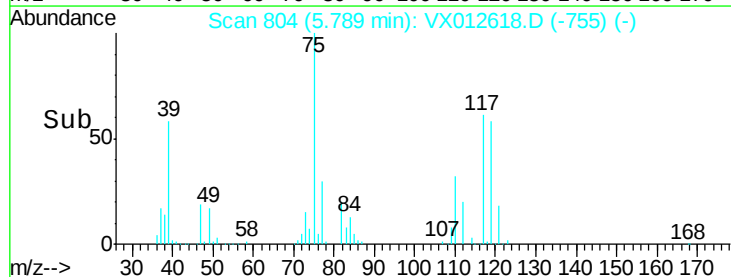
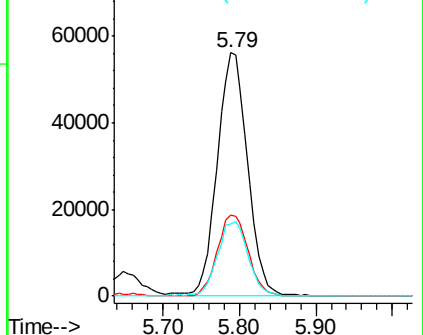
77 31.4 24.2 36.2

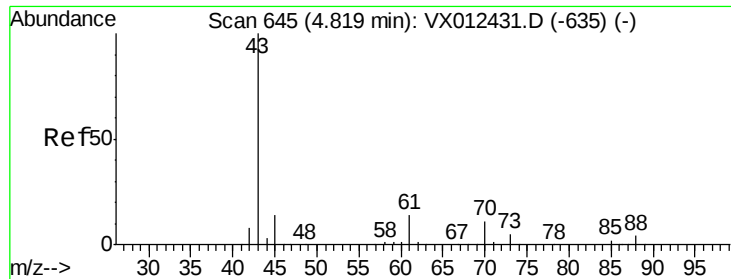


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

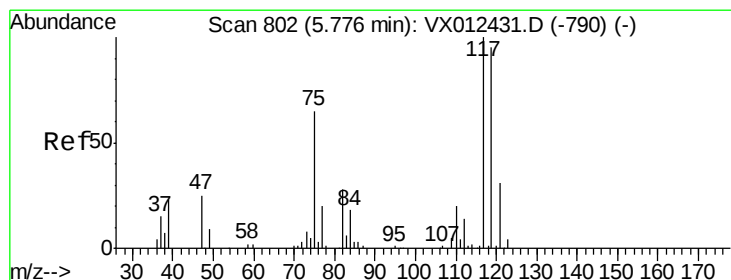
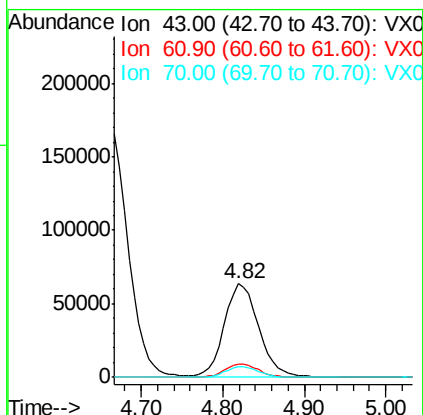
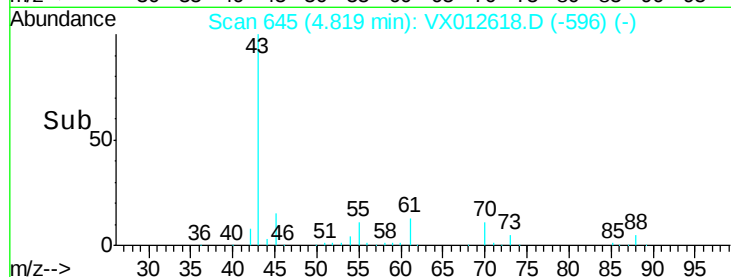
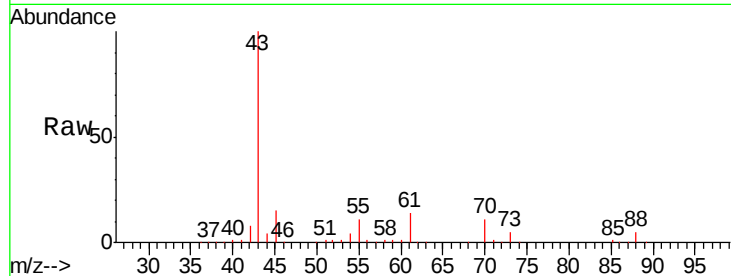




#37
Ethyl Acetate
Concen: 50.677 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

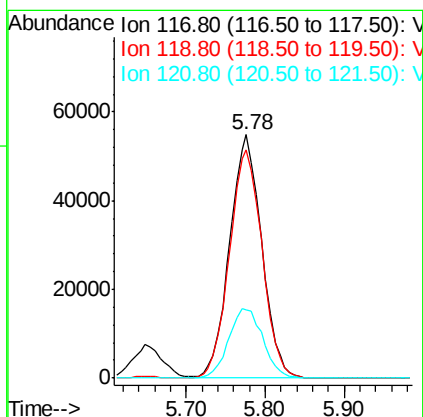
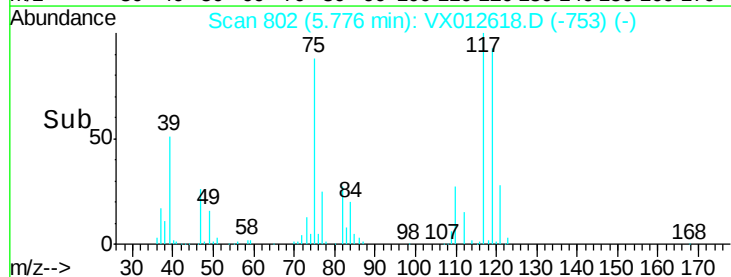
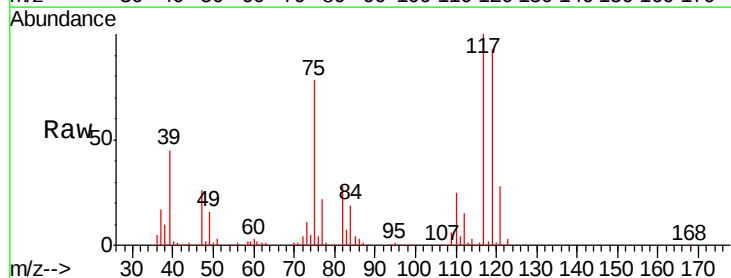
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

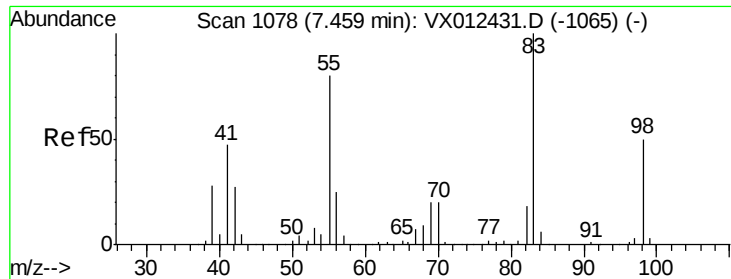
Tgt Ion: 43 Resp: 185325
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.4
70 11.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.864 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 117 Resp: 155266
Ion Ratio Lower Upper
117 100
119 93.5 75.7 113.5
121 28.3 24.2 36.4

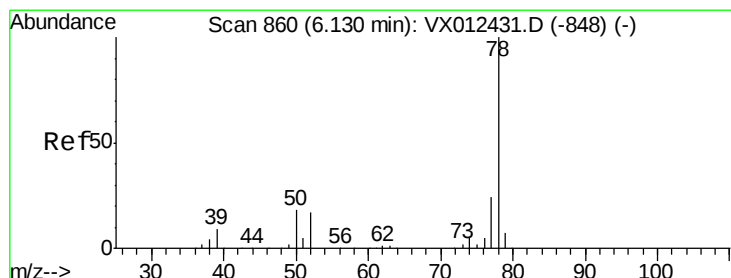
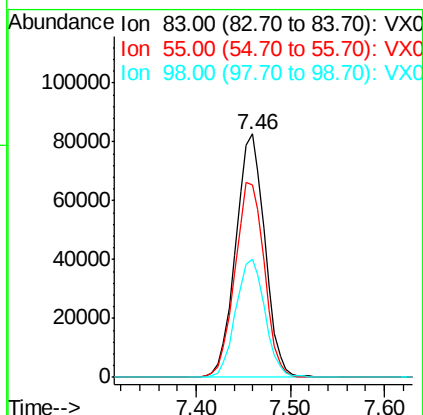
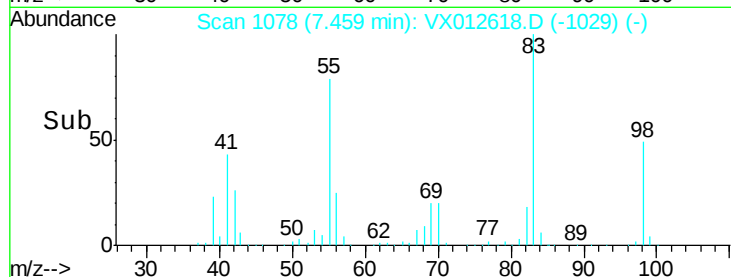
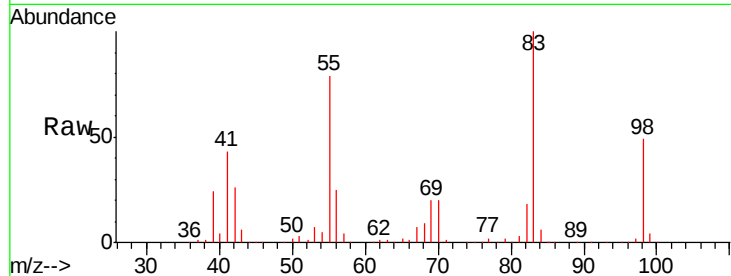




#39
Methylcyclohexane
Concen: 47.241 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

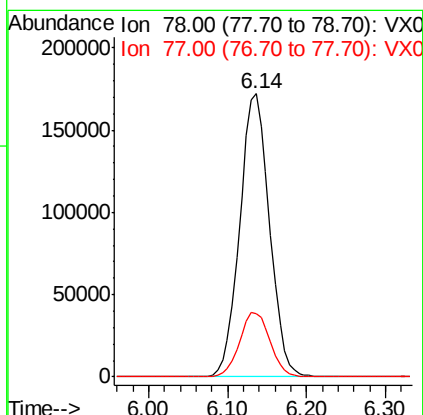
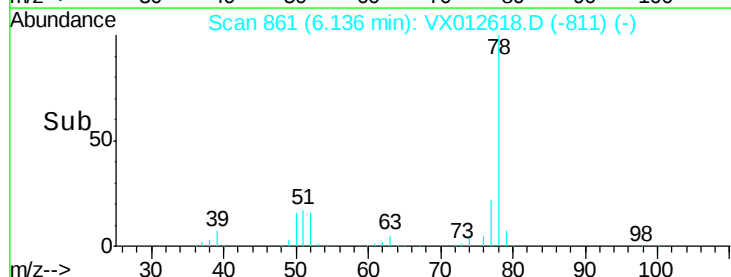
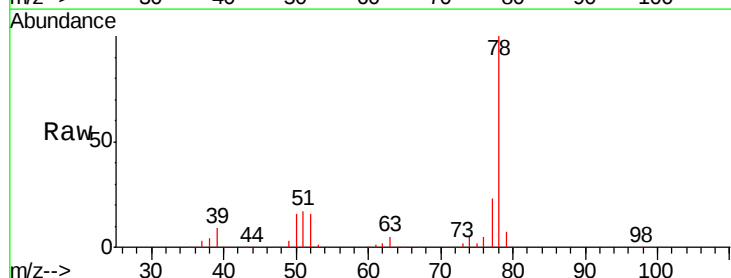
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

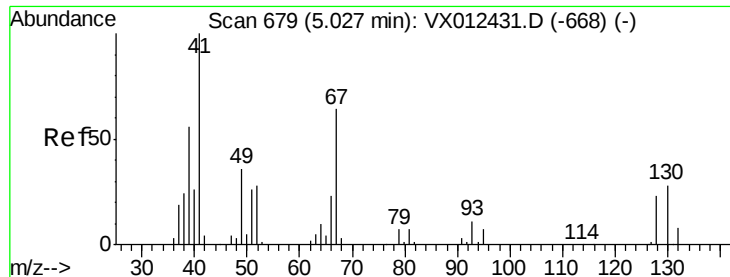
Tgt Ion: 83 Resp: 177897
Ion Ratio Lower Upper
83 100
55 79.0 64.4 96.6
98 48.7 40.1 60.1



#40
Benzene
Concen: 49.052 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 78 Resp: 451447
Ion Ratio Lower Upper
78 100
77 22.5 19.2 28.8





#41

Methacrylonitrile

Concen: 48.738 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 100002

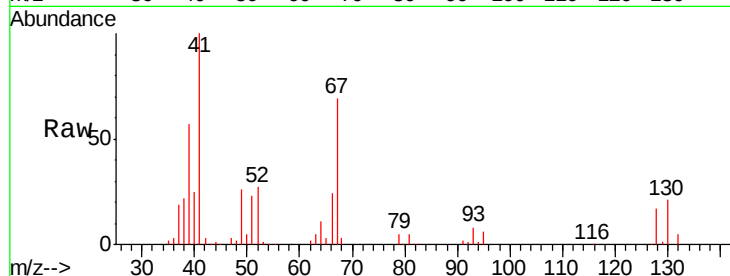
Ion Ratio Lower Upper

41 100

39 56.9 46.0 69.0

67 71.1 52.2 78.2

52 29.8 22.7 34.1

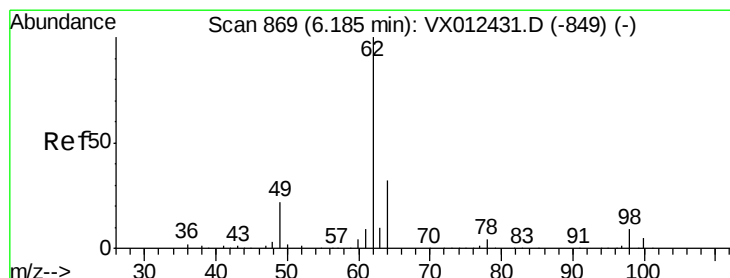
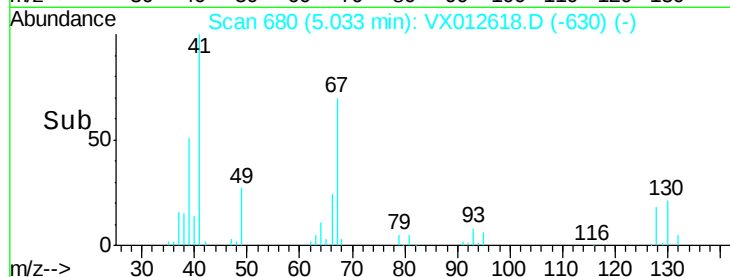
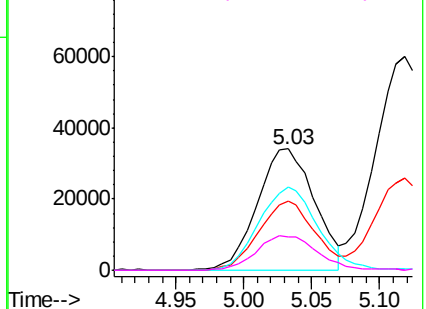


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.577 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012618.D

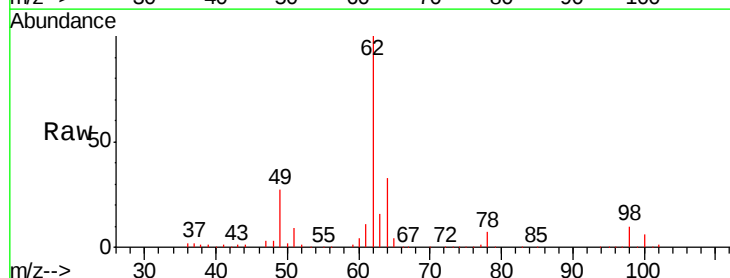
Acq: 23 Sep 2019 20:38

Tgt Ion: 62 Resp: 173269

Ion Ratio Lower Upper

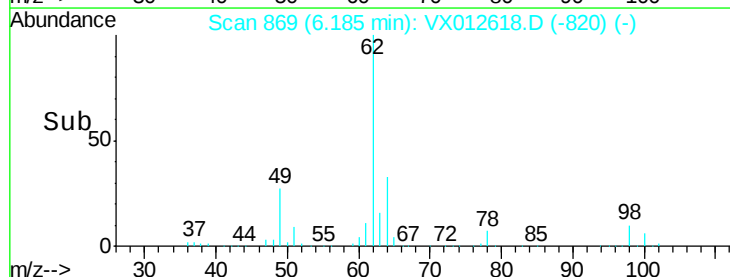
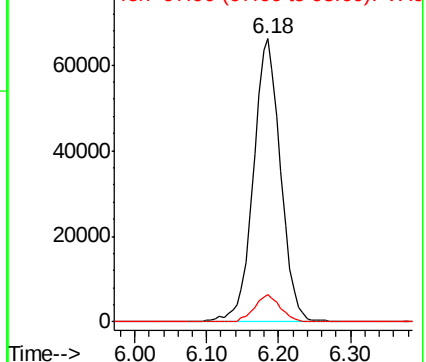
62 100

98 9.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.324 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

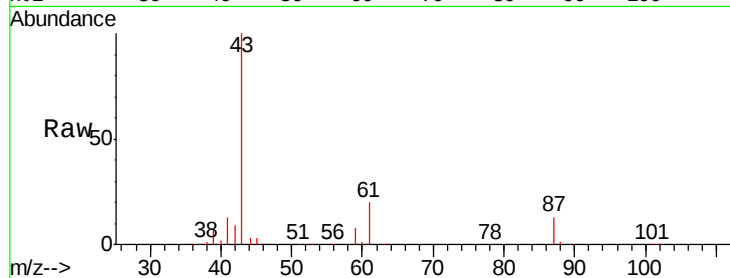
Tgt Ion: 43 Resp: 301644

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

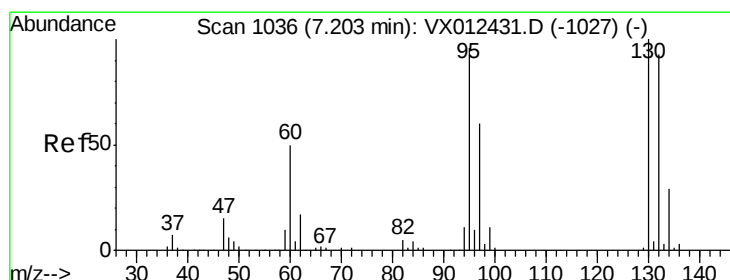
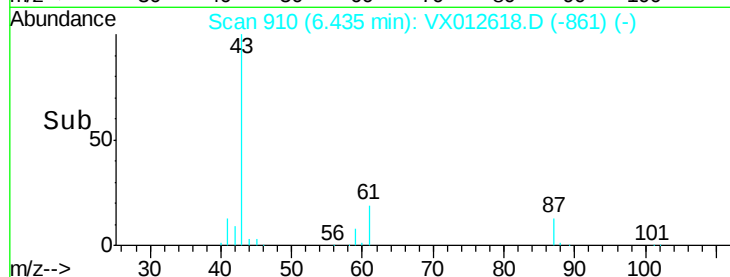
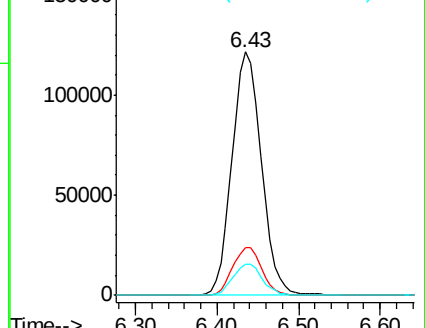
87 12.9 9.8 14.8



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: 47.915 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012618.D

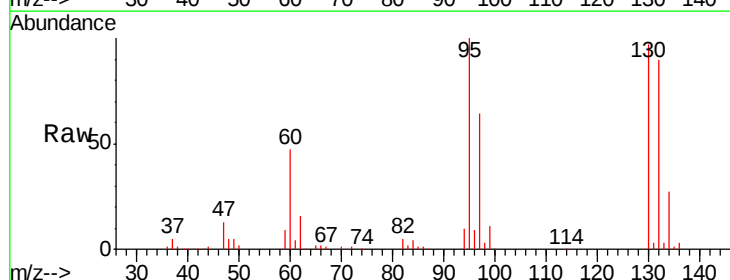
Acq: 23 Sep 2019 20:38

Tgt Ion: 130 Resp: 112735

Ion Ratio Lower Upper

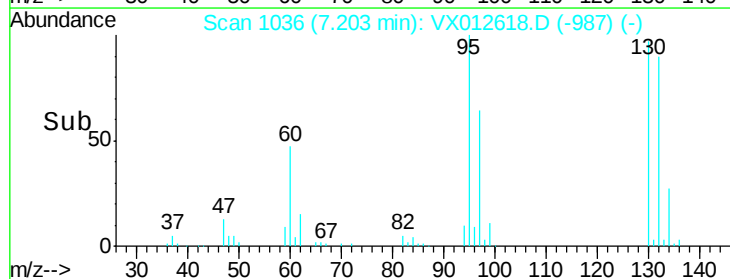
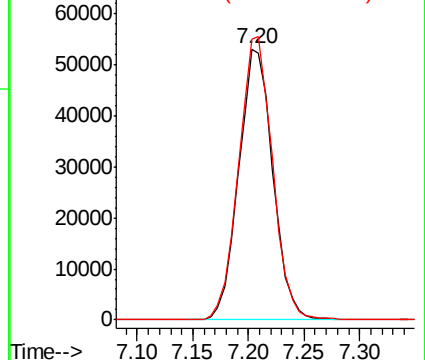
130 100

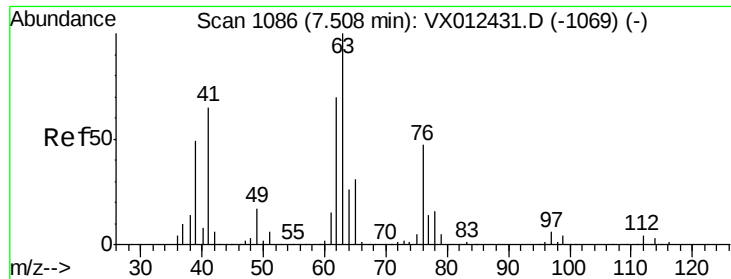
95 103.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.311 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

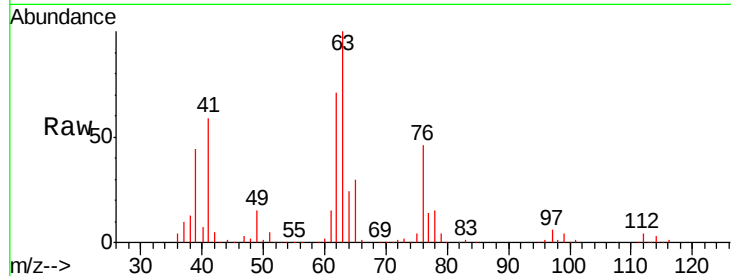
VSTDCCC050EC

Tgt Ion: 63 Resp: 118547

Ion Ratio Lower Upper

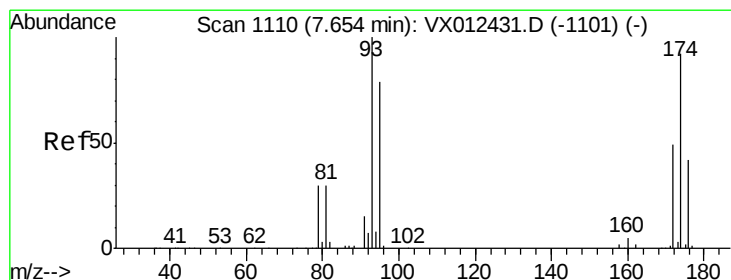
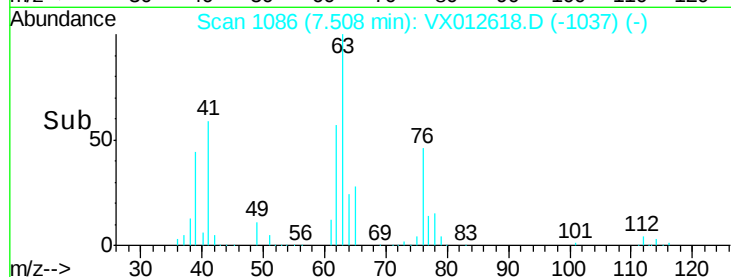
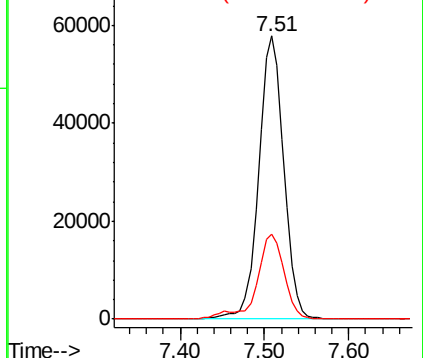
63 100

65 29.9 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: 49.585 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

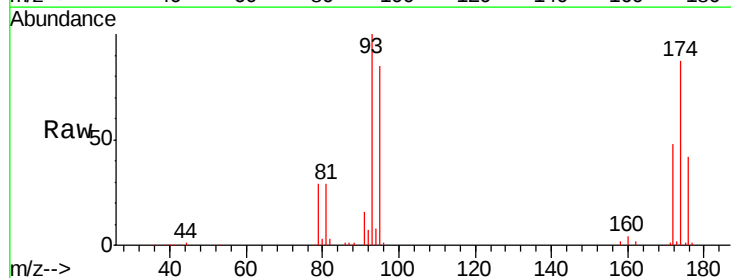
Tgt Ion: 93 Resp: 79549

Ion Ratio Lower Upper

93 100

95 81.2 66.6 100.0

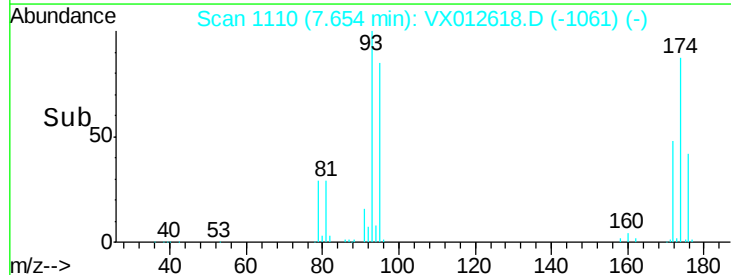
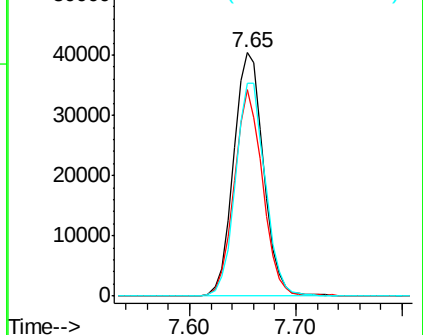
174 87.3 77.4 116.0

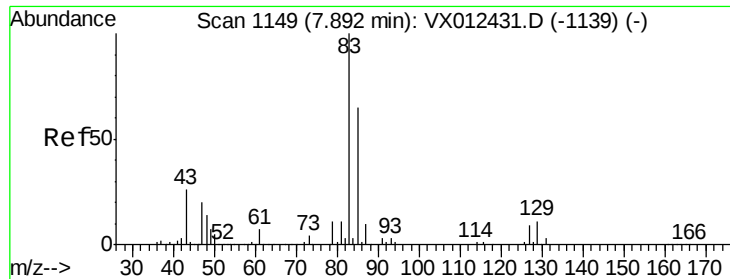


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.933 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

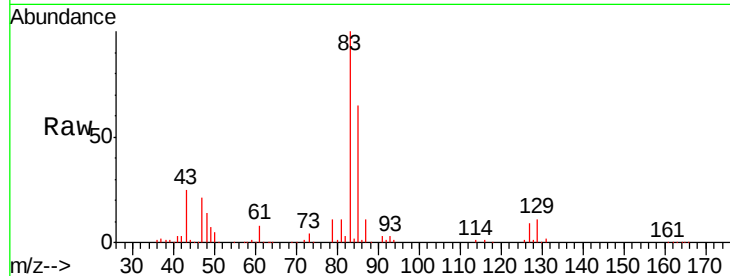
Tgt Ion: 83 Resp: 156897

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

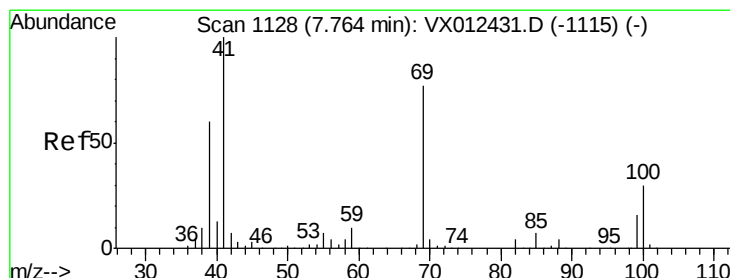
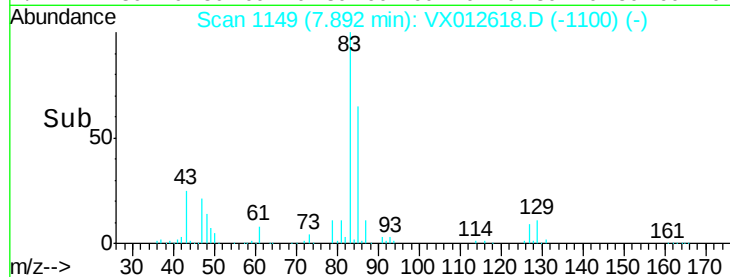
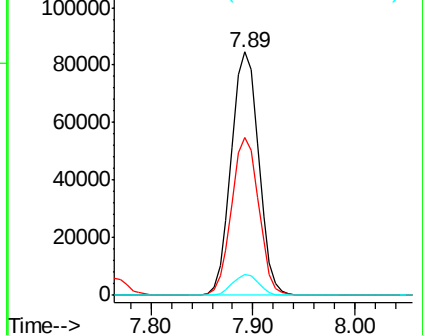
127 8.6 7.3 10.9



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: 49.016 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

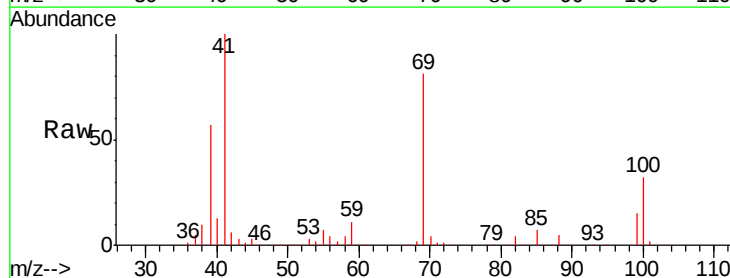
Tgt Ion: 41 Resp: 143735

Ion Ratio Lower Upper

41 100

69 81.2 59.9 89.9

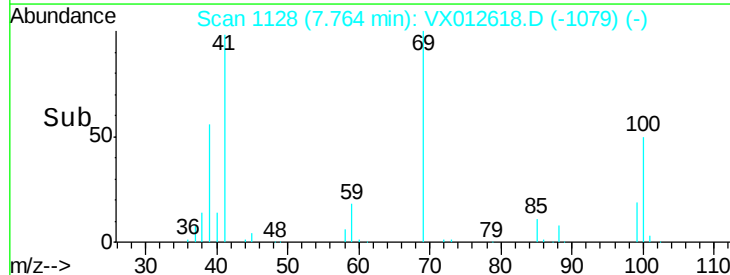
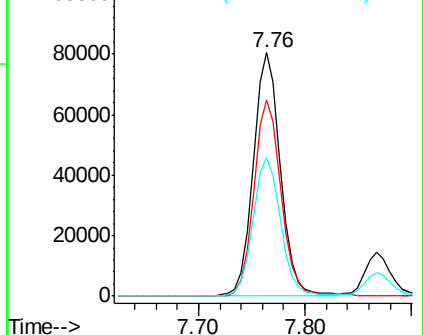
39 58.4 47.8 71.6

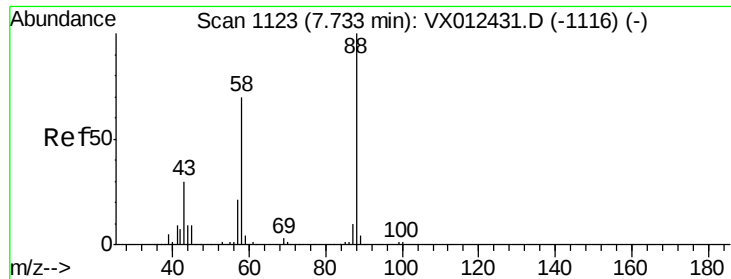


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1037.710 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

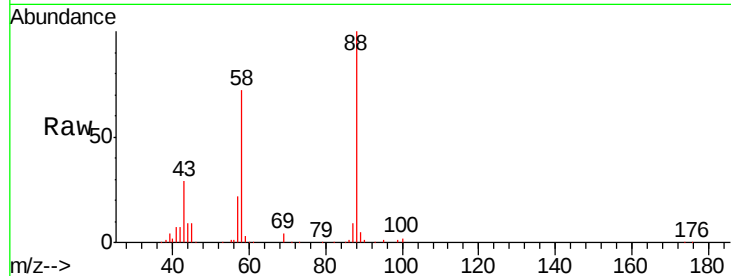
Tgt Ion: 88 Resp: 69020

Ion Ratio Lower Upper

88 100

43 34.1 29.4 44.0

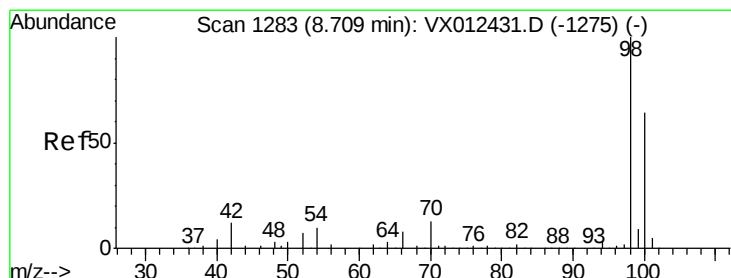
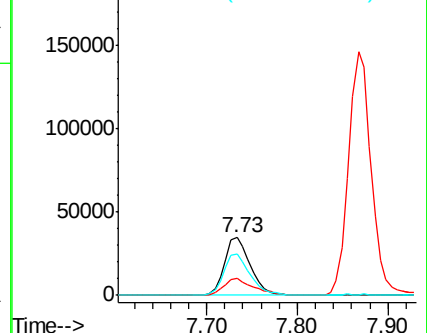
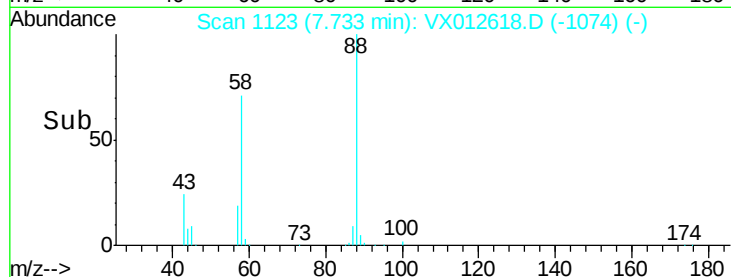
58 73.5 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.884 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012618.D

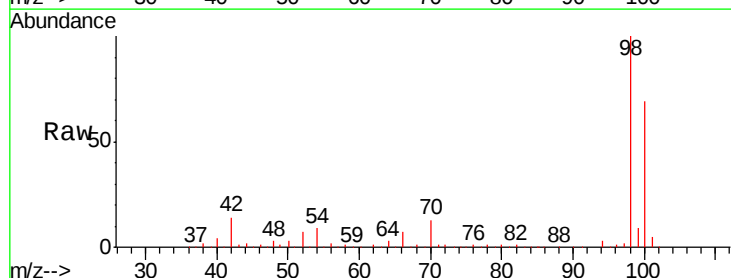
Acq: 23 Sep 2019 20:38

Tgt Ion: 98 Resp: 363834

Ion Ratio Lower Upper

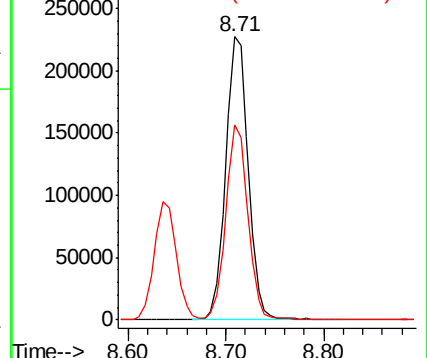
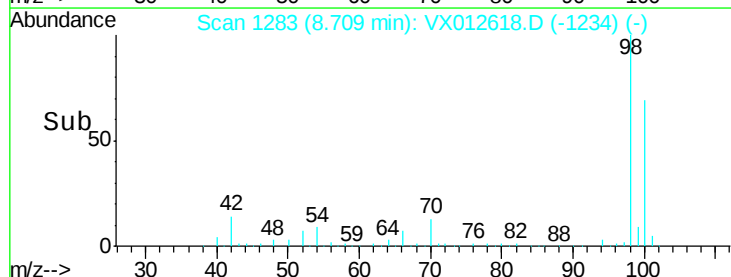
98 100

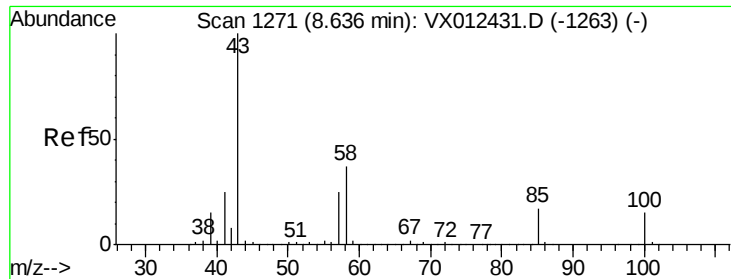
100 67.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 250.337 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

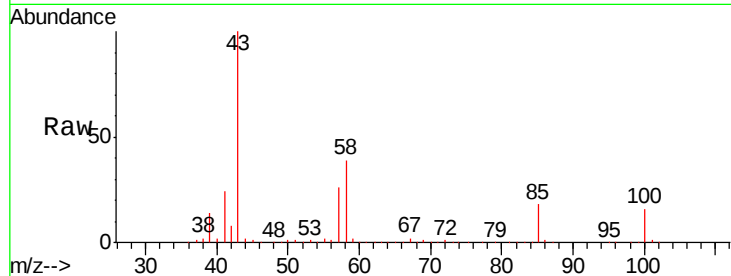
VSTDCCC050EC

Tgt Ion: 43 Resp: 945036

Ion Ratio Lower Upper

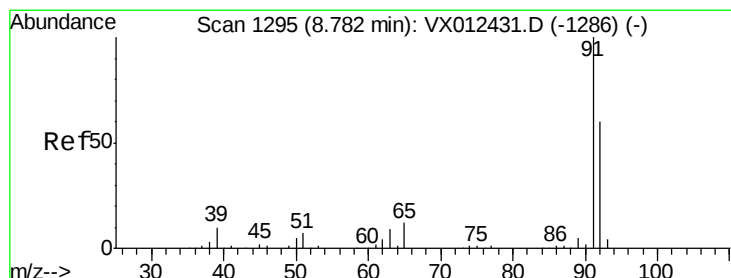
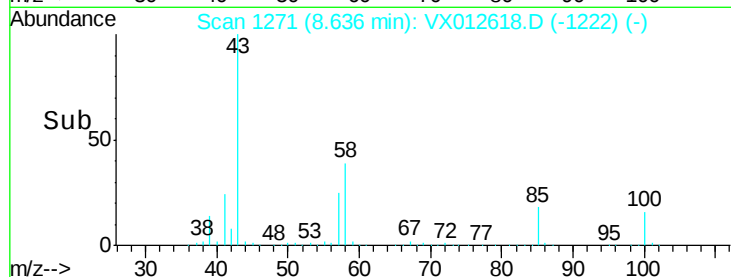
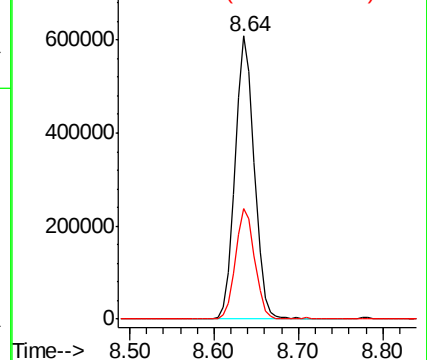
43 100

58 38.9 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.500 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012618.D

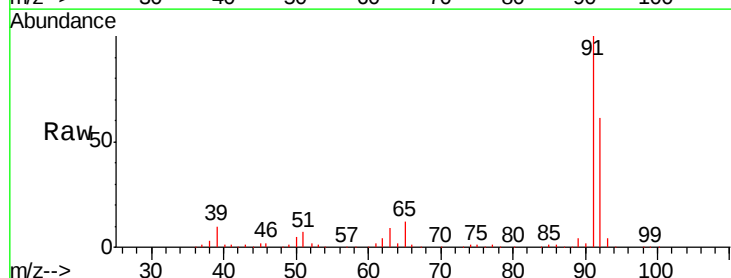
Acq: 23 Sep 2019 20:38

Tgt Ion: 92 Resp: 286329

Ion Ratio Lower Upper

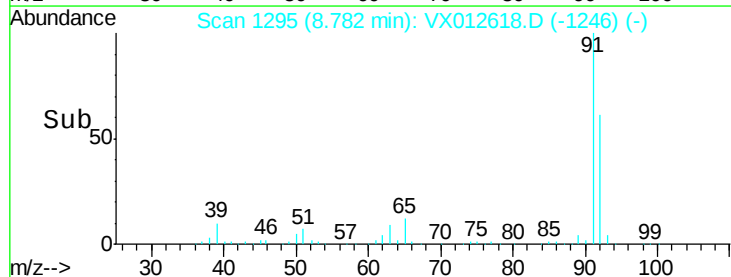
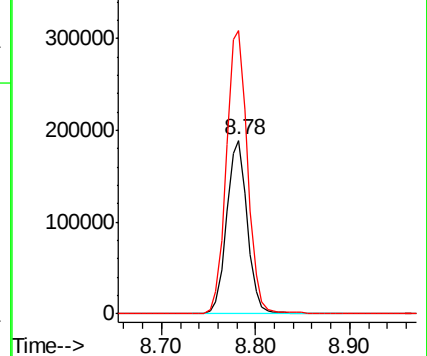
92 100

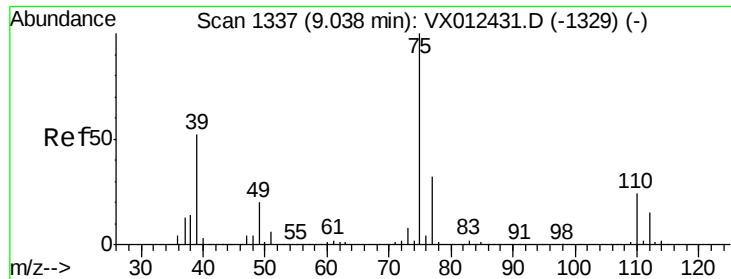
91 168.3 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

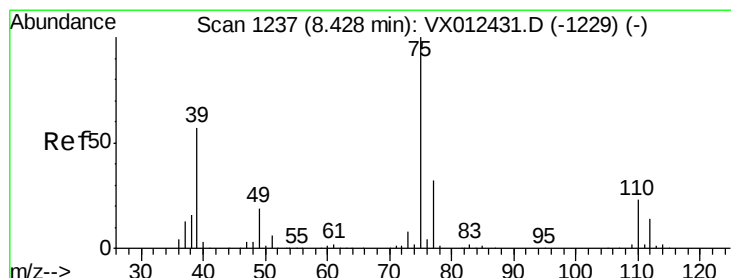
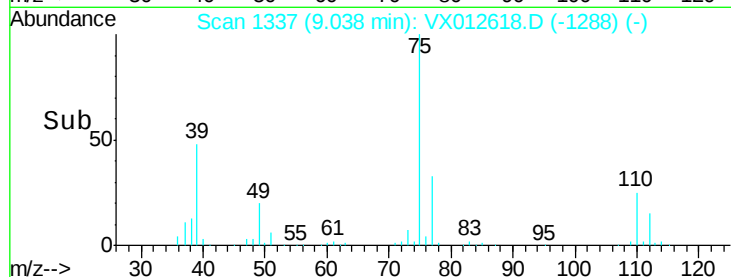
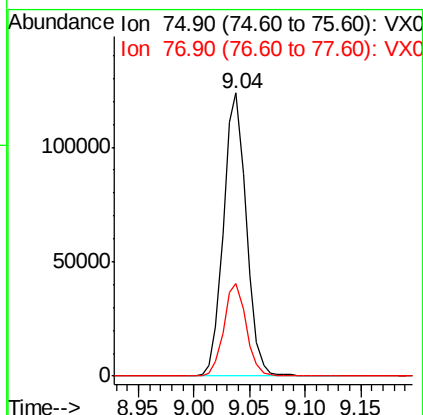
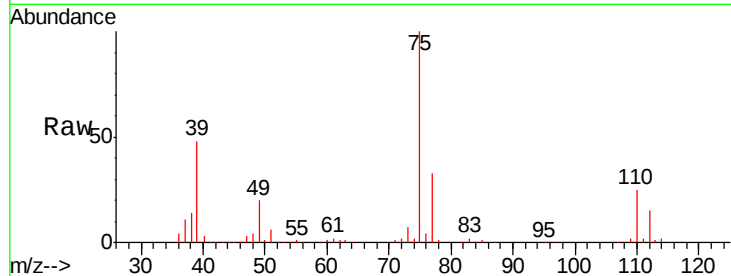




#53
 t-1,3-Dichloropropene
 Concen: 49.521 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

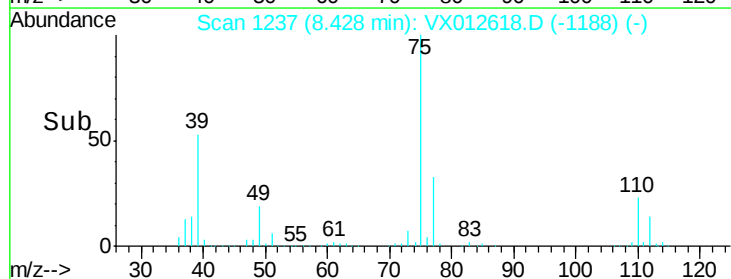
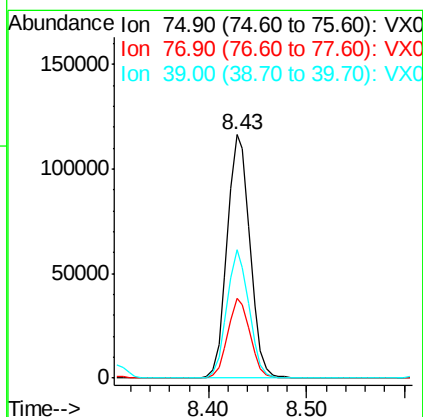
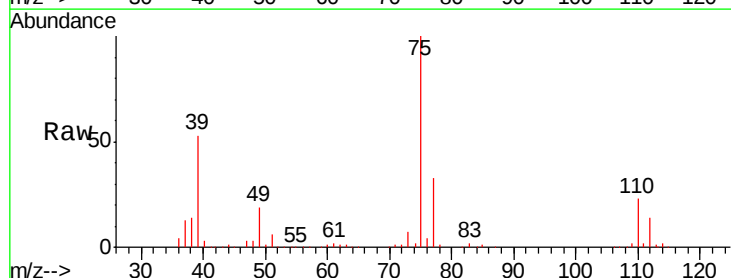
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

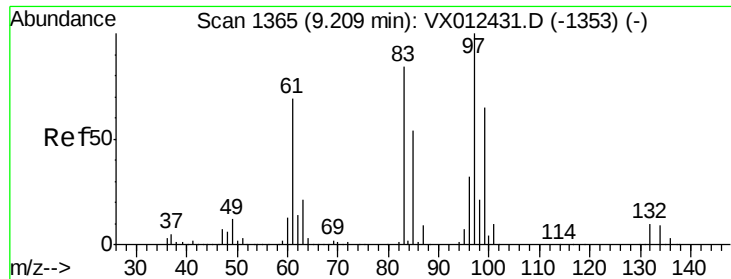
Tgt Ion: 75 Resp: 175681
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.766 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion: 75 Resp: 188889
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.8
 39 52.7 45.5 68.3

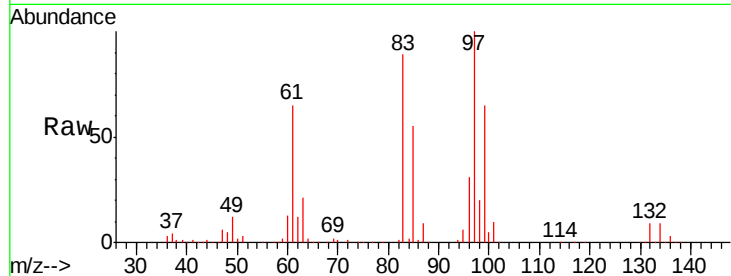




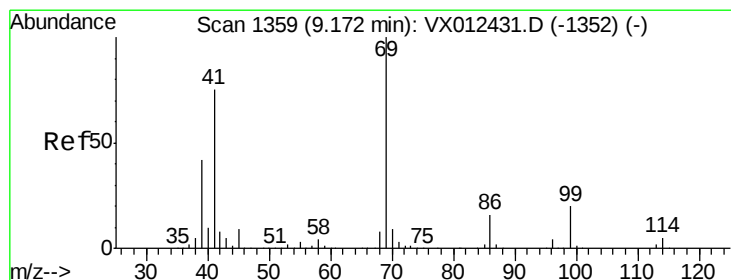
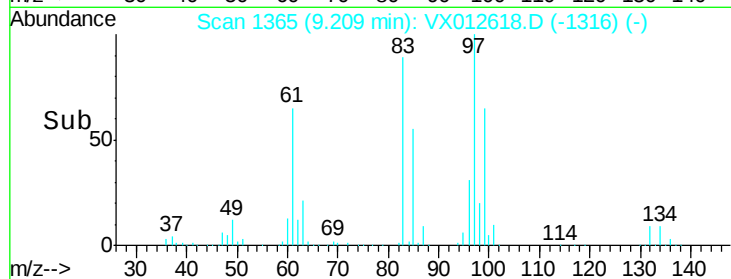
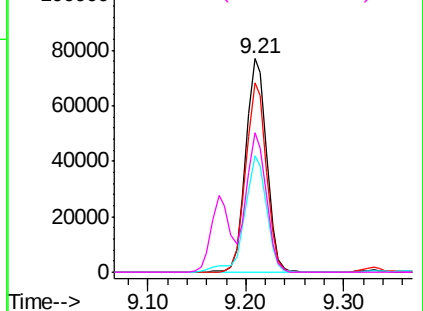
#55
 1,1,2-Trichloroethane
 Concen: 49.687 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	114267
Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.4	101.2
85	54.8	43.5	65.3
99	65.2	51.8	77.8

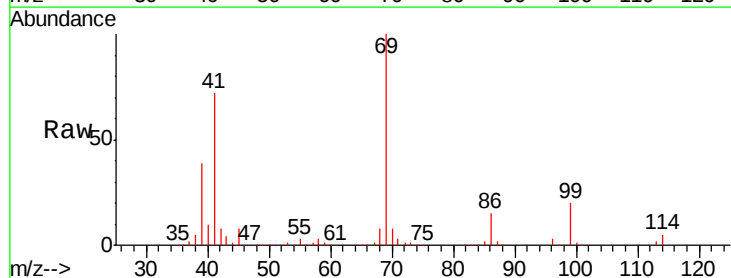


Abundance Ion 96.90 (96.60 to 97.60): VX0
 120000
 Ion 82.90 (82.60 to 83.60): VX0
 100000
 Ion 84.90 (84.60 to 85.60): VX0
 80000
 Ion 98.90 (98.60 to 99.60): VX0
 60000
 40000
 20000
 0

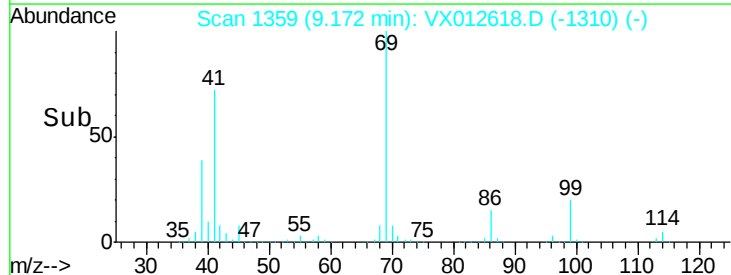
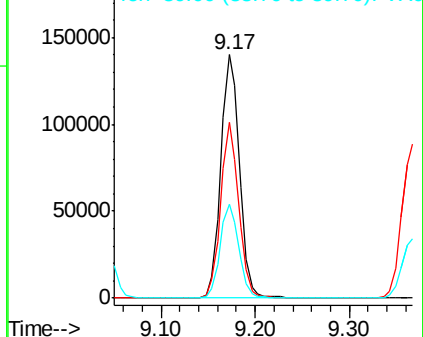


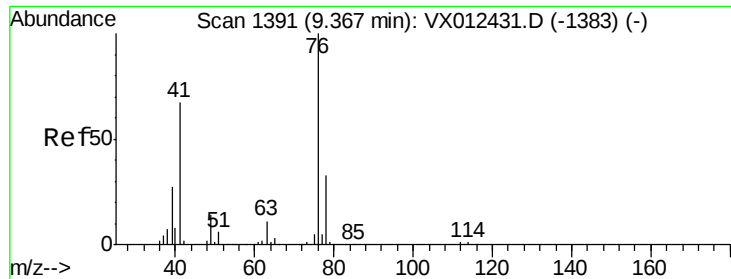
#56
 Ethyl methacrylate
 Concen: 49.909 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion:	69	Resp:	192828
Ion	Ratio	Lower	Upper
69	100		
41	69.1	58.4	87.6
39	38.3	33.4	50.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 150000
 Ion 41.00 (40.70 to 41.70): VX0
 100000
 Ion 39.00 (38.70 to 39.70): VX0
 50000
 0





#57

1,3-Dichloropropane

Concen: 49.873 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

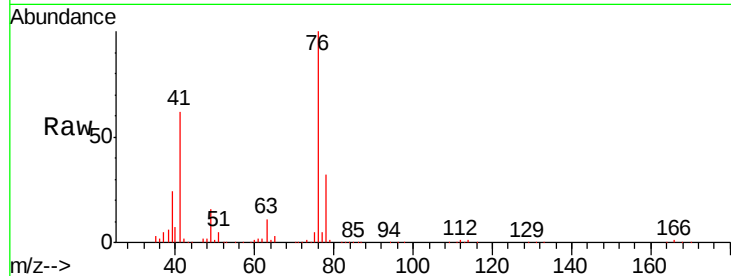
VSTDCCC050EC

Tgt Ion: 76 Resp: 200733

Ion Ratio Lower Upper

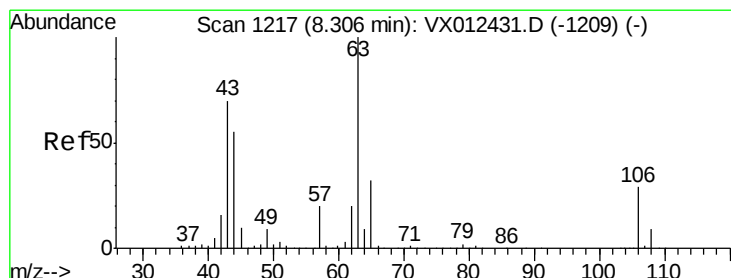
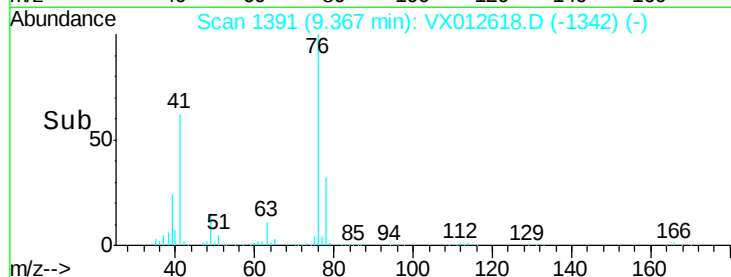
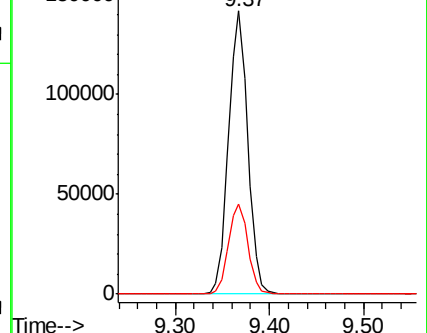
76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 258.393 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012618.D

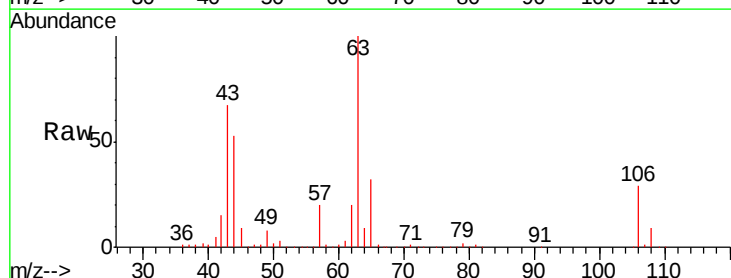
Acq: 23 Sep 2019 20:38

Tgt Ion: 63 Resp: 448118

Ion Ratio Lower Upper

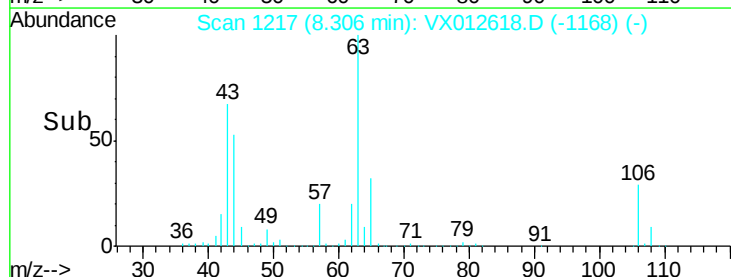
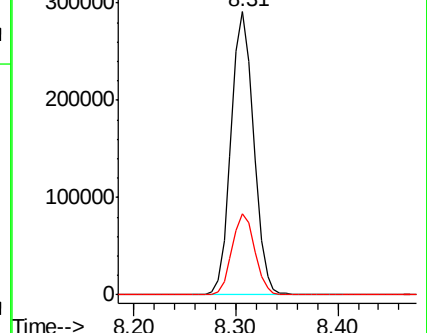
63 100

106 28.9 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

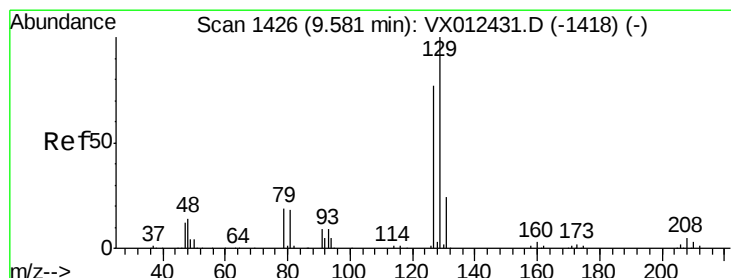
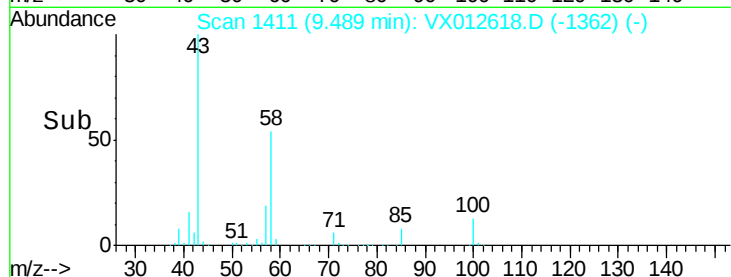
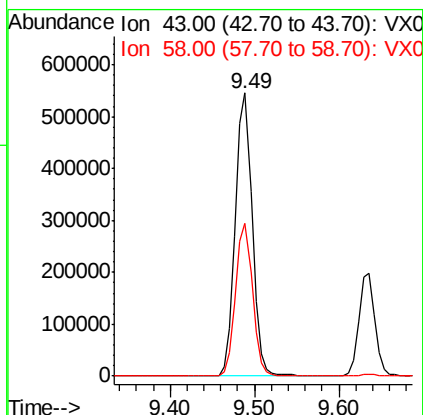
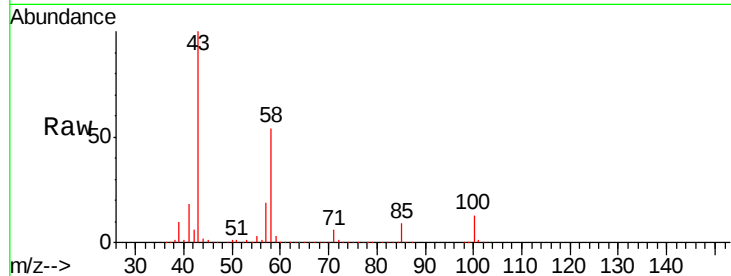




#59
2-Hexanone
Concen: 253.398 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

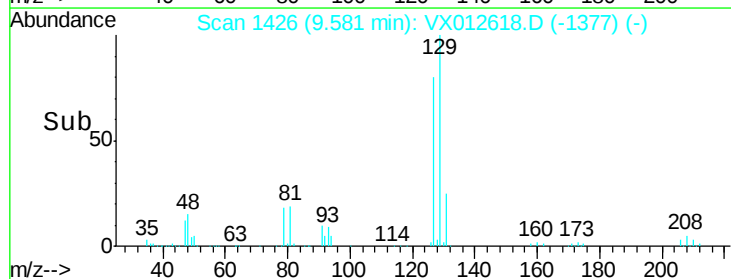
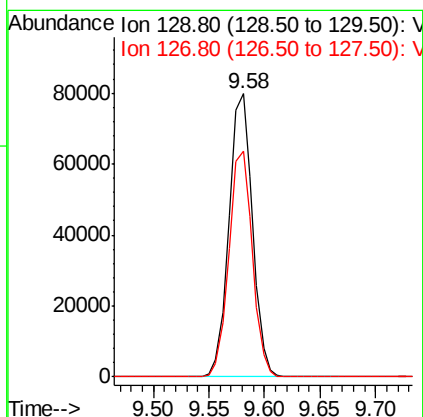
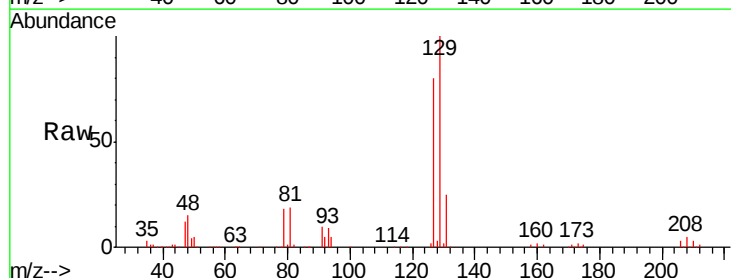
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

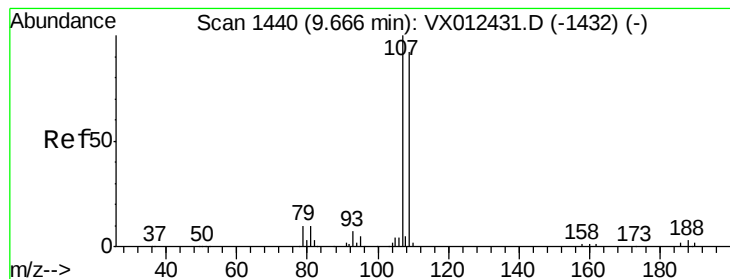
Tgt Ion: 43 Resp: 732211
Ion Ratio Lower Upper
43 100
58 54.0 25.7 77.1



#60
Dibromochloromethane
Concen: 50.040 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 129 Resp: 116493
Ion Ratio Lower Upper
129 100
127 79.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.851 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

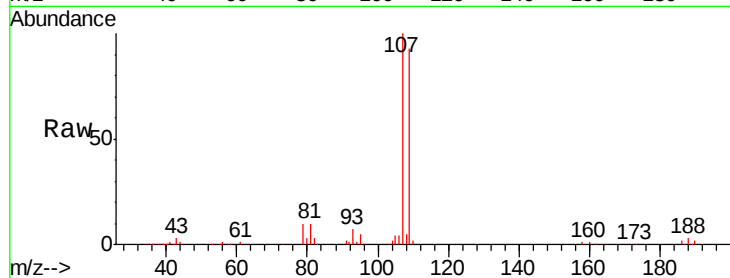
VSTDCCC050EC

Tgt Ion: 107 Resp: 121706

Ion Ratio Lower Upper

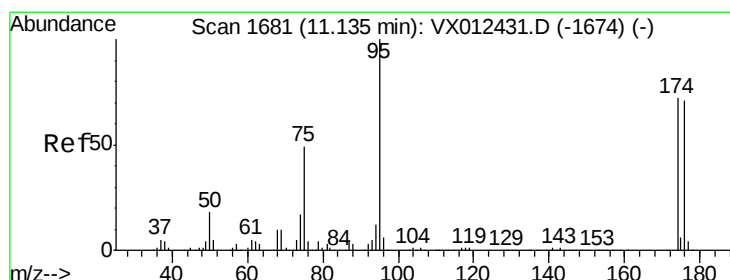
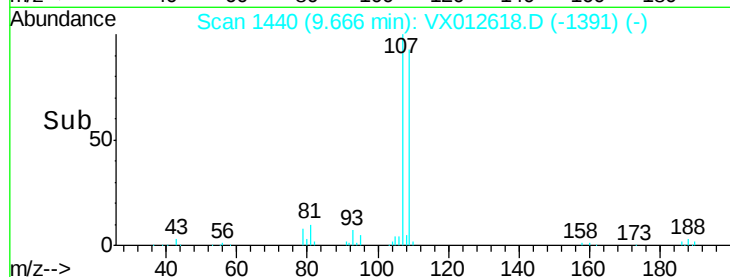
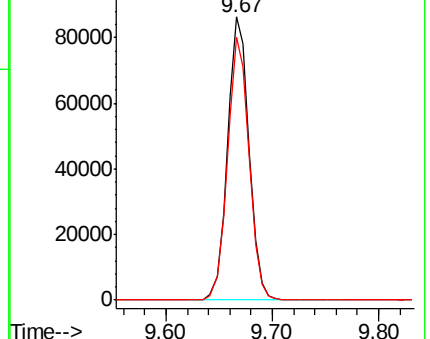
107 100

109 93.0 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.719 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

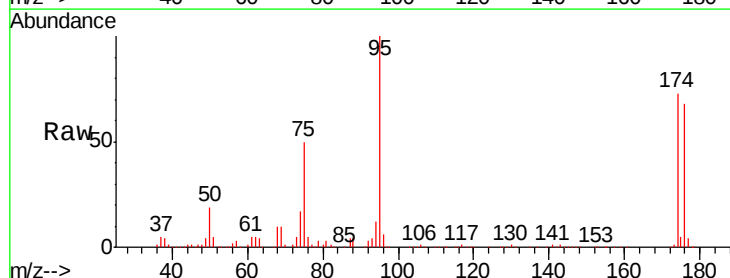
Tgt Ion: 95 Resp: 142576

Ion Ratio Lower Upper

95 100

174 67.7 0.0 140.0

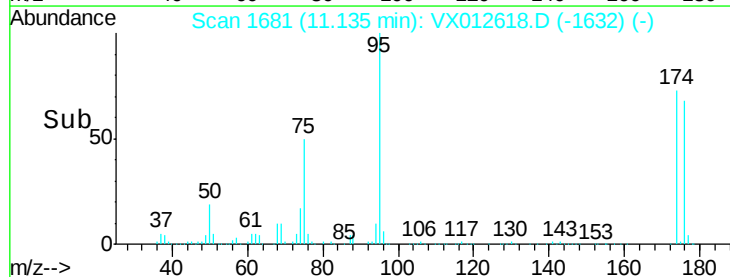
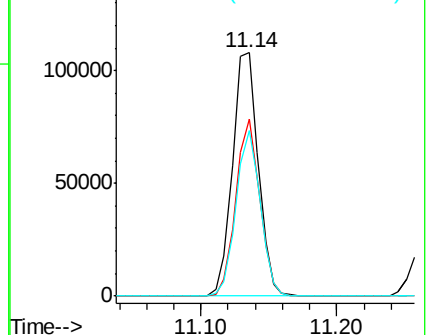
176 64.0 0.0 135.4

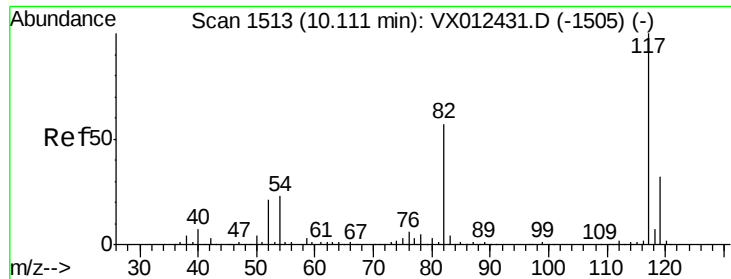


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

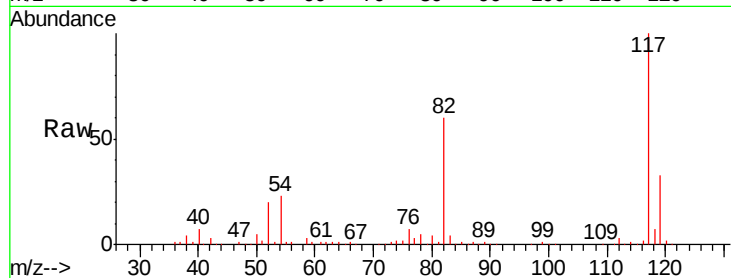




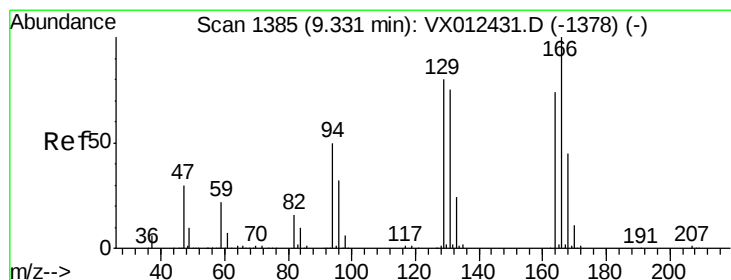
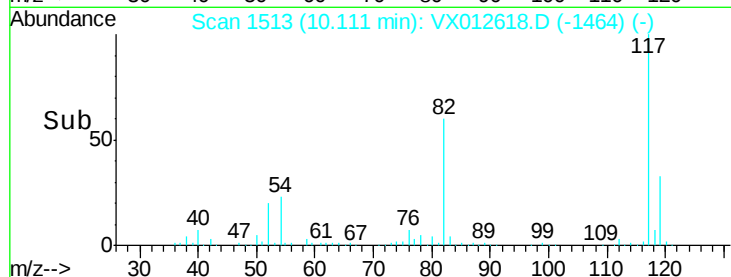
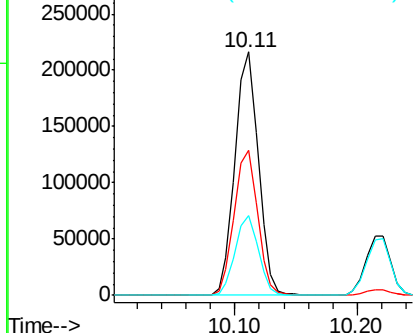
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 287079
Ion Ratio Lower Upper
117 100
82 59.7 45.9 68.9
119 32.8 25.3 37.9

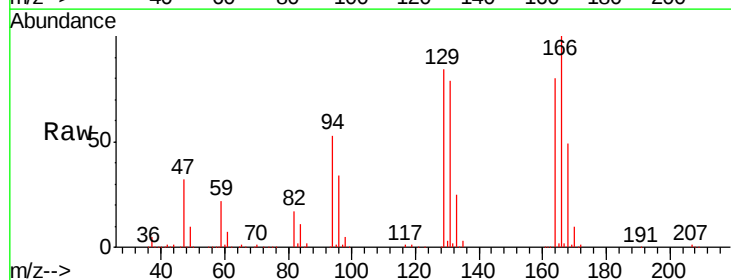


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

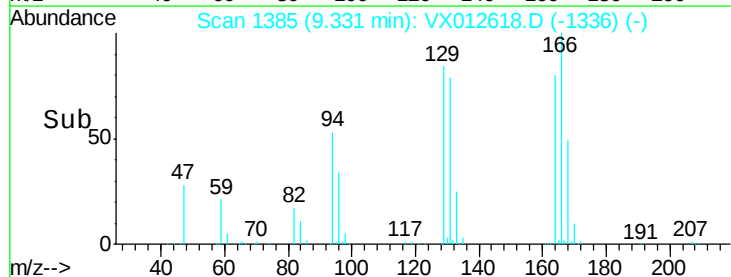
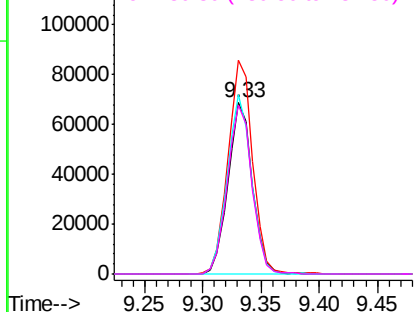


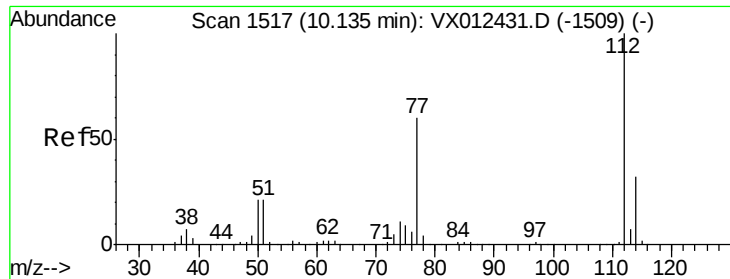
#64
Tetrachloroethene
Concen: 49.831 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion:164 Resp: 99741
Ion Ratio Lower Upper
164 100
166 124.9 107.8 161.6
129 104.5 86.2 129.2
131 99.0 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

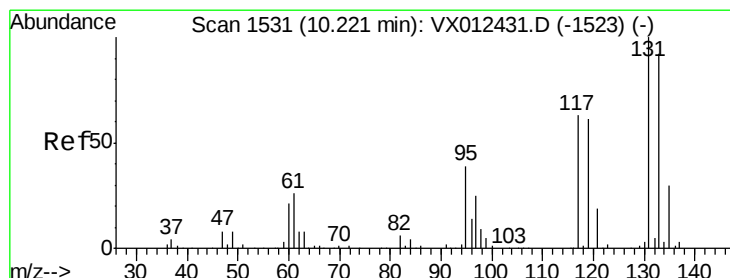
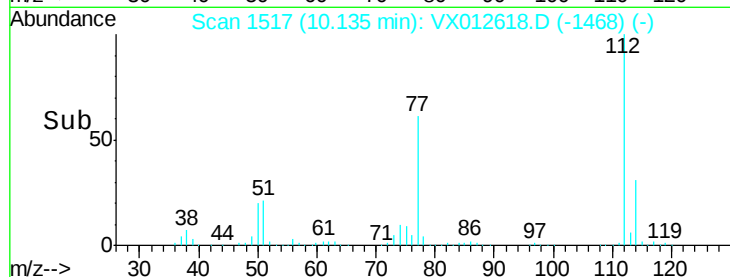
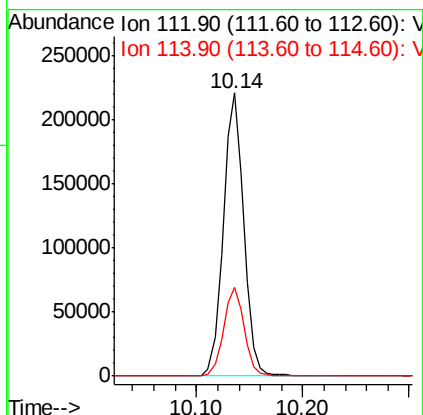
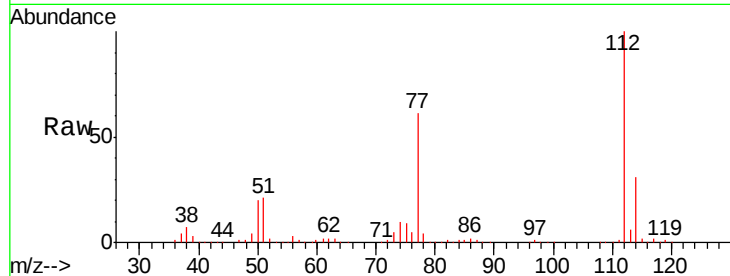




#65
Chlorobenzene
Concen: 48.854 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

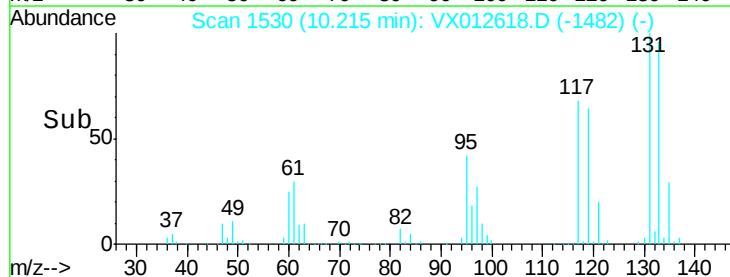
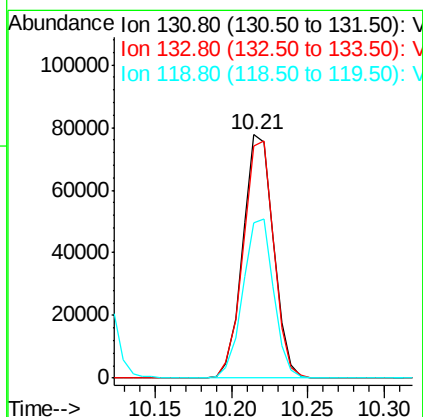
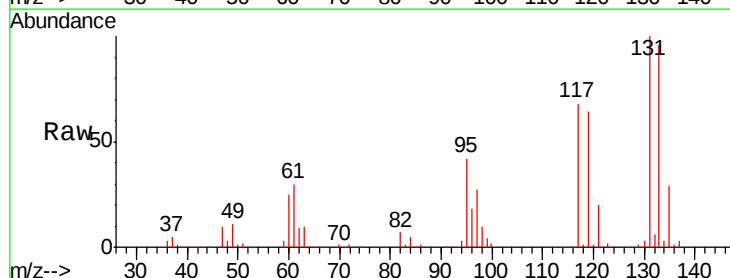
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

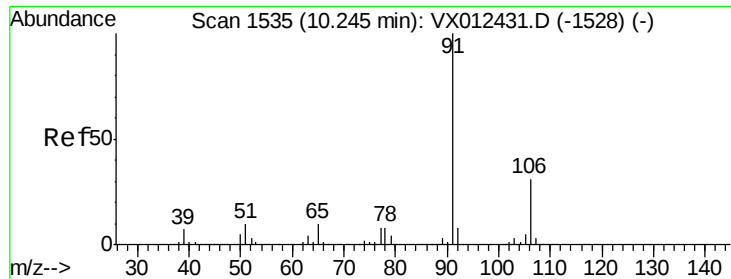
Tgt Ion:112 Resp: 295340
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.374 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion:131 Resp: 108146
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 65.3 31.3 93.8

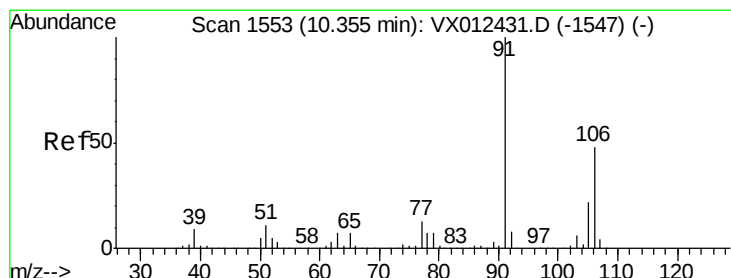
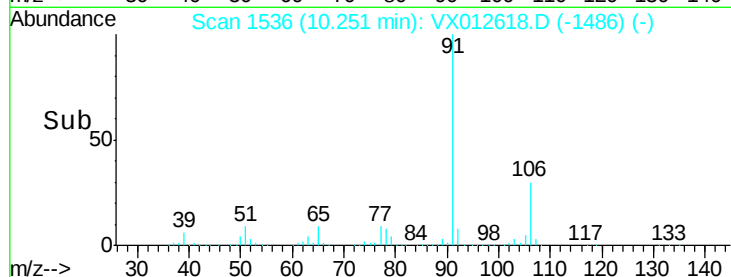
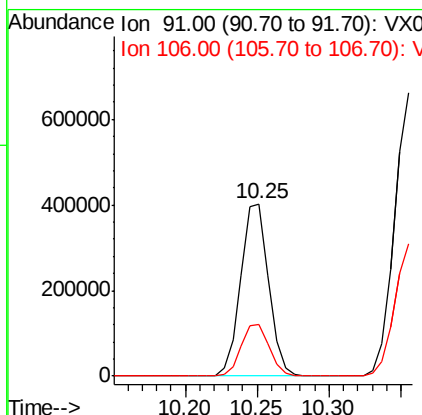
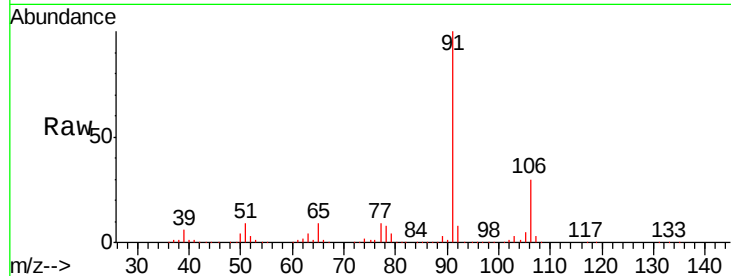




#67
Ethyl Benzene
Concen: 49.698 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

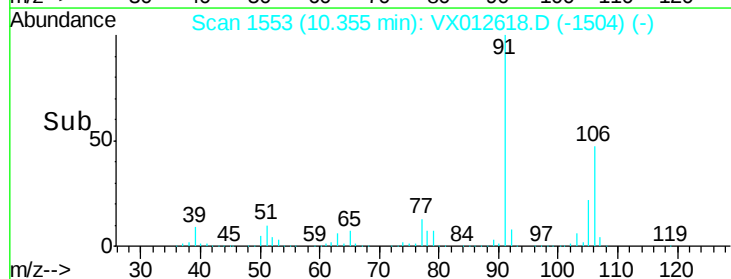
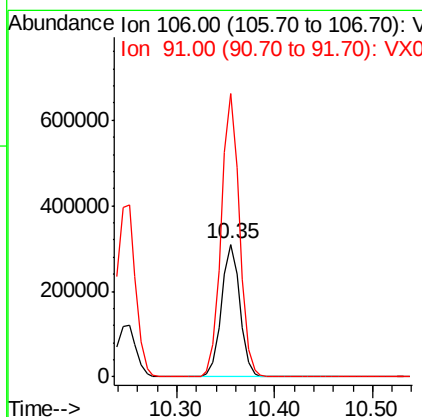
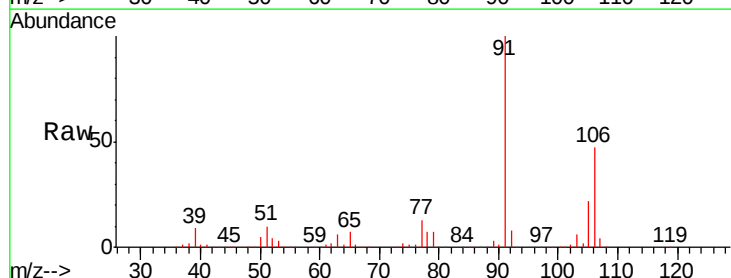
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

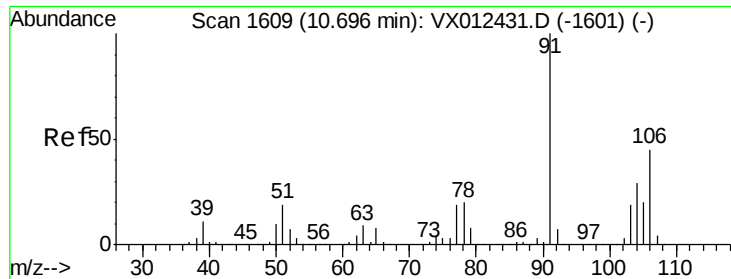
Tgt Ion: 91 Resp: 544913
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0



#68
m/p-Xylenes
Concen: 98.646 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 106 Resp: 405173
Ion Ratio Lower Upper
106 100
91 210.5 166.6 250.0

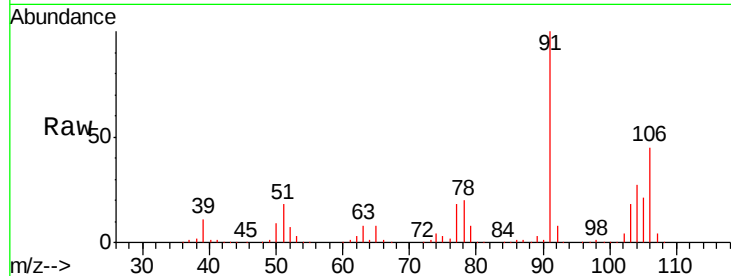




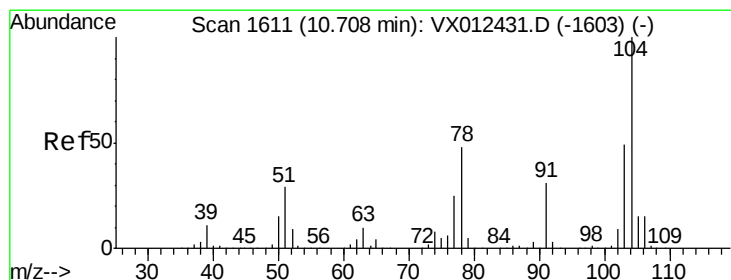
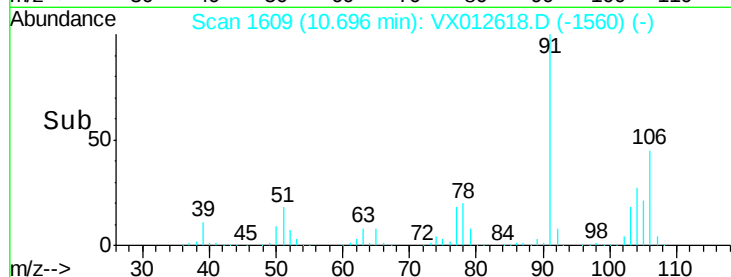
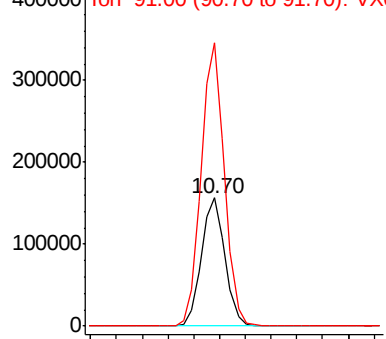
#69
o-Xylene
Concen: 50.109 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 199152
Ion Ratio Lower Upper
106 100
91 219.5 109.4 328.2

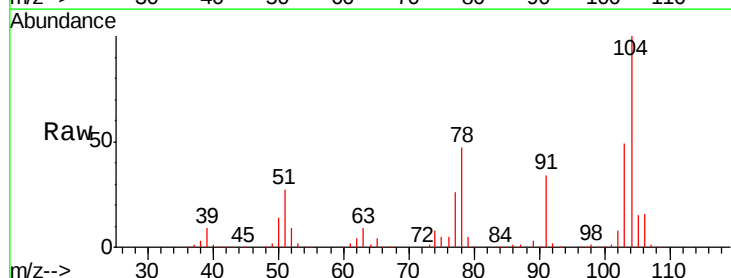


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

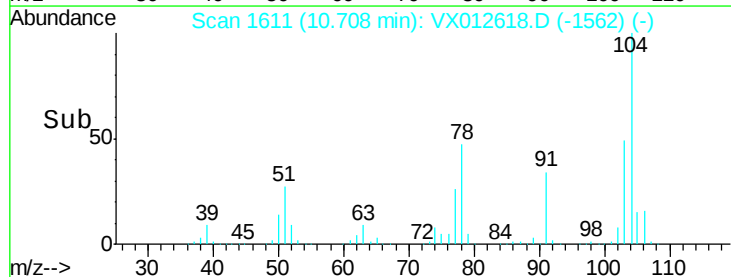
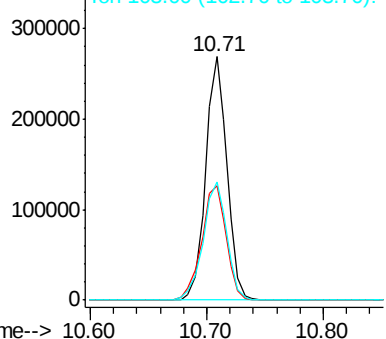


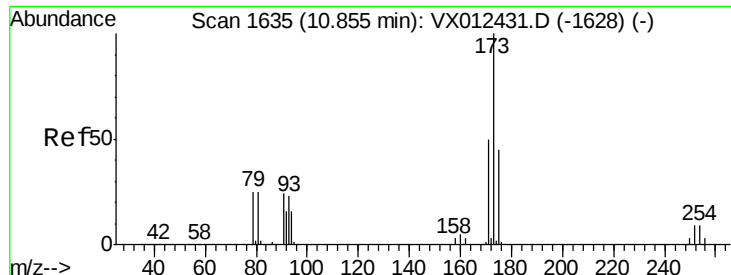
#70
Styrene
Concen: 51.321 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion:104 Resp: 341938
Ion Ratio Lower Upper
104 100
78 54.1 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: 50.984 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

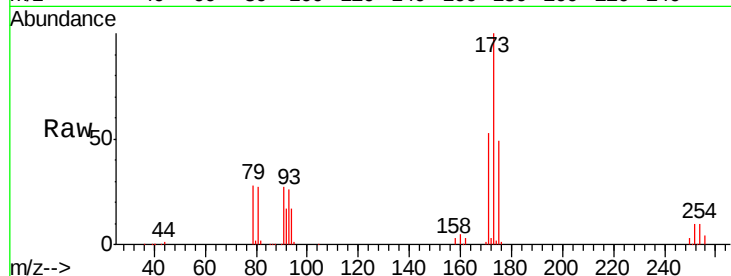
Tgt Ion:173 Resp: 77758

Ion Ratio Lower Upper

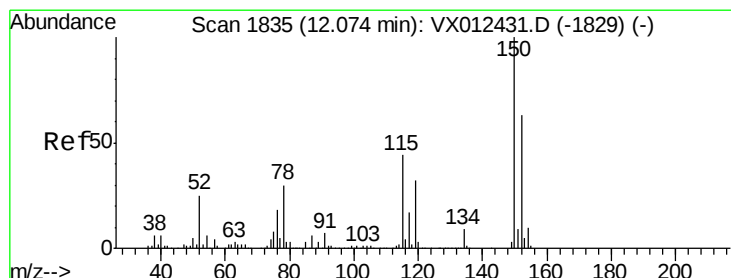
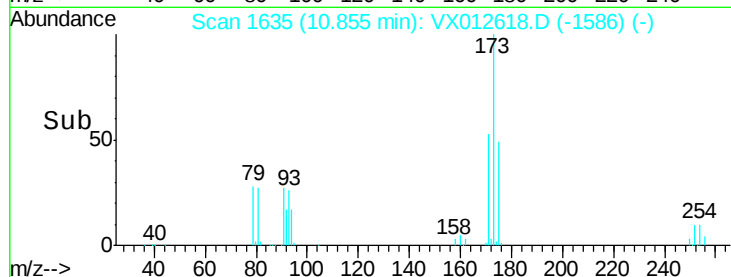
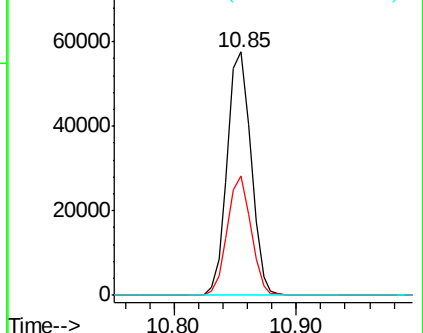
173 100

175 48.6 23.7 71.1

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

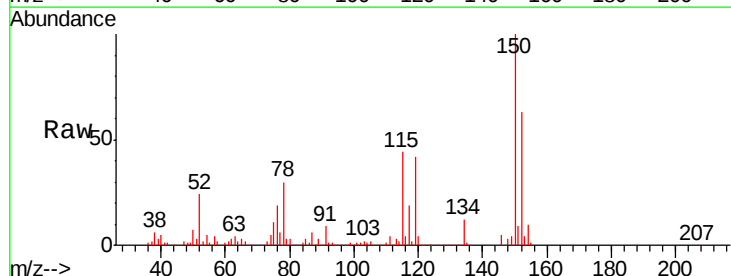
Tgt Ion:152 Resp: 132048

Ion Ratio Lower Upper

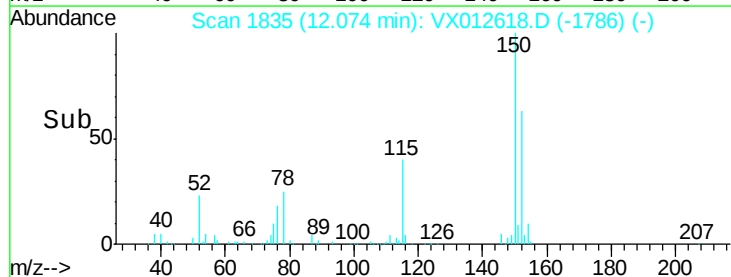
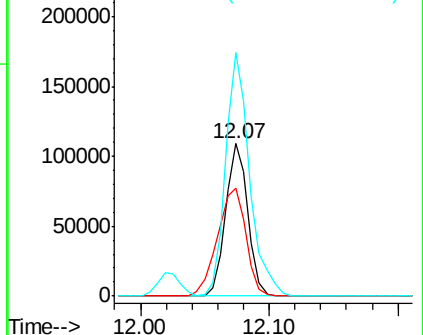
152 100

115 91.1 44.1 132.3

150 172.8 0.0 343.8



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





#73

Isopropylbenzene

Concen: 49.456 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

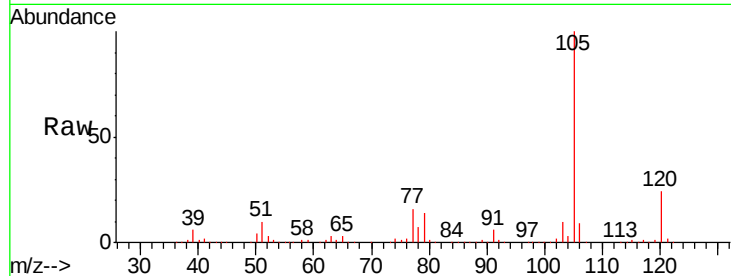
VSTDCCC050EC

Tgt Ion: 105 Resp: 531892

Ion Ratio Lower Upper

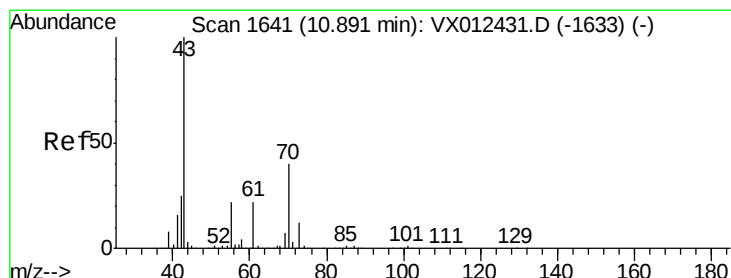
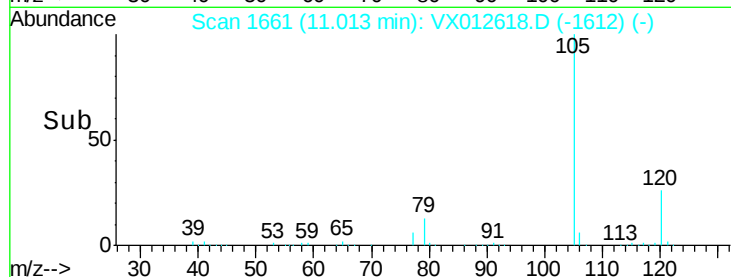
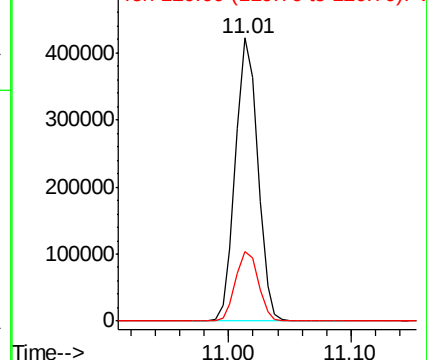
105 100

120 25.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.826 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion: 43 Resp: 260782

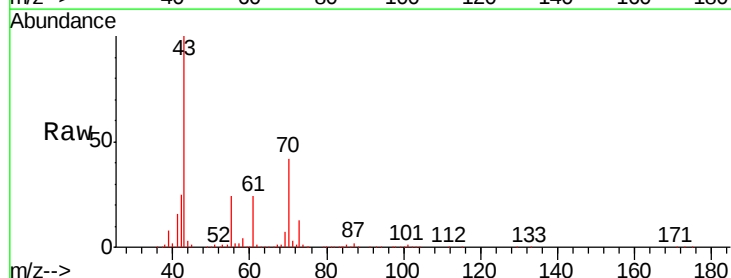
Ion Ratio Lower Upper

43 100

70 42.3 32.4 48.6

55 24.1 18.2 27.4

61 24.3 18.5 27.7

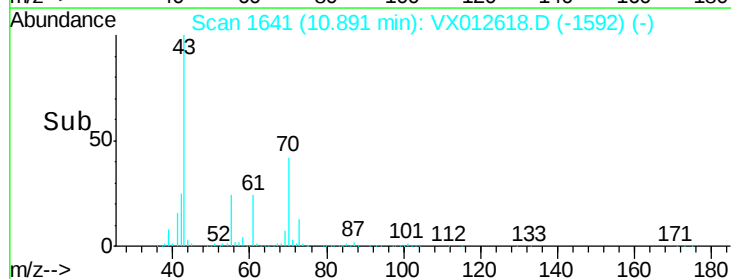
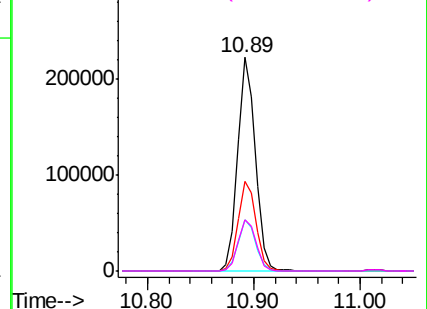


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.493 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

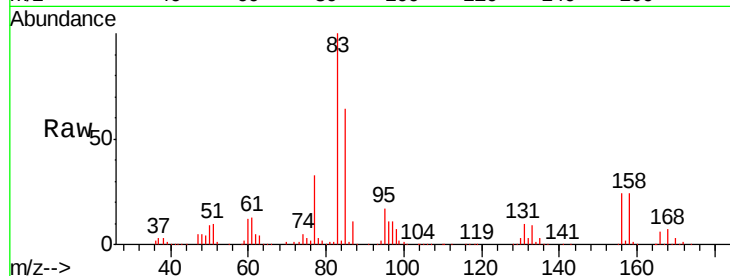
Tgt Ion: 83 Resp: 179848

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

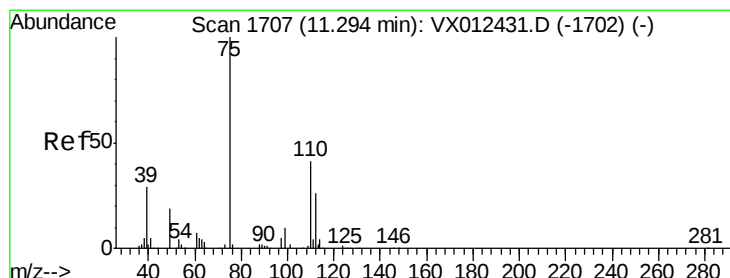
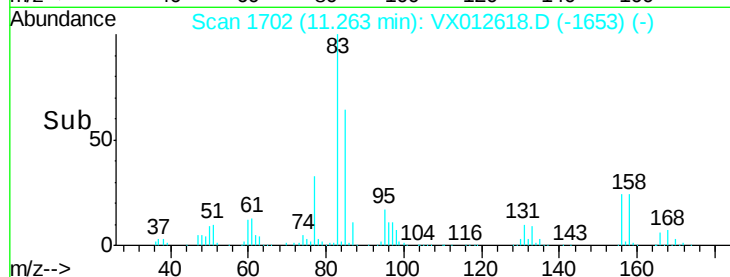
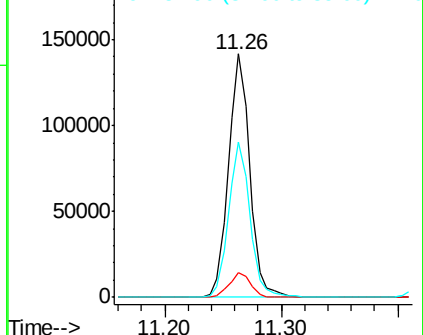
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.139 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012618.D

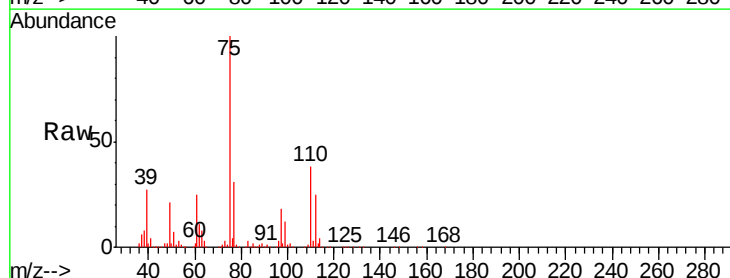
Acq: 23 Sep 2019 20:38

Tgt Ion: 75 Resp: 213557

Ion Ratio Lower Upper

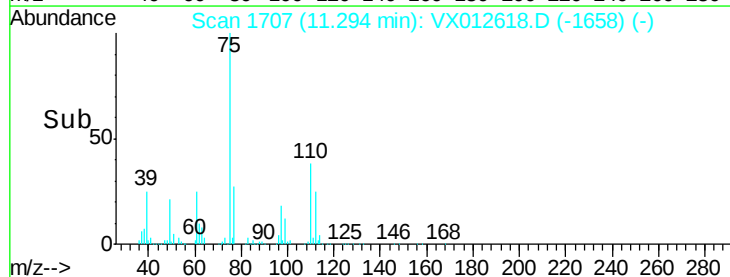
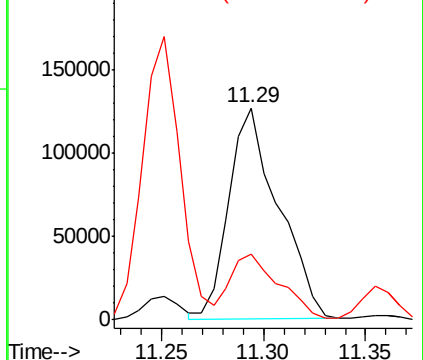
75 100

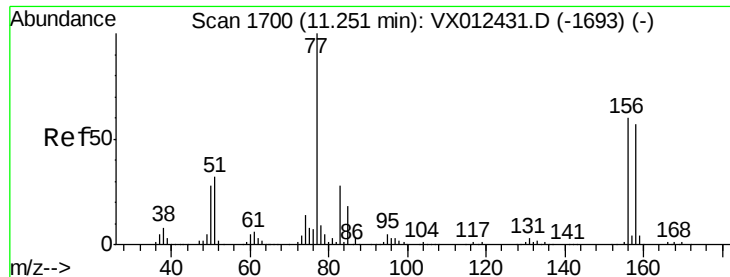
77 31.4 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.499 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

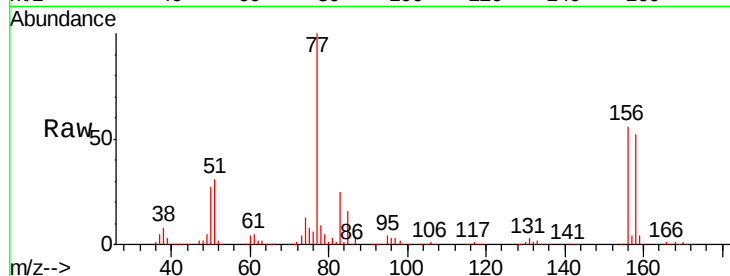
Tgt Ion:156 Resp: 118053

Ion Ratio Lower Upper

156 100

77 185.8 87.3 261.8

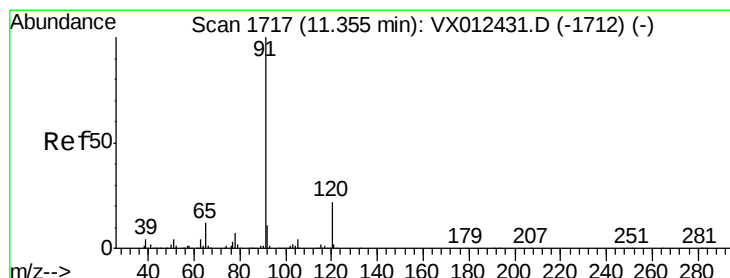
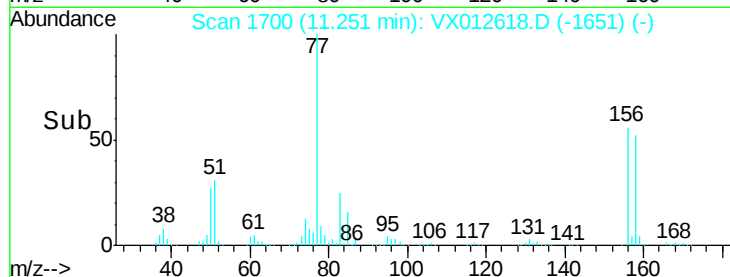
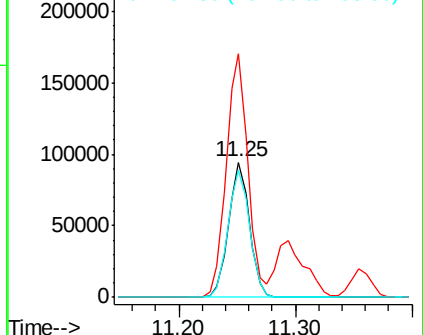
158 97.0 48.5 145.6



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: 48.572 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012618.D

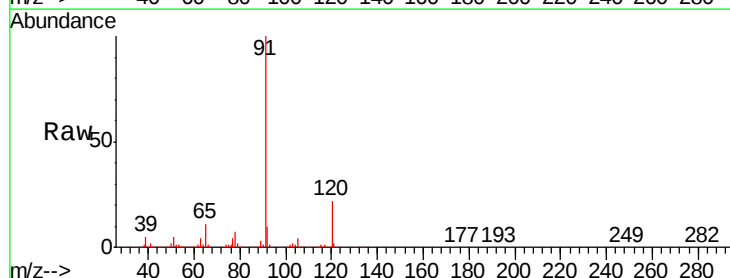
Acq: 23 Sep 2019 20:38

Tgt Ion: 91 Resp: 588113

Ion Ratio Lower Upper

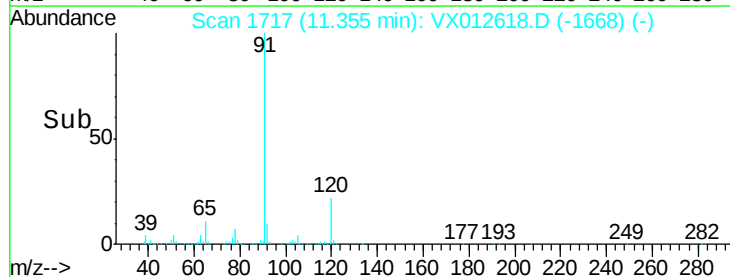
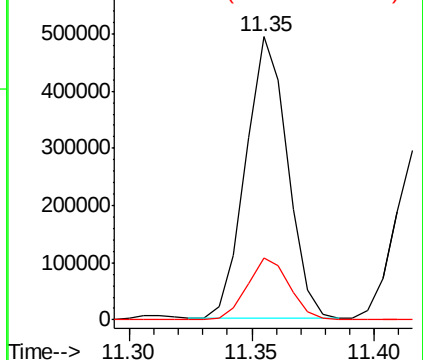
91 100

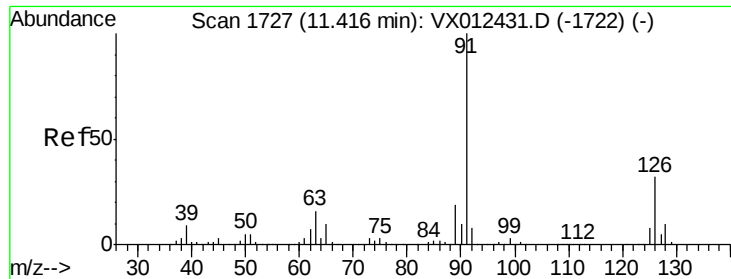
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

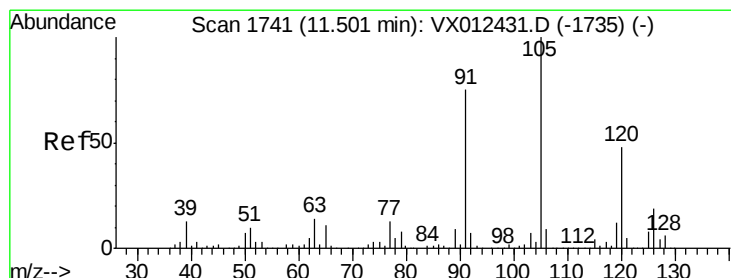
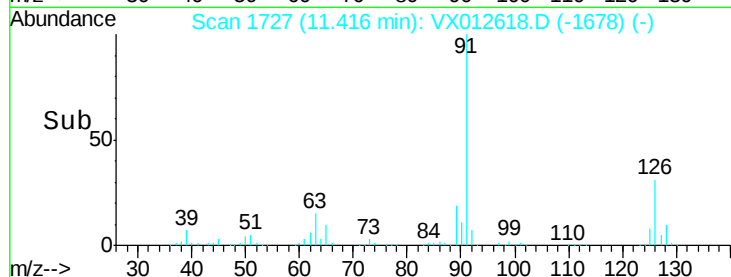
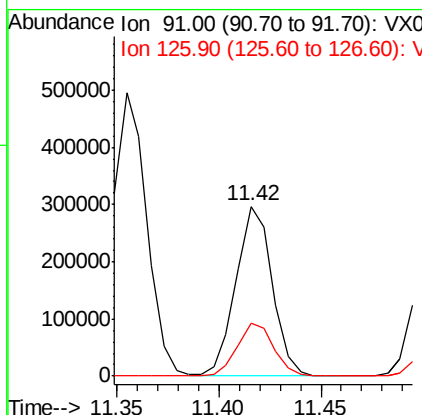
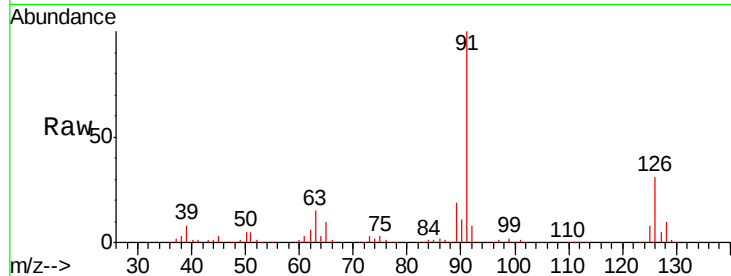




#79
 2-Chlorotoluene
 Concen: 48.339 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

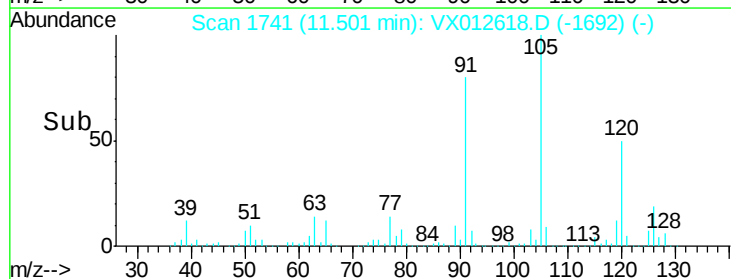
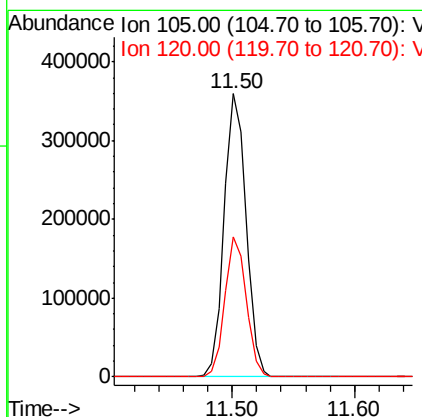
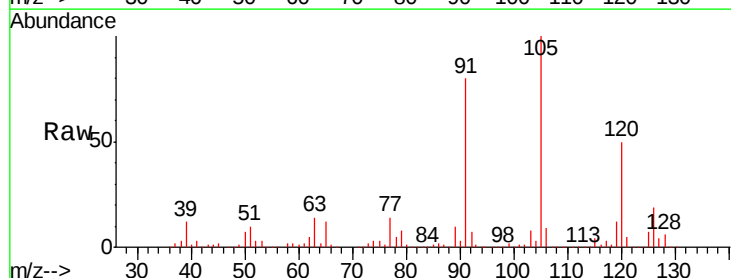
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

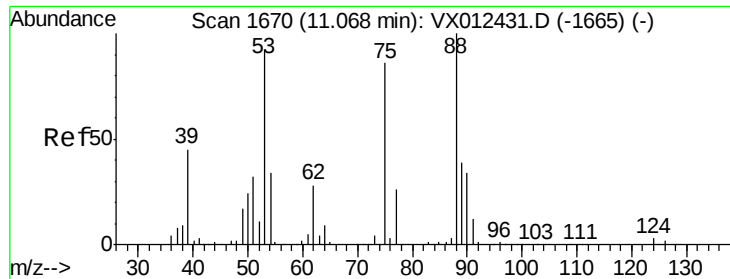
Tgt Ion: 91 Resp: 365118
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.388 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion: 105 Resp: 445424
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.431 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

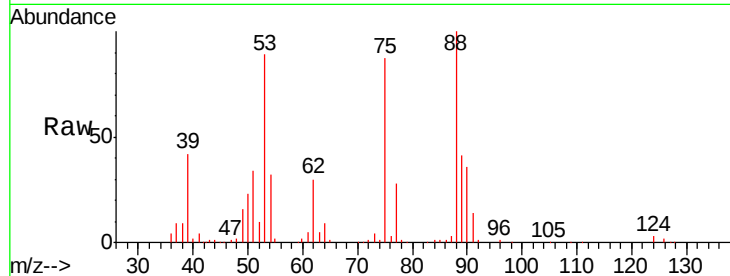
Tgt Ion: 75 Resp: 56593

Ion Ratio Lower Upper

75 100

53 102.4 83.6 125.4

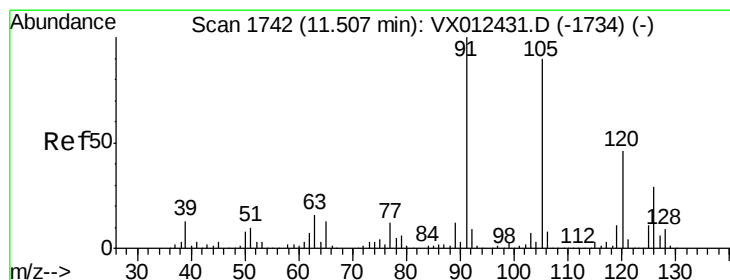
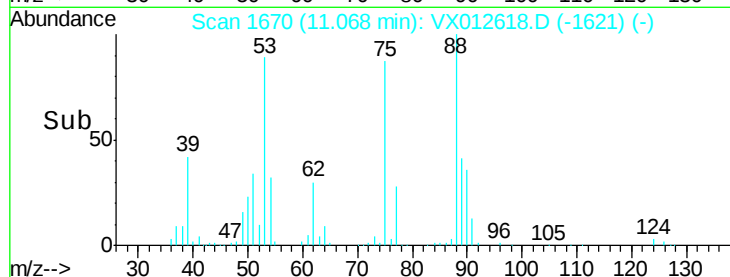
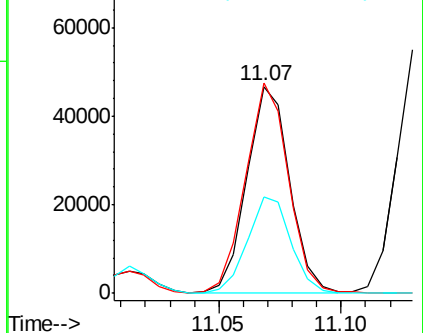
89 48.2 36.3 54.5



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: 50.054 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012618.D

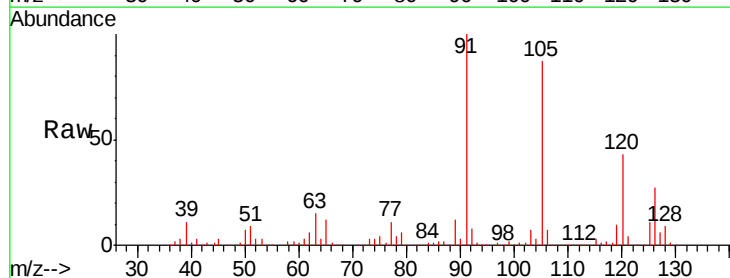
Acq: 23 Sep 2019 20:38

Tgt Ion: 91 Resp: 430983

Ion Ratio Lower Upper

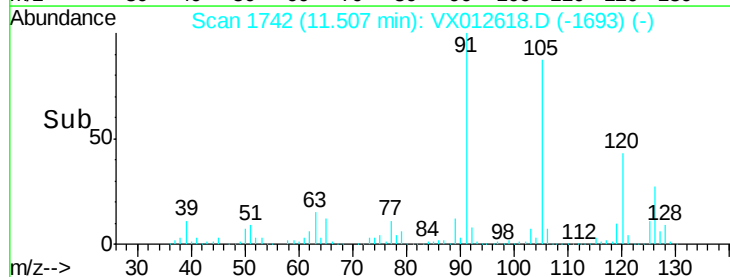
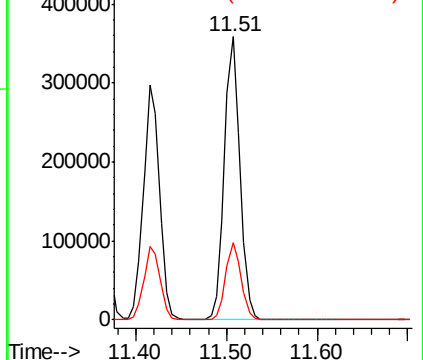
91 100

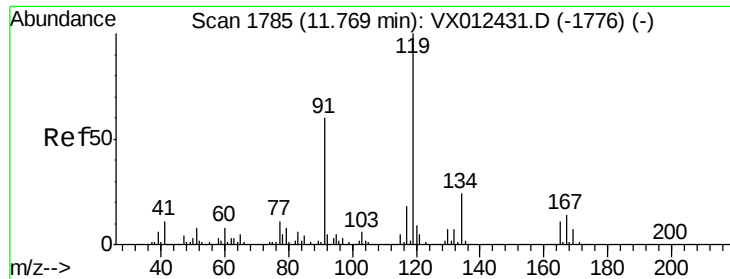
126 26.9 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

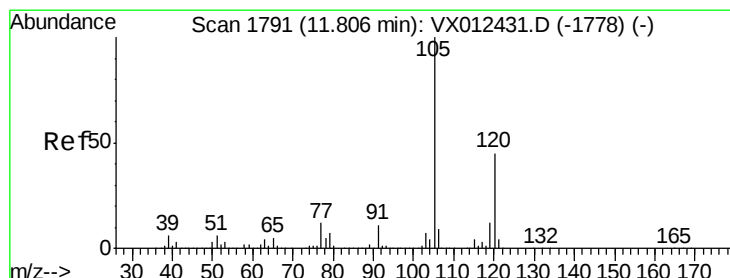
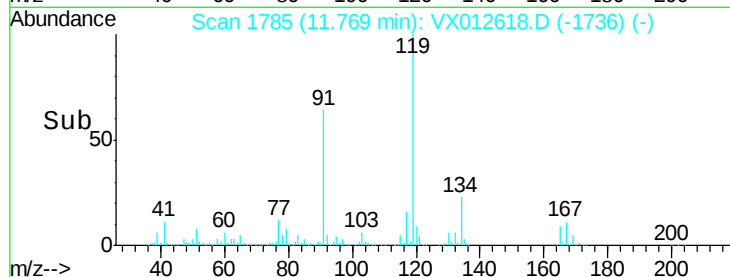
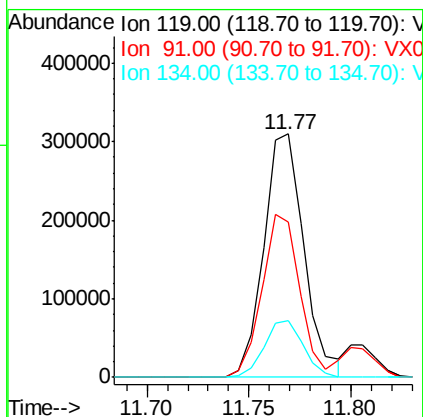
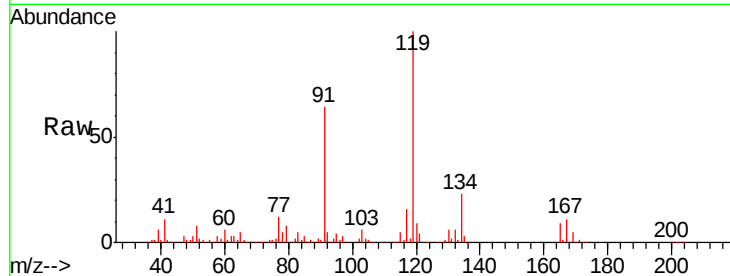




#83
 tert-Butylbenzene
 Concen: 49.144 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

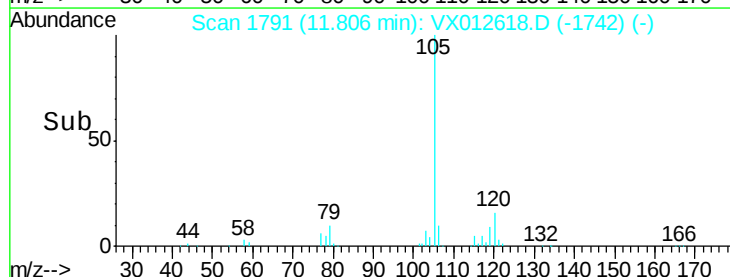
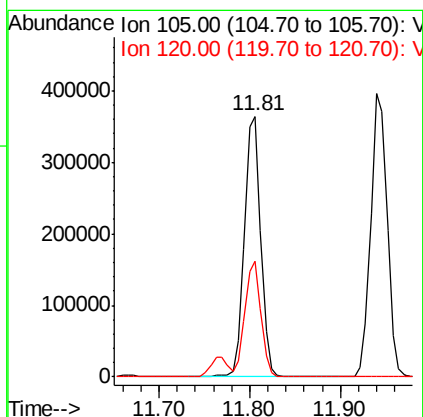
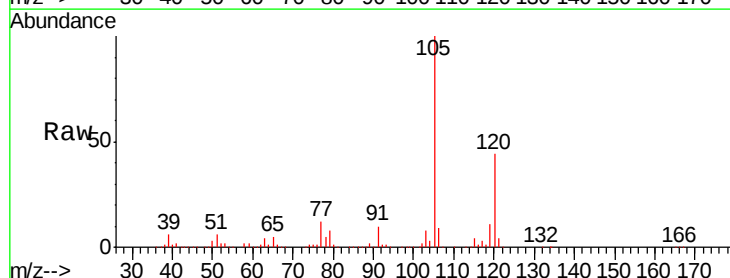
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

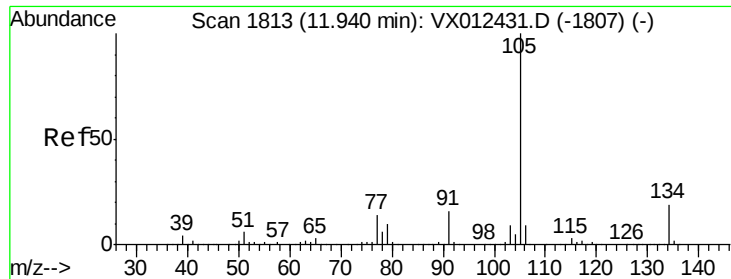
Tgt Ion:119 Resp: 427544
 Ion Ratio Lower Upper
 119 100
 91 62.7 30.0 90.0
 134 22.6 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.000 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion:105 Resp: 454900
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.2 66.6

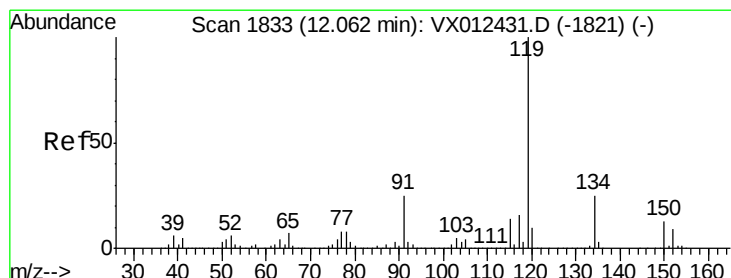
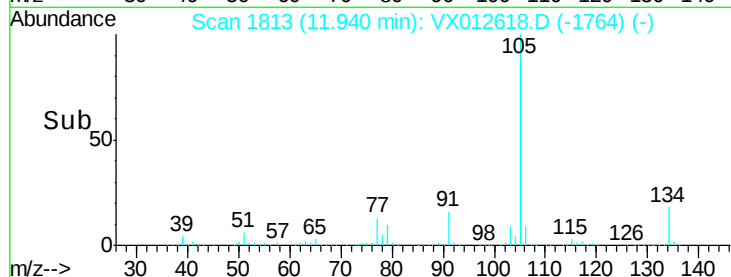
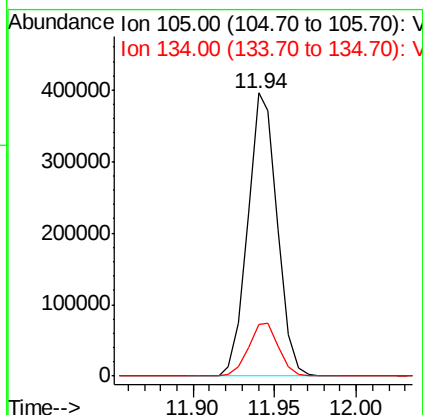
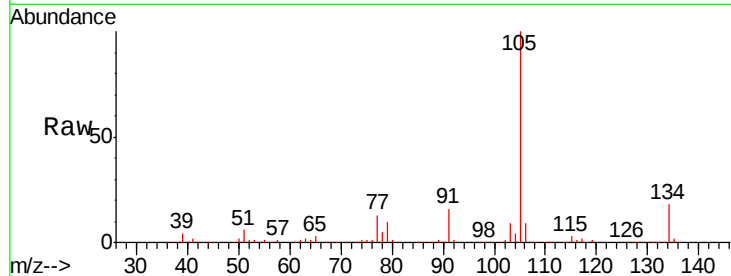




#85
 sec-Butylbenzene
 Concen: 49.191 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 497766
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.510 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion:119 Resp: 452054
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 26.0 12.8 38.4

